

3363. To James Anderson, of Newton, in the county of Ayr, North Britain, for the invention of "improvements in arrangements and apparatus for obtaining motive power."

3365. To William Rowan, of the firm of John Rowan and Sons, of Belfast, in the county of Antrim, Engineers, for the invention of "improvements in machinery for cleaning and preparing flax, hemp, and other fibrous material, and for reducing the same to tow."

3366. To George Allix, of Saint Heliers, Jersey, Shipwright, for the invention of "improvements in apparatus for raising and lowering window blinds, windows, maps, and other articles, and retaining them in any required position."

3369. And to Samuel Jacobs, of High Ousegate, York, for the invention of "an improved process for preparing wood and other materials preparatory to ornamenting or graining the same, and also for finishing materials so prepared when ornamented or grained, and for finishing wood and other materials when painted or grained but not prepared by the said process."

On their several petitions, recorded in the Office of the Commissioners on the 21st day of December, 1866.

3373. To Joseph Sloper, of Walbrook House, Walbrook, in the city of London, Civil Engineer, for the invention of "improved means of, and apparatus for, obtaining motive power applicable for driving machinery and for ventilating mines, buildings, ships, and other spaces."

3374. To Andrew Shanks, Engineer, of 6, Robert-street, Adelphi, Westminster, for the invention of "certain improvements in making metallic hoops."

3375. To Francis Northall, of Rowley Regis, in the county of Stafford, Furnace Manager, and Richard Turnley, of Withymoor, near Dudley, in the county of Worcester, Furnace Manager, for the invention of "improvements in water tuyeres."

3377. To Algernon Sydney Ayre and Horatio Harriman Ayre, both of 24, High-street, Kingston-upon-Hull, for the invention of "improvements in means or apparatus for drying wheat, barley, rice, and other grain, which improvements are also applicable to the drying of seeds, coffee, and other matters."

3379. To Samuel Mitchell and John Mitchell, of Cranbourn-street, Leicester-square, in the county of Middlesex, for the invention of "improvements in the construction of venetian blinds, and in mechanism to be used in connection therewith."

3381. And to William Clark, of 53, Chancery-lane, in the county of Middlesex, Engineer, and Patent Agent, for the invention of "improvements in boots and shoes."—A communication to him from abroad by George Washington Tollhurst, of New York City, in the United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 22nd day of December, 1866.

3387. To Francis Alton Calvert, of the city of Manchester, Engineer, for the invention of "improvements in machinery for carding and cleaning fibrous substances."

3389. To Joseph Rodgers, of Hunslet, near Leeds, in the county of York, for the invention of "improvements in drums, pulleys, glazers, and cones."

3393. To Robert Howe Ashton, of Ashton-on-Mersey, in the county of Chester, Gentleman, for the invention of "improvements in pro-

ducing printing surfaces and carvings from moulds, obtained by the aid of photography."

3394. And to Cornelius Varley, of 337, Kentish-town-road, in the county of Middlesex, and Samuel Alfred Varley, of 66, Roman-road, Holloway, in the said county of Middlesex, Telegraph Engineers and Contractors, for the invention of "improvements in the means and apparatus for generating electricity."

On their several petitions, recorded in the Office of the Commissioners on the 24th day of December, 1866.

3395. To Thomas Brown Jordan, of South Lambeth, in the county of Surrey, Mechanical Engineer, and John Darlington, of Moorgate-street-chambers, in the city of London, Mining Engineer, for the invention of "improvements in machinery for applying hydraulic power to mining and other purposes."

3397. And To James Fletcher and William Carr, both of Blackburn, in the county of Lancaster, Machinists, for the invention of "improvements in or applicable to machines for sizing yarns or threads preparatory to weaving, parts of which improvements are applicable to other purposes."

On both their petitions, recorded in the Office of the Commissioners on the 26th day of December, 1866.

3401. To William Bradburn, of Wednesfield, Wolverhampton, in the county of Stafford, Artificial Manure Manufacturer, for the invention of "improvements in treating excrementitious matters and other refuse matters for the purpose of obtaining valuable products therefrom, and in apparatus to be employed for that purpose."

3405. To William Clark, of 53, Chancery-lane, in the county of Middlesex, Engineer and Patent Agent, for the invention of "improvements in valves."—A communication to him from abroad by Samuel Joseph Peet, of New York City, in the United States of America.

3407. To Edward Storey, of the town and county of Lancaster, Manufacturer, for the invention of "improvements in or applicable to marine, locomotive, stationary, and other steam boilers."

3408. To Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, for the invention of "an improved drying apparatus."—A communication to him from abroad by Gilbert Daniel Jones, of the city and State of New York, in the United States of America.

3409. To William Henry Cutler, of Eton, in the county of Bucks, Civil Engineer, and Thomas Brown, of Grove-villas, Victoria Park, in the county of Middlesex, Civil Engineer, for the invention of "improvements in cocks for stopping and regulating the flow of steam, water, and other fluids."

3410. To Francis Watkins, of the London Works, Birmingham, in the county of Warwick, for the invention of "improvements in machinery for cutting, punching, and shaping metals for screw nuts and like articles."

3411. To Henry Bollmann Condy of Battersea, Manufacturing Chemist, for the invention of "improvements in the manufacture of chlorine, and in preparations for evolving chlorine, for disinfecting and other purposes."

3412. To Francis Watkins, of the London Works, Birmingham, in the county of Warwick, for the invention of "improvements in machinery for shaping and forging metals in to rivets, bolts, screw-blanks, and like articles."