

1451. And Isaac Hammond, of the city of Winchester, Gun Maker, has given the like notice in respect of the invention of "drawing the cartridge-case from the barrel of a breech-loading gun."

1453. And Jozé Luis, Patent Agent, No. 1B, Welbeck-street, Cavendish-square, county of Middlesex, has given the like notice in respect of the invention of "an improved machine for reaping corn."—A communication.

As set forth in their respective petitions, both recorded in the said office on the 28th day of June, 1858.

1484. And John Morris, Manager at the Broughton Copper Works, Salford, in the county of Lancaster, has given the like notice in respect of the invention of "an improved construction or improvements in the construction of copper rollers or cylinders for printing fabrics."

1456. And Edward Lord, of Todmorden, in the county of York, Machine Maker, has given the like notice in respect of the invention of "improvements in looms for weaving, parts of which are applicable to other machines, and in machinery for making the crank shafts of looms and other machines."

1488. And Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, has given the like notice in respect of the invention of "certain improvements in lamps."—A communication.

1489. And William Sellers, of Philadelphia, in the State of Pennsylvania, United States of America, has given the like notice in respect of the invention of "improvements in machinery for turning metal shafting or bars and cylindrical rings and cutting screws."

1491. And Josiah Latimer Clark, of Adelaide-road, Haverstock-hill, in the county of Middlesex, has given the like notice in respect of the invention of "an improvement in electric telegraph cables or ropes."

As set forth in their respective petitions, all recorded in the said office on the 2nd day of July, 1858.

1493. And Thomas Scott, of Drummond-street, Euston-square, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in dressing, separating, and cleaning seeds, and in apparatus for those purposes."

As set forth in his petition recorded in the said office on the 3rd day of July, 1858.

1507. And Richard Archibald Brooman, of 166, Fleet-street, in the city of London, E.C., Patent Agent, has given the like notice in respect of the invention of "improvements in the manufacture of cast steel."—A communication.

1510. And Thomas Woolner, of Blue Pits, in the county of Lancaster, Manufacturer, has given the like notice in respect of the invention of "improvements in apparatus for feeding steam boilers with water."

1511. And Mortimer Nelson, of the city and State of New York, United States of America, has given the like notice in respect of the invention of "improvements in propellers for vessels."

As set forth in their respective petitions, all recorded in the said office on the 5th day of July, 1858.

1516. And William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, has given the like

notice in respect of the invention of "improvements applicable to roller blinds."—A communication.

As set forth in his petition, recorded in the said office on the 6th day of July, 1858.

1537. And Richard Smith, of the firm of Earl, Smith, and Company, Manufacturers of Hallamshire Works, Pond-street, Sheffield, in the county of York, has given the like notice in respect of the invention of "an improved adjustable pipe tongs."—A communication.

1539. And Samuel Harrison, of Stanhope-street, Clare-market, in the county of Middlesex, Smith, has given the like notice in respect of the invention of "improvements in ovens."

As set forth in their respective petitions, both recorded in the said Office, on the 8th day of July, 1858.

1556. And John Forbes Watson, of No. 3, Lonsdale-villas, Bayswater, in the county of Middlesex, and Valentin Bernard Fadeuilhe, of Newington-crescent, in the county of Surrey, have given the like notice in respect of the invention of "improvements in the preparation of cocoa and chocolate, and also of nutritive compounds from the seeds of the plants called Soja Hispida and Cicer Arietinum."

As set forth in their petition, recorded in the said office on the 10th day of July, 1858.

1573. And James John Field, of Paddington, in the county of Middlesex, Chemist, has given the like notice in respect of the invention of "a new method of supporting and carrying telegraph wires, ropes, and cables."

1574. And George Buchanan, of No. 29, Bucklersbury, London, has given the like notice in respect of the invention of "improvements in sugar-cane mills."

As set forth in their respective petitions, both recorded in the said office on the 13th day of July, 1858.

1580. And William Woodcock, of No. 36, Great George-street, Westminster, in the county of Middlesex, Engineer, has given the like notice in respect of the invention of "certain improvements in apparatus for warming air."

As set forth in his petition, recorded in the said office on the 14th day of July, 1858.

1649. And John Wheatley Giles, of Saint Martin's-le-Grand, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in locomotive or traction engines."

As set forth in his petition, recorded in the said office on the 21st day of July, 1858.

1665. And Henry Jacques Giffard, Mechanician, Paris, town in the French Empire, has given the like notice in respect of the invention of "improvements in feed apparatus, for steam and other boilers, which improvements are also applicable to the raising and forcing of fluids."

As set forth in his petition, recorded in the said office on the 23rd day of July, 1858.

1752. And Hugh Greaves, of Westminster, in the county of Middlesex, Civil Engineer, has given the like notice in respect of the invention of "improvements in constructing streets, roads, and ways, thereby facilitating traffic, and providing for the more convenient conveyance of sewage, drainage, gas, and water supplies, and telegraphic wires along the same."

As set forth in his petition, recorded in the said office on the 2nd day of August, 1858. *