

Patent Law Amendment Act, 1852.

Office of the Commissioners of Patents for
Inventions.

NOTICE is hereby given, that the petition of William Robert Lake, of the firm of Haseltine, Lake, and Co., Patent Agents, Southampton-buildings, London, praying for letters patent for the invention of "an improved process and machinery for concentrating ores,"—a communication to him from abroad by William Hooper, of Ticonderoga, New York, United States of America, Mining Engineer,—was deposited and recorded in the Office of the Commissioners on the 25th day of April, 1871, and a complete specification accompanying such petition was at the same time filed in the said office.

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Inventions.

NOTICE is hereby given, that provisional protection has been allowed—

221. To Robert Boyle, of Glasgow, in the county of Lanark, North Britain, for the invention of "improvements in ventilators and smoke extractors."

On his petition, recorded in the Office of the Commissioners on the 27th day of January, 1871.

247. To Charles John Galloway and John Henry Beckwith, both of Manchester, in the county of Lancaster, for the invention of "improvements in valves blowing engines, also applicable to air and other pumps."

On their petition, recorded in the Office of the Commissioners on the 30th day of January, 1871.

423. To Alfred Evans Fletcher, of Liverpool, in the county of Lancaster, Government Inspector of Alkali Works for the Western District, for the invention of "improved apparatus for measuring and indicating the rate of motion of a ship or other body through water and the speed of currents of water or other liquids."

On his petition, recorded in the Office of the Commissioners on the 17th day of February, 1871.

555. To Frederick Richard Wheeldon, of Wolverhampton, in the county of Stafford, Engineer, for the invention of "improvements in the manufacture of wheels and pinions."

On his petition, recorded in the Office of the Commissioners on the 2nd day of March, 1871.

627. To Thomas Weatherburn Dodds, of Stoke-upon-Trent, in the county of Stafford, Engineer, for the invention of "improvements in locomotive engines, parts of which may be used in other steam engines."

On his petition, recorded in the Office of the Commissioners on the 9th day of March, 1871.

691. To Henry Deacon, of Appleton House, Widnes, in the county of Lancaster, Alkali Manufacturer, for the invention of "improvements in the manufacture of bleaching powder, and of sulphate of soda, and of sulphate of potash, and in apparatus to be employed therein."

693. And to George Allibon and William Walsh, of No. 50, Old Broad-street, E.C., for the invention of "improvements in constructing, fixing, repairing, and reinstating telegraph, signal, and other poles and posts, and apparatus to be employed therein."

On both their petitions, recorded in the Office of the Commissioners on the 15th day of March, 1871.

741. To John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for the invention of "improvements in machinery or apparatus for breaking stone and other hard substances."—A communication to him from abroad by Hugh Juno Browne, of Melbourne, in the colony of Victoria, Merchant, and Arthur Hope, of Prahram, in the same colony, Engineer.

On his petition, recorded in the Office of the Commissioners on the 18th day of March, 1871.

753. To Henry Deacon, of Appleton House, Widnes, in the county of Lancaster, Alkali Manufacturer, for the invention of "improvements in the manufacture of sulphuric acid, and in apparatus to be employed therein."

On his petition, recorded in the Office of the Commissioners on the 20th day of March, 1871.

756. To Thomas Glazebrook Rylands, of the firm of Rylands, Brothers Limited, Wire Drawers and Galvanizers, Church-street, Warrington, in the county of Lancaster, for the invention of "improvements in machinery for stretching and testing wire in the manner commonly known as 'killing,' the wire so treated to be used for telegraphic and for any purposes for which such wire may be employed."

758. And to William Haslett Mitchel, of Newry, in the county of Armagh, Ireland, Gentleman, for the invention of "improved means for retaining the lubricating oil in spindle-necks and other journals."

On both their petitions, recorded in the Office of the Commissioners on the 21st day of March, 1871.

771. To George Taylor Yull and James Theodore Griffin, both of 77, Upper Thames-street, in the city of London, for the invention of "improvements in reaping and mowing machines."

783. And to William Henry Balmain, of St. Helen's, in the county of Lancaster, Manufacturing Chemist, for the invention of "improvements in machinery or apparatus for grinding, pulverizing, or levigating certain solid substances, and for mixing or agitating liquids, or liquids and solids together."—A communication to him from abroad by William Jones Menzies, at present residing at New York, in the United States of America.

On both their petitions, recorded in the Office of the Commissioners on the 22nd day of March, 1871.

797. To James Carver, of the firm of Messieurs Carver and Mosley, of "The Butcher Street Works," in the town and county of the town of Nottingham, Bobbin and Carriage Manufacturers and Machine Builders, for the invention of "improvements in machinery employed in the manufacture of bobbin net or twist lace."

On his petition, recorded in the Office of the Commissioners on the 23rd day of March, 1871.

859. To John Onions, of No. 8, Suffolk-place, New-road, Rotherhithe, in the county of Surrey, Engineer, for the invention of "improvements in self-acting basting jacks, for turning and basting meat and other viands while roasting or baking."

865. And to George Nurse, of Pen-y-van House, Pontymister, in the county of Monmouth, for the invention of "an improved process for treating iron and other plates to be coated or covered with tin or a mixture of tin and lead or other material, also apparatus to be used therewith."

On both their petitions, recorded in the Office