602. To Frederick Decastro Jones, of No. 29, Tavistock-street, Covent-garden; in the county of Middlesex, for the invention of "an improvement in the construction of the bits of horses."—A communication.

604. To Edwin Francis Jones, of Redcar, in the county of York, Engineer, for the invention of "improvements in the manufacturing of pig

and bar iron."

606. To Thomas Rose, Junior, of Botany Bay Farm, Hilgay Fen, in the county of Norfolk, Farmer, for the invention of "improvements in apparatus for cutting or disintegrating vegetable substances."

608. To Charles Pauvert, of Chatellerault, town in the French Empire, Ecclesiastic, for the invention of "certain improvements in manufac-

turing iron."

610. To Charles Pauvert, of Chatellerault, town in the French Empire, Ecclesiastic, for the invention of "certain improvements in manufac-

turing steel and cast steel."

- 612. To Richard Archibald Brooman, of 166, Fleet-street, in the city of London, Patent Agent, for the invention of "a method of constructing and heating buildings and apparatus for the winding of silk from the cocoon."—A communication from Felix Rignon, of Turin.
- 614. To William Brown, of Gresham-street, in the city of London, Merchant, for the invention of "an improved mode of preparing tapes for the market."
- 616. And to Thomas Gray, of Rose-lane, Stepney, Ink Manufacturer, for the invention of "improvements in separating vegetable fibres from mixed fabrics."
- On their several petitions, recorded in the Office of the Commissioners on the 2nd day of March, 1857.
- 620. To William Leuchars, of No. 38, Piccadilly, in the county of Middlesex, for the invention of "improvements in locks for travelling-bugs, portfolios, despatch boxes, and such like depositories."
- 622. To Edward Lindner, of New York, United States, Engineer, for the invention of "improvements in cartridges and bullets, together with an apparatus for producing the same."
- 624. To William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "improved means for preventing the forgery or imitation of bank notes, bills, certificates, cheques, bonds, deeds and other like articles."

  —A communication.
- 626. To William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "a preparation of materials for coating roofs or other portions of buildings to render them impervious to wet."—A communication.
- 628. And to William Adam, of Glasgow, in the county of Lanark, North Britain, Warehouseman, and John Stewart Templeton, of the same place, Manufacturer, for the invention of "improvements in weaving looped and pile fabrics."

On their several petitions, recorded in the Office of the Commissioners, on the 3rd day of March, 1857.

631. To Gerard Ralston, of 21, Tokenhouseyard, in the city of London, E.C., for the invention of "improvements in fire-arms, and in balls or projectiles."—A communication.

- 633. To William Hartley and Thomas Hardman Farrar, of Bolton, in the county of Lancaster, Machinists, for the invention of "improvements in looms."
- 635. To Henry Lawrence De Zeng, of Geneva, in the county of Ontario, and State of New York, United States of America, for the invention of "improvements in marine and fog signals, for reefs and other locations."

637. And to John William Heinke, of Great Portland-street, Engineer, for the invention of "an improved construction of diving bell."

- On their several petitions, recorded in the Office of the Commissioners on the 4th day of March, 1857.
- 639. To George Walter Dyson, Steel Roller, Tinsley, near Sheffield, in the county of York, for the invention of tilting iron and steel or any other malleable substance by perpendicular motion."

641. To William Muir, of Glasgow, in the county of Lanark, North Britain, Engineer, for the invention of "improvements in generating steam

for marine purposes."

- 643. To Samuel Sutcliffe, of Manningham, near Bradford, in the county of York, Cotton Spinner, and James Stocks, of the same place, Engine Tenter, for the invention of "improvements in means or apparatus in connexion with steam boiler and other furnaces to facilitate the consumption of smoke therein."
- 645. To Hugh Greaves, of New Palace-yard, in the city of Westminster, Civil Engineer, for the invention of "improvements in the mode of coupling or connecting pipes, columns, and conduits in the machinery for manufacturing the hoops to be used in connecting such pipes and columns, and in the shape of such pipes, columns, and conduits, whereby they become adapted for the support and conveyance of vehicles."
- 649. To George Bower, of Saint Neots, in the county of Huntingdon, Gas Engineer, for the invention of "improvements in apparatus for manufacturing gas."
- 651. To William Travis, of Crompton, in the parish of Prestwich cum Oldham, in the county of Lancaster, Carder, for the invention of "improvements in furnaces."
- 653. To James Kinder Cheetham, of Rochdale, in the county of Lancaster, Doctor of Medicine, and Thomas Southworth, of the same place, Gentleman, for the invention of "improvements in the use or application of certain substances for sizeing or finishing yarn or thread, also applicable for sizeing or stiffening woven and other fabrics."
- 655. And to Richard Atkinson Coward, of Laurence Pountney-lane, in the city of London, for the invention of "improvements in screw or submerged propellers."

On their several petitions recorded in the Office of the Commissioners on the 5th day of March, 1857.

- 657. To Francis Alton Calvert, of the city of Manchester, Engineer, for the invention of "improvements in machinery for ginning cotton and for cleaning and carding cotton and other fibrous materials."
- 659. To Luke Barton, of Ison Green, near Nottingham, Machinist, and Edwin Stanley Brookes, of Nottingham, Hosier, for the invention of "improvements in the manufacture of knitted fabrics."