

3710. To John Holmes, of Bradford, in the county of York, Brick Manufacturer, for the invention of "improvements in the construction of kilns for the purpose of burning articles made from plastic materials."
3711. To Barnard Fowler, David Greig, and Robert Burton, of the Steam Plough Works, Leeds, in the county of York, for the invention of "improvements in the construction of steam cultivating machinery."
3712. To David Hillocks Paterson, of Sprucefield, in the county of Down, in Ireland, Bleacher, for the invention of "improvements in the process of bleaching, dyeing, or scouring textile materials and fabrics, and in the machinery therefor."
3714. And to Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "a new or improved chemical compound for the disinfection and treatment of sewage and other liquid and solid matters."—A communication to him from abroad by Lucien Henri Blanchard, Merchant, and Théodore Chateau, Chemist, both of 13, Boulevard St. Martin, Paris, in the Empire of France.

On their several petitions, recorded in the Office of the Commissioners on the 5th day of December, 1868.

3718. To Alfred Homfray, of Witley Lodge, Halesowen, in the county of Worcester, Gentleman, for the invention of "improvements in the manufacture of coke, and in machinery or apparatus to be employed in the said manufacture."
3719. To John Ridley, of Belsize Park, in the county of Middlesex, Gentleman, for the invention of "improvements in apparatus for obtaining motive power."
3720. To Alfred Krupp, of Essen, in the Kingdom of Prussia, Cast Steel Manufacturer, for the invention of "certain improvements in breech loading ordnance."
3721. To Edward Simons, of Sheffield, in the county of York, for the invention of "improvements in the construction of shoes for horses and other animals."
3722. 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 rooms and apparatus for photographing by artificial light."—A communication to him from abroad by George Kendall Proctor, of Salem, Massachusetts, United States of America.
3725. And to Thomas Kennan, of the city of Dublin, Engineer, for the invention of "improvements in fences, and in latches or fastenings for the gates of the same, which are applicable also as fastenings for other purposes."

On their several petitions, recorded in the Office of the Commissioners on the 7th day of December, 1868.

3728. To Alexander Mackie, of Warrington, in the county of Lancaster, Newspaper Proprietor, for the invention of "improvements in type composing and distributing machinery or apparatus."
3729. To Henri Adrien Bonneville, of the British and Foreign Patent Offices, 18, Chaussée d'Antin, Paris, in the Empire of France, and 10, Sackville-street, Piccadilly, in the county of Middlesex, Patent Agent, for the invention of "improvements in spinning looms."—A communication from William Gilpin, a person

resident at Vazemmes, in the Empire of France aforesaid, Mechanist.

3730. To William Joshephat Thictener, of Essex-road, Islington, in the county of Middlesex, Chronometer and Watch Manufacturer, for the invention of "improvements in chronometer and other lever watches."
3732. To Joseph Fitter, of Birmingham, in the county of Warwick, Machinist, for the invention of "improvements in the manufacture of the nuts or screw boxes of table expanders."
3733. To Osborne Reynolds, of Manchester, in the county of Lancaster, for the invention of "improved means of signalling or communicating between the passengers, guard, and engine driver of railway trains in motion."
3734. To Richard Brown Roden, of Usk, in the county of Monmouth, Gentleman, for the invention of "improvements in the construction of breech-loading fire-arms."
3735. To Thomas Speir, of Blackstone, in the county of Renfrew, North Britain, for the invention of "improvements in machinery or apparatus for-cultivating land."
3737. To Thomas Lancaster, of Bootle, near Liverpool, in the county of Lancaster, Engineer, for the invention of "improvements in economizing the consumption of fuel in furnaces, and for inducing more perfect combustion."
3738. To Frank William Moss and George Moss, both of the town and county of Leicester, for the invention of "improvements in the mode of, and apparatus for, preventing collisions on railways."
3739. To George Cooper, of Deptford, in the county of Kent, Manager, and John Cotterill, of Shoreditch, in the county of Middlesex, Mechanical Engineer, for the invention of "improvements in apparatus for the manufacture of crucibles and other hollow articles from plastic materials."
3740. To Charles Philip Cotton and John Lionel Lyster, both of the city of Dublin, for the invention of "improvements in kilns for calcining limestone, ores, and minerals."
3741. To William Henry Pottle, of Gray's-inn-road, in the county of Middlesex, Fishing-rod Manufacturer, for the invention of "improvements in umbrellas, parasols, and sunshades."
3742. To John Kirk and John Kirk the younger, both of Wellington-street, Park Side, in the parish of New Lenton, in the county of Nottingham, Lace Manufacturers, for the invention of "improvements in the manufacture of weavings made on bobbin, net, or twist lace machines."
3743. To John Ball the younger, of the town and county of the town of Nottingham, Lace Manufacturer, for the invention of "improvements in machinery or apparatus employed in the cutting off the superfluous threads or fibres from spots, sprigs, and other devices made on lace or other fabrics."
3744. To George Preston White, of No. 12, Furnival's-inn, Civil Engineer, for the invention of "improvements in constructing the roadways, platforms, or floors of bridges and other structures."
3745. And to William Baines, of the Railway Plant Works, Soho, Smethwick, in the county of Stafford, Engineer, for the invention of "improvements in apparatus for signalling and working the switches on railways, and for signalling in railway trains."

On their several petitions, recorded in the Office of the Commissioners on the 8th day of December, 1868.