

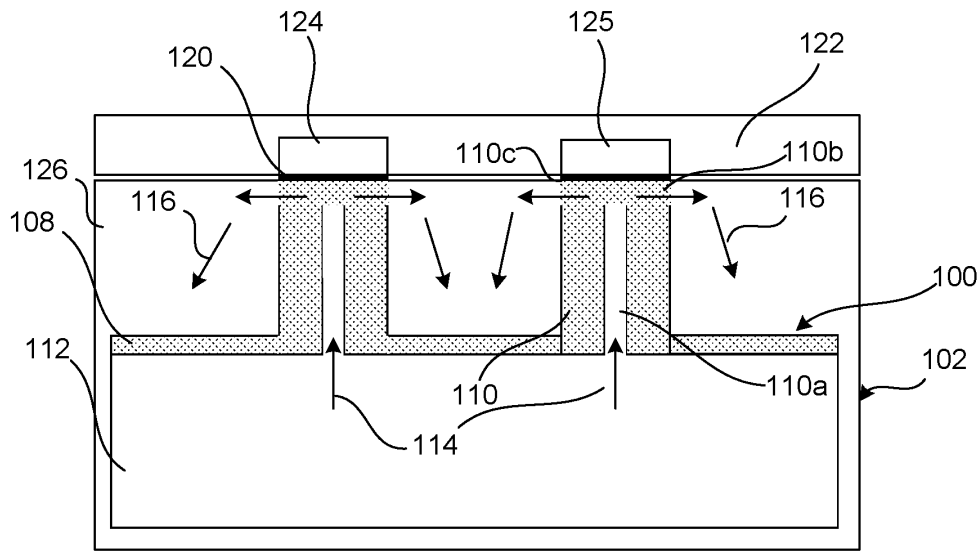


FIG.1

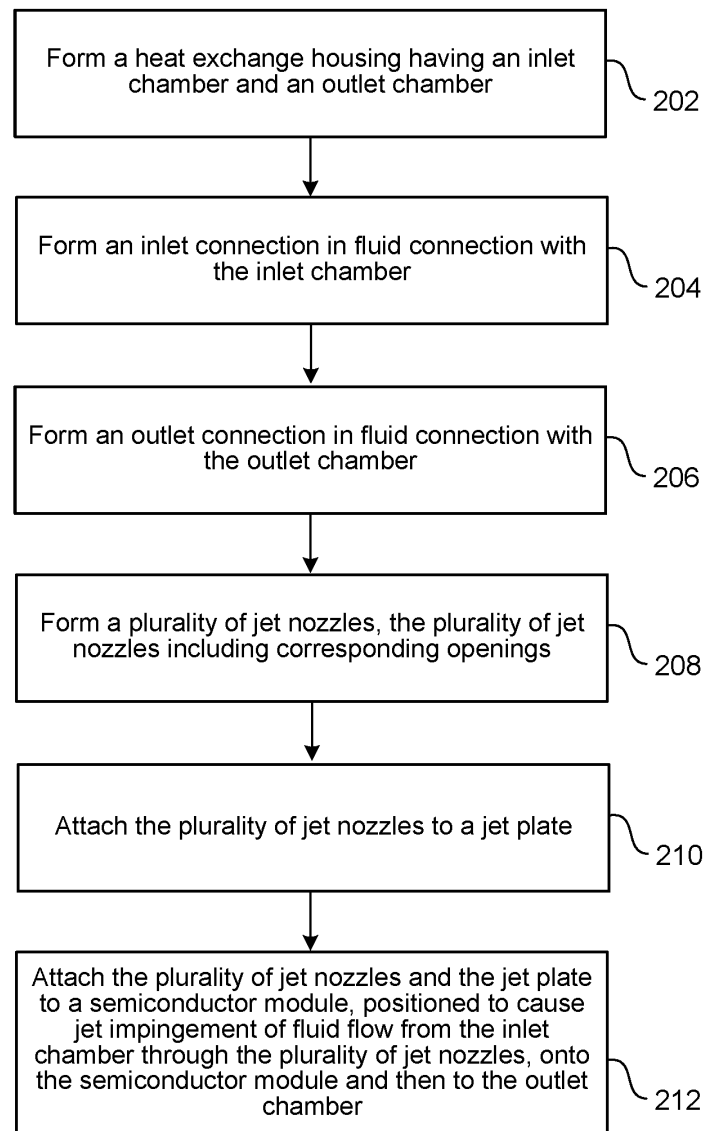


FIG. 2

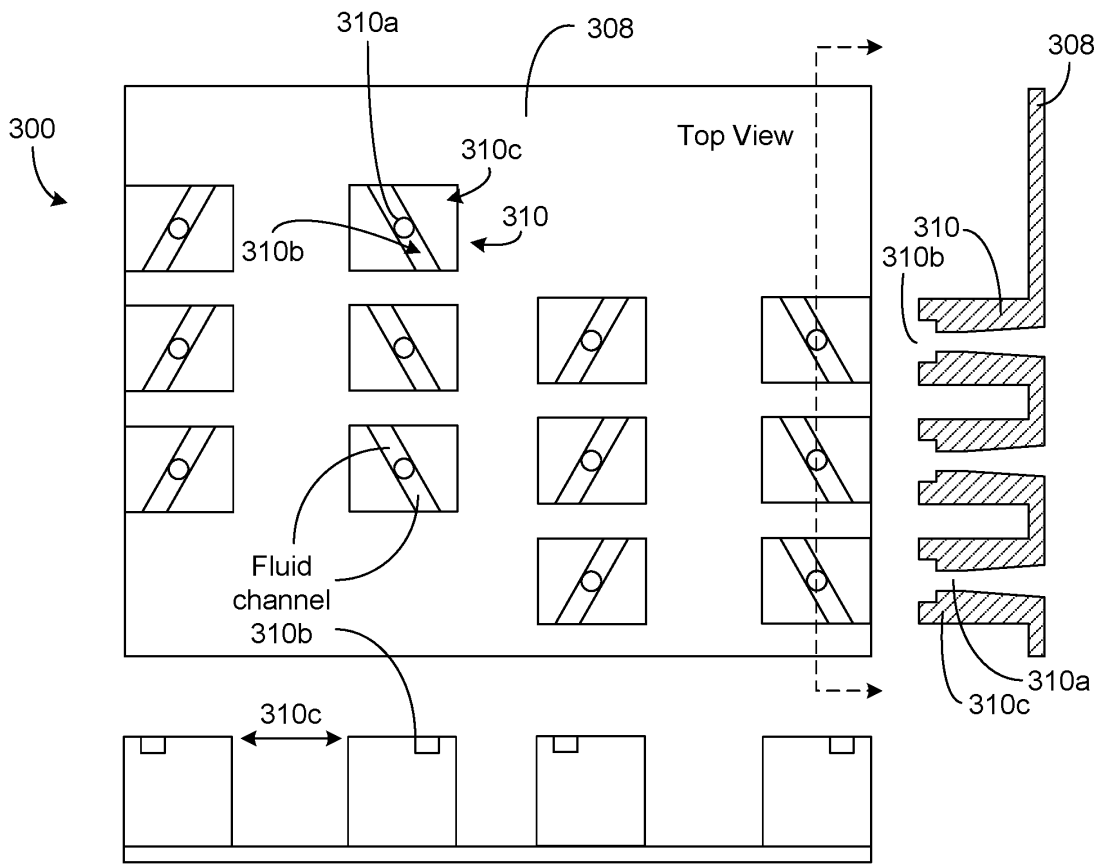


FIG.3

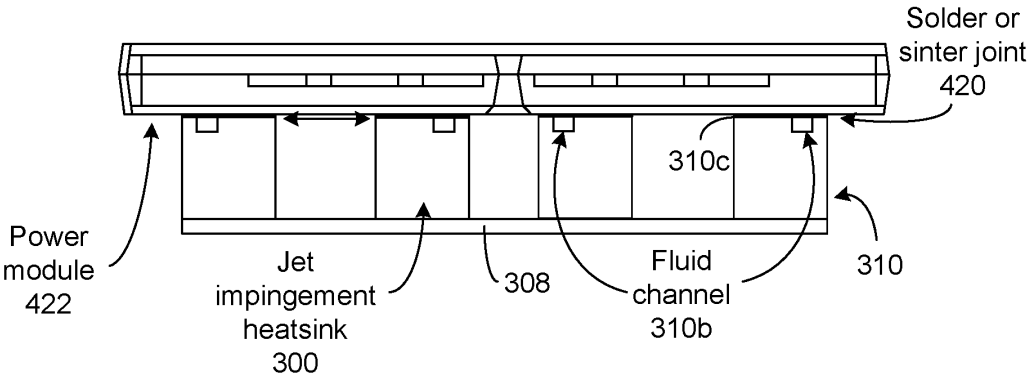


FIG.4

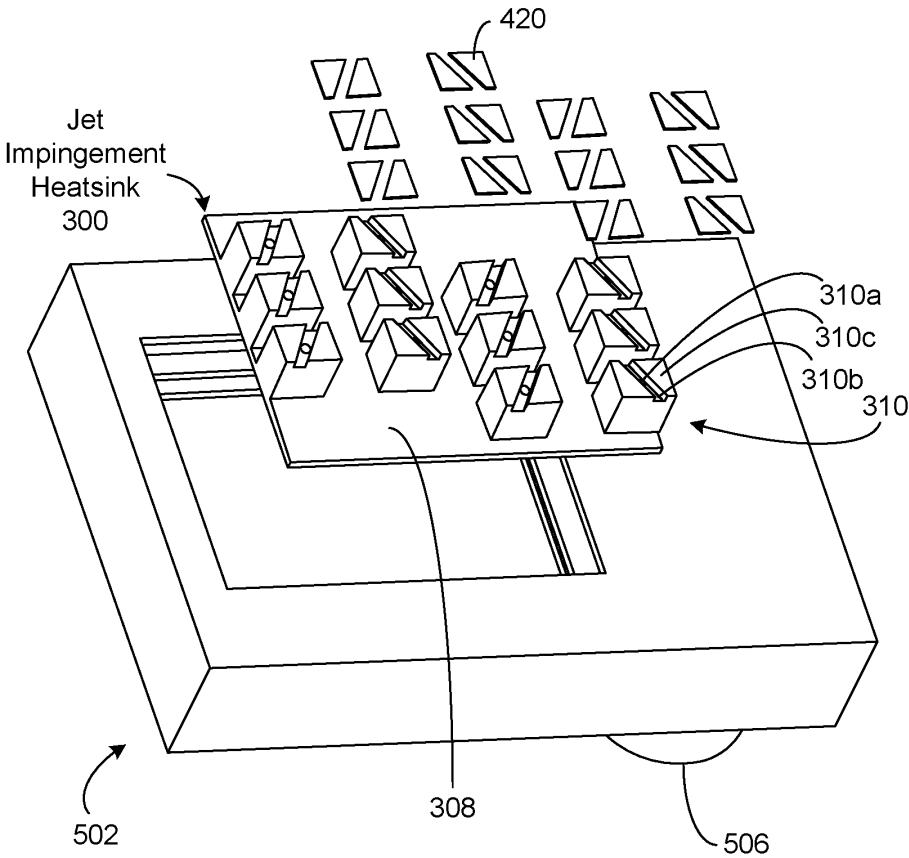
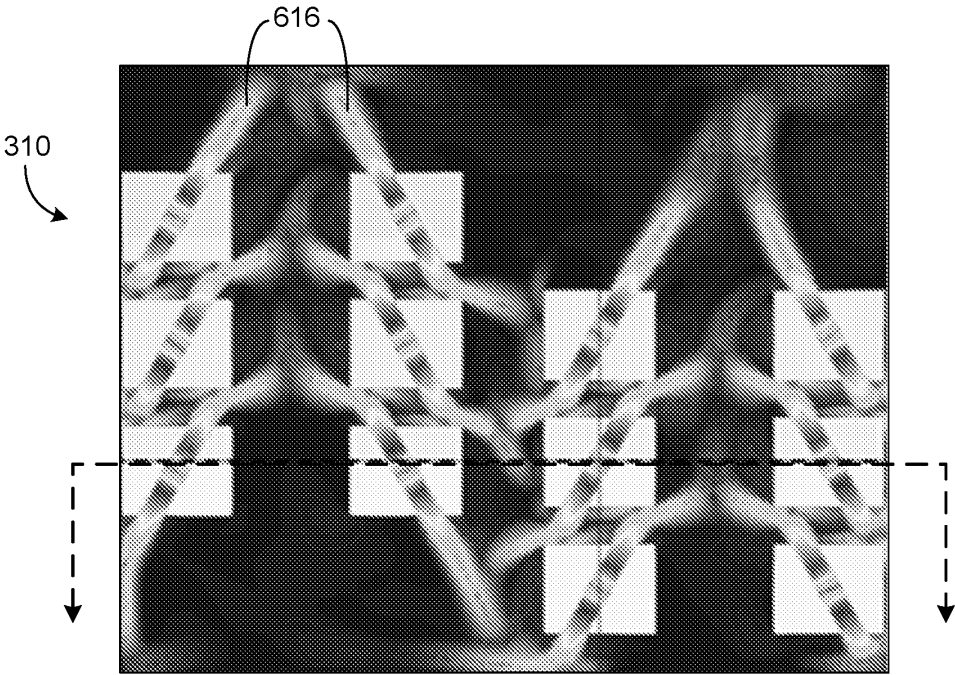
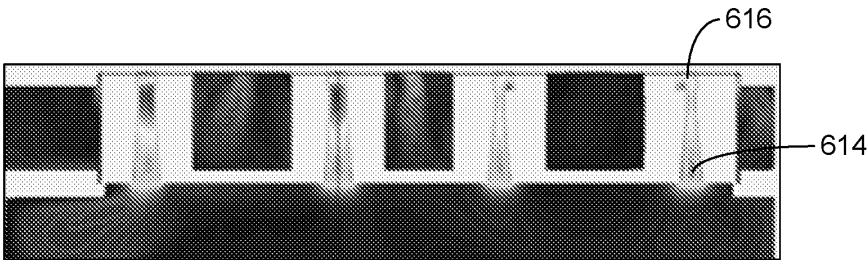


FIG. 5



Fluid velocity contour (top view)

FIG. 6A



Fluid velocity contour (front view)

FIG. 6B

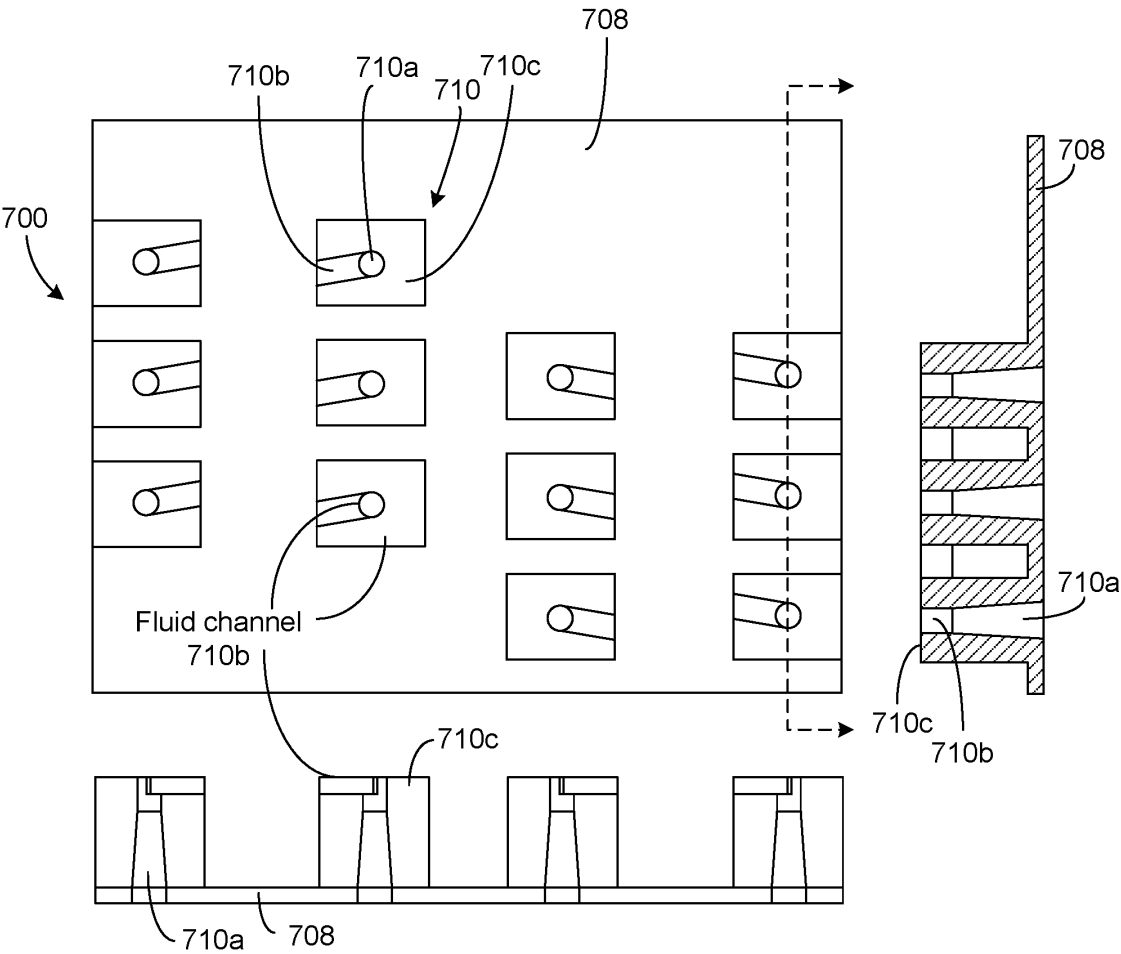


FIG. 7

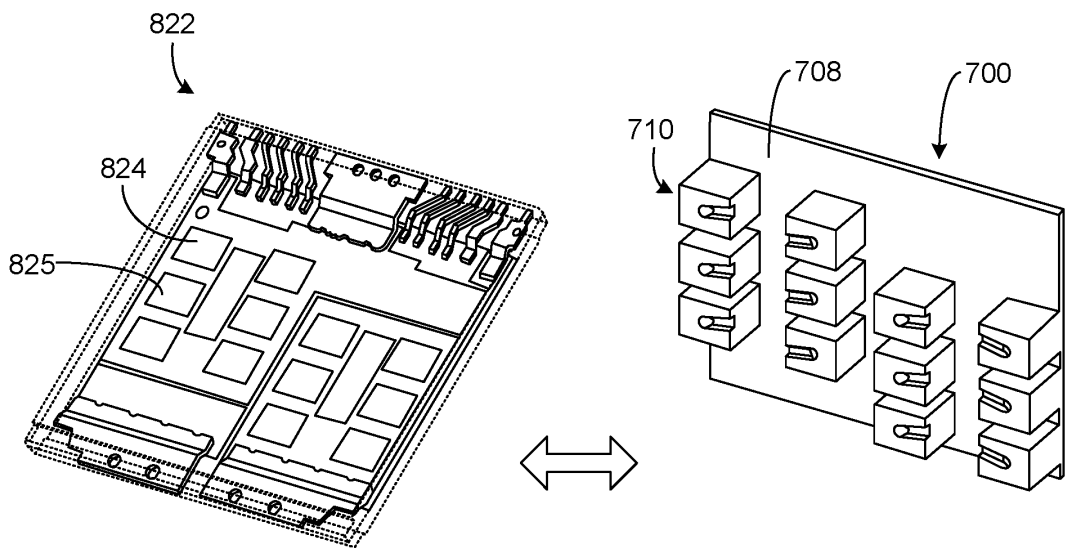


FIG. 8

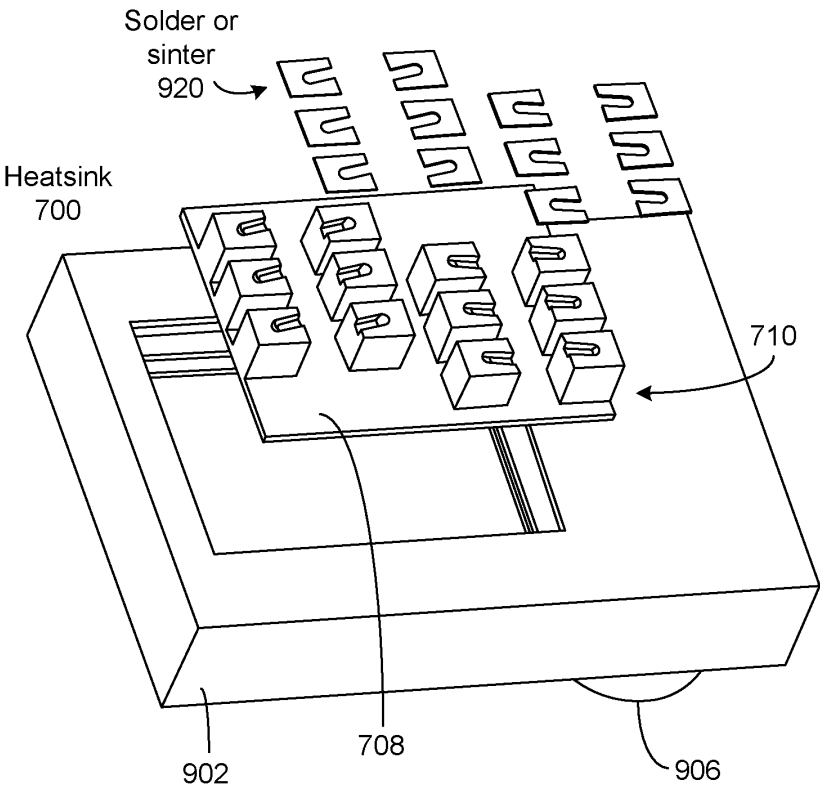


FIG.9

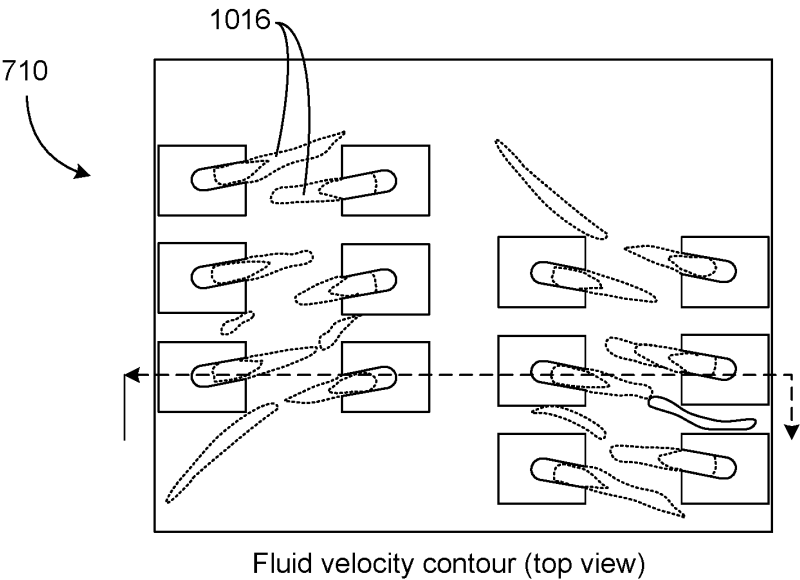


FIG. 10A

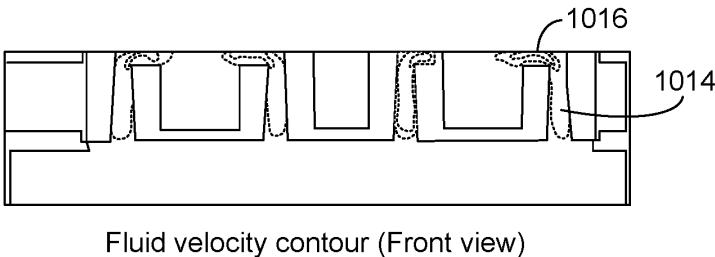


FIG. 10B

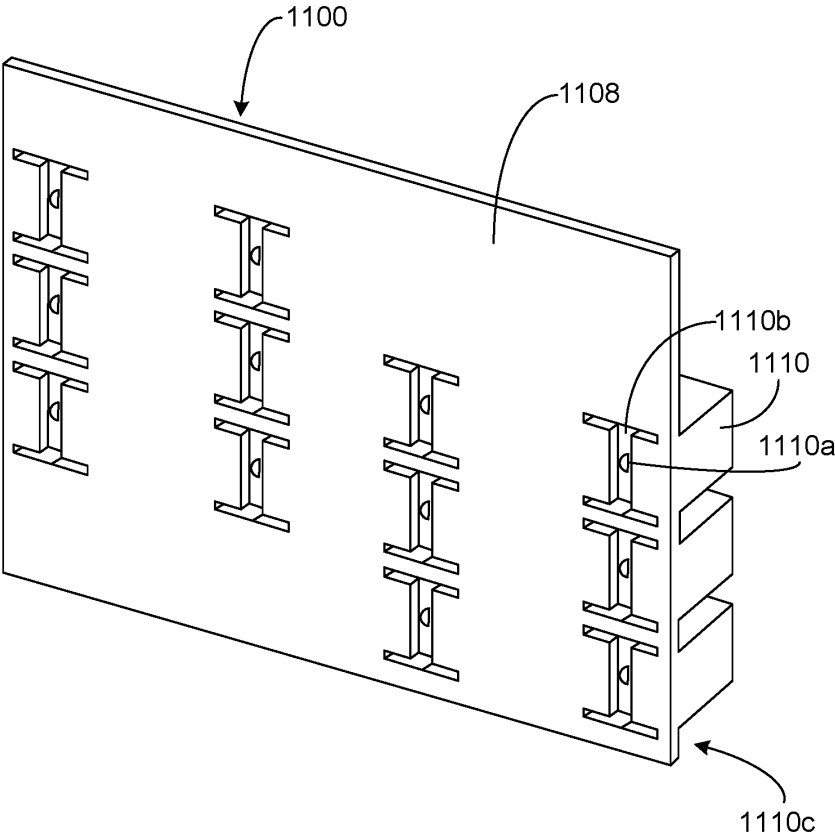


FIG.11

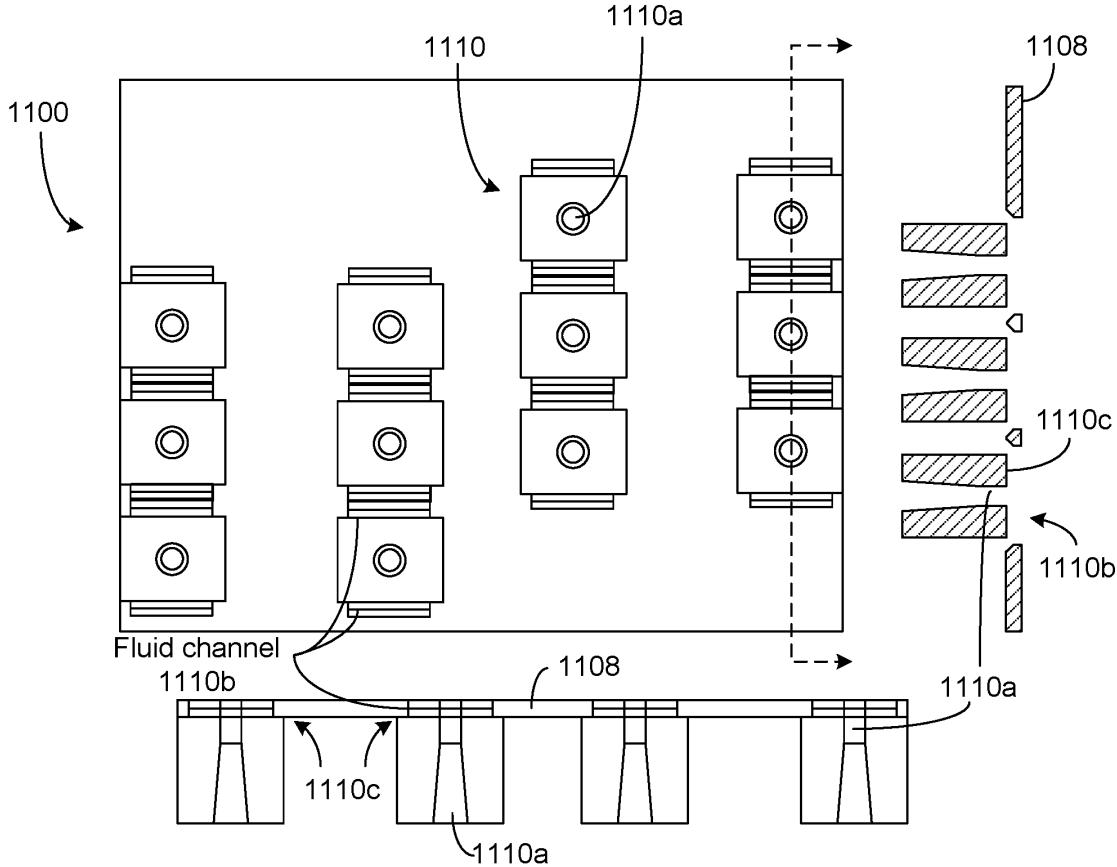


FIG.12

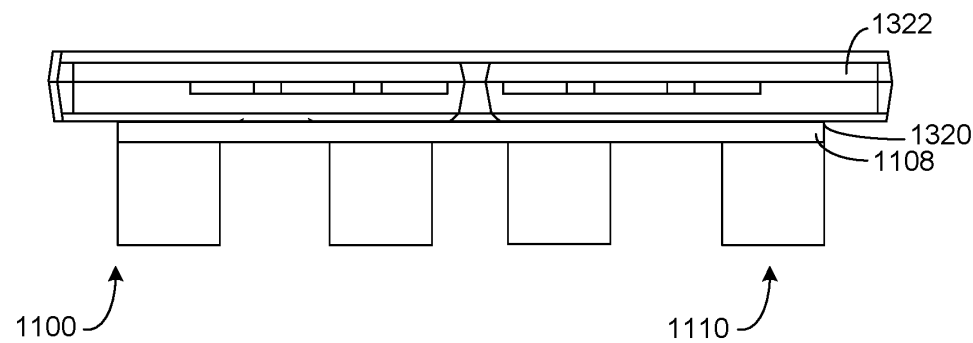


FIG.13

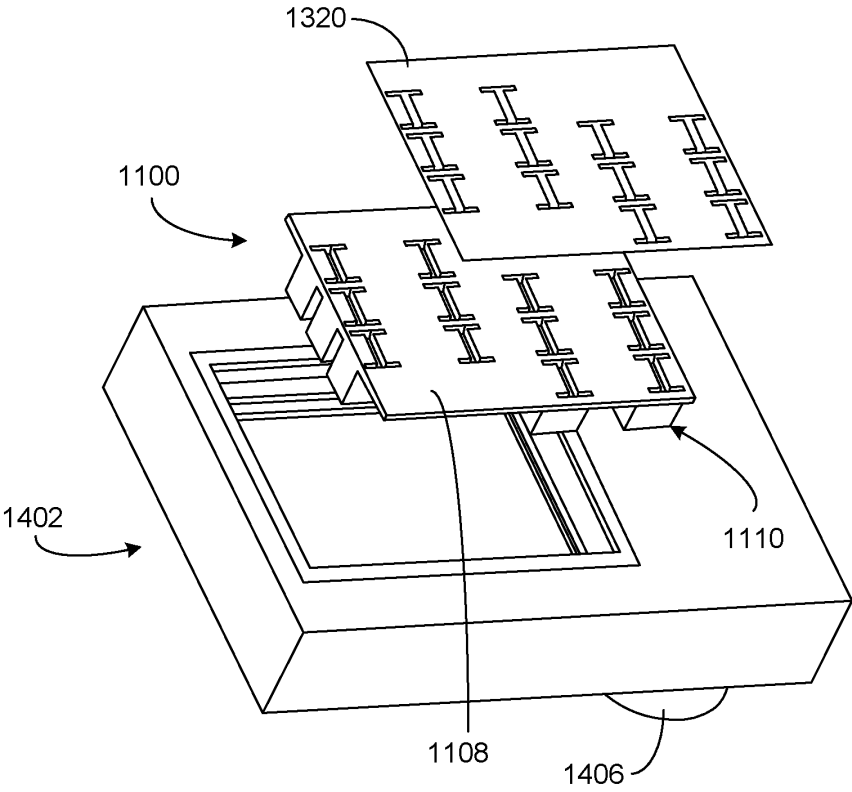
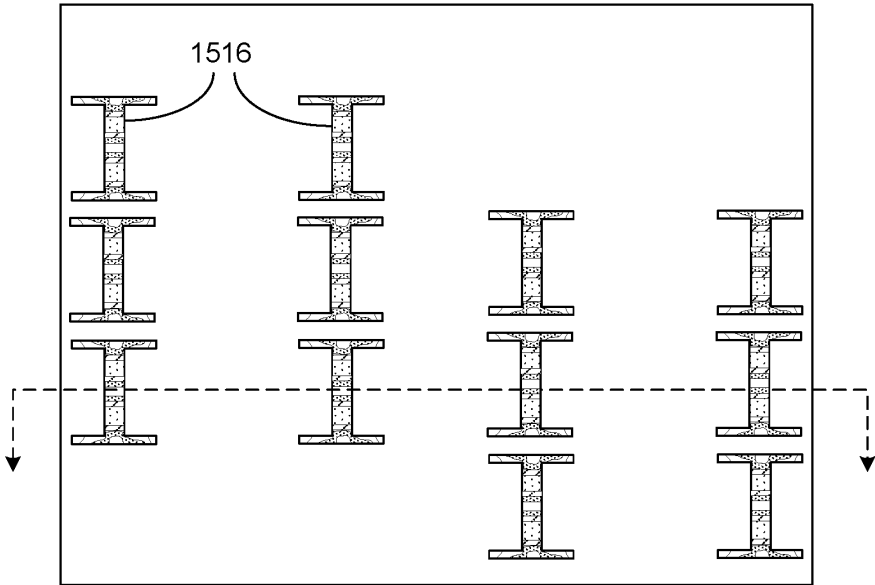
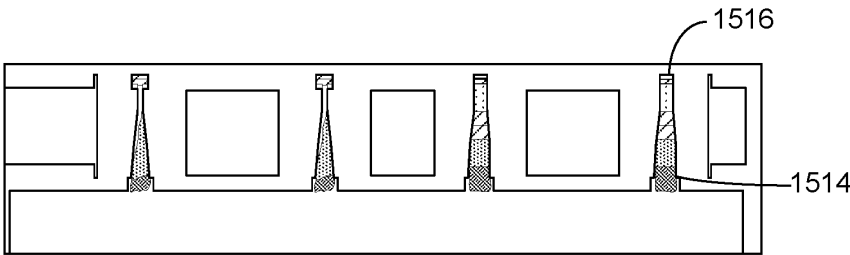


FIG.14



Fluid velocity contour (top view)

FIG.15A



Fluid velocity contour (front view)

FIG.15B

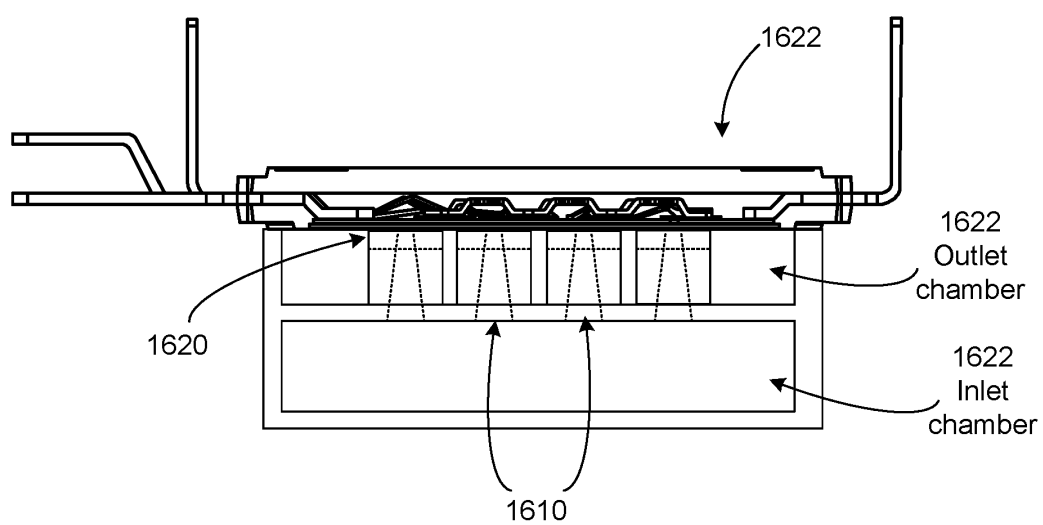


FIG.16

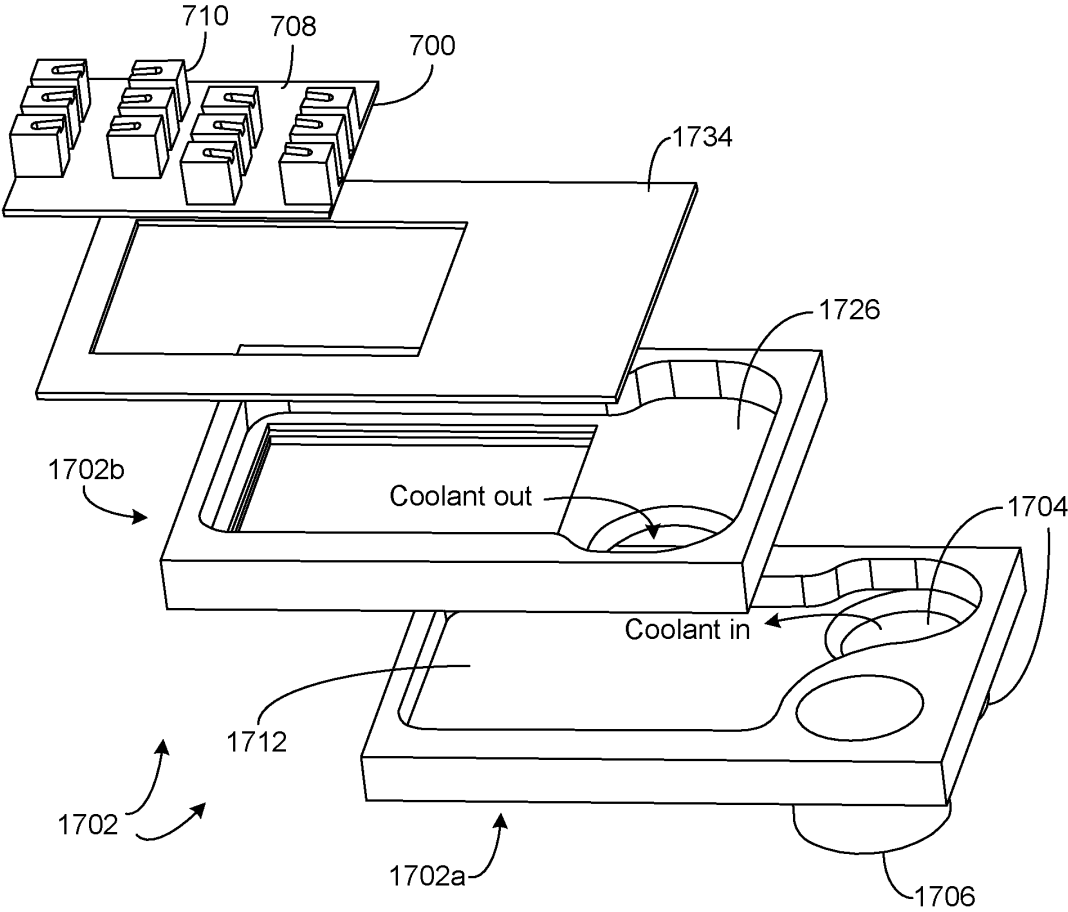


FIG.17

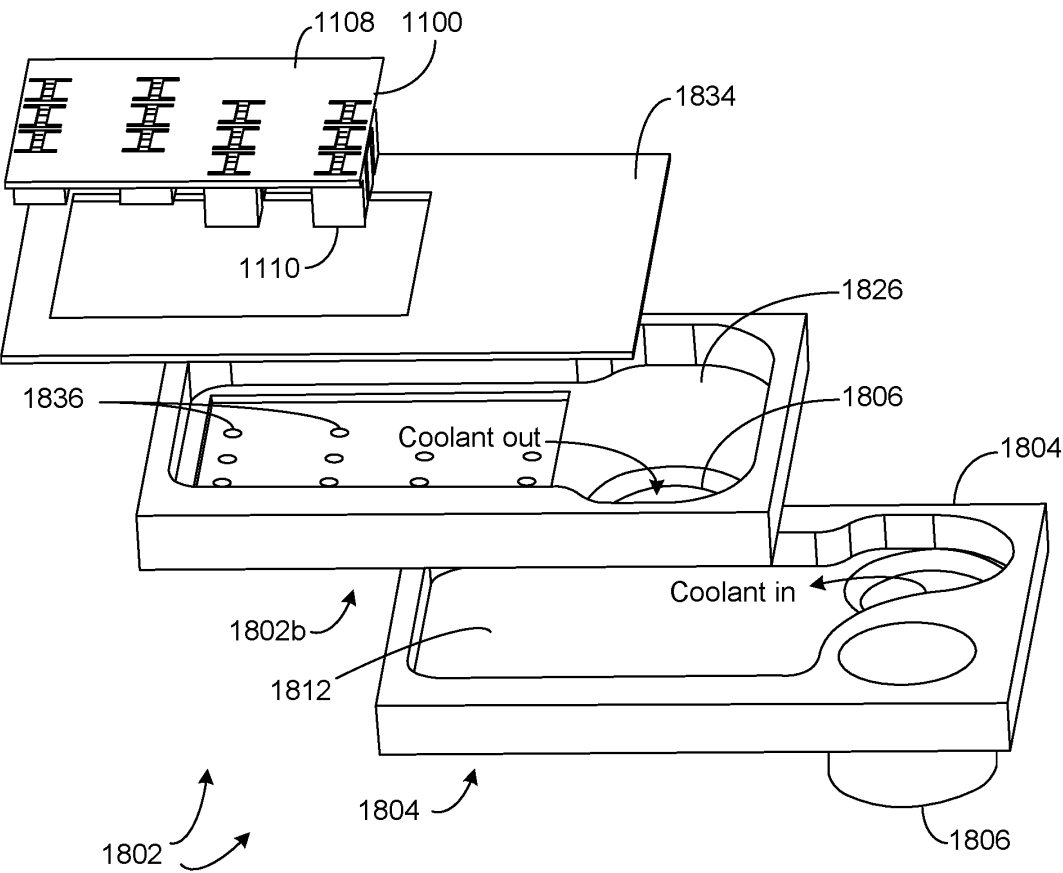


FIG.18

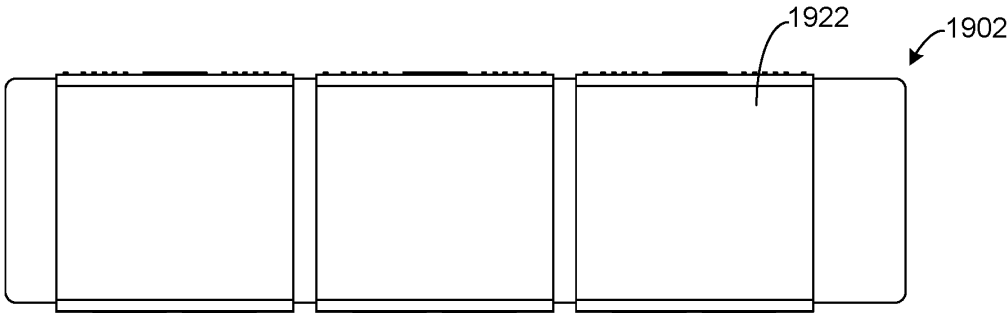


FIG. 19

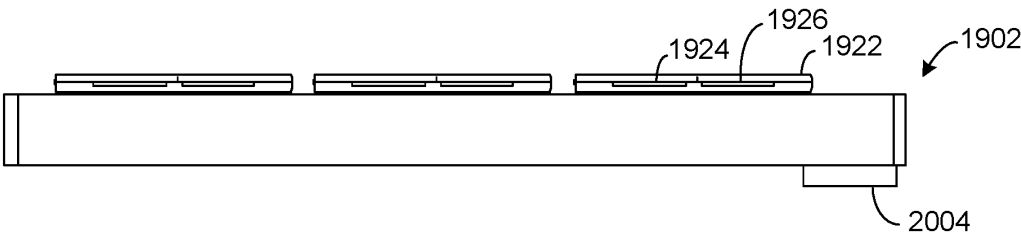


FIG. 20



FIG. 21

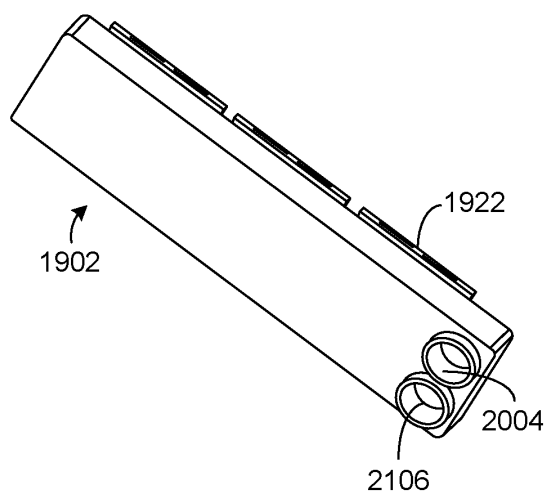


FIG.22

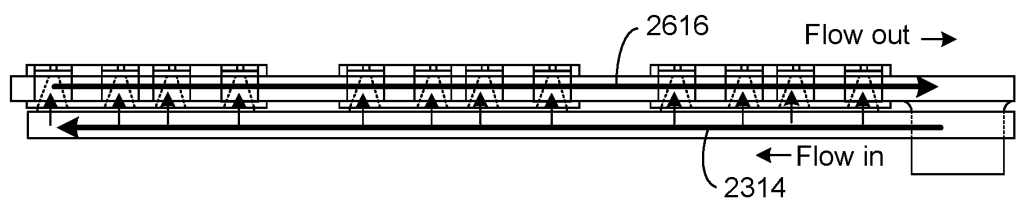


FIG.23

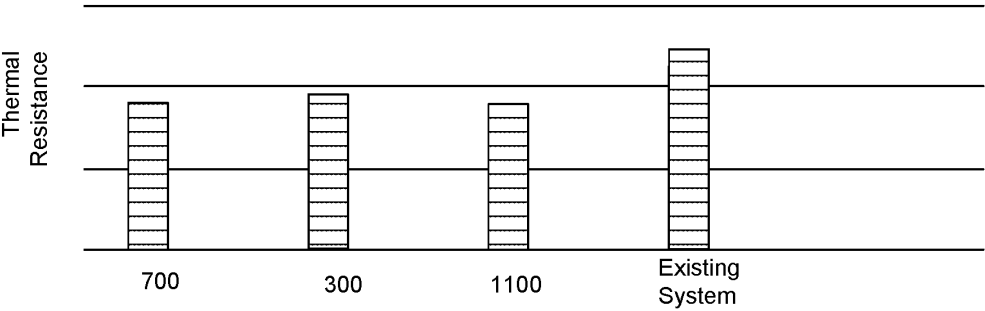


FIG.24

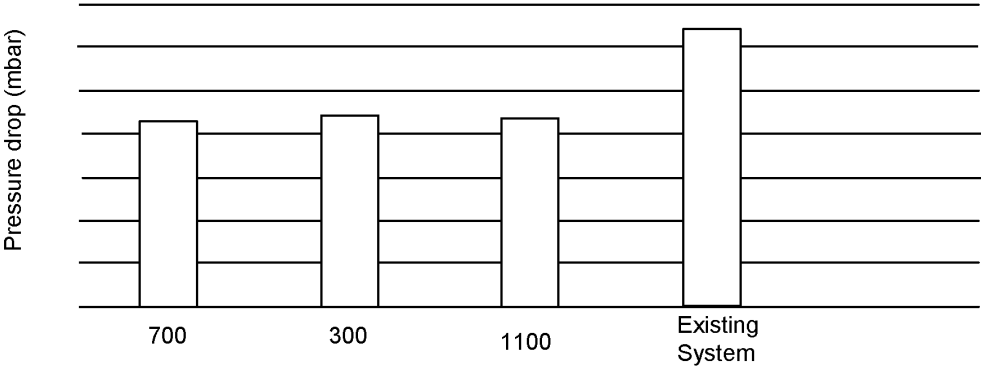


FIG.25