

- same can be opened to either side, and when shut are perfectly tight."—A communication from Carl Wilhelm Friedrich Maetz, Engineer, a person resident at Mediasch, in the Empire of Austria.
3581. To William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for the invention of "improvements in turbines."—A communication to him from abroad by John Hedges Lidgerwood, of the city and State of New York, United States of America.
3582. To Charles Mare Pett Howat Triscott, of Number 5, Limes-grove, Lewisham, in the county of Kent, for the invention of "improvements in tobacco pipes."
3584. To John Griffiths Hughes, Engineer, of Sunderland, in the county Durham, for the invention of "improvements in steam boilers."
3586. And to John Harrison, of Liverpool, in the county of Lancaster, for the invention of "improvements in and appertaining to valves for steam and other motive power engines."
- On their several petitions, recorded in the Office of the Commissioners on the 10th day of September, 1878.
3592. To Samuel Russell, of 102, Clarendon-road, Notting Hill, in the county of Middlesex, for the invention of "improvements in door locks and handles."
3594. To Edwin Powley Alexander, of 14, Southampton-buildings, in the county of Middlesex, Consulting Engineer and Patent Agent, for the invention of "improvements in machinery or apparatus for sewing sacks and other coarse and heavy goods."—A communication to him from abroad by Karl Schultheiss, of Vienna, Austria.
3595. To Joseph Clark, of Liverpool, in the county of Lancaster, for the invention of "an improved safety fastening for studs, buttons, brooches, and analogous articles."
3597. To Charles Payant, of Manchester, in the county of Lancaster, Engineer, for the invention of "improvements in the manufacture of hats."
3598. To Patrick O'Grady, of Pentonville, in the county of Middlesex, for the invention of "an improved over-shirt."
3599. To Ludwig Mond, of Northwich, in the county of Chester, Manufacturing Chemist, for the invention of "improvements in the treatment of brine for the production of carbonates of soda and salt."
3600. To William Frankham, of Walsall, in the county of Stafford, Smith, and John Birch, of the same place, Harness Manufacturer, for the invention of "an improved box tug for harness."
3601. To James Witherspoon, of Fox-court, Brook-street, Holborn, in the county of Middlesex, for the invention of "improvements in the cases or frames of barometers."
3602. And to John Pearce, of 48, Moorgate-street, in the city of London, for the invention of "improvements in securing knobs or handles to the spindles of locks and other spindles."
- On their several petitions, recorded in the Office of the Commissioners on the 11th day of September, 1878.
3604. To John Guy Wilson, of 71, Market-street, in the city of Manchester, and 8, Quality-court, Chancery-lane, in the city of London, Mechanical Engineer and Patent Agent, for the invention of "improvements in expanding dining tables."—A communication to him from abroad by Robert William Buscheweigh, of Langenvels, Silesia, in the Empire of Germany.
3605. To Thomas Corry Stone, of Liverpool, in the county of Lancaster, for the invention of "improvements in the manufacture of artificial stone, flags, tiles, bricks, arches, heads, sills, steps, copings, building blocks, or other like analogous articles, which improvements are also applicable to the manufacture of cement."
3607. To Archibald Ritchie Gillespie, of the city of Edinburgh, and Martin Rae, of Middleton Lodge, in the county of Linlithgow, North Britain, for the invention of "improvements in the combustion of oils, and in apparatus therefor."
3608. To Robert Sorley, of Thornhill, in the county of Perth, North Britain, for the invention of "improvements in reaping machines."
3609. To William Robert Lake, of the firm of Haseltine, Lake, and Co., Patent Agents, Southampton-buildings, London, for the invention of "an improved pulley-block."—A communication to him from abroad by John Lang Pope, of Cleveland, Ohio, United States of America.
3610. To Dan Pogson, Mining Engineer, and Richard Burrows, Mechanical Engineer, both of Cinderford, Forest of Dean, Gloucestershire, for the invention of "improvements in packing for steam and other machinery."
3611. To John Plumb Clabrough, of the firm of Clabrough Brothers, of Birmingham, in the county of Warwick, Gun Manufacturers, for the invention of "improvements in breech-loading small arms."—A communication to him from abroad by Julius Bluemel, of San Francisco, in the United States of America, Gun Maker.
3612. To William Henry Osborne Taylor, of Panteg, in the county of Monmouth, Mechanical Engineer, and John Wailes, of the same place, Engineer, for the invention of "improvements in the mode of and apparatus for manufacturing steel ingots."
3615. To Flint Ramsay, of Devon House, Manor-road, Forest Hill, in the county of Kent, Gentleman, for the invention of "improvements in shackles."
3616. And to Reginald Courtenay, Bishop of Kingston, Jamaica, for the invention of "improvements in hats and other coverings for the head."
- On their several petitions, recorded in the Office of the Commissioners on the 12th day of September, 1878.
3618. To Henry Rawlings, of 108, Saint Martin's-lane, Westminster, for the invention of "improvements in filter presses."
3619. To John Wilson Cooper, of Dublin-street, Clonmel, in the county of Tipperary, Ireland, for the invention of "improvements in means or apparatus for scoring games at billiards, which may also be employed for scoring other games."
3620. To Robert Tebbs, of Stepney, in the county of Middlesex, for the invention of "improvements in stoves or apparatus for warming green-houses or other buildings or rooms."
3622. To Willoughby Smith, of 18, Wharf-road, City-road, in the county of Middlesex, for the invention of "improvements in submarine electric telegraph cables."
3623. To Louis Beru and Jules Cor, junior, both of 16, Rue Borgne, Tourcoing, in the Republic of France, at present residing at 18, Leicester-square, for the invention of "improvements in pickers for looms."