

recorded in the said office on the 29th day of February, 1860.

570. And Ivo Bonnet and John Daniel Heid, of Brussels, in the Kingdom of Belgium, Mécaniciens, have given the like notice in respect of the invention of "improvements in planing machines for files and other metal objects, straight, curved or otherwise."

571. And John Milnes, of Gloucester, in the county of Gloucester, Railway Contractor, has given the like notice in respect of the invention of "an apparatus for exercising the joints and muscles of the human body."

573. And David Chadwick, of Salford, in the county of Lancaster, Gentleman, and Herbert Frost, of Manchester, in the said county, Engineer, have given the like notice in respect of the invention of "improvements in apparatus for measuring water and other liquids."

578. And Henry Bessemer, of Queen-street-place, New Cannon-street, in the city of London, has given the like notice in respect of the invention of "improvements in machinery or apparatus employed in the manufacture of malleable iron and steel."

As set forth in their respective petitions, all recorded in the said office on the 1st day of March, 1860.

587. And Joseph Eccles, of Blackburn, in the county of Lancaster, Cotton Manufacturer, has given the like notice in respect of the invention of "improvements in machinery for the manufacture of bricks, tiles, pipes, and other articles formed of plastic materials."

588. And Xavier Mousty, of 29, Boulevard St. Martin, Paris, in the Empire of France, Mechanician, has given the like notice in respect of the invention of "an improved apparatus for washing ores."

591. And Warren Stormes Hale, of Queen-street, Cheapside, in the city of London, Manufacturer, has given the like notice in respect of the invention of "an improved candle lamp."

595. And Edward Humphrys, of Deptford, in the county of Kent, Engineer, has given the like notice in respect of the invention of "improvements in marine boiler furnaces, and in feeding the same."

As set forth in their respective petitions, all recorded in the said office on the 3rd day of March, 1860.

597. And John Sidebottom, of Broadbottom, near Mottram, in the county of Chester, Cotton Spinner and Manufacturer, has given the like notice in respect of the invention of "certain improvements in looms for weaving."

601. And William Newton Wilson, of 144, High Holborn, in the county of Middlesex, Sewing Machine Manufacturer, and James Pitt, of Cleckheaton, in the county of Yorkshire, Machinist, have given the like notice in respect of the invention of "improvements in apparatus for sewing machines."

605. And James Howard, of Bedford, Agricultural Implement Maker, has given the like notice in respect of the invention of "an improvement in the construction of horse rakes."

As set forth in their respective petitions, all recorded in the said office on the 5th day of March, 1860.

608. And Thomas Cox the younger, of Birmingham, in the county of Warwick, Manufacturer, and William Holland, of Birmingham aforesaid, Tool Maker, have given the like notice in respect of the invention of "an improvement

or improvements in the manufacture of the stretchers of umbrellas and parasols."

616. And William Buxton, of Staveley, in the county of Derby, has given the like notice in respect of the invention of "improvements in safety cages for mines."

As set forth in their respective petitions, both recorded in the said office on the 6th day of March, 1860.

623. And Charles André Chapuis, of 29, Boulevard St. Martin, Paris, in the Empire of France, Chemist, has given the like notice in respect of the invention of "a new or improved process in manufacturing and ornamenting ceramic products chemically."

As set forth in his petition, recorded in the said office on the 7th day of March, 1860.

638. And Joshua Lister, of Oldham, in the county of Lancaster, Foreman, and John Lees, of the same place, Tin Plate Worker, have given the like notice in respect of the invention of "improvements in the construction of oil cans."

As set forth in their petition, recorded in the said office on the 9th day of March, 1860.

650. And James Hadden Young, of No. 66, Great College-street, Camden-town, London, county of Middlesex, has given the like notice in respect of the invention of "improvements in setting up (composing) and distributing types."

As set forth in his petition, recorded in the said office on the 10th day of March, 1860.

663. And Thomas Woodhouse Ashby, Agricultural Implement Maker, and Thomas Yorke, Fitter, both of Stamford, in the county of Lincoln, have given the like notice in respect of the invention of "improvements in the construction of haymaking machines."

As set forth in their petition, recorded in the said office on the 12th day of March, 1860.

724. And Edward Gardner, of Maidstone, in the county of Kent, Engineer and Brassfounder, has given the like notice in respect of the invention of "improvements in apparatus for the manufacture of paper."

As set forth in his petition, recorded in the said office on the 20th day of March, 1860.

831. And John Sheridan, of No. 55, John-street, Dean-street, Commercial-road, East, has given the like notice in respect of the invention of "improvements in the manufacture of sheet metal casks, and other vessels."

As set forth in his petition, recorded in the said office, on the 31st day of March, 1860.

850. And William Armand Gilbee, of No. 4, South-street, Finsbury, London, Patent Agent, has given the like notice in respect of the invention of "an improved apparatus for making signals on railways."—A communication to him from abroad, by Joseph Desgabriel, of Lyons, France.

As set forth in his petition, recorded in the said office on the 3rd day of April, 1860.

882. 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 "improved apparatus for treating peat or turf."—A communication to him from abroad, by Auguste Marcellin Count de Lara et du Ren, of Paris, in the Empire of France.

As set forth in his petition, recorded in the said office on the 7th day of April, 1860.