

245. 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 and improved process for manufacturing gas for lighting and heating."—A communication from Charles Auguste Gapiand, a person resident at Lavellois, France, Chemist.

253. And David Auguste Burr, of Washington city, in the District of Columbia, and United States of America, has given the like notice in respect of the invention of "an improved diaphragm motor and its application in automatically operating valves and levers in low-water detectors, air-compressing machines, supply or discharge pipes, double-acting vacuum pumps, and other hydraulic or pneumatic machines and engines, by means of an intermittent fluid pressure."—A communication to him from William Edgar Prall, a person resident at Washington city, District of Columbia, United States of America.

As set forth in their respective petitions, both recorded in the said office on the 25th day of January, 1872.

268. And David Oliver Macomber, of Utica, New York, United States of America, now of Arundel-street, Strand, in the county of Middlesex, Civil Engineer, has given the like notice in respect of the invention of "improvements in the manufacture of ordnance."

As set forth in his petition, recorded in the said office on the 27th day of January, 1872.

274. And William 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 method of, and apparatus for, transmitting motion or motive power to variable distances."—A communication to him from abroad by Jean Baptiste Marie Prosper Closson, of Paris, in the Republic of France.

As set forth in his petition, recorded in the said office on the 29th day of January, 1872.

285. And Samuel Last, of Grafton-street, Mile End, in the county of Middlesex, Foreman Cooper, has given the like notice in respect of the invention of "improvements in apparatus for cutting and planing wood and other like substances."

286. And George West Royston Pigott, of Notting Hill, London, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in covered wire, and in the means or apparatus for effecting the same."

As set forth in their respective petitions, both recorded in the said office on the 30th day of January, 1872.

289. And John Ward, of Number 44, Goodge-street, Tottenham Court-road, in the parish of St. Pancras, London, has given the like notice in respect of the invention of "improvements in the mode and means for securing earrings to the ears."

290. And William Ford Smith and Arthur Coventry, of Gresley Iron Works, Salford, in the county of Lancaster, Engineers and Tool Makers, have given the like notice in respect of the invention of "improvements in planing machines."

293. And Robert Johnson, of Bradford, in the county of York, has given the like notice in

respect of the invention of "improvements in the mode of and apparatus for drying and superheating steam."

295. And Gustave Piedbœuf, of Jupille, near the city of Liège, in the Kingdom of Belgium, and of 1, Seymour-chambers, Adelphi, W.C., London, Engineer, has given the like notice in respect of the invention of "improvements in apparatus for the manufacture of steam boilers."

296. And John Cooper, of Birmingham, in the county of Warwick, Iron Founder, has given the like notice in respect of the invention of "improvements in moulding boxes used in making moulds for casting metals."

310. 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 fluting or crimping machines."—A communication to him from abroad by Theodore M. Tucker, of Newark, New Jersey, in the United States of America.

312. 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 apparatus or means for correcting or compensating for the deviations of the mariner's compass."—A communication to him from abroad by Louis François Alexandre Arson, of Paris, in the Republic of France.

As set forth in their respective petitions, all recorded in the said office on the 31st day of January, 1872.

320. And William Davis, of Gainford, in the county of Durham, Gentleman, has given the like notice in respect of the invention of "improvements in the apparatus for taking votes at parliamentary and municipal elections."

As set forth in his petition, recorded in the said office on the 1st day of February, 1872.

334. And William Samuel Harrison, of Gloucester-road, Peckham, in the county of Surrey, Horologist, and Charles Gottlieb Rotter, of Choumert-road, Rye-lane, Peckham, in the county of Surrey, Gentleman, have given the like notice in respect of the invention of "improvements in the mode of taking the poll of voters, and for enumerating and registering votes, and in the method of, and apparatus for recording and indicating the poll."

As set forth in their petition, recorded in the said office on the 2nd day of February, 1872.

348. And Samuel Cutler, of Lind-street, Ryde, in the Isle of Wight, has given the like notice in respect of the invention of "improvements in fastening and securing window sashes, and preventing the rattling thereof."

As set forth in his petition, recorded in the said office on the 3rd day of February, 1872.

378. And Henry Holland, of Birmingham, in the county of Warwick, Toolmaker, has given the like notice in respect of the invention of "improvements in clippers for clipping or shearing horses and other animals."

As set forth in his petition, recorded in the said office on the 5th day of February, 1872.

382. And Richard Birdsall, of Northampton, in the county of Northampton, Wholesale Bookbinder and Manufacturing Stationer, has given the like notice in respect of the invention of "improvements in ornamenting book covers and similar articles, also applicable to the ornamentation of leather, vellum, cloth, and other like surfaces."

As set forth in his petition, recorded in the said office on the 6th day of February, 1872.