

- him from abroad by Dr. Adolf Frank, of Charlottenburg, in the German Empire.
524. To John Storer, of Glasgow, in the county of Lanark, North Britain, for the invention of "improvements in and connected with lamps to be used in railway carriages and otherwise."
525. To Charles Anthony Burghardt, of Manchester, in the county of Lancaster, for the invention of "an improved process for the utilization of the india-rubber contained in waste vulcanized india-rubber goods, and the recovery of the zinc present in such waste goods, also for the treatment of unvulcanized india-rubber."
526. To Daniel Rudge, of Wolverhampton, in the county of Stafford, Bicycle Manufacturer, for the invention of "improvements in bicycles, partly applicable also to other purposes."
527. To Edwin Carter, of Huddersfield, in the county of York, Packing Manufacturer, for the invention of "a new or improved packing for pistons and similar purposes."
528. To Thomas Craig, of Bradford, in the county of York, Wool-Comber, for the invention of "improvements in machinery for carding fibres."
530. To Arthur Harrison, of Penge, in the county of Surrey, Analytical Chemist, for the invention of "improvements in the preparation of effervescent beverages."
531. To Elkanah Clarke, of Arthur-street, off Bury-road, Loom Jobber, and Thomas Crabtree, of Cut-Gate, within Rochdale, Loom Jobber, both in the county of Lancaster, for the invention of "certain improvements relating to looms for weaving woollen, cotton, silk, worsted, and other substances."
532. To Joseph Hamblet, of West Bromwich, in the county of Stafford, Brick Manufacturer, for the invention of "improvements in machinery for the manufacture of bricks, paving blocks, tiles, and quarries."
533. To Alfred Pumphrey, of Birmingham, in the county of Warwick, Manufacturer, for the invention of "an improvement or improvements in the production of printing surfaces."
534. To John Farrand Clarke, of Moorgate-street, in the city of London, for the invention of "an improvement in apparatus for distributing water in public thoroughfares."
535. To John Bindon Carter, of Nottingham, in the county of Nottingham, Architect and Surveyor, for the invention of "improvements in the construction of wheels, especially applicable to bicycle and perambulator wheels."
536. To George Soley, of Monkwell-street, in the city of London, for the invention of "improvements in dress holders."
537. And to Henry Charles Little, of Yeovil, in the county of Somerset, Ironmonger and Glovers' Cutler, for the invention of "improvements in springs or fasteners for gloves, slippers, shoes, or other similar articles, and in the tools or apparatus for producing the same."
- On their several petitions, recorded in the Office of the Commissioners on the 8th day of February, 1878.
538. To William Henry Thompson, of Finsbury-circus, in the city of London, for the invention of "improvements in tools and machinery for sawing, moulding, boring, and working stone, wood, and other materials."
540. To Christopher Cross, of Mount-street, Pendleton, near Manchester, in the county of Lancaster, Manufacturer, for the invention of "improvements in power looms for weaving the borders, centres, and headings of grey, coloured, and figured loongees, dhooties, saris, shirtings, T cloths, domestics, and other such piece goods for Eastern markets, and in the apparatus employed therefor."
541. To Augustus Bryant Childs, of No. 70, Fenchurch-street, London, for the invention of "improvements in machinery for granulating, crushing, and treating wheat and bran."—A communication to him from abroad by Friedrich Wegmann, of Zurich, Switzerland.
542. To George Joslin, of Colchester, in the county of Essex, for the invention of "improvements in gas meter indices, and in apparatus for testing the agreement of the measuring chambers of gas meters with the standard gas holder, and the accuracy of the indices."
543. To James Douglass, of Blaydon-on-Tyne, in the county of Durham, Engineer and Wagon Builder, for the invention of "improvements in couplings, and in the mode of coupling and uncoupling railway vehicles."
544. To John Glyn Thomas, of Penclawdd, in the county of Glamorgan, Iron and Tin Plate Manufacturer, for the invention of "improvements in apparatus for pickling and washing or 'swilling' metal plates."
545. To James Lang, of Cockspur-street, in the county of Middlesex, Gun Maker, for the invention of "improvements in breech-loading fire arms."
546. To John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for the invention of "improvements in reducing grain and other substances, and in the apparatus employed therein."—A communication to him from abroad by Jean Benjamin Toufflin, of Paris, in the Republic of France.
547. To Thomas Hudson, of Coatbridge, in the county of Lanark, North Britain, for the invention of "improvements in the construction of beams of that class known as box or trough beams."
548. To John Dickinson Brunton and Frank Henry Julius Trier (commonly known as Frank Trier), both of Battersea, in the county of Surrey, Engineers, for the invention of "improvements in machinery or apparatus for cutting rock and dressing, shaping, planing, and turning stone."
549. To Joseph Sawyer, of Alma-street, New North-road, in the county of Middlesex, Engineer, for the invention of "improvements in furnaces and furnace doors."
550. To William Mitchell, of Killinghall Mill, Ripley, in the county of York, Shuttle Maker, for the invention of "improvements in shuttle wheels for looms for weaving."
552. To William John Hinde, of 237, Euston-road, London, Cabinet Manufacturer, for the invention of "an improved folding table for reading, for ordinary use, or for the bedside, and to act as a fire screen or not as desired."
553. To Josiah Latimer Clark and John Standfield, both of 6, Westminster-chambers, Victoria-street, in the city of Westminster, for the invention of "improvements in floating docks and pontoons."
554. To Ludwig William Ossenkop, of Hanover, Germany, now of 8, Southampton-buildings, London, formerly Head Gardener to the Emperor of Russia, for the invention of "an improved method of and apparatus for multiplying or facilitating and accelerating the growth of vines, fruit trees, and other trees, shrubs, or plants."