Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, has given the like notice in respect of the invention of "improvements in fire-alarm and water supply apparatus for preventing conflagrations."-A communication to him from abroad by Albert Francis Johnson, of Parkville, Long Island, United States of America.

As set forth in their respective petitions, all recorded in the said office on the 30th day of

January, 1873.

384. And William Foster, of the firm of John Foster and Son, of Black Dike Mills, Queensbury, near Bradford, in the county of York, Alpaca, Mohair, and Worsted Spinners and Manufacturers, has given the like notice in respect of the invention of "improvements in or applicable to machinery or apparatus for preparing wool or other fibrous substances for combing or spinning."

As set forth in his petition, recorded in the said

office on the 31st day of January, 1873.

392. And Charles Gall, of Halifax, in the county of York, Engineer, has given the like notice in respect of the invention of "improvements in steam boiler and other furnaces, and in apparatus connected therewith."

As set forth in his petition, recorded in the said office on the 1st day of February, 1873.

400. And Jean Henry Weber, of Charenton, near Paris, and Jean Roy, of No. 148, Rue de la Procession, Paris, in the Republic of France, Gentleman, have given the like notice in respect of the invention of "improvements in the manufacture of umbrellas and parasols."

401. And Jean Baptiste Caton, of No. 10, Rue de la Fidélité, Paris, in the Republic of France, Gentleman, has given the like notice in respect of the invention of "an improved apparatus for

the use of smokers."

403. And William Edward Gedge, of No. 11, Wellington-street, Strand, in the county of Middlesex, Patent Agent, has given the like notice in respect of the invention of "a new system for converting a slow alternate circular motion into a rapid continuous circular motion." -A communication to him from abroad by Jean Constant Michelet, of Dieppe (Seine Inférieure), France.

406. And John Henry Johnson, of 47, Lincoln'sinn-fields, in the county of Middlesex, Gentleman, has given the like notice in respect of the invention of "improvements in the manufacture of tin foil and in the covering of other metals with tin, also in the machinery or apparatus employed therein."-A communication to him from abroad by Jean Baptiste Ferdinand Masson, of Paris, in the Republic of France.

As set forth in their respective petitions, all recorded in the said office on the 3rd day of

February, 1873.

439. And Riley Bamber, of Accrington, in the county of Lancaster, has given the like notice in respect of the invention of "improved fire

places for economising fuel."

445. And Samuel Joseph Mackie, of No. 3, Delahay-street, Great George-street, in the city of Westminster, has given the like notice in respect of the invention of "improvements in the manufacture of explosive compounds and in the apparatus used in such manufacture."

As set forth in their respective petitions, both recorded in the said office on the 6th day of

February, 1873. No. 23985.

371. And William Robert Lake, of the firm of | 452. 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 valves and parts connected therewith for direct-acting steam-engines."—A communication to him from abroad by George F. Blake, of Boston, Massachusetts, United States of America.

> 454. 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 valves and parts connected therewith for direct-acting steam-engines."-A communication to him from abroad by George F. Blake, of Boston, Massachusetts, United States of America.

> As set forth in their respective petitions, both recorded in the said office on the 7th day of February, 1873.

> 490. 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 railway signalling apparatus." — A communication to him from abroad by Paul Tesse, Henry Lartigue, and Pierre Désiré Prud'homme, all of Paris, France.

> As set forth in his petition, recorded in the said office on the 10th day of February, 1873.

> 497. And David Fisken, of Stamfordham, in the county of Northumberland, Gentleman, has given the like notice in respect of the invention of "improvements in rope porters for steam ploughing machinery.'

> As set forth in his petition, recorded in the said office on the 11th day of February, 1873.

> 512. And Saul Myers, of No. 1, Vale-terrace' Maida Vale, in the county of Middlesex, Gentleman, has given the like notice in respect of the invention of "an improved stove or grate for the purpose of saving coal and other fuel, and generating a greater amount of heat than can be obtained from stoves and grates now in use."

514. And William Newell, of Birmingham, in the county of Warwick, Manufacturer, has given the like notice in respect of the invention of "improvements in ornamenting certain articles or parts of articles made of tin plate, and in apparatus to be used for that purpose."

As set forth in their respective petitions, both recorded in the said office on the 12th day of February, 1873.

53. And Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, has given the like notice in respect of the invention of "improvements in the construction of extension ladders."-A communication to him from abroad by Michele Uda and Mary Bella Scott Uda, both of Milan, in the Kingdom of Italy.

As set forth in his petition, recorded in the said office on the 14th day of February, 1873.

568. And George Greenwood, Thomas Saville, and Joseph Morton, of Halifax, in the county of York, Fire-brick, Tile, Retort, and Sanitary Tube Manufacturers, have given the like notice in respect of the invention of "improved means and arrangements for heating rooms or build-

As set forth in their petition, recorded in the said office on the 15th day of February, 1873.