

the oxidation or corrosion of iron exposed to water or dampness."—A communication to him from abroad by Cornelius Godfrey, of Dix Hills, in the State of New York, United States of America.

On his petition, recorded in the Office of the Commissioners on the 11th day of September, 1871.

2409. To Robert William Thomson, of Edinburgh, in the county of Mid Lothian, North Britain, Civil Engineer, for the invention of "an improved arrangement for guiding road steamers or common road locomotives on street tramways."

2410. To Arthur St. George Cuff, of Bury-street, Saint Mary Axe, in the city of London, for the invention of "improvements in mechanical arrangements applicable to looking-glasses and other articles of furniture."

2411. To Hugh Colquhoun Bell, of Edinburgh, in the county of Mid Lothian, North Britain, for the invention of "improvements in securing or fastening the rails of tramways to sleepers."

2412. And to Charles Frederick Clark, of the firm of Thomas and Charles Clark and Company, of Wolverhampton, in the county of Stafford, Iron Founders, for the invention of "improvements in box and charcoal smoothing irons."

On their several petitions, recorded in the Office of the Commissioners on the 13th day of September, 1871.

2414. To Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "improvements in spinning machines."—A communication to him from abroad by Samuel M. Williams, Henry Marvin Williams, and Daniel A. Douglas, all of the city of Coldwater, county of Branch, and State of Michigan, United States of America.

2415. To Brierley Denham Healey, of Swansea, in the county of Glamorganshire, for the invention of "improvements in casting pits and cranes therefor."

2416. To Charles Denton Abel, of No. 20, Southampton-buildings, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "improvements in screw propellers."—A communication to him from abroad by Adolphe Aubert, of Rue du Chateau, No. 22, Neuilly, France, Civil Engineer.

2417. To William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for the invention of "improvements in stuffing boxes and packing therefor, chiefly designed for the piston-rods of steam-engines."—A communication to him from abroad by Edwin Webster Brown, of Boston, Massachusetts, United States of America.

2418. To Josiah Latimer Clark, of 5, Westminster-chambers, Victoria-street, and John Muirhead, junior, of 159, Crescent, Camden-road, both in the county of Middlesex, for the invention of "improvements in telegraph instruments."

2420. To George Webb, of No. 2, Charterhouse-buildings, Goswell-road, in the county of Middlesex, for the invention of "improvements in apparatus for excavating below water."

2424. To James Howard, of Bedford, in the county of Bedford, Agricultural Engineer, for the invention of "improvements in ploughs."

2425. And 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 furnaces or fire-

places and boilers for the generation of steam."

—A communication to him from abroad by John Martin, of Melbourne, Australia.

On their several petitions recorded in the Office of the Commissioners on the 14th day of September, 1871.

2427. To James Platt, of the firm of Fielding and Platt, of the city and county of Gloucester, Engineer, for the invention of "improvements in vessels known as distilling columns or stills, for treating beet and other roots and vegetable bodies."

2428. To William Henry Westo and Miguel Pinder, both of Walworth, in the county of Surrey, for the invention of "improvements in, or connected with, overflow or waste pipes for water cisterns."

2432. To Daniel Fryer, of 18, Carlton-square, Old Kent-road, and Robert Steers, of 42, Camberwell Park, both in the county of Surrey, for the invention of "improvements in portable or hand vice, applicable also to screw wrenches, spanners, nippers, and other similar articles."

2433. To John George Sowerby, of Gateshead-on-Tyne, in the county of Durham, for the invention of "an improved process of ornamenting pressed glass, and improved apparatus in connection therewith."

2434. To Thomas Sampson, of Providence, Rhode Island, in the United States of America, but at present residing at Birmingham, in the county of Warwick, Manufacturer, for the invention of "improvements in apparatus for piece dyeing, or dyeing woollen and other fabrics in the piece."

2436. And to George Westinghouse, Junior, of Pittsburg, Pennsylvania, United States of America, but at present of No. 20, Southampton-buildings, Chancery-lane, in the county of Middlesex, for the invention of "improvements in apparatus or machinery for working brakes on the rolling stock of railways."

On their several petitions, recorded in the Office of the Commissioners, on the 15th day of September, 1871.

2440. To George Temple Chapman, of the city and State of New York, United States of America, now of No. 8, Southampton-buildings, London, Gentleman, for the invention of "an improved process for forming a hard, protective, or ornamental covering of india-rubber or gutta-percha upon the surface of metal, wood, clay, and other materials."

2442. To John Wilde and Henry Sinclair, both of Liverpool, in the county of Lancaster, for the invention of "an improved level and angle indicator."

2443. To Charles Naylor, of Liverpool, in the county of Lancaster, for the invention of "improvements in commodes or closets for sanitary purposes."

2444. To James Gowans, of Edinburgh, in the county of Mid Lothian, North Britain, for the invention of "improvements in tramways."

2445. To John Murdoch, of Dundee, in the county of Forfar, North Britain, for the invention of "improvements in apparatus for washing and boiling clothes, fabrics, and yarns, and in part applicable for mixing and for churning."

2446. To David Bruce Peebles, of the Fountain-bridge Works, Edinburgh, in the county of Mid Lothian, North Britain, Engineer, for the invention of "improvements in gas regulators."

2450. To William Henry Mastland, of Thurloe-square, in the county of Middlesex, for the invention of "improvements in coating iron