

FIG. 7.

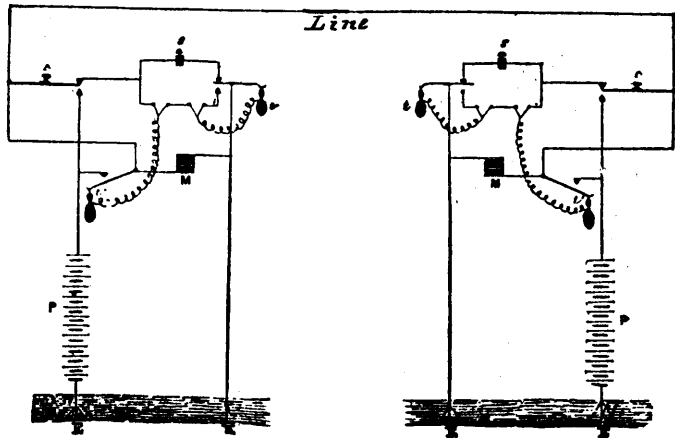
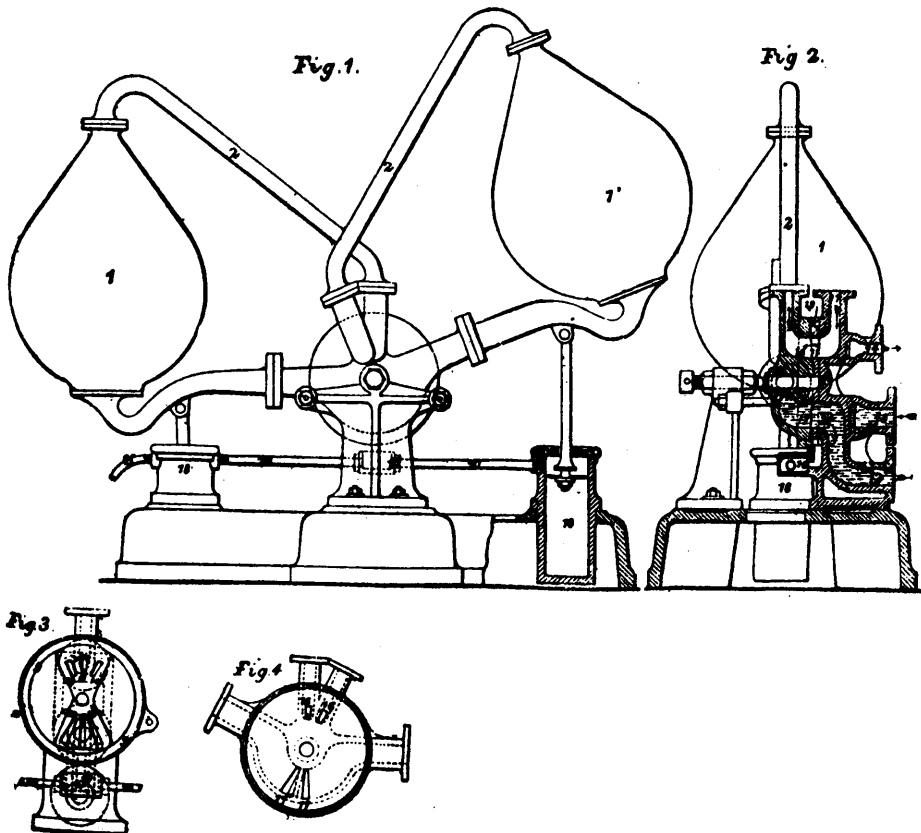


FIG. 8.

AUTOMATIC BOILER FEEDER.

The apparatus we here illustrate takes its name from its inventor, M. Edouard Fromentin, of Paris. It may be designated a water bottle feeder, and is made automatic by coupling two "bottles," as they are technically named, on to one and the same axis, on which they turn. The bottles are alternately placed in communication with the boiler, through the pipes connected to the former at both the top and bottom of the latter, and thus a slight additional pressure only is required to allow the water to pass freely into the boiler; this is obtained by placing the apparatus slightly above the water level, and thus utilizing the force due to gravity for that purpose.



THE FROMENTIN AUTOMATIC BOILER FEEDER.