

France, and partly of an invention made by himself.

On their several petitions, recorded in the Office of the Commissioners on the 22nd day of September, 1875.

3320. To Alfred Weigel, of No. 21, Mark-lane, in the city of London, for the invention of "improvements in the production of certain colouring matters."

3322. To Charles Andrew Terrey, of St. George's-road, Southwark, in the county of Surrey, for the invention of "improvements in rock drilling or boring machinery."

3324. To Thomas Charles Sorby, of No. 27, Brunswick-square, in the county of Middlesex, Architect, for the invention of "improvements in apparatus for the fastening of windows."

3326. To Frederick Ebenezer Saxby, of 23, Thames-street, Windsor, Liverpool, in the county of Lancaster, for the invention of "certain improvements in valves to be used for the purpose of regulating the supply of steam, compressed air, or water to engines or machines driven by either of the above forces."

3328. To Samuel Knowles, of Tottington, near Bury, in the county of Lancaster, Calico Printer, and James Kay, of Bury aforesaid, Engineer, for the invention of "improvements in apparatus for drying, stretching, steaming, and ageing woven fabrics, and for drying fibrous materials and other substances."

3330. To Samuel Aldred, of No. 5, Maryon-road, Charlton, in the county of Kent, Inspecting Engineer, for the invention of "improvements in railway sleepers."

3332. And to George Gibbs, of Hunslet, in the county of York, for the invention of "an improved method of stoppering bottles intended to contain effervescing liquids."

On their several petitions, recorded in the Office of the Commissioners on the 23rd day of September, 1875.

3334. To William Thomas Sugg, of Vincent Works, Vincent-street, in the city of Westminster, for the invention of "an improved apparatus for indicating the illuminating power of gas."

3336. To Edward William Taylor Jones, of Wolverhampton, in the county of Stafford, Analytical Chemist, for the invention of "improved means for utilising certain material produced in the process of galvanizing iron."

3338. To John Nathaniel Lessware, of Bow, in the county of Middlesex, for the invention of "improvements in the manufacture of glucose or grape sugar, and in obtaining infusions and extracts for brewing and other purposes."

3339. To Johann Carl Adolph Rohde, Engineer, in the city of Hamburg, Germany, for the invention of "improvements in stoves."

3340. To John Crisp Fuller and George Fuller, both of Fenchurch-street, in the city of London, for the invention of "a new or improved galvanic battery applicable to telegraphic and other purposes."

3342. To Robert Smith, of Manchester, in the county of Lancaster, Machinists, for the invention of "improvements in machinery for doubling and winding cotton and other yarns and threads."

3344. To Joseph Rushton Turnock, of Yspitty Works, Loughor, in the county of Carmarthen, for the invention of "an improved method of converting reciprocal into continuous rotary motion, especially applicable to steam and water power engines and treadle machines."

3346. To Christian Schuchardt and Emil Broedel, both of 38, Southampton-buildings, Chancery-lane, London, Locksmiths, for the invention of "improvements in locks and springs for locks."

3348. To Felix Gendebien, of Brüssels, Belgium, Engineer, for the invention of "an improved steam motor for tramways and other railroads."

3350. To Edward Alfred Cowper, of 6, Great George-street, Westminster, in the county of Middlesex, for the invention of "improvements in glass furnaces."

3352. And to Robert Slingsby, of the town and county of Lincoln, for the invention of "improvements in the construction of photographic studios."

On their several petitions, recorded in the Office of the Commissioners on the 24th day of September, 1875.

3354. To Frederick Rooke, of No. 22, George-street, Stonehouse, in the county of Devon, for the invention of "improvements in intensifying coils and contact breakers for electric circuits."

3356. To James Law, of the firm of Samuel Law and Sons, of Cleckheaton, in the county of York, Card Manufacturers, for the invention of "improvements in apparatus for signalling between passengers, guards, and drivers of railway trains."

3358. To Thomas Robinson, of Widnes, in the county of Lancaster, Iron-founder, for the invention of "improvements in apparatus or appliances to be used in the manufacture of sulphates of soda and potassa."

3360. To John Carr, of Askern, in the county of York, Saddler, for the invention of "improvements in horse-collars."

3362. To Arthur Charles Henderson, of No. 6, Southampton-buildings, Holborn, in the county of Middlesex, Patent Agent, for the invention of "improvements in canopies or hoods for application to infants' cots, beds, perambulators, and to hammocks."—A communication to him from abroad by Jules Eugène Boivin, Gentleman, of the city of Paris, in the Republic of France.

3366. And to George Oliver, of the City-road, in the county of Middlesex, for the invention of "improvements in apparatus for use in gymnastic and other exercises or performances."

On their several petitions, recorded in the Office of the Commissioners on the 25th day of September, 1875.

3368. To William Brownhill, junr., of Walsall, in the county of Stafford, Managing Director of the Birchills Hall Iron Company Limited, and Thomas Henry Smith, Roll Turner, also of Walsall aforesaid, for the invention of "certain improvements in rolling strips, hoops, bars, or other sections of iron, steel, or other metals, particularly applicable for certain special purposes, as also appliances therefor."

3369. To Arthur Charles Henderson, of No. 6, Southampton-buildings, Holborn, in the county of Middlesex, Patent Agent, for the invention of "an improved aerial vessel for maritime and fluvial navigation."—A communication to him from abroad by Barthélemy Picard, Gentleman, and Adolphe Laurent, Vicar, both of the city of Paris, in the Republic of France.

3370. To Ernest Grether, of Blackfriars-street, Manchester, in the county of Lancaster, for the invention of "improvements in the class of machinery ordinarily termed ring and traveller throstles, and employed in the spinning and doubling of cotton and other fibrous materials."