

3391. To William James Criddle of Truro, in the county of Cornwall, Upholsterer, for the invention of "improvements in the mode of and apparatus for washing linen and other substances."

3392. To William Corden, of Datchet, in the county of Bucks, Artist, for the invention of "improvements in lamp globes or glasses."

3393. And to George Tomlinson Bousfield, of Loughborough Park, Brixton, in the county of Surrey, for the invention of "improvements in cooling and barring soap."—A communication to him from abroad by Silas Divine, a person resident at New York, United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 7th day of November, 1868.

3395. To Henry Davis, of Birmingham, in the county of Warwick, Glass Cutter, and Joseph Parsons, of Olswinford, in the county of Worcester, Glass Engraver, for the invention of "a combined tobacco dish and cigar and spill rack."

3396. To William Manwaring, of the Britannia Iron Works, Banbury, in the county of Oxford, for the invention of "improvements in reaping machines."

3397. To Robert McHardy, of Edinburgh, in the county of Mid Lothian, North Britain, for the invention of "an improved implement for hoeing land and removing weeds or superfluous plants therefrom."

3398. To Bristow Hunt, of No. 1, Serle-street, Lincoln's-inn, in the county of Middlesex, Gentleman, for the invention of "an improved woven fabric."—A communication to him from abroad by Antoine Gayet the younger, of Paris, Merchant.

3399. To William Morgan Brown, Engineer, of 13, Rue Gaillon, Paris, in the Empire of France, for the invention of "improvements in man engines for raising water and lowering and raising men."—A communication to him by Peeters Van Dyk, Mining Engineer, of the Hague, Holland.

3401. To William Robert Lake, of the "International Patent Office," No. 8, Southampton-buildings, Chancery-lane, in the county of Middlesex, Consulting Engineer, for the invention of an "improved method of securing a door-knob or other handle upon a spindle."—A communication to him from abroad by Matthew Andrew, of Melbourne, in the colony of Victoria, Australia, Gentleman.

3402. And to John Leveson Leek Sweatnam, of Longton, in the county of Stafford, for the invention of "improvements in kilns for burning bricks, tiles, cements, pottery and porcelain ware, and other articles or substances."

On their several petitions, recorded in the Office of the Commissioners on the 9th day of November, 1868.

3405. To Thomas Rose, of Oxton, in the county of Chester, Ironfounder, and Robert Emerson Gibson, of New Brighton, in the same county, Merchant, for the invention of "improvements in utilizing a certain waste material obtained in treating cotton seed, and in machinery employed therein."

3406. To Philos Blake Tyler, Engineer, of 13, Rue Gaillon, Paris, Empire of France, for the invention of "improvements in splices for connecting the ends of rails on railways."

3407. To John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for the invention of "a mode of, and means

for, utilizing the waste heat of furnaces employed in the manufacture of coal gas."—A communication to him from abroad by Louis Coignard, of Paris, in the Empire of France.

3408. To George Clark, of No. 9, Northumberland-street, Strand, in the county of Middlesex, for the invention of "improvements in the treatment, manufacture, and use of explosive compounds."

3409. To John Hine, of Cockermouth, in the county of Cumberland, Miller, for the invention of "improvements in apparatus for cutting or dressing millstones."

3411. To John Hays Wilson, of Liverpool, in the county of Lancaster, for the invention of "improvements applicable to water closets in ships and vessels."

3412. To James Gregory, of Kingswood Iron Works, near Bristol, in the county of Gloucester, Engineer and Ironfounder, for the invention of "an improved construction of retort, for charring bones to produce animal charcoal."

3414. To Thomas Cain, of Douglas, in the Isle of Man, Millwright, for the invention of "improvements in the method of, and apparatus for, treating potatoes, in order to prepare them for food."

3416. To Otho Giles Abbott, of Harrowgate, in the county of York, Gentleman, for the invention of "an improved apparatus for the distribution of sewage water and other fluids."

3417. To William Riddle, of Larkhall-lane, in the county of Surrey, for the invention of "improvements in hooping bales or banding them with iron, and in apparatus connected therewith, part of which invention is applicable to other purposes."

3418. To Thomas Russell Crampton, of Great George-street, Westminster, for the invention of "improvements applicable to furnaces for burning combustible liquids, either alone or in combination with other fuel."

3419. And to Henry Bessemer, of Queen Street-place, Cannon-street, in the city of London, for the invention of "improvements in the manufacture of cast steel and homogeneous malleable iron, and in the fusion or melting of different kinds or qualities of iron and steel and their alloys, and also in the construction and mode of working the furnaces and apparatus employed for such purposes."

On their several petitions, recorded in the Office of the Commissioners on the 10th day of November, 1868.

3420. To Thomas Vaughan and Emile Watteuu, both of Vulcan Works, Middlesborough-on-Tees, in the county of York, for the invention of "improvements in screw bolts, and in the means for securing the nuts thereon."

3422. To Richard Halliday, of Worsley, in the county of Lancaster, Colliery Manager, for the invention of "certain improvements in apparatus for oiling the axles of wagons used in collieries and for other purposes."

3423. To Edward Madge, of Swansea, in the county of Glamorgan, Gentleman, for the invention of "improvements in the mode of and apparatus for manufacturing tin, terne, and other coated plates."

3424. To William Sparks Thomson, of Cheapside, in the city of London, Manufacturer, for the invention of "improvements in the manufacture of corsets, jackets, mantles, and other like garments."