2444. And William Snell, of 13, Clement'sinn, Strand, in the county of Middlesex, Agent, has given the like notice in respect of the invention of "an improved machine for making horse-shoe nails."-A communication to him from Amos Whittemore, of Cambridgeport, in the county of Middlesex, State of Massachusetts, and United States of America.

As set forth in his petition, recorded in the said office on the 9th day of October, 1860.

2462. And Charles Wheatsone, of Hammersmith, in the county of Middlesex, Gentleman, has given the like notice in respect of the invention of improvements in electro-magnetic telegraphs, and apparatus for transmitting signs or indications to distant places, by means of electricity, and in the means of, and apparatus for, establishing electric telegraphic communication between distant places."

As set forth in his petition, recorded in the said office on the 10th day of October, 1860.

2484. And Richard Archibald Brooman, of 166, Fleet-street, in the city of London, Patent Agent has given the like notice in respect of the invention of "improvements in machinery for cutting and packing cigars."-A communication to him from abroad by Julius De Bary, of Offenbach, Hesse Darmstadt.

As set forth in his petition, recorded in the said office on the 12th day of October, 1860.

2503. And George Davies, of No. 1, Serlestreet, Lincoln's Inn, in the county of Middlesex, and No. 28, St. Enoch-square, in the city of Glasgow, Civil Engineer and Patent Agent, has given the like notice in respect of the invention of "an improved method of, and apparatus for, refrigerating and freezing.—A communication to him from abroad by Ferdinand Philippe Edouard Carré, of Paris.

As set forth in his petition, recorded in the said office on the 15th day of October, 1860.

2664. And George Davies, of No. 1, Serle-street, Lincoln's Inn, in the county of Middlesex and No. 28, St. Enoch-square, in the city of Glasgow, Civil Engineer and Patent Agent, has given the like notice in respect of the invention of "improvements in boxes for railwaycarriage axles and other shafts."--A communication to him from abroad by Isaac P. Wendell, of Philadelphia, Pennsylvania, in the United States of America.

As set forth in his petition, recorded in the said office on the 31st day of October, 1860.

2751. And John Rollinson, of Pensnett, in the county of Stafford, Engineer, and William Rollinson, of Brierley Hill, in the county of Stafford, Engineer, have given the like notice in respect of the invention of "an improvement or improvements in working the brakes of winding engines."

As set forth in their petition, recorded in the said office on the 8th day of November, 1860.

2968. And Thomas Whitehead, of Holbeck, in the parish of Leeds, in the county of York, a Partner in the firm of Taylor, Wordsworth, and Company, Machine and Tool Makers, has given the like notice in respect of the invenion of "improved machinery for combing wool, hair, flax, tow, cotton, silk, and other fibrous

As set forth in his petition, recorded in the said office on the 3rd day of December, 1860.

No. 22477.

2978. And John Henry Johnson, of 47, Lincoln'sinn-fields, in the county of Middlesex, and of 166, Buchanan-street in the city of Glasgow, North Britain, Gentleman, has given the like notice in respect of the invention of "improvements in the construction of clothes dryers, or folding racks, for airing and drying clothes." A communication to him from abroad by John Ward, junior, of Brooklyn, New York, United States of America, Gentleman,

As set forth in his petition, recorded in the said office on the 4th day of December, 1860.

2995. And Jonathan Musgrave, cf Bolton-le-Moors, in the county of Lancaster, Engineer, has given the like notice in respect of the invention of "improvements in apparatus for regulating the discharge of water from steam pipes."

As set forth in his petition, recorded in the said office on the 7th day of December, 1860.

3050. And Charles Peters Moody, of Corton Denham, in the county of Somerset, Gentleman, has given the like notice in respect of the invention of "improvements in the construction of gates."

As set forth in his petition, recorded in the said office on the 12th day of December, 1860.

3192. And Humphrey Chamberlain, of the Sandford Estate Pottery Works, Wareham, Dorsetshire, has given the like notice in respect of the invention of "improvements in the preparation of clay for pottery purposes, which improvements are also applicable to filtering or cleansing liquids.'

As set forth in his petition, recorded in the said office on the 29th day of December, 1860.

- 63. And Richard Archibald Brooman, of 166, Fleet-street, in the city of London, Patent Agent, has given the like notice in respect of the invention of "treating lava and other volcanic substances, in order to fit them for employment in certain arts and manufactures." A communication to him from abroad by Pierre Antoine Collard, of Bas, France.
- 68. And William Longmaid, of Inver, Galway, Ireland, has given the like notice in respect of the invention of "improvements in hardening the surfaces of the rails of railways and the surfaces of the tyres of railway wheels, and in charring the surfaces of timber to be used for railway sleepers, and other purposes."

As set forth in their respective petitions, both recorded in the said office on the 10th day of January, 1861.

74. And William Henry Muntz, of Millbrook, in the county of Hants, has given the like notice in respect of the invention of "improvements in breaks for locomotive engines."

75. And William Henry Muntz, of Millbrook, in the county of Hants, has given the like notice in respect of the invention of "improved means of signalling or communicating with the guard or engine-driver in railway trains."

And Alphonse Réné le Mire Normandy, of Odin-lodge, King's-road, Clapham Park, in the county of Surrey, has given the like notice in respect of the invention of "improvements in

connecting gas and other pipes."

86. And Robert Smellie, of West Merrieston, in the county of Lanark, North Britain, Joiner, has given the like notice in respect of the invention of "improvements in apparatus for supporting and working sash windows and other similar sliding or traversing details."