1606. Walter Chidiock Nangle, of Bull Point, near Devonport, in the county of Devon, late Captain Royal Artillery, Assistant Controller Bull Point Establishment, for an invention of "an improved paint or compound for coating metals, wood, and other substances."-Dated

7th May, 1874.

1607. Alphonse Piver, of No. 10, Boulevart de Strasbourg, Paris, in the Republic of France, Manufacturer of Perfumery, for an invention of "a new process of manufacturing alcohols by a methodical and endless manner with wines and fermented juices of any kind by means of new or improved apparatuses suitably disposed for the purpose."—Dated 7th May, 1874.

1608. Henry Dockrell, of the county of the city of Dublin, Ireland, for an invention of "improvements in machinery for applying postage and other stamps to envelopes and other

articles."—Dated 7th May, 1874. 1609. Charles Courtois, of 2, Rue Sainte Appoline, Paris, France, Mechanician, for an invention of "improvements in instruments or apparatus for clipping or shearing animals, particularly applicable to the shearing of sheep."-

Dated 7th May, 1874.

1610. Charles Denton Abel, of No. 20, Southampton-buildings, Chancery-lane, in the county of Middlesex, for an invention of "improvements in the construction of buildings, and in the materials employed therefor." - The said invention has been communicated to him from abroad by Dr. E. Jaehne, of Berthelsdorf, in the Kingdom of Prussia. - Dated 7th May, 1874.

1614. Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, for an invention of "improvements in the manufacture of soap."-From abroad by Gaetano Tardani, of Rome, in the Kingdom of Italy.-Dated 7th

May, 1874. 1616. John Moore Hyde, of Greenwich, in the county of Kent, Ship Builder, for an invention of "improvements in furnaces for generating steam in marine and other boilers."-Dated 7th

1618. Theodore Gaddum, of Manchester, in the county of Lancaster, Merchant, for an invention of "improvements in machinery for separating the silk fibres from waste cocoons."—Dated 7th May, 1874.

1620. Henry Malcolmson, of 5, Southamptonbuildings, Holborn, in the county of Middlesex, for an invention of "improvements in drawing room or roller skates." - Dated 7th May, 1874.

- 1624. Oliver Sweeney, of Philadelphia, in the State of Pennsylvania, United States of America, but at present of 15, Water-street, Liverpool, in the county of Lancaster, for an invention of "improvements in apparatus for burning petroleum and other volatile oils and spirits." - Dated 8th May, 1874.
- 1625. William Bull, of Ewell, in the county of Surrey, Civil Engineer, for an invention of "a new or improved hand dredger for sinking wells in foundations of bridges, and for other similar useful purposes."—Dated 8th May, 1874.
- 1626. Donald Nicoll, of 58 and 59, Paternosterrow, London, Manufacturer, for an invention of "improvements in vessels for containing aërated and other liquids."-Dated 8th May,
- 1630. Henry Searle, of Hull, in the county of York, for an invention of "improvements in

wrappers or envelopes used in oil cake making, and for extracting oil from oleaginous seeds."-Dated 8th May, 1874.

1632. George Haseltine, of the "International Patent Office," Southampton-buildings, London, Doctor of Laws, for an invention of "improved methods of and machinery for ornamenting and finishing buttons and other like articles."-The said invention has been communicated to bim from abroad by Robert Harris Isbell, of New Milford, Connecticut, United States of America, Manufacturer.—Dated 8th May, 1874.

1639. Robert Hempsted, of Grantham, in the county of Lincoln, for an invention of "improvements in machinery or apparatus for

cutting, slicing, and pulping turnips and other roots."--Dated 9th May, 1874.
1641. Raphael Herring, of Frederick-place, Bow, in the county of Middlesex, Engineer, for an invention of "improvements in steam engines, chiefly designed for cranes, hoists, and elevators."

Dated 9th May, 1874.

643. John Wilkinson, of Louth, in the county of Lincoln, Mariner, for an invention of "improvements in apparatus for obtaining motive power by means of hydrostatic pressure."—Dated 9th

May, 1874. 1644. Edward Primerose Howard Vaughan, F.C.S., of 54, Chancery-lane, in the county of Middlesex, Patent Agent, for an invention of "improvements in the mode of and apparatus for treating phosphates of lime."-From abroad by Victor François Léonard Count Huyttens de Terbecq, residing at Paris, in the Republic of France.—Dated 9th May, 1874.

1647. Bristow Hunt, of Serle-street, Lincoln'sinn, in the county of Middlesex, Gentleman, for an invention of "improvements in steam injectors or ejectors."—Communicated to him from abroad by the National Tube Works Company, of Boston, Massachusetts, in the United States of America.—Dated 9th May,

1874.

1650. Isidor Frankenburg, of Manchester, in the county of Lancaster, Manufacturer of Leather and Waterproof Fabrics, for an invention of "improvements in waterproofing and preparing

leather."-Dated 9th May, 1874.

1656. William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for an invention of "an improved method of and mechanism for the transmission of motion in machinery.' From abroad by François Marie Eugène Helmer, of Paris, France.-Dated 9th May, 1874

1657. David Greig and Richard Holgate Shaw, both of the Steam Plough Works, Leeds, in the county of York, for an invention of "improvements in the construction of machinery for the cultivation of land by steam power."-Dated 9th

May, 1874. 1671. Edwin Cook, of Loughborough, in the county of Leicester, Iron Founder, James Bombroffe, of the same place, Brickmaker, and Thomas Baker, of Syston, in the said county of Leicester, Brickmaker, for an invention of "improvements in clay mills, applicable also to the reduction of other substances."-Dated 11th May, 1874.

1672. John Henry Johnson, of 47, Lincoln's-innfields, in the county of Middlesex, Gentleman. for an invention of "improvements in the production of caustic alkalies, and of carbonic acid."-Communicated to him from abroad by Charles Juron, Antoine Imbert, Joannes Juron, and Louis Imbert, all of Paris, in the Republic

of France.—Dated 11th May, 1874.