334. To Henry Smith, of the firm of Smith and Ashby, of Stamford, in the county of Lincoln, Agricultural Implement Makers, for the invention of "improvements in haymaking machinery."

335. 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 breech loading fire-

arms."-A communication.

336. And to George Chowen, of No. 7, Jamesstreet, Covent-garden, in the county of Middlesex, for the invention of "preventing further casualties on the Goodwin Sands."

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

1001.

337. To Thomas Stott, of Sabden, near Whalley, in the county of Lancaster, Mechanic, for the invention of "improvements in pickers."

- 339. And William Green, of Pembroke-cottages, Caledonian-road, Islington, in the county of Middlesex, for the invention of "improvements in manufacturing or producing substitutes for leather for boots, shoes, and other uses, and in machinery or apparatus for effecting the same."
- 340. To Richard Archibald Brooman, of 166, Fleet-street, in the city of London, Patent Agent, for the invention of "improvements in preparing or dressing threads and other fibrous materials and in the machinery employed therein."—A communication from E. C. T. Croutelle.
- 341. To James Gilroy, of Auldhousefield, near Pollockshaws, in the county of Renfrew, Bleacher, for the invention of "improvements in applying starch or other semifluid matter by machinery to woven fabrics."
- 342. To John Mayo Worrall, of Salford, in the county of Lancaster, Dyer and Finisher, for the invention of "an improvement in finishing a certain description of fustians called 'diagonals.'"
- 343. To George Wright, of Sheffield, in the county of York, Stove Grate Manufacturer, for the invention of "improvements in stove grates or fire places."
- 344. To Thomas Newton, of Walsall, in the county of Stafford, Manufacturer of Saddlery, for the invention of "improvements in the construction of Stockmen's saddles and appendages thereto."—Partly a communication.
- 345. To Antoine Dècle and François Alexandre Drault, of Paris, in the Empire of France, Jewellers, for the invention of "improvements in the manufacture of bracelets."
- 346. And to Pierre Poisson, of Paris, in the Empire of France, Artist, for the invention of "improvements in preparing and applying surfaces for painting."

On their several petitions, recorded in the Office of the Commissioners on the 6th day of February,

1857.

- 347. To Henry Heald, of Sabden Whalley, in the county of Lancaster, Cotton Manufacturer, and Arthur Heald, of the same place, Manager, for the invention of "improvements in looms, and in pickers used for weaving."
- 348. To Nicholas Nomico, of Manchester, in the county of Lancaster, and George Heyes, of Bury, in the said county, for the invention of "improvements in looms."
- 349. To James Alfred Limbert, Engineer, Royal Navy, for the invention of "improvements in marine steam engines,"

350. To John Coope Haddan, of 4, Cannon-row, Westminster, Civil Engineer, for the invention of "improvements in marine steam engines."—A communication.

351. To Charles Crickmay, Gun Manufacturer, of Guildford-place, Lower Kennington-lane, London, for the invention of "certain improvements in breech loading guns or pistols for military and other purposes, and which said improvements are applicable, and will admit of being applied, to guns or pistols now in use."

352. To Francis Wrigley, of Manchester, in the county of Lancaster, Engineer, for the invention of "an improved apparatus for cutting tobacco."

- 353. To John Henry Johnson, of 47, Lincoln'sinn-fields, in the county of Middlesex, and of
 166, Buchanan-street, in the city of Glasgow,
 North Britain, Gentleman, for the invention of
 "improvements in casting metals."—A communication from Messrs. Jackson Brothers, Petin
 Gaudet, and Company, of Rivé de Gier, in the
 Empire of France, Iron Manufacturers.
- 354. To Joseph Nicolas Victor Cadiat, of Paris, Engineer in the Imperial Navy, for the invention of "the application of centrifugal force in purifying minerals, or any other similar hard substances, by washing."
- 355. To Joseph Skertchly, of Culford-road, De Beauvoir-square, in the county of Middlesex, Engineer, for the invention of "improvements in, and in the manufacture of saggers."
- 356. To William Greenslade, of the city of Bristol, of the firm of Edward Acraman Greenslade and William Greenslade, of Bristol aforesaid, Brush Makers, and James Wood, of Saint Pancras, in the county of Middlesex, Working Brush Maker, for the invention of "certain improvements in brushes, especially applicable to painters' brushes."
- 357. To James Taylor, of Upper-street, Islington, in the county of Middlesex, Chemist, and Edward Owen, of Aberdeen-terrace, Blackheath, in the county of Kent, Chemist, for the invention of "improvements in the manufacture of yellow prussiate of potass."
- 358. To Felix Lieven Bauwens, of Ranelagh-road, in the county of Middlesex, Manager of Bauwen's Patent Candle Company, for the invention of "an improved mode of treating and distilling fatty matters, and in the apparatus employed therein."
- 359. To Thomas Brown, of Ebbw Vale, in the county of Monmouth, Ironmaster, and George Parry, of the same place, Furnace Manager, for the invention of "improvements in the manufacture of iron."
- 360. To Richard Archibald Brooman, of 166, Fleet-street, in the city of London, Patent Agent, for the invention of "an improved method of obtaining motive power."—A communication from Gregoire Russo.
- 361. To Richard Archibald Brooman, of 166, Fleet-street, in the city of London, Patent Agent, for the invention of "improvements in measuring the capacity and contents of casks and other similar vessels, and in instruments or apparatus employed therein."—A communication.
- 362. To George Tomlinson Bousfield, of Sussexplace, Loughborough-road, Brixton, in the county of Surrey, for the invention of "improvements in lamps adapted for burning resin oil."—A communication from Diederich Fehrman and Friederich Benkler.