2945. John Macintosh, of Westminster, Civil Engineer, for an invention of "improvements in hardening glass and other substances, and the application of such hardened substances to various useful purposes."—Dated 28th August,

2949. David Taylor and William Taylor, of. Blackburn, in the county of Lancaster, Cotton Manufacturer, for an invention of "improvements in looms for weaving."-Dated 28th

August, 1874.

2952. William Frederick Lotz, of 19, Carter-lane, Saint Paul's, London, Lamp Manufacturer, for an invention of "improvements in the method and means of suspending chandeliers for gas or other lights and adjusting them to the required height."—From abroad by Bradley and Hubbard, of Barclay-street, New York, United States of America, Lamp Manufacturers. -Dated 29th August, 1874.

2958. Alexander Easton and William Woodhouse Pritchard, both of the firm of J. and R. Pritchard and Coy., of the city of Glasgow, in the county of Lanark, North Britain, Sewed Muslin Manufacturers, and Samuel McGaw, Machinist to the said firm, for an invention of "improvements in embroidering or sewing and in the machinery or apparatus employed there-

for."-Dated 29th August, 1874.

2959. William Lee Powleson, of San Francisco, in the county of San Francisco, and State of California, one of the United States of America, Engineer, for an invention of "improvements in apparatus for increasing combustion, creating draft, burning smoke, and saving fuel in steam boiler furnaces."-Dated 29th August, 1874.

2961. Nathan Thompson, of the city of Brooklyn, and State of New York, in the United States of America, but at present of 23, Southampton-buildings, in the county of Middlesex, for an invention of "improvements in means for stopping bottles, jars, and other hollow articles."

-Dated 29th August, 1874.

2963. Joseph Bickerton, of the Richmond Hill Iron Works, Oldham, in the county of Lancester, Engineer, for an invention of "improvements in paper cutting machines."-From abroad by Victor E. Mauger, of New York, in the United States of America.—Dated 29th August, 1874.

2964. William Miller, of the city of Boston, in the county of Suffolk, State of Massachusetts, U.S.A., Mechanic, for an invention of "equalizing or distributing pressure."-Dated 29th August, 1874.

2970. John Smith, Mechanical Engineer, of Bradford, in the county of York, for an invention of "improvements in looms for weaving."-Dated

31st August, 1874. 2972. William Morgan-Brown, of the firm of Brandon and Morgan-Brown, Engineers and Patent Agents, of 38, Southampton-buildings, London, and 13, Rue Gaillon, Paris, for an invention of " improvements in the method and means for counteracting motion in supports for berths, cabins, sofas, tables, and other like articles in ships or in travelling carriages."—
From abroad by Thomas Pownal Ford, of Green Point, in the city of Brooklyn, State of New York, United States of America. - Dated 31st August, 1874.

2973. Felix Blazicek and Georg Wilhelm Moritz Bauer, both of Vienna, Austria, for an invention of "improved apparatus for the complete and smokeless combustion of solid fuel."-Dated

31st August, 1874.

No. 24501.

the city of Manchester, Millwright and Engineer, and Edward Andrew, of the city of Manchester, Public Accountant, for an invention of "improvements in metallic packings for pistons, air pumps, buckets, valves, and other purposes."

-Dated 1st September, 1874.

2979. Henry Conradi, of 7, Lower James-street, Golden-square, in the county of Middlesex, for an invention of "an improved machine for cutting threads on screws, bolts, and nuts to the number of four and more at one operation, from one quarter inch to one and a half inch in diameter and upwards, provided with selfacting disengaging arrangement of screw-stock and dies or taps." - Communicated to him from abroad by Albin Otto Sack, resident at Cassell, in Hessen, in Germany.—Dated 1st September,

2982. Albert Sauvée, of 22, Parliament-street, Westminster, in the county of Middlesex, Civil Engineer, for an invention of "improvements in the apparatus used for dyeing materials either woven, spun, or in skeins or hanks."-Communicated to him from abroad by Monsieur César Corron, Dyer, of Saint Etienne (Loire), France. -Dated 1st September, 1874.

2983. Casimir Deguine, of 7, Rue Montebello, Capecure, Boulogne-sur-Mer, France, for an invention of "improvements in hearths, such improvements being applieable to all kinds of ovens, furnaces, stoves, and fire places."-Dated

1st September, 1874.
2984. William Alexander Lyttle, of the Grove, Hammersmith, in the county of Middlesex, Engineer, for an invention of "improvements in the manufacture of iron and steel."-Dated 1st September, 1874.

2985. Victor Favier, of Perwez, in the Kingdom of Belgium, Farmer, for an invention of "a new or improved beater for thrashing machines."-

Dated 1st September, 1874.

2986. Edward Knowles Heaps, of Burton Salmon, and William Wheatley, of Brotherton, both in the county of York, for an invention of "an improved heating and cooking apparatus."-

Dated 1st September, 1874.

2988. Benjamin Joseph Barnard Mills, of the firm of Harris and Mills, of 23, Southamptonbuildings, in the county of Middlesex, Patent Agent, for an invention of "certain improvements in soldering apparatus, and in the manufacture of part thereof."—Communicated to him from abroad by Joseph Sears, Lard Oil Manufacturer, of the city of Chicago, and county of Cook, in the State of Illinois, United States of America.—Dated 1st September, 1874.

2989. John Kissack Joshua Foster, of Horbury, in the county of York, for an invention of "improved apparatus for extinguishing fire, applicable also for distributing water for other purposes."-Dated 1st September, 1874.

2990. Robert Duncan Milne, of Los Angeles, in the county of Los Angeles, and State of California, one of the United States of America, Engineer, for an invention of "improvements in rotary steam engines."-Dated 1st September, 1874.

2992. Samuel Butler, of Nottingham, Lace Manufacturer, for an invention of "improvements in the manufacture of ornamental single Mechlin lace in twist lace machines."—Dated 1st Sep-

tember, 1874.

LIST of the Letters Patent for Inventions which have become void by reason of the 2978. John Johnson, of Lower Broughton, near I non-payment of the additional Stamp Duty of