1554. To Henry Wilde, of Manchester, in the county of Lancaster, Engineer, for the invention of "improvements in machinery and apparatus for excavating coal and other minerals, and in the mode of actuating such machinery.

1555. To William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for the invention of "improvements in anchors."—A communication to him from abroad by Joseph Thomas Fewkes, of Philadelphia, Pennsylvania, United States of

America, Machinest.

1556. To William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for the invention of "an improved label or ticket for the manufacturers of cloth or clothing."—A communication to him from abroad by Halmeagh Van Geasen, of New York, United States of America.
1557. And to Edmund Walker, of Shoe-lane, in

the city of London, Engineer, for an invention of "an improved method of and machinery for damping paper for printing purposes.

On their several petitions, recorded in the Office of the Commissioners on the 2nd day of May,

1560. To William Alexander Lyttle, of the Grove, Hammersmith, in the county of Middlesex, Engineer, for the invention of "improvements in the process and apparatus for smelting iron."

1561. To Henri Adrien Bonneville, of the British and Foreign Patent Offices, 18, Rue de la Chaussée d'Antin, Paris, France, and 6, Piccadilly, in the county of Middlesex, Patent Agent, for the invention of "a new and improved apparatus for drying up bagauze and other materials."-A communication from Auguste Alexandre Rampant, a person resident at Saïgon (Cochin China), Architect.

1562. To Charles Brock, of Saint Mary Church, in the county of Devon, Manager, of the Watcombe Terra Cotta Clay Company's Works, for the invention of "a new process of decorating pottery and other fictile manufactures.

1563. To Joseph Ward, of Blackburn, in the county of Lancaster, Cotton Manufacturer, for the invention of "improvements in machinery

for drawing and spinning cotton.'

- 1564. To William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for the invention of "an improved syrup jug or pitcher."—A communication to him from abroad by George McLain Irwin, of Pittsburgh, Pennsylvania, United States of America, Manufacturer and
- 1565. To Robert Gottheil, of the "International Patent Office," at 126, Linden Str., Berlin, Prussia, Engineer, for the invention of "improvements in heated air-motors."-A communication to him by the Berlin-Anhalt Machine Manufacturing Company, at Berlin and Dessau, Germany.
- 1566. To Robert Gottheil, of the "International Patent Office," 126, Linden Str., Berlin, Civil Engineer, for the invention of "a new or improved explosive compound for blasting purposes."—A communication to him by the Rhenish Dynamite Manufacturing Company, of Opladen, Germany.
- 1567. To Robert Mann Lowne, of East End, Finchley, in the county of Middlesex, for the invention of "improvements in anemometers and other fluid meters."
- 1568. To William Pinkerton, of Londonderry, in the county of Londonderry, Ireland, Engineer,

for the invention of "improvements in apparatus for communicating or signalling between

parts of railway trains."

1569. To William Lancaster, of Accrington, in the county of Lancaster, and Eugène Dollander, of Wilderstein, Alsace, in the Empire of Germany, for the invention of "improvements in the construction of apparatus for sizing and dressing yarns, part of which improvements is also applicable for starching and drying woven goods."

1570. To Thomas Skinner, of Sheffield, in the county of York, Etcher, for the invention of "improvements in the mode or process of etching on steel or iron, or other metal or substance."

1571. To Henry Phillips, of No. 19, Salisbury-street, Strand, W.C., Gentleman, for the invention of "improvements in marine engine governors, or speed-governing and regulating apparatus for the motors of steam-ships, and such like purposes."

1572. To Henry Cherry, of Handsworth, in the county of Stafford, Mechanical Engineer, for the invention of "improvements in condensers

for steam pumping engines."

1573. To William Mort, of 155, Fenchurch-street, in the city of London, for the invention of "improvements in the preservation of food and other perishable substances."-A communication to him from abroad by Eugene Dominique Nicolle and Thomas Sutcliffe Mort, both of Sydney, in the Colony of New South Wal s.

1574. To Benjamin Brown, of Cardiff, in the county of Glamorgan, Paper Maker, for the invention of "improvements in boilers for treating fibrous substances for the manufacture

of paper."

1575. To William Taylor, of Great Driffield, in the county of York, Sewing Machine Manufacturer, for the invention of "improvements in sewing machines and in shuttles for the same." -Partly his own invention and partly the result of a communication to him from abroad by Johann Heinrich Rudolph Dreyer and Heinrich Schipmann, both of Hamburg, in the Empire of Germany.

1576. And to Thomas James Smith, of the firm of Robertson, Brooman, and Company, of 166, Fleet-street, in the city of London, Patent Agents, for the invention of "an improved manufacture of lace."-A communication to him from abroad by the Company or Society Desiré Sival Frères, of Lyons, in the Republic

of France, Manufacturers.

On their several petitions, recorded in the Office of the Commissioners on the 4th day of May, 1874.

- 1577. To William Elsam, of Finsbury-place South, in the county of Middlesex, Merchant, for the invention of "an improved eyelet."-A communication to him from abroad by John P. Pultz and L. V. Walkley, both of Plantsville, Connecticut, United States of America.
- 1578. To Hugh Willock, of Ardrossan, in the county of Ayrshire, North Britain, Hardware Merchant, for the invention of "an improved
- 1579. To William Edward Gedge, of No. 11, Wellington-street, Strand, in the county of Middlesex, Patent Agent, for the invention of "an improved traction engine or mechanical horse, which may also be used for working fixed or portable machines."-A communication to him from abroad by Charles Bret, Captain Commanding the Recruitment at Albi, Tarn, France.