

- nating other hard substances, and in machinery or apparatus therefor."
- On their several petitions, recorded in the Office of the Commissioners on the 26th day of June, 1878.
2576. To Thomas Horsfall Watson and Samuel Joseph Woodhouse, both of Leeds, in the county of York, for the invention of "improvements in submarine costumes, and in the appliances to be used therewith, such improved costumes being also applicable to other purposes."
2578. To Jean Nicolas Yonck, of Verviers, in the Kingdom of Belgium, Card Manufacturer, for the invention of "improvements in the manufacture of cards used for carding wool and cotton."
2580. To Wallace Bartley, of Rainhill, in the county of Lancaster, for the invention of "improvements in and relating to water-tight bulk-head doors, and in the method of and apparatus for actuating them."
2582. To Elijah Dickinson, of Wigan, in the county of Lancaster, for the invention of "improvements in the construction of washing machines."
2585. To Joseph Hughes Cofield, of Aston, near Birmingham, in the county of Warwick, Manufacturer's Clerk, for the invention of "improvements in ladies' dress holders or dress suspenders."
2588. And to Gustave Dittmar, of Berlin, Prussia, for the invention of "an improved emery compound to form glazers for grinding with emery."—A communication from Hermann Wicchert, a person resident at Berlin, Prussia.
- On their several petitions, recorded in the Office of the Commissioners on the 27th day of June, 1878.
2590. To Joseph Wood, of 6, St. James's-road, Bethnal Green, London, in the county of Middlesex, for the invention of "an improved method of guiding planes and abrasive tools leading to a device for planing out of winding, with apparatus and improved plane adapted to the said method."
2594. To Adolf Sonnenschein, of Number 8, Beverley-road, South Penge Park, in the county of Surrey, Teacher, for the invention of "a reading machine, teacher's black board, and movable table combined."
2596. To John Edward Carter, of Stanhope-street, Euston-road, in the county of Middlesex, for the invention of "improvements in chimney caps, terminals, or ventilators."
2598. To Martin Macdermott, of Scott's-chambers, Pudding-lane, in the city of London, Architect, and George William Elliott, of Altrincham, in the county of Chester, Mining and Mechanical Engineer, for the invention of "improvements in machinery for drilling rock and other substances."
2600. To Samuel Chatwood, of 120, Cannon-street, in the city of London, in the county of Middlesex, Bank Engineer, for the invention of "improvements in hydraulic arrangements for lifting and lowering and other purposes."
2602. And to Josiah Latimer Clark and John Standfield, both of 6, Westminster-chambers, Victoria-street, in the city of Westminster, for the invention of "an improved grid for docking and raising vessels."
- On their several petitions, recorded in the Office of the Commissioners on the 28th day of June, 1878.
2606. To James Gowans, of Edinburgh, in the county of Midlothian, North Britain, Railway Contractor, for the invention of "improvements in tramway rails."
2608. To David Hoyles Cussons, of Southport, in the county of Lancaster, and Alexander Cowan, of Bayswater, in the county of Middlesex, for the invention of "improvements in or appertaining to photographic cameras and in the mode of opening and closing the shutter."
2614. To Friedrich Hermann Felix Engel, Civil Engineer and Patent Agent, in the city of Hamburg, Germany, for the invention of "an improved means for transmitting power by shafting."—A communication to him from Wilhelm Ritter, Engineer, residing at Altona, in the German Empire.
2615. To Joseph Hall, of Morley, near Leeds, in the county of York, for the invention of "improvements in scribbling and carding machinery."
2616. To George Foster Bell and William Bell, of Burnley, in the county of Lancaster, for the invention of "improvements in mules for spinning and doubling cotton and other fibres."
2618. And to John Guy Wilson, of 71, Market-street, Manchester, Mechanical Engineer and Patent Agent, for the invention of "a new or improved substitute for linseed oil and turpentine in the preparation of paints."—A communication to him from abroad by Friederich Thies, of Bissendorf, in the Empire of Germany.
- On their several petitions, recorded in the Office of the Commissioners on the 29th day of June, 1878.
2620. To Patrick O'Connor, of Wavertree, in the county of Lancaster, for the invention of "improvements in and connected with boilers for heating water."
2621. To William Shorrock, of Preston, in the county of Lancaster, Manufacturer of Latices and Pegs, for the invention of "improvements in the manufacture of latices and pegs used in weaving fancy goods."
2622. To Benjamin Banks, of Manchester-road, Bradford, in the county of York, Joiner, for the invention of "improvements in means for closing, fastening, and opening stand sheet and skylight windows."
2624. To Charles Max Sombart, of the firm of Buss, Sombart, and Company, Engineers and Patent Agents, of Magdeburg, in the Empire of Germany, for the invention of "improvements in gun carriages."—A communication from Hermann Gruson, a person resident at Buckau, near Magdeburg, in the Empire of Germany.
2626. To David Faulkner, of the parish of Walton-upon-Thames, in the county of Surrey, Engineer, for the invention of "a new or improved method for fencing round parks and other inclosed spaces."
2628. To George Brook the younger and Joseph Sykes, both of Huddersfield, in the county of York, Manufacturers, and Job Stake, of the same place, Combing Overlooker, for the invention of "improvements in machinery or apparatus for combing wool and other fibrous substances."
2630. To Edward John Michael Cetti, of 11, Broeke-street, Holborn, in the county of Middlesex, Glass Blower and Thermometer Manufacturer, for the invention of "improvements in the method, means, or process of manufacturing tubular or other forms of clear glass upon which gradations, divisions, figures, and markings of a permanent character are required."
2632. To John Lewthwaite, of Halifax, in the county of York, Gentleman, for the invention of "improvements in rollers for washing, wringing, mangling, printing, spinning, and other like machines."