Patent Law Amendment Act, 1852.

Office of the Commissioners of Patents for Inventions.

OTICE is hereby given, that-

476. William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, has given notice at the Office of the Commissioners of his intention to proceed with his application for letters patent for the invention of "improvements in digestors for dissolving quartzose rocks."—A communication to him from abroad by Timothy Hill Iang, of the city of New York, in the United States of America, Machinist.

As set forth in his petition, recorded in the said office on the 22nd day of February, 1860.

- 486. And Daniel Moore Mapple, of No. 1, Clarksplace, Bishopgate-street Within, city of London, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in electric clocks and electric batteries."
- 487. And Thomas Barlow, of Hill Top, West Bromwich, in the county of Stafford, Oil Merchant, has given the like notice in respect of the invention of "a new or improved rail for railways."
- 488. And William Haynes, of Bank-place, Holywell, in the county of Flint, Metallurgist, has given the like notice in respect of the invention of "improvements in obtaining metals from their ores or matrices."
- 494. And John Pegg, of Leicester, Elastic Web Manufacturer, has given the like notice in respect of the invention of "improvements in battens employed in weaving."
- 495. And John Redfern, of Cumberland-road, Southsea, Portsmouth, in the county of Hants, has given the like notice in respect of the invention of "improvements in the construction of steam boilers for increasing the durability thereof, and also for economizing fuel."

As set forth in their respective petitions, all recorded in the said office on the 23rd day of February, 1860.

497. And François Boissau, of Montigny-sur-Sambre, in the Kingdom of Belgium, and 4, South-street, Finsbury, London, has given the like notice in respect of the invention of "improvements in apparatus for the extraction of pit coal and other mineral products."

500. And Samuel Roberts, of Hull, in the county of York, Smith, has given the like notice in respect of the invention of "improvements in steam-engines."

502. And Joseph Bennett Howell, of Sheffield, in the county of York, Steel Manufacturer, has given the like notice in respect of the invention of "improvements in casing ships, batteries, and other structures, for the purpose of resisting shot, shell, and other projectiles."

505. And Jean Joseph Baranowski, of Chalcotterrace, in the county of Middlesex, Engineer, has given the like notice in respect of the invention of "improvements in presses, specially adapted to the copying of letters."

As set forth in their respective petitions, all recorded in the said office on the 24th day of February, 1860.

517. And William Dean, of Derby, in the county of Derby, Weaver, and Charles Peach, of Derby, in the county of Derby, Weaver, have given the

- like notice in respect of the invention of "an improvement in the manufacture of wreaths or trimmings for ladies' bonnets and other articles of dress."
- 523. And James Edward Boyd, of Hither-green, Lewisham, in the county of Kent, Gentleman, has given the like notice in respect of the invention of "improvements in and transmitting motive power from certain parts to certain other parts of lawn mowing, grass cutting and other agricultural, horticultural, and farming machines."

526. And John Lang and Charles Chevalier, of the Submarine Telegraph Works, Birkenhead, have given the like notice in respect of the invention of "improvements in targets."

As set forth in their respective petitions, all recorded in the said office on the 25th day of February, 1860.

- 535. And Robert Barlow Cowley, of Nottingham, in the county of Nottingham, Hat Manufacturer, has given the like notice in respect of the invention of "improvements in the manufacture of plain or ornamental woven or looped fabrics from certain descriptions of yarn, and for the application of such fabrics to the making of various articles of dress and for other uses, such as hats, caps, gloves, hosiery, lace, shawls, mantle and other cloths, curtains, table, umbrella and other covers, such fabrics being made with or without terry, plush or cut pile surfaces."
- 538. And Sydney Foye Shore, of Clifton Hall, in the county of Derby, Gentleman, has given the like notice in respect of the invention of "an improvement in or addition to casks, to prevent their becoming foul."
- 540. And William Munslow and Henry Wallwork, of Miles Platting, near Manchester, in the county of Lancaster, Iron Founders, have given the like notice in respect of the invention of "improvements in weighting and clearing rollers used in machinery for preparing and spinning cotton and other fibrous materials."

As set forth in their respective petitions, all recorded in the said office on the 27th day of February, 1860.

- 542. And Robert Walker, of Eccleston, near Prescot, in the county of Lancaster, Colliery Viewer, has given the like notice in respect of the invention of "improvements in apparatus for preventing accidents in winding from mines, which apparatus is also applicable for other similar purposes."
- 547. And James Waterhouse Midgley, of Keighley, in the county of York, Mechanic, has given the like notice in respect of the invention of "improvements in machinery for spinning wool, mohair, alpaca, and other fibrous substances."

As set forth in their respective petitions, both recorded in the said office on the 28th day of February, 1860.

- 566. And William Krutzsch, of Chamber-street, Goodman's-fields, E., Engineer, has given the like notice in respect of the invention of "improvements in cartridges and projectiles."
- 572. And Jeremiah Driver, of Keighley, in the county of York, Iron Founder, and Joseph Jessop, of Bradford, in the same county, Machine Maker, have given the like notice in respect of the invention of "improvements in means or apparatus used in washing, wringing, and mangling fabrics."