

recorded in the said office on the 14th day of December, 1872.

3804. And John Henry Spencer, of No. 23, John-street North, Marylebone-road, Middlesex, and No. 9, Tranquill-terrace, Chancellors-road, Fulham-road, Hammersmith, in the county of Middlesex, Builder, has given the like notice in respect of the invention of "an improved non-corroding water closet apparatus, water waste preventer and overflow alarm."

As set forth in his petition, recorded in the said office on the 16th day of December, 1872.

3819. And Samuel Cornforth, of Birmingham, in the county of Warwick, Wire Manufacturer, and Joseph Dangerfield, of Birmingham aforesaid, Machinist, have given the like notice in respect of the invention of "improvements in machinery for pointing metallic rods and wire."

3820. And Arthur Charles Henderson, of the firm of Henderson and Company, British and Foreign Patent Agents, of 31, Charing-cross, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in sewing machines, specially adapted for sewing kid gloves, and capable of employment for other purposes."—A communication to him from abroad by Gustave Demailly, Civil Engineer, of the city of Brussels, and Kingdom of Belgium.

3822. And John Kinsey, of Leith, in the county of Mid Lothian, North Britain, Engineer, has given the like notice in respect of the invention of "improvements in liquid meters."

3829. And James Frederick Lackersteen, of No. 3, Lombard-court, in the city of London, Civil Engineer, has given the like notice in respect of the invention of "improvements in the manufacture of hydrogen gas."

As set forth in their respective petitions, all recorded in the said office on the 17th day of December, 1872.

3837. And John Stewart Robertson, of Glasgow, in the county of Lanark, North Britain, has given the like notice in respect of the invention of "improvements in horse-shoes for frosty or snowy weather."

3841. And Robert Boulton Ladbury, of Balsall Heath, in the county of Worcester, Pin Manufacturer, has given the like notice in respect of the invention of "an improvement or improvements in packing pins for sale."

3847. And Frederick Hawke, of 10, Saint John's Wood Park, in the county of Middlesex, Gentleman, has given the like notice in respect of the invention of "improvements in obtaining press copies of manuscripts, and in the preparation of paper so as to render it capable of being employed therefor."

3849. And Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, has given the like notice in respect of the invention of "an improved calendar."—A communication to him from abroad by Jean Marc Louis Parisod and Jean Eléonor Gustave Prochasson, both of Paris, France.

As set forth in his petition, recorded in the said office on the 18th day of December, 1872.

3852. And Arthur Charles Henderson, of the firm of Henderson and Company, British and Foreign Patent Agents, of 31, Charing-cross, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in apparatus for filtering and defecating water by radiation in the mode of cleansing the said apparatus and in its several applications."—A communication to him from abroad by

Gustave Demailly, Civil Engineer, of the city of Brussels and Kingdom of Belgium.

3857. And Robert Smyth, of Glasgow, in the county of Lanark, North Britain, Agent, has given the like notice in respect of the invention of "improved feathering paddles for propelling ships or vessels."

As set forth in their respective petitions, both recorded in the said office on the 19th day of December, 1872.

3866. And Thomas Kennelly, of Birmingham, in the county of Warwick, Gas Fitter, has given the like notice in respect of the invention of "improvements in blow-pipes used in soldering and brazing metals, and for other purposes."

As set forth in his petition, recorded in the said office on the 20th day of December, 1872.

3902. And William Edward Gedge, of No. 11, Wellington-street, Strand, in the county of Middlesex, Patent Agent, has given the like notice in respect of the invention of "a new or improved apparatus or drawing-board for obtaining angular or perspective drawings from right-lined drawings."—A communication to him from abroad by Ernest Camus, of No. 64, Faubourg St. Martin, Paris, France.

3917. And Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, has given the like notice in respect of the invention of "improvements in breech loading firearms."—A communication to him from abroad by Célestin Dumonthier, of Paris, France.

As set forth in their respective petitions, both recorded in the said office on the 24th day of December, 1872.

16. And John Cooper, of Birmingham, in the county of Warwick, Iron Founder, has given the like notice in respect of the invention of "improvements in moulds and mould boxes for casting metals."

As set forth in his petition, recorded in the said office on the 1st day of January, 1873.

27. And William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, has given the like notice in respect of the invention of "an improved brushing machine for cleaning horses."—A communication to him from abroad by James H. Small, of Buffalo, New York, United States of America.

As set forth in his petition, recorded in the said office on the 2nd day of January, 1873.

271. And Richard Samuel Charles Jelley and Robert Canning Jones, of Blackfriars-road, in the county of Surrey, have given the like notice in respect of the invention of "an improved tenon cutting machine."

As set forth in their petition, recorded in the said office on the 23rd day of January, 1873.

357. And George Leach, of Leeds, in the county of York, Engineer, has given the like notice in respect of the invention of "improvements in machinery for preparing and carding wool."

358. And George Leach, of Leeds, in the county of York, Engineer, has given the like notice in respect of the invention of "improvements in the construction and arrangement of apparatus or appliances to be used on board fishing vessels for facilitating the operation of sea fishing."

359. And George Leach, of Leeds, in the county of York, Engineer, has given the like notice in respect of the invention of "improvements in machinery for preparing wool."

As set forth in his respective petitions, all recorded in the said office on the 29th day of January, 1873.