

street, Blackfriars, in the city of London, Color Manufacturer, have given the like notice in respect of the invention of "improvements in furnace bars and in the mode of mounting or setting furnace bars."

As set forth in his petition, recorded in the said office on the 31st day of March, 1874.

1135. And Francis William Webb, of Crewe, in the county of Chester, Mechanical Engineer, has given the like notice in respect of the invention of "improvements in injectors."

As set forth in his petition, recorded in the said office on the 1st day of April, 1874.

1147. And Arthur Lee Sparkes, of Burslem, in the county of Stafford, and Clement Marsh, of Wolstanton, in the same county, have given the like notice in respect of the invention of "an instrument for ascertaining and indicating any extraordinary temperature in buildings and apartments of every kind."

1153. And Somerville Dear, of Leeds, in the county of York, Machinist, has given the like notice in respect of the invention of "improvements in drawing and spinning machinery for flax, hemp, jute, wool, or other fibrous material."

1159. And William Munton Bullivant, of 59, Fenchurch-street, in the city of London, has given the like notice in respect of the invention of "improvements in telegraph cables."

As set forth in their respective petitions, all recorded in the said office on the 2nd day of April, 1874.

1180. And Aaron Mosley, of Southey-street, in the town and county of the town of Nottingham, Mechanic, has given the like notice in respect of the invention of "improved arrangements and combination of appliances connected with lace machines."

1181. And George Warsop and Henry Walker Hill, both of Deering-street, Nottingham, Engineers, have given the like notice in respect of the invention of "improvements in rock drill apparatus, applicable also to apparatus for dressing stone, driving piles, rivetting, and such like."

As set forth in their respective petitions, both recorded in the said office on the 4th day of April, 1874.

1211. And Charles William Wilkins Thomas, of Clarendon House, Buckhurst Hill, in the county of Essex, has given the like notice in respect of the invention of "improvements in apparatus for manufacturing heating and illuminating gas."

As set forth in his petition, recorded in the said office on the 7th day of April, 1874.

1220. And Edward Gatwood, Engineer, of Hardwick House, Easton-road, Bristol, and George Spencer, Engineer, of 77, Cannon-street, London, have given the like notice in respect of the invention of "improvements in the cases for buffer springs."

As set forth in their respective petitions, all recorded in the said office on the 8th day of April, 1874.

1233. And William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, has given the like notice in respect of the invention of "improvements in machines for securing the uppers to the soles and heels of boots and shoes, and for uniting belts, hose-pipes, and the like."—A communication to him from abroad by John Mundell and Edwin Francis Partridge, both of

Philadelphia, Pennsylvania, United States of America, Boot and Shoe Manufacturers.

As set forth in his petition, recorded in the said office on the 9th day of April, 1874.

1241. And John Greenslade, of Taunton, in the county of Somerset, Engineer, has given the like notice in respect of the invention of "improvements in steam ploughing machinery, and in the engines employed in working the same, part of such improvements being applicable for other purposes."

1244. And James Harrison, of 52, Mornington-road, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in refrigerators and ice safes, in cooling by the solution of salts, and in the regeneration of the materials employed."

As set forth in their respective petitions, both recorded in the said office on the 10th day of April, 1874.

1254. And Edwin Powell, of Heath Town, near Wolverhampton, in the county of Stafford, Coach Body Maker, has given the like notice in respect of the invention of "an improved window for use in Hansom cabs, and for other purposes."

1260. And the Reverend Henry Moule, of Fordington Vicarage, in the county of Dorset, Clerk in Holy Orders, has given the like notice in respect of the invention of "improvements in the production and manufacture of gas."

1261. And William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, has given the like notice in respect of the invention of "improvements in electric light apparatus."—A communication to him from abroad by Matthias Day, of Mansfield, Ohio, United States of America.

As set forth in their respective petitions, all recorded in the said office on the 11th day of April, 1874.

1278. And Robert Brydon and James Shepherd Davidson, both of Whitehaven, in the county of Cumberland, have given the like notice in respect of the invention of "improvements in rock boring drill carriages."

1286. And William Robert Lake, of the firm of Haseltine, Lake & Co., Patent Agents, Southampton-buildings, London, has given the like notice in respect of the invention of "improvements in double acting lift and force pumps."—A communication to him from abroad by William D. Baxter, of the city and State of New York, United States of America.

As set forth in their respective petitions, both recorded in the said office on the 14th day of April, 1874.

1302. And William Mitchell, of Brandon, in the county of Suffolk, has given the like notice in respect of the invention of "improved apparatus for elevating agricultural and other produce, applicable also for shooting and filling sacks and for other purposes."

As set forth in his petition, recorded in the said office on the 15th day of April, 1874.

1307. And Charles William Siemens, of No. 3, Great George-street, Westminster, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in the method of transmitting telegraphic signals by submarine or other insulated electric conductors and apparatus for that purpose."—A communication to him from abroad by Dr. Ernst Werner Siemens, of Berlin, in the German Empire.