

4358. To William Saul, of Preston, in the county of Lancaster, Shoe and Clog Maker, for the invention of "improved tap or bottle cap."

4362. To Frederick William Colls, of Erith, in the county of Kent, for the invention of "improvements in the manufacture of gas for heating and lighting, and in the apparatus to be employed therein."

4364. And to Alexander Armstrong, of Glasgow, in the county of Lanark, North Britain, for the invention of "improvements in safety cages for mine shafts."

On their several petitions, recorded in the Office of the Commissioners on the 16th day of December, 1875.

4370. To Robert Millar, of Kilmarnock, in the county of Ayr, North Britain, Engineer, for the invention of "improvements in tramway cars."

4373. To Frederick Bolton, of Weaste, in the county of Lancaster, for the invention of "improvements in apparatus for weighing and for measuring liquids."

4374. To Heinrich August Theodor Ehrhardt, of Duesseldorf, in the German Empire, for the invention of "improvements in the means for securing flange and other joints, also applicable for joints of driving bands and the like."

4376. To Thomas Wrigley, Manager for the firm of Messrs. Fielden Brothers, of Todmorden, in the county of Lancaster, for the invention of "improvements in machinery or apparatus for spinning and doubling cotton and other fibrous substances."

4378. To Robert Parker, of Bow, in the county of Middlesex, for the invention of "improvements in ventilating and purifying sewers, and in apparatus to be employed for those purposes."

4380. To Henry Halladay, of No. 30, Burbury-street, Birmingham, in the county of Warwick, Manufacturer, for the invention of "improvements in brace fittings."

4382. To Albert Martin, of Old Charlton, in the county of Kent, for the invention of "improvements in apparatus for clipping or shearing animals."

4384. And to Willoughby Smith, of 18, Wharf-road, City-road, for the invention of "improvements in joining telegraph wires."

On their several petitions, recorded in the Office of the Commissioners on the 17th day of December, 1875.

4386. 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 printing machinery."—A communication to him from abroad by Richard March Hoe, of the city and State of New York, United States of America.

4388. To Robert Morgan, of Birmingham, in the county of Warwick, Engineer, for the invention of "improvements in smoke consuming furnaces."

4390. To William Adams, of Stratford, in the county of Essex, Engineer, and James Livesey, of No. 9, Victoria-chambers, Westminster, in the county of Middlesex, Engineer, for the invention of "improvements in the rolling stock of railways and tramways."

4392. To Manning Prentice, of Stowmarket, in the county of Suffolk, for the invention of "improvements in the construction of platinum vessels exposed to heat or strain."

4394. To Gerald Ellison Collette, of Westfield House, Halliford, in the county of Middlesex,

Esquire, for the invention of "an improved method of constructing 'rollers' or 'castors.'"

4396. To Edward Taylor, of the firm of Thomas & Taylor, of Salford, in the county of Lancaster, for the invention of "improvements in the construction of stoves for heating laundry irons, and in utilizing the waste heat from such stoves for drying and airing purposes."

4398. To Edwin Lawrence, of No. 6, Lancaster-gate, Hyde Park, in the county of Middlesex, for the invention of "improvements in means or apparatus for cutting, drilling, engraving, or carving metals and other materials."

4400. To Frederic Eliot Duckham, of Millwall Docks, in the county of Middlesex, for the invention of "improvements in discharging mud or spoil from dredgers and other vessels."

4402. To Benjamin Harlow, of Macclesfield, in the county of Chester, Engineer, for the invention of "improvements in and apparatus for moulding pipes, elbows, and other similar articles."

4404. To William Leonard Hunt, of 123, Chancery-lane, in the county of Middlesex, for the invention of "improvements in means and apparatus to be employed in theatrical or gymnastic performances."

4405. And to Henry Jewitt, of Kentish Town, in the county of Middlesex, for the invention of "an improved desk for scholastic purposes."—A communication to him from abroad by William Rose, of New York, United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 18th day of December, 1875.

4406. To John Thomson King, of Oxtou, in the county of Chester, for the invention of "improvements in lock-washers for screwed bolts and nuts."

4408. To Frederick Arthur Cowell, of Gunnislake, Calstock, in the county of Cornwall, Engineer, for the invention of "improvements in kilns or furnaces."

4410. To Stanway Jackson and Robert Phillip Kay, of the firm of Kay, Jackson, and Buckley, of Manchester, in the county of Lancaster, and Nathan Dearnley and Thomas Stafford, of Droylsden, in the same county, for the invention of "improvements in apparatus for changing the shuttles in looms for weaving."

4412. To John Gamgee, of Chelsea, in the county of Middlesex, for the invention of "improvements applicable to the formation and maintenance of skating rinks."

4414. And to Samuel Godfrey, Engineer, and Richard Howson, Engineer, both of Middlesbrough-on-Tees, in the North Riding of the county of York, for the invention of "improvements in gas furnaces."

On their several petitions, recorded in the Office of the Commissioners on the 20th day of December, 1875.

4416. To Stanley George Lutwyche, of 134, High-street, Borough, Southwark, in the county of Surrey, for the invention of "improvements in saddles."—A communication to him from abroad by Laurent Cogent, of Paris, France.

4417. To Eugen Anselm, Jacob Goldschmid, Otho Horkheimer, and John Farran, all of Manchester, in the county of Lancaster, for the invention of "improvements in apparatus for cutting or severing velvets and other piled fabrics."