

1246. And to Edward Aikman Morgan, of Paisley, in Renfrewshire, North Britain, Thread Manufacturer, for the invention of "improvements in the manufacture of the glass rings employed in spinning, twisting, and thread making machines of the class commonly known as ring and traveller throstles."

On both their petitions, recorded in the Office of the Commissioners on the 16th day of April, 1868.

1313. To Thomas Layzell Scowen, of Allen-road, South Hornsey, in the parish of Hornsey, in the county of Middlesex, for the invention of "an improved method of fastening the button boot without the use of button holes."

On his petition, recorded in the Office of the Commissioners on the 22nd day of April, 1868.

1342. To Thomas Telford Macneill, of No. 23, Cockspur-street, Charing-cross, in the county of Middlesex, for the invention of "improvements in apparatus for indicating the distances travelled by cabs and other vehicles, also applicable to the indicating of the fares payable for the distance travelled."

1344. To John Robert Johnson, of Red Lion-square, in the county of Middlesex, for the invention of "improvements in repeating fire arms."

1346. To Daniel Cole Lowber, of New Orleans, Louisiana, United States of America, now of No. 8, Southampton-buildings, Chancery-lane, in the county of Middlesex, for the invention of "an improved wire tie for securing bales of cotton or woollen goods and other merchandise."

1349. To James Wetherilt, of Chapel-street West, Mayfair, in the county of Middlesex, Iron-monger, for the invention of "improved apparatus for scoring or marking at billiards or other similar games."

1350. To William Hawkes Ryland, of Birmingham, in the county of Warwick, Manufacturer and Factor, for the invention of "improvements in fastenings for articles of dress and jewellery."

1351. To James Dewar, Doctor of Medicine, residing in Kirkcaldy, North Britain, for the invention of "improvements in making and preserving manure."

1352. To William Bartram, of Sheffield, in the county of York, for the invention of "improvements in the manufacture of cartridges."

1353. To William Bartram, of Sheffield, in the county of York, for the invention of "improvements in apparatus for filling, closing, and recapping cartridges."

1354. To George Augustus Welch, of Sydenham, in the county of Kent, Paymaster Royal Navy, for the invention of "improvements in apparatus for the preservation of life and property at sea."

1355. And to Julian Bernard, of Salisbury-street, Strand, in the county of Middlesex, for the invention of "improvements in preparing and dressing ores and minerals, and in the machinery or apparatus employed therein."

On their several petitions, recorded in the Office of the Commissioners on the 24th day of April, 1868.

1356. To Thomas Frederick Cashin, of Sheffield, in the county of York, Civil Engineer, for the invention of "improvements in apparatus for actuating and regulating the working of railway signals and the points and switches of rails (a part of which is applicable for other purposes), and also in the mode of fish-jointing rails."

1357. To William Nelson Hutchinson, of Wellesbourne, near Bideford, in the county of Devon, a Lieutenant-General in Her Majesty's Army, for the invention of "improvements in apparatus for receiving and absorbing or checking the recoil of ordnance."

1358. To Gervase Marson, of Eagley, near Bolton, in the county of Lancaster, for the invention of "certain improvements in the method of and means for retaining the outer ends of tapes, ribbons, and other similar narrow fabrics and paper."

1359. To Joseph Craven, of the firm of D. and I. Craven, of Thornton, near Bradford, in the county of York, Shawl Manufacturers, for the invention of "improved means or apparatus for producing the 'barrel fringe' or tassel fringe on shawls."

1360. To Joseph Holding and Richard Holding, both of Wheelton, in the county of Lancaster, for the invention of "improvements in healds employed in looms for weaving."

1361. To Peter Spence, of Newton Heath, Manchester, in the county of Lancaster, Manufacturing Chemist, for the invention of "improvements applicable to the purification of gas used for illumination."

1362. To Alfred Willmer Pocock, of Pimlico, in the county of Middlesex, for the invention of "improvements in working valves of steam and other engines."

1363. To Richard Cocker, of 21, Cockspur-street, Charing-cross, Westminster, in the county of Middlesex, Publisher of the Scientific Review and Journal of the Inventors' Institute, for the invention of "improvements in purifying, seasoning, and preserving wood, and making it water and fire proof."—A communication to him from abroad by Theodore William Heinemann, of the city of New York, in the United States of America.

1364. To Charles Drake, of 17, Renfrew-road, Kennington, in the county of Surrey, for the invention of "improvements in constructing concrete buildings, and in apparatus used therein."

1365. To Alexander Clark, of 53, Chancery-lane, in the county of Middlesex, Engineer, for the invention of "improvements in steam generators and furnaces."—A communication to him from abroad by S. Lloyd Wiegand, of Philadelphia, in the State of Pennsylvania, United States of America.

1366. To Alexander Parkes, of Birmingham, in the county of Warwick, for the invention of "improvements in the manufacture of varnishes."

1367. To James Atkins, of the firm of Robert Walter Winfield and Company, of Birmingham, in the county of Warwick, Merchants and Manufacturers, for the invention of "improvements in ornamenting sheets or plates of metal."

1368. To Thomas Pemberton, of Birmingham, in the county of Warwick, Brass Founder, and Thomas Hughes, of Birmingham aforesaid, Brass Finisher, for the invention of "improvements in supports for fire irons."

1369. And to Frank Clarke Hills, of the Chemical Works, Deptford, in the county of Kent, Manufacturing Chemist, for the invention of "improvements in the manufacture of gas, and in the purification of 'gas liquor,' and in utilizing gas tar and crude hydro carbon oils, and in furnaces for effecting the combustion of the said gas tar or hydro carbon oils."

On their several petitions, recorded in the Office