

3206. To Frederick Hickenbotham, of Birmingham, in the county of Warwick, Manager of Smiths, and Wilson Marshall, of Birmingham aforesaid, Mechanical Engineer, and Samuel Adams, of Aston, near Birmingham aforesaid, Carriage Builder, for the invention of "improvements in fastenings for the doors of railway wagons or trucks used for transporting coal and minerals, and for other like purposes."

3207. To James Wass, of Old Basford, in the county of Nottingham, Tailor, for the invention of "improvements in velocipedes."

3208. To Richard William Johnson, of 49, Queen's Gate-gardens, in the county of Middlesex, Esquire, for the invention of "an improvement in the manufacture of artificial or block fuel."—A communication to him from abroad by William Charles Arthur Røetger, of Brussels, in the Kingdom of Belgium.

3209. To Arthur Thomas Allcock, of Gainsboro, in the county of Lincoln, for the invention of "improvements in the method of effecting an instantaneous cut off in steam engines by the action of the governor."

3210. To Benjamin Joseph Barnard Mills, of the firm of Harris and Mills, of 35, Southampton-buildings, in the county of Middlesex, Patent Agent, for the invention of "improvements in power presses, parts of which improvements are applicable to other purposes."—A communication to him from abroad by Norman C. Stiles, of Middletown, in the county of Middlesex, in the State of Connecticut, United States of America.

3212. And to John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for the invention of "improvements in lamps for burning heavy oils."—A communication to him from abroad by Robert Hitchcock, John Morton Sigourney, and William Van Vranken Rosa, all of Watertown, county of Jefferson, State of New York, United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 3rd day of October, 1873.

3213. To William Smith, of No. 19, Salisbury-street, Strand, W.C., London, Civil Engineer, for the invention of "indicating the movements of railway switches or points and signals, and in the apparatus for recording such movements."

3215. To James Cleminson, of 5, Westminster-chambers, Victoria-street, Westminster, in the county of Middlesex, Civil Engineer, for the invention of "improvements in railway or other carriages."

3216. To John Rice, of Southsea, in the county of Hants, Brewer, for the invention of "an improved vessel for beer or other liquid."

3218. To Thomas Robinson, of Halifax, in the county of York, and Alfred Lister, of Hipperholme, in the same county, Overlookers, for the invention of "improvements in shuttles."

3219. To James Harrop, of the city of Manchester, in the county of Lancaster, Engineer, for the invention of "improvements in taps or valves."

3221. To Nathan Thompson, of the city of Brooklyn, and State of New York, in the United States of America, but at present of 35, Southampton-buildings, in the county of Middlesex, Marine Engineer, for the invention of "improvements in means for connecting together fire hose tubes and other hollow articles."

3222. To George Warsop, of 76, Royal-terrace, and Henry Walker Hill, of 51, Hampden-street, both of Nottingham, Engineers, for the invention of "improvements in machinery for cutting coal and other minerals."

3223. To James Moss, of 76, Preston-street, Liverpool, in the county of Lancaster, Mechanic, for the invention of "improvements in sewing machines and in apparatus connected therewith."

3224. To John West, Gas Engineer, of Maidstone, in the county of Kent, for the invention of "improvements in apparatus used in the manufacture of gas."

3225. To John West, Gas Engineer, of Maidstone, in the county of Kent, for the invention of "improvements in apparatus used in the manufacture of gas."

3226. To Alphonse Louis Normandy, of Hollybush-place, Bethnal Green, in the county of Middlesex, for the invention of "improvements in distilling machines."

3229. To Samuel Sudworth, of the city of Manchester, Machinist, for the invention of "an improved apparatus for recording time and the pressure of steam and other fluids, also the vacuum of steam engines and the speed of motive power engines."

3230. And to Henry Hodgkinson, of Marple, in the county of Chester, Cotton Spinner, and James Ardern, of the same place, Mill Manager, for the invention of "certain improvements in machinery for preparing cotton and other fibrous substances."

On their several petitions, recorded in the Office of the Commissioners on the 4th day of October, 1873.

3235. To John Tompkins, of Clapham-road, in the county of Surrey, Paymaster in the Royal Navy, for the invention of "an improved kettle for domestic use."

3239. To Darnton Hutton, of the Amsterdam Canal Harbour Works, Beverwyk, in the Kingdom of Holland, and of 5, Westminster-chambers, Victoria-street, for the invention of "improvements in dredging machines."

3241. To Thomas Elsley, of No. 32, Great Portland-street, in the county of Middlesex, for the invention of "improvements in apparatus for opening and closing casements."

3243. And to Edward Opie Blake, of Leadenhall-street, in the city of London, Merchant, for the invention of "improvements in apparatus for carbureting and supplying carbureted air for lighting and heating purposes."—A communication to him from abroad by Francis Cutting, of Woburn, Massachusetts, in the United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 6th day of October, 1873.

3245. To Edward Samuel Eyland and John Bosley Warren, both of Bristol, in the city of Bristol, for the invention of "an improved mechanical arrangement applicable to pianofortes and music stands, for turning over the leaves of music."

3247. To George Gordon de Luna Byron, of New York, in the United States of America, but at present of 89, Chancery-lane, in the county of Middlesex, for the invention of "improvements in the treatment and compounding of cast iron with other metals, or materials containing such metals, while in a molten state."—A communication to him from abroad by William Meriorice Arnold, of New York, United States of America.