1920. And Henry Parkes, of Birmingham, in | 1997. And Robert Hanham Collyer, of 8, Alphathe county of Warwick, has given the like notice in respect of the invention of "improvements in the manufacture of cylinders and tubular or hollow bodies of copper and alloys of copper or other ductile metals.'

1922. And Oliver Maggs, of Bourton, in the county of Dorset, has given the like notice in respect of the invention of "improvements in

taps, cocks, or valves."

As set forth in their respective petitions, all recorded in the said office on the 22nd day of August, 1859.

- 1931. And George Pearson, of the city of Manchester, in the county of Lancaster, Machinist, has given the like notice in respect of the invention of "improved machinery for manufacturing boots and shoes."
- 1933. And Joseph Henry, of Bury, in the county of Lancaster, and James Edward Hyde Andrew, of Audenshaw, in the said county, Machinists, have given the like notice in respect of the invention of "improvements in looms for weaving."
- 1934. And John Blake, of Accrington, in the county of Lancaster, Engineer, has given the like notice in respect of the invention of "improvements in steam and vacuum gauges."

As set forth in their respective petitions, all recorded in the said office on the 24th day of August, 1859.

1941. And Amos Pierce Chamberlain, of New Orleans, in the United States of America, but at present residing in London, Engineer, has given the like notice in respect of the invention of "improvements in machinery or apparatus for cutting cork, part of which improvements is also applicable to cutting paper, caoutchouc, and other substances."

As set forth in his petition, recorded in the said office on the 25th day of August, 1559.

- 1959. And Joseph Whitworth, of the city of Manchester, in the county of Lancaster, Engineer, has given the like notice in respect of the invention of "improvements in ordnance, fire arms, and ammunition."
- 1960. And Thomas Meriton, of No. 39, Pinnasberg, St. Pauli, Hamburgh, Engineer, has given the like notice in respect of the invention of "improvements in governors for regulating the speed of marine and other engines and ma-
- 1963. And William Clark, of 53, Chancery-lane, in the county of Middlesex, Engineer and Patent Agent, has given the like notice in raspect of the invention of "certain improvements in sewing and stitching by machinery. -A communication from abroad by Kasimir Vogel, of Chelsea, in the county of Suffolk, State of Massachusetts.

As set forth in their respective petitions, all recorded in the said office on the 29th day of August, 1859.

1971. And James Hare, of Hamstead-road, Handsworth, near Birmingham, Music Smith, has given the like notice in respect of the invention of "improvements in pianofortes."

As set forth in his petition, recorded in the said office on the 30th day of August, 1859.

1995. And Thomas Aveling, of Rochester, in the county of Kent, has given the like notice in respect of the invention of "improvements in locomotive engines."

road, Regent's-park, in the county of Middlesex, Doctor of Medicine and Philosophy, has given the like notice in respect of the invention of " improvements in preparing materials for the manufacture of paper."

As set forth in their respective petitions, both recorded in the said office on the 1st day of

September, 1859.

2008. And Jean François Felix Leroux, of 29, Boulevart St. Martin, Paris, in the Empire of France, Merchant, has given the like notice in respect of the invention of "a new or improved apparatus to be employed for taking money on the counters.

As set forth in his petition, recorded in the said office, on the 2nd day of September, 1859.

2028. And Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, has given the like notice in respect of the invention of "improvements in sewing machines."-A communication from abroad by Henry Washington Hayden, of Waterbury, in the State of Connecticut, United States of America.

2029. And Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, has given the like notice in respect of the invention of "improvements in weighing machines." - A communication from abroad by John Howe, Junr., and Frank E. Howe, both of New York, and Francis Miles Strong and Thomas Ross, both of Brandon, county of Rutland, and State of Vermont, United States.

As set forth in his respective petitions, both recorded in the said office on the 5th day of September, 1859.

2058. And Matthew Murray Jackson, of Zurich, in the republic of Switzerland, Engineer, has given the like notice in respect of the invention of "improvements in generating steam for condensing engines."

As set forth in his petition, recorded in the said office on the 9th day of September, 1859.

2135. And Louis Engler and Ernest Frédéric Krauss, Manufacturers, of No. 29, Boulevart St. Martin, Paris, in the Empire of France, have given the like notice in respect of the invention of "a new or improved system of insulators for electric wires."

As set forth in their petition, recorded in the said office on the 19th day of September, 1859.

2179. And Joseph Villet - Collignon, Literary Man, and Louis George, Typographer, of Paris, 29, Boulevart St. Martin, in the Empire of France, have given the like notice in respect of the invention of "improvements in the typography.'

As set forth in their petition, recorded in the said office on the 26th day of September, 1859.

2187. And Thomas Beards, of Stowe, in the county of Bucks, has given the like notice in respect of the invention of "improvements in ploughing and cultivating land by steam power, and in machinery used for such purposes.'

As set forth in his petition, recorded in the said office on the 27th day of September, 1859.

2206. And Edward Hammond Bentall, of Heybridge, near Maldon, in the county of Essex, Ironfounder, has given the like notice in respect of the invention of "improvements in screw presses.

As set forth in his petition, recorded in the said office on the 29th day of September, 1859.