

the invention of "improvements in washing machines."

On their several petitions, recorded in the Office of the Commissioners on the 4th day of November, 1875.

3849. To James Cleminson, of Westminster, in the county of Middlesex, Civil Engineer, for the invention of "improvements in apparatus for feeding steam-boilers with hot water.

3851. To Henry Lander, of Mere, in the county of Somerset, for the invention of "improvements in agricultural implements, commonly called collectors."

3853. To William Brownhill, junior, of Walsall, in the county of Stafford, Managing Director of the Birchills Hall Iron Company Limited, and Thomas Henry Smith, Roll Turner, also of Walsall aforesaid, for the invention of "certain improvements in expediting the manufacture of open, jointed, welded, jump, and lap jointed or other tubes of iron, steel, or other metals, and in apparatus therefor."

3855. To James Wilson, Assistant Manager to Messieurs M. Macfarlane and Company, Distillers, of Glasgow, in the county of Lanark, North Britain, for the invention of "improvements in apparatus to be used in making worts for distilling purposes from certain kinds of grain."

3857. To James Urquhart, of Manchester, in the county of Lancaster, and William Ward Andrews, of Kingsland-road, in the county of Middlesex, for the invention of "improvements in wet gas meters."

3859. To Morgan George Lloyd, of Camolin, in the county of Wexford, Ireland, for the invention of "improved machinery for trimming lawns and cutting sods."

3861. And to William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for the invention of "improvements relating to fog horns or trumpets."—A communication to him from abroad by Felix Brown, of the city and State of New York, United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 5th day of November, 1875.

3863. To George John Newton, of Old Radford, in the county of Nottingham, for the invention of "improvements in machinery or apparatus applicable to bobbin net or twist lace machines."

3867. To Mathias Neuhaus and John Eliot Hodgkin, both of Queen Victoria-street, in the city of London, for the invention of "improvements in steam pumps, parts of which improvements are applicable to other similar purposes."—A communication to him from abroad by John Wyman Blake, of Jersey City, in the State of New Jersey, United States of America.

3871. And to Charles Mace and John Brewster, both of Sunderland, in the county of Durham, for the invention of "improvements in tube stoppers for stopping the ends of split or leaky tubes in steam boilers and staying the tube plates."

On their several petitions, recorded in the Office of the Commissioners on the 6th day of November, 1875.

3873. To John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for the invention of "improvements in the apparatus for propelling and steering ships or vessels."—A communication to him from abroad by Romalde Schiaffino, of Paris, in the Republic of France.

3875. To Frank Pearn and Sinclair Pearn, of the city of Manchester, in the county of Lancaster, Engineers, for the invention of "improvements in steam engines applicable more particularly for use in combination with pumps and various other mechanism."

3877. To Edwin Eagling Glaskin, of 73, Amherst-road, Hackney, in the county of Middlesex, for the invention of "improvements in railway vehicles."—A communication to him from abroad by Hiram D. Faulkner, of New York, in the United States of America.

3879. To Henry Gardner, of the firm of Robertson, Brooman, and Company, of 166, Fleet-street, in the city of London, Patent Agents, for the invention of "improvements in mowing and reaping machines."—A communication to him from abroad by Andrew George Gray, residing at Orange-street, Saint John, New Brunswick.

3881. And to Thomas Perks the younger, of the firm of Thomas Perks and Sons, of Birmingham, in the county of Warwick, Jewellers, for the invention of "an improvement or improvements in earrings."

On their several petitions, recorded in the Office of the Commissioners on the 8th day of November, 1875.

3883. To Henry Fisher, of the town and county of Newcastle-upon-Tyne, Ironfounder, for the invention of "improvements in the mode of and arrangement or apparatus for forming moulds for casting sinking cylinders, large pipes, hollow piles, & other large cylindrical articles."

3887. To William Young and Richard Brown, both of Ayr, in the county of Ayr, North Britain, for the invention of "improvements in dressing, shaping, and cutting stone, marble, slate, and similar materials, and in cutting or getting coal and other minerals, and in apparatus therefor."

3889. And to James Walker Tattersfield, of the firm of George Tattersfield and Co., of Dewsbury, in the county of York, for the invention of "improvements in machinery or apparatus for finishing woven fabrics."

On their several petitions, recorded in the Office of the Commissioners on the 9th day of November, 1875.

3893. To William Richmond, of 22, Ely-place, Holborn, in the city of London, for the invention of "a new or improved apparatus for lowering, detaching, and hoisting ships' boats."

3895. To William Morgan-Brown, of the firm of Brandon and Morgan-Brown, Engineers and Patent Agents, of 38, Southampton-buildings, London, and 13, Rue Gaillon, Paris, for the invention of "a new and improved raw hide shoe tip or protector for the uppers of boots and shoes."—A communication to him from abroad by the National Boot and Shoe Tip Company, of Boston, county of Suffolk, Massachusetts, United States of America.

3897. To Edward Thomas Hughes, of the firm of Hughes and Son, Patent Agents, 123, Chancery-lane, London, for the invention of "improvements in rowing gear."—A communication to him from abroad by William Lyman, of Middlefield, in the county of Middlesex, Connecticut, United States of America.

3899. To James Nimmo, of Balcastle Villa, Slamnan, in the county of Stirling, North Britain, Coalmaster, for the invention of "improvements in signalling on railways, and in the machinery or apparatus employed therefor."