

2285. And to Thomas Ivory, of Edinburgh, in the county of Mid-Lothian, North Britain, Advocate, for the invention of "improvements in motive power engines, which improvements are also in part applicable as brakes and dynamometers."

On both their petitions, recorded in the Office of the Commissioners on the 18th day of August, 1870.

2305. To Richard Christopher Rapiér, of 5, Westminster-chambers, Westminster, for the invention of "improvements in railway locking apparatus for switches and signals."

On his petition, recorded in the Office of the Commissioners on the 20th day of August, 1870.

2337. To Perceval Moses Parsons, of Melbourne House, Blackheath, in the county of Kent, Civil Engineer, for the invention of "improvements in artificial fuel."

On his petition, recorded in the Office of the Commissioners on the 25th day of August, 1870.

2365. To William Noble Lindsay, of 21, Quality-street, Leith, Scotland, for the invention of "improvements in apparatus for compressing hay or other substances, and putting it up into bales."

On his petition, recorded in the Office of the Commissioners on the 29th day of August, 1870.

2383. To Isham Baggs, of High Holborn, in the county of Middlesex, Scientific Chemist and Engineer, for the invention of "improvements in steam and gas engines."

On his petition, recorded in the Office of the Commissioners on the 1st day of September, 1870.

2393. To Constantine Henderson, of No. 8, Gracechurch-street, in the city of London, Architect, for the invention of "improvements in girders to be used in bridges, subways, viaducts, railway works, and every description of building and other structures."

On his petition, recorded in the Office of the Commissioners on the 2nd day of September, 1870.

2412. To Michael Henry, of Fleet-chambers, 68, Fleet-street, in the city of London, Patent Agent, for the invention of "improvements in the construction of piers, jetties, docks, and other similar structures, and in apparatus employed therein."—A communication to him from abroad by Charles Richard, of 17, Boulevard Saint Martin, Paris, France.

2414. And 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 steam boilers."—A communication to him from abroad by John Benjamin Root, of the city and State of New York, United States of America.

On both their petitions, recorded in the Office of the Commissioners on the 5th day of September, 1870.

2416. To William Walker, of the city of Manchester, Engineer, for the invention of "improvements in propellers, pumps, and blowers."

2418. To Andrew McNiel, of Tiverton, in the county of Devon, Engineer, and William Wheaton, of Exeter, in the same county, Merchant, for the invention of "improvements in the manufacture of salts of ammonia from ammoniacal gas liquor."

2420. To Charles Bottom, of Howard-road, Steel Bank, Sheffield, Mechanic, and Joseph Hallam and Samuel Wesley Hallam, both of Attercliffe-road, Sheffield, Merchants and Manufacturers,

for the invention of "improvements in machinery or apparatus for forming, hardening, tempering, straightening, and cutting paragon or other wires to be used for ribs and stretchers of umbrellas, or other useful purposes."

2422. And to Thomas Murray Gladstone, of York-buildings, in the city of Westminster, Mechanical Engineer, for the invention of "improvements in chimney tops and ventilators."

On their several petitions, recorded in the Office of the Commissioners on the 6th day of September, 1870.

2424. To Andrew Noble, of Newcastle-on-Tyne, in the county of Northumberland, for the invention of "improvements in fuzes."

2426. To Cornelius William Morley, of 42, Clifton-road East, St. John's Wood, London, N.W., for the invention of "improvements in gas burners, and in the construction of the same."

2428. And to John Banks, of Cockermouth, in the county of Cumberland, for the invention of "improvements in window sash and casement fasteners."

On their several petitions, recorded in the Office of the Commissioners on the 7th day of September, 1870.

2429. To William Silcock, of Warrington, in the county of Lancaster, Wire-web Manufacturer, for the invention of "an improved screen-wire for dressing wheat and other grain, which web is also applicable to dressing sieves generally, and for the floors of malt and other drying kilns."

2430. To James Eastwood, of Blackburn, in the county of Lancaster, for the invention of "improvements in apparatus for heating water for steam boilers, and for other purposes, and for an improved vacuum valve to prevent collapse."

2431. To Matthew Lawson, of Leeds, in the county of York, for the invention of "improvements in the manufacture of wearing apparel such as coats, vests, trousers, jackets, shirts, drawers, and other similar articles."

2432. To William Clough and Tom Child, both of Leeds, in the county of York, for the invention of "improvements in machinery or apparatus for tilting barrels."

2433. To John Henry Johnson, of 47, Lincoln's-inn-Fields, in the county of Middlesex, Gentleman, for the invention of "improvements in pipe joints or couplings, applicable also to couplings for rods and shafting."—A communication to him from abroad by William Clare Allison, of Philadelphia, Pennsylvania, United States of America.

2434. To Treat Timothy Prosser, of Chicago, Illinois, United States of America, Engineer, at present residing at 198, Saint Vincent-street, Glasgow, in the county of Lanark, North Britain, for the invention of "a new or improved tube expander and tube cutter combined."

2435. To Edmund Richard Southby, of Shotts, in the county of Lanark, North Britain, Chemist, for the invention of "improvements in distilling mineral oils, and in apparatus therefor."

2436. And to Loftus Perkins, of Seaford-street, Gray's-inn-road, in the county of Middlesex, for the invention of "improvements in the locking gear of the fore carriage of wheeled vehicles."

On their several petitions, recorded in the Office of the Commissioners on the 8th day of September, 1870.