

965. To James Richmond, of Burnley, in the county of Lancaster, Manufacturer, and Thomas Richmond and Daniel Harling, of the same place, Machinists, for the invention of "certain improvements in looms for weaving."

967. To Robert Calvert Clapham, of Walker, in the county of Northumberland, Analytical Chemist, for the invention of "treating the waste liquors from bleaching powder stills, in order to obtain hydrochloric acid and other products therefrom."

969. To William Massingham, of Boston, in the county of Lincoln, Brewer, for the invention of "improvements in apparatus for cooling liquids."

971. And to Bernard James Webber, of Newton Abbot, in the county of Devon, Engineer and Agricultural Implement Manufacturer, for the invention of "improvements in apparatus for separating corn from the ears, and for combing straw."

On their several petitions, recorded in the Office of the Commissioners on the 17th day of April, 1863.

973. To William Stevenson Macdonald, of the city of Manchester, Practical Chemist, for the invention of "improvements in apparatus for drying animal, vegetable, and mineral substances."

875. To William Benoni Burden, of Malvern, in the county of Worcester, for the invention of "improvements in wheels and axles applicable to locomotives, carriages, and paddle wheels."

977. And to Thomas Hunt, of Banbury, in the county of Oxford, Brewer, for the invention of "improved apparatus for obtaining motive power."

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

979. To Charles Randolph and John Elder, of Glasgow, in the county of Lanark, North Britain, Engineers, for the invention of "improvements in surface condensers."

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

985. To Alfred Ford, of Stewart's-buildings, Battersea-fields, in the county of Surrey, Gentleman, and Richard Rigg, of No. 3, Great Winchester-street, in the city of London, Gentleman, for the invention of "an improved method of reforming and reusing old or waste vulcanized india rubber."

987. To Joseph Heap, of Ashton-under-Lyne, in the county of Lancaster, Tool Maker, for the invention of "improvements in adjustable wrenches for nut pipes and pins."

991. To John William Nottingham, of Clayton-place, Kennington-road, in the county of Surrey, Artist, for the invention of "improvements in two-wheeled vehicles."

993. To Hugh Donald, of the firm of Craig and Donald, of Johnstone, in the county of Renfrew, North Britain, Engineer, for the invention of "improvements in machinery or apparatus for bending or straightening metal plates."

995. And to William Colborne Cambridge, of Bristol, Agricultural Implement Manufacturer, for the invention of "improvements in the construction of harrows."

On their several petitions, recorded in the Office of the Commissioners on the 21st day of April, 1863.

1001. To Theodore Grace, of the city and county of Bristol, Agricultural Engineer, for the in-

vention of "improvements in reaping and mowing machines, part of which improvement is applicable to other useful purposes"

1003. And to Edward James Jeffs, 1A, St. James' street, Old Steyne, Brighton, in the county of Sussex, Auctioneer and Estate Agent, and Thomas Turner, of Stanley Bridge Wharf, King's-road, Chelsea, in the county of Middlesex, Mason and Pavior, for the invention of "improvements in the making and constructing of carriage way."

On both their petitions, recorded in the Office of the Commissioners on the 22nd day of April, 1863.

1007. To John William Proffitt, Land Agent and Surveyor, of Park-road, Peckham, in the county of Surrey, and William Lundy Duncan, Gentleman, of 218, Pembroke-cottages, Caledonian-road, in the county of Middlesex, for the invention of "an improved mode and apparatus for distributing sand, or any other suitable substance or substances, on the rails of railways and tramways."

1009. To Robert Richardson, of Great George-street, Westminster, in the county of Middlesex, Civil Engineer, for the invention of "improvements in railway permanent way."

1011. To William Clark, of 53, Chancery-lane, in the county of Middlesex, Engineer and Patent Agent, for the invention of "improvements in the manufacture of tiles, and in apparatus for the same."—A communication to him from abroad by Pierre François Boulet, of 29, Boulevard St. Martin, Paris, Tile Manufacturer.

1013. And to Peter McGregor, of the city of Manchester, Machine Maker, for the invention of "improvements in machinery for spinning and doubling."

On their several petitions, recorded in the Office of the Commissioners on the 23rd day of April, 1863.

1015. To John Benjamin Daines, of No. 5, Little Argyle-street West, in the county of Middlesex, Gentleman, for the invention of "improvements in the preparation of stone, plaster, com-  
po, iron, wood, and such like substances, so as to preserve them from decay."

1017. To John Lambert, of Sheffield, in the county of York, Brassfounder, for the invention of "improvements in ball cocks."

1023. To James Thompson, of Bilston, in the county of Stafford, Manufacturer, for the invention of "improvements in the manufacture of barrels for fire arms and other descriptions of tubes, and in apparatus or machinery to be employed for that purpose."

1025. And to William Anthony Shaw, of the city and State of New York, United States of America, for the invention of "a mode of lining lead pipe with tin or its alloys."

On their several petitions, recorded in the Office of the Commissioners on the 24th day of April, 1863.

1029. To Leopold de Breański, of Greenwich, in the county of Kent, for the invention of "improved apparatus for fixing drills, which invention is also applicable for fixing apparatus for raising, supporting, and suspending weights, and for other analogous purposes."

1031. To Albert Henry Clark, of Birmingham, in the county of Warwick, Manufacturer, and Henry Hope, of Birmingham aforesaid, Manufacturer, for the invention of "improvements in valves for water, steam, and gas."