3787. And to Thomas Bennett, of Birmingham in the county of Warwick, Iron Merchant, fo the invention of "improvements in preparing o forming bars of iron for piling and in the mode of piling the same."

On their several petitions, recorded in the Office of the Commissioners on the 20th day of

November, 1873.

3800. To Henry Tasker, of Waterloo Iron Works, near Andover, in the county of Hants, for the invention of "improvements in portable steam engines and traction engines."

On his petition, recorded in the Office of the Commissioners on the 21st day of November,

1873.

3823. To George Alfred Poole, of No. 7, Belle Vue, Bradford, in the county of York, Schoolmaster, for the invention of "a new or improved means of, and apparatus for, indicating the depth of water under vessels afloat, partly by mechanical means, and partly by electricity."

On his petition, recorded in the Office of the Commissioners on the 22nd day of November,

1873

3837. To Paul Edmund Wettin Bassée, of White Horse-street, Portsmouth, in the county of Hants, for the invention of "improvements in the construction of guns and gun carriages." On his petition, recorded in the Office of the Commissioners, on the 24th day of November, 1873

3864. To Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, for the invention of "improvements in the manufacture of waterproof boots, shoes, and gaiters."

—A communication to him from abroad by Frederick M. Shepard, of the city and State of New York, United States of America.

3869. And to Thomas Alfred William Clarke, Machine Maker, and Roderick Flower Donisthorpe, Woolstapler, both of Leicester, in the county of Leicester, for the invention of "improvements in the padding or stuffing of upholstery, cushions, and various articles of dress, and in the method of preparing the same."

On both their petitions, recorded in the Office of the Commissioners on the 26th day of November, 1873.

3891. To John Lee, 38, Wurwick-lane, Newgatestreet, City, for the invention of "a new or an improved bin for collecting streets refuse, and appliances in connection therewith."

3895. And to William Hodgson, of the firm of J. and W. Hodgson, of the West End Mills, Bradford, in the county of York, Worsted Spinners, and Francis Lea, Manager at the said Mills, for the invention of "improvements in apparatus employed in spinning and twisting wool and other fibres."

On both their petitions, recorded in the Office of the Commissioners on the 28th day of November,

1873.

3906. To Henry Smith, of 29, Henrietta-street, Covent Garden, in the county of Middlesex, Electro Plater, for the invention of "improvements in candle holders."

3912. And to George Lamb Scott, of Manchester, in the county of Lancaster, Engineer, and William Edwin Heys, of the same place, Accountant, for the invention of "improvements in cupolas and blast furnaces, or other furnaces used for similar purposes."

On both their petitions, recorded in the Office

of the Commissioners on the 29th day of November, 1873.

3944. To Henry Bessell, of Bristol, in the county of Gloucester, Chair and Sofa Manufacturer, and John Allright Wheeler, of Westwood, in the county of Wilts, Flock Manufacturer, for the invention of "improvements in the manufacture of paillasses."

3946. To Joseph John Perry, of Red Lionsquare, in the county of Middlesex, and William Edward Wiley, of Birmingham, in the county of Warwick, for the invention of "improvements in pens or marking instruments."

3950. And to Adam Millar, Mechanician, of 9, Brooke-street, Holborn, in the city of London, for the invention of "a new or improved portable apparatus for scoring or registering numbers."

On their several Petitions recorded in the Office of the Commissoners on the 2nd day of December, 1873.

3956. To William Edward Gedge, of No. 119 Wellington-street, Strand, in the county of Middlesex, Patent Agent, for the invention of "an improved button and novel process of button fastening."—A communication to him from abroad by Louis Ignace Gras, of No. 9, Rue des Couteliers Moulins (Allier), France, Merchant Tailor.

3959. To Arthur Charles Henderson, of the firm of A. C. Henderson and Company, British and Foreign Patent Agents, of No. 6, Southampton-buildings, Holborn, in the county of Middlesex, for the invention of "improvements in match boxes for automatically lighting the matches."—A communication to him from abroad by Jules Saint Anne, Merchant, of Bordeaux, in the Department of Gironde, France.

3961. To William Thomas Holland, of Llanelly, in the county of Carmarthen, Earthenware Manufacturer, for the invention of "improvements in fettling for puddling and boiling furnaces."

3962. To William Cunningham, of Dundee, in the county of Forfar, North Britain, Engineer, for the invention of "improvements in machinery for carding jute, flax, hemp, and other fibrous materials, and in part applicable to the delivering parts of other machinery."

3964. To James Clarkson, of Islington, in the county of Middlesex, Dentist, for the invention of "improved means of fastening, connecting,

or securing artificial teeth."

3965. To William Adair, of Liverpool, in the county of Lancaster, for the invention of "improvements in and applicable to fog horns."

3966. To Francis George Pearson and James Grinold, both of Hope Works, Sheffield, in the county of York, for the invention of "improvements in the manufacture of manure and other similar forks."

3967. To Charles Barton, of West Bromwich, in the county of Stafford, Accountant Clerk, for the invention of "a new mode of preserving or protecting, ornamenting, finishing, or emblazoning the whole or certain parts of locks and latches."

3968. To John Cawthorn, of No. 16, Churchstreet, Greenwich, in the county of Kent, for the invention of "improvements in movable sashes and their frames."

3969. To James Worrall, of Manchester, in the county of Lancaster, Dyer, for the invention of "improved machinery for finishing cut-pile febrics"