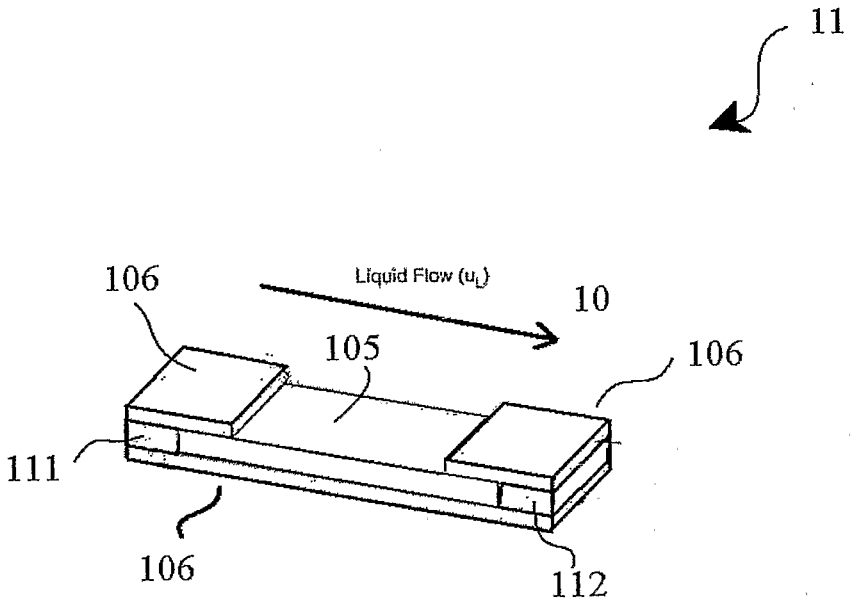


FIG. 1

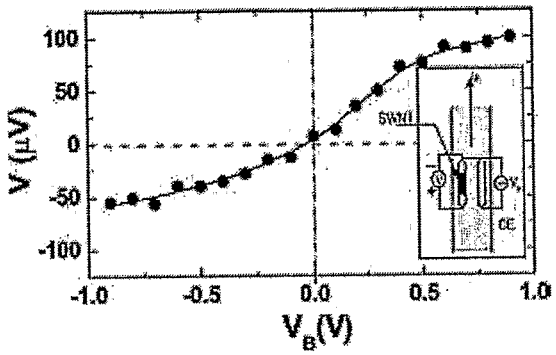


FIG. 3. Flow-induced voltage as a function of bias V_B. Inset, schematic of electrochemical biasing of the nanotubes; CE is the counterelectrode. The solid line is a guide to the eye.

FIG. 2

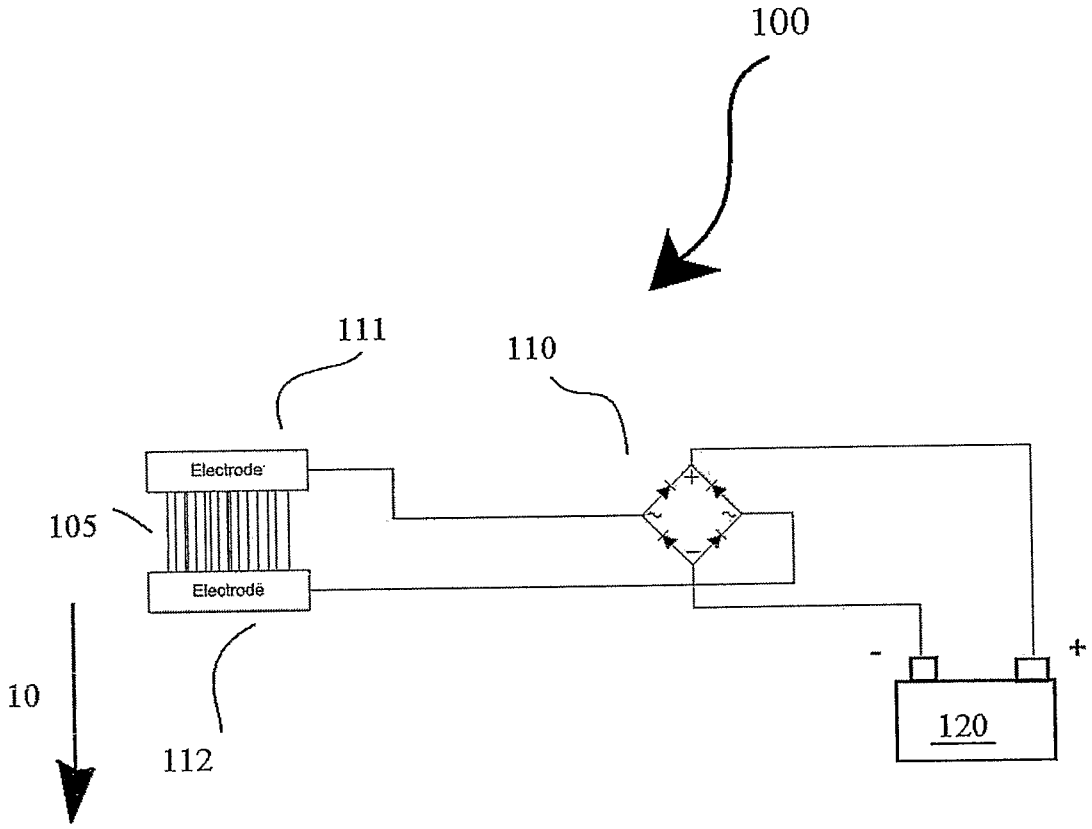


FIG. 3

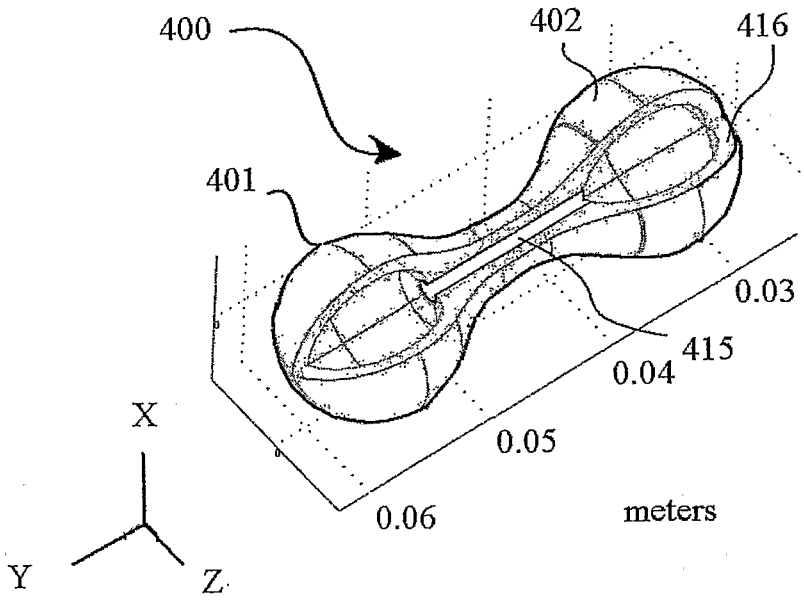


FIG. 4

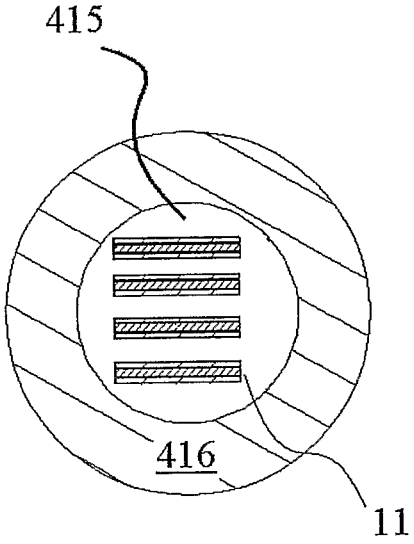


FIG. 5B

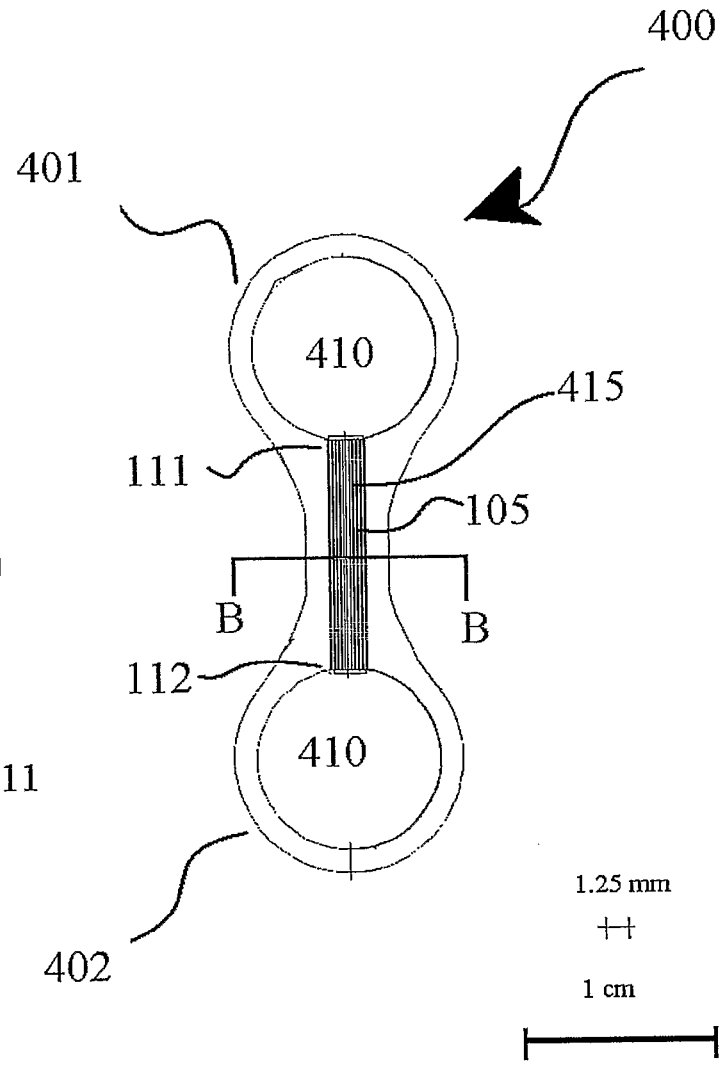


FIG. 5A

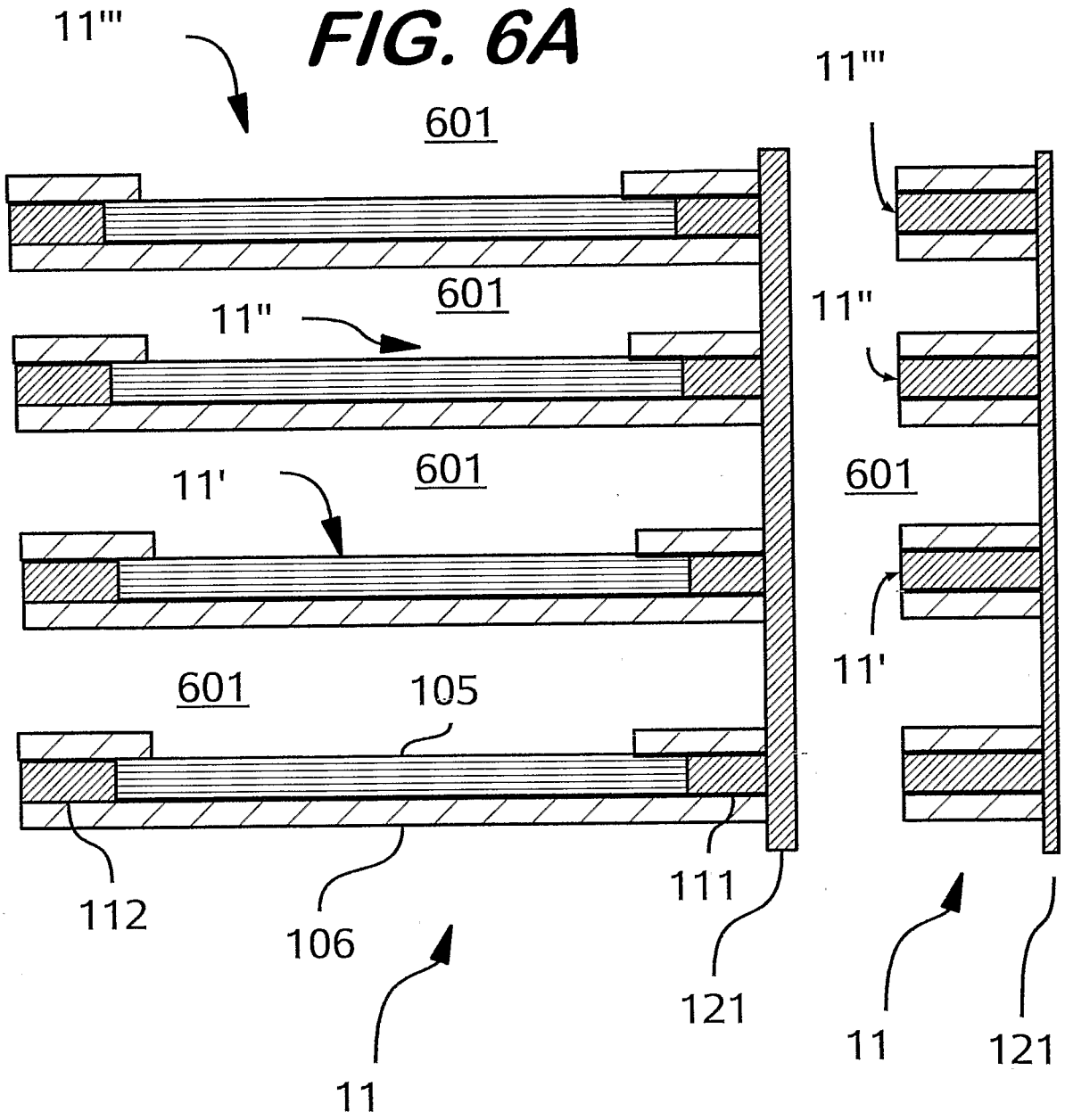


FIG. 6A

FIG. 6B

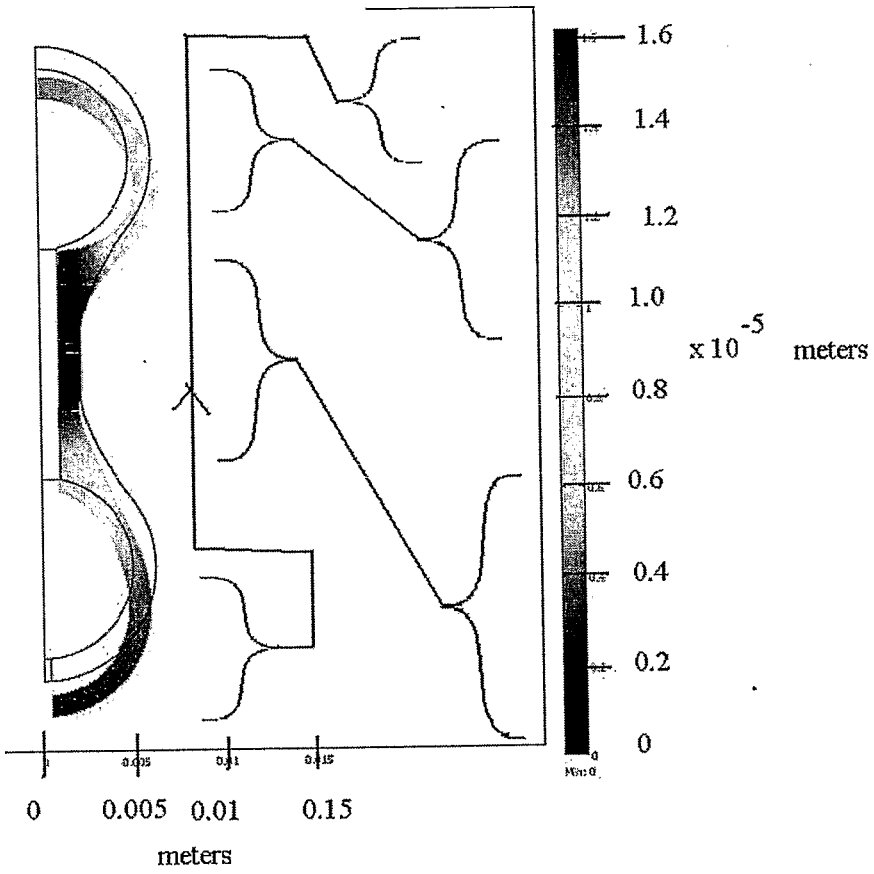


FIG. 7

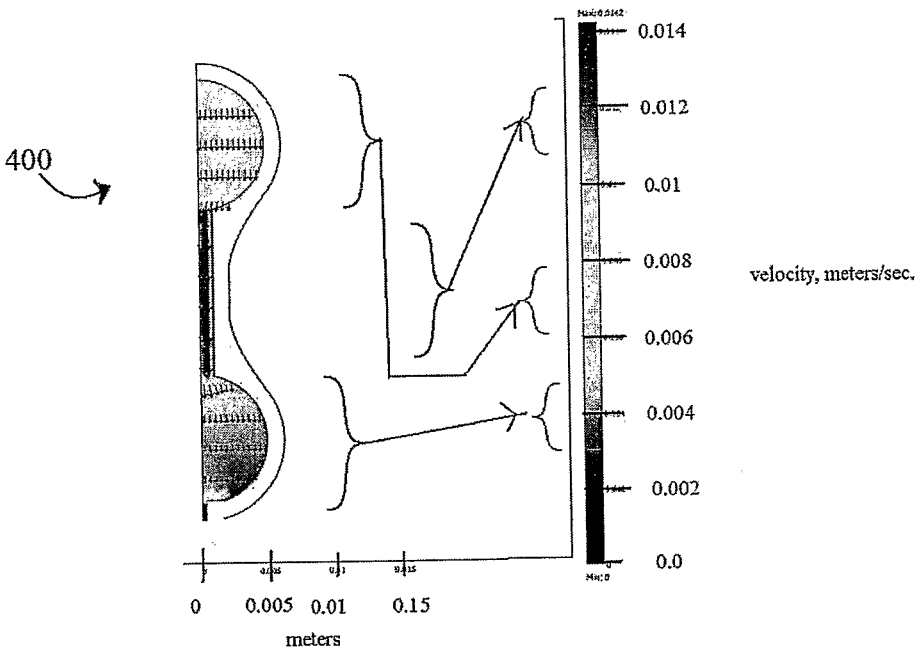

400
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0.0
velocity, meters/sec.
0
0.005
0.01
0.15
meters

FIG. 8

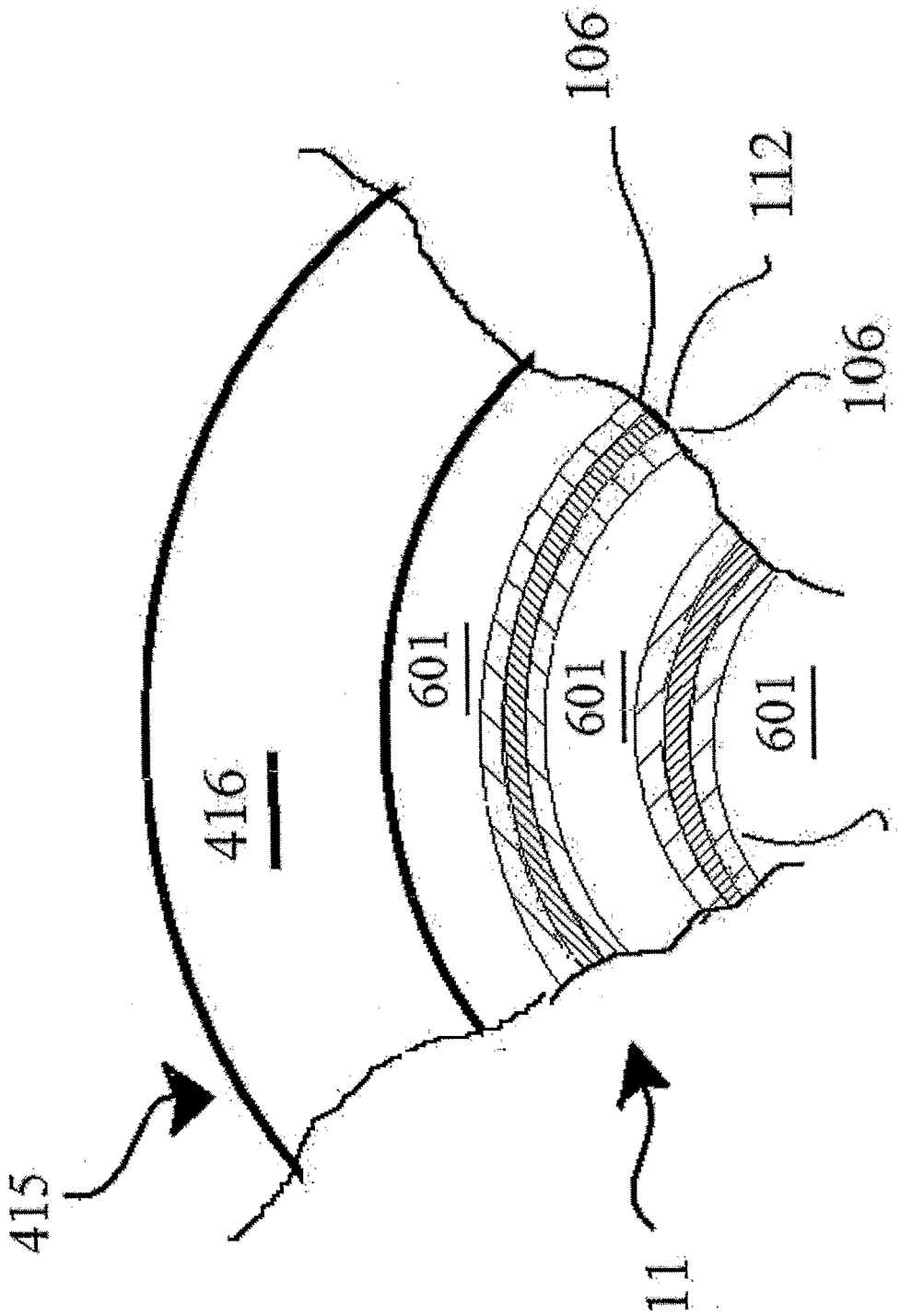


FIG. 9

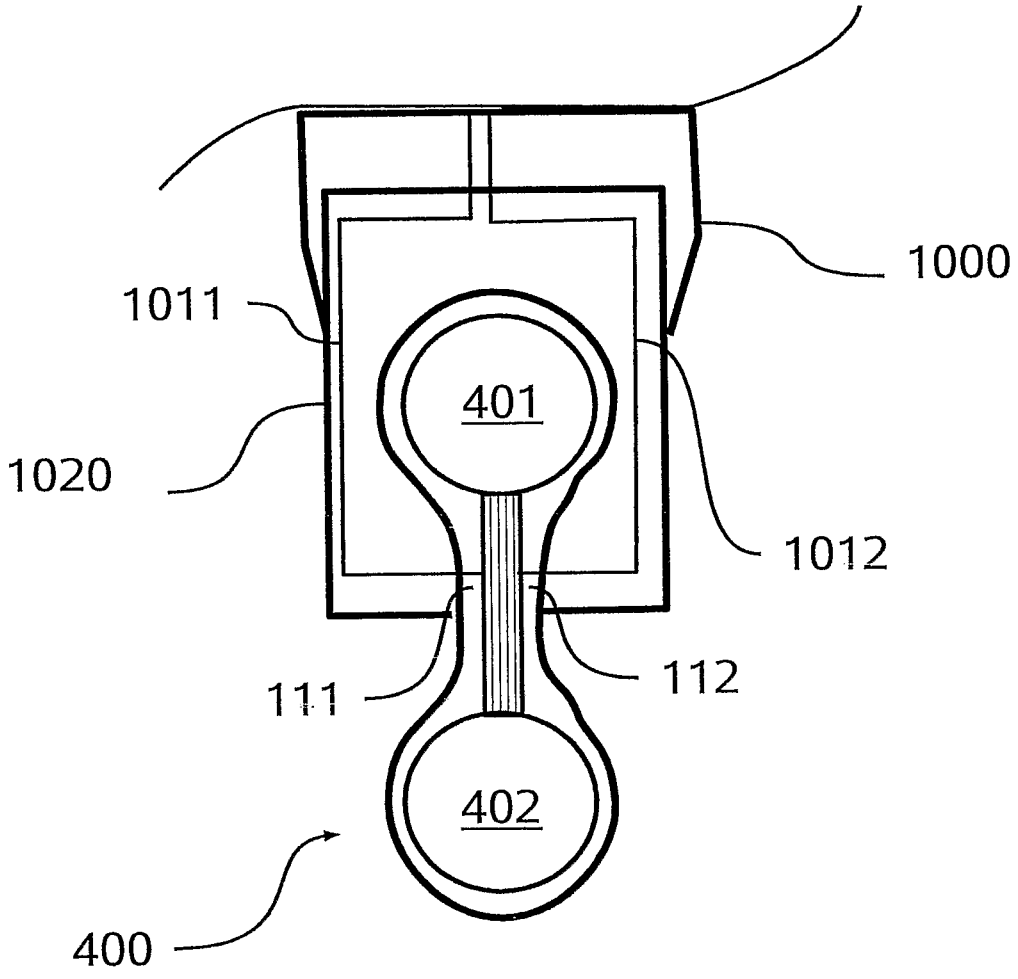


FIG. 10

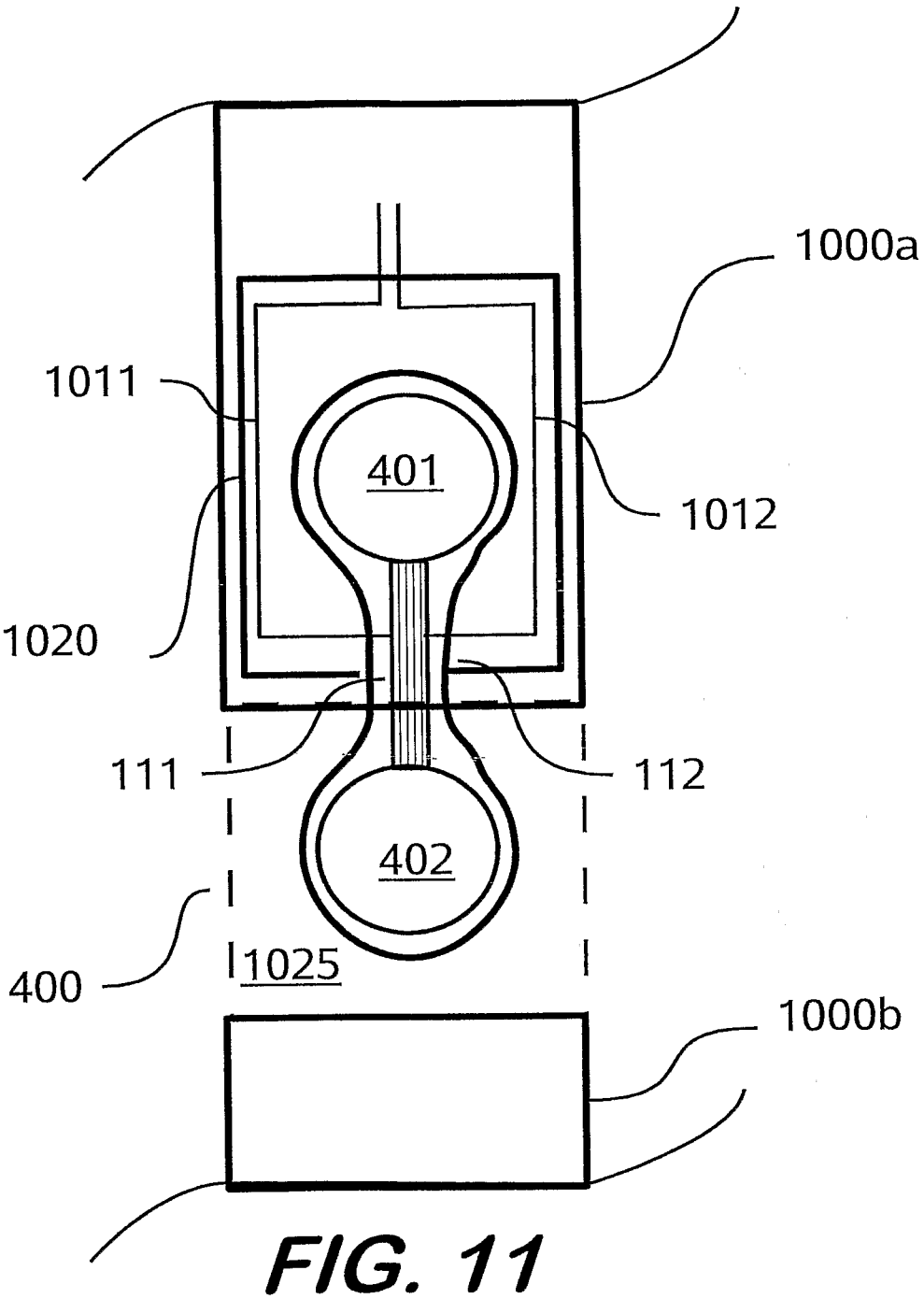


FIG. 11