

- him from abroad by Alexander Kirk Rider, of Walden, Orange county, in the State of New York, United States of North America.
- As set forth in his petition, recorded in the said office on the 10th day of February, 1877.
678. And Charles Louis Boyce, of Birmingham, in the county of Warwick, Manufacturer, and Richard Reeves Newton, of the same place, Machinist, have given the like notice in respect of the invention of "improvements in the manufacture of furniture for umbrellas and parasols."
- As set forth in their petition, recorded in the said office on the 19th day of February, 1877.
724. And William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, South-ampton-buildings, London, has given the like notice in respect of the invention of "an improved knife-cleaning machine."—A communication to him from abroad by Louis Guex, of Springfield, Illinois, United States of America, now residing at Paris, France.
- As set forth in his petition, recorded in the said office on the 22nd day of February, 1877.
756. And Thomas William Plum, of Malin's Lee, in the county of Salop, Civil Engineer, has given the like notice in respect of the invention of "improvements in tuyeres."
- As set forth in his petition, recorded in the said office on the 24th day of February, 1877.
787. And Wade Hampton Smith, of Edgbaston, Birmingham, in the county of Warwick, Civil Engineer, has given the like notice in respect of the invention of "improvements in armour plates, and in apparatus to be employed in making thereof."
- As set forth in his petition, recorded in the said office on the 26th day of February, 1877.
812. And James Hamilton, of Rochdale, in the county of Lancaster, Ironmonger, has given the like notice in respect of the invention of "improvements applicable to chimneys or shafts used for purposes connected with heating and ventilating."
- As set forth in his petition, recorded in the said office on the 28th day of February, 1877.
871. And Noémie Casper, of Bayswater, and Isaac Charles Breitbart, of Edgware-road, both in the county of Middlesex, have given the like notice in respect of the invention of "an improved looking glass frame to be used for advertising, such improvement being applicable to other purposes."
- As set forth in their petition, recorded in the said office on the 5th day of March, 1877.
1004. And James Pickup, of Bradford, in the county of York, Engineer, has given the like notice in respect of the invention of "improvements in furnace bars."
- As set forth in his petition, recorded in the said office on the 13th day of March, 1877.
1090. And James Clifford Morgan, of Batho Works, Rotherham, in the county of York, Stove Grate Manufacturer and Ironfounder, has given the like notice in respect of the invention of "improvements in the construction of hot water cylinders and hot water cisterns for hot water baths and domestic purposes."
- As set forth in his petition, recorded in the said office on the 17th day of March, 1877.
1160. And William Purves Wilson, of Asylum-road, Peckham, in the county of Surrey, has given the like notice in respect of the invention of "improvements in apparatus used in the manufacture of gas."
- As set forth in his petition, recorded in the said office on the 24th day of March, 1877.
1226. And George Frederick Redfern, of the General Patent Office, 4, South-street, Finsbury, in the county of Middlesex, Patent Agent, has given the like notice in respect of the invention of "improvements in refrigerators and refrigerating apparatus."—A communication to him from abroad by Joel Tiffany, of the city of Chicago, Cook County, State of Illinois, and Charles W. Pierce, of the city of Boston, State of Massachusetts, both in the United States of America.
- As set forth in his petition, recorded in the said office on the 28th day of March, 1877.
1242. And William Hepple, of South Shields, in the county of Durham, Engine Builder, has given the like notice in respect of the invention of "improvements in the mode of fixing bulk-heads in iron ships or vessels."
1248. And William Jackson, of Goole, in the county of York, has given the like notice in respect of the invention of "improvements in the means or apparatus employed for generating gas and steam in steam boilers and other furnaces, such improvements being also applicable for other heating purposes."
1250. And John Frederick Brinjes, of the Animal Charcoal Works, 65, Back Church-lane, White-chapel, in the county of Middlesex, Engineer, has given the like notice in respect of the invention of "improvements in machinery or apparatus for raising, forcing, and exhausting water and other liquids, also air and gases."
1252. And Thomas Henry Ellis and Henry William Ayres, both of Owens-road, Islington, in the county of Middlesex, have given the like notice in respect of the invention of "improvements in the construction and arrangement of weighing-chairs, and in apparatus connected therewith."
1256. And William Goad Threlfall, Cotton Manufacturer, and Richard Ashworth, Weaving Manager, both of Preston, in the county of Lancaster, have given the like notice in respect of the invention of "improvements in jacquard looms."
1258. And Edmund Pace, of Phoenix Works, Bow Common, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in the manufacture of match splints, and in machinery used therein."
- As set forth in their respective petitions, all recorded in the said office on the 29th day of March, 1877.
1264. And Charles Denton Abel, of Southampton-buildings, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in photography relating to the production of photographic pictures on woven fabrics."—A communication to him from abroad by William Winter, of Prague, in the Empire of Austria.
1265. And Colin Minton Campbell, Thomas William Minton, and Herbert Minton, of Stoke-upon-Trent, in the county of Stafford, Manufacturers of China and Earthenware, have given the like notice in respect of the invention of "improvements in surfacing tiles and other articles of china or earthenware, and in ornamenting the same."
- As set forth in their respective petitions, both recorded in the said office on the 31st day of March, 1877.