

3374. And John Muirhead, junior, of Stanley-villa, Thornton Hill, Wimbledon, in the county of Surrey, has given the like notice in respect of the invention of "improvements in electric telegraphs."

As set forth in his petition, recorded in the said office on the 27th day of September, 1875.

3404. And John Garrett Tongue, of the firm of Tongue and Birkbeck, of 34, Southampton-buildings, Chancery-lane, in the county of Middlesex, Patent Agents, has given the like notice in respect of the invention of "improvements in air engines."—A communication to him from abroad by Alexander Kirk Rider, of Walden, in the county of Orange, and State of New York.

As set forth in his petition, recorded in the said office, on the 30th day of September, 1875.

3420. And Thomas Perkins, of Hitchin, in the county of Hertford, has given the like notice in respect of the invention of "improvements in thrashing machines."

As set forth in his petition, recorded in the said office on the 1st day of October, 1875.

3520. And Walter Alfred Blake, of Grange-road, Bermondsey, in the county of Surrey, Sewing Machine Manufacturer, and George Moss, of Roll's-road, Bermondsey, in the county of Surrey, Machinist, have given the like notice in respect of the invention of "improvements in sewing machine shuttles for the same and bobbins for the same."

As set forth in their petition, recorded in the said office on the 11th day of October, 1875.

3537. And Martin Benson, of No. 9, Southampton-buildings, London, has given the like notice in respect of the invention of "improvements in doubling and twisting machines."—A communication to him from abroad by Joseph Franks Wicks, of the city and county of Providence, in the State of Rhode Island, United States of North America.

As set forth in his petition, recorded in the said office on the 12th day of October, 1875.

3573. And Lewis Griffiths, Engine Fitter, and Richard Lewis, Foreman in Tin Works, both of Swansea, in the county of Glamorgan, have given the like notice in respect of the invention of "improved machinery for cleaning tin plates."

As set forth in their petition, recorded in the said office on the 14th day of October, 1875.

3620. And Frederic Barnett, Engineer, of 104, Queen Victoria-street, E.C., London, Middlesex, has given the like notice in respect of the invention of "an improvement in bridges for facilitating the passage of shipping without stopping the carriage or general traffic."

As set forth in his petition, recorded in the said office on the 19th day of October, 1875.

3705. And James Stone, of 167, Gray's-inn-road, London, Gentleman, has given the like notice in respect of the invention of "improvements for admitting air to the furnaces or fire boxes of steam boilers or other heat generators."

As set forth in his petition, recorded in the said office on the 26th day of October, 1875.

4163. And Lewis Augustus Aspinwall, of Albany, in the State of New York, United States of America, but at present of 33, Chancery-lane, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in the construction of potatoe diggers."

As set forth in his petition, recorded in the said office on the 2nd day of December, 1875.

4297. And Uriah Scott, of 1, North-street, Fitzroy-square, in the county of Middlesex, Engineer, has given the like notice in respect of the invention of "improvements in various parts of railway and other carriages."

As set forth in his petition, recorded in the said office on the 11th day of December, 1875.

4377. And Thomas Claxton Fidler, of Richmond, in the county of Surrey, Civil Engineer, has given the like notice in respect of the invention of "improvements in steam boilers for tramway engines and other motive power."

4381. And Robert Baillie, of London-yard, Isle of Dogs, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in cranes."

As set forth in their respective petitions, both recorded in the said office on the 17th day of December, 1875.

4390. And William Adams, of Stratford, in the county of Essex, Engineer, and James Livesey, of No. 9, Victoria-chambers, Westminster, in the county of Middlesex, Engineer, have given the like notice in respect of the invention of "improvements in the rolling stock of railways and tramways."

As set forth in their petition, recorded in the said office on the 18th day of December, 1875.

4454. And William Kempe and Arthur Kempe, both of Holbeck Mills, Leeds, in the county of York, have given the like notice in respect of the invention of "improvements in raising the nap upon cloths and fabrics, and in apparatus employed therein."

As set forth in their petition, recorded in the said office on the 22nd day of December, 1875.

4466. And Edward Russell Vaughan, of Number 12, Rutland-square, in the city of Dublin, Aerated Water Manufacturer, has given the like notice in respect of the invention of "an improved pump for use in the manufacture of aerated waters."

4470. And Charles Harrison, of Averdale-square, Old Kent-road, in the county of Surrey, Engineer has given the like notice in respect of the invention of "improvements in the construction of skates, parts of the same being applicable to sledges."

As set forth in their respective petitions, both recorded in the said office on the 23rd day of December, 1875.

4480. And James Dunbar, of Brixton, in the county of Surrey, Engineer, and Joseph Ruston, of the town and county of Lincoln, Engineer, have given the like notice in respect of the invention of "improvements in excavating machines."

4493. And James Willis, of Stratten Villa, Malvern Wells, in the county of Worcester, has given the like notice in respect of the invention of "improvements in umbrellas and sunshades."

4499. And Arnold Souheur, of Seraing, Belgium, Engineer, has given the like notice in respect of the invention of "improvements in the wheels of vehicles, and in the mode or means of connecting the same to their axles."

4500. And Arnold Souheur, of Seraing, Belgium, Engineer, has given the like notice in respect of the invention of "improvements in lamps."

As set forth in their respective petitions, all recorded in the said office on the 24th day of December, 1875.

4515. And Henry Wilde, of Manchester, in the county of Lancaster, Engineer, has given the like notice in respect of the invention of "im-