

1218. To John Fletcher, senior, John Fletcher, junior, and William Fletcher, of the Eagle Foundry, Salford, in the county of Lancaster, Engineers and Iron Founders, for the invention of "an improved mode of and apparatus for lubricating the wheels of velocipedes and other wheels and pulleys."

On their petition, recorded in the Office of the Commissioners on the 21st day of April, 1869.

1235. To George Dania, of Rochdale, in the county of Lancaster, Machine Maker, and John Stott, Thomas Stott, Robert Stott, and Samuel Stott, of Wardle, near Rochdale aforesaid, Woollen Manufacturers, for the invention of "certain improvements in carding engines."

1237. To James Eccles, of Black-lane, Radcliffe, in the county of Lancaster, for the invention of "improvements in apparatus for 'lessing' warps in machines called 'slashers.'"

1238. To George White, of 68, Queen-street, Cheapside, in the city of London, Patent Agent, for the invention of "a ship-weir or moveable dam for cleaning and appropriating the bed or course of rivers or other running navigable streams."—A communication to him from abroad by Mr. Johann Nepomuc Moerath, of Vienna, in the Empire of Austria, Naval Engineer.

1241. And to Mark Hillary, of Andover, in the county of Hants, Surveyor and Engineer, for the invention of "improvements in harrows or drags."

On their several petitions, recorded in the Office of the Commissioners on the 22nd day of April, 1869.

1247. To William Palliser, of the Army and Navy Club, Pall Mall, in the county of Middlesex, and Thomas English, of Wandsworth, in the county of Surrey, for the invention of "improvements in screw bolts, bolt-holes, nuts, and washers for armour-plated structures."

1248. To Newton Wilson, of No. 144, High Holborn, in the parish of St. George's Bloomsbury, in the county of Middlesex, Sewing Machine Manufacturer, for the invention of "improvements in velocipedes."

1250. To William Alexander Lyttle, of the Grove, Hammersmith, in the county of Middlesex, Engineer, for the invention of "improvements in voltaic batteries for telegraphic and other purposes."

1251. To George Tomlinson Bousfield, of Loughborough-park, Brixton, in the county of Surrey, for the invention of "improvements in sheep washing apparatus."—A communication to him from abroad by William Wright and Henry Dale Edwards, both of Melbourne, in the colony of Victoria, Engineers.

1252. To Samuel Smith, of Derby, in the county of Derby, for the invention of "an improved axle and axle box for railway carriages and waggons."—A communication to him from abroad by George Smith, residing at Vitbsk, in the empire of Russia.

1253. To William Bruce Dick, of Glasgow, in the county of Lanark, North Britain, Merchant, for the invention of "improvements in apparatus for extinguishing fires."

1254. To John Whittaker, of the Sun Iron Works, Oldham, in the county of Lancaster, for the invention of "improvements in machines for moulding wheels."

1255. To Henry Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "an improved mode of, and apparatus for,

preventing the bursting of steam boilers."—A communication to him from abroad by James Craig Cochrane, of Rochester, in the State of New York, United States of America.

1256. To Henry Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "improvements in puddling iron."—A communication to him from abroad by Charles Hewitt, of Trenton, in the State of New Jersey, United States of America.

1257. To Thomas Wilson, of Birmingham, in the county of Warwick, Gun Manufacturer, for the invention of "improvements in cartridges for breech-loading fire arms."

1258. And to Edmund Tatham, of the town and county of the town of Nottingham, and of Ilkeston, in the county of Derby, Manufacturer, for the invention of "improvements in the construction of levers and of 'nebs,' or thread carriers for warp machines."

On their several petitions, recorded in the Office of the Commissioners on the 23rd day of April, 1869.

1263. To Alfred Muir, of the firm of William Muir and Company, of the Britannia Works, Strangeways, in the city of Manchester, in the county of Lancaster, Machine Tool Makers, for the invention of "improvements in stocks and dies for screwing bolts and other articles."

1264. To Jacob Weigel and Barnett Weigel, trading under the title of Weigel, Brothers, Goldsmiths and Jewellers, of No. 384, City-road, and of No. 33, Rue Montmartre, Paris, for the invention of "improvements in the manufacture of shirt studs and solitaires."

1265. To Robert Foster, of Liscard, in the county of Chester, Cement Manufacturer, for the invention of "improvements in machinery for crushing and pulverizing."

1266. To John Heal, of Axminster, in the county of Devonshire, for the invention of "improvements in harrows for working or cultivating the soil."

1267. To Samuel Brooke, of Brighouse, in the county of York, Card Maker, for the invention of "improvements in, or applicable to, machinery or apparatus for carding and otherwise preparing wool or other fibrous substances for spinning."

1268. To James Crabtree, of Sheffield, in the county of York, Saw Trimmer and Dealer in Saws, for the invention of "improvements in machinery for cutting shives, bungs, corks, spiles, or other taper pegs."

1269. To Charles Denton Abel, of No. 20, Southampton-buildings, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "improvements in velocipedes."—A communication to him from abroad by Léon Mangin, of No. 23, Boulevard de Strasbourg, Paris, in the Empire of France, Civil Engineer.

1271. To Donald Archibald Sinclair Mackintosh, of Glasgow, in the county of Lanark, North Britain, for the invention of "a new or improved cask spile."

1272. To Alexander Jack, of Maybole, in the county of Ayr, North Britain, for the invention of "improvements in reaping and mowing machines."

1273. To Alexander Clark, of 53, Chancery-lane, and of Rathbone-place, both in the county of Middlesex, Engineer, for the invention of "improvements in reaping and mowing machines."—A communication to him from abroad by Samuel Clark Ridgway, of Baltimore, in the State of Maryland, United States of America.