Auguste Chiffray, of Maromme (Seine), France, 1 Manufacturer.

3791. And Louis Jean François Lemeunier and Charles Alfred Martin, Civil Engineer and Chevalier of the Legion of Honour, both of the city of Paris, in the Republic of France, have given the like notice in respect of the invention of "improvements in the mode of and apparatus for heating railway carriages, public buildings, green houses, prisons, and apartments."

3757. And William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, has given the like notice in respect of the invention of "improved apparatus for sizing warps."-A communication to him from abroad by Jules Groshen, of Paris, in the Republic of France.

As set forth in their respective petitions, all recorded in the said office on the 3rd day of

November, 1874.

3803. And William Edward Gedge, of No. 11 Wellington-street, Strand, in the county of Middlesex, Patent Agent, has given the like notice in respect of the invention of "an improved screw-cutter or screw-stock."-A communication to him from abroad by Wilhelm Schmitz, of Ehrenfeld, near Cologne, Prussia.

3807. And John Henry Johnson, of 47, Lincoln'sinn-fields, in the county of Middlesex, Gentleman, has given the like notice in respect of the invention of "improvements in apparatus for drawing or raising water or other liquids."—A communication to him from abroad by Philibert Vabe and Hippolyte Cuan, both of Paris, in the Republic of France, Engineers.

3812. And William Sumner, of Salford, in the county of Lancaster, and Eric Hugo Waldenström, of the same place, Engineers, have given the like notice in respect of the invention of "improvements in the manufacture of copper

singe plates."

As set forth in their respective petitious, all recorded in the said office on the 4th day of

November, 1874.

3813. And Thomas Webster Rammell, of 4, Westminster-chambers, Westminster, in the county of Middlesex, Civil Engineer, has given the like notice in respect of the invention of "improvements in centrifugal machines for throwing air and other fluids, and communicating motive power thereby."

3825. And Samuel Morley, of 6, William-street, Stockton-on-Tees, has given the like notice in respect of the invention of "improvements in

apparatus for signalling on railways.

As set forth in their respective petitions, both recorded in the said office on the 5th day of November, 1874.

3830. And Bernardo Sheil, of South Kensington, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in the manufacture of blocks for paving roads and ways."

As set forth in his petition, recorded in the said office on the 6th day of November, 1874.

3852. 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 machinery for making cigarettes."-A communication to him from abroad by "La Société Civile et Particulière des Brevets de Susini," represented by Court Joseph de Susini-Ruiseco, of Paris, France.

As set forth in his petition, recorded in the said office on the 7th day of November, 1874.

3864. And Joseph Taylor and Joseph Samuel Taylor and Stephen William Challen, all of Birmingham, in the county of Warwick, Machinists, have given the like notice in respect of the invention of "improvements in machinery for the manufacture of nuts for screws.

As set forth in their petition, recorded in the said office on the 9th day of November, 1874.

3890. And Harry Whiteside Cook, of Brompton, in the county of Middlesex, Barrister-at-Law, has given the like notice in respect of the invention of "improvements applicable to locomotive engines for the purpose of economizing fuel.

3891. And William James Burgess and Charles Thomas Burgess, both of Brentwood, in the county of Essex, have given the like notice in. respect of the invention of "improvements in

reaping and mowing machines."

3893. And John Henry Johnson, of 47, Lincoln'sinn-fields, in the county of Middlesex, Gentleman, has given the like notice in respect of the invention of "improvements in the manufacture of tubular or hollow wooden articles or utensils and in the machinery or apparatus employed therein."—A communication to him from abroad by the firm of Goulas and Company, of Senlis, Oise, in the Republic of France.

As set forth in their respective petitions, allrecorded in the said office on the 11th day of

November, 1874.

3930. And John Lott, of Hackney, in the county of Middlesex, has given the like notice in respect of the invention of "improved composition for prevention of potatoe disease applicable also for dressing and manuring land for other agricultural purposes.

As set forth in his petition recorded in the said office on the 14th day of November, 1874.

3959. And James Starley, of Coventry, in the county of Warwick, Mechanician, has given the like notice in respect of the invention of "improvements in velocipedes, part of which improvements is applicable to other wheel vehicles.

As set forth in his petition, recorded in the said office on the 17th day of November, 1874.

4060. And Edwin James Grice, of Newport, in the county of Monmouth, Manufacturer, has given the like notice in respect of the invention of "improvements in chairs for supporting the rails of railways."-A communication to him from abroad by R. S. Kirkpatrick, of Brussels, in the Kingdom of Belgium.

4063. And Alexander Melville Clark, Chancery-lane, in the county of Middlesex, Patent Agent, has given the like notice in respect of the invention of "improvements in chemical telegraphs, comprising automatic transmitting and receiving instruments, circuits, and apparatus connected therewith, part of the said improvements being also applicable to other telegraphs."—A communication to him from abroad by William Edward Sawyer, of Washington, District of Columbia, United States of America.

As set forth in their respective petitions, both recorded in the said office on the 26th day of November, 1874.

104. 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 means of suspending and controlling the motion of berths, cabins, sofas,