engines and other carriages, and in giving motion to ploughs and other agricultural machines."

As set forth in their respective petitions, all recorded in the said office on the 4th day of December, 1861.

3058. And John Bailey and William Henry Bailey, of the Albion Works, Salford, near Manchester, in the county of Lancaster, Turret Clock Makers, have given the like notice in respect of the invention of "improvements in apparatus for indicating the pressure of steam and gases, the amount of vacuum, the flow of fluids, the weight of materials, and the speed of bodies, either revolving or traversing, and also the employment of alluminum or its alloys in the manufacture of the same."

3060. And John David Napier, of Glasgow, in the county of Lanark, North Britain, Engineer, has given the like notice in respect of the invention of improvements in brakes."—A communication to him from abroad by Robert Napier, residing at Newcastle, New South

Wales.

As set forth in their respective petitions, both recorded in the said office on the 6th day of December, 1861.

3079. And Marc Antoine François Mennons, of the British and Foreign Patent Offices, 39, Rue de l'Echiquier, Paris, in the Empire of France, has given the like notice in respect of the invention of "improved natatory apparatus."—A communication from Léon Lejuste, a person resident at No. 63, Rue du Cantéleux, Douai, France.

3080. And Marc Antoine François Mennons, of the British and Foreign Patent Offices, 39, Rue de l'Echiquier, Paris, in the Empire of France, has given the like notice in respect of the invention of "a new or improved combination of microscopic photographs, and lenses with certain precious stones, or imitations thereof."—A communication from Louis Henri Bouillette and Jean Amable Hyvelin, persons resident at No. 31, Rue Michel-le-Comte, Paris, France.

3082. And John Fordred, of Brighton, in the county of Sussex, has given the like notice in respect of the invention of "improvements in treating linseed oil."

As set forth in their respective petitions, all recorded in the said office on the 9th day of December, 1861.

3106. And Richard Archibald Brooman, of 166, Fleet-street, in the city of London, Patent Agent, has given the like notice in respect of the invention of "a new or improved method of treating teazles or thistles to be used in the teazling of cloths and stuffs and otherwise."—A communication to him from abroad by Adolphe André Gohin, of Vire, France.

As set forth in his petition, recorded in the said office on the 11th day of December, 1861.

3135. And Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, has given the like notice in respect of the invention of "an improved arrangement of fire escape."

—A communication to him from abroad by Aaron Shute, of Flushing, in the county of Queens, and State of New York, United States of America."

As set forth in his petition, recorded in the said office on the 13th day of December, 1861.

3164. And Alfred Vincent Newton, of the Office i for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, has given the like notice in respect of the invention of "improved hoisting apparatus."—A communication to him from abroad by John James Doyle and James Christison, both of the city of New York, United States of America.

As set forth in his petition, recorded in the said office on the 17th day of December, 1861.

3246. And Richard Archibald Brooman, of 166, Fleet-street, in the city of London, Patent Agent, has given the like notice in respect of the invention of "improvements in steam generators and in fire bars employed therein."

—A communication to him from abroad by Alexandre Friedmann and Emile d'Erlanger, both of Paris, France.

As set forth in his petition, recorded in the said office on the 27th day of December, 1861.

3263. And Thomas Green and Willoughby Green, both of Smithfield Iron Works, in Leeds, in the county of York, and Robert Mathers, of Trafalgar-street, in Leedsa foresaid, Engineer, have given the like notice in respect of the invention of "improvements in chains for giving motion to chain wheels, and in giving motion to machinery."

As set forth in their petition, recorded in the said office on the 31st day of December, 1861.

119. And Edward Henry Cradock Monckton, of Fineshade, in the county of Northampton, Esq., has given the like notice in respect of the invention of "improvements in apparatus for obtaining and applying motive power."

As set forth in his petition, recorded in the said office on the 16th day of January, 1862.

149. And Robert Ogden Doremus and Bern Lum Budd, of New York, United States of America, Chemists, have given the like notice in respect of the invention of "improvements in making cartridges."

As set forth in their petition, recorded in the said office on the 20th day of January, 1862.

177. And John Cresswell Johnson, of the town of Nottingham, Lace Maker, has given the like notice in respect of the invention of "improvements in the manufacture of twist lace in twist lace machines."

As set forth in his petition, recorded in the said office on the 23rd day of January, 1862.

199. And John Wright, of Rochester, in the county of Kent, Civil Engineer, has given the like notice in respect of the invention of "improvements in constructing works below water." As set forth in his petition, recorded in the said office on the 25th day of January, 1862.

289. And Thomas Mossom Meekins, LL.D., of the Inner Temple, Esquire, Barrister-at-Law, and of 44, Chancery-lane, in the county of Middlesex, has given the like notice in respect of the invention of "the production of a projectile and explosive force to be used in instruments of war, for an electric-gas-gun and electric gas shell, for a method of using the recoil of weapons for the purpose of increasing the pressure of elastic fluids for the production of a projectile force, for a method of rapidly loading weapons at the breech, and of a motive force to be used in an electric gas engine or other engines."

As set forth in his petition, recorded in the said office on the 4th day of February, 1862.

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