Patent Law Amendment Act, 1852. Office of the Commissioners of Patents for Inventions. OTICE is hereby given, that—

1620. Charles Fréderic Vasserot, of 45. Essexstreet, Strand, London, Patent Agent, has given notice at the Office of the Commissioners of his intention to proceed with his application for letters patent for the invention of "an improved artificial manure."—A communication from S. A. Grillon, residing at Champhaut, Orne, in the Empire of France.

As set forth in his petition recorded in the said office on the 19th day of July, 1858.

- 1631. And Jean Schmitt, of Guernsbach, near Radstadt, in the Grand Duchy of Baden, and and of 44, Greek-street, Scho-square, London, Engineer, has given the like notice in respect of the invention of "cementing, hardening, and tempering rails for railways, and also axles for railway carriage-wheels."
- 1635. And John Cartwright Hill, of Kentishtown, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in making joints for connecting pipes and other articles by means of lead or other soft metal."
- 1636. And Reuben Clarke, of Cwmbran, near Newport (Mechanic), in the county of Monmouth, has given the like notice in respect of the invention of "improvements in windows, window blinds and shutters."
- 1642. And William Asquith and Joseph Asquith, both of Leeds, in the county York, Cloth Dressers, have given the like notice in respect of the invention of "ornamenting the surfaces of raised pile fabrics, and in the apparatus employed therein."

As set forth in their respective petitions, all recorded the said office on the 20th day of July, 1858.

- 1645. And Matthew Matley, of Ashton-under-Lyne, in the county of Lancaster, Engineer, has given the like notice in respect of the invention of "improvements applicable to steamboilers for consuming smoke and economizing fuel in the generation of steam."
- 1646. And Thomas Piatti, of Paris, France, Gentleman, has given the like notice in respect of the invention of "an improved propeller."

As set forth in their respective petitions, both recorded in the said office on the 21st day of July, 1858.

- 1653. And Henry Green, of Liverpool, in the county of Lancaster, Ironmonger, has given the like notice in respect of the invention of "a new or improved hinge for hanging and closing doors, gates, or windows."
- 1658. And Henry Higgins, of Salford, in the county of Lancaster, Machinist, and Thomas Schofield Whitworth, of the same place, Manager, have given the like notice in respect of the invention of "improvements in machinery for spinning and doubling, or twining cotton and other fibrous materials."

As set forth in their respective petitions, both recorded in the said office on the 22nd day of July, 1858.

1667. And Michael Shanly, of 5, Meard's-street, Dean-street, Soho-square, in the county of Middlesex, has given the like notice in respect of the invention of "a mercurial level to show the height of liquids in enclosed and opaque vessels, vases, and principally for steam-boilers."—A communication from Edward Legris, of Paris. 1668. And William Merry, of No. 9, Park-placevillas, Paddington, London, has given the like notice in respect of the invention of "improvements in apparatus for preventing the escape of foul air, from area, kitchen, and scullery drains of dwelling-houses, also from street, stable, and slaughter-house drains."

As set forth in their respective petitions, both recorded in the said office on the 24th day of July, 1858.

- 1674. And Daniel Adamson, of Newton Moor Iron Works, Hyde, in the county of Chester, Engineer, has given the like notice in respect of the invention of "improvements in hydraulic apparatus for raising and lowering heavy articles, and in an application of hydraulic power for rivetting metallic structures, as iron ships, boilers, tanks, and similar articles."
- 1675. And Charles Fréderic Vasserot, of 45, Essex-street, Strand, London, Patent Agent, has given the like notice in respect of the invention of "improvements in glass-roofs, skylights, windows, and other glass structures."—A communication from Pierre François Rolier-Gonsault, of Montargis (Loiret), in the Empire of France.
- 1676. And Alphonse Sax, of Paris, France, Musical Instrument Maker, has given the like notice in respect of the invention of "improvements in wind musical instruments."
- 1685. And John Hope, of the State of Rhode Island, of the United States of America, has given the like notice in respect of the invention of "a new and useful mechanism or apparatus for supporting and adjusting a graver of a machine for engraving the surface of a calico printer's roller, preparatory to the same being etched."
- 1687. And Peter Augustin Godefroy, of 3, King's Mead-cottages, New North-road, Islington, in the county of Middlesex, Operative Chemist, has given the like notice in respect of the invention of "improvements in the cleansing of gutta percha, and in the more perfect insulation of electric telegraph wire."

As set forth in their respective petitions, all recorded in the said office on the 26th day of July, 1858.

- 1689. And Henry Ashton, of Bewley-street, Kirkdale, in the county of Lancaster, Locomotive Engine Driver, has given the like notice in respect of the invention of "improvements in the furnaces of steam-boilers."
- 1693. And Alexander Taylor, of No. 1, Wellington-cottages, De Beauvoir Town, Kingsland, has given the like notice in respect of the invention of "improvements in pianofortes."

As set forth in their respective petitions, both recorded in the said office on the 27th day of July, 1858.

1705. And Henry Harden, of Dundalk, in the county of Louth, Ireland, Locomotive Superintendent to the Dublin and Belfast Junction Railway Company, has given the like notice in respect of the invention of "improvements in the construction of tubular steam-boilers."

As set forth in his petition, recorded in the said office on the 28th day of July, 1858.

1739. And Edward John Michael Cetti, of Brookstreet, in the county of Middlesex, Mathematical Instrument Maker, has given the like notice in respect of the invention of an "improvement in barometers, gauges, and other analogous instruments."

As set forth in his petition recorded in the said office on the 31st day of July, 1858.