1172. To Henry George Frasi, Engineer, of 80, 1298. To Eustace Carey Prentice, of Stowmarket, Cloudsley-rond, Islington, in the county of in the county of Suffolk, for the invention of Middlesex, for the invention of "improved motor for raising, lowering, propelling, and projecting bodies."

On his petition, recorded in the Office of the Commissioners on the 25th day of March, 1878.

1274. To William Bown, of Birmingham, in the county of Warwick, Manufacturer, for the invention of "certain improvements in springs for gloves and other purposes, and in the means used for securing springs to gloves or other articles."

1275. To Samuel Cohen, of Fore-street, in the city of London, for the invention of "improvements in ventilating waterproof garments.

1276. To Charles Mansfield Lloyd, of Nine Elms, in the county of Surrey, for the invention of "certain improvements in the construction of wooden pavements, and in the formation of the

blocks employed therefor."

1278. To John William Kenyon, of Manchester, in the county of Lancaster, Engineer, for the invention of "improvements in steam engine indicators, partly applicable to other apparatus for promoting economy in the consumption of fuel.

1280. To George Bower and Anthony Spencer Bower, both of St. Neots, in the county of Huntingdon, Engineers, for the invention of "improvements in effecting the protection of

iron and steel."

1282. To William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for the invention of "improvements in numbering machinery or apparatus for printing presses."—A communication to him from abroad by Thomas Sheridan Bowman, of Saint Louis, Missouri, United States of America, Printer.

1284. To John Garrett Tongue, of the firm of Tongue and Birkbeck, Patent Agents and Engineers, of 34, Southampton - buildings. Chancery-lane, in the county of Middlesex, for the invention of "improvements in power looms."-A communication to him from abroad by John Chester Duckworth, of the city, county. and State of New York, United States of

America.

1288. To Patrick Francis Murphy, of the city and county of Cork, Ireland, for the invention

of "improvements in playing cards."

1290. And to Frank Wirth, of the firm of Wirth and Company, Patent Solicitors, at Frankfort on the Main, in the Empire of Germany, for the invention of "improvements in self-acting ash removers."-A communication from Richard Sickel, Doctor of Philosophy, a person resident at Nörten, in the Empire of Germany.

On their several petitions, recorded in the Office of the Commissioners on the 1st day of April,

1878.

1292. To William Frederick Heshuysen, of Zandport, in the Kingdom of Holland, at present of 123, Chancery-lane, in the county of Middlesex, for the invention of "improvements in coffee pots."

1294. To David Denby, of Drighlington, in the county of York, Manufacturer, for the invention of "improvements in machinery or apparatus for combing wool and other fibrous

substances."

296. To Israel Umpleby and Ben Umpleby, both of Cleckheaton, in the county of York, Boiler Makers, for invention of "improvements in machines for rivetting boilers and girders."

improvements in filter presses."

1300. To Samuel Wilkinson Snowden, of 5, Waverley-terrace, Kenilworth, Rathgar, Dublin, for the invention of "improvements in steering

ships."

1302. And to Anker Heegaard, of Copenhagen, Manufacturer, for the invention of "improvements in machinery for converting rotary into reciprocating motion."

On their several petitions, recorded in the Office of the Commissioners on the 2nd day of April, 1878. 1305. To Andrew Betts Brown, of Rosebank Iron Works, Edinburgh, in the county of Edinburgh, for the invention of "improvements in hydraulic capstans and in valves for distributing the fluid pressure to the engines thereof."

1307. To Lauchlan Rose, of 11, Curtain-road, Finsbury, in the county of Middlesex, Lime Juice Merchant, for the invention of "an

improved bottling machine for aërated waters." 1311. To Abraham Holden, of Little Hulton, near Bolton, in the county of Lancaster, Cotton Mill Manager, for the invention of "improvements in carding engines for carding cotton and other fibrous substances."

1312. To Ernest de Pass, of Fleet-chambers, 68, Fleet-street, in the city of London, Patent Agent, for the invention of "improvements in shaping, dressing, and finishing hats, and in apparatus for the purpose."—A communication to him from abroad by Simon Piron, of 17, Boulevart Saint Martin, Paris, France.

1313. To Arthur Charles Henderson, of 6, Southampton-buildings, Holborn, in the county of Middlesex, Patent Agent, for the invention of "improvements in wrenches or spanners."-A communication to him from abroad by Eugène Coulon, a person resident at Rouen, in the Department of Seine Inférieure, in the Republic of France.

1314. To John Smith, of Derby, in the county of Derby, Manufacturer, for the invention of "improvements in racking apparatus, or apparatus for filling casks and other vessels with

1315. To Charles Hickman, of Cardington, in the county of Bedford, for the invention of "improvements in mowing and reaping machines."

1316. To James Saunders Randell, of Corsham; in the county of Wilts, Quarry Master, and Samuel Griffin, of Bath, in the county of Somerset, Engineer, for the invention of "improvements in machinery for getting, sawing; and working of stone and other minerals."

1318. To May Arnold, of Acton, in the county of Middlesex, Spinster, for the invention of " improved incubating apparatus."-A communication to her from abroad by Henri Gustave Voitellier, of Mantes, in the Republic of France.

1319. To William Sharp and Fred Smith, both of Morley, in the county of York, for the invention of "improvements in rag and flock grinding machinery."

1320. To George Williamson, jun., of Rubislaw, in the county of Aberdeen, North Britain, for the invention of "improvements in reaping and

mowing machines." 1321. To Henry Courteen, of Cheltenham, in the county of Gloucester, Agricultural Engineer, for the invention of "improvements in binding sheaves of grain, and in the machinery or

apparatus to be employed therein."

1322. To George Sumner, of Oldham, in the county of Lancaster, Engineer, for the invention of "improvements in steam-traps."