

- friars, in the city of London, Merchant, for the invention of "improvements in locks and fasteners for travelling bags, portmanteaus, and other similar articles."
3383. To Gustav Garbe, of Dean-street, Soho, in the county of Middlesex, Hardwood Turner, for the invention of "improvements connected with wood letters, figures, and like devices for printers' use."
3384. To Gerard Wenzeslaus von Nawrocki, of the firm of J. Brandt and G. W. v. Nawrocki, of Berlin, Germany, Patent Agents, for the invention of "improvements in driving straps and cords."—A communication to him from Otto Köhnel and Sohn, of Hanover, Germany.
3385. To William Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "improvements in the construction of bedsteads and cots."—A communication to him from abroad by Eugène Domercq, of Marseilles, France.
3387. To Edwin Powley Alexander, of 14, Southampton-buildings, in the county of Middlesex, Consulting Engineer and Patent Agent, for the invention of "improvements in the manufacture of sulphate of alumina."—A communication to him from abroad by Francis Laur, of Paris, in the Republic of France, Engineer.
3388. And to James Starley, of Coventry, in the county of Warwick, Mechanician, for the invention of "improved means for transmitting motive power to the driving wheels of traction engines, velocipedes, and other self impelled vehicles."
- On their several petitions, recorded in the Office of the Commissioners on the 5th day of September, 1877.
3389. To Andrew Kesson and Duncan Campbell, both of Glasgow, in the county of Lanark, North Britain, Engineers, for the invention of "improvements in chain clips or grippers for cloth or web finishing machines."
3390. To Samuel Tobey Rawlings, of Frome, in the county of Somerset, for the invention of "improvements in tools suitable for cleaning, rasping, filing, or shaping wood, metal, stone, and other materials."
3391. To George Washington Allen, of South Shields, in the county of Durham, for the invention of "improvements in the steering gear of steam and sailing ships."
3393. To Charles Hastings, of Bradford, Spinner, and James Law, of Silsden, Manager, both in the county of York, for the invention of "improvements in finishing yarns made of wool and other fibrous substances."
3394. To Alfred William Moore, of Hackney, in the county of Middlesex, for the invention of "improvements in machines for cutting and trimming the hairs or bristles of brushes."
3395. To Bridge Baron Standen, of Bradford, in the county of York, Manufacturing Chemist, for the invention of "improvements in the treatment of human excrement, both solid and liquid, and in the deodorizing organic matter, and in the means or apparatus employed therein, part of such means and apparatus may be employed for treating sewage matter, and filtering and deodorizing sewage and other water."
3396. To Bristow Hunt, of Serle-street, Lincoln's-inn, in the county of Middlesex, Gentleman, for the invention of "an improved process and apparatus for the direct conversion of iron ores and metallic iron."—A communication to him from abroad by Mark John Hamilton, of the city of St. Louis, State of Missouri, in the United States of America.
3397. To Johann Christian Dennert, Engineer, in the city of Altona, Germany, for the invention of "an improved water meter and water power motor valve motion and regulator."
3398. To George Clapp Roberts, of New York City, United States of America, and at present of Chancery-lane, in the county of Middlesex, for the invention of "improvements in refrigerating and in apparatus therefor."
3400. To Adolfo Cozza, of Orvietto, in the Kingdom of Italy, but now residing at Queen-street-place, in the city of London, for the invention of "an improved construction of tube coupling."
3401. To Thomas Francis Hancock, of Whittlebury, in the county of Northampton, Gentleman, and Edmund Carthew Hennab, of Lewisham-road, in the county of Kent, Gentleman, for the invention of "improvements in apparatus for collecting, gathering, and stacking hay and other cut crops."
3402. And to Thomas Howard, of Writton House, in the county of Norfolk, Esquire, for the invention of "improvements in the production of printing ink."
- On their several petitions, recorded in the Office of the Commissioners on the 6th day of September, 1877.
3403. To Charles James Cox and John Pearson Cox, trading as Charles Cox and Sons, of the Queen's Road Works, in the town and county of the town of Nottingham, Bleachers and Lace Manufacturers, for the invention of "improvements in the manufacture of bobbin or twist net, and in machinery for the purpose."
3404. To Gerard Wenzeslaus von Nawrocki, of the firm of J. Brandt and G. W. v. Nawrocki, of Berlin, Germany, Patent Agents, for the invention of "improvements in and connected with door locks, for opening same electrically or pneumatically."—A communication to him from Alphons Lemke, of Aschaffenburg, Germany.
3406. To Michael Holroyd Smith, of Halifax, in the county of York, Mechanical Engineer, for the invention of "improvements in furnace bars, and in apparatus connected therewith."
3407. And to Désiré L'heureux and Hippolyte Ligny, both of Copenhagen-street, in the county of Middlesex, and Percy Cocker, of Hampstead-road, in the same county, for the invention of "improvements in engraving both sunk and in relief on metal, stone, and other hard surfaces."
- On their several petitions, recorded in the Office of the Commissioners on the 7th day of September, 1877.
3410. To William Simpson Shepherd, of Armley-road, Leeds, in the county of York, Woollen Rag Merchant, for the invention of "improvements in machinery for cutting out and removing seams, linings, and other similar things from woollen and other rags."
3412. To Edgar Breffit, of the city of London, for the invention of "improvements in the manufacture of glass in sheets or plates, and in apparatus to be employed therein."
3414. To William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for the invention of "improvements in looms for weaving."—A communication to him from abroad by William Riding, of Norristown, Pennsylvania, United States of America, Machinist.
3416. And to John Batson, of Brewer-street, Golden-square, in the county of Middlesex, Fancy Cabinet Maker, for the invention of