

1476. To Newton Wilson, of High Holborn, in the county of Middlesex, Sewing Machine Manufacturer, for the invention of "improvements in machinery or apparatus for plaiting fabrics."
1480. To Joseph Shaw, of Lockwood, near Huddersfield, in the county of York, Brass Finisher and Mill Furnisher, for the invention of "a new or improved 'union' or joint for pipes."
1482. To William Arrol, of the firm of "William Arrol and Company," of Dalmarnock Iron Works, Glasgow, in the county of Lanark, North Britain, for the invention of "improvements in the mode of and means or apparatus and machinery for constructing wrought-iron girders and other similar sheet-iron structures of large dimensions."
1484. To Alfred Ellis Harris, of Mile End-road and Finsbury-circus, in the county of Middlesex, for the invention of "improvements in screw nuts, and in the mode of locking the same upon the bolts."
1486. To Edwin Blakey, of Halifax, in the county of York, Telegraphic Engineer, for the invention of "improvements in galvanic batteries."
1488. To Ernest Bazin, Civil Engineer, of Paris, in the Republic of France, for the invention of "new or improved apparatus for washing auriferous sands and other materials susceptible of separation by washing."
1490. And to James Salkeld Robinson, of Rochdale, in the county of Lancaster, Engineer, and John Smith, of the same place, Engineer, for the invention of "improvements in machinery or apparatus for making clog soles."
- On their several petitions, recorded in the Office of the Commissioners on the 24th day of March, 1877.
1492. To Bristow Hunt, of Serle-street, Lincoln's-inn, in the county of Middlesex, Gentleman, for the invention of "improvements in the treatment of sugar cane and in apparatus relating thereto."—A communication to him from abroad by Alvaro Francisco Carlos Reynoso, of Paris, France, Chemist.
1493. To Alfred Augustus Hely, of No. 194, South Lambeth-road, in the county of Surrey, Gentleman, for the invention of "improvements in producing devices and designs for decorative and other purposes."
1494. To Charles Smith, of Burnley, in the county of Lancaster, Mechanic, for the invention of "improvements in apparatus for supplying fuel to steam boiler and other furnaces."
1496. And to Joseph Mingay Tall, of St. George's-road, Peckham, in the county of Surrey, Concrete Builder, for the invention of "improved apparatus for building in concrete."
- On their several petitions, recorded in the Office of the Commissioners on the 17th day of April, 1877.
1498. To Archibald Connal Stevenson, of Glasgow, in the county of Lanark, North Britain, Glass Bottle Manufacturer, for the invention of "improvements in the feeding of furnaces and fires with fuel, and in mechanism or feeders for that purpose."
1499. To Frederick James Costa, of 52, Arundel-square, Barnsbury, in the county of Middlesex, for the invention of "improvements in suspending, raising, and lowering venetian blinds."
1500. To John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for the invention of "improvements in

wheels, pulleys, sheaves, and other like articles, and in apparatus or means employed in their manufacture."—A communication to him from abroad by George Granville Lobdell and William Wheeler Lobdell, of the city of Wilmington, county of Newcastle, State of Delaware, United States of America.

1505. To William Morgan-Brown, of the firm of Brandon and Morgan-Brown, Engineers and Patent Agents, of 38, Southampton-buildings, London, and 1, Rue Laffitte, Paris, for the invention of "improvements in the manufacture of metallic cartridge shells."—A communication to him from abroad by Charles D. Leet and Henry A. Chapin, of Springfield, Massachusetts, United States of America.
1508. To William Robert Lake, of the firm of Haselaine, Lake & Co., Patent Agents, Southampton-buildings, London, for the invention of "improvements in the construction of joints for uniting and securing the ends of railway rails, in apparatus for manufacturing parts of the same, and in the bolts or screws and nuts to be used in connection therewith or with other rail-joints."—A communication to him from abroad by Alfred Buckingham Ibbotson, of Florence, in the Kingdom of Italy.
1510. And to William Knibb Illingworth, Grocer, and William Walkington, Engineer, both of Leeds, in the county of York, for the invention of "improvements in the method of and in apparatus for cutting loaf sugar."

On their several petitions, recorded in the Office of the Commissioners on the 8th day of April, 1877.

1520. To James Scott, of Glasgow, in the county of Lanark, North Britain, Plumber, for the invention of "improvements in regulating valves for liquid service cisterns for water closets and other purposes."
1522. To Henry Stuart, of Liverpool, in the county of Lancaster, Watch Manufacturer, and George Daniels, of the same place, Watch Maker, for the invention of "improvements in mechanism for winding and for setting the hands of keyless time keepers."
1524. To Levi Robertshaw, Engineer, of Thornton-road, Bradford, in the county of York, for the invention of "improvements in self acting temples for looms, and in apparatus connected therewith."
1528. To Thomas Alfred Adamson, of Liverpool, in the county of Lancaster, for the invention of "improvements in and appertaining to spring safety valves."
1530. To Elijah Holt, Weaving Manager, Christopher James Blenkhorn, Mechanic, and Alfred Stancliff, Mechanic, all of Blackburn, in the county of Lancaster, for the invention of "improvements in looms for weaving."
1534. To Joseph Offord the younger, of Wells-street, Oxford-street, in the county of Middlesex, for the invention of "improvements in carriages and carriage wheels."
1536. And to Henry Bollman Condy, of Battersea, in the county of Surrey, Chemist, for the invention of "improvements in the manufacture of soda, and in the processes employed therefor."
- On their several petitions, recorded in the Office of the Commissioners on the 19th day of April, 1877.
1537. To George William Jennings, Merchant, 97, Newgate-street, London, for the invention of "improvements in the construction of pipes for smoking tobacco in."