

- obtaining motive-power and in the machinery or apparatus employed therein."—A communication to him from abroad by Sebastien Francois, of Paris, in the Republic of France.
2476. To Warren William De la Rue, of 110, Bunhill-row, in the county of Middlesex, for the invention of "improvements in apparatus for cutting up strips of cardboard into cards suitable for railway tickets, and for other purposes."
2478. To Thomas Johnson Potter, of Clapham, in the county of Surrey, Master of Arts, for the invention of "improvements in the construction of telescopes."
2480. And to John Ritchie, of Stonefield-street, Cloudeley-square, in the county of Middlesex, for the invention of "improved arrangements for salad cutting, also applicable for cutting other substances."
- On their several petitions, recorded in the Office of the Commissioners on the 21st day of June, 1878.
2482. To Thomas Vicars the elder, John Vicars the elder, Thomas Vicars the younger, John Vicars the younger, Engineers, and James Smith, Baker, all of Liverpool, in the county of Lancaster, for the invention of "improvements in the manufacture of loaf and like bread."
2484. To Charles Moise Jacob, of Paris, in the Republic of France, but at present residing at Vernon-place, in the county of Middlesex, Chemist, for the invention of "improvements in the treatment of paper, thread, tissues, textile fabrics, wood, metal, glass, cane, leather, and other surfaces by covering or ornamenting the same in various colours, metallic or otherwise."
2487. To James Shanks and James Gordon Lyon, of Arbroath, in the county of Forfar, Engineer, for the invention of "improvements in governors for motive-power engines."
2489. To Edgar Edmonds, of the firm of Robertson, Brooman, and Company, of 166, Fleet-street, in the city of London, Patent Agents, for the invention of "improvements in boots, shoes, and similar articles."—A communication to him from abroad by Vincent Dupouy, residing at 15, Rue des Halles, Paris, France.
2490. To Mary Pipe, of No. 7, Porchester-road, Bayswater, for the invention of "improvements in cork soles or linings for boots and shoes."
2492. To Henry John Lawson, of London-road Viaduct, Brighton, in the county of Sussex, Engineer, for the invention of "improvements in the construction of velocipedes, including certain improvements in the gearing wheels, alarms, spanners, roller bearings, & wheels belonging thereto, which may be used independently."
2494. To Prince Smith the younger, of Burlington Shed, Keighley, in the county of York, and Smith Ambler, also of Keighley aforesaid, Draughtsman, for the invention of "improvements in the method of and apparatus for doubling and twisting yarn."
2496. To Robert Wortley, of Oldham, in the county of Lancaster, Minder of Self-acting Mules, for the invention of "improvements in apparatus for condensing steam and for producing motive power."
2498. And to Samuel Mart, of Sutton Lodge, Sutton-at-Hone, in the county of Kent, and of Three Crown-square, Borough, in the county of Surrey, and Charles Wallace Bradley, of Circus-place, Finsbury, in the county of Middlesex, for the invention of "im-

proved heating apparatus, specially applicable for heating water."

On their several petitions, recorded in the Office of the Commissioners on the 22nd day of June, 1878.

2500. To John Buckley Deakin and George Henry Deakin, both of Liverpool, in the county of Lancaster, Salt Proprietors, for the invention of "improvements in apparatus used in the manufacture of salt."
2502. To David Bevan and Charles Malpas, of Loughoe, in the county of Glamorgan, for the invention of "improvements in annealing iron and steel."
2506. To Désiré Carpentier, Manufacturer, of the city of Paris, in the Republic of France, for the invention of "improvements in machinery for shaving skins for leather making."
2510. To Andrew Blair, of Glasgow, in the county of Lanark, North Britain, Engineer, for the invention of "improvements in screw or oblique-bladed propellers."
2512. To Charles Ross Simey, of Sunderland, in the county of Durham, for the invention of "improvements in closing & opening the water-tight doors of ships."
2514. To Robert Andrew Gibbons, of Northfleet, in the county of Kent, for the invention of "improvements in cement kilns and ovens."
2516. To William Mead, of Laurence Pountney-hill, in the city of London, at present residing in Paris, France, for the invention of "an improved process for converting into caustic lime spent lime which has been used in the purification of illuminating gas."—A communication to him from Asa W. Wilkinson, a person resident in the city and State of New York, United States of America.
2518. To William Robert Lake, of the firm of Haseltine, Lake, and Co., Patent Agents, Southampton-buildings, London, for the invention of "improvements in tobacco-pipes."—A communication to him from abroad by Georg Friedrich Eich, of Erbach, Hesse, in the Empire of Germany.
2520. To John Garrood, of Fakenham, in the county of Norfolk, Engineer, for the invention of "improvements in turnip thinners."
2522. To Julius Frederick Moore Pellock, of Leeds, in the county of York, Engineer, and John William Ivery, of Edgbaston, in the county of Warwick, for the invention of "improvements in machines for pressing bricks and other objects."
2524. And to Henry Bernoulli Barlow, junior, of Manchester, in the county of Lancaster, Manufacturer of Patent Wire Healds, for the invention of "improvements in wire healds and harnesses, and in heald shafts."
- On their several petitions, recorded in the Office of the Commissioners on the 24th day of June, 1878.
2526. To Thomas Nesham Kirkham, of 21, Abingdon-street, Westminster, C.E., Gas Engineer, and Samuel Chandler, of 104, Newington-causeway, Surrey, Gas Fitter, for the invention of "improvements in gas purifiers or scrubbers."
2528. To Charles Arthur Allison, of the firm of Allison Brothers, Patent Agents, 41, Southampton-buildings, Holborn, in the county of Middlesex, for the invention of "improvements in machinery for rolling cast glass."—A communication to him from abroad by Louis Boonville and Henri Joseph Mayan, Merchants, of the city of Paris, in the Republic of France.