

3092. And William Robert Lake, of the International Patent Office," Southampton-buildings, London, Consulting Engineer, has given the like notice in respect of the invention of "improvements in sewing machine needles."—A communication to him from abroad by Mrs. Hannah G. Suplee, of San Francisco, California, United States of America.

As set forth in his petition, recorded in the said office on the 25th day of October, 1869.

3116. And Thomas Clark, of Cheapside, in the city of London, has given the like notice in respect of the invention of "improved implements adapted for constructing tube wells and driving hollow piles, and in the mode of operating therewith for those purposes."

As set forth in his petition, recorded in the said office on the 27th day of October, 1869.

3132. And Silas Covell Salisbury, of the city of New York, and State of New York, in the United States of America, Civil Engineer, has given the like notice in respect of the invention of "improvements in steam boilers and generators."

As set forth in his petition, recorded in the said office on the 28th day of October, 1869.

3157. And Thomas Moore, of South Stockton-on-Tees, in the county of York, Engineer, and Charles Arthur Head, of the Teesdale Ironworks, Stockton-on-Tees, Engineer, have given the like notice in respect of the invention of "improvements in apparatus for raising and lowering weights."

As set forth in their petition, recorded in the said office on the 30th day of October, 1869.

3172. And Beauchamp Tower, of Moreton, near Ongar, in the county of Essex, has given the like notice in respect of the invention of "improvements in hot air engines."

As set forth in his petition, recorded in the said office on the 1st day of November, 1869.

3173. And Charles Godfrey Gumpel, of No. 49, Leicester-square, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in ships rudders and in steering gear therefor."

As set forth in his petition, recorded in the said office on the 2nd day of November, 1869.

3195. And Joseph Booth, of Broomhill, Sheffield, in the county of York, Millwright and Engineer, has given the like notice in respect of the invention of "improvements in the modes of rolling or reducing metal, and in the arrangement of machinery for effecting such rolling or reducing."

As set forth in his petition, recorded in the said office on the 4th day of November, 1869.

3208. And William Robert Lake, of the "International Patent Office," Southampton-buildings, London, Consulting Engineer, has given the like notice in respect of the invention of "improvements in sewing machine needles."—A communication to him from abroad by Patrick H. Newbill, of Los Angeles, California, United States of America.

As set forth in his petition, recorded in the said office on the 5th day of November, 1869.

3222. And Robert Aders, Merchant, of the firm of Aders Preyer, and Company of 25, John Dalton-street, in the city of Manchester, in the county of Lancaster, has given the like notice in respect of the invention of "improvements in the tinning of metals."—A communication to him from abroad by William Ernst Haarhaus, of Elberfeld, in the Kingdom, of Prussia.

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3229. 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 the transportation of letters, parcels and other freight by atmospheric pressure and in apparatus connected therewith."—A communication to him from abroad by Alfred Ely Beach, of Stratford, Fairfield county, State of Connecticut, United States of America.

As set forth in their respective petitions, both recorded in the said office on the 9th day of November, 1869.

3236. And Fleeming Jenkin, of No. 5, Fittis-row, Edinburgh, has given the like notice in respect of the invention of "improvements in submarine telegraph cables."

3240. And Frederick Bernard Döring, of Victoria-street, in the city of Westminster, Civil Engineer, has given the like notice in respect of the invention of "an improved construction of stand or carriage for rock boring or excavating machines."

As set forth in their respective petitions, both recorded in the said office on the 10th day of November, 1869.

3243. And Aaron Mosley, of Old Radford, in the county of Nottingham, Mechanic, has given the like notice in respect of the invention of "improvements in lace machinery."

3244. And Henry Robinson, of Skipton, in the county of York, has given the like notice in respect of the invention of "improvements in the construction of kilns for burning limestone, chalk, cement, or for calcining ores, part of which being applicable to blast furnaces."

3259. And Gustav Adolph Buchholz, of Regent's Park, in the county of Middlesex, Gentleman, has given the like notice in respect of the invention of "improved machinery for hulling grain."

As set forth in their respective petitions, all recorded in the said office on the 11th day of November, 1869.

3264. And Samuel Chatwood, of Bolton-le-Moors, in the county of Lancaster, Safe and Lock Engineer, and Robert Kenyon, of Bolton-le-Moors, in the county of Lancaster, Millwright, have given the like notice in respect of the invention of "improvements in furnaces, and in apparatus connected therewith."

3266. And Gray Denison Edmeston, of Preston, in the county of Lancaster, Engineer, has given the like notice in respect of the invention of "improvements in hammers to be worked by steam or other elastic fluid."

As set forth in their respective petitions, both recorded in the said office on the 12th day of November, 1869.

3277. And Richard Hardman, of Ramsbottom, and George Hardman, of Newchurch, both in the county of Lancaster, Cotton Spinners, have given the like notice in respect of the invention of "improvements in carding engines."

As set forth in their petition, recorded in the said office on the 13th day of November, 1869.

3295. And William Gossage, of Widnes, in the county Palatine of Lancaster, Chemist, has given the like notice in respect of the invention of "improvements in obtaining a certain compound of soda by the decomposition of sulphate of soda, and a certain compound of potassa by the decomposition of sulphate of potassa, also in obtaining sulphur, either free or com-