

of the Commissioners on the 7th day of March, 1857.

677. To Frederick Shand Hemming, of Westminster, county of Middlesex, Mining Agent and Engineer, for the invention of "improvements in the manufacture of railway chairs and sleepers."

On his petition, recorded in the Office of the Commissioners on the 9th day of March, 1857.

703. To George Mountford, of Caledonian-terrace, Leeds, in the county of York, Surveyor, for the invention of "improvements in machinery or apparatus for cutting or chopping loaf sugar, roots, and other substances."

705. To Charles Emile Gajola, of Birmingham, in the county of Warwick (Boyces Cottage, No. 2, Sheep-cott-lane), for the invention of "improvements in moderator lamps."

707. To William Boden, of Blackwall, Poplar, in the county of Middlesex, Gas Fitter, for the invention of "improved apparatus for flushing water closets and urinals."

709. And to William Hale, of Swan-walk, Chelsea, in the county of Middlesex, Engineer, for the invention of "an improvement in rolling iron and steel."

On their several petitions both recorded in the Office of the Commissioners on the 11th day of March, 1857.

711. To Joseph Jules Derriey, of Paris (France), Mechanician, for the invention of "improvements in machines for manufacturing lozenges, wafers, or pastilles of pasty materials."

713. To John Avery, of 32, Essex-street, Strand, London, Patent Agent, for the invention of "an improved method of purifying schistous or bituminous oils."—A communication from Charles Camus and Jean Missillier, of Paris, in the Empire of France.

715. To George Travis, of Mercaston, Derby, for the invention of "improvements in apparatus used in the manufacture of cheese."

717. And to William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of improved machinery for drawing and preparing silk, cotton, wool, flax, hemp and other fibrous substances."—A communication from Mr. Antoine Louis Warnery, of Lyons, in the Empire of France, Manufacturer.

On their several petitions, recorded in the Office of the Commissioners on the 12th day of March, 1857.

719. To Thomas Horne, junior, of Birmingham, in the county of Warwick, Manufacturer, for the invention of "a new or improved method of ornamenting metallic bedsteads and wash hand stands."

721. To Samuel Lawrence Taylor, of Cotton End, in the county of Bedford, Machinist, and Thomas Eaton Rolfe, of Northhill, in the same county, Tailor, for the invention of "improvements in boilers for generating steam, heating water, and for other heating or boiling purposes."

723. To William Westbrooke Squires, of Liverpool, in the county of Lancaster, Doctor of Medicine, for the invention of "improvements in the means of letting on and drawing off water and other fluids."

725. And to Edmond Joseph Nicolas Juvin, of Paris, in the Empire of France, Gentleman, for the invention of "improvements in producing printing surfaces."

On their several petitions, recorded in the Office of the Commissioners, on the 13th day of March, 1857.

727. To John Wheatman and John Smith, Saw Manufacturers, of Sheffield, in the county of York, trading under the style or firm of Wheatman and Smith, for the invention of "improvements in the mode of grinding circular saws."

729. To Henry Bridges, of Bridgewater, in the county of Somerset, Engineer, for the invention of "improvements in buffing, bearing, and draw springs, and buffer cases for railway purposes."

731. To Martin Nunn, of Hampstead, in the county of Middlesex, Gentleman, for the invention of "certain improvements in machinery or apparatus for washing or cleansing clothes, piece-goods, and other articles."

733. And to Thomas Bowden, of Pendleton, in the county of Lancaster, Millwright, for the invention of "improvements in apparatus for discharging the water resulting from the condensing of steam, used in apparatus heated by steam."

On their several petitions, recorded in the Office of the Commissioners on the 14th day of March, 1857.

737. To Henry Glaysler, of the Isle of Wight, in the county of Hampshire, Engineer, for the invention of "improvements in steam engine boiler and other furnaces."

739. To George Joseph Hall, of Nos. 10 and 11, Archer-street, St. James', in the county of Middlesex, for the invention of "an improvement in finishing fabrics made wholly or partly of silk."

741. And to Richard Archibald Brooman, of 166, Fleet-street, in the city of London, E.C., Patent Agent, for the invention of "improvements in zincing or coating metals with zinc, and in cleaning metals."—A communication.

On their several petitions, recorded in the Office of the Commissioners on the 16th day of March, 1857.

743. To Nathaniel Jones Amies, of Manchester, in the county of Lancaster, Smallware Manufacturer, for the invention of "certain improvements in machinery or apparatus for polishing and finishing yarns or threads."

745. To Henry Boswell Palmer, of Bermondsey, in the county of Surrey, Woolstapler, for the invention of "an improved fire lighter."

749. To William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "certain improvements in folding window blinds and shutters."—A communication.

751. To Modeste Anquetin, of Paris, in the Empire of France, Watchmaker, for the invention of "an improved traveller's watch."

753. To William MacNaught, of Rochdale, in the county of Lancaster, Engineer, for the invention of "certain improvements in engines worked by steam or other motive power, and in their gearing for connecting them with machinery, and in the means of lubricating such engines."

755. And to George Forsyth, of the Stakeford Foundry, Maxwelltown, in the Stewartry of Kirkcudbright, North Britain, Engineer, for the invention of "improvements in steam cooking apparatus."

On their several petitions, recorded in the Office of the Commissioners on the 17th day of March, 1857.

757. To John Millar, of Edinburgh, in the county of Mid-Lothian, Glass Merchant, for the invention of "improvements in stoppers or closing apparatus for decanters, bottles, and other receptacles."