

431. And Estève Deville, of Rue Blanche, No. 95, Paris, in the Empire of France, Proprietor, has given the like notice in respect of the invention of "improvements in floating or life preserving coats or garments."—A communication to him by Jean Louis Vergniais, a person resident at No. 23, Rue Neuve, St. Catherine, Paris, Civil Engineer.

As set forth in his petition, recorded in the said office on the 17th day of February, 1863.

442. And John Frederick Spencer, of Newcastle-upon-Tyne, Consulting Engineer, has given the like notice in respect of the invention of "improvements in apparatus for regulating and working the valves of steam and other engines."

443. And John Henry Bly, of Great Yarmouth, in the county of Norfolk, Ironmonger, has given the like notice in respect of the invention of "improvements in cooking stoves."

448. And George Tomlinson Bousfield, of Loughborough-park, Brixton, in the county of Surrey, has given the like notice in respect of the invention of "improvements in the manufacture of boots and shoes, and in preparing india rubber for such and other uses."—A communication to him from abroad by Daniel Hayward, a person resident at Boston, in the United States of America.

449. And Josiah Puntis, of Above Bar, Southampton, in the county of Hants, and George Cox, of Throgmorton-street, in the city of London, have given the like notice in respect of the invention of "improved appliances for displaying, in the open air or in doors, illuminated designs, devices, mottoes, or announcements, and in which jets of gas are employed as the illuminating agent."

As set forth in their respective petitions, all recorded in the said office on the 18th day of February, 1863.

461. And William Marsden, of 49, Old Bailey, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in buttons and other similar fastenings, and in the modes of attaching or securing the same."

463. And John Bentley, Manufacturer, and Hugh Booth, Overlooker, both of Pilkington, in the county of Lancaster, have given the like notice in respect of the invention of "improvements in looms for weaving."

466. And Richard Bell, of Gracechurch-street, in the city of London, Architect, has given the like notice in respect of the invention of "improvements in armour plating or protecting ships and vessels."

As set forth in their respective petitions, all recorded in the said office on the 20th day of February, 1863.

474. And François Jules Manceaux, of Paris, in the Empire of France, Gun Manufacturer, has given the like notice in respect of the invention of "improvements in fire arms, or in transforming arms of large calibre into arms of smaller calibre."

477. And Alfred Henry Rémond, of No. 4, Moorgate-street, in the city of London, has given the like notice in respect of the invention of "improvements in preserving provisions, and in the apparatus employed for such purpose."

As set forth in their respective petitions, both recorded in the said office on the 21st day of February, 1863.

488. And Richard Archibald Brooman, of 166, Fleet-street, in the city of London, Patent

Agent, has given the like notice in respect of the invention of "improvements in dressing millstones, in ornamenting or engraving on glass, pottery, and other similar substances, and in materials employed therein."—A communication to him from abroad by Cyprien Marie Tessié du Motay and Charles Raphael Maréchal, both of Metz, France.

493. And Thomas Dickins, Albert Lungley Dickins, and Harvey Heywood, of Middleton, in the county of Lancaster, Dyers and Printers, have given the like notice in respect of the invention of "improvements in ornamenting plush and other such textile fabrics."

494. And John Tatham, of Rochdale, in the county of Lancaster, Machine Maker, has given the like notice in respect of the invention of "improvements in machinery or apparatus for preparing cotton and other fibrous materials for spinning."

As set forth in their respective petitions, all recorded in the said office on the 23rd day of February, 1863.

510. And August Jünger, of Hamburg, Tailor, has given the like notice in respect of the invention of "an improved life preserving garment."

As set forth in his petition, recorded in the said office on the 24th day of February, 1863.

520. And Joseph Fitter, of Birmingham, in the county of Warwick, Machinist, has given the like notice in respect of the invention of "an improvement or improvements in the construction of castors for tables, chairs, and other furniture or other articles."

525. And Joseph Gailey, of Princes-street, Chelsea, in the county of Middlesex, Joiner, has given the like notice in respect of the invention of "improvements in apparatus for the purpose of supplying air for mixture with gases and other aeriform fluids."

531. And Nathan Thompson, of Abbey Gardens, St. John's-wood, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in machinery for sawing wood."

As set forth in their respective petitions, all recorded in the said office on the 25th day of February, 1863.

539. And William Ashley Wilson, of Liverpool, in the county of Lancaster, Engineer, and James Smith, also of Liverpool, in the county of Lancaster aforesaid, Baker, have given the like notice in respect of the invention of "improvements in furnace fire-grates."

As set forth in their petition, recorded in the said office on the 26th day of February, 1863.

611. And William Clark, of 53, Chancery-lane, in the county of Middlesex, Engineer, and Patent Agent, has given the like notice in respect of the invention of "improvements in the manufacture of sulphuric acid and in apparatus for the same."—A communication to him from abroad by Louis Désiré Verstraet, Chemist, and Charles Schmid, Merchant, both of 29, Boulevard, St. Martin, Paris.

As set forth in his petition, recorded in the said office on the 4th day of March, 1863.

627. And John Howie, of Hurford, in the county of Ayr, North Britain, Coal Master, has given the like notice in respect of the invention of "improvements in the construction of the crossings of railways."