

3148. To Johann Diedrich Petersen, of Birmingham, in the county of Warwick, Mechanical Engineer, for the invention of "improvements in the prevention of encrustation in steam boilers and in cleansing them when foul."—A communication to him from abroad by Robert H. Harcourt, of Chicago, Illinois, in the United States of America.
3150. To Charles Herbert Holt, of Manchester, in the county of Lancaster, Engineer, for the invention of "improvements in stillions or apparatus for supporting and tilting ale, porter, or other casks or barrels."
3154. And to Arthur Youngman Jacobs, of Sheffield, in the county of York, Engineer, for the invention of "improvements in locknuts, and in the means of securing the same."
- On their several petitions, recorded in the Office of the Commissioners on the 18th day of August, 1877.
3160. To Charles Barraclough, of Halifax, in the county of York, Mechanic, for the invention of "improvements in looms for weaving."
3162. To Kennard Knott, of 4, South-street, Finsbury, in the county of Middlesex, for the invention of "improvements in dry air refrigerating, and in apparatus therefor, applicable to railway carriages and ships' store rooms, and other stationary refrigerators for the transportation and preservation of meat and other perishable articles."
3164. To Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "improvements in machines for stuffing horse collars."—A communication to him from abroad by Benjamin Franklin Grayson, junior, of Luray, in the county of Page, State of Virginia, United States of America.
3166. And to William Allan, of Kilbirnie, in the county of Ayr, North Britain, for the invention of "improvements in and connected with mine and other pumps."—A communication to him from abroad by William Paris Barclay, residing at Virginia, in the State of Nevada, United States of America.
- On their several petitions, recorded in the Office of the Commissioners on the 20th day of August, 1877.

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 1st day of September, 1877.

2919. Thomas White, of Birmingham, in the county of Warwick, Manufacturer, for an invention of "new or improved racks or frames for meat and other dishes."—Dated 26th August, 1874.
2924. Robert Baxter, of Ealing Dean, in the county of Middlesex, for an invention of "a new or improved instrument to be employed in slaughtering oxen, horses, and other animals."—Dated 26th August, 1874.
2928. Frederick John Cheesbrough, of the Office for Patents, 15, Water-street, Liverpool, in the county of Lancaster, Consulting Engineer, for an invention of "an improved machine for crimping or folding leather, cloth, or other like materials used in the manufacture of boots, shoes, harness, travelling bags, trunks, and other like articles."—From abroad by George Platts and Joseph Walden, both of Newark, in the county of Essex and State of New Jersey, United States of America.—Dated 27th August, 1874.
2930. William Alexander Lytle, of the Grove, Hammersmith, in the county of Middlesex, Engineer, for an invention of "improvements in furnaces."—Dated 27th August, 1874.
2931. William Evans, of Moxley, near Wednesbury, in the county of Stafford, Manager of Iron Works, for an invention of "improvements in furnaces used in the manufacture of iron."—Dated 27th August, 1874.
2933. Edward Thomas Hughes, of the firm of Hughes and Son, Patent Agents, of 123, Chancery-lane, London, for an invention of "an improved apparatus for facilitating the construction of submarine tunnels and other works below water."—From abroad by Jérôme Wenmaekers, of Brussels, in the Kingdom of Belgium.—Dated 27th August, 1874.
2934. James Noad, of Saint Mary's-terrace, Pelly-road, Plaistow, in the county of Essex, Engineer, for an invention of "improvements in boats and vessels, applicable especially to saving life at sea."—Dated 27th August, 1874.
2935. James Bolton, of St. Helens' Works, Swansea, for an invention of "improvements in apparatus for preparing and moulding artificial fuel, applicable also for moulding other materials."—Dated 27th August, 1874.
2939. William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for an invention of "an improved process for treating wood and other analogous substances for the purpose of obtaining therefrom useful fibres and other valuable products."—From abroad by Doctor Richard Mitscherlich, of Darinstadt, in the Empire of Germany.—Dated 27th August, 1874.
2941. Charles Gowans, of Glasgow, in the county of Lanark, North Britain, for an invention of "improvements in arming or embossing presses."—Dated 28th August, 1874.
2942. Frederick Wilkins, of St. Leonard's-on-Sea, in the county of Sussex, Civil Engineer, for an invention of "improvements in wheel and other skates."—Dated 28th August, 1874.
2943. Robert Faircloth Flood, of No. 25, Well-road, Maidstone, in the county of Kent, for an invention of "an improved domestic fire-escape."—Dated 28th August, 1874.
2944. Herbert Bradley, of 9, Ormonde-terrace, Regent's Park, in the county of Middlesex, Gentleman, for an invention of "improvements in check registering apparatus."—Dated 28th August, 1874.
2911. William Ley and George Shearer, both of Liverpool, in the county of Lancaster, for an invention of "an improved tube plug or stopper."—Dated 26th August, 1874.
2913. Gavin Thomson and George Watson, both of Deptford, in the county of Kent, for an invention of "improvements in the manufacture of compound india rubber sheets or surfaces, applicable to various useful purposes."—Dated 26th August, 1874.
2915. Frederick Barker Hill, of No. 19, Lambeth-road, Southwark, in the county of Surrey, Engineer, for an invention of "improvements in connecting apparatus for coupling hose and other pipes, and securing covers on pipes, and in other situations."—Dated 26th August, 1874.