stances." — A communication to him from abroad by Ernest Bazin, of Paris, in the Em-

pire of France, Civil Engineer.

1427. To James Tombs, of Birmingham, in the county of Warwick, Manufacturer, for the invention of "improvements in the manufacture of metallic bedsteads and other articles of like manufacture.'

1428. To Adolphe Casse, of the firm of Jean Casse et Fils, of the city of Lille, in the French Empire, Manufacturers, for the invention of "improvements in manufacturing textile fabrics."

1429. To William Gadd, of Stratford-square, Nottingham, and John Moore, of Manchester, for the invention of "improvements in looms

for weaving."
1430. To James Livesey, of 10, Park-street,
Westminster, Engineer, for the invention of "improvements in treating cast iron."—A communication to him from abroad by Thomas Blair, a person resident at Pittsburg, Pennsylvania, United States of America.

1431. To John Macmillan Dunlop, of Manchester, Engineer, for the invention of "improvements

in machinery for cutting india rubber.'

1432. To Alexander Bewicke Blackburn, of 25, Hans-place, in the county of Middlesex, for the invention of "improvements in preparing lubricating compounds, and in lubricating the journals and bearings of machinery.

1433. To Alexander Crichton, of Cork, Ireland, Engineer, for the invention of "improvements in marine steam engines and surface con-

densers.'

- 1434. To James Templeton Wood, of the Inner Temple, Barrister-at-Law, for the invention of "improvements in compressing and packing cotton, wool, jute, and other similar bulky articles."
- 1435. And to Philip John Messent, of Tynemouth, in the county of Northumberland, Engineer, for the invention of "improvements in apparatus for mixing concrete and other materials."

On their several petitions, recorded in the Office of the Commissioners on the 21st day of May,

- 1436. To James McLintock, of Barnsley, in the county of York, Manufacturer, and John Jagger, of the same place, Linen Yarn Dresser, for the invention of "improvements in heddles or healds for weaving."
- 1440. 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 machinery or apparatus to be employed in dyeing yarns."-A communication to him from abroad by Albert Wever, of Barmen, in the Kingdom of Prussia.
- 1441. To Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, for the invention of "improvements in rotary steam engines." - A communication to him from abroad by Matthias Wharton Baldwin, of Philadelphia, Pennsylvania, in the United States of America.
- 1442. And to Joseph Jean Marçais, of Paris, in the Empire of France, Engineer, for the invention of "certain improvements in the treatment of slags, ores, and compounds of tin."

On their several petitions, recorded in the Office of the Commissioners on the 22nd day of May, 1866.

1443. To Isaac James, of Cheltenham, in the county of Gloucester, Agricultural Implement Manufacturer, for the invention of "an improved clod crusher."

1444. To William Rowan, of the firm of John Rowan and Sons, of Belfast, in the county of Antrim, Engineers, for the invention of "improvements in machinery for preparing and cleaning flax, tow, hemp, cotton, shoddy, and other materials employed in textile manufactures, and in the manufacture of paper."

1450. To John Longbottom, of Leeds, in the county of York, Engineer, and James Eastwood, of Blackburn, in the county of Lancaster, Engineer, for the invention of "improvements in the mode or method of applying heat in the drying and calendering of yarns, textile fabrics, and other materials, and in the heating and evaporating of liquids, and in the apparatus employed therein."

1451. To Sholto Douglas, of Blairgowrie, in the county of Perth, North Britain, for the invention of "improvements in motive power engines, and in the mode of applying water, steam, compressed air, and other liquids and gases for

driving the same."

1452. And to Thomas Greenwood, of Leeds, in the county of York, Machine Maker, for the invention of "improvements in machinery for dressing silk."

On their several petitions, recorded in the Office of the Commissioners on the 23rd day of May,

1453. To William Snell, of 16, Clement's Inn, in the city of Westminster, for the invention of "improvements in tobacco pipes."—A communication to him from abroad by Louis Goetsch, Manufacturer of Pipes, No 14, Grande Gallerie, Passage des Panoramas, Paris, France.

1455. To John Cunningham and Robert Cunningham, both of Paisley, in the county of Renfrew, North Britain, Manufacturers, for the invention of "improvements in weaving ornamental fabrics."

1457. And to Thomas Green, of Leeds, in the county of York, for the invention of "improvements in steam and other boilers."

On their several petitions, recorded in the Office of the Commissioners on the 24th day of May, 1866.

1461. To Wilhelm Heinrich Christian Voss, Engineer, of Hamburg, but now residing at Kroll's Hotel, St. John-street, Minories, in the county of Middlesex, for the invention of "improvements in rotary steam and hydraulic engines."

1463. To Thomas Blain, of Killyleigh, in the county of Down, Ireland, Flax Mill Mana-ager, for the invention of "improvements in

spinning frames."

1465. And to John William Hoffman, of Birmingham, in the county of Warwick, Gentleman, for the invention of "an improved hanging centre, or centre stop for doors, gates, swing sashes, blinds, and other similar uses."

On their several petitions, recorded in the Office of the Commissioners on the 25th day of May,

1866.

1471. To James Davenport Whelpley and Jacob Jones Storer, both of Boston, in the county of Suffolk, and State of Massachusetts, in the United States of America, for the invention of "improvemets in the use and application of fuel and of chemical re-agents to eliminate its impurities, or those of the substances it is to heat."