

664. And Daniel Hipkins, of Tipton, in the county of Stafford, Provision Merchant, for the invention of "improvements in the manufacture of artificial butter."
665. To Benjamin Joseph Barnard Mills, of the firm of Harris and Mills, of 23, Southampton-buildings, in the county of Middlesex, Patent Agent, for the invention of "improvements in machinery employed in the manufacture of felt hats."—A communication to him from abroad by Messieurs F. Klein and Company, of Liegnitz, Silesia, in the Kingdom of Prussia.
666. To Frank Armstrong, of Waterbury, Connecticut, United States of America, now of No. 8, Southampton-buildings, London, for the invention of "an improved clasping pin for securing articles of dress, and for other like purposes."
667. To Philip Albert Muntz, of Keresley, in the county of Warwick, Gentleman, and Thomas Budworth Sharp, of the French Walls Works, Smethwick, in the county of Stafford, Mechanical Engineer, for the invention of "improvements in the process of and apparatus for condensing and collecting the fumes evolved by furnaces used for melting metals and for other metallurgical operations."
668. And to Edward Fiddian Jones, of Birmingham, in the county of Warwick, Brass Founder and Lamp Manufacturer, for the invention of "improvements in railway, ship, and other lamps."
- On their several petitions, recorded in the Office of the Commissioners on the 21st day of February, 1874.
669. To Thomas Vicars the elder and Thomas Vicars the younger, both of Liverpool, in the county of Lancaster, Engineers, and James Smith, of the same place, Baker, for the invention of "improvements in steam generators and self stoking furnaces therefor."
670. To George Fyfe Elder, of Lochee, in the county of Forfar, North Britain, Managing Engineer of the Camperdown Linen Works, for the invention of "improvements in crimping or doubling textile and other fabrics, and in the machinery or apparatus employed therefor."
671. Jahn Laird the younger, of the firm of William Laird and Company, Manufacturers, and William Rutherford, Manager to the said firm, both of the town and county of Forfar, North Britain, for the invention of "improvements in weaving bags, sacks, and other tubular and double fabrics, also single fabrics, and in the means employed therefor."
672. To Henry Wilke, of 3, Crown-villas, Green-gate-street, Plaistow, in the county of Essex, Engineer, for the invention of "improvements in steam boilers."
673. To Isham Baggs, of Surbiton, in the county or Surrey, Practical Chemist and Electrician, for the invention of "improvements in electric telegraphy and in the arrangement of apparatus employed therein."
674. To Job Johnson, of Brooklyn, in the county of Kings, and State of New York, United States of America, for the invention of "improvements in ball casters."
675. To John Connell, of Paisley, in the county of Renfrew, North Britain, Manufacturer's Foreman, for the invention of "improvements in weaving ornamental fabrics."
676. To Richard Sutton Harvey, of Retford, in the county of Nottingham, Surgeon, for the invention of "improvements in privies and in dry earth closets."
677. To Samuel Newton, of Dudley, in the county of Worcester, Forge and Mill Manager, and Charles Newton, of West Bromwich, in the county of Stafford, Millwright, for the invention of "improvements in puddling furnaces used in the manufacture of iron and steel."
678. To Henry Bernoulli Barlow, of Manchester, in the county of Lancaster, Patent Agent, for the invention of "improvements in brewing, and in the machinery or apparatus employed therein."—A communication to him from abroad by Nicolas Joseph Galland, of Paris, France, Engineer.
680. To George Tomlinson Bousfield, of Sutton, in the county of Surrey, for the invention of "improvements in rock drilling machines."—A communication to him from abroad by Camille Ferroux, of Goeschenen, in the Federal Republic of Switzerland.
681. To George and Henry Agar, of 3, Flower-gate, Whitby, in the county of Yorkshire, for the invention of "an improved wind and rain impervious door plinth."
682. To Henry Benjamin, of Graham's Town, South Africa (Gentleman), for the invention of "improvements in the extraction of oleaginous matters from wool washing suds, or other liquids containing soapy matters or grease, and the production of tallow or oil from the resulting substances."
684. To Daniel Hipkins, of Tipton, in the county of Stafford, Member of the Inventors and Patentees' Protection Association, 11, Cherry-st., Birmingham, for the invention of "a new or improved method of manufacturing artificial butter and of clarifying or purifying rancid butter."
685. To Walter Clopton Wingfield, of Belgrave-road, Pimlico, in the county of Middlesex, for the invention of "a new and improved portable court for playing the ancient game of tennis."
686. To Joseph Henry Betteley, of Cornhill, in the city of London, for the invention of "a new and improved mode of stopping and starting tramway cars."
687. To Samuel Henry Johnson, F.C.S., of Lea Bank Works, Stratford, in the county of Essex, Chemist, for the invention of "improvements in the construction of furnaces and retorts for the manufacture of bisulphide of carbon."
688. And to George Walton Baker, of the city of Wilmington, in the county of New Castle and State of Delaware, one of the United States of America, for the invention of "improvements in sewing machines."
- On their several petitions, recorded in the Office of the Commissioners on the 23rd day of February, 1874.
689. To Charles Heaton, of New York, United States of America, at present residing at 22, Craven-street, Strand, London, for the invention of "certain improvements in emery and other grinding machinery, and in emery or other grinding wheels for use therewith."
690. To Thomas Turton, of Liverpool, in the county of Lancaster, Iron and Steel Manufacturer, and Ernest Latham, of Birkenhead, in the county of Chester, Engineer, for the invention of "improved apparatus for transshipping coal and bulk cargo."
691. To Tyndall Bright, of Liverpool, in the county of Lancaster, Merchant and Shipowner, for the invention of "an improved method of extracting gold from auriferous antimony ores, antimonial compounds, and antimonial mix-