404. To François Testuz, of Villette, Canton de Vaud, Switzerland, but temporarily of 4, Southstreet, Finsbury, London, Watchmaker, for the invention of "an improved brake applicable to locomotives, railway and other vehicles.

406. To Edward Moore, of Tewkesbury, in the county of Gloucester, for the invention of improvements in the manufacture of surgical

bandages."

407. To Henry Alfred Jowett, of Sawley, in the. county of Derby, Civil Engineer, for the invention of "improvements in securing or fixing rails for the construction of the permanent way of railways."

408. And to Henri Newmane, Gentleman, of Hortulau-villa, Shrewsbury, in the county of Salop, for the invention of "a new medicinal compound pill for diseases of the liver."

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

February, 1864.

415. To Jules Robert Hofmann, of 10, Cranbourn-street, Leicester-square, in the county of Middlesex, Gentleman, for the invention of "improved apparatus to release instantly any vehicle when the horses run away."

416. To Charles Field, of No. 12, Talbot-terrace, Clarendon-road, Notting-hill, in the county of Middlesex, Stay Maker, for the invention of "an improved method of manufacturing ladies

stays."

417. To Emile Watteen, of the Vulcan Works, Middlesborough-on-Tees, in the county of York, Engineer, for the invention of "improvements in machinery for making railway spikes, rivets, bolt-blanks, and other similar articles." communication to him from abroad by Charles Ryan, of Hamilton, Canada West.

418. To Laurent Stanislas Naudin, of 27, Rue de la Savonnerie, Rouen, in the Empire of France, Scale Manufacturer, for the invention of "improvements in the preparation and composition of a substance for soldering silver or other

metals.

419. To John Travis, of Luzley Brook, in the township of Royton, in the county of Lancaster, Gentleman, for the invention of "an improved method of preventing and curing corrosion and preserving the metal in steam boilers, steam generators, and fuel economizers.

420. To Robert Charles Ransome, Robert James Ransome, and James Edward Ransome, all of Ipswich, in the county of Suffolk, for the invention of "improvements in the manufacture of beams, mould boards, and shares of ploughs."

421. To Augustus Applegath, of Dartford, in the county of Kent, for the invention of "im-

provements in printing machines."

422. To James Wright Harold, of No. 5, Albionplace, Upper Kennington-lane, Vauxhall, in the county of Surrey, for the invention of "improvements in apparatus for stretching or altering hats."

423. To William Hickling, of the town and county of the town of Nottingham, Lace Maker, for the invention of "improvements in bobbin net

and twist lace machines."

424. To François Marie Aubert de Trégomain, of 29, Boulevart St. Martin, Paris, and Stamford-street, in the county of Surrey, Gentleman, for the invention of "improvements in rendering fire wood and other materials more combustible, and also impervious to air and moisture."

425. To_Ellis Butterworth, of Calder Cottage, near Rochdale, in the county of Lancaster, Machinist, for the invention of "improvements

in gins for ginning cotton."

426. To John Beal Jude, of Wateringbury, near Maidstone, in the county of Kent, Brewer, for the invention of "improvements in cask cleansing machines or apparatus."

427. And to James Walter Browne, of the city and State of New York, United States of America, for the invention of "improved means for excluding dust, wind, and moisture from windows, doors, and other parts of buildings.'

On their several petitions, recorded in the Office of the Commissioners on the 18th day of Feb-

ruary, 1864.

429. To Edward James Leonard, of No. 85. Stainsby-road, in the parish of Poplar, and county of Middlesex, Civil Engineer and Engineer of the East and West India Docks, for the invention of "an improved apparatus for raising, lowering, or hauling weights, and for loading, discharging, or steering ships and other

like purposes.'

30. To George Hardesty Johnson, of New York City, in the county of New York, and State of New York, in the United States of America, for the invention of "a new method of constructing light house towers, shot towers, chimneys, blast furnaces, cupola furnaces, conduits, monuments, and columns, grain buildings, and buildings for storing crude and refined oils."

431. To John James Chidley, Gentleman, of No. 11, Glaskin-street, Hackney, London, for the invention of "an improved method of stoppering or rendering air tight bottles and jars."

- 432. To Frederic John Arnold, of No. 3, Adamscourt, Old Broad-street, in the city of London, for the invention of "improvements in apparatus for producing and burning combustible gases for heating and lighting purposes."—A communication to him from abroad by Thomas Arnold, residing at New York, in the United States of America.
- 433. To Theophilus Jackson, of Manchester, in the county of Lancaster, Manufacturer, for the invention of "certain improvements in the manufacture of coiled or helical springs."-A communication to him from abroad by Thomas James Sloan, of Paris, in the Empire of France, Engineer.

434. To Wright Jones, of Ramsey, Isle of Man, Engineer, for the invention of "certain improvements in governors or regulators for steam

engines."

435. To Robert Scrivener, of Hanley, in the county of Stafford, Engineer, for the invention of "improvements in the preparation of clay and other plastic materials used for manufacturing purposes and in drying articles manufactured from the same."

To William Charles Page, of Millwall, Poplar, in the county of Middlesex, Engine Driver, for the invention of "an improved composition for coating ship's bottoms."

437. And to William Hale, of No. 6, John-street, Adelphi, in the county of Middlesex, Civil Engineer, for the invention of "improvements in

On their several petitions, recorded in the Office of the Commissioners on the 19th day of February, 1864.

38. To John Haworth, of the city of Manchester, Gentleman, for the invention of "improvements in the construction and protection of the permanent way of railways.2

On his petition, recorded in the Office of the Commissioners on the 20th day of February, 1864.