

3104. And Vitale Domenico de Michele, of Weybridge, in the county of Surrey, Engineer, has given the like notice in respect of the invention of "improvements in apparatus for ascertaining the breaking strain of concrete, cement, and other similar blocks or bodies."

As set forth in his petition, recorded in the said office on the 26th day of November, 1870.

3251. And George William Hick, of Leeds, in the county of York, Engineer, has given the like notice in respect of the invention of "improvements in apparatus for moulding or shaping clay and other plastic materials for the production of bricks, tiles, and other articles."

As set forth in his petition, recorded in the said office on the 12th day of December, 1870.

3337. And Andrew Howatson, of Mauchline, in the county of Ayr, North Britain, has given the like notice in respect of the invention of "improved furnaces for melting and puddling iron or steel, and for heating iron, steel, and other metals."

As set forth in his petition, recorded in the said office on the 21st day of December, 1870.

42. And Henry Paterson, of Paisley, in the county of Renfrew, North Britain, has given the like notice in respect of the invention of "improvements in cutting out and affixing labels to bobbins, and in apparatus employed therefor."

As set forth in his petition, recorded in the said office on the 7th day of January, 1871.

128. And John Clark, of No. 8, Belmont-terrace, parish of Kensington, county of Middlesex, Engineer, has given the like notice in respect of the invention of "improvements in railway breaks."

132. And James Lee Norton, of Belle Sauvage-yard, Ludgate-hill, in the city of London, and George Hawksley, of Montrose-villas, Caledonian-road, in the county of Middlesex, have given the like notice in respect of the invention of "improvements in mills."

As set forth in their respective petitions, both recorded in the said office on the 18th day of January, 1871.

206. And Earle Henry Smith, of the city of New York, in the United States of America, has given the like notice in respect of the invention of "improvements in printing presses."

As set forth in his petition, recorded in the said office on the 26th day of January, 1871.

237. And George Henry Funck, of Fenchurch-street, in the city of London, has given the like notice in respect of the invention of "improvements in apparatus applicable to vessels for containing volatile oils and spirits and other liquids."—A communication to him from abroad by Messrs. Meissner, Ackermann, and Company, of New York, in the United States of America.

As set forth in his petition, recorded in the said office on the 30th day of January, 1871.

252. And Sir William Thomson, Knight, of Glasgow College, Doctor of Laws and Professor of Natural Philosophy in the University and College of Glasgow, has given the like notice in respect of the invention of "improvements in transmitting, receiving, and recording instruments for electric telegraphs."

As set forth in his petition, recorded in the said office on the 31st day of January, 1871.

279. And Alexander Annandale the younger, of Dunbar, in the county of Haddington, North Britain, has given the like notice in respect of the invention of "improvements in treating

wood and other vegetable or fibrous substances, in order to reduce the same to pulp."

As set forth in his petition, recorded in the said office on the 2nd day of February, 1871.

305. And James Church, of Glasgow, in the county of Lanark, North Britain, Merchant, has given the like notice in respect of the invention of "improvements in distilling, and in apparatus therefor."

As set forth in his petition, recorded in the said office on the 4th day of February, 1871.

329. And Bevan George Sloper, of Northfleet, in the county of Kent, Chemical Engineer, and Felix Jean Joseph Washer, of Brussels, in the Kingdom of Belgium, Industrial Engineer, have given the like notice in respect of the invention of "improvements in the treatment of sewage and other fecal matters."

As set forth in their petition, recorded in the said office on the 8th day of February, 1871.

365. And Albert Reginald Parks Smith, of Arundel-street, Strand, in the county of Middlesex, Gentleman, and Charles Wedderburn Granville, of Mansfield-chambers, St. Ann's-square, Manchester, in the county of Lancaster, Merchant, have the like notice in respect of the invention of "an improved process of making paper pulp from wood."

As set forth in their petition, recorded in the said office on the 14th day of February, 1871.

390. And George Angell, of 51, Compton-street, Clerkenwell, in the county of Middlesex, Silver-smith, has given the like notice in respect of the invention of "improvements in apparatus for the propulsion and steering of vessels."

391. And William Peacock Savage, of Hilgay Downham, in the county of Norfolk, has given the like notice in respect of the invention of "improvements in sails for ships or vessels."

401. And John Brown, of Garner's Hill Works, Nottingham, has given the like notice in respect of the invention of "improvements in the manufacture of collars, cuffs, and shirt fronts."

404. And Andrew Barclay, of Kilmarnock, in the county of Ayr, North Britain, Engineer, has given the like notice in respect of the invention of "improvements in blast furnaces."

As set forth in their respective petitions, all recorded in the said office on the 16th day of February, 1871.

441. And Charles John Cox, of Ravensbourne Lodge, Southend, Lewisham, in the county of Kent, has given the like notice in respect of the invention of "improvements in apparatus for sowing seed."

As set forth in his petition, recorded in the said office on the 18th day of February, 1871.

454. And Arnold Budenberg, of the firm of Schaeffer and Budenberg, of Manchester, in the county of Lancaster, has given the like notice in respect of the invention of "improvements in 'injectors' or feed apparatus for steam generators, applicable also to the raising and forcing of liquids."—A communication to him from abroad by Heinrich Mühlrad, of Königshütte, in the Kingdom of Prussia.

As set forth in his petition, recorded in the said office on the 22nd day of February, 1871.

475. And George Haseltine, of the "International Patent Office," Southampton-buildings, London, has given the like notice in respect of the invention of "improvements in gas burners."—A communication to him from abroad by Antoine Ernest Dupas, of New Orleans, Louisiana, United States of America.