of "certain improvements in breech loading fire arms.

As set forth in their petition, recorded in the said office, on the 3rd day of February, 1877.

517. And William John Copeland Bradshaw, of Enniskillen, in the county of Fermanagh, Ireland, Timber Merchant and Engineer, has given the like notice in respect of the invention of "improvements in the manufacture or treatment of tobacco, and in apparatus therefor."

As set forth in his petition, recorded in the said office on the 7th day of February, 1877.

537. And James Alfred Claydon, of Sutton-in-Ashfield, in the county of Nottingham, has given the like notice in respect of the invention of "improvements in rink skates."

As set forth in his petition, recorded in the said office on the 8th day of February, 1877.

563. And John Munro, of Forres, in the county of Elgin, North Britain, Blacksmith, has given the like notice in respect of the invention of "improvements in machinery or apparatus for lifting turnips.'

As set forth in his petition, recorded in the said office on the 10th day of February, 1877.

582. And George Smith, of Kennington Park, in the county of Surrey, has given the like notice in respect of the invention of "improvements in obtaining motive power, and in the apparatus

As set forth in his petition, recorded in the said office on the 12th day of February, 1877.

594. And William Ure and Archibald Ure, both of Glasgow, in the county of Lanark, North Britain, Ironfounders, have given the like notice in respect of the invention of "improvements in furnaces for the prevention of smoke and the economy of fuel."

As set forth in their petition, recorded in the said office on the 13th day of February, 1877.

602. And Benjamin Walker and John Frederick Augustus Pflaum, both of Leeds, in the county of York, Engineers, have given the like notice in respect of the invention of "improvements in blowing engines and cupolas."

604. And Richard Suggitt, of Manchester, in the county of Lancaster, Machinist, has given the like notice in respect of the invention of "improvements in machinery for doubling yarns, applicable in part to certain descriptions of spinning machinery."

As set forth in their respective petitions, both recorded in the said office on the 14th day of February, 1877.

624. And Joseph Clarke, of Derby, in the county of Derby, Engineer, has given the like notice in respect of the invention of "improvements in railway breaks.

630. And James Young the younger, of Kelly, in the county of Renfrew, North Britain, has given the like notice in respect of the invention of "an improvement in generating heat."

636. 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 framed slates for school and other uses."-A communication to him from abroad by John Wesley Hyatt and Isaiah Smith Hyatt, both of Newark, in the State of New Jersey, United States of America.

As set forth in their respective petitions, all recorded in the said office on the 15th day of February, 1877.

given the like notice in respect of the invention | 649. And Jacob Levi Montefiore, of Great Winchester-street, in the city of London, has given the like notice in respect of the invention of "improved method of treating nickel and cobalt ores and in apparatus connected therewith."-A communication to him from abroad by Edward Levi Montefiore, residing at Rue de la Victorie, Paris, France.

As set forth in his petition, recorded in the said office on the 16th day of February, 1877.

656. And James Edward Hyde Andrew, of Stockport, in the county of Chester, Machine Maker, has given the like notice in respect of the invent tion of "improvements in machinery used in the manufacture of tobacco and cigars."—
2 Rartly the result of a communication to him from abroad by James F. Tygh; of Philadelphia, in the State of Pennsylvania, America and partly of invention and discovery made by him-

657. And Charles Henry Green, of 211, Gresham House, Old Broad-street, in the city of London, has given the like notice in respect of the invention of "improvements in the arrangement and construction of gas stoves and utensils to be used therewith, and for other purposes."

— A communication to him from abroad by Edward Benson Cox, of the city of Brocklyn, State of New York, in the United States of America.

As set forth in their respective petitions, both recorded in the said office on the 17th day of February, 1877.

667. And David Basil Hewitt and George Edward Davis, both of Manchester, in the county of Lancaster, have given the like notice in respect of the invention of "improvements in the manufacture of bricks, tiles, and other building materials, and in the utilization for that purpose of various refuse matters.

As set forth in their petition, recorded in the said office on the 19th day of February, 1877.

682. And John Wesley Lewis, of the town and county of the town of Nottingham, Merchant, has given the like notice in respect of the invention of "improvements in the construction of railway and other carriages and vans, ships, and other vessels, storehouses, and chambers.

692. 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 knitted fabrics, and in machinery for producing the same."communication to him from abroad by Charles Henry Landenberger, of Philadelphia, Pennsylvania, United States of America.

As set forth in their respective petitions, both recorded in the said office on the 20th day of February, 1877.

713. And Walter Smartt, of Buckhurst Hill, 14 the county of Essex, has given the like notice in respect of the invention of "improved arrangements, apparatus, or appliances for facilitating the application and use in various operations of prepared gutta percha and other suitable cements or cementing substraces.

714. And Joseph Bale, of No. 52, Aldermanbury, and Louis Goldberg, of No. 9, Love-lane, both in the city of London, have given the like notice in respect of the invention of "improvements in corsets, stays, and bodices.'

As set forth in their respective petitions, both recorded in the said office on the 21st day of February.