

2948. And to Louis Joseph Frédéric Margueritte, of Paris, in the Empire of France, Chemist, for the invention of "improvements in purifying rock and sea-salt."

On their several petitions, recorded in the Office of the Commissioners on the 11th day of December, 1856.

2949. To Peter Armand Le Comte de Fontaine Moreau, of 39, Rue de l'Echiquier, Paris, in the Empire of France, and 4, South-street, Finsbury, London, for the invention of "improved railway signal apparatus."—A communication.

2950. To John Turner Wright, of Birmingham, in the county of Warwick, Manufacturer. and Edwin Payton Wright, of Birmingham aforesaid, Manufacturer, for the invention of "a new or improved manufacture of ropes, cords, lines, twines, and mill bandings."

2951. To Raffaello Louis Giandonati, of the firm Dodge, Bacon, and Co., of St. Paul's Church-yard, in the city of London, Merchants, for the invention of "improvements in over shoes."—A communication.

2952. To Edward Paton and Charles Frederick Walsh, of the town and county of Perth, North Britain, Gunmakers, for the invention of "improvements in apparatus for charging and capping the nipples of firm-arms."

2953. To William Foster, of Black Dike Mills, Bradford, in the county of York, Spinner and Manufacturer, for the invention of "improvements in petticoats."

2955. To John Cawood, James Beeson, William Smith, and Richard Henchley, all of Derby, in the county of Derby, for the invention of "improvements in the valves of steam engines."

2956. To James Hartas Headley, of the township of Walpole, county of Haldimand, and province of Canada, Lumber Merchant, for the invention of "an improved mode of manufacturing artificial granite in various forms and plating or veneering the same with marble, so as to present an exterior of marble and an interior of stone or granite."

2957. To Henry Pease, of Pierremont, near Darlington, Esquire, and Thomas Richardson, of Newcastle-on-Tyne, Chemist, for the invention of "improvements in the manufacture of compounds of alumina."

2958. To Samuel Newington, of Ticehurst, in the county of Sussex, M.D., for the invention of "improvements in hand hoes and cultivators."

2959. To William Beevers Birkby, of Upper Rawfolds Card Works, Cleckheaton, near Leeds, for the invention of "improvements in the manufacture of pointed wire fillets used in the preparation of flax, tow, hemp, and other fibrous substances."

2960. To George Sherwin, of 168, Waterloo-road, Burslem, in the county of Stafford, for the invention of "improvements in the manufacture of fire bricks, tiles, crucibles, and other articles, when fire clay is used."

2961. And to George Tomlinson Bousfield, of Sussex-place, Loughborough-road, Brixton, in the county of Surrey, for the invention of "improvements in looms for weaving cut piled fabrics double."—A communication from Erastus B. Bigelow, of Boston, United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 12th day of December, 1856.

2963. To John Smith, of Failsworth, near Manchester, in the county of Lancaster, Jacquard Machine Maker and Iron Founder, for the

invention of "improvements in Jacquard machines for weaving."

2964. To Louis Braun, of Wood-street, City, Cap Manufacturer, for the invention of "improvements in caps and such like articles."

2965. To John Metcalf, of Newton-heath, near Manchester, in the county of Lancaster, Manufacturing Chemist, for the invention of "improvements in the manufacture of alum or sulphate of alumina."

2966. To Henry Wickens, of Tokenhouse-yard, in the city of London, Gentleman, for the invention of "a throat guard or apparatus for protecting the throat against garotting or other external violence."

2967. To James Wadsworth, of Hazelgrove, near Stockport, in the county of Chester, Machine Maker, for the invention of "certain improvements in heating and ventilating apartments, buildings, and ships, and in apparatus applicable to and to be used for such purposes."

2968. To George Littlewood, of 93, London-wall, in the city of London, for the invention of "improvements in printing geometric patterns."

2969. And to Archibald Turner, of Leicester, Elastic Web Manufacturer, for the invention of "improvements in the manufacture of elastic fabrics."

On their several petitions, recorded in the Office of the Commissioners on the 13th day of December, 1856.

2970. To John Grant, of Hyde-park-street, in the county of Middlesex, Esquire, for the invention of "improvements in heating or cooking by gas, and in apparatus for effecting the same."

2971. To John Millner, of 15, Charlwood-street, Pimlico, in the county of Middlesex, Iron Worker, for the invention of "improvements in chimney cans or caps."

2972. To Luke Duncan Jackson, of Underwood, in the county of Nottingham, Engineer, for the invention of "a pneumatic break or apparatus to be attached to railway carriages or trucks for the purpose of retarding or stopping the same."

2973. To Auguste Fournier des Corats, of No. 8, Rue des Trois Pavillons, Paris, in the Empire of France, for the invention of "certain improvements in lamps."

2974. And to Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, for the invention of "improvements in machinery, for boring, turning, tapping and screwing fittings for gas, water, steam, and other pipes, and in vices for holding the same while they are operated upon."—A communication.

On their several petitions, recorded in the Office of the Commissioners on the 15th day of December, 1856.

2975. To William Austin, of Upper Portland-place, Wandsworth-road, in the county of Surrey, Civil Engineer, for the invention of "improvements in pipes or tubes, and in the method of joining and laying the same."

2977. To Edwin Heywood, of Sutton Cross Hills, near Leeds, Designer, for the invention of "improvements in machinery or apparatus used in weaving."

2979. To William Carwood, of Back Church-lane, in the county of Middlesex, Engineer, for the invention of "an improvement in steam engines."

2981. To John Stobo, of Leven Bank Works, in the county of Dumbarton, North Britain, Foreman of Mechanics, at Leven Bank Works, for the invention of "improvements in forcing or lifting corrosive or chemical liquids."