of "an improved mode and apparatus for 3427. And Toranoske Masayas Nishigawa, of the forming dowel joints for connecting boards for city of Hiroshima, in the Empire of Japan, but

flooring and other purposes."

2980. And William Lloyd Wise, of Chandoschambers, Adelphi, in the county of Middlesex, has given the like notice in respect of the invention of "new method of and apparatus for cleaning lithographic stones."—A communication to him from abroad by Dr. F. Wilhelmi, Manufacturing Chemist, of Reudnitz-Lepizig, Kingdom of Saxony, German Empire.

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

July, 1876.

-3002. And William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, South-ampton-buildings, London, has given the like notice in respect of the invention of "improvements in lanterns and candlesticks."—A communication to him from abroad by Jesse Edward Folk, of Brooklyn, New York, United States of America.

As set forth in his petition, recorded in the said office on the 25th day of July, 1876.

3021. 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 apparatus for washing barrels, bottles, and other vessels."

—A communication to him from abroad by Gustav Schock, of the city of New York, in the county and State of New York, United States of America.

As set forth in his petition, recorded in the said office on the 26th day of July, 1876.

-3045. 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 oil burning stoves and apparatus connected therewith. — A communication to him from abroad by Oliver Edwards, of Northampton, Massachusetts, United States of America.

As set forth in his petition, recorded in the said office on the 28th day of July, 1876.

3095. And John William Slater, of No. 2, Tamworth-terrace, in the county of Middlesex, Analytical Chemist, has given the like notice in respect of the invention of "improvements in deodorizing and purifying sewage."

As set forth in his petition, recorded in the said office on the 2nd day of August, 1876.

3113. And Henry Pearce, of Huddersfield, in the county of York, Jeweller, and William Henry Douglas, of Stourbridge, in the county of Worcester, Jeweller, have given the like notice in respect of the invention of "improvements in study and solitaires."

As set forth in their petition, recorded in the said office on the 4th day of August, 1876.

3226. And Frank Reddaway, of the firm of Reddaway and Company, of Manchester, in the county of Lancaster, Hose Manufacturers, has given the like notice in respect of the invention of "improvements in looms for weaving hose or tubular goods."

As set forth in his petition, recorded in the said office on the 16th day of August, 1876.

3375. And John Talbot Ashenhurst, of 7, Sussexstreet, Kentish Town, in the county of Middlesex, Cabinet Maker, has given the like notice in respect of the invention of "improvein castors."

As set forth in his petition, recorded in the said office on the 28th day of August, 1876.

3427. And Toranoske Masayas Nishigawa, of the city of Hiroshima, in the Empire of Japan, but at present of Finborough-road, in the county of Middlesex, Analytical Chemist, and Frederick Barker Hill, of Lambeth-road, Southwark, in the county of Surrey, Engineer, have given the like notice in respect of the invention of "improvements in machinery or apparatus for manufacturing ice and cooling or refrigerating liquids, and for other like purposes."

3428. And Commander Duncan Stewart, R.N., New Club, Edinburgh, in the county of Mid-Lothian, North Britain, has given the like notice in respect of the invention of "a new or improved mode and means of making and repairing balls for golf and other games."

As set forth in their respective petitions, both recorded in the said office on the 31st day of August, 1876.

3562. And Alexander Jardine Alderman, of No. 6, Copenhagen-street, Cloudesley-road, Islington, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in apparatus for use in stopping and controlling the motion of ship's cables."

As set forth in his petition, recorded in the said office on the 11th day of September, 1876.

3620. And Matthew Piers Watt Boulton, of Tew Park, Oxfordshire, Esquire, has given the like notice in respect of the invention of "improvements in engines worked by the combustion and expansive force of an inflammable fluid mixture." As set forth in his petition, recorded in the said office on the 15th day of September, 1876.

3744. And Benjamin Mountain and James Mountain, both of Hunslet, near Leeds, in the county of York, have given the like notice in respect of the invention of "improvements in machinery or apparatus employed in the manufacture of heading clasp, clout, or other nails, and tacks." As set forth in their petition, recorded in the said office on the 25th day of September, 1876.

3767. And Matthew Piers Watt Boulton, of Tew Park, Oxfordshire, Esquire, has given the like notice in respect of the invention of "improvements in apparatus for the production of motive power, jointly by the elastic force of products of combustion and of steam or vapour, part of which is applicable when the former alone is used."

As set forth in his petition, recorded in the said office on the 27th day of September, 1876.

3817. And William Bown, of Birmingham, in the county of Warwick, Manufacturer, has given the like notice in respect of the invention of "improvements in sewing machine shuttles."

As set forth in his petition, recorded in the said office on the 2nd day of October, 1876.

3824. And John Carrington Sellars, of Birkerhead, in the county of Chester, Manufacturing Chemist, has given the like notice in respect of the invention of "improvements in erecting buildings of concrete and in apparatus employed therein."

As set forth in his petition, recorded in the said office on the 3rd day of October, 1876.

3858. And Henry Carter, of Ipswich, in the county of Suffolk, and Charles Warren, of Ipswich, in the county of Suffolk, have given the like notice in respect of the invention of "an improved roller skate."

As set forth in their petition, recorded in the said office on the 6th day of October, 1876.