- provements in the construction of machinery or apparatus for cutting chaff and other agricultural produce."
- 928. To James Lark, of White Lion Wharf, Bankside, Southwark, in the county of Surrey, for the invention of "improvements in the manufacture of artificial fuel and cement."

929. To Robert Reeves, of Bratton, in the county of Wilts, for the invention of "improvements in the manufacture of liquid manure

drills." 931. And to Michael Myers, of Wigmore-street, Cavendish-square, in the county of Middlesex,

for the invention of "improvements in the construction of trunks, portmanteaus, and boxes."

On their several petitions, recorded in the Office of the Commissioners on the 13th day of April, 1863.

- 933. To John Nasmith, of the city of Manchester, Foreman, and Samuel Thornton, of the same place, Mechanical Draughtsman, for the invention of "improvements in machinery for carding cotton and other fibrous substances."
- 935. To George Thomas Smith, of Ordsall House, East Retford, in the county of Nottingham, for the invention of "improvements in metallic window-shutters."
- 937. To John Combe, of Leeds, Engineer, and John Henry Smalpage, also of Leeds, Woollen Draper and Tailor, for the invention of improvements in the action and arrangement of machines for winding cops, in the construction and arrangement of banks for holding cops for warping purposes, in the formation of shuttles for receiving cops, and for apparatus for packing and securing cops in shuttles, one part of which improvements, consisting of a spring clutch, is applicable to machines in general."
- 939. To Henry Trapnell, of the city of Bristol, Mahogany Merchant, for the invention of "improvements in vent pegs."
- 941. And to Richard Archibald Brooman, of 166, Fleet-street, in the city of London, Patent Agent, for the invention of "improvements in lamps for burning light and heavy mineral and vegetable oils."-A communication to him from abroad by Etienne Laporte, of Paris, France.

On their several petitions, recorded in the Office of the Commissioners on the 14th day of April, 1863.

- 943. To James Leach, of Cheadle, in the county of Chester, Commercial Clerk, for the invention of "an improved machine or apparatus for washing, squeezing, mangling, and churning."
- 947. To Henri Adrien Bonneville, Patent Agent, of the British and Foreign Patent Offices, 24, Rue du Mont Thabor, Paris, in the Empire of France, for the invention of "improvements in the construction of gas burners."-A communication from Theodore Berents, Manufacturer, a person residing at Maestricth, in the Kingdom of Belgium.
- 949. To William Spence, of 50, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "improvements in the manufacture of gunpowder."-A communication to him from abroad by Samuel Ricker, resident in the free caty of Frankfort on the Maine."
- 951. To John Sanderson Morton, of Northamp-ton, in the county of Northampton, Cabinet Maker, for the invention of "improvements in locks?

- 927. To Robert Leggett, Engineer, and Robert [952. To Alfred Vincent Newton, of the office for Gittus, Farmer, both of Mildenhall, in the county of Suffolk, for the invention of "im-Middlesex, Mechanical Draughtsman, for the Middlesex, Mechanical Draughtsman, for the invention of "an improved construction of blowing apparatus."-A communication to him from abroad by Joseph Perrigault, of Rue St. Sebastien, Paris, in the Empire of France. 953. And to Thomas Bell Elcock Fletcher, of
 - Birmingham, in the county of Warwick, Doctor of Medicine, for the invention of "improvéments in apparatus for collecting the solid portions of sewage."

On their several petitions, recorded in the Office of the Commissioners on the 15th day of April, 1863.

964. To Samuel Riley; of Oldham, in the county of Lancashire, Agent, for the invention of "improvements in the manufacture or preparation of cocoa and chocolate."

On his petition, recorded in the Office of the Commissioners on the 17th day of April, 1863.

- 972. To Charles William Siemens, of No. 3, Great George-street, Westminster, in the county of Middlesex, and Frederick Siemens, of Birmingham, in the county of Warwick, for the invention of "improvements in furnaces which are principally applicable to the smelting of iron.
- 974. To Thomas Aldridge Weston, of Birming-ham, in the county of Warwick, Mechanical Engineer, for the invention of "improvements in ratchet levers."
- 976. And to Gustav Adolph Buchholz, of Montague-place, Clapham-road, in the county of Surrey, Engineer, for the invention of "improvements in apparatus for hulling grain and for reducing granular substances."

On their several petitions, recorded in the Office of the Commissioners on the 18th day of April, 1863.

- 980. To George Graham, William Graham, and John Graham, of the firm of Messieurs Graham and Sons, of Burnley, in the county of Lancaster, Machine Makers, for the invention of "improvements in machinery for folding or plaiting fabrics."
- 982. And to James Robey, of Newcastle-under-Lyme, in the county of Stafford, for the invention of "improvements in apparatus for separating fluids from more solid matters mixed or combined therewith."

On both their petitions, recorded in the Office of the Commissioners on the 20th day of April, 1863.

- 988. To Edwin Lindsey Simpson, of Bridgeport, in the county of Fairfield, and State of Connecticut, United States of America, for the invention of "an improvement in waterproof
- compounds and in fabrics prepared therewith." 990. To Mark Runkel, of Centre-street, New York, United States of America, and Hotel Sablonière, Leicester-square, in the county of Middlesex, Engineer, for the invention of "improvements in marine steam engine governors." A communication to him from abroad by Henry Behrens, of Chatham-street, New York, in the United States of America, Engineer.
- 994. To William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "improvements in wrenches."—A com-munication to him from abroad by Louis Schwartzkopff, of Berlin, in the Kingdom of Prussia.

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