- 2850. And Henry Lander, of Shaftesbury-road, Mere, in the county of Wilts, Farmer, has given the like notice in respect of the invention of "improvements in collecting and loading hay into waggens, and apparatus therefor."
- 2855. And James McKelvie, of Edinburgh, in the county of Mid Lothian, North Britain, Coalmaster, has given the like notice in respect of the invention of "improvements in the manufacture of illuminating gas."

As set forth in their respective petitions, all recorded in the said office on the 27th day of September, 1872.

- 2879. And Jules Louis Adam, of Wandsworthroad, in the county of Surrey, has given the like notice in respect of the invention of "an improved tap for drawing off liquids."
- 2880. And Otto Schulze, of Finsbury-circus, in the city of London, Merchant, has given the like notice in respect of the invention of "improvements in pen-holders, cigar and cigarette holders, and in the manufacture thereof."—A communication to him from abroad by Otto Streubel, of Berlin.
- 2883. And Charles Denton Abel, of No. 20, Southampton-buildings, Chancery-lane, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in traction engines, which may also be used as portable engines."—A communication to him from abroad by Julius Orlowski, of St. Petersburg, in the Empire of Russia, Civil Engineer.

As set forth in their respective petitions, all recorded in the said office on the 30th day of September, 1872.

- 2891. And William Shakespear Allardyce, of Fordington, in the county of Dorset, Civil Engineer, has given the like notice in respect of the invention of "improvements in closets commodes, privies, and such like."
- 2894. And Allen Ransome, of King's-road, Chelsea, in the county of Middlesex, Engineer, has given the like notice in respect of the invention of "improvements in sand papering machinery."

As set forth in their respective petitions, both recorded in the said office on the 1st day of October, 1872.

2900. And Edward Griffith Brewer, of 89, Chancery-lane, in the county of Middlesex, Patent Agent, has given the like notice in respect of the invention of "improvements in the construction of studs or buttons."—A communication to him from abroad by Charles Denis Segoffin, of 2, Rue Sainte Appoline, Paris, France.

As set forth in his petition, recorded in the said office on the 2nd day of October, 1872.

2947. And John Macintosh, of Bayswater, and William Boggett, of Chelsea, both in the county of Middlesex, have given the like notice in respect of the invention of "improvements in treating and applying animal membranes, and in constructing articles therewith, comprising vessels to contain air and in valves for inflating the same, which valves are applicable to other useful purposes."

As set forth in their petition, recorded in the said office on the 7th day of October, 1872.

2995. And James Hill Dickson, of Harefield, in the county of Middlesex, Engineer, has given the like notice in respect of the invention of "an improved process of, and machinery for, treating or preparing fibre yielding plants for the purpose of obtaining useful fibres therefrom."

As set forth in his petition, recorded in the said office on the 10th day of October, 1872.

3051. And William Armand Gilbee, of the firm of L. de Fontainemoreau and Co., Patent Agents, 4, South-street, Finsbury, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in harmoniums and other similar free reed instruments."—A communication to him from abroad by Maria Procopé, of Stockholm, in the Kingdom of Sweden.

As set forth in his petition, recorded in the said office on the 16th day of October, 1872.

3065. And William Morgan-Brown, of the firm of of Brandon and Morgan-Brown, Engineers and Patent Agents, of 38, Southampton-buildings, London, and 13, Rue Gaillon, Paris, has given the like notice in respect of the invention of "improvements in breech-loading ordnance and cartridges for the same."—A communication to him from abroad by Benjamin Burkley Hotchkiss, of 27, Rue Choiseul, Paris.

As set forth in his petition, recorded in the said office on the 17th day of October, 1872.

3213. And William Morgan-Brown, of the firm of Brandon and Morgan-Brown, Engineers, and Patent Agents, of 38, Southampton-buildings, London, and 13, Rue Gaillon, Paris, has given the like notice in respect of the invention of "improvements in the manufacture of oakum or in converting old tarred rope into assemblages of soft fibres for caulking purposes or otherwise."— A communication to him from abroad by Thomas Harrison Dunham, of Boston, Suffolk county, Massachusetts, United States of America.

As set forth in his petition, recorded in the said office on the 30th day of October, 1872.

3220. And William Morgan-Brown, of the firm of Brandon and Morgan-Brown, Engineers and Patent Agents, of 38, Southampton-buildings, London, and 13, Rue Gaillon, Paris, has given the like notice in respect of the invention of "an improved self-indexing holder, file, and binder for letters, papers, bills, notes, &c."—A communication to him from abroad by William Adam Amberg, of Chicago, United States of America.

As set forth in his petition, recorded in the said office on the 31st day of October, 1872.

3295. And Charles Everett Parlin and John Orison Turner, of the State of Maine, of the United States of America, have given the like notice in respect of the invention of "a new or improved boot or shoe heel."—A communication to them from one Johnathon R. Ryerson, of the State of Maine aforesaid.

As set forth in their petition, recorded in the said office on the 6th day of November, 1872.

3356. And James Alexander Manning, of the Inner Temple, London, Esquire, has given the like notice in respect of the invention of "improvements in the treatment of human fœcal matters, and in the apparatus or means employed therein."

As set forth in his petition, recorded in the said office on the 11th day of November, 1872.

3585. And Farnham Maxwell Lyte, Chemist, of the firm of Storck and Co., Asnières, France, has given the like notice in respect of the invention of "improved process of treating and purifying crude phosphoric acid, and in the production of soluble phosphotes, also for the manufacture of phosphorous, and the treatment of certain residues resulting therefrom and phosphate of alumina."—A communication by Henri Storck, Edouard Hentsch, Auguste Hentsch, André Lutscher, and Frederic Grininger, con-

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