the invention of "an improved machine or apparatus for raising or digging up and collecting potatoes."—A communication to him from abroad by Frederic Sevrin, of Isle-le-Pré, in the Kingdom of Belgium, Agriculturalist.

As set forth in their respective petitions, all recorded in the said office on the 18th day of

May, 1877.

1963. And Edward Hawks and Alexander Bridges, both of Leith, in the county of Midlothian, North Britain, have given the like notice in respect of the invention of "improvements in the construction of the permanent way of railways and tramways."

1966. And William Eli Sudlow, of Heaton Norris, in the county of Lancaster, Engineer, has given the like notice in respect of the invention of "improvements in apparatus for condensing the

steam of steam engines"

1968. 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 the treatment of maize and other grain for the manufacture of various useful products:"—A communication to him from abroad by Louis Chiozza, of Paris, France.

1931. And James Adsett, of Upper Bridgestreet, Canterbury, in the county of Kent, has given the like notice in respect of the invention of "improvements in breech-loading fire-arms."

1984. 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 the manufacture of elastic bands to be used as garters, brace-straps, belts, and other like articles:"—A communication to him from abroad by Frank Armstrong, of Bridgeport, Connecticut, United States of America.

As set forth in their respective petitions, all recorded in the said office on the 19th day of

May, 1877.

1991. And Carl Pieper, of Dresden, Saxony, has given the like notice in respect of the invention of "improvements in pianofortes."—A communication from Otto Lemcke, a person resident in Schkeuditz, Prussia.

As set forth in his petition, recorded in the said

office on the 21st day of May, 1877.

2005. And Charles Sholl, of Cranworth-street, Manchester, in the county of Lancaster, has given the like notice in respect of the invention of "an improved method of and apparatus for removing, disabling, or destroying torpedoes, and other dangerous or destructive objects placed in harbours, rivers, channels, and other waters, which invention is partly applicable to rocket apparatus."

As forth in his petition, recorded in the said

office on the 23rd day of May, 1877.

2040. And Louis Paul Victor Veron and Emile Edeline, Merchants, both of the city of Paris, in the Republic of France, have given the like notice in respect of the invention of "improvements in railway brakes."

As set forth in their petition, recorded in the said

office on the 25th day of May, 1877.

2058. And John William Towell, of Regentstreet, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in the manufacture of helmets, hats, cap peaks, and other articles usually made of patent leather."

As set forth in his petition, recorded in the said

office on the 26th day of May, 1877.

2081. And Edwin Powley Alexander, of 14, Southampton-buildings, in the county of Middlesex, Consulting Engineer and Patent Agent, has given the like notice in respect of the invention of "improvements in the manufacture and construction of corsets and suspenders for ladies and children."—A communication to him from abroal by Lucien Calvin Warner, of the city, county, and State of New York, in the United States of America.

2085. And Arnold Budenberg, of the city of Manchester, and Ferdinand Hurter, Doctor of Philosophy, of Widnes, in the county of Lancaster, have given the like notice in respect of the invention of "improvements in pressure vacuum and speed gauges and recorders."—Partly a communication to them from abroad by Bernhard August Schaffer and Christian Frederick Budenberg, of Buckau-Magdeburg, Germany, and partly the result of invention

and discovery of their own.

2094. 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 electric light apparatus."—A communication to him from abroad by the firm of Lontin and Company, of Paris, France:

As set forth in their respective petitions, all recorded in the said office on the 29th day of

May, 1877.

2098. And Herbert John Haddan, of the firm of Herbert and Company, Patent Agents, of 67, Strand, in the city of Westminster, Civil Engineer, has given the like notice in respect of the invention of "improvements in self-lubricating journals and journal boxes."—A communication to him from abroad by Peter Sweeney, Engineer, and William Edward Cooper, Merchant, both of New York, United States of America.

2099 And Herbert John Haddan, of the firm of Herbert and Company, Patent Agents, of 67, Strand, in the city of Westminster, Civil Engineer, has given the like notice in respect of the invention of "improvements in compounds for lubricating and other purposes."—A communication to him from abroad by Peter Sweeney, Engineer, and William Edward Cooper, Merchant, both of New York, United States of America.

As set forth in his respective petitions, both recorded in the said office on the 30th day of May, 1877.

2116. And Aaron Bradshaw, of Accrington, in the county of Lancaster, has given the like notice in respect of the invention of "improvements in the construction of pressure-gauges." As set forth in his petition, recorded in the said office on the 31st day of May, 1877.

2147. And François Delori, of Paris, Boulevard de Strasbourg, No. 23, Engineer, has given the like notice in respect of the invention of "an improved apparatus for measuring, controlling, and registering juices of beetroot, alcohols, and liquids in general."

As set forth in his petition, recorded in the said

office on the 1st day of June, 1877.

2204. 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 "improved means of closing and securing grain or other bags."—A communication to him from abroad by Andrew Mitchell Underhill, of the city, county, and State of New York, United States of America.

C 2