

3519. To James Murdoch Napier, of York-road, Lambeth, in the county of Surrey, for the invention of "improvements in apparatus or appliances for serving mustard and other condiments."

3521. To Georges Henry Nick, of Paris, Passage Saulnier, No. 11, in the French Empire, for the invention of "an improved sheave or pulley for ships' blocks or other purposes."

3522. And to Thomas Aldridge Weston, of Birmingham, in the county of Warwick, Engineer, for the invention of "improvements in saws."—A communication to him from abroad by Peter Cook, of Tonawanda, county of Erie, State of New York, United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 11th day of December, 1867.

3523. To George Adam Young, of Eagle-street, Red Lion-square, in the county of Middlesex, Surveyor, for the invention of "an improved curtain or screen for separating the stage from the audience part in theatres and music halls, in order to prevent the spreading of fire; also applicable to other buildings where it is desired to prevent the spreading of fire from one part of the building to another part."

3524. To John Goodman, of Loughborough, in the county of Leicester, Coach Builder, for the invention of "improvements in the manufacture or production of wheels used for carriages or other vehicles."

3525. To John Octavius Butler, of the Kirkstall Forge Company, Leeds, in the county of York, for the invention of "improvements in securing the tyres of railway engine and carriage wheels."

3526. To Jonathan Robert Baillie, of Rochefort Villas, Hoe-street, Walthamstow, in the county of Essex, Naval Architect, for the invention of "improvements in caissons."

3527. To John Ward, of Port Glasgow, in the county of Renfrew, North Britain, for the invention of "improvements in lamps to be used under water."

3528. To Richard Roberts, of Pontypridd, in the county of Glamorgan, Engineer, and Philip Williams, of the firm of Morgan Williams and Company, of the same place, Engineers, for the invention of "an improved equilibrium slide valve for steam engines."

3529. To Rowland William Brownhill, of Walsall, in the county of Stafford, Manufacturer for the invention of "improvements in water tuyeres for blast furnaces, smiths' fires, and for other like purposes."

3531. To Ephraim Death, of Leicester, in the county of Leicester, Engineer, for the invention of "improvements in steam pumps."

3532. To William George Hanning and George Ballantyne Knott, both of Newcastle-on-Tyne, in the county of the same town, and Léon Charles François Clerc, of Saint Mary Axe, in the city of London, for the invention of "improvements in lamps."—The same is partly their own invention, and partly the result of a communication to them from abroad by François Maurel, of La Chapelle, Paris, in the Empire of France.

3533. To James Collingham, Worsted Spinner, and Thomas Ellison Smith, Machine Maker, of the town of Keighley, in the county of York, for the invention of "improvements in spinning and twisting frames known under the denomination of 'cap frames' and 'flyer frames.'"

3534. To Peter Bawden, of No. 49, Norland-square Notting-hill, in the county of Middlesex, Brick Manufacturer, for the invention of "improvements in machinery for the manufacture of bricks and tiles."

3535. To Edward Reed Sintzenich, of Duke-street, St. James's, in the county of Middlesex, for the invention of "improvements in the treatment of paper, and certain woven fabrics for rendering them ornamental and durable as articles of dress, and for decorative and ornamental purposes."

3536. To Henry Field, of Tulse-hill, in the county of Surrey, for the invention of "improvements in the manufacture of candles, and in the moulds or apparatus employed therein."

3538. To Robert Boby, of Bury St. Edmunds, in the county of Suffolk, Agricultural Implement Maker, for the invention of "improvements in hay-making machines, horse hoes, horse rakes, and other analogous agricultural implements or machines."

3539. To Westley Richards, of Birmingham, in the county of Warwick, for the invention of "improvements in fire arms and cartridges."

3540. To James Robinson, of Dalton, near Huddersfield, for the invention of "improvements in the manufacture of mohair and similar fabrics."

3541. And to John Henry Pepper, of No. 61, Boundary-road, St. John's Wood, Professor of Chemistry, and Thomas William Tobin, of No. 8, Old Jewry, in the city of London, Architect, for the invention of "improvements in apparatus used in producing scenic illusions."

On their several petitions, recorded in the Office of the Commissioners on the 12th day of December, 1867.

3544. To John Henry Johnson of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for the invention of "improvements in the manufacture of artificial fuel."—A communication to him from abroad by Antoine Ferdinand Philippe Auguste Gaston Decamps, Merchant, Theodore de Joly, Civil Engineer, and François Felix Chollat, Gentleman, all of Paris, in the Empire of France.

3546. To James Williams, of Great Saughall, in the county of Chester, Schoolmaster, for the invention of "an abacus or apparatus for imparting instruction in arithmetic, and which apparatus may be advantageously employed in teaching reading."

3550. To John Grundy Settle, of Horncastle, in the county of Lincoln, for the invention of "improvements in door bolts and indicators."

3552. And to William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "improvements in bench planes and moulding tools."—A communication to him from abroad by Nelson Palmer, of Auburn, in the State of New York, United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 13th day of December, 1867.

3554. To Henry Atkinson, of No. 33, Wharf-road, City-road, in the county of Middlesex, for the invention of "improvements in gas retort ovens and furnaces."—A communication to him from abroad by John Olof Wallin, of Stockholm, in the Kingdom of Sweden.