

of the Commissioners on the 19th day of August, 1872.

2473. To Robert Stone, of Liverpool, in the county of Lancaster, for the invention of "an improved concrete for surfacing or laying roadways, footways, and other similar large surfaces."

On his petition, recorded in the Office of the Commissioners on the 20th day of August, 1872.

2483. To Bristow Hunt, of No. 1, Serle-street, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for the invention of "an improved physiological or 'button' battery."—A communication to him from abroad by Alfred Charles Garratt, of Boston, Massachusetts, United States of America.

On his petition, recorded in the Office of the Commissioners on the 21st day of August, 1872.

2491. To Charles Félix Sebille, of Paris, Department of the Seine, in the Republic of France, Manufacturer, for the invention of "improvements in the composition known as schisto-asphaltic and bituminous-beton, and novel applications thereof, together with improved machinery or apparatus in connection therewith."

2495. To John Winskill, of the firm of John Winskill and Sons, of Settle, in the county of York, Builder, for the invention of "a new or improved construction of lime kiln."

2497. To John Roper Wright, of 2, Nelson-place, Glossop-road, Sheffield, in the county of York, Engineer, and Andrew Alexander, of 2, Salehill, Broomhill, Sheffield aforesaid, Engineer, for the invention of "improvements in the treatment of iron and manufacture of steel."

2499. To Joshua Thornton, of Cleckheaton, in the county of York, Machine Maker, for the invention of "improvements in utilizing borings, turnings, filings, planings, and other particles of iron."

2501. And to John Edwards, of Cassland-crescent, South Hackney, in the county of Middlesex, for the invention of "improvements in signal alarms for railway trains."

On their several petitions recorded in the Office of the Commissioners on the 22nd day of August, 1872.

2503. To John Morgan, of Saint Stephens Green North, Dublin, Ireland, M.D., F.R.C.S.I., Professor of Surgical Anatomy R.C.S.I., and Surgeon to Mercers Hospital, for the invention of "an inhaler for medical purposes."

2505. To Charles Blackmore, of Guildford-street, in the county of Middlesex, Designer and Decorator, for the invention of "improvements in ornamenting surfaces."

2507. To John Clay, of Yardley, in the county of Worcester, Saddler, for the invention of "improvements in saddles."

2511. To William Carwood, of Queen-street, Finsbury, in the county of Middlesex, Engineer, for the invention of "improvements in presses for letter press printing."

2513. And to Robert Warry, of Devonport, in the county of Devon, Armourer Sergeant, for the invention of "improvements in the construction of portable cooking stoves."

On their several petitions, recorded in the Office of the Commissioners on the 23rd day of August, 1872.

2515. To Rupert Goodall, of Armley, in the borough of Leeds, in the county of York, Machinery Agent, for the invention of "an improved means or method of, and apparatus for clarifying impure or waste water from full-

ing mills, scouring mills, or scouring processes, dyehouses, sewage, and other impure waters."

2521. And to Charles Bartholomew, of Broxholme, Doncaster, in the county of York, Civil Engineer, for the invention of "improvements in machinery for cutting coal."

On both their petitions, recorded in the Office of the Commissioners on the 24th day of August, 1872.

2523. To John Field, of the firm of Field and Westwood, of Oldbury, in the county of Worcester, File and Light Horticultural and Agricultural Implement Manufacturers, for the invention of "certain improvements in field and garden hoes and other like implements."

2525. To Johann Maximilian Plessner, of Berlin, in the Kingdom of Prussia, at present residing at 11, Golden-square, in the county of Middlesex, late Captain in the Prussian Army, for the invention of "improvements in obtaining and applying motive power, and in apparatus to be employed for the same."

2527. To Christopher Frickinger, of Berlin, in the Kingdom of Prussia, Engineer, for the invention of "improvements in the manufacture of malleable iron and in the furnaces employed therein."

2529. To Hector Auguste Dufrené, of No. 10, Rue de la Fidélité, Paris, in the Republic of France, and 4, South-street, Finsbury, London, Civil Engineer and Patent Agent, for the invention of "an improved mode of preserving fruit."—A communication from Monsieur Frederic Sacc, a person resident at Neuchatel, Switzerland.

2531. To Thomas Skelton Harrison, of Philadelphia, State of Pennsylvania, United States of America, and temporarily of Albemarle-street, in the county of Middlesex, for the invention of "an improved attachment for sewing machines."

2533. To Sir Andrew Fairbairn, Knight, Thomas Stuart Kennedy, and John William Naylor, all of the Wellington Foundry, in Leeds, in the county of York, Machine Makers, for the invention of "a machine to draw out and straighten the fibres of silk, flax, hemp, jute, or other fibrous substances."

2539. And to George Freeman Newton, of Northampton, in the county of Northampton, Currier and Leather Merchant, for the invention of "an improved machine for burnishing, rolling, and setting leather."

On their several petitions, recorded in the Office of the Commissioners on the 26th day of August, 1872.

2541. To John Sanders Stevens, of 69, Princes-street, Leicester-square, in the county of Middlesex, for the invention of "improvements in window sash fasteners."

2543. To James Stone, of Drayton, in the county of Somerset, Gentleman, for the invention of "a new or improved apparatus for warming bed and other rooms, also applicable for warming or heating churches, conservatories, greenhouses, or other buildings or rooms requiring warming or heating."

2545. To Campbell Morfit, of Baltimore, State of Maryland, United States of America, Chemist, but at present of 35, Southampton-buildings, in the county of Middlesex, for the invention of "improvements in vats or vessels for the various chemical and manufacturing operations which involve the use of acids."

2547. To Henry Highton, M.A., of Putney, in the county of Surrey, for the invention of "improvements in submarine and other cables for the conveyance of electricity."