

of the Commissioners on the 27th day of April, 1872.

1277. To Samuel George Soame, of Marsham, in the county of Norfolk, Engineer, for the invention of "improvements in elevators for raising and stacking hay, corn, straw, and other similar substances."

1279. To Henry Highton, M.A., of Putney, in the county of Surrey, for the invention of "improvements in submarine or other cables for the conveyance of electricity."

1281. To George Ayres, of 8, Douglas-terrace, New Cross, in the county of Kent, Engineer, for the invention of "improved means of signalling on board vessels, and in appliances connected therewith."

1283. To Charles Woolley and George Herbert Woolley, both of No. 12, Mark-lane, in the city of London, Wine Merchants, for the invention of "improvements in the construction of bottles, decanters, and other similar vessels, and means for closing the same."

1285. And to Edmund Pace and James Henry Howard, both of Bow Common, in the county of Middlesex, for the invention of "improvements in machinery or apparatus for cutting splints."

On their several petitions recorded in the Office of the Commissioners on the 29th day of April, 1872.

1287. To George Edwards, of 4, Park-road-villas, Battersea, in the county of Surrey, Civil Engineer, for the invention of "improvements in cabs and other vehicles or carriages."

1289. To Leonard Cooper, of Manchester, in the county of Lancaster, for the invention of "improvements in machinery and apparatus for transporting passengers goods and other articles."—A communication to him from abroad by Myles Cooper, of Buenos Ayres, in the Argentine Confederation, in South America.

1291. To John Smith, of Cheetham, in the city of Manchester, Bleacher, Dyer, and Finisher, for the invention of "improvements in machinery or apparatus for beetling woven fabrics."

1293. To Charles Duff, of Wandsworth-road, in the county of Surrey, for the invention of "improvements in the treatment of fibrous substances to be used in the manufacture of pulp for paper, and for conversion into spun and textile fabrics."

1297. To Josiah Firth, Sir Charles Henry Firth, Knight, and Edwin Firth, of the firm of Edwin Firth and Sons, of Heckmondwike, in the county of York, Carpet and Woollen Manufacturers, for the invention of "improvements in looms for weaving."

1298. To Sir Joseph Whitworth, Bart., of No. 44, Chorlton-street, in the city of Manchester, for the invention of "improvements in gun carriages."

1299. To James Bending, of 439, Oxford-street, in the county of Middlesex, for the invention of "improvements in apparatus for producing vapours for medicinal purposes."

1301. And to William George Kindred Breavington, of No. 309, Regent-street, in the county of Middlesex, Manufacturer of Reed Organs, and Thomas Isaac Isaacs, of No. 35, Archer-street, in the said county, Foreman to the said William George Kindred Breavington, for the invention of "improvements in reed organs."

On their several petitions, recorded in the Office of the Commissioners on the 30th day of April, 1872.

1303. To William Stebbins Fish, of Glasgow, in the county of Lanark, North Britain, for the invention of "improvements in locking nuts on the bolts used in the fish joints of rails and other situations, and in means employed therefor."—A communication to him from abroad by George Mallory, of Mystic Bridge, Connecticut, United States of America.

1304. To William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for the invention of "improvements in roofing, and in apparatus employed in the manufacture of the same."—A communication to him from abroad by David Gardner Conger, of Chicago, Illinois, United States of America.

1305. To Hermann Hirsch, of No. 25, Craven-street, Strand, in the county of Middlesex, for the invention of "improvements in the form and construction of ships and other vessels."

1306. To Charles Lund, of Fleet-street, in the city of London, Manufacturer, for the invention of "an improved cutting instrument, particularly intended for opening tins of preserved food."

1307. To Lonsdale Bradley, of Rotterdam, in the Kingdom of Holland, but now residing at No. 5, Park-place, Regents Park, in the county of Middlesex, Cement Manufacturer, for an invention of "improvements in the manufacture of cement."

1308. To Charles Henry Southall, of Leeds, in the county of York, for the invention of "improvements in machinery for finishing the bottoms of boots and shoes, and for paring the edges of the soles and heels."

1309. To William Williams Box, of the Gas Works, Crayford, in the county of Kent, for the invention of "improvements in apparatus used in the manufacture of gas."

1310. To Michael Henry, of Fleet-chambers, 68, Fleet-street, in the city of London, Patent Agent, for the invention of "improvements in reeds, sleys, or combs, used in the manufacture of textile fabrics."—A communication to him from abroad by Ernest Georges Eugene Dupa, of 17, Boulevard Saint Martin, Paris.

1312. To Frederick Albert Gatty, of Accrington, in the county of Lancaster, Manufacturing Chemist, for the invention of "improvements in printing and dyeing cotton-fabrics."

1313. To Charles Abdank de Laskarzewski, of Coventry-street, and Henry Kehrmann, of West Brompton, both in the county of Middlesex, for the invention of "improvements in the manufacture of piano-fortes."

1314. To George Browne Smith, of Kennington, in the county of Surrey, for the invention of "improvements in manger logs or balls."

1315. To John Sylvester Hughes, of Port Madoc, in the county of Carnarvon, Civil Engineer, and Charles Easton Spooner, of the same place, Civil Engineer, for the invention of "improvements in the means of obtaining motive power for working railways and tramways."

1316. To James Fielding, of Elm Park, near Liverpool, Gentleman, for the invention of "improvements in steam and water rotatory engines, applicable also for pumping purposes."

1317. To John Hodgkinson, of Bolton, in the county of Lancaster, Cotton Spinner, and Thomas Thornley, of the same place, Mill Manager, for the invention of "improvements applicable to bobbin and fly frames for preparing cotton and other fibrous materials for spinning."