1055. And to Lionel Weber, of No. 104, Rue I 1079. To Eli Weare, of Stonehouse, in the county Royale Place du Congrès, in the city of Brussels, Belgium, for the invention of "improvements in galvanic cells and batteries."

On their several petitions, recorded in the Office of the Commissioners on the 9th day of April,

1057. To William Higgins, of No. 1, Great Newstreet, Fetter-lane, in the county of Middlesex, Type Founder, for the invention of "improvements in the manufacture of hackney carriage and other lamps, tablets, and similar articles for the purpose of exhibiting advertisements."

1059. To John Billington Booth, of Preston, in the county of Lancaster, for the invention of "improvements in apparatus for lubricating and covering the spindles employed in machinery for preparing, spinning, doubling, and winding

fibrous materials."

1061. 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 "improvements in treating excremental matters."—A communication to him from abroad by Cypien Marie Tessié du Motay, of Paris, France, Chemist.

On their several petitions, recorded in the Office of the Commissioners on the 11th day of April,

1870.

1062. To Charles Henry Newman, of the Retreat, Brentford End, Brentford, in the county of Middlesex, Gentleman, for the invention of "a new and improved unfermented and unintoxicating malt liquor."

1063. To Robert Wilson, of the firm of Messrs. Nasmyth, Wilson, and Company, of Patricroft, near Manchester, in the county of Lancaster, Engineer, for the invention of "certain improvements in steam and other elastic fluid

engines."

1067. And Lewis William Thomas, of Dover, in the county of Kent, Ironfounder, for the invention of "improvements applicable to fire places, stoves, and grates, for ensuring safety against fire, and the prevention of smoky chimneys."

1069. And James Kirk and Samuel Shelmerdine, Hat Manufacturers, and Cephas Froggatt, Machinist, all of Stockport, in the county of Chester, for the invention of "improvements in machinery or apparatus for felting or 'planking the bodies of hats or other coverings for the head, which improvements are also applicable to other felting purposes."

1071. To James Howard, of Bedford, in the county of Bedford, Agricultural Engineer, for the invention of "improvements in ploughs."

1075. To William Spencer Coon, of the city of Rochester, county of Monroe, and State of New York, United States of America, for an invention of "an improved method of and apparatus for applying power to the running of machinery and tools whereby such machinery or tools may be adjusted to any desired angle in use."

1077. And to Benjamin Baugh and Benjamin

Walters, both of Birmingham, in the county of Warwick, Manufacturers, for the invention of "improvements in attaching door and other

knobs to their spindles."

On their several petitions, recorded in the Office of the Commissioners on the 12th day of April,

1078. To Edward Lord, of Todmorden, in the county of York, Machine Maker, for the invention of "improvements in machinery for cleaning, preparing, and spinning cotton and other fibrous substances."

of Gloucester, Manager of Works, for the invention of "improvements in using the waste threads of condensing carding engines, and in machinery to be used for that purpose.

1080. To William Angus, of Fraserburgh, in the county of Aberdeen, for the invention of "improvements in mast head and other hoisting

blocks."

1082. To Charles Joseph, of Grosvenor House, South-place, Kennington-park, in the county of Surrey, for the invention of "improvements in filters." — A communication to him from abroad by Frederik C. Krause, of the city of New York, United States of America.

1083. To William Spence, of 8, Quality-court, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "improvements in machines for shaping staves for casks and barrels."-A communication to him from abroad by Albert Taubert, of Paris, in the Empire of France, Contractor.

1084. To Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, for the invention of "improved means for working railroad switches."-A communication to him from abroad by James Davis, of New Orleans, in the State of Louisiana, United States of America.

- 1085. To Charles Hamilton, of Stratford, in the county of Essex, for the invention of "improvements in bedsteads, whereby they may be rendered available as an escape in case of fire."
- 1088. To Francis William Brooksbank, of Nottingham, Lace Manufacturer, for the invention of "improvements in the manufacture of lace in twist lace machines."
- 1089. To William Robert Lake, of the "International Patent Office," Southampton-buildings, London, Consulting Engineer, for the invention of "an improved mode of utilizing cotton waste and other refuse fibrous materials for cleaning machinery." — A communication to him from abroad by Anthony Peple, of East Billerica, Massachusetts, United States of America.
- 1090. To Frederick Pattison, of the city of Glasgow, in the county of Lanark, North Britain, Merchant, for the invention of "a new or im-proved metal founders 'blacking.'"
- 1091. And to Thomas Dale, of the Hull Ccrporation Waterworks, in the county of York, near Kingston-upon-Hull, for the invention of "improvements in apparatus for extinguishing fires in warehouses, houses, mills, factories, chemical works, public buildings, ships, and other structures.

On their several petitions, recorded in the Office of the Commissioners on the 13th day of April,

- 1092. To Addington Taylor, of Lydbury, in the county of Salop, Major on the Bengal Staff, for the invention of "improvements in guns and projectiles therefor."
- 094. To Joseph Plaskitt, of Lincoln's-inn, in the county of Middlesex, Gentleman, for the invention of "improvements in velocipedes."-A communication to him from abroad by Charles Dopping Irvine, of New Zealand.
- 1095. To Laurence Stewart, of Edinburgh, in the county of Mid-Lothian, North Britain, for the invention of "improvements in wheels for carriages, wagons, carts, and other vehicles."