

1389. To John Ainsworth, of Preston, in the county of Lancaster, Cotton Mill Manager, for the invention of "improvements in looms for weaving."
1393. To William McIntyre Cranston, of Worship-street, Finsbury, in the county of Middlesex, for the invention of "improved appliances for controlling and deterring the conversion of reel blades into rake blades, or vice versa, in reaping machines."—Partly a communication to him from abroad by the Walter A. Wood Mowing and Reaping Machine Company, Hoosick Falls, New York, U.S.A., and partly invented by himself.
1397. To William Robert Lake, of the firm of Haseltine, Lake, and Co., Patent Agents, Southampton-buildings, London, for the invention of "improvements in sewing machines, chiefly designed for straw braid work."—A communication to him from abroad by Mary Permelia Carpenter, of the city and State of New York, United States of America.
1399. To James France Hill, of Saint Pancras, in the county of Middlesex, for the invention of "improvements in stoves and fire baskets."
1401. To Benjamin Alfred Dobson, of the firm of Messieurs Dobson and Barlow, of Bolton, in the county of Lancaster, Machine Maker, and James Macqueen, of the same place, Machinist, for the invention of "certain improvements in machines for spinning and doubling."
1403. And to Ira Ickringill, Worsted Spinner, Charles Hoyle, Machine Maker, and Henry Smith, Combing Overlooker, all of Keighley, in the county of York, for the invention of "improvements in combing machines."
- On their several petitions, recorded in the Office of the Commissioners on the 8th day of April, 1878.
1405. To James Alexander Walker, of No. 49, Campbell-road, Bow, in the county of Middlesex, Civil Engineer and Naval Architect, for the invention of "an improved means of suspending ships' saloons and cabins, cattle pens and other structures, to counteract the rolling, pitching, compound, and transitory movements of a vessel at sea."
1407. To Charles Wayte and Conrad Herzog, both of Red Lion-square, in the county of Middlesex, Engineers, for the invention of "improvements in producing and correcting negatives without photography by the aid of paper types."
1409. To Joseph Law, of Birmingham, in the county of Warwick, Gunsmith, and Thomas Law, of Wolverhampton, in the county of Stafford, Gunsmith, for the invention of "improvements in velocipedes."
1411. To William Dunham, of 69, Mark-lane, London, E.C., Merchant, for the invention of "improvements in lubricators."—A communication to him from abroad by Victor Lieuvain, Engineer, Rouen, in the Republic of France.
1413. To William Martin, of 245, Oldham-road, Manchester, in the county of Lancaster, Engineer, for the invention of "improvements in self-closing doors and gates."
1415. To Frederick Bramley, of Mile End, in the county of Middlesex, for the invention of "improvements in knife cleaning machines."
1417. To Samuel Hallsworth, of Armley, and Richard Bailes, of Woodhouse Carr, both near Leeds, in the county of York, for the invention of "improvements in the means or method employed for treating and utilizing the mud or sludge precipitated from sewage or other impure waters in the operation of clarifying the same,

such improvements being also applicable for treating and clarifying sewage or other impure waters, and for other purposes."

1419. And to Melville Thomson Neale, of 22, Buckingham-street, Strand, in the county of Middlesex, for the invention of "improvements in apparatus for transmitting messages."

On their several petitions, recorded in the Office of the Commissioners on the 9th day of April, 1878.

1423. To Thomas William Helliwell, of Brighouse, in the county of York, Architect, for the invention of "improvements in the method of and apparatus for glazing or fixing sheets of glass, stone, slate, or metal."

1425. To Charles Smith, of Hartlepool, in the county of Durham, Engineer, for the invention of "improvements in marine steam boilers."

1429. To William Frederick Spittle, of Birmingham, in the county of Warwick, Manager of Works, and Joseph Hinks, of Birmingham aforesaid, Manufacturer, for the invention of "improvements in connecting lamps, or the reservoirs of lamps, to their pillars or stands."

1431. To Luke Turner, of Leicester, Elastic Web Manufacturer, for the invention of "improvements in the manufacture of elastic gusset webs."

1433. To Abraham Holden, of Little Hulton, near Bolton, in the county of Lancaster, Cotton Mill Manager, for the invention of "certain improvements in machinery for preparing cotton and other fibrous substances to be spun."

1439. And to Richard Robert Parry, of 31, Trinity-square, Borough, in the county of Surrey, Engineer, for the invention of "an india rubber basin and pan liner."

On their several petitions, recorded in the office of the Commissioners on the 10th day of April, 1878.

PATENTS WHICH HAVE BECOME VOID.

A LIST of the Letters Patent for Inventions which have become void by reason of the non-payment of the additional Stamp Duty of £50, before the expiration of the third year from the date of such Patents, pursuant to the Act of the 16th Vict., c. 5, sec. 2, for the week ending the 20th day of April, 1878.

1343. Vittoria Felice, of Rome, in the Kingdom of Italy, for an invention of "a new method for removing the incrustation from boilers of steam engines, for prevention of successive incrustations, and for the preservation of the metal."—Dated 15th April, 1875.

1346. Jean Paris and Joseph Adam, fils, both of Bordeaux, in the Republic of France, for an invention of "improvements in packing cases or receptacles for bottles and jars."—Dated 14th April, 1875.

1350. William Wilson Macvay, of the firm of Sykes, Macvay, and Company, of the Albion Glasworks, Castleford, in the county of York, for an invention of "improvements in tank furnaces, or apparatus for the smelting or manufacturing of glass and other materials."—Dated 14th April, 1875.

1356. Percy Jonathan Sturges Harlow, of Birmingham, in the county of Warwick, Manufacturer, for an invention of "improvements in hames for horses and other draught animals."—Dated 14th April, 1875.

1357. Hunter Henry Murdoch, of No. 7, Staple-inn, in the county of Middlesex, Patent Agent, for an invention of "improvements in sewing