

4159. And George William Hart, of Upper Norwood, in the county of Surrey, Engineer, has given the like notice in respect of the invention of "improvements in smelting iron and other ores."

As set forth in his petition, recorded in the said office on the 18th day of December, 1873.

4246. And John Thompson, of the firm of Messieurs Curtis, Sons, and Company, of Manchester, in the county of Lancaster, Machine Maker, and William Henry Rhodes and John Wain, of the same place, Foreman, have given the like notice in respect of the invention of "improvements in machinery for preparing, spinning, and doubling cotton and other fibrous substances."

As set forth in their petition, recorded in the said office on the 26th day of December, 1873.

159. And William Russell, of Kilmarnock, in the county of Ayr, North Britain, Hosiery, has given the like notice in respect of the invention of "improvements in and apparatus for the manufacture of Ayrshire bonnets."

As set forth in his petition, recorded in the said office on the 12th day of January, 1874.

167. And Charles Edward Hearson, of No. 30, Millman-street, Bedford-row, in the county of Middlesex, Ironmonger, has given the like notice in respect of the invention of "improvements in argand burners for burning coal gas or other illuminating gas, and animal, vegetable, and mineral oils."

As set forth in his petition, recorded in the said office on the 13th day of January, 1874.

253. And Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, has given the like notice in respect of the invention of "improvements in electric telegraph apparatus and in alphabetical symbols for use in transmitting telegraphic messages."—A communication to him from abroad by William Edward Sawyer, of Washington, District of Columbia, United States of America.

As set forth in his petition, recorded in the said office on the 20th day of January, 1874.

274. And John Bewley Marlow, of Openshaw, near Manchester, in the county of Lancaster, Engine Driver, Joseph Roebuck, of the same place, Fitter, and John Thomas Fallows, of Bradbury, in the county of Chester, Manager, have given the like notice in respect of the invention of "improvements in railway points."

275. And William Thompson, of No. 5, Chesnut-walk, Stratford-upon-Avon, in the county of Warwick, Architect and Surveyor, has given the like notice in respect of the invention of "improvements in cutting, dressing, and moulding marble, stone, and slate."

278. 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 the construction of sheet-metal pails, cotton cans, and other like vessels."—A communication to him from abroad by Henry Wardwell Shepard, of Brooklyn, and Robert Seaman, of New York, both in the State of New York, United States of America.

As set forth in their respective petitions, all recorded in the said office on the 22nd day of January, 1874.

300. And G. Gale Rew, of Plymouth, in the county of Devon, has given the like notice in

respect of the invention of "improvements in syphons."

304. And Joseph Harris, of Birmingham, in the county of Warwick, Manufacturer, and John Judson, of Aston, near Birmingham aforesaid, Manufacturer, have given the like notice in respect of the invention of "improvements in sewing machines."

As set forth in their respective petitions, both recorded in the said office on the 23rd day of January, 1874.

307. And Andrew Brown, of the firm of William Simons and Company, of the town and county of Renfrew, North Britain, Engineers and Ship Builders, has given the like notice in respect of the invention of "improvements in dredgers."

320. And George Hayter Chubb, of 57, St. Paul's-churchyard and William Henry Chalk, of 13, Alpha-street, Peckham-rye, have given the like notice in respect of the invention of "improvements in safes, applicable also in part to strong room doors."

As set forth in their respective petitions, both recorded in the said office on the 24th day of January, 1874.

335. And James Stephen Summerford, of 4, Hemming's-row, W.C., has given the like notice in respect of the invention of "an improvement in a reclining chair."

338. And Charles Coe Burton, of Young's Farm, Lambourne, in the county of Essex, has given the like notice in respect of the invention of "improvements in wheels for traction engines and for other uses where a considerable area of bearing surface is required."

As set forth in their respective petitions, both recorded in the said office on the 27th day of January, 1874.

354. And William Armand Gilbee, of the firm of L. de Fontainemoreau and Co., 4, South-street, Finsbury, in the county of Middlesex, Patent Agent, has given the like notice in respect of the invention of "improvements in cork cutting machinery, parts of such improvements being applicable to other purposes."—A communication to him from abroad by Emil Boëthius, of Stockholm, in the Kingdom of Sweden.

360. And Friedrich Hahn, of Bloomsbury-street, in the county of Middlesex, Professor of Chemistry, has given the like notice in respect of the invention of "improvements in the manufacture of compressed fuel, and in apparatus therefor and for other like purposes."

361. And James Maplesden and William Buss, both of Bethersden, in the county of Kent, have given the like notice in respect of the invention of "improvements in or connected with ploughs."

As set forth in their respective petitions, all recorded in the said office on the 28th day of January, 1874.

367. And Frederick William Gerhard, of Coseley, in the county of Stafford, Metallurgical Chemist, has given the like notice in respect of the invention of "improvements in the purification of iron ores and other compounds containing iron, and in the production of iron therefrom."

371. And Edward Stevens, of Maycliffe, St. Luke's-road North, Torquay, in the county of Devon, Gentleman, has given the like notice in respect of the invention of "an improved brake for arresting or retarding the wheels of railway and other vehicles, which is also applicable to the arrestation or retardation of other rotary motion."