1470. To Julius Arnoldus Ryke Van Den Bergh, of Southsea, in the county of Hants, for the invention of "an improved apparatus for saving property and transmitting messages, in cases of disaster at sea."

On his petition, recorded in the Office of the Commissioners on the 21st day of May, 1870.

1480. To James Macqueen, of Manchester, in the county of Lancaster, Machinist, for the invention of "certain improvements in carding engines."

1481. And to William Edwin Heath, of 23, Camden-road, in the county of Middlesex, Engineer, for the invention of "improvements in cooling or refrigerating beer, liquors, or beverages, and apparatus therefor."

On both their petitions, recorded in the Office of the Commissioners on the 23rd day of May, 1870.

1509. To Charles Topham, of Coleman-street, Bunhill-row, in the county of Middlesex, Engineer, for the invention of "improvements in certain parts of machines for mincing or minutely dividing meat, vegetables, or other similar substances requiring to be minutely divided."

1511. To John McNaught and William McNaught, Junior, both of St. George's Foundry, Rochdale, in the county of Lancaster, Engineers, for the invention of "improvements in machinery or apparatus for washing and drying wool, yarn, and other fibrous materials."

1513. To Charles William Siemens, of No. 3, Great George-street, Westminster, in the county of Middlesex, for the invention of "improvements in regenerative gas furnaces, and apparatus connected therewith, for the manufacture of glass, also partly applicable to regenerative gas furnaces generally." — The result partly of a communication made to him from abroad by Frederick Siemens, of Dresden, in the Kingdom of Saxony, and partly of an invention and discovery made by himself.

1515. To Jonathan Wright Horsfall, of Camden Town, in the county of Middlesex, for the invention of "improvements in ventilating mines."

1517. And to James Shanks, of Arbroath, in the county of Forfar, North Britain, for the invention of "improvements in wheels for traction steam engines and other heavy vehicles."

On their several petitions, recorded in the Office of the Commissioners on the 25th day of May, 1870.

1521. To Richard Cardwell Robinson, of Preston, in the county of Lancaster, for the invention of "improvements in fire grates."

1522. To John Appleton and Robert Craib Ross, both of Manchester, in the county of Lancaster, Tool Makers, for the invention of "an improved process and apparatus for preparing and finishing printed paper."

1523. To George Schück, Merchant, of 13, Idol-lane, in the city of London, for the invention of "an improved machine for watering and sweeping streets."—A communication to him from abroad by Mr. I. Wetzlar, of Berlin.

1524. To David Jones, of Clerkenwell, in the county of Middlesex, for the invention of "improvements in the manufacture and treatment of coal gas for illuminating purposes."

1525. To George Lunge, of South Shields, in the county of Durham, Manufacturing Chemist, for the invention of "improvements in the treatment of esparto grass and other fibrous materials."

1527. To Julian Bernard, of Salisbury-street, Strand, in the county of Middlesex, Gentleman, for the invention of "improvements in blast and other furnaces, and in extracting metals from their ores, and from metallurgical products, in separating and refining such metals, and in the means and apparatus employed for such purposes."

1528. To James Webster, of Birmingham, in the county of Warwick, Engineer, for the invention of "improvements in converters for the manufacture of steel and other metals, refining oil and other liquids."

1529. To William Horton, of Sheffield, in the county of York, Boring Tool Maker, for the invention of "improvements in centre-bits."

1530. To Benjamin Cooper, of Frome, in the county of Somerset, Woollen Cloth Manufacturer, for the invention of "improvements in looms for weaving."

1531. To John Eastwood the elder, of Bradford, in the county of York, Wool Comber, and Henry Walton Whitehead, of Holbeck, in the parish of Leeds, in the said county, a partner in the firm of Taylor, Wordsworth, and Company, of the same place, Machine Makers, for the invention of "improvements in machinery for combing wool, cotton, flax, and other fibrous substances."

1532. 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 looms for weaving."—A communication to him from abroad by Charles Piat, of Paris, in the Empire of France.

1533. To William Arnold, of Barnsley, in the county of York, Engineer, and William Carnelley, of Manchester, in the county of Lancaster, Warehouseman, for the invention of "improvements in steam boilers."

1535. And to William Malam, of New-road, Rotherhithe, in the county of Surrey, Civil Engineer, for the invention of "an improved furnace or apparatus for consuming creosote and other hydrocarbons for the production of heat."

On their several petitions, recorded in the Office of the Commissioners on the 26th day of May, 1870.

1537. To William Astrop, of Homerton, in the county of Middlesex, Paper Maker, for the invention of "improvements in motive power, and in machinery, apparatus, or appliances to be used in connection therewith."

1538. To Alexander Frerichs, of Hamer Hall, New Mill, near Rochdale, in the county of Lancaster, Cotton Spinner, for the invention of "improvements in machinery for spinning and doubling cotton and other fibrous materials."

1539. To John Ingham Taylor, of the city of Manchester, Mechanical Engineer, for the invention of "improvements in washing, churning, and mixing machinery."

1540. To Gottlieb Zeller, of No. 12, Great Prescot-street, Goodman's-fields, in the county of Middlesex, Gun Manufacturer, for the invention of "improvements in fire arms."

1541. To William Morgan, of Rotherhithe, in the county of Surrey, Gentleman, for the invention of "improvements in carriage axles and bearings."

1542. To Richard Gammon, of Warminster-road, Westbury, in the county of Wilts, Contractors' Agent, for the invention of "an improved railway sleeper for permanent ways."