

of elasticity of the cushions and the strength of the cloth."—A communication to him from abroad by Eugene Ponsson, junior, of No. 15, Passage des Petites Couries, Paris, France, Billiard Table Maker.

2614. To Richard Abell, of Cambridge-terrace, Pimlico, in the county of Middlesex, Carpenter, for the invention of "improvements in trapping and ventilating sewers."

2616. And to Daniel Gallafent, of Stepney, in the county of Middlesex, Engineer, for the invention of "improvements in paraffine lamps." On their several petitions, recorded in the Office of the Commissioners on the 10th day of October, 1865.

2622. To William Edward Gedge, of the firm of John Gedge and Son, of No. 23, Southamp-ton-buildings, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "improvements in double or single action pumps."—A communication to him from abroad by Claude Gomin, of St. Etienne, Loire, France, Tinsmith.

On his petition, recorded in the Office of the Commissioners on the 11th day of October, 1865.

2629. To Robert Longdon, of Atlow Mill, Ash-bourne, in the county of Derby, Miller, for the invention of "improvements in hurdles for fencing or dividing grass and other lands, and for other like purposes."

2631. To James Broughton Edge and Enoch Hird, both of Bolton, in the county of Lan-caster, for the invention of "certain improve-ments in machinery or apparatus for twisting or doubling cotton or other yarns."

2633. To Henry Headly Williams, of Bucking-ham-street, in the city of Westminster, Gentle-man, for the invention of "improvements in sabots for projectiles."

2635. To George Deslandes and Albert Deslandes, both of the Island of Jersey, Ship Builders, for the invention of "an improved method of work-ing windlasses."

2637. To Hugh Hourston Craigie, of the city and State of New York, United States of America, for the invention of "an improved overflow for basins, sinks, and baths."

2639. 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 centrifugal governors."—A communication to him from abroad by Thomas Richard Pickering, of the city and State of New York, in the United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 12th day of October, 1865.

2643. To William Halse Gatty Jones, of Crosby-square, in the city of London, Solicitor, for the invention of "improvements in machinery employed for crushing, amalgamating, and washing gold quartz and other minerals or matters contain-ing gold or other metal."—A communication to him from abroad by the inventor, James Hart, of the city of Melbourne, in the colony of Victoria, Engineer.

2645. To Henry Headly Williams, of Bucking-ham-street, in the city of Westminster, Gentle-man, for the invention of "improvements in breech loading fire arms."—The result partly of a communication made to him from abroad by Albert Rohde, of Fürstenbrunn, and partly of invention or discovery made by him.

2647. To William Robertson and James Guthrie Orchar, of Dundee, in the county of Forfar, North Britain, for the invention of "improve-ments in apparatus for finishing textile fabrics."

2649. And to George Baldwin Woodruff, of Cheapside, in the city of London, Mechanical Engineer, for the invention of "improvements in sewing machines."

On their several petitions, recorded in the Office of the Commissioners on the 13th day of October, 1865.

2653. To William Jardine Combe, MacMillan, of Sunderland, in the county of Durham; Gutta Percha Shoe Maker, James Mason, of the same place, Examining Officer in Her Majesty's Customs, and John Vickers Scarborough, also of the same place, Gutta Percha Shoe Manu-facturer, for the invention of "a certain com-position having anti-corrosive and anti-fouling properties for the preservation of, and keeping clean the bottoms of, iron vessels, and also for the preservation of iron submerged and iron structures exposed to the action of the at-mosphere or water."

2655. To James Lamb Hancock, of Tipton, in the county of Stafford, for the invention of "improvements in apparatus for polishing and brushing."

2657. To James Cartmell Ridley, of Newcastle-on-Tyne, Mechanical Engineer, for the inven-tion of "improvements in apparatus for applying carbonic and other gases to iron and other metals in a molten state."

2658. To Charles Alfred Elliott, of Kensington, in the county of Middlesex, Gentleman, for the invention of "an improvement in blinkers for horses and other animals."

2659. And to Robert Stephens, of 17 and 18, Green-street, in the county of Middlesex, Barrow-Maker, for the invention of "an im-proved barrow for use by Builders and Con-tractors, and also for general purposes."

On their several petitions, recorded in the Office of the Commissioners on the 14th day of October, 1865.

2661. To Francis Wise, of Chandos-chambers, Adelphi, in the city of Westminster, Consulting Engineer, Edward Field, of Chandos-chambers aforesaid, Consulting Engineer, and Enoch Harrison Aydon, of Wandsworth, in the county of Surrey, Civil Engineer, for the invention of "improvements in steam boilers and other apparatus, applicable to the heating and evapo-ration of liquids, parts of which improvements are applicable also to other purposes."

2663. To Charles Henry Murray, of Loman-street, in the borough of Southwark, Machinist, for the invention of "improvements in the con-struction of skips for raising ballast, corn, coal, minerals, and other matters, in bulk."

2664. To Joseph Orrin and Thomas Geer, of Little Britain, in the city of London, Book-binders, for the invention of "an improved fastening for books, portfolios, despatch boxes, and other similar articles."

2665. To John Reading, Samuel Alfred Reading, George Edward Reading, and Frederick Francis Reading, all of Birmingham, in the county of Warwick, Jewellers, for the invention of "cer-tain improved methods of manufacturing or arranging the spring-bolts and attendant parts of sleeve links and other like articles where the means of a portable connection are required."

2669. To Henry Skinner, of the city of Worces-ter, Signal Inspector, for the invention of "im-provements in apparatus for working railway switches, points, and signals."