

- 1447 William Clark, of 53, Chancery-lane, in the county of Middlesex, Engineer and Patent Agent, for an invention of "improvements in locomotive apparatus, which is also applicable to other purposes."—Communicated to him from abroad by Casimir Noël, of 29, Boulevard St. Martin, Paris, Merchant.—Dated 10th June, 1863.
1448. Moritz Hatschek, of Pesth, in the Empire of Austria, now residing at No. 32, Lower Belgrave-place, in the county of Middlesex, Distiller, for an invention of "an improved method of mashing."—Dated 11th June, 1863.
1450. Thomas Maddocks Harrison, of Birmingham, in the county of Warwick, Manufacturer, for an invention of "an improvement or improvements in the manufacture of metallic casks."—Dated 11th June, 1863.
1454. Charles Louis Van Tenack, of Tredegar, Monmouthshire, South Wales, Civil Engineer, for an invention of "an improvement in railway wooden sleepers."—Communicated to him from abroad by Jean Granet, Civil Engineer, of 17, Rue Laffitte, Paris, in the Empire of France.—Dated 11th June, 1863.
1456. James Webster, of Birmingham, in the county of Warwick, Engineer, for an invention of "improvements in indurating iron, and in protecting iron and steel from oxidation."—Dated 11th June, 1863.
1460. Edwin Owen Hallett, of Weymouth and Melcombe Regis, in the county of Dorset, Cabinet Maker, for an invention of "improvements in constructing the sides of ships' batteries and fortifications, and in applying armour plates thereto."—Dated 11th June, 1863.
1462. James Johnson, of Peterborough, in the county of Northampton, Engineer, and William Braithwaite, of the same place, Foreman, for an invention of "improvements in reversing levers for locomotive engines and others."—Dated 11th June, 1863.
1464. William Sims, of Reading, in the county of Berks, Brewer, for an invention of "a new compound extract to be employed as a means for the cure of deafness."—Dated 12th June, 1863.
1465. Francis Alton Calvert and Francis Calvert, both of the city of Manchester, Engineers, for an invention of "improvements in machinery for burring, ginning, cleaning, and carding cotton and other fibrous substances."—Dated 12th June, 1863.
1470. George Bedson, of Manchester, in the county of Lancaster, Manager of Iron Works, for an invention of "improvements in cupolas and blast furnaces."—Dated 12th June, 1863.
1473. Robert Hughes, of the city and county of Worcester, Road Surveyor, for an invention of "an improved implement or apparatus for scraping and sweeping turnpike and other high-ways, carriage drives, and footwalks, or other places requiring to be so cleaned."—Dated 12th June, 1863.
1477. John Jones, of Manchester, in the county of Lancaster, for an invention of "improvements in gas regulators."—Dated 12th June, 1863.
1478. George Davies, of No. 1, Serle-street, Lincoln's-inn, in the county of Middlesex, and No. 28, St. Enoch-square, in the city of Glasgow, Civil Engineer and Patent Agent, for an invention of "an improved mode of oiling journals or axles."—Communicated to him from abroad by Henry Wood, of Philadelphia, Pennsylvania, United States of America.—Dated 13th June, 1863.
1479. Thomas Wrigley, of Bury, in the county of Lancaster, Paper Manufacturer, for an invention of "improvements in machinery or apparatus for filtering or cleansing water or other fluids."—Dated 13th June, 1863.
1480. John Hopkinson, of the city of Manchester, in the county of Lancaster, Mechanical Engineer, for an invention of "improvements in the mode of securing or fastening the ends of metal bands, and in machinery for preparing the same."—Dated 13th June, 1863.
1482. Robert Blackburn, of Exeter, in the county of Devon, Engineer, for an invention of "improvements in traction engines."—Dated 13th June, 1863.
1483. Thomas Alexander Elliott, of Enniskillen, in the county of Fermanagh, Civil Engineer, for an invention of "improvements in the construction of, and in the means of ballasting ships and other vessels."—Dated 13th June, 1863.
1485. John Solmons Benson, Merchant, and David Jones, Manufacturer, both of Birmingham, in the county of Warwick, for an invention of "an improved construction of removable head for casks, applicable to the closing of other vessels."—Dated 13th June, 1863.
1487. Isaac Gray Bass and William Bass, both of Broughton Little, in the county of Cumberland, and carrying on business at Workington, in the said county, under the style or firm of J. G. Bass and Son, Nail Manufacturers, for an invention of "improvements in the manufacture of nails and spikes."—Dated 13th June, 1863.
1488. Henry Graham William Wagstaff, of Radnor-terrace, in the county of Middlesex, Tallow Melter, for an invention of "improved apparatus for feeding steam boilers with water, which apparatus is also applicable for raising water."—Dated 13th June, 1863.
1489. Samuel Sinclair Robson, of Hendon House, Sunderland, in the county of Durham, for an invention of "improvements in apparatus for working the rudders of vessels, and in auxiliary steering apparatus."—Dated 13th June, 1863.
1492. John Forrester, of Burslem, in the county of Stafford, for an invention of "improvements in the manufacture of bricks, quarries, slabs, tiles, earthenware pipes, and other earthenware or ceramic articles."—Dated 15th June, 1863.
1495. Isaac Blue Harris, of the North British Rubber Company (Limited), Castle Mills, Fountain Bridge, Edinburgh, for an invention of "improvements in the manufacture of flexible and other tubes."—Dated 15th June, 1863.
1501. James John Shedlock, of Vincent-street, Westminster, in the county of Middlesex, Gas Engineer, for an invention of "improvements in valves for the passage of steam, gas, and fluids."—Dated 16th June, 1863.
1503. William Manwaring, of Banbury, Engineer, for an invention of "improvements in harvesting machines."—Dated 16th June, 1863.
1505. John Lightfoot, of Accrington, in the county of Lancaster, Chemist, for an invention of "improvements in fixing mordants in the processes of dyeing and printing textile fabrics or yarns."—Dated 16th June, 1863.
1506. Josiah George Jennings, of Palace-road, Lambeth, in the county of Surrey, Sanitary Engineer, and Manuel Leopold Jonas Lavater, of Bath-street, Newgate-street, in the city of London, India Rubber Manufacturer, for an invention of "improvements in moulding and vulcanizing articles of india rubber."—Dated 16th June, 1863.