

3312. To Joseph Rivers, Auctioneer, 27A, Finsbury-square, London, for the invention of "improvements in stoppers and bottles for containing any kind of liquids, aerated water, gaseous or otherwise."
3313. To Henry Harris Lake, of the office of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for the invention of "improvements in machinery for opening and cleaning cotton and other fibrous materials."—A communication to him from abroad by Richard Kitson, of Lowell, Massachusetts, United States of America.
3315. To Charles William Siemens, of No. 12, Queen Anne's-gate, Westminster, in the county of Middlesex, for the invention of "improvements in apparatus for electric lighting."
3317. To Eugen August Obach, of No. 2, Maple-villas, Charlton, in the county of Kent, for the invention of "improvements in galvanometers."
3319. And to Alexander Melville Clark, of Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "improvements in machinery for preparing fibrous substances for combing."—A communication to him from abroad by the firm of Heilmann-Ducommun and Steinlen, of Paris, France.
- On their several petitions, recorded in the Office of the Commissioners on the 22nd day of August, 1878.
3321. To James Thomson, of the city of Edinburgh, North Britain, Engineer, for the invention of "improvements in steps for railway, tramway, and other carriages and other analogous purposes."
3323. To Samuel Thacker, of the town and county of the town of Nottingham, Engineer, for the invention of "improvements in steam and other boilers."
3325. To Ernest Charles Keay, of the firm of E. C. and J. Keay, of Birmingham, Iron Merchants, and William Edward Partridge, also of Birmingham, for the invention of "improvements in shoe-makers tools for repairing and making boots and shoes."
3329. To John Richard Nicholl, of Streatham, in the county of Surrey, Master of Arts, for the invention of "improved means of and apparatus for propelling and retarding or repelling carriages."
3331. To George Nurse, of Redbrook Tin-plate Works, in the county of Gloucester, for the invention of "improvements in preparing iron plates for coating or covering with tin, lead, or any other metal or alloy."
3333. And to Benjamin Haigh, of Cubitt Town, in the county of Middlesex, for the invention of "improvements in apparatus for registering the number of passengers entering tramway cars and omnibuses."
- On their several petitions, recorded in the Office of the Commissioners on the 23rd day of August, 1878.
3335. To Howard Busby Fox, of Liverpool, in the county of Lancaster, for the invention of "improvements in telescopes, parts of which are applicable for umbrella and parasol protector covers."
3337. To Joseph Smith, of Siddal, near Halifax, in the county of York, Wool-stapler, for the invention of "improvements in tramway cars, also applicable to other vehicles."
3339. To Robert Harvey, senior, of the firm of Robert Harvey and Company, Engineers and Tool Makers, Park Grove Iron Works, in the county of Renfrew, North Britain, for the invention of "improvements in hydraulic apparatus for rivetting, punching, and shearing."
3341. To James Pellatt Rickman, of No. 17, St. Bride's-street, in the city of London, for the invention of "improvements in the manufacture of ammonia, and in apparatus for that purpose."
3343. To John Clayton Mewburn, of 169, Fleet-street, in the city of London, Patent Agent and Consulting Engineer, for the invention of "improvements in locomotive and other tubular boilers, surface condensers, and feed water heaters, and in the manufacture of tubes for the same and other purposes."—A communication to him from abroad by Stefan Verderber, of Budapest, Hungary, Engineer.
3345. To Henry Harris Lake, of the office of Haseltine, Lake, and Co., Patent Agents, Southampton-buildings, London, for the invention of "improvements in the construction of wire stands, frames, racks, and similar devices to be used as holders or receptacles for various articles, which invention is also applicable to the manufacture of wire goods for other purposes."—A communication to him from abroad by Edward P. Woods, Daniel Sherwood, and Cyrus H. Latham, all of Lowell, Massachusetts, United States of America.
3347. To Leopold Beral Bertram, of 37, Park-road, New Wandsworth, in the county of Surrey, Gentleman, for the invention of "improvements in and connected with pen and other like holders."
3351. To James Pease, of Hednesford, in the county of Stafford, Mining Engineer, for the invention of "improvements in the means and apparatus for hauling corves, tubs, and other vehicles on tramroads, and for attaching and detaching the same to and from the haulage chain or rope."
3353. And to Frank Wirth, of the firm of Wirth and Company, Patent Solicitors, at Frankfort-on-the-Main, in the Empire of Germany, for the invention of "an improved sifting apparatus with blowing attachment for dressing coal, ores, and the like substances."—A communication from Heinrich Hochstrate, of Zeche Rheinpreussen, a person resident at Homberg-on-the-Rhine, in the Empire of Germany.
- On their several petitions, recorded in the Office of the Commissioners on the 24th day of August, 1878.
3355. To Samuel Hallam, Engineer, of 46, Lancaster-avenue, Fennel-street, Manchester, in the county of Lancaster, for the invention of "improvements in arrangements for heating atmospheric air, specially with a view to its application as a desiccating agent in connection with machines for sizing yarns, calico printing, paper staining, or otherwise."
3359. To Carl Vorwerk, of Barmen, in the Kingdom of Prussia, Smallware Manufacturer, for the invention of "improvements in tape-ladders for venetian-blinds, and in the methods of weaving the same, and in the machinery employed, applicable in part in the weaving of other narrow fabrics."
3361. To William Henry Bailey, of Salford, in the county of Lancaster, Engineer, for the invention of "improvements in self-registering hydraulic motors and their application."
3363. To Julia Simpson, of Hackney-road, in the county of Middlesex, for the invention of "improvements in the construction of berceanettes and of stands or holders therefor."
3365. To Alfred Longsdon, of Queen Victoria-