## THE LONDON GAZETTE, FEBRUARY 14, 1868.

- 303. To William Haden Richardson, of Glasgow, in the county of Lanark, North Britain, and William Beardmore, of Parkhead, in the same county, for the invention of "an improved process to be used in the manufacture of iron and steel, and improvements in the apparatus or means to be employed therefor."
- 304. And to William March, Junior, of the town and county of Leicester, Ironfounder, for the invention of "improvements in lasts for boots and shoes."

On their several petitions, recorded in the Office of the Commissioners on the 28th day of January, 1868.

- 314. To Charles Riley, of Whetstone, near Leicester, in the county of Leicester, Machine Proprietor, for the invention of "an improved combined threshing machine frame."
- 316 To William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "improvements in self-acting brakes for carriages."-- A communication to him from abroad by Auguste Bernier, Didier Edouard Nélaton, and David Julien Montandon, all of Rue St. Sebastien, Paris, in the Empire of France.
- 318. To John Henry Johnson, of 47, Lincolu'-s inn-fields, in the county of Middlesex, Gentleman, for the invention of "improvements in disintegrating, scouring, and cleansing raw wool and woollen fabrics.—A communication to him from abroad by Charles Meunier, of Paris, in the Empire of France.
- 319. And to William Robert Lake, of the "International Patent Office," No. 8, Southamptonbuildings, Chancery-lane, in the county of Middlesex, Consulting Engineer, for the invention of "improvements in furnaces or ovens for roasting ores." — A communication to him abroad by Riley Porter Wilson, of the city and State of New York, United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 29th day of January, 1868.

- 320. To Benjamin Dobson, of the firm of Messrs. Dobson and Barlow, of Bolton, in the county of Lancaster, Machine Makers, and William Slater, of the same place, Manager, and Robert Halliwell, of the same place, Foreman, for the invention of "improvements in machines for spinning and doubling."
  321. To James Radcliffe, of Consett Iron Works,
  - 321. To James Radcliffe, of Consett Iron Works, in the county of Durham, for the invention of "improvements in the manufacture of puddled iron and steel into finished bars, plates, or other forms."
- **322.** To John Grimes, of Leicester, in the county of Leicester, Engineer, for the invention of "improvements in machinery or apparatus employed in the preparation or manufacture of the bottoms or soles and heels of boots and shoes."
- 323. To Henry Aland, Iron Founder, of 18, Richard-street, Roupell-street, Lambeth, London, in the county of Surrey, for the invention of "improvements in rotary blowing fans for producing blast for furnaces and other purposes, which improvements may also be applied to air and gas exhausters."
- 324. To Milton Alexander Hamilton, of Detroit, Michigan, United States of America, now of No. 8, Southampton-buildings, Chancery-lane, in the county of Middlesex, for the invention of "an improved apparatus for cutting bread, vegetables, and other substances,"

- 325. To Wilson Hartnell and Stair Guthrie, both of the city of Lincoln, in the county of the same city, Engineers, for the invention of "improvements in, or applicable to, steam and other motive engines, and to engines or apparatus for raising and forcing fluids, or feeding steam boilers."
- 327. To Thomas Rowan, of Glasgow, in the county of Lanark, North Britain, Chemist, for the invention of "improvements in removing impurities, such as sulphur and phosphorus from iron and other ores, and from coal."
- 328. To Benjamin Hayne, of the Mitre Tavern, Broadwall, Blackfriars-road, in the county of Surrey, for the invention of "improvements in the mode of connecting beer engine pipes with their taps."
- 329. To William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "improvements in window sun blinds."—A communication to him from abroad by Jacob B. Moore, of the city and State of New York, United States of America.
- 332. To John Thompson, of 11, Aldersgatestreet, in the city of London, for the invention of "improvements in feeding bottles for invalids and infants."
- 333. And to Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, for the invention of "improvements in adjustable wrenches."—A communication to him from abroad by Pierre Augustin Samuël, Civil Engineer, of 29, Boulevart St. Martin, Paris.

On their several petitions, recorded in the Office of the Commissioners on the 30th day of January, 1868.

- 334. To Charles Henry Adames, of the firm of Thomas Whitfield and Company, of Birmingham, in the county of Warwick, for the invention of "improvements in the manufacture of portable metal buckets or pails and tubs."
- 335. To Edward Fleet, of East-street. Walworth, in the county of Surrey, Mineral Water Manufacturer, for the invention of "improvements in apparatus for the manufacture of aerated liquids."
- 336. To John Walker, of Beeston, near Leeds, in the county of York, Mechanic, and James Hudson, of Bowling. near Bradford, in the same county, Beer Seller, for the invention of "improvements in machinery for turning and cutting wood and other substances."
- 337. To John Henry Johnson, of 47, Lincoln'sinn-fields, in the county of Middlesex, Gentleman, for the invention of "improvements in steam engines."—A communication to him from abroad by Edward Nicoll Dickerson, of New York, United States of America.
- 340. To Henry Chapman, of No. 2, Westminsterchambers, Westminster, in the county of Middlesex, Civil Engineer, for the invention of "improvements in bolts, nuts, and washers."
- 341. To John Mitchell, junior, and George Thomson Graham, both of Dundee, in the county of Forfar, North Britain, Manufacturers, for the invention of "improvements in apparatus for marking or cutting woven fabrics into lengths, such as are required for making sacks."
- 342. To Edward Bolton, of Warrington, in the county of Lancaster, for the invention of "certain improvements in the manufacture of gunpowder and similar explosive compounds."
- 343. To George Lamb Scott, of Manchester, in the county of Lancaster, Engineer, for the invention of "improvements in apparatus for steering ships."