

- sioners of their intention to proceed with their application for letters patent for the invention of "improvements in water tuyeres."
3376. And Henry Goodfellow, of Madeley, in the county of Stafford, Manager of Works, has given the like notice in respect of the invention of "improvements in machinery or apparatus for grinding clay and such like substances." As set forth in their respective petitions, both recorded in the said office on the 22nd day of December, 1866.
3389. And Joseph Rodgers, of Hunslet, near Leeds, in the county of York, has given the like notice in respect of the invention of "improvements in the construction of drums, pulleys, 'glazers,' and cones." As set forth in his petition, recorded in the said office on the 24th day of December, 1866.
3395. And Thomas Brown Jordan, of South Lambeth, in the county of Surrey, Mechanical Engineer, and John Darlington, of Moorgate-street-chambers, in the city of London, Mining Engineer, have given the like notice in respect of the invention of "improvements in machinery for applying hydraulic power to mining and other purposes." As set forth in their petition, recorded in the said office on the 26th day of December, 1866.
3399. And William Brookes, of Loughborough, in the county of Leicester, Overlooker of Picking-in-Machines, and John Mayes, of Loughborough aforesaid, Manufacturer of Hosiery, have given the like notice in respect of the invention of "improvements in the manufacture or production of needles."
3400. And Bentley Shaw, of the firm of Bentley and Shaw, of Lockwood, near Huddersfield, in the county of York, Brewers, and Wine and Spirit Merchants, and John Appleyard, of the same place, Carpenter, have given the like notice in respect of the invention of "an improved safety bottle case." As set forth in their respective petitions, both recorded in the said office on the 27th day of December, 1866.
3402. And Nicolai Christian Franzen, of Hamburg, has given the like notice in respect of the invention of "a steering indicator, or a machine or apparatus for indicating to the eye by day and night the position and movement of the rudders of vessels."
3406. And Alexander Woodlands Makinson, of No. 22, Abingdon-street, Westminster, Civil Engineer, has given the like notice in respect of the invention of "improvements in locomotive and marine engines." As set forth in their respective petitions, both recorded in the said office on the 28th day of December, 1866.
3415. And John Erskine Brown, of Glasgow, in the county of Lanark, North Britain, Engineer, has given the like notice in respect of the invention of "improvements in the holding, distending, and otherwise treating or finishing woven and other web fabrics, and in the means or apparatus employed therefor."
3424. And Charles Harrison, of the city of Manchester, in the county of Lancaster, Machinist, has given the like notice in respect of the invention of "improvements in cocks or valves."
3426. And William Wilby, of the city and county of Dublin, in Ireland, Leather Belt Manufacturer, has given the like notice in respect of the invention of "improvements in the manufacture of straps or belts for driving machinery, and in a new or improved construction of joint or coupling for the ends of such and other like belts."
3427. And Edward Barnard Sampson, of Thrupp Lodge, near Stroud, in the county of Gloucester, Manufacturer, has given the like notice in respect of the invention of "improvements in saucepans, kettles, and other vessels for culinary purposes." As set forth in their respective petitions, all recorded in the said office on the 29th day of December, 1866.
3440. And Thomas William Plum, of 54, Threadneedle-street, London, has given the like notice in respect of the invention of "improvements in apparatus for taking off liquids from casks and other vessels, and similar purposes."
3442. And Alexander Henry, of Edinburgh, in the county of Midlothian, North Britain, has given the like notice in respect of the invention of "improvements in fire arms."
3446. And James Theodore Griffin, of Fleet-street, in the city of London, Gentleman, has given the like notice in respect of the invention of "improvements in calendar movements for clocks."—A communication to him from abroad by Henry Horton, of Ithaca, in the United States of America.
3447. And George Pearce Pocock, of Camberwell, in the county of Surrey, Gentleman, has given the like notice in respect of the invention of "improvements in breech-loading fire-arms."
3451. And James Miller and James Miller, junior, of No. 5, Park-road, North Bow, in the county of Middlesex, have given the like notice in respect of the invention of "improvements in the manufacture of elastic gussets."
3453. And Frederic Pelham Warren, of East Court, Cosham, in the county of Hants, Commander in the Royal Navy, has given the like notice in respect of the invention of "improvements in cooking apparatus, parts of which improvements are applicable also to other purposes." As set forth in their respective petitions, all recorded in the said office on the 31st day of December, 1866.
3. And Andrew Dwight Campbell, of Manchester, in the county of Lancaster, has given the like notice in respect of the invention of "an improved bench planing machine."—A communication to him from abroad by Joseph Jones, of Newark, New Jersey, United States of America. As set forth in his petition, recorded in the said office on the 1st day of January, 1867.
19. And Joseph Knowles Broadbent, of the city of Manchester, in the county of Lancaster, has given the like notice in respect of the invention of "improvements in machinery or apparatus for the prevention of smoke from furnaces used for steam boilers, and other similar purposes."
22. And Walter Knaggs, of No. 5, Euston-grove, Euston-square, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in apparatus for evaporating and boiling saccharine liquors." As set forth in their respective petitions, both recorded in the said office on the 3rd day of January, 1867.
47. And William Way, of Eliot-place, Blackheath, in the county of Kent, M.D., has given the like notice in respect of the invention of "improvements in preparing phosphatic minerals for use as manure."—The result partly of a communi-