76. And John Morrell, of Bradford, in the county of York, Grocer, has given the like notice in respect of the invention of "stopping the tap of any vessel containing oil, treacle or any other liquid as soon as the quantity required of such oil, treacle or other liquid has been taken therefrom, such quantity being ascertained by weight."

As set forth in his petition, recorded in the said office on the 27th day of February, 1854. 504. And Thomas Truscott and Thomas Palmer

Baker, Engineers, Royal Navy and Members of the Naval Engineers Club, at Portsea, in the county of Hants, have given the like notice in respect of the invention of "an improved arrangement of steam engines, adapted to screw propulsion."

As set forth in their petition, recorded in the said office on the 1st day of March, 1854.

960. And Joseph Barling, of 7, High-street, Maidstone, in the county of Kent, has given the like notice in respect of the invention of "improvements in treating the hop bine, and rendering it applicable to the manufacture of paper and other articles."

As set forth in his petition, recorded in the said office on the 27th day of April, 1854. 1001. And James Nasmyth, of Patricroft, near

Manchester, in the county of Lancaster, Engineer, has given the like notice in respect of the invention of "an improvement in the process of puddling iron."

As set forth in his petition, recorded in the said office on the 4th day of May, 1854.

1082. And Richard Scott, of Basford, in the county of Nottingham, Framesmith, and Thomas Rowland, also of Basford, in the said county of Nottingham, Setter-up and Framesmith, have given the like notice in respect of the invention of "improvements in machinery employed in the manufacture of knitted fabrics."

As set forth in their petition, recorded in the said

- office on the 15th day of May, 1854. 1103. And Jonathan Worthington, of Llancaiach and Gilvach Main Collieries, near Cardiff, Wales, Gentleman, and Fennell Allman, of 9, Adam-street, Adelphi, London, Consulting Engineer, have given the like notice in respect of the invention of "certain improvements in boring, mining, and blasting, and in the appa-ratus connected therewith."
- 1104. And James Horsfall, of Birmingham, in the county of Warwick, Manufacturer, has given the like notice in respect of the invention of "an improvement or improvements in the manufacture of wire for planofortes and other musical instruments."
- 1109. And James Colley March, of Barnstaple, has given the like notice in respect of the invention of "improvements in vices."
- 1116. And John Cunningham, of Liverpool, in the county of Lancaster, Architect, and William Ashley, of the same place, Ship Broker, have given the like notice in respect of the invention of "improved apparatus for ventilating ships."
- 1117. And Edouard Auguste Désiré Guichard, of Paris, in the Empire of France, Designer, has given the like notice in respect of the invention of "improvements in the manufacture of ornamental fabrics for decorating walls, or other surfaces.'

As set forth in their respective petitions, all recorded in the said office on the 18th day of May, 1854. 1118. And Johann August Haberhauffe, of Gross-

muhlingen, in the duchy of Anhalt, Germany, Gentleman, has given the like notice in respect of the invention of "improvements in fire-arms and projectile weapons.

As set forth in his petition, recorded in the said office on the 19th day of May, 1854.

- 1129. And Robert Crosland and William Holiday, of Bradford, in the county of York, Engineers, and John Heaton, of the same place, Foreman Moulder to the said Robert Crosland and William Holiday, have given the like notice in respect of the invention of "improvements in apparatus employed in the manufacture of cast metal pipes or tubes."
- 1138. And Andre Prosper Rochette, of Brighouse, in the county of York, Soap Manufacturer, has given the like notice in respect of the invention of "an improvement in the manufacture of soap."
- 1140. And Robert Oram, and William Oram, both of Salford, in the county of Lancaster, Machinists, have given the like notice in respect of the invention of "certain improvements in hydraulic presses.'

As set forth in their respective petitions, all recorded in the said office on the 22nd day of May, 1854.

1157. And Frederick Lipscombe, of No. 233, Strand, in the county of Middlesex, Water Filter Manufacturer, has given the like notice in respect of the invention of "improvements in guiding ships and boats."

As set forth in his petition, recorded in the said

- office on the 24th day of May, 1854. 1171. And Allan Livingston, Junr., of Portobello in the county of Mid Lothian, Scotland, Brick Manufacturer, has given the like notice in respect of the invention of "improvements in earthenware pipes for drains and sewers."
- 1173. And Gardner Chilson, of Boston, in the State of Massachusetts, of the United States of America, has given the like notice in respect of the invention of "a new or improved furnace for heat generator and radiator, to be used for warming buildings or apartments, or for various other useful purposes."
- 1174. And Samuel Sweetser, of the State of Massachusetts, of the United States of America, has given the like notice in respect of the in-vention of "an improvement in preparing skins or hides for the application of tannin thereto or for being tanned."—A communication from Warren A. Simonds, of the aforesaid State.
- 1175. And Mahlon Loomis, of the State of Massachusetts, of the United States of America, has given the like notice in respect of the invention of "an improvement in the manufacture of artificial teeth.'

As set forth in their respective petitions, all recorded in the said office on the 26th day of May, 1854.

And notice is hereby further given, that all persons having an interest in opposing any one of such applications are at liberty to leave particulars in writing of their objections to such application, at the said Office of the Commissioners within twenty-one days after the date of the Gazette in which this notice is issued.

ERRATA.

Friday, 2nd June.

1098. For "and analogous uses," read "and other analogous uses."

Tuesday, 6th June.

214. For "Hansom," read "Hanson."

Friday, 9th June.

1170. For "metal, casks, &c.," read "metal casks, &c."