2612. To William Stephens Hayward, of Witten: | 2642. To Lovibond Percivall, of Birmingham, in ham House, Abingdon, in the county of Berkshire, Gentleman, for the invention of "improvements in the manufacture of a glutinous and viscous substance or dextrine, to be used in the manufacture of paper and in dressing textile fabrics, by which greater tenaciousness, smoothness of surface and body is obtained."

2614. To Samuel Collier Leech and John Leech, both of Manchester, in the county of Lancaster, Machinists, for the invention of "certain improvements in the construction of 'self-acting temples,' to be employed in looms for weaving.

2616. To Walter Hancock, of Upper Chadwellstreet, in the county of Middlesex, Gentleman, for the invention of "improvements in the manufacture of electric telegraph wires and cables."

2618. To Henry Henson Henson, of No. 38, Parliament-street, in the city of Westminster, for the invention of "improvements in waterproof-

ing fabrics or materials."

2620. To Edmund Alfred Pontifex, of the firm of Pontifex and Wood, of Shoe-lane, in the city of London, Engineers and Coppersmiths, for the invention of "improvements in external surface condensers."

2622. To William Clark, of 53, Chancery-lane, in the county of Middlesex, Engineer and Patent Agent, for the invention of "improvements in purifying natural phosphates of lime." -A communication from Emile Constant Martin, residing at Paris, in the Empire of France, formerly Banker.

2624. To Johan Ernst Fridrich Luedeke, of Marke, in the Kingdom of Hanover, and of Chipping Norton, in the county of Oxford, Engineer, for the invention of "improvements in

motive power engines."

- 2628. To James Easton the elder, and Charles Edwards Amos, both of the Grove, in the borough of Southwark, Engineers, for the invention of "improved apparatus applicable to drains, sewers, and watercourses for the purpose of removing extraneous solid matters therefrom."
- 2630. And to Thomas Stokes Cressey, of High-street, Homerton, in the county of Middlesex, for the invention of "improvements in machinery used in the manufacture of casks.' On their seve al petitions, recorded in the Office of the Commissioners on the 19th day of November, 1858.
- 2632. To James Wadsworth, of Salford, in the parish of Manchester, and county of Lancaster, Machinist, for the invention of "improvements in gas burners, and in the means or methods of and in apparatus for moderating or retarding, regulating, or governing the flow and pressure of gas used for purposes of illumination, and in street lamps or lanterns for shielding flame from the action of wind and
- 2634. To David Rowan and Stewart Robertson, of Greenock, in the county of Renfrew, North Britain, Engineers, for the invention of "improvements in steam engines."
- 2636. To Charles Tomlinson, of Worcester-street, Wolverhampton, in the county of Stafford, Accountant, for the invention of "improvements in stop taps or valves."
- 2640. To Henry Jordan, of Liverpool, in the county of Lancaster, Ship Builder, for the invention of "improvements applicable to navigable vessels."

the county of Warwick, Manager of Glass Works, and John Houghton, of Edgbaston, in the county of Warwick, Glass Merchant, for the invention of "improvements in attaching knobs of glass, china, and earthenware, to the spindles of locks and latches, and to doors, drawers, and other articles."

2644. To Henry Swan, of 5, Bishopsgate Without, in the city of London, for the invention of "improvements in stereoscopes and other optical instruments, and in stands or supports

for stereoscopes."

2646. And to Heman Gardiner, of the city of New York, in the United States of America. Mechanical Engineer, for the invention of "improvements in the compound axle hub and wheel for railroad cars."

On their several petitions, recorded in the said Office on the 20th day of November, 1858.

648. To Robert Nelson, of New York, in the United States of America, temporarily residing at Ramsey, in the Isle of Man, Mari-ner, for the invention of "improvements in apparatus for raising and lifting water and other liquids."

2650. To Samuel Waite Johnson and James Varley, both of Peterborough, in the county of Northampton, Engineers, for the invention of "improvements in pressure and vacuum

gauges."

2652. And to Edward Hammond Bentall, of Heybridge, in the county of Essex, Ironfounder, for the invention of "an improvement in the construction of turnip cutters."

On their several petitions, recorded in the Office of the Commissioners on the 22nd day of November, 1858.

- 2654. To Walter Ralston, of the city of Man-chester, in the county of Lancaster, Engraver to Calico Printers, for the invention of "improvements in embossing and finishing woven fabrics, and in the machinery or apparatus employed therein."
- 2655. To William Henry Dawes, of Bromford Ironworks, West Bromwich, in the county of Stafford, Iron Master, for the invention of "an improvement in forge hammers, and in the anvils used with forge hammers and squeezers."
- 2656. To William Gorman, of Glasgow, in the county of Lanark, North Britain, Engraver, for the invention of "improvements in furnaces and in the combustion of fuel, and in apparatus connected therewith.
- 2657. To James Fairweather, of Dundee, in the county of Forfar, North Britain, for the invention of "improvements in weaving bags, sacks and other tubular fabrics."
- 2658. To Napoleon Felix Boréiko de Chodzko, of Paris, Town in the French Empire, for the invention of "a smoke preventing apparatus."
- 2659. To Alfred Vincent Newton, of the Office for Patents, No. 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, for the invention of "improvements in retorts for generating illuminating gas."-A communication.
- 2660. To Alfred Vincent Newton, of the Office for Patents, No. 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, for the invention of "improved machinery for sweeping floors."-A communication.