

3681. To John Luttler and John Henry Banks, both of Knutsford, in the county of Cheshire, for the invention of "an improved method of constructing furnaces, whereby more perfect combustion takes place, and the smoke from the fuel is more thoroughly consumed."
3682. To Charles Henry Chadburn, of Liverpool, in the county of Lancaster, Optician, for the invention of "an improved instrument for sketching and drawing."
3683. To Richard Hornsby and James Edwin Phillips, both of Spittlegate Iron Works, Grant-ham, in the county of Lincoln, for the invention of "improvements in reaping and mowing machines."
3684. To Henry Kinsey, of the Robin Hood Works, Nottingham, Engineer, for the invention of "improvements in steam and other boilers."
3685. And to William Simpson and John Hutton, both of the town of Northampton, in the county of Northampton, Engineers, for the invention of "improvements in lubricating apparatus and the application of the same to machinery."
- On their several petitions, recorded in the Office of the Commissioners on the 3rd day of December, 1868.
3686. To William Robert Lake, of the "International Patent Office," No. 8, Southampton-buildings, Chancery-lane, in the county of Middlesex, Consulting Engineer, for the invention of "improvements in knitting machines."—A communication to him from abroad by John Gilbert Avery, of the city and State of New York, and Samuel V. Essick, of Worcester, Massachusetts, both in the United States of America.
3687. To William Robert Lake, of the "International Patent Office," No. 8, Southampton-buildings, Chancery-lane, in the county of Middlesex, Consulting Engineer, for the invention of "an improved machine for cutting edible roots."—A communication to him from abroad by Solomon Van Ranslear Hakes, William Barker McCrury, and William Samuel Patrick, all of Flint, Michigan, United States of America.
3689. To Simon Hirsch, of Glasgow, in the county of Lanark, North Britain, for the invention of "improvements in dyeing yarns in hanks or skeins, and in the mechanism or apparatus employed therefor."—A communication to him from abroad by Longin Gantert, of Alexandroff, in the Empire of Russia.
2690. To Robert Charles, of Birmingham, in the county of Warwick, Haberdasher, for the invention of "certain improvements in thimbles."
3692. To John Gustavus Rollins, of Old Swan Wharf, Upper Thames-street, in the city of London, for the invention of "improvements in nozzles for oil cans and other vessels."—A communication to him from abroad by Henry Page, of Boston, in the State of Massachusetts, United States of America.
3693. To William George Ainslie, of 3, East India-avenue, Leadenhall-street, in the city of London, for the invention of "improvements in means for drying peat, peat compounds, and other materials."
3694. To Matthew Piers Watt Boulton, of Tew Park, in the county of Oxford, Gentleman, and John Imray, of Westminster Bridge-road, in the county of Surrey, Engineer, for the invention of "improvements in rotary propellers, pumps, and fans."
3695. To Henry Louis Delabene Marsden, of Louth, in the county of Lincoln, Surveyor and Photographer, for the invention of "improvements in machinery or apparatus for toning, fixing, and washing photographic prints, which improvements are also applicable to rocking machinery or apparatus for other purposes."
3697. To Frederick Beech, of Salford, in the county of Lancaster, Estate Agent, for the invention of "improvements in gullies or stretch traps, and in mud boxes connected therewith."
3698. To Arthur Charles Sterry and Frederick Lambe, both of Rotherhithe New-road, in the county of Surrey, Paraffine Refiners, and John Fordred, of Blackheath, in the county of Kent, Chemist, for the invention of "improvements in the mode of treating and purifying paraffine, and in apparatus to be used therein."
3699. And to John Russell Swann, of 21, Leith-walk, Edinburgh, for the invention of "improvements in kilns for calcining lime stone."
- On their several petitions, recorded in the Office of the Commissioners on the 4th day of December, 1868.
3700. To Ernest Francillon, of Puteaux, near Paris, in the Department of the Seine, in the Empire of France, Manufacturer and Dyer, for the invention of "improvements in dyeing fur and hair."
3701. To Joseph Addey Fawcett, of Wakefield, in the county of York, for the invention of "improvements in means or apparatus for supplying steam boiler and other furnaces with fuel, and for promoting and regulating the combustion thereof."
3702. To Bristow Hunt, of No. 1, Serle-street, Lincoln's-inn, in the county of Middlesex, Gentleman, for the invention of "improvements in wheels for railway carriages and other vehicles of like description."—A communication to him from abroad by Bernhard Edlich, of Paris, in the Empire of France.
3703. To David Thomson, of Johnstone, in the county of Renfrew, North Britain, Engineer, for the invention of "improvements in sawing machinery."
3704. To Robert Girdwood, of Edinburgh, in the county of Mid-Lothian, North Britain, Wool Broker, for the invention of "improvements in apparatus for crushing or reducing ores and similar materials, and for compounding different ingredients, such as the oleaginous and resinous matters used in making sheep smears."
3705. To Henry Denton, of Wolverhampton, in the county of Stafford, Agricultural Implement Maker, for the invention of "improvements in chain or other harrows, and apparatus or machinery connected therewith."
3706. To Edward Kenworthy Dutton, of the Patent Office, 3, Smithy Door, Manchester, in the county of Lancaster, Consulting Engineer, for the invention of "improvements in 'gig mills' employed in the finishing of woven fabrics."—A communication to him from abroad by Adolph Moser, of the firm of "A. Moser and Company," of Aix-la-Chapelle, in the Kingdom of Prussia, Engineers.
3708. To Andrew Masson, of Edinburgh, in the county of Midlothian, North Britain, Engineer, for the invention of "improvements in steam engines."
3709. To John Abraham, of Birmingham, in the county of Warwick, Machinist, for the invention of "improvements in central fire cartridges for breech loading fire arms and ordnance."