

1412. To Daniel Thomas Bostel, of 19, Duke-street, Brighton, for the invention of "improvements in water closets."
1413. To Isaac Lowthian Bell, of Rounton Grange, in the county of York, for the invention of "improvements in the manufacture of iron and steel."
1414. To Johannes Eckart, of Munich, Bavaria, Gärtnerplatz, No. 1, for the invention of "improvements in the method of preserving meat, fish, game, and other like articles of food, and in the apparatus for that purpose."
1415. To Edward Kunkler, of Lenzburg, Switzerland, Chemist, for the invention of "a self closing tap or valve."
1418. To George Bolden, of Dukinfield, in the county of Chester, Manufacturer, and John Cassidy, of Ashton-under-Lyne, in the county Lancaster, Draughtsman and Overlooker, for the invention of "improvements applicable to looms for weaving wire gauze."
1420. To Josef Loeb, of Aldermanbury, in the city of London, Manufacturer, for the invention of "improvements in fastenings for travelling bags, hand bags, and other similar articles."—A communication to him from abroad by Samuel Loeb, temporarily residing at Biebrich, in Germany.
1422. To Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "improvements in pocket cigar and gas lighters."—A communication to him from abroad by George Selden, of Erie, in the county of Erie, State of Pennsylvania, United States of America.
1424. And to Jean Baptiste Marie Prosper Closson, of Paris, France, but temporarily of 2, Laurence Pountney Hill, in the city of London, Civil Engineer, for the invention of "improvements in miners' safety lamps."
- On their several petitions, recorded in the Office of the Commissioners on the 11th day of April, 1877.
1428. To Robert Johnson, of Seedley, near Manchester, in the county of Lancaster, Engineer, for the invention of "improvements in machinery for pumping, forcing, blowing, and exhausting air and other fluids."
1429. To John Henry Clapham, of Shipley, in the county of York, Manufacturer, for the invention of "an improved match box and apparatus for striking matches."
1430. To Richard Hunt, of Liverpool, in the county of Lancaster, Cabinet Maker, for the invention of "improvements in spring bottoms for bedsteads, couches, sofas, and seats."
1431. To William Byram, in the employment of Walton and Brear, of Bradford, in the county of York, Plumbers and Gas Fitters, for the invention of "improvements in the construction of pipes employed in heating and ventilating rooms and buildings."
1432. To John Cheshire, of Liverpool, in the county of Lancaster, for the invention of "improvements in and relating to weighing machines."
1433. To Alexander Morton Strathern, Manager to the firm of "A. F. Craig & Co.," Engineers, Paisley, in the county of Renfrew, North Britain, for the invention of "improvements in motive power engines."
1436. To Jean Nadal, of No. 94, Southampton-row, in the county of Middlesex, Engineer, for the invention of "an improved mining apparatus."
1438. To William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, South-

- ampton-buildings, London, for the invention of "improvements in apparatus or machinery for putting up or making packets of seidlitz or other powders."—A communication to him from abroad by Charles Russell Doane, of Brooklyn, New York, United States of America, Doctor of Medicine.
1439. To James Caspar Mack, of Brooklyn, in the county of King's and State of New York, United States of America, and at present of Guilford-street, in the county of Middlesex, for the invention of "improvements in refrigerating, and in apparatus therefor."
1440. To Charles Edward Hall, of Leeds, in the county of York, Engineer, for the invention of "improvements in machines for crushing, grinding, and surfacing."
1443. To Robert Foulis, of Cairnie Lodge, Fifeshire, Scotland, for the invention of "improvements in apparatus to be used in playing games similar to the game now known as 'curling.'"
1444. To Thomas Walter Harding, of the Tower Works, Globe-road, Leeds, in the county of York, and Robert Willis, of Tollington Park, London, county of Middlesex, for the invention of "improvements in apparatus for indicating and registering speeds."
1445. And to John Hague Bosustow, of Clifton Villa, Lodge-road, in the town and county of Southampton, Mercantile Clerk, for the invention of "improvements in the construction of roller skates."
- On their several petitions, recorded in the Office of the Commissioners on the 12th day of April, 1877.
1447. To John Clayton Mewburn, of 169, Fleet-street, in the city of London, Patent Agent and Consulting Engineer, for the invention of "improvements in apparatus employed in breeding or cultivating oysters."—A communication to him from abroad by Ernest Seguin, of Arcachon, Gironde, France.
1448. To Andrew Scott, of Liverpool, in the county of Lancaster, for the invention of "improvements in the mode of and apparatus for stopping leaks in tubes or between the tube plate and tube."
1449. To Thomas Frederick Hunt, of Banbury, in the county of Oxford, Engineer, for the invention of "improvements in what are commonly known as bicycles."
1450. To James Swan and John Hughes, both of Formby, in the county of Lancaster, for the invention of "improvements in and relating to the utilization of water power and the compression of air."
1453. To Thomas Henry Collins, of the city of Winchester, in the county of Hants, for the invention of "improvements in reflectors."
1454. To Charles Gregory Wade, of Whaberly Hall, Coventry, in the county of Warwick, Esquire, for the invention of "improvements in apparatus to be attached to the hulls of ships and other submerged structures for examination for cleansing or for repairing purposes."
1455. To Charles Adolphus Henry Jonas, of Studley-road, Clapham-road, in the county of Surrey, for the invention of "improvements in metallic packing."—A communication to him from abroad by William H. Floyd, Trustee for the Metallic Steam Packing Association, Boston, in the United States of America.
1456. To Charles Adolphus Henry Jonas, of Studley-road, Clapham-road, in the county of Surrey, for the invention of "improvements in thread-winding mechanism."—A communication to him from abroad by Augustus C. Carey, of