

3492. And Robert Warry, Armourer Sergeant of St. Mary's Barracks, Chatham, in the county of Kent, has given the like notice in respect of the invention of "improvements in the construction of breech-loading fire-arms."
As set forth in their respective petitions, all recorded in the said office on the 7th day of December, 1867.
3497. And William Clapperton, Manager to Messrs. John McDowall and Sons, Walkinshaw Foundry, of Johnstone, in the county of Renfrew, North Britain, has given the like notice in respect of the invention of "improvements in machinery for shaping cask headings and similar articles."
3498. And William Clark, of 75, Baker-street, Portman-square, in the county of Middlesex, has given the like notice in respect of the invention of "a new instrument for clipping or shearing horses or other animals, also applicable to other similar useful purposes."
3499. And Lauchlan Rose, of Leith, in the Kingdom of Scotland, Lime and Lemon Juice Merchant, has given the like notice in respect of the invention of "an improved mode of preserving vegetable juices."
As set forth in their respective petitions, all recorded in the said office on the 9th day of December, 1867.
3509. And John Grout, of the city of Hereford, Ironmonger, and Edwin Mathews, also of the city of Hereford, Agent, have given the like notice in respect of the invention of "improvements in apparatus for training or growing hops and other plants, which improvements may also be applied to line-posts and other posts or supports for various purposes."
As set forth in their petition, recorded in the said office on the 10th day of December, 1867.
3521. And Georges Henry Nick, of Paris, Passage Saulnier, No. 11, in the French Empire, has given the like notice in respect of the invention of "an improved sheave or pulley for ships' blocks or other purposes."
As set forth in his petition, recorded in the said office on the 11th day of December, 1867.
3528. And Richard Roberts, of Pontypridd, in the county of Glamorgan, Engineer, and Philip Williams, of the firm of Morgan, Williams, and Company, of the same place, Engineers, have given the like notice in respect of the invention of "an improved equilibrium slide valve for steam engines."
3529. And Rowland William Brownhill, of Walsall, in the county of Stafford, Manufacturer, has given the like notice in respect of the invention of "improvements in water tuyeres for blast furnaces, smiths' fires, and for other like purposes."
As set forth in their respective petitions, both recorded in the said office on the 12th day of December, 1867.
3547. And William McIlwraith and Joseph Bonner, both of Glasgow, in the county of Lanark, North Britain, have given the like notice in respect of the invention of "improvements in apparatus to be applied to looms for weaving."
As set forth in their petition, recorded in the said office on the 13th day of December, 1867.
3566. And Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in the extraction of ammonia from fermented and other liquids, and in the regeneration of the agents used in such extraction."—A communication to him from abroad by Armand Coste and Louis Taupin de Rosnay, Merchants, both of 29, Boulevard St. Martin, Paris.
As set forth in his petition, recorded in the said office on the 14th day of December, 1867.
3571. And Joseph Booth, John Booth, and Jeremiah Booth, all of Rodley, near Leeds, in the county of York, Engineers and Millwrights, have given the like notice in respect of the invention of "improvements in means or apparatus for effecting the cutting or dressing of stone."
3577. And William Henry Kerr, of Clontarf, in the county of Dublin, Ireland, China Merchant, has given the like notice in respect of the invention of "improvements in the preparation of material to be used in the manufacture of porcelain and pottery."
As set forth in their respective petitions, both recorded in the said office on the 16th day of December, 1867.
3587. And Ernest Marie Du Boys, Government Engineer, of Paris, France, has given the like notice in respect of the invention of "improvements in liquid meters, or apparatus for measuring and registering the volume of water or other liquid flowing under pressure through pipes or ducts."
As set forth in his petition, recorded in the said office on the 17th day of December, 1867.
3614. And William Haden Richardson, of Glasgow, in the county of Lanark, North Britain, has given the like notice in respect of the invention of "an improved apparatus to be employed in the manufacture of iron and steel."
As set forth in his petition, recorded in the said office on the 19th day of December, 1867.
3689. And William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, has given the like notice in respect of the invention of "improvements in butt hinges."—A communication to him from abroad by Benjamin Franklin Barker, of San Francisco, California, United States of America
3690. And William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, has given the like notice in respect of the invention of "improvements in motors or apparatus for generating motive power, and in the method of applying the same to produce useful effect."—A communication to him from abroad by Benjamin Talbot Babbitt, of the city and State of New York, United States of America.
As set forth in his respective petitions, both recorded in the said office on the 28th day of December, 1867.
296. And William Robert Lake, of the "International Patent Office," No. 8, Southampton-buildings, Chancery-lane, in the county of Middlesex, Consulting Engineer, has given the like notice in respect of the invention of "an improved pavement."—A communication to him from abroad by Clarendon Willams and Thomas Stephens, both of the city and State of New York, United States of America.
As set forth in his petition, recorded in the said office on the 28th day of January, 1868.