

- vention of "improvements in and relating to railway chairs and sleepers."—Dated 16th June, 1867.
1498. George Hyacinthe Ozouf, of 2, Rue Sainte Appoline, Paris, France, for an invention of "improvements in the manufacture and utilization of carbonic acid, and in apparatus connected therewith."—Dated 16th June, 1864.
1499. George Newton and Joseph Braddock, of Oldham, in the county of Lancaster, Gas Meter Manufacturers, for an invention of "an improved compensating gas meter."—Dated 16th June, 1864.
1500. James Grafton Jones, of 53, Cumming-street, Pentonville, Engineer, for an invention of "improvements in machinery used in getting coals and other minerals in mines."—Dated 16th June, 1864.
1503. William Chickall Jay, of Regent-street, in the county of Middlesex, for an invention of "improvements in the manufacture and ornamentation of ladies' wearing apparel."—Dated 16th June, 1864.
1505. George Bradford Morris, of Stanley End, William Bright Price, of Dudbridge, and John Lane George, of Cainscross, all near Stroud, in the county of Gloucester, for an invention of "an improved construction of bolter for dressing flour."—Dated 16th June, 1864.
1506. Peter Spence, of Smedley, New Hall, near Manchester, in the county of Lancaster, Manufacturing Chemist, and Henry Davis Pochin, of Broughton, Old Hall, near Manchester aforesaid, Manufacturing Chemist, for an invention of "an improvement in smelting copper-ore."—Dated 17th June, 1864.
1507. William Clark, of 53, Chancery-lane, in the county of Middlesex, Engineer and Patent Agent, for an invention of "improvements in apparatus for washing or dyeing skeins of thread, silk, cotton, and other fibrous materials."—Communicated to him from abroad by Claude Viret, of 29, Boulevard St. Martin, Paris.—Dated 17th June, 1864.
1508. Matthias Edward Boura, of Upper Norwood, in the county of Surrey, for an invention of "improvements in tubes and caps made of India rubber or other known elastic gum, and in their application to various useful purposes."—Dated 17th June, 1864.
1509. John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for an invention of "the manufacture of lyes or liquors applicable to the cleansing and bleaching of wool and other fibrous substances, as well as of textile fabrics."—Communicated to him from abroad by Madame Rosine Saiglan Bagnères, of Paris, in the Empire of France.—Dated 17th June, 1864.
1511. James Hodges, of Penny Hill, Bagshot, in the county of Surrey, for an invention of "improvements in machinery employed in digging, raising, and treating peat and bog earth or soil."—Dated 17th June, 1864.
1512. Joseph Jeffrey Bennett, of Hyde-terrace, New Cross, in the county of Kent, Engineer, for an invention of "improvements in the construction of pile drivers."—Dated 17th June, 1864.
1513. William Henry Tooth, of Rhodeswell-road, Stepney, in the county of Middlesex, Engineer, for an invention of "improvements in furnaces or apparatus for generating carburetted hydrogen, carbonic acid, carbonic oxide, and cyanogen gases."—Dated 17th June, 1864.
1514. William Henry Tooth, of Rhodeswell-road, Stepney, in the county of Middlesex, Engineer, for an invention of "improvements in the manufacture and refining of iron, and in the manufacture of steel."—Dated 17th June, 1864.
1515. Thomas Agnew, junior, of Manchester, in the county of Lancaster, Publisher, for an invention of "certain improvements in apparatus for coating or covering moulded or other surfaces with certain composition or material."—Dated 18th June, 1864.
1519. John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for an invention of "improvements in grinding and polishing glass."—Communicated to him from abroad by Elor Eugène Narcisse Derogy, of Paris, in the Empire of France.—Dated 18th June, 1864.
1520. John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for an invention of "improvements in the manufacture of looking glasses, mirrors, and other reflecting surfaces."—Communicated to him from abroad by Edouard Dodé, of Paris, in the Empire of France.—Dated 18th June, 1864.
1523. Richard Jones, of No. 29, Botolph-lane, Eastcheap, Provision Merchant, for an invention of "an improved method of preserving animal and vegetable substances."—Dated 20th June, 1864.
1524. John Cresswell Brentnall, of Manchester, and Robert Edge, of Halliwell, near Bolton, in the county of Lancaster, for an invention of "improvements in machinery for preparing, spinning, and doubling cotton, and other fibrous substances."—Dated 20th June, 1864.
1525. Richard Smith and Christian Sieberg, both of Glasgow, in the county of Lanark, North Britain, Chemists, for an invention of "improvements in obtaining coloring matters."—Dated 20th June, 1864.
1528. George Beard, of Birmingham, in the county of Warwick, Manufacturer, for an invention of "improvements in the construction of punches used for punching the eyes of needles."—Dated 20th June, 1864.
1529. Joseph Hamilton Beattie, of No. 11, Dowgate-hill, London, Civil Engineer, for an invention of "improvements in the means of preventing the formation of and in the removal of incrustations or deposits from steam engine boilers."—Communicated to him from abroad by Joseph Marks, of the city of Montreal, Canada.—Dated 20th June, 1864.
1531. Thomas Worsdell, of Birmingham, in the county of Warwick, Engineer, for an invention of "an improved pulley or sheave block."—Dated 20th June, 1864.
1532. Thomas Mayor, of Pawtucket, in the county of Providence and State of Rhode Island, United States of America, now temporarily residing at Oldham, in the county of Lancaster, for an invention of "improvements in apparatus applicable to roving frames."—Dated 20th June, 1864.
1533. Wilhelm August Abegg, of the Westminster Palace Hotel, Victoria-street, Westminster, in the county of Middlesex, for an invention of "improvements in apparatus for distilling spirituous liquors."—Communicated to him from abroad by Carl Falkman, residing at Saint Petersburg, in the Empire of Russia.—Dated 21st June, 1864.
1534. John Holmes, of Wylde-green, Sutton Coldfield, in the county of Warwick, Gentleman, for an invention of "improvements in beer engines, which improvements may also be