

623. And to Jean Vanden Hielakker, Engineer, of Brussels, in the Kingdom of Belgium, for the invention of "an improved machine for compressing coal, other fuel, and substances requiring pressure."

On their several petitions, recorded in the Office of the Commissioners on the 24th day of March, 1858.

625. To William Stettinius Clark, of Atlas Works, Upper Park-place, Dorset-square, in the county of Middlesex, for the invention of "improvements in the construction of railways."

—A communication from Sidney A. Beers, Engineer, New York, America.

626. To David A. Hopkins, of Paterson, in the county of Passaic, and State of New Jersey, in the United States of America, for the invention of "improvements in journal boxes."

627. To William Crook, of Blackburn, in the county of Lancaster, for the invention of "improvements in looms."

628. To James Nuttall, of Walmersley, near Bury, in the county of Lancaster, Pattern Designer, for the invention of "improvements in looms."

629. To George Henry Ellis, of New Malton, in the county of York, Ironmonger, for the invention of "improvements in kitchen ranges."

630. 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 means of, and lamps for burning, certain kinds of oils and hydrocarbons."—A communication from Mr. Frédéric Jacquemart, of Paris.

631. To François Haeck, of 14, Place de la Reine, Brussels, in the Kingdom of Belgium, Gentleman, for the invention of "improvements in pumps for pumping beer, wine, vinegar, oils, or other liquids, containing acids or oily matters."—A communication.

632. To Felix Foucou, of No. 44, Rue Caumartin, in the city of Paris, in the Empire of France, Civil Engineer, for the invention of "improvements in steam boiler and other furnaces."

633. To Westley Richards, of Birmingham, Gun Manufacturer, for the invention of "improvements in breech loading guns and fire arms."

635. To William Robjohn, of Stanhope-street, Hampstead-road, in the county of Middlesex, Organ Builder, for the invention of "certain improvements in organs."

636. And to François Auguste Chevallier, of Paris, Empire of France, and of 45, Essex-street, Strand, London, for the invention of "improvements in photographic apparatus."

On their several petitions, recorded in the Office of the Commissioners on the 25th day of March, 1858.

637. To Richard Archibald Brooman, of 166, Fleet-street, in the city of London, E.C., Editor of the Mechanics' Magazine and Patent Agent, for the invention of "improvements in weighing machines."—A communication from P. A. Brussaut.

639. To Pierre Hippolyte Gustave Bérard, of 323, Rue St. Denis, Paris, in the Empire of France, for the invention of "applying concentrated collodion to the effect of superseding caoutchouc in waterproofing stuffs of all descriptions for manufacturing garments and wearing articles, and also for applying it over painted surfaces instead of varnish."

641. To Joshua Horton, of Smethwick, in the county of Stafford, Manufacturer, for the invention of "an improvement or improvements

in the construction of the girders used in the guide framing of gas holders."

643. To Henry Doulton, of Lambeth, in the county of Surrey, for the invention of "an improvement in the manufacture of invert blocks used in constructing sewers and drains."

645. And to William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "an improved machine for performing the addition of numbers, quantities, or sums of money to be termed the 'arithmometer.'"—A communication.

On their several petitions, recorded in the Office of the Commissioners on the 26th day of March, 1858.

647. To John Newman and John Frederick Newman, both of 122, Regent-street, in the county of Middlesex, Opticians, for the invention of "improvements in spectacles."

649. To Edgar Chichester Jones, of Caroline-street, Bedford-square, in the county of Middlesex, Civil Engineer, for the invention of "improvements in railway brakes."

651. To Benjamin Burrows, of Leicester, for the invention of "improvements in weaving webs or narrow goods, and in ornamenting elastic webs."

653. To James Welch, of Southall, in the county of Middlesex, for the invention of "improvements in portable railways, and in the means of their application to carriages to facilitate their movements on common roads and other surfaces."

655. And to William Armand Gilbee, of No. 4, South-street, Finsbury, London, Patent Agent, for the invention of "improvements in treating saccharine fluids."—A communication.

On their several petitions, recorded in the Office of the Commissioners on the 27th day of March, 1858.

657. To William Armand Gilbee, of No. 4, South-street, Finsbury, London, Patent Agent, for the invention of "improvements in treating brandies and other spirituous liquids for improving their quality."—A communication.

659. To John Robert Breckon, of Darlington, in the county of Durham, Accountant and Colliery Manager, and Robert Dixon, of Crook, in the said county of Durham, Mechanical Engineer, for the invention of "improvements in the construction of coke ovens."

661. To John Frederick Spencer, of No. 1, Adelaide-place, London Bridge, Marine Engineer, for the invention of "improvements in marine engines."

663. To John Baillie, of 167, Carolinen Gasse, in the city of Vienna, in the Empire of Austria, Civil Engineer, for the invention of "an improved construction of coiled spring."

665. To Isaac Brown, of the city of Carlisle, Merchant, and John Brown, of Notting Hill, in the county of Middlesex, Merchant, for the invention of "improvements in the manufacture or production of manure."

667. To Edmond Auguste Jacquin, of Rue des Lavandières, Ste. Opportune, Paris, for the invention of "an improvement in preparing plates for printing."—A communication from Monsieur Henry Garnier, of Paris.

669. And to William Harding, of Forest Hill, in the county of Kent, for the invention of "improvements in revolver fire arms and in apparatus for manufacturing projectiles."

On their several petitions, recorded in the Office of the Commissioners on the 29th day of March, 1858.