

ABSTRACT**AN APPARATUS FOR MEASURING MASS FLOW AND
A METHOD OF FABRICATION THEREOF**

The present invention relates an apparatus for measuring mass flow. The apparatus comprises an elongate body having a frame portion, an arched structure that extends outwardly with respect to the frame portion, and one or more conduit portions that are part of the body and/or the arched structure. The body, the arched structure, and the conduit portions, are at least integrally formed as a single piece, whereby fluid flowing through the conduit portions has its mass flow measured when the arched structure is induced to vibrate. A corresponding method for fabricating the aforementioned apparatus is further described.

FIG. 1 for publication.