868. And James Combe and James Barbour, both of Belfast, in the Kingdom of Ireland, have given the like notice in respect of the invention of "improvements in transmitting rotary motion applicable especially to machinery for preparing and spinning flax and other fibrous substances."

871. And Munson Sigler, of Paterson, in the county of Passaic, in the State of New Jersey, and the United States of America, has given the like notice in respect of the invention of "improvements in mechanism for regulating the tension of the warp in weaving looms."

As set forth in their respective petitions, both recorded in the said office on the 22nd day of March, 1869.

880. And John Macintosh, of North Bank, Regent's Park, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in the application of elastic fillets, cords, or bands to boots and shoes and other articles of wearing apparel."

As set forth in his petition, recorded in the said office on the 23rd day of March, 1869.

895. And Joseph Nevill, of Abergavenny, in the county of Monmouth, Architect, has given the like notice in respect of the invention of "improved means of and apparatus for securing window sashes and blinds, in rendering the sashes weather tight, and in removing the strain from the lines when the sashes are closed."

898. And Thomas Shakespear, of Birmingham, in the county of Warwick, Sewing Machine Manufacturer, and George Illston, of Birmingham aforesaid, Machinist, have given the like notice in respect of the invention of "improve-

ments in sewing machines."

903. And Edward Peyton, of Birmingham, in the county of Warwick, has given the like notice in respect of the invention of "improvements in the manufacture of rollers, cylinders, or tubes for printing upon textile fabrics or other materials, or for other purposes."

As set forth in their respective petitions, all recorded in the said office on the 24th day of

March, 1869.

926. And George Hodgson, of Bradford, in the county of York, Loom Manufacturer, Henry Bottomley, of Low Moor, near the said Bradford, Manufacturer, and Ezra Cockroft, of Odsall Moor, also near the said Bradford, Overlooker, have given the like notice in respect of the invention of "improvements in looms for weaving."

As set forth in their petition, recorded in the said office on the 27th day of March, 1869.

943. And Samuel Firth, of Leeds, in the county of York, Merchant, has given the like notice in respect of the invention of "improvements in picks and railways for cutting coal and other minerals, part of which can be applied to railways used for other purposes."

As set forth in his petition, recorded in the said office on the 29th day of March, 1869.

962. And Austin Chambers, of Fairfield-road, Bow, in the county of Midddlesex, Engineer, has given the like notice in respect of the invention of "improvements in carriages, vehicles, or conveyances propelled or moved by manual power, parts of which improvements are applicable also to other purposes."

976. And James Livesey, of 9, Victoria-chambers, Westminster, in the county of Middlesex, Engineer, has given the like notice in respect of the

invention of "improvements in the permanent way of railways."

977. And John Addy Hopkinson and Joseph Hopkinson, junior, both of Huddersfield, in the county of York, Engineers, have given the like notice in respect of the invention of "improvements in direct acting steam engine indicators." As set forth in their respective petitions, all recorded in the said office on the 31st day of March, 1869.

1055. And William Powell, of Birmingham, in the county of Warwick, Gun Manufacturer, has given the like notice in respect of the invention of "improvements in breech loading fire-arms." As set forth in his petition, recorded in the said office on the 7th day of April, 1869.

1105. And Octave Vivier, of Sekforde-street,. Clerkenwell, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in escapements for watches, and other time pieces."

As set forth in his petition, recorded in the said office on the 10th day of April, 1869.

1152. 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 for burning liquid hydrocarbons, applicable to the generation of steam and other heating purposes."—A communication to him from abroad by Homer Taylor, of the city of Montreal, Canada, Builder.

As set forth in his petition, recorded in the said office on the 14th day of April, 1869.

1201. And Sumner Shaw, of Boston, Massachusetts, United States of America, now of No. 8, Southampton-buildings, Chancery-lane, in the county of Middlesex, has given the like notice in respect of the invention of "an improved feed-water apparatus, chiefly designed for supplying and maintaining a proper water-level in steam boilers."—A communication to him from abroad by Philander Shaw, of Boston, Massachusetts, United States of America.

As set forth in his petition, recorded in the said office on the 19th day of April, 1869.

1252. And Samuel Smith, of Derby, in the county of Derby, has given the like notice in respect of the invention of "an improved axle and axle box for railway carriages and waggons."—A communication to him from abroad by George Smith, residing at Vitbsk, in the Empire of Russia.

As set forth in his petition, recorded in the said office on the 23rd day of April, 1869.

1268. And James Crabtree, of Sheffield, in the county of York, Saw Trimmer and Dealer in Saws, has given the like notice in respect of the invention of "improvements in machinery for cutting shives, bungs, corks, spiles, or other taper pegs."

As set forth in his petition, recorded in the said office on the 24th day of April, 1869.

1446. And Leonard Wray, of Ramsgate, in the county of Kent, Gentleman, has given the like notice in respect of the invention of "improved apparatus for crushing, grinding, and pulverizing quartz and other hard substances."

As set forth in his petition, recorded in the said office on the 11th day of May, 1869.

1534. And Richard Edward Keen, of Red Lioncourt, Fleet-street, Commission Agent, has given the like notice in respect of the invention