

3173. And Alexander Doull, of Westminster, Civil Engineer, has given the like notice in respect of the invention of "improvements in constructing atmospheric railways and carriages, and in working the same, parts of which are applicable to exhausting and condensing air for other purposes."

3174. And the representatives of the late Richard Archibald Brooman, of 166, Fleet-street, in the city of London, Patent Agent, have given the like notice in respect of the invention of "a new method of preparing plants of the eucalyptus family and myrtacean plants, and the application thereof to the purposes of tobacco and snuff.—A communication to him from abroad by Prosper Vincent Ramel, of Paris, France.

3179. And Andrew Barclay, of Kilmarnock, in the county of Ayr, North Britain, has given the like notice in respect of the invention of "improvements in certain apparatus for injecting and ejecting fluids and liquids."

3183. And Edmund Morewood, of Stratford, in the county of Essex, has given the like notice in respect of the invention of "improvements in coating metals, and in apparatus to be used for this purpose."

3185. And Robert Francis Fairlie, of Gracechurch-street, in the city of London, Engineer, has given the like notice in respect of the invention of "improvements in locomotive engines, and in the means employed for generating steam therein."

As set forth in their respective petitions, all recorded in the said office on the 9th day of December, 1865.

3193. And James Theodore Griffin, of Fleet-street, in the city of London, Gentleman, has given the like notice in respect of the invention of "an improved ruler."—A communication to him from abroad by George Schramm, of New York, United States of America.

3199. And William Robert Lake, of the "International Patent Office," No. 8, Southampton-buildings, Chancery-lane, in the county of Middlesex, Consulting Engineer, has given the like notice in respect of the invention of "improvements in the permanent way of railways."—A communication to him from abroad by Henry Warren Warner, of Greenfield, Massachusetts, United States of America.

As set forth in their respective petitions, both recorded in the said office on the 11th day of December, 1865.

3218. And Frederick Bernard Doering, of Bayswater, in the county of Middlesex, Civil Engineer, temporarily resident at Altendorf, in the Kingdom of Prussia, has given the like notice in respect of the invention of "improvements in machinery for boring rock and other mineral."—A communication to him by Carl Sachs, a person resident at Oberhausen, Prussia.

3219. And the representatives of the late Richard Archibald Brooman, of 166, Fleet-street, in the City of London, Patent Agent, have given the like notice in respect of the invention of "the manufacture of pulp from Lygeum spartum."—A communication to him from abroad by Antonio Escubos, of Barcelona, Spain.

3222. And William Brookes, of 62, Chancery-lane, in the county of Middlesex, Civil Engineer and Patent Agent, has given the like notice in respect of the invention of "improvements in

turbines for obtaining motive power, applicable also to raising and forcing fluids, and to propelling ships or vessels."—A communication to him from abroad by Joseph Denis Farcot, Jean Joseph Léon Farcot, Michel Basile Abel Farcot, Joseph Etienne Eloi Chateau, and Emmanuel Denis Farcot, all of Port Saint Ouen (Seine), in the Empire of France.

3223. And George Atkin, Edwin Atkin, and Alfred Amos Atkin, trading under the style or firm of Atkin and Sons, of Birmingham, in the county of Warwick, Saw Manufacturers, have given the like notice in respect of the invention of "improvements in machinery for grinding pit, frame, cross-cut, mill, carpenters', hand, back, and other saws, and other like metal surfaces where great truth and accuracy is required."

As set forth in their respective petitions, all recorded in the said office on the 13th day of December, 1865.

3230. And August Guye, of No. 13, Northampton-square, in the county of Middlesex, Watchmaker, has given the like notice in respect of the invention of "improved mechanism for winding keyless watches."

3235. And John Charles Wilson, of East India House, 5, Lime-street, London, county of Middlesex, Civil and Mechanical Engineer, has given the like notice in respect of the invention of "an improved boiler for generating steam or vapour."

As set forth in their respective petitions, both recorded in the said office on the 14th day of December, 1865.

3256. And Charles Pengilly, of 35, Church-street, Falmouth, in the county of Cornwall, Mining Engineer, has given the like notice in respect of the invention of "improvements in the treatment of sulphurous and arsenical pyrites containing copper and tin."

As set forth in his petition, recorded in the said office on the 16th day of December, 1865.

3268. And Henry Planck, of the city of Manchester, in the county of Lancaster, Dentist, has given the like notice in respect of the invention of "improvements in apparatus for regulating heat obtained by the combustion of gas."

As set forth in his petition, recorded in the said office on the 18th day of December, 1865.

3302. And William Barnsley, of Stockport, in the county of Chester, Tanner, has given the like notice in respect of the invention of certain improvements in the method of attaching and securing together the ends of strapping employed in machinery."

As set forth in his petition, recorded in the said office on the 21st day of December, 1865.

3382. And William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, has given the like notice in respect of the invention of "improvements in locks and keys for the same."—A communication to him from abroad by Edrick Francis Young, of Chatham, and Joshua Granville Nickerson, of Boston, both in the State of Massachusetts, United States of America.

As set forth in his petition, recorded in the said office on the 30th day of December, 1865.