

notice in respect of the invention of "improvements in machinery or apparatus for washing or cleansing woven fabrics and clothes, part of which apparatus is also applicable to churning milk and cream."

As set forth in their petition, recorded in the said office on the 7th day of December, 1854.

2585. And John Thom, of Birkacre, near Chorley, in the county of Lancaster, Calico Printer, has given the like notice in respect of the invention of "improvements in apparatus for singeing or firing cotton and other fabrics."

2590. And Gustav Adolph Buchholz, of Hammer-smith, in the county of Middlesex, Civil Engineer, has given the like notice in respect of the invention of "improved machinery applicable to the hulling or cleaning of grain, seeds, and other vegetable produce."

As set forth in their respective petitions, both recorded in the said office on the 9th day of December, 1854.

2604. And William Grindley Craig, of Gorton, in the county of Lancaster, Engineer, has given the like notice in respect of the invention of "improvements in railway axle boxes and spring fittings."

As set forth in his petition, recorded in the said office on the 11th day of December, 1854.

2629. And John Court, jun., of Sheerness, in the county of Kent, Builder, has given the like notice in respect of the invention of "improvements in rockets."

As set forth in his petition, recorded in the said office on the 13th day of December, 1854.

2667. And James Cunningham, of West Arthur-lie, in the county of Renfrew, North Britain, Bleacher, has given the like notice in respect of the invention of "improvements in starching textile fabrics."

2668. And John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, and of Glasgow, North Britain, Gentleman, has given the like notice in respect of the invention of "improvements in the extracting tannic acid from leather and in preparing the leather for the manufacture of glue."—A communication from Obadiah Rich, of Cambridge, Massachusetts, United States of America.

As set forth in their respective petitions, both recorded in the said office on the 13th day of December, 1854.

2692. And William Bertram, of 5, Upper Harden-street, Woolwich, in the county of Kent, has given the like notice in respect of the invention of "improvements in the manufacture of iron ships, steam and other boilers, bridges, and other structures where numerous sheets of iron are used."

As set forth in his petition, recorded in the said office on the 21st day of December, 1854.

2742. And Gerd Jacob Bensen, of 7, Christian-street, St. George's-in-the-East, has given the like notice in respect of the invention of "an improvement in refining sugar."

As set forth in his petition recorded in the said office on the 28th day of December, 1854.

2753. And Henry Richardson Fanshawe and John Americus Fanshawe, of North Woolwich in the county of Essex, Manufacturing Agents, have given the like notice in respect of the invention of "certain improvements in the manufacture of various kinds of waterproof garments."

As set forth in their petition, recorded in the said office on the 29th day of December, 1854.

101. And John Greenwood, of Irwell Springs, near Bacup, in the county of Lancaster, Turkey-Red Dyer, has given the like notice in respect of the invention of "certain improvements in sizing, stiffening, and finishing textile fabrics or materials."

As set forth in his petition, recorded in the said office on the 13th day of January, 1855.

393. And Robert McConnell, of Glasgow, in the county of Lanark, North Britain, Bleacher, has given the like notice in respect of the invention of "improvements in finishing or dressing textile fabrics."

As set forth in his petition, recorded in the said office on the 22nd day of February, 1855.

409. And Barnaby Angelo Murray, of Dublin, Professor of Languages, has given the like notice in respect of the invention of "improvements in winding, doubling, and twisting silk, flax, and other fibrous substances."

As set forth in his petition, recorded in the said office on the 24th day of February, 1855.

452. And Stanislas Vigoureux, Manufacturer, of Rheims, a town in the French Empire, has given the like notice in respect of the invention of "certain improvements in printing, ornamenting, and dressing woven and textile fabrics."

As set forth in his petition, recorded in the said office on the 1st day of March, 1855.

474. And William Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, and of Glasgow, in the county of Lanark, North Britain, Civil Engineer, has given the like notice in respect of the invention of "improvements in cleansing and preparing fibrous materials."—A communication from Samuel W. Brown, of Lowell, Massachusetts, in the United States of America.

As set forth in his petition, recorded in the said office on the 3rd day of March, 1855.

553. And William Prockter Stanley, of Peterborough, in the county of Northampton, Agricultural Implement Maker, has given the like notice in respect of the invention of "an improvement in, or addition to, clod crushers."

As set forth in his petition, recorded in the said office on the 12th day of March, 1855.

581. And William Lister, of Duns Bank, near Richmond, in the county of York, Farmer, has given the like notice in respect of the invention of "an improved implement for raising or loosening turnips and other roots in the ground, and cutting off the tails thereof."

As set forth in his petition, recorded in the said office on the 14th day of March, 1855.

591. And William Hill, of Birmingham, in the county of Warwick, Tool Maker, has given the like notice in respect of the invention of "improvements in metallic pens and penholders, and in ornamenting metallic pens and penholders."

As set forth in his petition, recorded in the said office, on the 16th day of March, 1855.

620. And Jonathan Musgrave, of Bolton-le-Moors, in the county of Lancaster, Engineer, has given the like notice in respect of the invention of "improvements in steam engines."

625. And Benjamin O'Neale Stratford, Earl of Aldborough, of Stratford Lodge, in the county of Wicklow, in Ireland, has given the like notice in respect of the invention of "improvements in aerial navigation, and in the application of the same to warlike purposes."

As set forth in their respective petitions, both