

from abroad by William Farr Goodwin, of East New York, in the State of New York, United States of America.

587. And to William Wilson, of the borough of Newcastle-on-Tyne, Hat Manufacturer, for the invention of "improvements in apparatus for lubricating the sliding valves and pistons of steam engines."—A communication to him from abroad by Freiderich Schauwecker, a person resident at Weiden, Bavaria.

On their several petitions, recorded in the Office of the Commissioners on the 21st day of February, 1868.

588. To Augustus de Metz, of Wolverhampton, in the county of Stafford, for the invention of "improvements in commode-pots or vessels to be used as water closets, or for other purposes."

590. To John McCall, of Houndsditch, in the city of London, Provision Merchant, for the invention of "an improved mode or process of preserving meat."

591. To Charles John Galloway, of Manchester, in the county of Lancaster, Engineer, for the invention of "improvements in wrought iron and steel piles, pillars, and columns."

592. 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 machinery for supplying type forms in printing presses with various coloured inks for each impression."—A communication to him from abroad by George Washington Wood, of Richmond, Indiana, United States of America.

593. To Joseph Needham, of Piccadilly, in the county of Middlesex, for the invention of "improved fastenings for gloves, boots, and other articles."

594. To Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, for the invention of "improvements applicable to steam boiler and other furnaces."—A communication to him from abroad by William Henry Nobles, of St. Paul, in the State of Minnesota, and Milton Vorse Nobles, of Elmira, in the State of New York, United States of America.

595. To James Jones Aston, of 13, Pembroke-gardens, Kensington, in the county of Middlesex, and of the Middle Temple, Barrister-at-Law, for the invention of "improvements in machinery or propellers applicable for the propulsion of ships, boats, and other vessels, on and over the water."

596. To Benjamin Edward Reina Newlands, F.C.S., of 4, Malvern-terrace, Charlton, in the county of Kent, for the invention of "improvements in treating spent oxide of iron or oxide of iron which has been used in gas works or otherwise to separate sulphur from sulphuretted hydrogen, and in the purification of sulphur obtained from such oxide of iron."

597. To William Hawkes Ryland, of Birmingham, in the county of Warwick, Manufacturer and Factor, for the invention of "improvements in fastenings for articles of dress and jewellery."

598. To Francis Sangster, of No. 15, Dacre Park, Lee, in the county of Kent, for the invention of "improvements in parasols and umbrellas."

599. 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 electrical signal or

alarm apparatus."—A communication to him from abroad by George Washington Shawk and Job Franz, both of Cleveland, Ohio, United States of America.

600. To Samuel Firth, of Leeds, in the county of York, Merchant, for the invention of "improvements in machinery for cutting coal, stone, or other minerals."

601. To Elizabeth Jewel Nicoll, of Oxford-street, and Thomas Mark Ablett, of High Holborn, Shoemaker, both in the county of Middlesex, for the invention of "improvements in waist springs for boots and shoes."

603. And to Richard Heathfield, of Birmingham, in the county of Warwick, Manufacturer, for the invention of "improvements in the manufacture of cut nails."

On their several petitions, recorded in the Office of the Commissioners on the 22nd day of February, 1868.

605. To James Wren Watts, of Norway-street, St. Luke's, in the county of Middlesex, for the invention of "improvements in machinery for preparing vegetable fibre."

607. To Philip Henry Hancock, of No. 107, Tachbrook-street, Pimlico, in the county of Middlesex, and Joseph Paxton French, of No. 6, St. Andrew's-terrace, Wandsworth-road, in the county of Surrey, for the invention of "improvements in printing machines."

609. To John Macintosh, of North Bank, Regent's Park, and William Boggett, of Lindsey Houses, Chelsea, both in the county of Middlesex, for the invention of "improvements in the manufacture and application of elastic goods or fabrics."

611. To William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "improvements in the manufacture of illuminating gas."—A communication to him from abroad by Charles Musier Taintor, of the City and State of New York, United States of America.

613. To George Sinefi Dracopulo, of Cardiff, in the county of Glamorgan, for the invention of "a new apparatus for raising or forcing water applicable to ships, mines, and other purposes."

615. And to Rudolph Bodmer and John James Bodmer, both of Newport, in the county of Monmouth, and Louis Rudolph Bodmer, of 2, Lansdowne-road, Notting-hill, in the county of Middlesex, for the invention of "improvements in the manufacture of artificial stone, and in machinery to be employed therein."

On their several petitions, recorded in the Office of the Commissioners on the 24th day of February, 1868.

617. To Henry Defries, of the firm of Jonas Defries and Sons, of Houndsditch, in the city of London, Manufacturer, for the invention of "improvements in the manufacture of opal or glass lamp and gas globes, chimneys, and shades of every description."

621. To Edward Thomas Hughes, of the firm of Hughes and Son, Patent Agents, 123, Chancery-lane, London, for the invention of "improvements in the manufacture of hoop skirts."—A communication to him from abroad by Thomas Burlock De Forest, of Birmingham, in the county of New Haven, and State of Connecticut, United States of America.

623. To Edward Hutchinson, of the firm of Pease, Hutchinson, and Company, of Darlington, in the county of Durham, Iron Manufacturers, for the invention of "improvements in the construction of planing machines."