

1265. To Ralph Bourne, of Hilderstone Hall, in the county of Stafford, for the invention of "improvements in the construction and propulsion of floating bodies for the purpose of navigation."—Partly a communication to him from abroad by James Campell, of Calcutta, and partly invented and discovered by him.

1273. And to Henry Ogilvie Bennett, of Edinburgh, in the county of Mid-Lothian, North Britain, for the invention of "an improved system of applying steam or other motive power for the traction of implements or wheeled carriages for the cultivation of land."

On both their petitions, recorded in the Office of the Commissioners on the 11th day of May, 1871.

1383. To Sir William Mitchell, Knight, of 54, Gracechurch-street, London, and John Joseph Mayo, Esq., of Benhilton, Sutton, Surrey, for the invention of "improvements in signal apparatus for giving flashes of light of different colors."

On their petition, recorded in the Office of the Commissioners on the 23rd day of May, 1871.

1402. To John Meiklejon, of Westfield Iron Works, Dalkeith, in the county of Midlothian, Scotland, for the invention of "new or improved machinery and appliances to be used in hoisting, removing, dividing, and hanging on hooks, taking off these hooks again, and loading carcasses and other bodies in abattoirs, carcass and meat markets, and other places."

On his petition, recorded in the Office of the Commissioners on the 24th day of May, 1871.

1417. To Alfred Atkinson Pollock and Julius Frederick Moore Pollock, both of Leeds, in the county of York, for the invention of "improvements in dry closets and commodes."

On their petition, recorded in the Office of the Commissioners on the 26th day of May, 1871.

1451. To Alexander Bonar Fleming, George Vair Turnbull, Christian Salvesen, Merchants, Robert Irvine, Chemist, and Robert Craig MacLagan, Doctor of Medicine, all of Leith, in the county of Midlothian, North Britain, for the invention of "improvements in the manufacture or preparation of lubricants or softeners and the application of the same to the treatment of wool."

On their petition, recorded in the Office of the Commissioners on the 31st day of May, 1871.

1465. To Thomas English, of No. 2, Chancery-villas, West Dulwich, in the county of Surrey, and George Wilson, of Banner Cross, Sheffield, in the county of York, for the invention of "improvements in bending armour plates, and in apparatus employed for that purpose."

On their petition, recorded in the Office of the Commissioners on the 1st day of June, 1871.

1481. To Edward Clarke and John Hughes, both of Ponkey, in the county of Denbigh, for the invention of "improvements in safety apparatus to be connected with cages for mines and shafts."

1483. And to William Seed, of Preston, in the county of Lancaster, Cotton Spinner, for the invention of "improvements in machinery or apparatus for spinning and doubling cotton and other fibrous substances."

On both their petitions, recorded in the Office of the Commissioners on the 3rd day of June, 1871.

1488. To Joseph Emerson Dowson and Alfred Dowson, of 3, Great Queen-street, in the city of Westminster, Civil Engineers, for the in-

vention of "improvements in tramways and light permanent way of railways."

1495. And to Charles Sholl, of Liverpool, in the county of Lancaster, for the invention of "improvements in compressed air hammers."

On both their petitions, recorded in the Office of the Commissioners on the 5th day of June, 1871.

1498. To Alexander Bewicke Blackburn, of York-buildings, Adelphi, in the county of Middlesex, for the invention of "improvements in pens."

On his petition, recorded in the Office of the Commissioners on the 6th day of June, 1871.

1511. To Henry Wilde, of Manchester, in the county of Lancaster, Engineer, for the invention of "improvements in the manufacture of boiler tubes, and in apparatus employed therein, partly applicable to other purposes."

1517. To William Pollock, of Milton Works, Jamestown, in the county of Dumbarton, North Britain, Manager, and Arthur Pollock, of Dillichip Works, Bonhill, in the same county, Manager, for the invention of "improvements in preparing and mordanting Turkey-red cloth and yarn."

1520. And to William Robert Lake, of the firm of Haseltine, Lake, and Co., Patent Agents, Southampton-buildings, London, for the invention of "an improved device for binding and securing papers and other articles."—A communication to him from abroad by Elisha Dyer, of Providence, Rhode Island, United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 8th day of June, 1871.

1527. To William Clarke, of Coventry, in the county of Warwick, Manufacturer, for the invention of "an improvement in shoemakers' pincers."—A communication to him from abroad by Alfred Clarke, of Philadelphia, United States of America.

1530. To William Poupard, of the Blackfriars-road, and James Thomson, of the Old Kent-road, both in the county of Surrey, for the invention of "improved means of ventilating buildings, tunnels, passages, and places."

1531. And to Charles Crockford, of Holywell, in the county of Flint, for the invention of "improvements in the production of the alkalies and their salts."

On their several petitions, recorded in the Office of the Commissioners on the 9th day of June, 1871.

1535. To William Alexander Lyttle, of the Grove, Hammersmith, in the county of Middlesex, Engineer, for the invention of "improvements in voltaic batteries."

1537. To John Davey, of Croft-hole, in the county of Cornwall, for the invention of "an improved double-furrow turn-wrest plough."

1539. And to Richard Olpherts, of Ardee House, Ardee, in the county of Louth, Ireland, for the invention of "improvements in presses for pressing indigo or other substances, and improved cutting devices to be used in connection therewith."

On their several petitions, recorded in the Office of the Commissioners on the 10th day of June, 1871.

1549. To George Wright, of 162, Westminster Bridge-road, in the county of Surrey, Upholsterer, for the invention of "improvements in billiard tables, applicable also to other tables or surfaces requiring adjustment."