2820. And Thomas Welton, of 29, New Comptonstreet, Soho, and Edward Henry Cradock Monckton, of the Parthenon Club, No. 16, Regent-street, both in the county of Middlesex, have given the like notice in respect of the invention of "improvements in the application of electricity or magnetism to the human body for the relief of pain and cure of disease."

2821. 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 joining or connecting together pipes and tubes."—A communication to him from abroad by Louis

Alexandre Farjon, of Paris.

2822. And William Henry Woodhouse, of Parliament-street, in the city of Westminster, Civil Engineer, has given the like notice in respect of the invention of "an improved method of, and instrument for, measuring distances."

2823. And William Lynall Thomas, of Southsea, in the county of Hants, Gentleman, and Henry Percival de Bathe, Colonel Scots Fusilier Guards, have given the like notice in respect of the invention of "improvements in the construction of plates or shields for the purpose of resisting shot and other projectiles."

As set forth in their respective petitions, all recorded in the said office, on the 16th day of

November, 1860.

2845. 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 "an improvement in the construction of spring hinges."—A communication to him from abroad by George Bowen Pierson, of the city of New York.

As set forth in his petition, recorded in the said office on the 20th day of November, 1860.

2862. And Robert Jobson, of Dudley, in the county of Worcester, Engineer, has given the like notice in respect of the invention of "improvements in moulding articles of earthenware or porcelain, and in apparatus used therein."

As set forth in his petition, recorded in the said office on the 22nd day of November, 1863.

2867. And George Edward Dering, of Lockleys, near Welwyn, Herts, has given the like notice in respect of the invention of "improvements in the permanent ways of railways."

2873. And James Anderson, of No. 92, Farringdon-street, in the city of London, has given the like notice in respect of the invention of "improvements in preparing potatoes for boiling or cooking."

As set forth in their respective petitions, both recorded in the said office on the 23rd day of

November, 1860.

2883. And Robert Harrison, of Bacup, in the county of Lancaster, Mechanic, and George Taylor, of the same place, Carder, have given the like notice in respect of the invention of "improvements in machinery or apparatus for preparing cotton and other fibrous substances for spinning."

2891. And Walter Leigh, of Goulden-terrace, Richmond-road, Dalston, in the county of Middlesex, Gentleman, has given the like notice in respect of the invention of "an improved

indicator for railway carriages."

As set forth in their respective retitions, both recorded in the said office on the 24th day of November, 186.

2929. And Henry Gilbec, of No. 4, South-street, Finsbury, in county of Middlesex, has given the like notice in respect of the invention of "improvements in welding."—A communication to him from abroad by Michel Helson, of Paris, in the Empire of France.

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

2903. And Edward Thomas Hughes, of the firm of Hughes and Son, Patent Agents, 123, Chancery-lane, London, has given the like notice in respect of the invention of "improvements in treating and decomposing fatty matters, and in the machinery or apparatus employed therein."—A communication to him from abroad by Monsieur L. Martin, of 209, Rue St. Jacques, Paris, in the Empire of France.

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

2989. And Henry Jordan, of Liverpool, in the county of Lancaster, Ship Budder, has given the like notice in respect of the invention of "improvements in the construction of ships or other vessels."

As set forth in his petition, recorded in the said office on the 6th day of December, 1860.

3021. And Adolphe Joseph Filliette, of 42, Rue Amelot, Paris, in the Empire of France, Mechanical Engineer, has given the like notice in respect of the invention of "improvements in precises for copying, stamping, and embossing." As set forth in his petition, recorded in the said office on the 10th day of December, 1860.

3046. And Henry Hall, of Stack Steads, in the county of Lancaster, Manufacturer, has given the like notice in respect of the invention of "improvements in machinery or apparatus for spinning and doubling fibrous materials."

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

3181. And Claude Pallu, of Nogent sur Marne, near Paris, in the Empire of France, has given the like notice in respect of the invention of "improvements in the apparatuses and process for producing photographic pictures without working in dark rooms."

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

- 148. And Frederick George Sanders, of Poole, in the county of Dorset, has given the like notice in respect of the invention of "certain improvements in the construction of boxes for containing earth for growing shrubs or trees, which improvements are also applicable for paving, flooring, building, and other purposes."
- 151. And Henry Vandercruyce, of the Cour du Trente Juillet, No. 32, at Bourdeaux, in the Empire of France, Master Mariner, has given the like notice in respect of the invention of "improved means or apparatus for lowering or striking the masts of ships at sea with sails and courses set."

156. And William Clark, of 53, Chancery-lane, in the county of Middlesex, Engineer and Patent Agent, has given the like notice in respect of the invention of "improvements in compass protractors." — A communication to him from abroad by Charles B. Wood, of New York, United States of America.

As set forth in their respective petitions, all recorded in the said effice on the 19th day of January, 1861.