

chines for combing cotton and other fibrous materials."

3476. And to Archibald Turner, of Leicester, in the county of Leicester, Elastic Web Manufacturer, for the invention of "improvements applicable to boots."

On their several petitions, recorded in the Office of the Commissioners on the 6th day of October, 1875.

3477. To James Jackson Arrowsmith and Hugh Ferguson, of Liverpool, in the county of Lancaster, for the invention of "improvements in plugs or stoppers for tubes."

3478. To George Alexander Laws, of Tynemouth, in the county of Northumberland, Ship Owner and Manager, formerly a Captain in the Mercantile Marine, for the invention of "improved means or apparatus for covering rents or holes in vessels at sea."

3479. To Richard Davison, of Ballymena, in the county of Antrim, for the invention of "improved machinery or apparatus for breaking or treating flax and similar textile materials."

3480. To Edward Bacon, junior, of Somerleyton-road, Brixton, in the county of Surrey, for the invention of "improved arrangements for exhibiting to the public view advertisements and photographic views, portraits or pictures, either photographed, printed, lithographed, or engraved or otherwise produced on opaque substances, and for decorating the fronts of buildings thereby."

3482. To Richard Hornsby, James Edwin Phillips, John Innocent, and George Thomas Rutter, all of the Spittlegate Iron Works, Grantham, in the county of Lincoln, for the invention of "improvements in reaping and mowing machines."

3483. To John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for the invention of "improvements in machinery or apparatus for printing textile fabrics and other fabrics or articles, and in means employed in connection therewith."—A communication to him from abroad by Albert-Aune François le Tellier and Louis Désiré Verstraet, of Paris, in the Republic of France.

3484. To George Chapman, of Queen's-buildings, Queen Victoria-street, in the city of London, for the invention of "improvements in the manufacture of lubricating oil or compounds, and in the processes employed therein."—A communication to him from abroad by Charles H. Green, of New York, United States of America.

3485. To William Owen Aves, of St. Paul's-crescent, Camden Town, in the county of Middlesex, Manufacturer, for the invention of "improvements in bicycles and wheels therefor, such wheels being applicable to carriages and other vehicles."

3486. And to Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "improvements in coating or covering metals for preventing their oxidation or corrosion."—A communication to him from abroad by Edouard Victor Delarouzée, of Paris, France.

On their several petitions, recorded in the Office of the Commissioners on the 7th day of October, 1875.

3488. To William Simons and Andrew Brown, both of the town and county of Renfrew, North Britain, Engineers and Ship Builders, for the invention of "improvements in dredgers."

3489. To Richard Jackson, of Lancaster, in the county of Lancaster, Cotton Spinner, and William Winders, of the same place, Mill Manager, for the invention of "improvements in the construction of machinery or apparatus used in the preparation of cotton and other fibrous materials."

3490. To John Parkes Lakin, of Birmingham, in the county of Warwick, for the invention of "an improved dry slide for gas fittings."

3491. To Yousouf Heronimos, of the city of Manchester, in the county of Lancaster, for the invention of "an improved system or mode of raising sunken ships or vessels."

3492. To John Peel, of Godwin-street, Bradford, in the county of York, Brush Manufacturer, for the invention of "improvements in securing handles to brush or broom heads."

3493. To Robert Purdy Tickle, of 29, Sherborne-street, Blandford-square, in the county of Middlesex, for the invention of "improvements in apparatus or furniture to be used in locking pages in chases for printing purposes."

3494. To Newton John Suckling, of the city of Aberdeen, North Britain, Engineer; for the invention of "improvements in steam generators."

3495. To Charles Wilson, of Glendouran House, Cheltenham, in the county of Gloucester, for the invention of "improvements in excavating machines."—A communication to him from abroad by Peter J. Stryker, of New Brunswick, in the United States of America.

3496. To Alfred Savage, of Southwark, in the county of Surrey, Hatter, for the invention of "a new or improved adjustable boot last."

3498. To William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for the invention of "an improved mode of and apparatus for utilizing compressed air for obtaining motive power."—A communication to him from abroad by Louis Mekarski, of Paris, France, Architect.

3501. To William Robert Lake, of firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for the invention of "improvements in motor apparatus for omnibuses and other carriages, for steam vessels, and for other like purposes."—A communication to him from abroad by Jérôme Wenmaekers, of Brussels, Belgium.

3502. To Aimé Méhu, of St. Malo, Ille et Vilaine, France, for the invention of "an improved sail hank."

3503. And to Daniel Doull, of No. 17, Barkham-terrace, Lambeth, in the county of Surrey, Engineer, for the invention of "an improved apparatus for feeding steam boilers with water and measuring the water supplied."

On their several petitions, recorded in the Office of the Commissioners on the 8th day of October, 1875.

3504. To William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for the invention of "an improved combustible composition for warming railway carriages, and for other like purposes."—A communication to him from abroad by Jean Baptiste David Cassinelli, of Paris, France.

3505. To George Asher, of Balsall Heath, in the county of Worcester, Designer and Modeller, for the invention of "improvements in charcoal box-irons."

3506. To Edouard de Lagillardaie, of Lorient (France), Merchant, for the invention of "improvements in breeding or cultivating oysters."