

3968. To John Smith Raworth, of Manchester, and Benjamin Alfred Raworth, of Manchester, Engineers, for the invention of "improvements in machines for winding cotton, silk, or other yarns."

3970. To George Nurse, of Pen y Van, near Pontymister, in the county of Monmouth, for the invention of "improved means and apparatus for finishing tin and terne plates."

3972. And to Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "improvements in valves for steam engines."—A communication to him from abroad by Gustave Arnoux, of Marseilles, France.

On their several petitions, recorded in the Office of the Commissioners on the 15th day of November, 1875.

3974. To Fred Isitt, of Bradford, in the county of York, Gentleman, and David Farrer, also of Bradford, in the county of York, Outfitter, for the invention of "improvements in roller skates."

3976. To Richard Theiler and Meinrad Theiler, both of No. 86, Canonbury-road, Islington, in the county of Middlesex, Telegraph Engineers, for the invention of "improvements in electric telegraphs."

3980. To William Boulton, of Providence Foundry, Burslem, in the county of Stafford, Engineer, for the invention of "an improved machine or apparatus for pressing or forming articles in pottery, or in the brick and tile trade."

3982. To Albert Ellis Redstone, of the city of Oakland, in the county of Alameda, State of California and United States of America, for the invention of "printing known as the Redstone card printing press."

3984. To Henry Cherry, of Aston, near Birmingham, in the county of Warwick, Mechanical Engineer, for the invention of "improvements in steam engines and in direct acting steam pumping engines."

3986. And to Joseph Richard Atha, of Ackworth, Professor of Music, and John Terry, of Northampton, both in the county of York, for the invention of "an improved method or means for facilitating the teaching of the pianoforte and similar keyed instruments."

On their several petitions, recorded in the Office of the Commissioners on the 16th day of November, 1875.

3988. To Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "an improved excavating machine."—A communication to him from abroad by Peter J. Stryker, of New Brunswick, State of New Jersey, United States of America.

3990. To Walter MacLellan and John Paterson Smith, of the city of Glasgow, Engineers, for the invention of "improvements in the construction of railway sleeper chairs."

3994. To Peter Jensen, of 33, Chancery-lane, in the county of Middlesex, Engineer, for the invention of "improvements in tubular flues for steam boilers."—A communication to him from abroad by Lewis Benjamin Halsey and Robert Hamilton Deaderick, both of the city and State of New York, United States of America.

3996. To Nathan Thompson, of the city of Brooklyn, in the State of New York, in the United States of America, but at present of 23, Southampton-buildings, in the county of

Middlesex, for the invention of "improvements in rack pulleys for window-blinds."

3998. And to Edward Lock and George Edwin Chapman, of Worship-street, Finsbury, in the county of Middlesex, for the invention of "improved arrangements applicable for the securing and firmly holding together sheets or leaves of paper and other materials."

On their several petitions, recorded in the Office of the Commissioners on the 17th day of November, 1875.

Erratum in Gazette of Tuesday, November 23, 1875 2625. For "Walter" read "Walker."

#### PATENTS WHICH HAVE BECOME VOID.

**A** LIST of the Letters Patent for Inventions which have become void by reason of the non-payment of the additional Stamp Duty of £50, before the expiration of the third year from the date of such Patents, pursuant to the Act of the 16th Vic., c. 5, sec. 2, for the week ending the 20th day of November, 1875.

3392. William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for an invention of "improvements in reaping and mowing machines."—The said invention has been communicated to him from abroad by Joseph Nicholson, of Melbourne, Australia.—Dated 14th November, 1872.

3399. Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for an invention of "improvements in boring and drilling machines."—A communication to him from abroad by Charles Francis Ritchel and Frank Samuel Allen, both of the city, county, and State of New York, United States of America.—Dated 14th November, 1874.

3401. John Fenwick, of Lemington, near Blaydon-on-Tyne, in the county of Northumberland, Moulder, for an invention of "improvements in the construction and in the form of anchors for ships and vessels."—Dated 15th November, 1872.

3402. Daniel Kemp West and Walter West, both of Crown-place, Kentish Town-road, in the county of Middlesex, Civil Engineers, for an invention of "improvements in apparatus for pressing cotton and other materials, and for securing bales, part of which invention is applicable to other machinery."—Dated 15th November, 1872.

3403. Martyn John Roberts, of the city of Bath, Esquire, for an invention of "improvements in engine governors and in apparatus connected therewith."—Dated 15th November, 1872.

3405. Joseph Ré, of Turin (Italy), resident at Paris, Rue d'Université, No. 2, for an invention of "improvements in machinery for manufacturing horse-shoes."—The said invention is a communication from Vittore Vezzoli, resident at Milan (Italy), Corso Portovenesia, 34.—Dated 15th November, 1872.

3407. John Steel, of Glasgow, in the county of Lanark, North Britain, Merchant, for an invention of "an improved personal indicator for offices."—Dated 15th November, 1872.

3408. Thomas Marsh, of Ashton-under-Lyne, in the county of Lancaster, for an invention of "improvements in apparatus for lubricating the spindles employed in machinery for preparing, spinning, and doubling cotton and other fibrous substances."—Dated 15th November, 1872.