

1316. And to George Hadfield, of Carlisle, in the county of Cumberland, Varnish Manufacturer, for the invention of "improvements in the mode of and apparatus for forming casks or barrels."

On their several petitions, recorded in the Office of the Commissioners on the 27th day of May, 1859.

1317. To Bernhard Samuelson, of Banbury, in the county of Oxford, for the invention of "improvements in machines for cutting roots and other vegetables."

1318. To Thomas Wilson, of Birmingham, in the county of Warwick, Engineer, for the invention of "improvements in breech loading fire-arms and ordnance."

1319. To Walter Crum, of Thornliebank, in the county of Renfrew, Bleacher and Calico Printer, for the invention of "improvements in printing and dyeing textile fibres and fabrics."

1320. To William Henry Graveley, of Upper East Smithfield, in the county of Middlesex, Engineer, for the invention of "improvements in apparatuses for purifying and aerating sea water, parts of which may be employed for cooking and baking purposes."

1321. To Richard Archibald Brooman, of 166, Fleet-street, in the city of London, E.C., Patent Agent, for the invention of "improvements in machinery for cleaning, grinding, and bolting corn and other grain."—A communication from abroad by Jean Baptiste Falguière, of Marseilles.

1322. To Joseph Oldbury, Gun and Pistol Maker, of Summer-row, Handsworth, in the county of Stafford, for the invention of "improvements in breech-loading fire-arms, applicable to pistols, muskets, carbines, and birding or other guns."

1323. And to John Bapty, of Leeds, in the county of York, Foreman, for the invention of "an improved mode of, and apparatus for, manufacturing felted cloth."

On their several petitions, recorded in the Office of the Commissioners on the 28th day of May, 1859.

1324. To Marcus Davis, of 5, Lyon's-inn, Strand, in the city of Westminster, Caoutchouc Wheel Manufacturer, for the invention of "improvements in the construction of wheels, axles, and boxes for carriages."

1325. To Archibald Smith, Engineer, of 69, Princes street, Leicester-square, London, for the invention of "improvements in machinery for making lines, ropes, and cables, for telegraphic and other purposes."

1326. To Weston Grimshaw, of Bowdon, in the county of Chester, Gentleman, for the invention of "certain improvements in machinery for compressing bricks, tiles, artificial fuel, and other similar articles."

1327. To Edgar Breffit, of 61, King William-street, in the city of London, Glass Manufacturer, for the invention of "improvements in machinery or apparatus for the manufacture of hollow corks."

1328. To John Bruce, of Tiddington, near Stratford-on-Avon, in the county of Warwick, Agricultural Implement Maker, for the invention of "an improvement in agricultural drills."

1329. To William Gossage, of Widnes, in the county of Lancaster, Chemist, for the invention of "improvements in the manufacture of iron and steel."

1330. To James Fry, of Wrotham, Sevenoaks, in the county of Kent, Miller, for the invention of "an improvement in mills for grinding."

1331. To Oliver Maggs, of Bourton, in the county of Dorset, for the invention of "improvements in harrows."

1332. To William Green, of Victoria Works, Dod-street, Limehouse, in the county of Middlesex, for the invention of "improvements in washing or purifying and treating sugar."

1333. To Isaac Blackburn and Robert Blackburn, both of Long Eaton, in the county of Derby, Engineers, for the invention of "improvements in locomotive or traction engines, and in implements connected therewith for cultivating the soil."

1334. To James Lee Norton, of Belle Sauvage-yard, Ludgate-hill, in the city of London, for the invention of "improvements in machines for stretching and drying fabrics and in drying wool and other fibres."

1335. To Arthur Mickelthwate, Joseph Peace and Samuel Johnstone Hobson, all of Sheffield, in the county of York, for the invention of "improvements in the coating and covering of metallic springs, steel, iron and other metal bands for the use of any kind of machinery, driving bands, or straps, ribs suitable for umbrellas and parasols, staybusks, and ribs for stays, hats, bonnets, reeds and crinoline, and articles of dress, and other useful purposes."

1336. To Enoch Leeson, of No. 13, Traffic-street, Derby, in the county of Derby, Lace Manufacturer, for the invention of "improvements in machinery for the manufacture of ornamental chenille fringes and braids or other fabrics."

1337. To William Clark, of 53, Chancery-lane, in the county of Middlesex, Engineer and Patent Agent, for the invention of "certain improved means of reefing and shortening sail in ships and other vessels."—A communication from abroad by Enoch Erastus Mulliner, of New York, in the United States of America, Mariner.

1338. And to William Clark, of 53, Chancery-lane, in the county of Middlesex, Engineer and Patent Agent, for the invention of "a new manufacture of leaven."—A communication from abroad by Frederic Ludewig, Manufacturing Chemist, Paris.

On their several petitions, recorded in the Office of the Commissioners on the 30th day of May, 1859.

1340. To James Septimus Cockings, Civil Engineer, of Ann-street, Birmingham, in the county of Warwick, for the invention of "certain improvements in the construction of self-adjusting cases for holding and carrying cartridges of various sizes or gauges, parts of which improvements are also applicable to cartridge-carriers now in use."

1341. To Samuel Carr and George Butterworth, of the firm of Carr and Butterworth, of Leeds, in the county of York, Manufacturers, for the invention of "improvements in the manufacture of felted cloth, and in the machinery or apparatus employed in such manufacture."

1342. To Edwin Archer Wood, of Victoria-terrace, Notting-hill, in the county of Middlesex, of the Peninsular and Oriental Steam Navigation Company and Martin Dadd Rogers, of Bromley, in the county of Middlesex, Shipwright, for the invention of "improved apparatus for raising and lowering boats."

1343. To James Wansbrough, of Bridge-street, in the borough of Southwark, Gentleman, for the invention of "improvements in the construction of stereoscopes."—A communication from abroad by Egbert Moxham, of Bruges, in the Kingdom of Belgium.