apparatus."—A communication to him from abroad by Thomas Sutcliffe Mort and Eugene Dominique Nicolle, both of Sydney, in the Colony of New South Wales.

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

July, 1869.

2247. And Hugh Greaves, Civil Engineer, 22, Abingdon-street, Westminster, has given the like notice in respect of the invention of "improvements in the construction of the permanent way of railways and tramways, and the carriages and engines used thereon."

2250. And John Dewe, of the city of Toronto, in the county of York, in the Province of Ontario, Post Office Inspector, has given the like notice in respect of the invention of "improvements in mail bags, and in apparatus for fastening such bags, boxes, and othes receptacles or articles where the security of a seal is required."

2257. And David Hunter Brandon, of 13, Rue Gaillon, Paris, Empire of France, Civil Engineer, has given the like notice in respect of the invention of "improvements in metallic cartridges, their primers, and in the methods of manufacturing the same."—A communication to him by Burkley Benjamin Hotchkiss, of 13, Rue Gaillon, Paris, Empire of France.

As set forth in their respective petitions, all recorded in the said office on the 24th day of

July, 1869.

2260. And Joseph Holding, of Manchester, in the county of Lancaster, Machinist, and James Eccles, of the same place, Weaver, have given the like notice in respect of the invention of "improvements in looms for weaving."

2269. And John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, has given the like notice in respect of the invention of "improvements in the treatment of night soil and other waste products, and for the manufacture of manure therefrom."—A communication to him from abroad by James Alexander Manning, of St. Pierre lez Calais, in the French Empire.

2270. And Richard Shaw, of Higher Walton, near Preston, in the county of Lancaster, and Robert Lakin, of Manchester, in the same county, Machinist, have given the like notice in respect of the invention of "certain improve-

ments in carding engines."

As set forth in their respective petitions, all recorded in the said office on the 26th day of July, 1869.

2272. And Constantine Henderson, of Grace-church-street, in the city of London, Architect, has given the like notice in respect of the invention of "improvements in girders used in the construction of arches or otherwise combined with iron, timber, stone, or brickwork."

2275. And Isaiah Barker, of Stourbridge, in the county of Worcester, Manufacturer, has given the like notice in respect of the invention of "improvements in the manufacture of coffered

spades and shovels."

2278. And John Windle, of Sheffield, in the county of York, Tyre Roller, has given the like notice in respect of the invention of "improvements in rolling hoops or tyres of iron or steel." As set forth in their respective petitions, all recorded in the said office on the 27th day of July, 1869.

2283. And Hugh Gillan and George Crawford, both of Glasgow, in the county of Lanark, North Britain, Mechanics, have given the like notice in respect of the invention of "improvements in apparatus for spinning or twisting and rolling tobacco."

As set forth in their petition, recorded in the said office on the 28th day of July, 1869.

2294. And Theodore Frelinghuysen Taylor, of Philadelphia, Pennsylvania, United States of America, now of No. 8, Southampton-buildings, London, has given the like notice in respect of the invention of "improvements in machinery for manufacturing metal tubes."

As set forth in his petition, recorded in the said

office on the 29th day of July, 1869.

2299. And Alexandre Paténe, Joiner, Felix Bardoux, Joiner, and Gustave Jurié, Householder, all of No. 6, Rue des Filles du-Calvaire, in the city of Paris, have given the like notice in respect of the invention of "improvements in the process of reproducing on wood all engravings through aqua fortis."

2300. And Jean Baptiste Barreau Pinchon, of the city of Amiens, in the Department of the Somme, France, Brazier, has given the like notice in respect of the invention of "improved

apparatus for condensing steam."

2305. And Charles Newbold Eyland, of Walsall, in the county of Stafford, Manufacturer, has given the like notice in respect of the invention of "improvements in buckles for articles of dress."

As set forth in their respective petitions, all recorded in the said office on the 31st day of July, 1869.

2322. And Edward Beanes, of Cordwalles, near Maidenhead, in the county of Berks, has given the like notice in respect of the invention of "an improved process for re-working wrought iron."

As set forth in his petition, recorded in the said office on the 3rd day of August, 1869.

2362. And Henry Brandreth, of Manchester, in the county of Lancaster, Mechanic, has given the like notice in respect of the invention of "an improved arrangement and construction of cutter to be employed in the manufacture of saw handles and other articles of a similar description."

As set forth in his petition, recorded in the said office on the 7th day of August, 1869.

2389. And Samuel Hutchinson, of Leeds, in the county of York, Leather Dresser, has given the like notice in respect of the invention of "improvements in machinery or apparatus for striking-out' leather."

2395. And Samuel Joseph Woodhouse, of Holbeck, Leeds, in the county of York, Gas Inspector, has given the like notice in respect of the invention of "improved apparatus for purifying and regulating the supply of gas to burners, and also for an improved standard tap."

As set forth in their respective petitions, both recorded in the said office on the 10th day of August, 1869.

2465. 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 the manufacture of boots and shoes, and in machinery or apparatus employed therein."—A communication to him from abroad by Nathan Adolphus Baldwin, of Milford, New Haven, United States of America.