

422. And to George Homfray, of Witley-lodge, in the parish of Halesowen, in the county of Worcester, Iron Manufacturer, for the invention of "improvements in the mode of making or forming the links of iron or steel chains, chain cables, shackles, couplings, or parts of the same, and for machinery to be used therein."

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

434. To Denison Chauncey Pierce, of New York, United States of America, for the invention of "improvements in railway rails."

435. To Francis Joseph Emery, of Cobridge, in the county of Stafford, for the invention of "improvements in ornamenting china and earthenware, and in preparing materials to be employed therefor."

437. And to Robert Henry Emerson, of the city of Dublin, Ireland, for the invention of "a new or improved invalid or siphon drinking cup."

On their several petitions, recorded in the Office of the Commissioners on the 15th day of February, 1865.

441. To William Kirrage, of No. 13, Gardeners'-road, Victoria-park, in the county of Middlesex, Surveyor, for the invention of "an improvement in the manufacture of artificial stone for building and other purposes."

442. To Richard Archibald Brooman, of 166, Fleet-street, in the city of London, Patent Agent, for the invention of "improvements in the manufacture of boots, shoes, and other like coverings for the feet."—A communication to him from abroad by Alexandre Leverd, of Paris, France.

444. To Henry John Pickard, of Keyworth, in the county of Nottingham, Saddler and Harness Maker, and Cottager, for the invention of "an improved machine for clearing, sweeping, and removing the refuse from highways, streets, and roads, or ways, applicable also for removing the leaves of cut grass and other refuse from lawns, and other grass lands and walks."

445. To Henry Clifton Cleaver, of the town and county of the town of Nottingham, Master Mariner, and Joseph Cleaver, of the same place, for the invention of "a fog or other signal for the prevention of collisions at sea, or on rivers, or canals, or on land."

446. To Charles Octavius Staunton, of 3, Paulton-square, Chelsea, in the county of Middlesex, Gentleman, for the invention of "improvements in apparatus for lifting and tilting casks containing liquids."

447. 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 apparatus for distilling petroleum and other volatile liquids, and for making gas."—A communication to him from abroad by George Hughes Sinclair Duffus, of the city and State of New York, United States of America.

448. To John Fulleck Hearsey, of Park-place, Church-street, Brompton, in the county of Middlesex, Gentleman, for the invention of "improved apparatus for measuring the specific gravity of liquids."—A communication to him from abroad by Edward Payne, of Montreal, Canada.

449. To François Alexandre Laurent, John Casthelaz, and Nicolas Basset, Chemists, all of Rue Ste. Croix de la Bretonnerie, Paris, Empire of France, for the invention of "improvements in the manufacture of oxalic acid."

450. To Joseph Thompson, of Manor House, No. 124, Camberwell-road, in the county of Surrey, for the invention of "improvements in safes."

451. And to Richard Smith, of Cumming-street North, Pentonville, in the county of Middlesex, for the invention of "improvements in treating sewage, and in arranging apparatus in sewers and culverts to facilitate the ventilation of such structures."

On their several petitions, recorded in the Office of the Commissioners on the 16th day of February, 1865.

452. To Richard Hill and Robert Tushingham, of Garston, in the county of Lancaster, Brick Manufacturers and Copartners, for the invention of "an improved preparation or treatment of clay for the manufacture of bricks."

454. To Coleman Defries, of the firm of Jonas Defries and Sons, of Houndsditch, in the city of London, Manufacturer, for the invention of "an improved means of securing the safety of railway passengers."

455. To John Brown, of Sheffield, in the county of York, Iron and Steel Manufacturer, for the invention of "improvements in armour plates for vessels of war, and for other similar purposes."

456. To John Osborne Christian, F.C.S., of Manchester, in the county of Lancaster, Chemist, John Charlton and Henry Charlton, of Strangeways, in the same county, Finishers, for the invention of "certain improvements in the manufacture of magnesium and its compounds."

460. And to Charles Frederick Claus, of Fearnhead, near Warrington, in the county of Lancaster, for the invention of "improvements in obtaining sulphates and carbonates of potash and soda."

On their several petitions, recorded in the Office of the Commissioners on the 17th day of February, 1865.

465. To Christopher Brakell, William Hoehl, and William Günther, of the North Moor Foundry Company, Oldham, in the county of Lancaster, for the invention of "an improved composition as a substitute for leather or other similar materials."

466. To Thomas Ogden, of Cliff Mound, Higher Broughton, near Manchester, in the county of Lancaster, Spinner and Manufacturer, for the invention of "certain improvements in mechanism or apparatus for lubricating the cylinders of 'slashing' and 'taping' machines, such machinery being employed in the sizing of cotton and other yarns."

467. To Richard Archibald Brooman, of 166, Fleet-street, in the city of London, for the invention of "improvements in filters."—A communication to him from abroad by Gabriel Planche, of Paris, France.

468. To James Grafton Jones, of Blaina Iron Works, near Newport, Monmouth, for the invention of "improvements in beam engines."

470. To William Robinson, of No. 52, Watling-street, in the city of London, for the invention of "improvements in the manufacture of iron, and in articles made thereof."

472. And to Leicester William Glen Rowe, of No. 8, Henrietta-street, Brunswick-square, and Adolphe Baab, of No. 167, Hampstead-road, both in the county of Middlesex, for the invention of "new or improved indicating apparatus for the protection of railway passengers, buildings, rooms, safes, and other objects."

On their several petitions, recorded in the Office