

1617. To John Gray, of Brixton, in the county of Surrey, Engineer, for the invention of "new or improved apparatus for perfecting the combustion of fuel in the furnaces of steam boilers, and for effecting the better ventilation of stoke-holes in general, and of those of over sea steamers in particular."
1619. To Sir Gerald Dalton FitzGerald, Baronet, of 42, Grosvenor-place, in the county of Middlesex, for the invention of "improvements in and applicable to tubular steam boilers."
1620. To Charles John Galloway and John Henry Beckwith, both of Manchester, in the county of Lancaster, for the invention of "improvements in the slide valves of compound steam engines."
1623. And to John Imray, of No. 20, Southampton-buildings, Chancery-lane, in the county of Middlesex, for the invention of "an improved process for smelting zinc and apparatus therefor."—A communication to him from abroad by Oscar Loiseau, of Ougrée, near Liège, in the Kingdom of Belgium, Engineer.
- On their several petitions, recorded in the Office of the Commissioners on the 5th day of May, 1873.
1625. To John Grice and Eli James Harrison, both of Birmingham, in the county of Warwick, Manufacturers, for the invention of "improvements in the manufacture of gridiron steps for carriages."
1626. To John Steen, of Wolverhampton, in the county of Stafford, Printer, Stationer, and India-rubber and Leather Merchant, for the invention of "improved apparatus for heating the feed water for steam boilers."
1627. To Eustace Wigzell and Joseph Pollit, Engineers, of the firm of Timothy Bates and Co., Sowerby Bridge, in the county of York, for the invention of "improvements in steam generators or boilers."
1628. To John Imray, of No. 20, Southampton-buildings, Chancery-lane, in the county of Middlesex, for the invention of "improvements in caloric engines."—A communication to him from abroad by Nicol Auguste Otto, of the Gas-Motoren Fabrik-Deutz, at Deutz, in the German Empire.
1629. To John Brown, of Bolton, in the county of Lancaster, Machine Maker, for the invention of "certain improvements in looms for weaving."
1630. To Herbert John Haddan, of the firm of Herbert and Company, Patent Agents, of 67, Strand, in the city of Westminster, for the invention of "improvements in the treatment of saltpetre, and in machinery therefor."—A communication to him from abroad by Richard Lever, of Valparaiso, in the Republic of Chili.
1631. To Edward Griffith Brewer, of 89, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "improvements in machinery or apparatus for drying applicable to the dressing or stiffening of fabrics such as tulle and lace."—A communication to him from abroad by Eugène Pasquier, of Reims, France.
1632. To Samuel Shaw Brown, Francis Ayrton, and James Austin, all of Liverpool, in the county of Lancaster, Manufacturers, for the invention of "improvements in looms for weaving."
1633. To Stephen Alley, of Glasgow, in the county of Lanark, North Britain, Engineer, for the invention of "improvements in arranging retorts, and in apparatus for charging and drawing the same."
1635. To Benjamin Acton and John Mustard, both of Stroud, in the county of Gloucester, Manufacturing Engineers, for the invention of "improvements in apparatus for feeding wool and other fibrous materials to carding engines."
1636. To Edward Casper, of Finsbury-circus, in the city of London, Merchant, for the invention of "an improved process and apparatus for washing and scouring wool, cotton-waste, and other like substances."—A communication to him from abroad by E. Dezuarte and Jules Farinaux, both of Lille, France.
1637. To Daniel de Castro, of Mortlake, in the county of Surrey, and Richard Burton, of Camden Town, in the county of Middlesex, for the invention of "improvements in gas meters."
1638. To Charles Julius Ball, of New Bridge-street, Blackfriars, in the city of London, for the invention of "improvements in drills for boring holes."
1639. To Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "improvements in the construction of pianofortes."—A communication to him from abroad by Wilhelm Freudenthal, of Hamburg, Germany.
1640. And to Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "improvements in the 'Giffard' injector."—A communication to him from abroad by Raphaël Colacicchi, of Paris, France.
- On their several petitions, recorded in the Office of the Commissioners on the 6th day of May, 1873.
1642. To George Washington Mallory, of Mystic Bridge, county of New London, State of Connecticut, in the United States of America, for the invention of "improved apparatus for operating boats on ship-board."
1643. To Charles Frederick Wood, of Birmingham, in the county of Warwick, Engineer, for the invention of "improvements in rotary motive power engines, which may also be used as liquid pumps or meters."
1645. To Arthur Charles Henderson, of the firm of Henderson & Company, British and Foreign Patent Agents, of No. 6, Southampton-buildings, Chancery-lane, in the county of Middlesex, for the invention of "improvements in fettling for puddling and boiling furnaces, and in the mode of application thereof."—A communication to him from abroad by Thomas Leonard Barber Edgcome, Gentleman, of New York City, New York, in the United States of America.
1647. To William Skelton, of the Pleck Iron Works, Walsall, in the county of Stafford, Iron Manufacturer, and William Moberley, of Pensnett, in the said county, Fire Brick Manufacturer, for the invention of "improvements in steam boiler and other furnaces."
1648. To Charles Thieme Liernur, C. M. De Bruyn Kops, Civil Engineers, and Johann Martignoni, Mechanical Engineer, all of Frankfurt-on-the-Maine, in the Kingdom of Prussia, for the invention of "improvements in screw cutting gear."
1649. To Seth Wheeler and Edgar Jerome, both of Albany, in the State of New York, United States of America, for the invention of "improvements in machinery for making paper boxes and similar articles."
1651. To William Louis Winans, of Grosvenor-square, in the county of Middlesex, Gentleman, for the invention of "improvements in the con-