1369. To Thomas Perkins, of Hitchin, in the | county of Hertford, for the invention of "improvements in reaping and mowing machines."

1370. To William Edward Gedge, of the firm of John Gedge and Son, of No. 11, Wellingtonstreet, Strand, in the county of Middlesex, Patent Agent, for the invention of "an autodynamic carbonic acid gas apparatus for raising liquids and for the preservation of beer."-A communication to him from abroad by François Foussat, junior, of 37, Boulevard Bonne-Nouvelle, Paris, France, Brazier and Plumber.

1372. To Joseph Tall, of Falstaff-yard, in the borough of Southwark, Engineer, and Alfred Williams, of Great George-street, Westminster, Civil Engineer, for the invention of "an improved method of, and apparatus for, bending, curving, straightening, and flattening metallic sheets, plates, or bands, and also round, flat, square, angular, and other bars of iron or other metals.

1373. 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 railway carriage wheels."—A communication to him from abroad by Robert Beatson Hugunin and Alonzo Morris Hazen, both of Cleveland, in the State of Ohio, United States of America.

- 1374. 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 engines to be used as motors or as pumps for raising or forcing liquid or aeriform bodies."-A communication to him from abroad by John Benjamin Root, of the city and State of New York, United States of
- 1375. And to Alexander Căesar Frederick Franklin, of Abingdon-street, Westminster, Engineer, and Ernest Dubois, of Primrose-street, Bishopsgate, Engineer, both in the county of Middlesex, for the invention of "improvements in gas engines." On their several petitions, recorded in the Office of the Commissioners on the 4th day of May, 1869.

1376. To Thomas Sibley, of Ashton-under-Lyne, in the county of Lancaster, Machinist, for the invention of "improvements in velocipedes."

1377. To Daniel Adamson, of the Newton Moor Iron Works, near Hyde, in the county of Chester, Engineer, for the invention of "certain improvements in portable and other steam engines and boilers, and in apparatus employed in the construction thereof."

1378. To John Frederic Kent, of Thornton-heath, in the county of Surrey, for the invention of "an improved mortising, tenoning, and sawing

machine."

- 1379. To George Clark, of No. 9, Northumberland-street, Strand, in the county of Middlesex, for the invention of "improvements in cartridges, and appliances for their construction, manufacture, and use."
- 1380. To William MacKean, of Paisley, in the county of Renfrew, Scotland, for the invention of "improvements in the manufacture of cattle
- 1381. To Edward Howard Richmond, of 49, King William-street, in the city of London, for the invention of "improved apparatus and process for preserving fresh meat and other animal food, fish, poultry, and game, also ingredients, matters, or substances to be used in combination with the said apparatus."

1382. To Alexander Cocke, of 16, Water-lane, in the city of London, for the invention of "improvements in apparatus for ventilaling railway and other carriages, which improvements are also applicable to ventilating apartments and other places and to creating draft in chimnies.'

1383. To Henry Highton, M.A., of Sussex-square, Brighton, in the county of Sussex, Gentleman, for the invention of "improvements in making, hardening, and preserving artificial scone, and in preserving the surfaces of walls and other

1384. To Charles Moore, of Skety, near Swansea, in the county of Glamorgan, Commission Agent, for the invention of "an improved screw pro-

peller for ships."

1385, To Charles John Galloway and John Henry Beckwith, both of Manchester, in the county of Lancaster, for the invention of "improvements in slide valves and valve gear to piston valves for steam engines."

1386. To James Edwin Phillips, of Grantham, in the county of Lincoln, for the invention of "improvements in sewing machines and in tables for the same, parts of which improve-

ments are applicable to other machinery. 1387. To Robert Henry Ray, of Walden Hall, Saffron Walden, in the county of Essex, Gentleman, for the invention of "improvements in the construction and arrangements of reaping and mowing machines."

1388. And to Thomas Welton, of 13, Graftonstreet. Fitzroy-square, in the county of Middlesex, Maker of Artificial Limbs, for the invention of "a new method of applying oxygenated and other gas charged charcoal for curative and other purposes."

On their several petitions, recorded in the Office of the Commissioners on the 5th day of May,

1390. To Henry Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "improved apparatus for enlarging and reducing basso-relievos, plans, or drawings and writings."-A communication to him from abroad by Edmond Stanislas Leroy, of Paris, in the Empire of France.

1392. To James Tolson, of Dalton, near Huddersfield, in the county of York, Manufacturer, for the invention of "an improvement in or applicable to certain apparatus employed for cleaning the cards of carding engines or machines having cylinders or rollers clothed

with cards."

1394. To Isaac Battinson, George Battinson, Commission Wool Combers, and Thomas Whitehead, Overlooker, all of Halitax, in the county of York, for the invention of "improvements in machinery for combing wool and other fibres."

1896. To William Galloway, of Craigie in the county of Ayr, North Britain, for the invention of "improvement in apparatus for communicating between passengers, enginemen, and guards in railway trains.

1398. To George Kent, of No. 199, High Holborn, in the county of Middle-ex, for the invention of "an improved refrigerator." -A communication to him from abroad by Milton Alexander Hamilton, of Detroit, Mic..igan, United States of America.

1400. And to George Tomlinson Bousfield, of Loughborough Park, Brixton, in the county of Surrey, for the invention of "improvements in suspenders or braces."-A communication to