

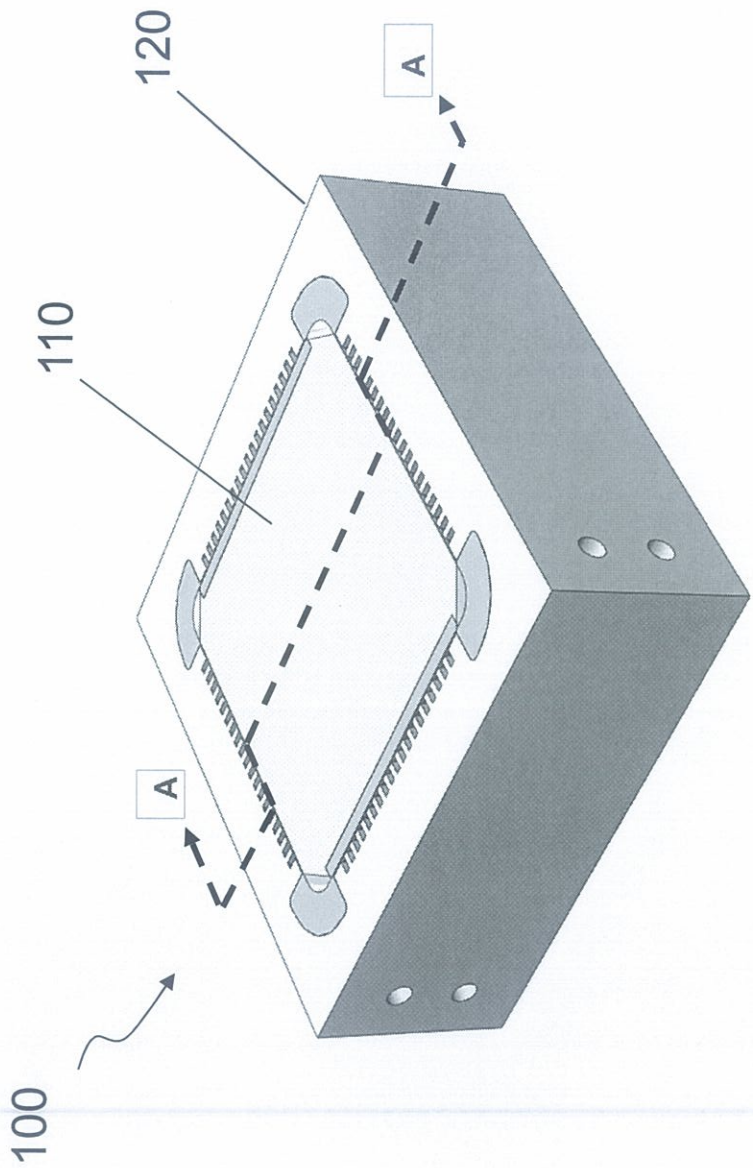


FIG. 1

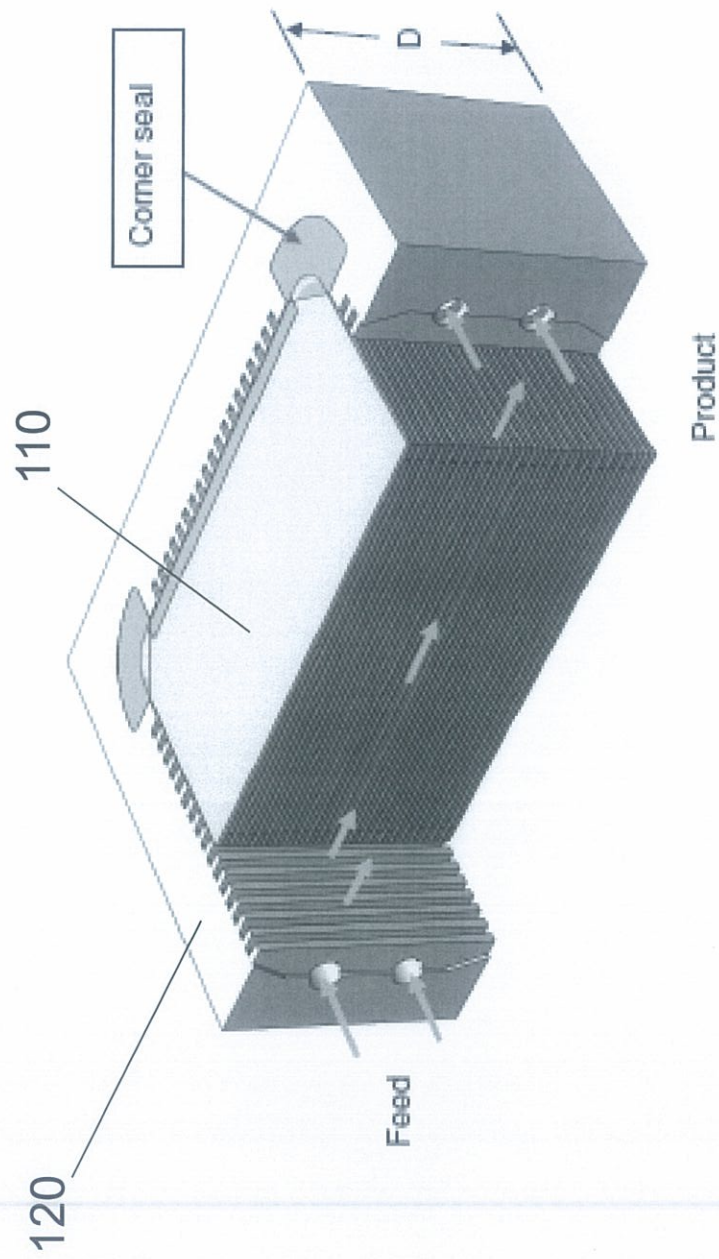
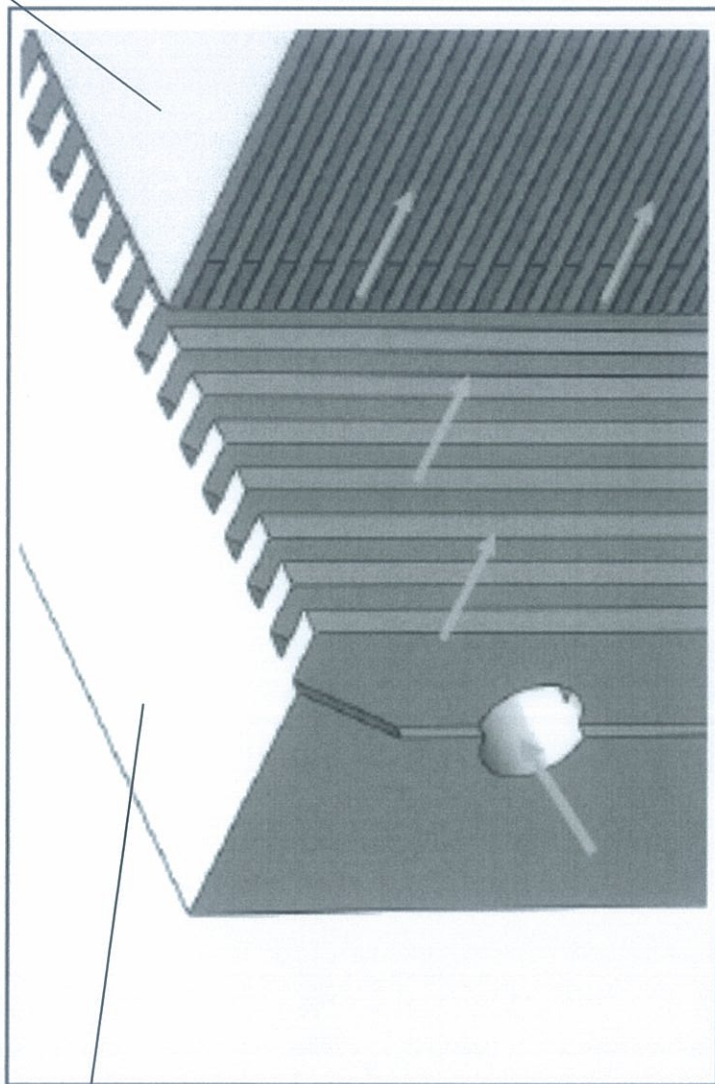


FIG. 2

110



120

FIG. 3

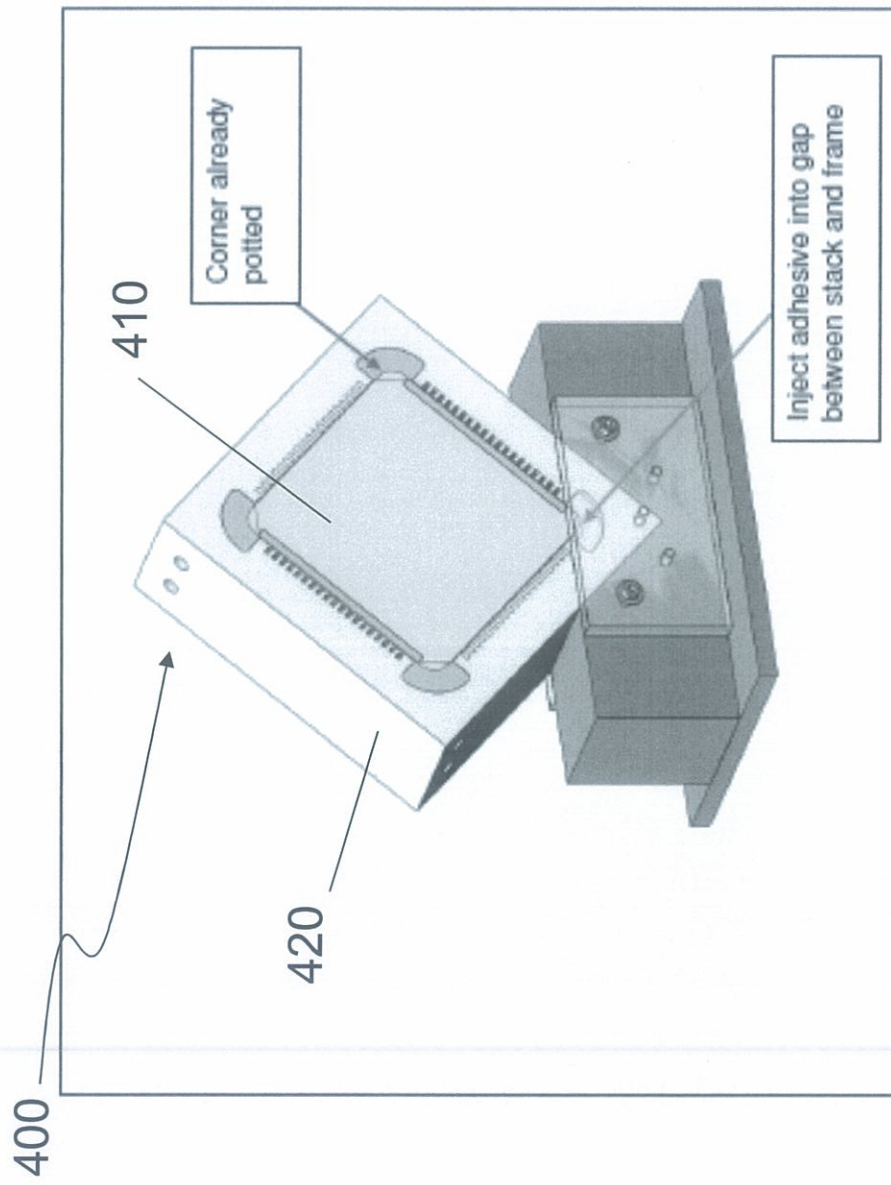


FIG. 4

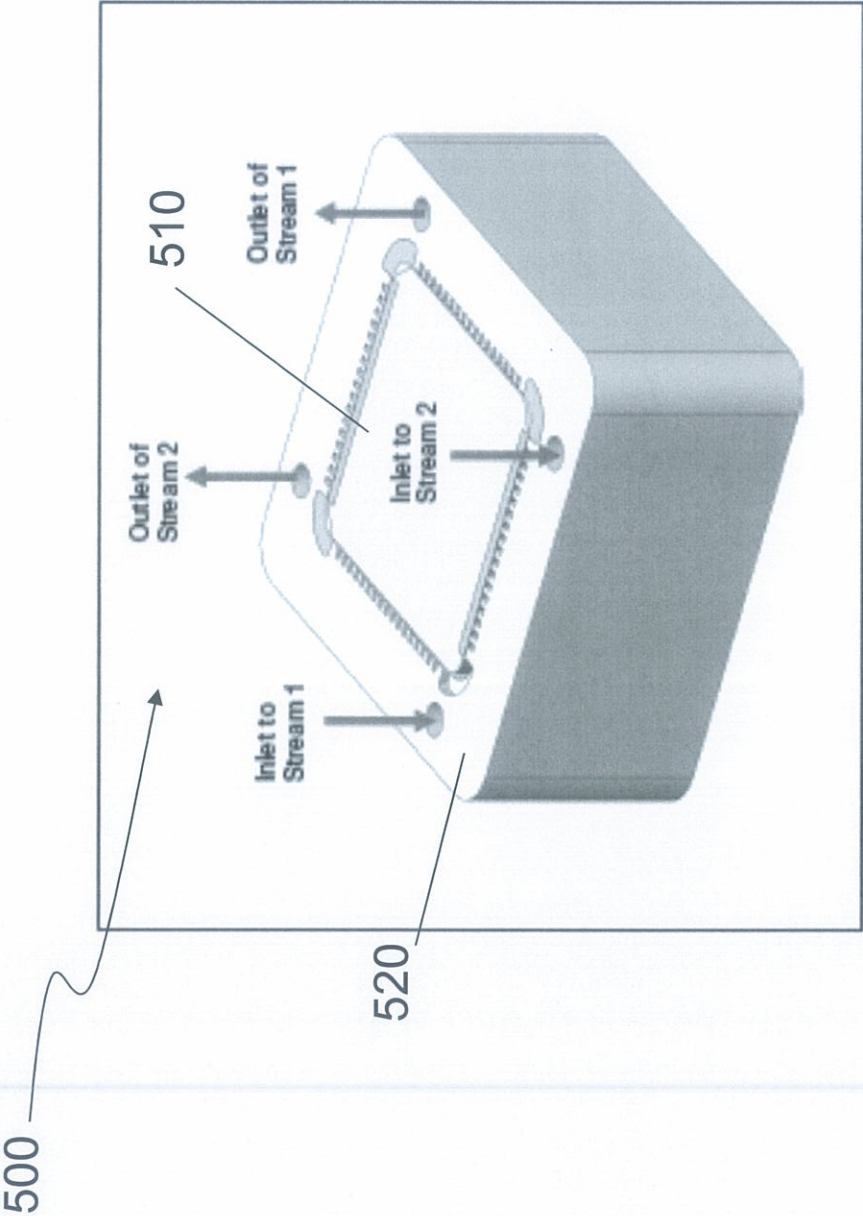


FIG. 5

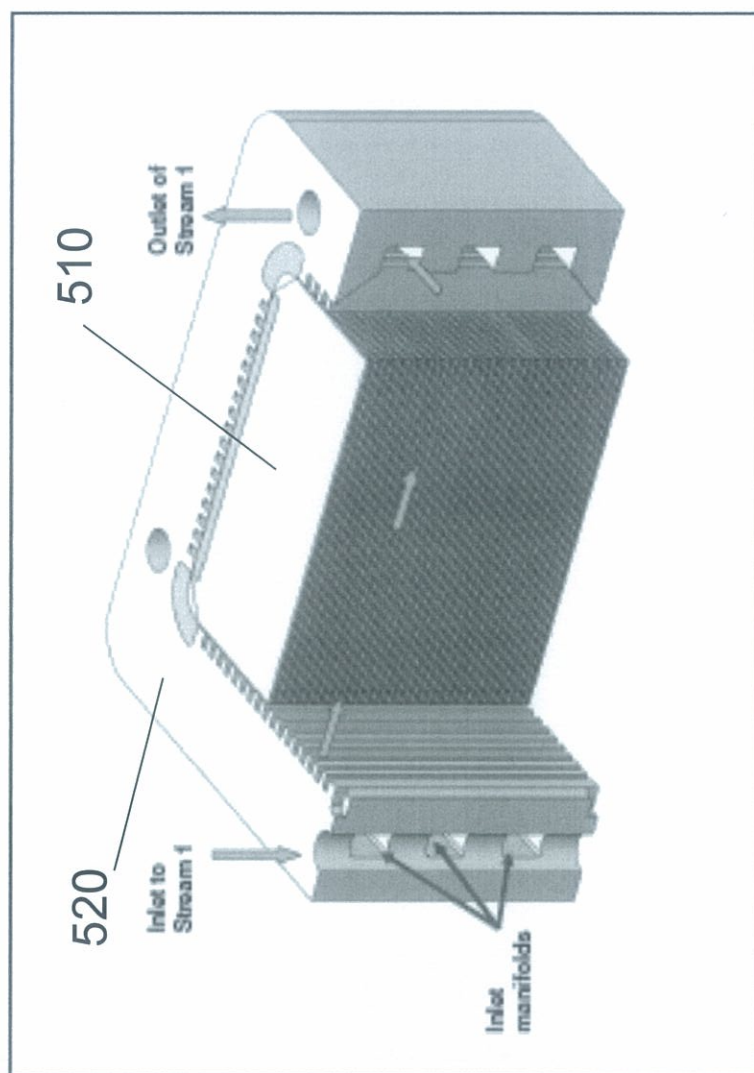


FIG. 6

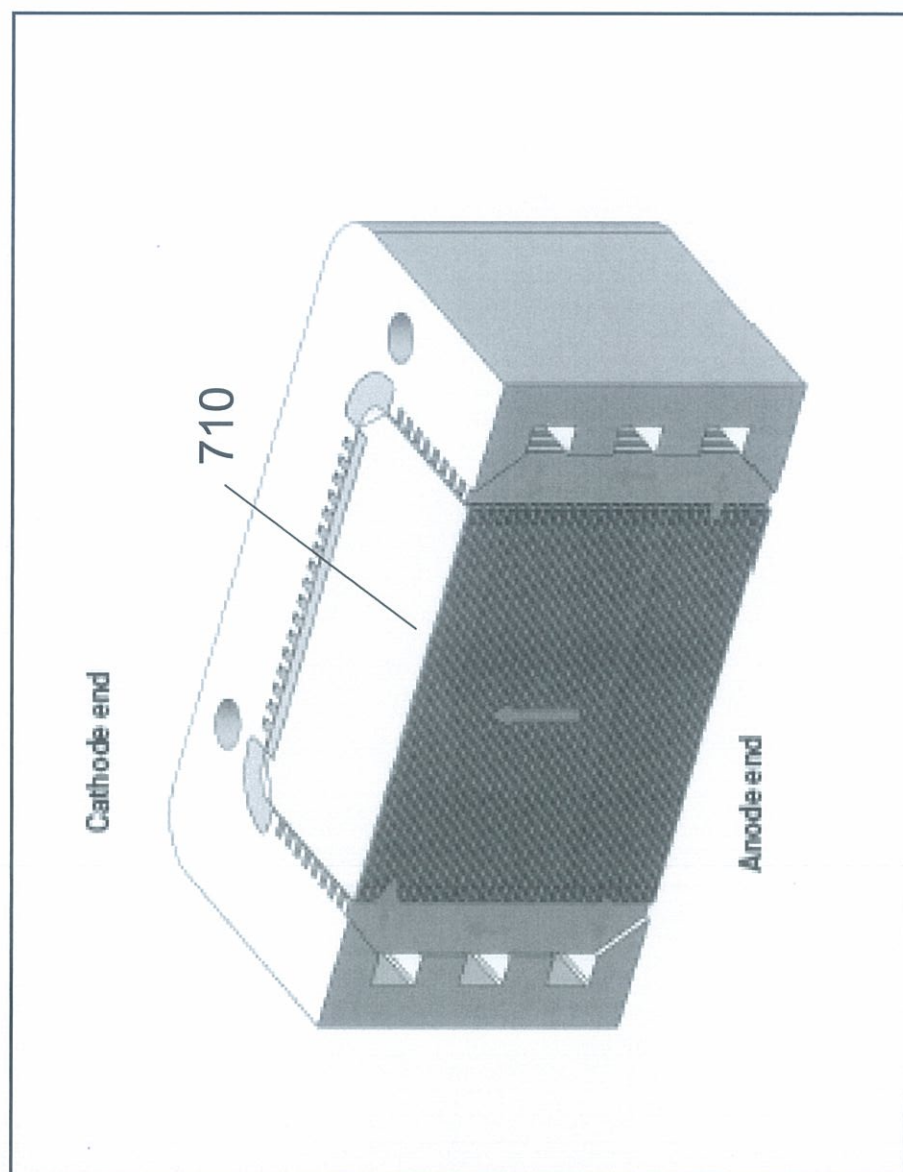


FIG. 7

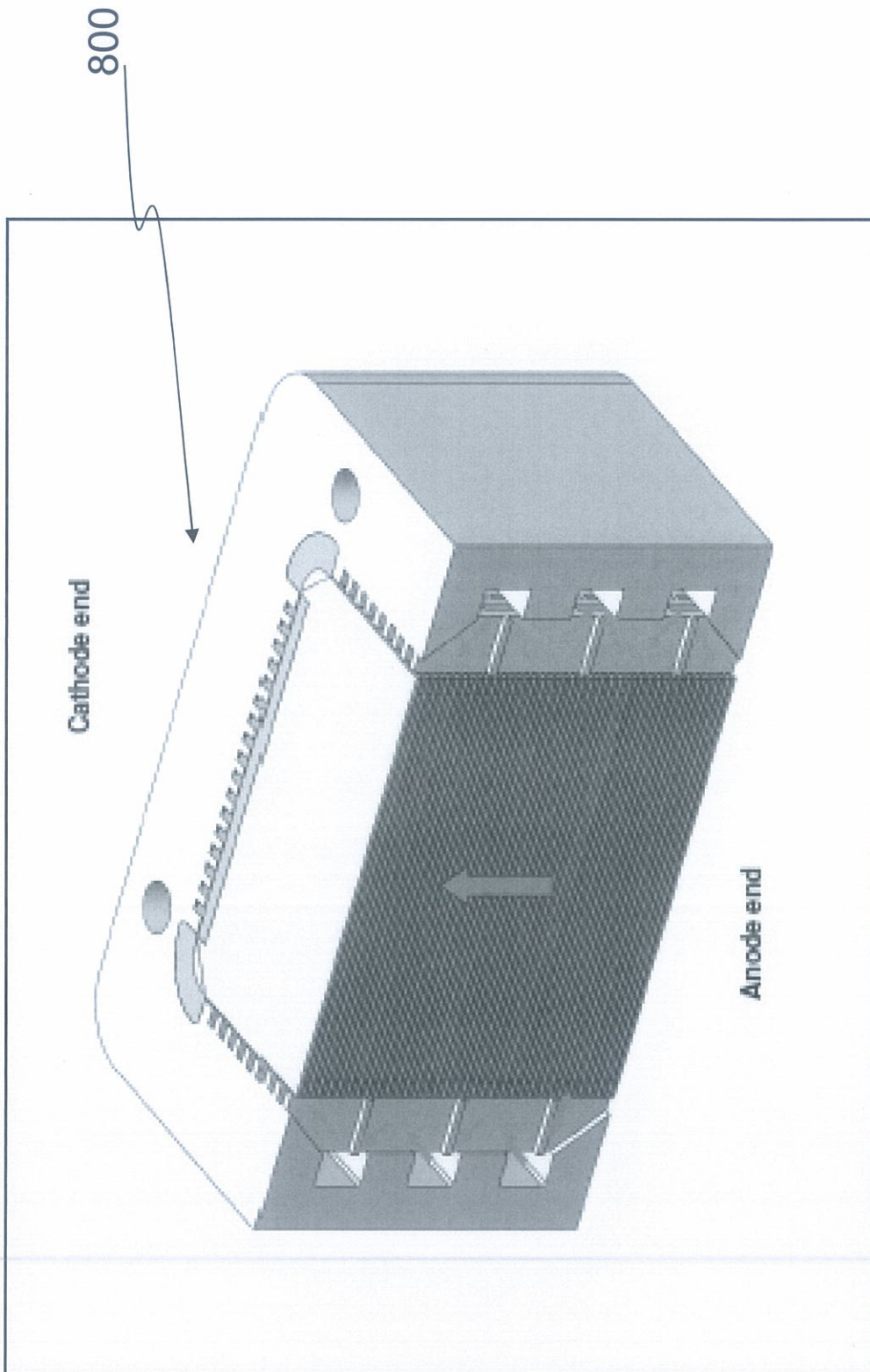


FIG. 8

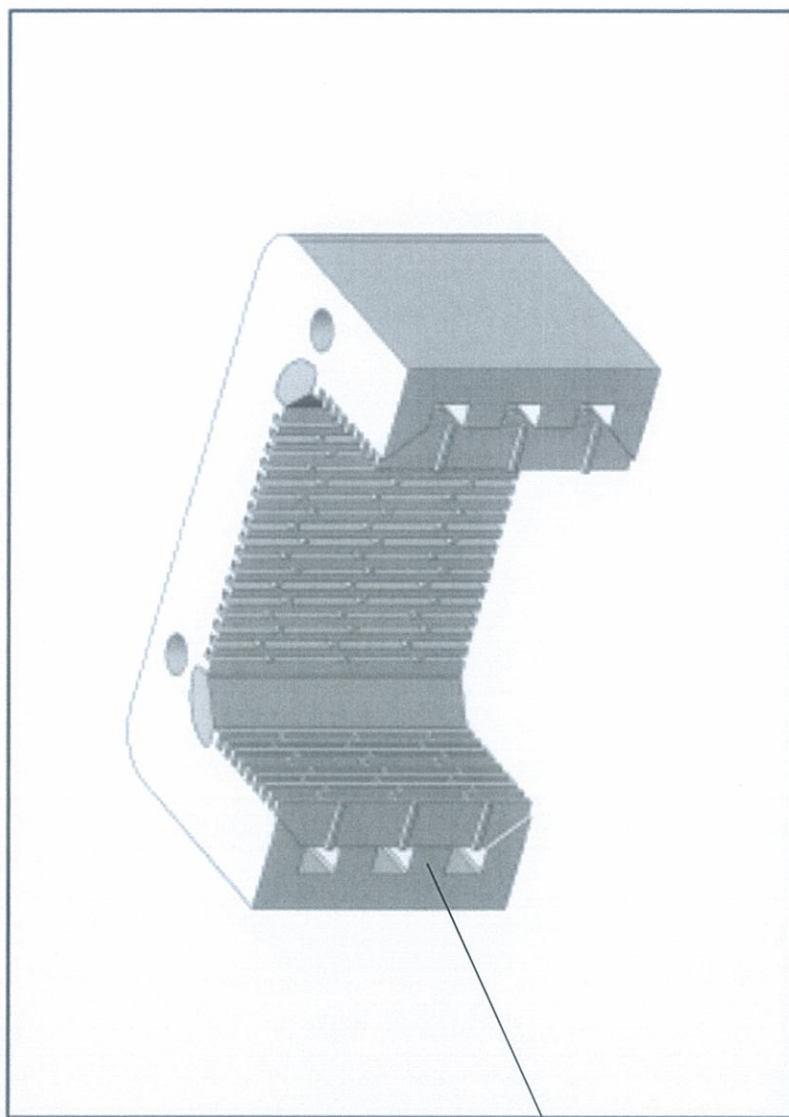


FIG. 9

930

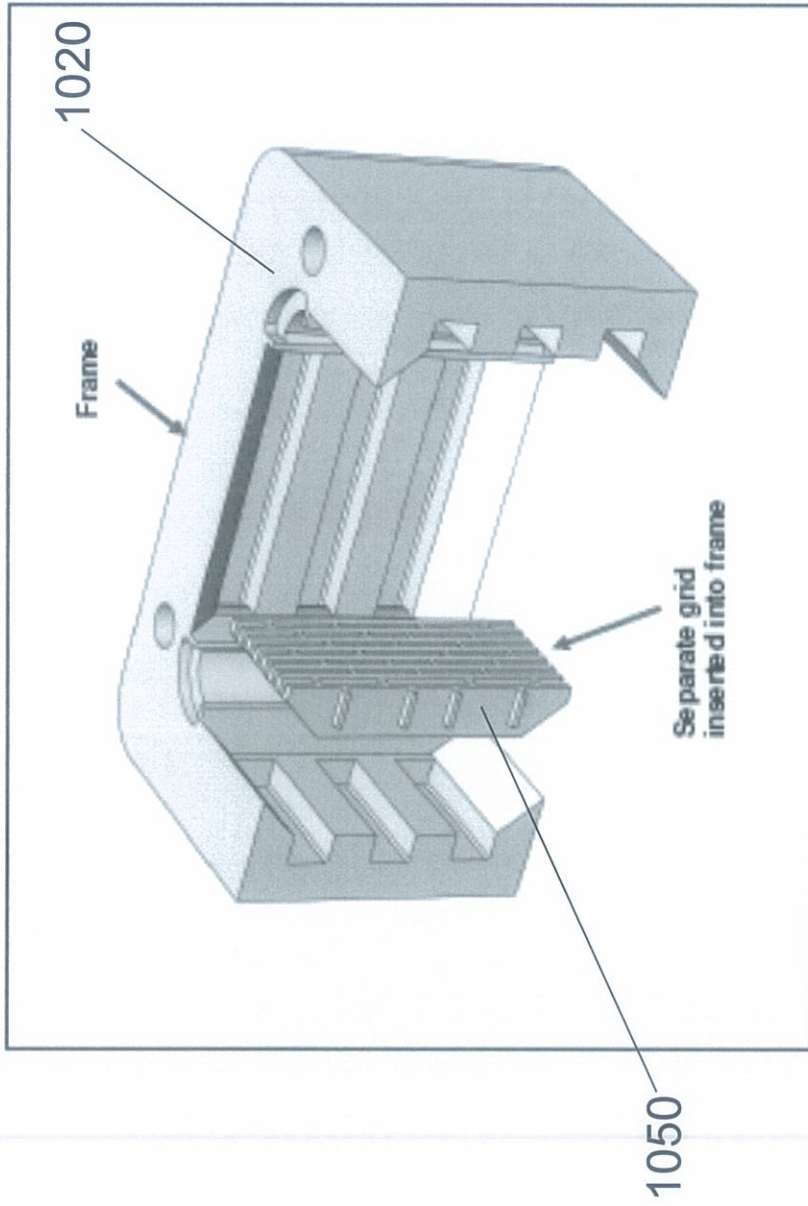


FIG. 10

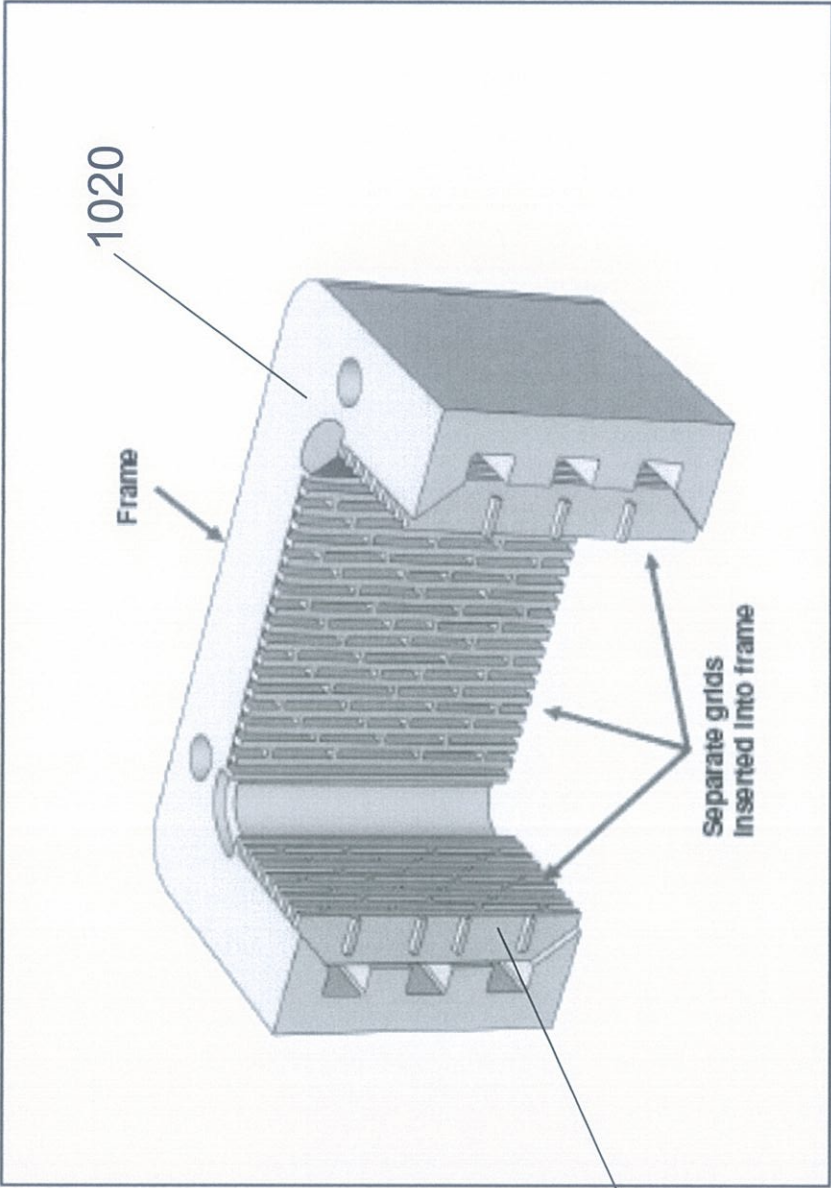


FIG. 11

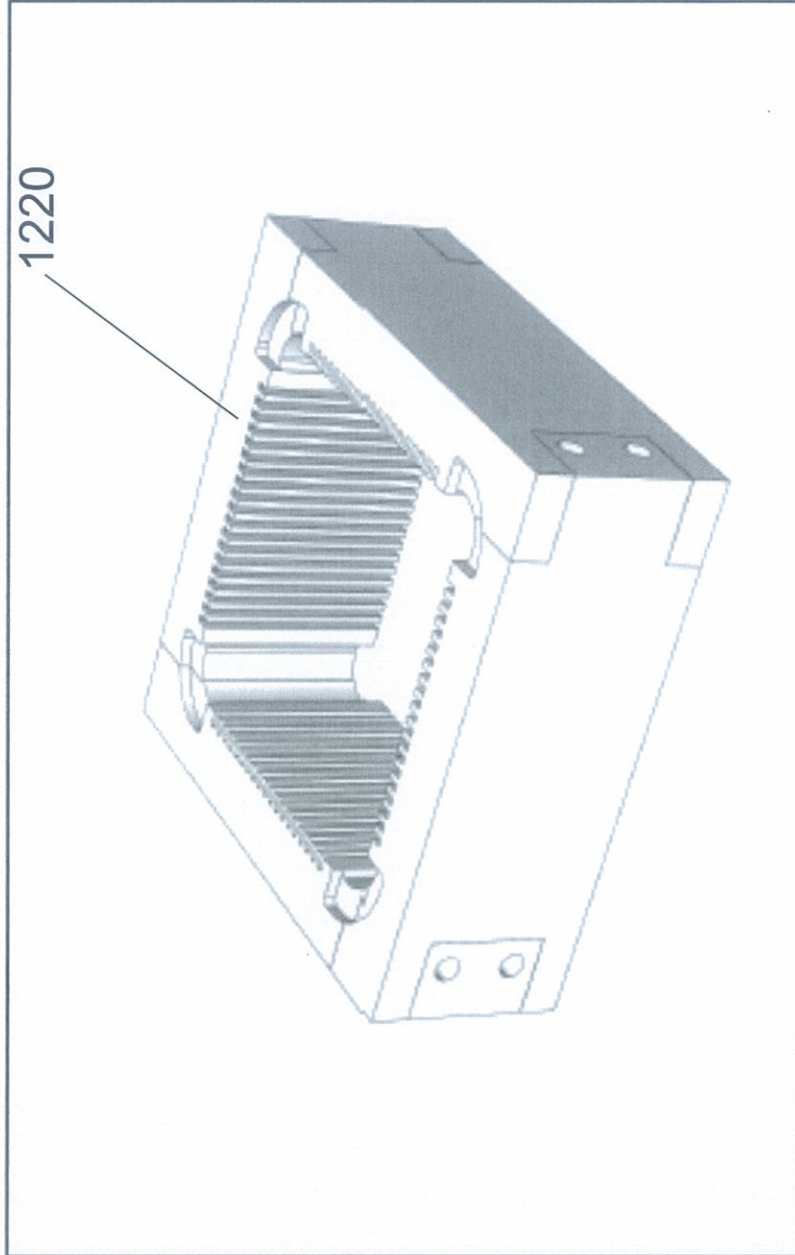


FIG. 12

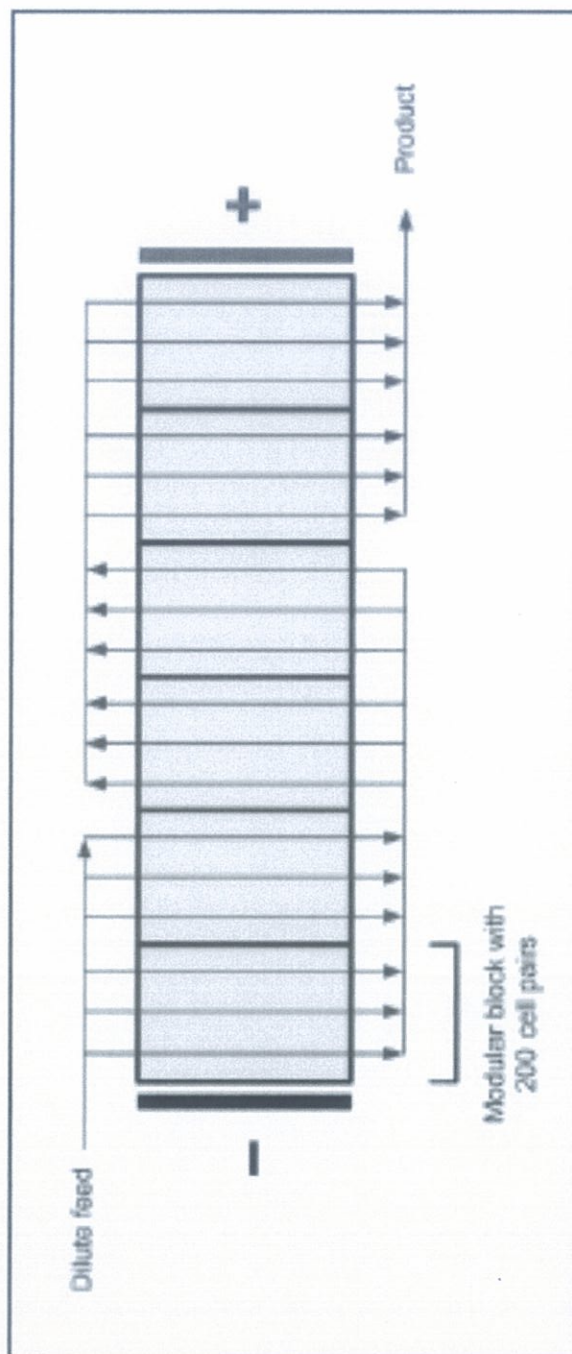


FIG. 13

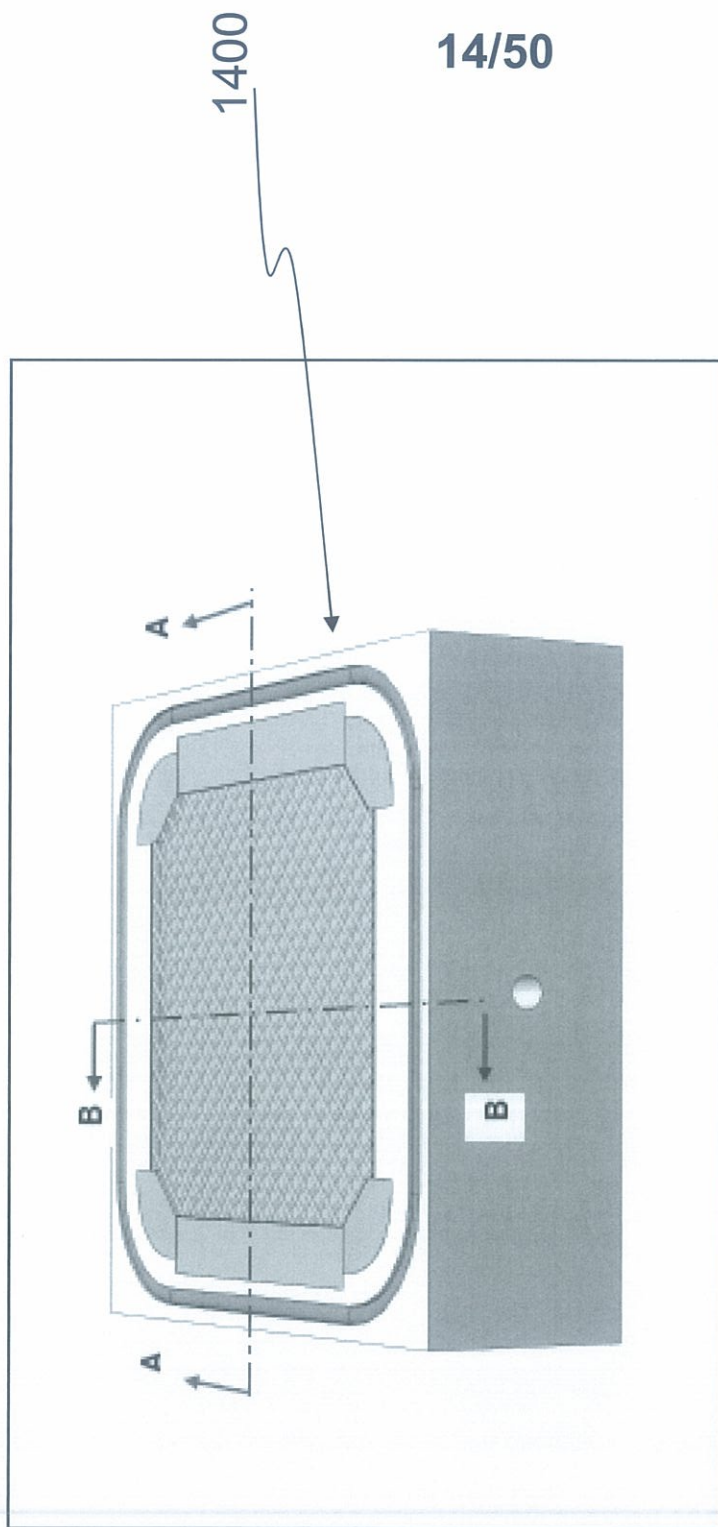


FIG. 14

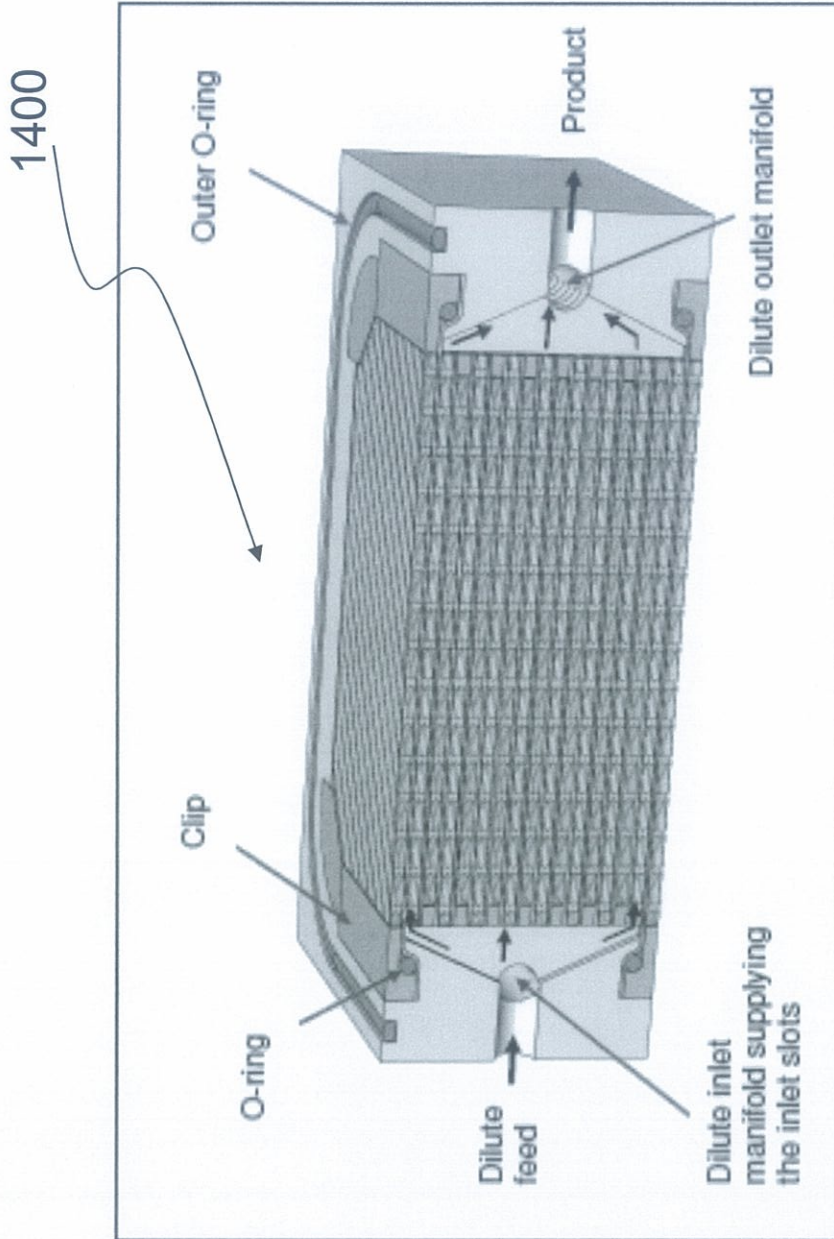
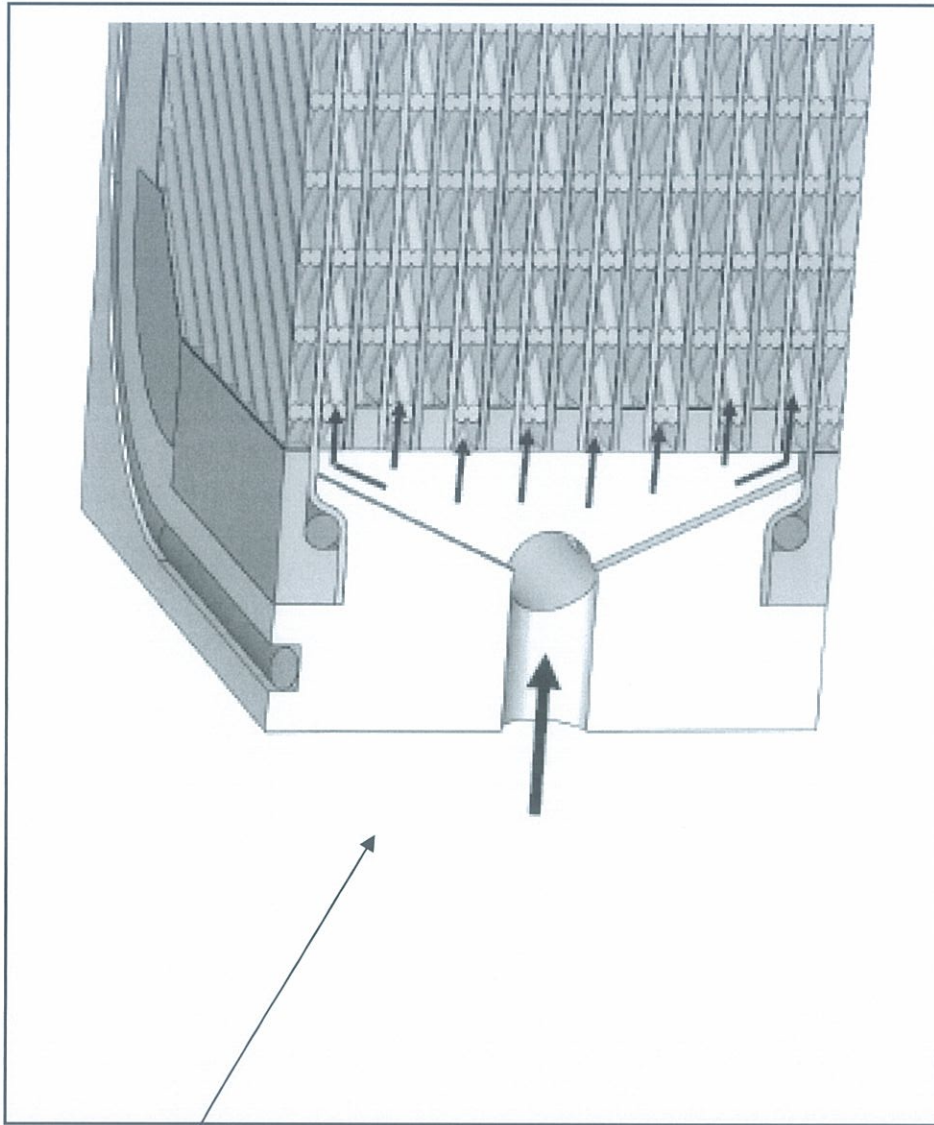


FIG. 15



1400

FIG. 16

1400

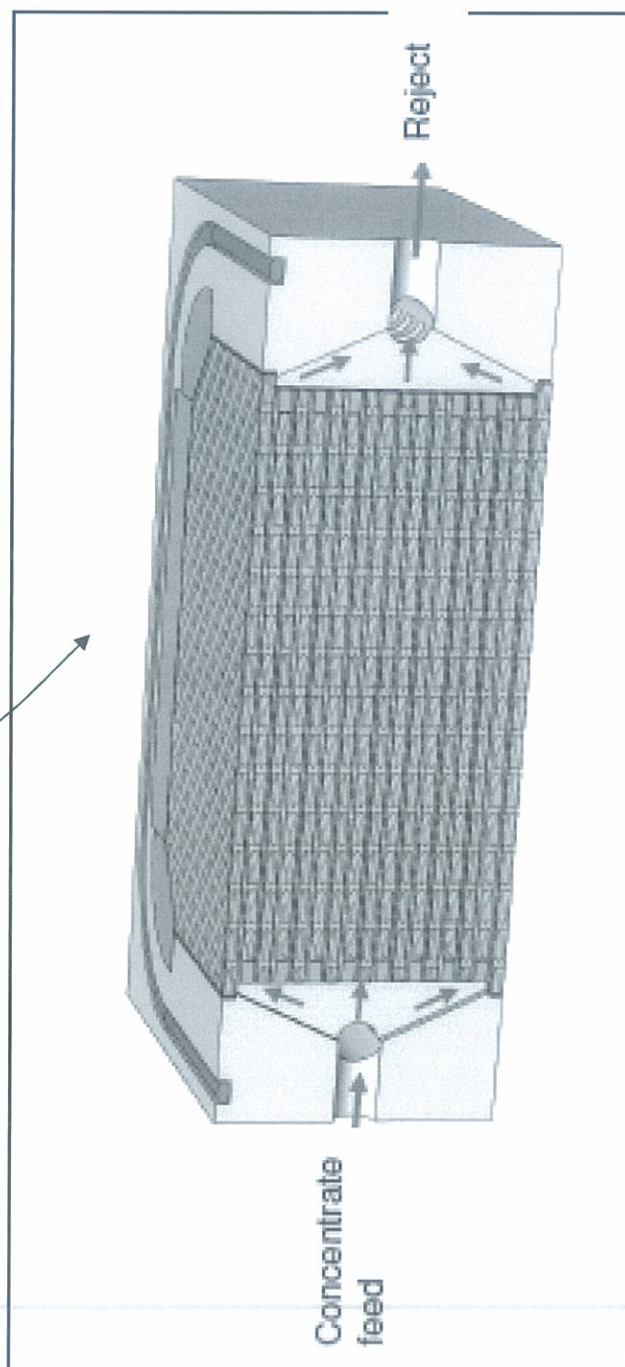


FIG. 17

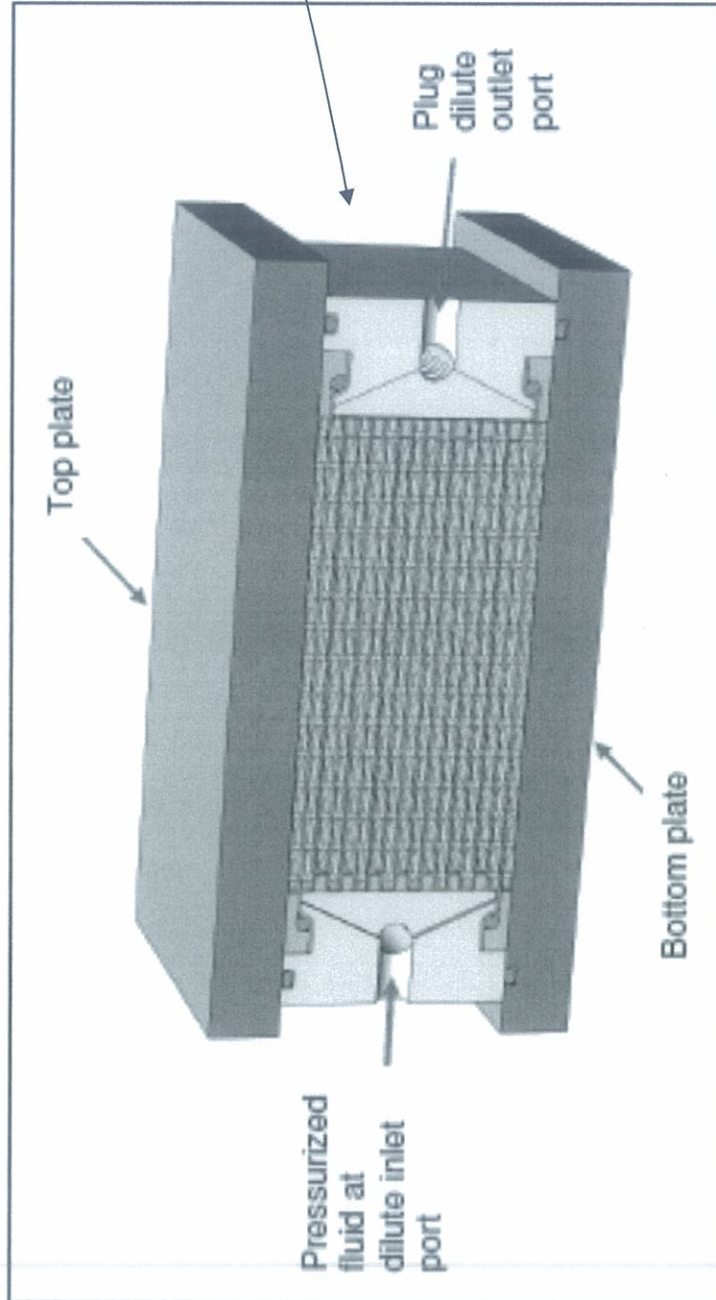


FIG. 18

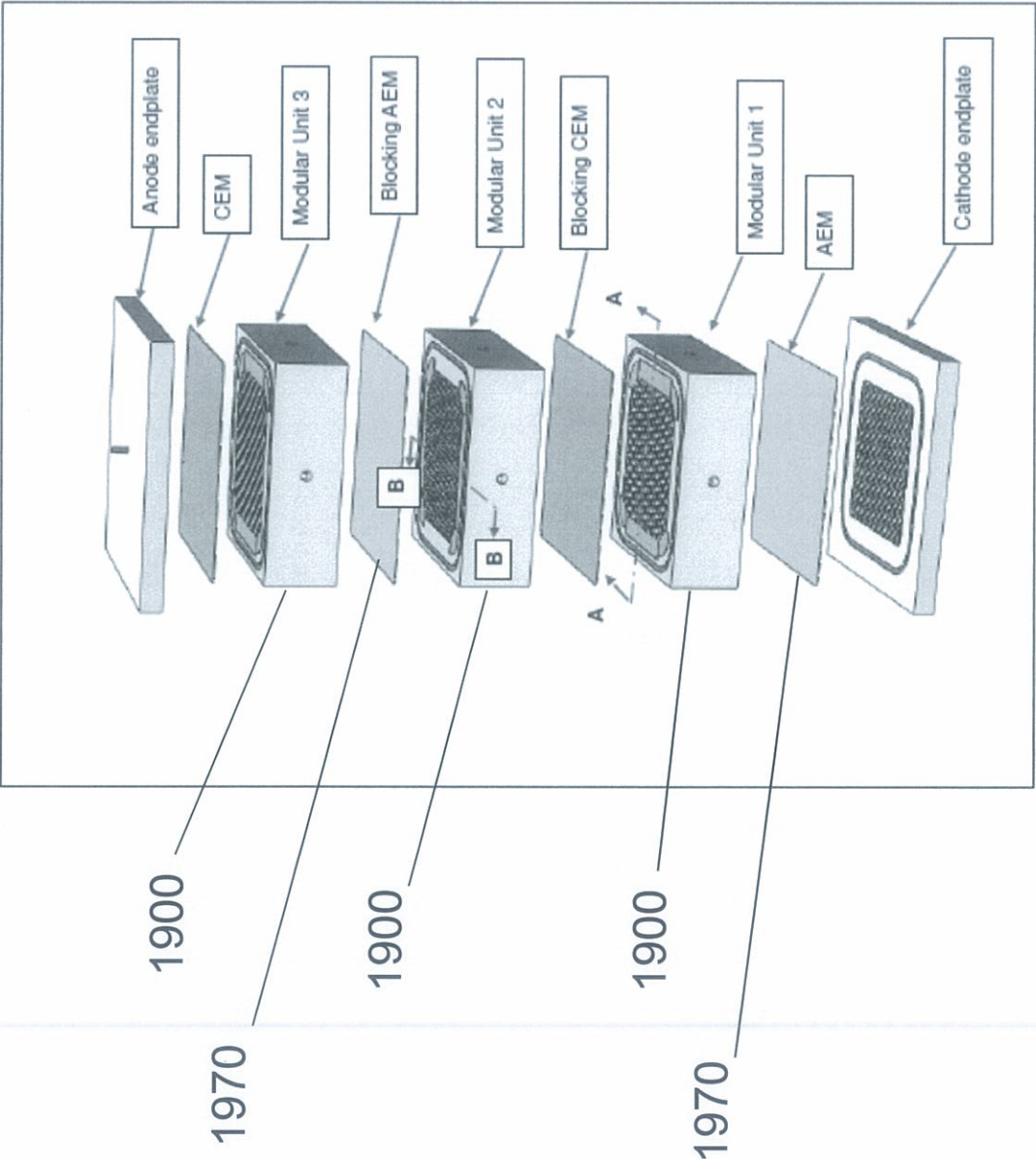


FIG. 19

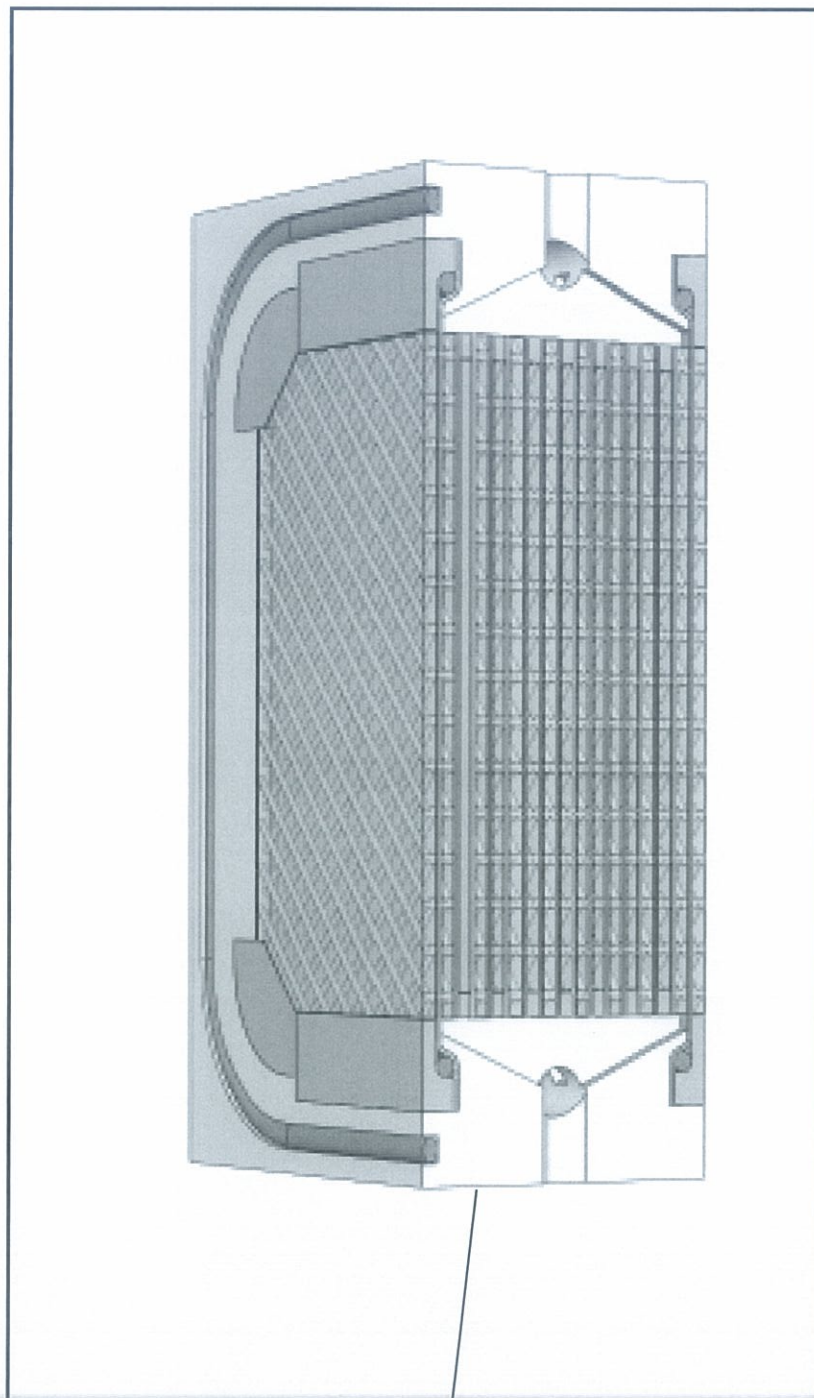


FIG. 20

1900

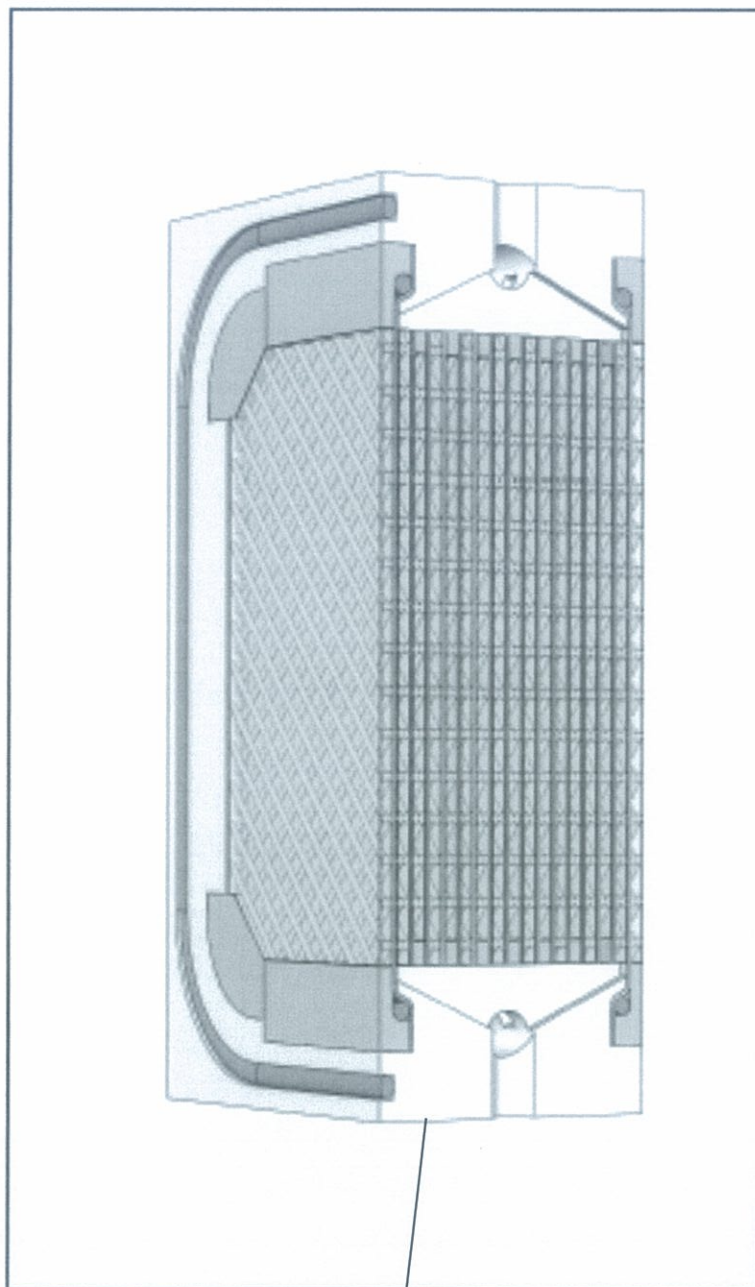


FIG. 21

1900

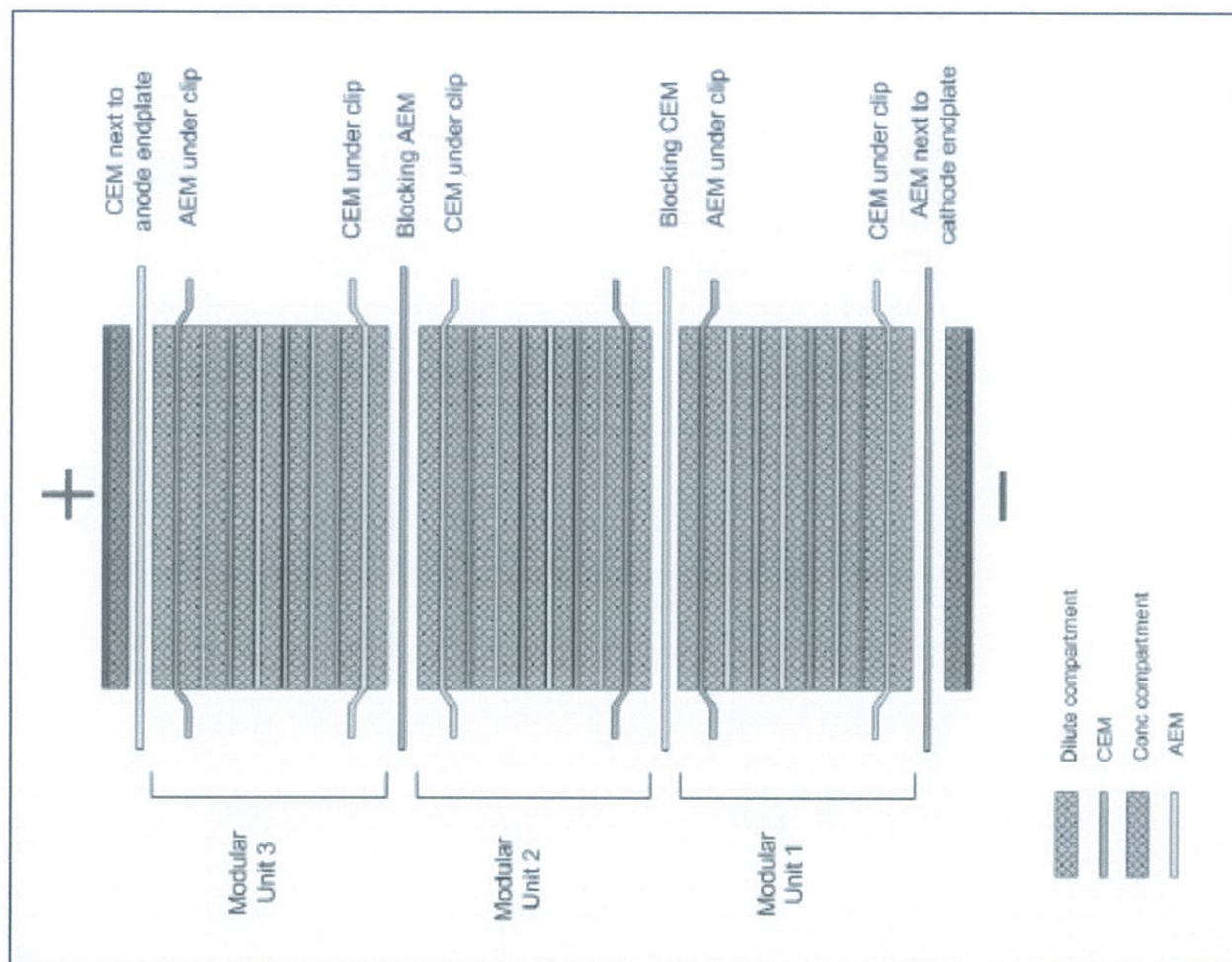


FIG. 22

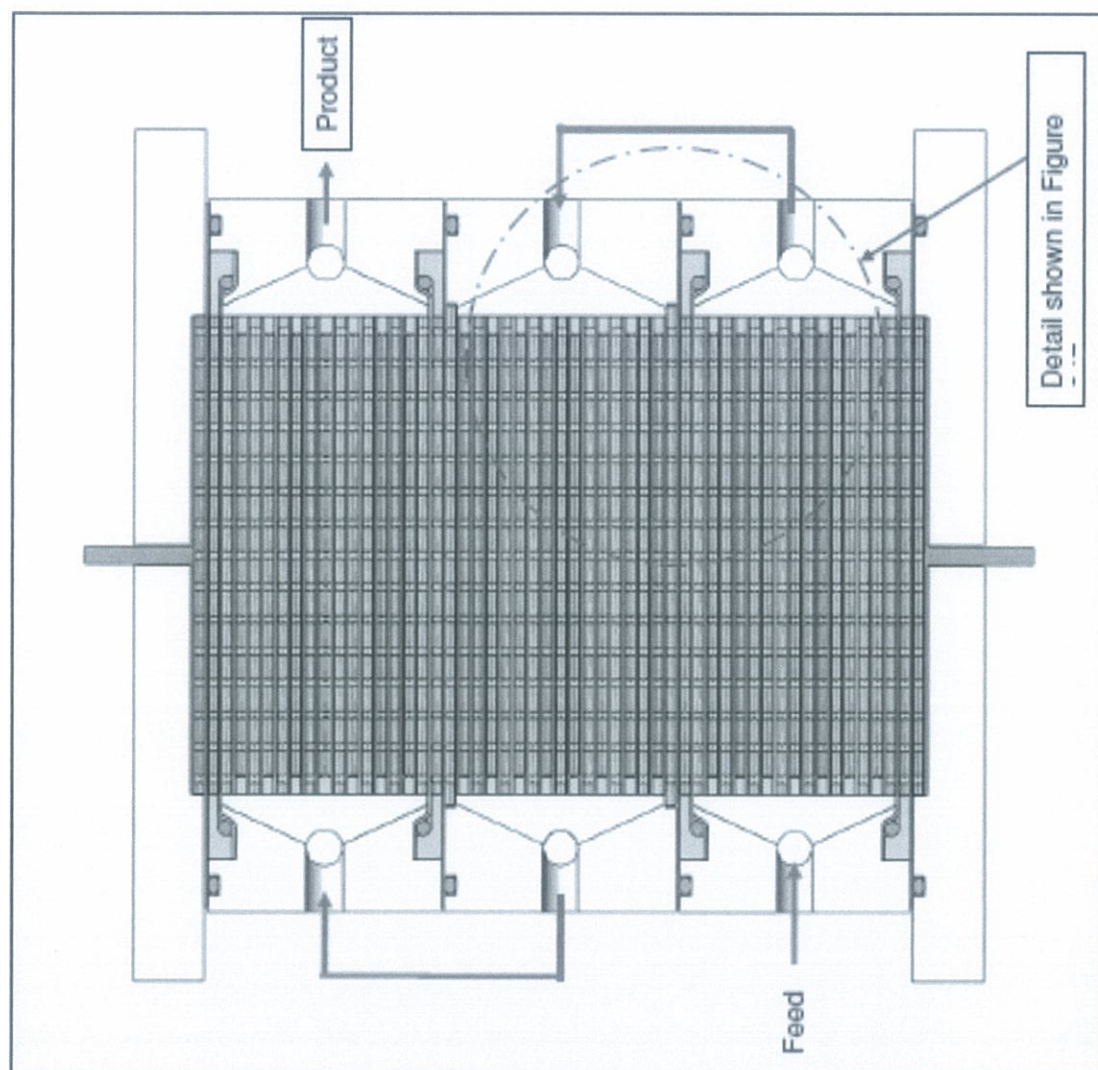


FIG. 23

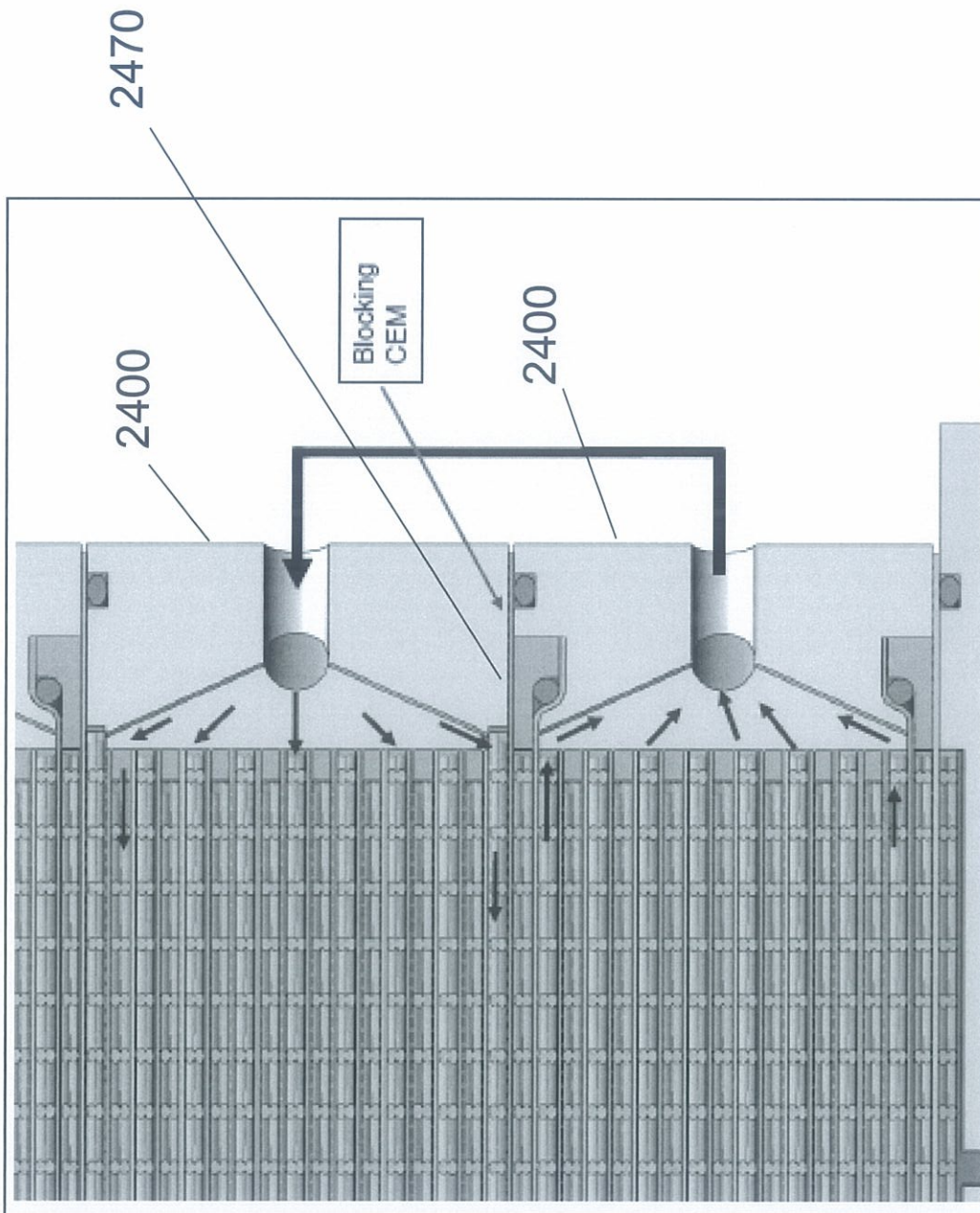


FIG. 24

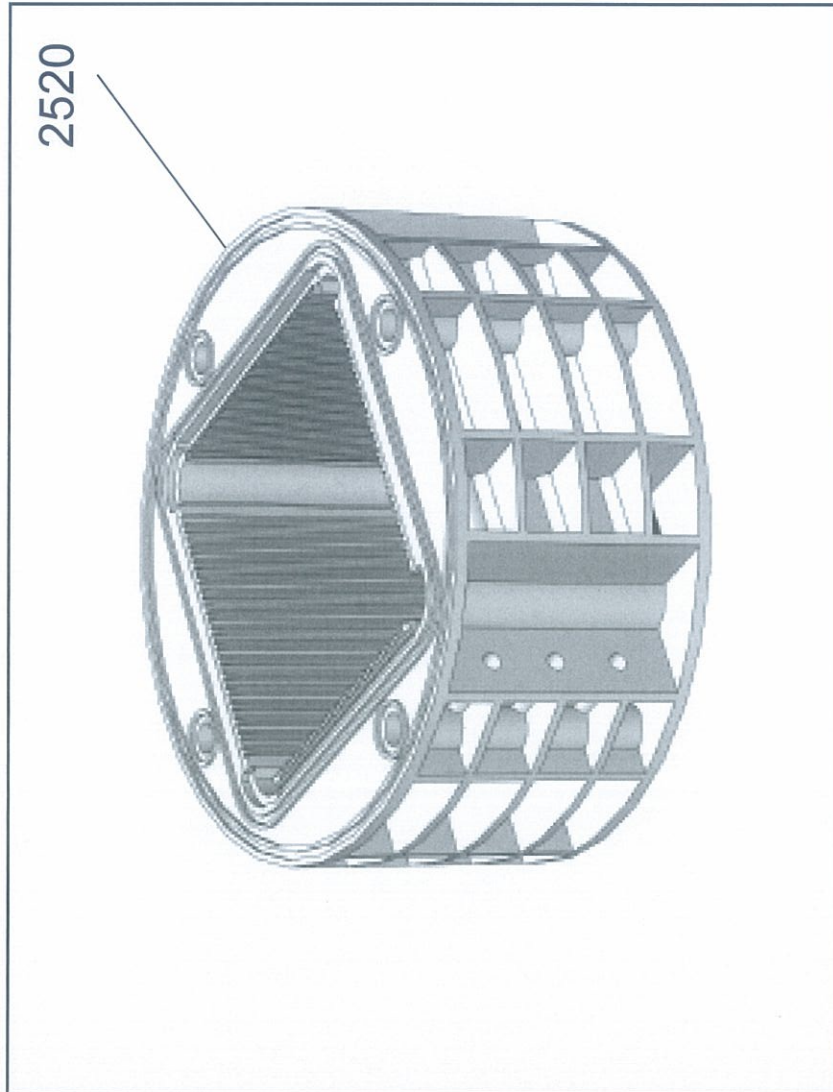


FIG. 25



FIG. 26

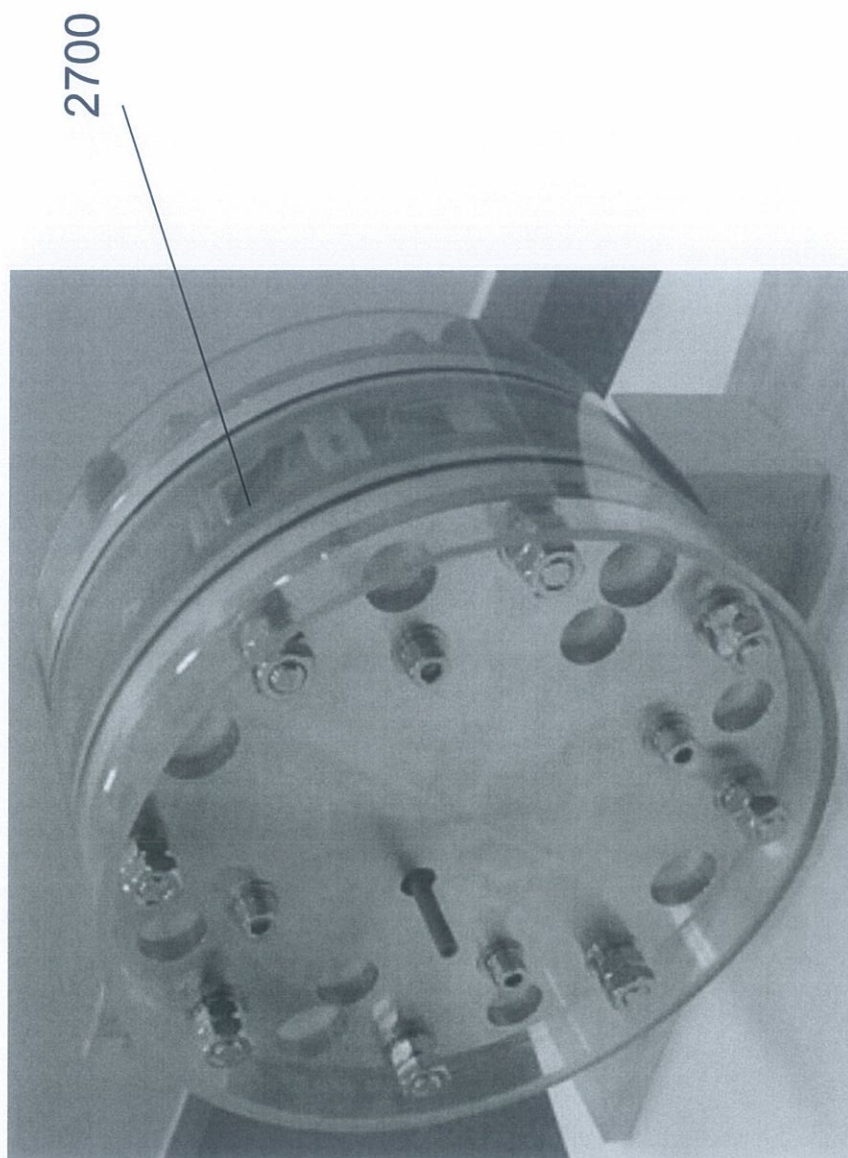


FIG. 27

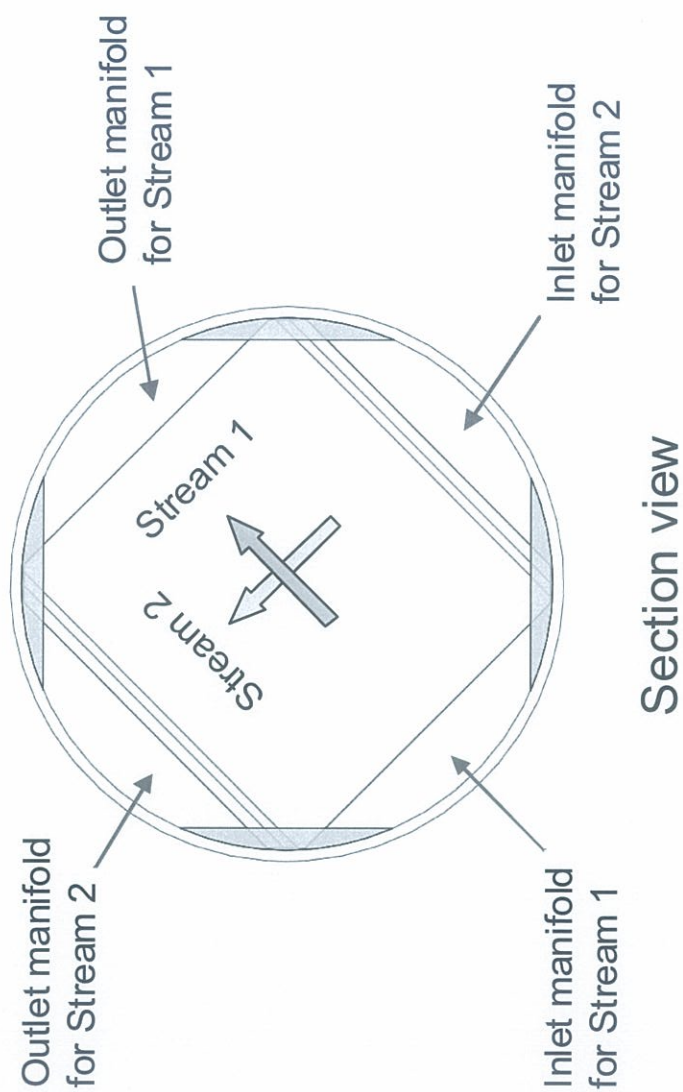


FIG. 28

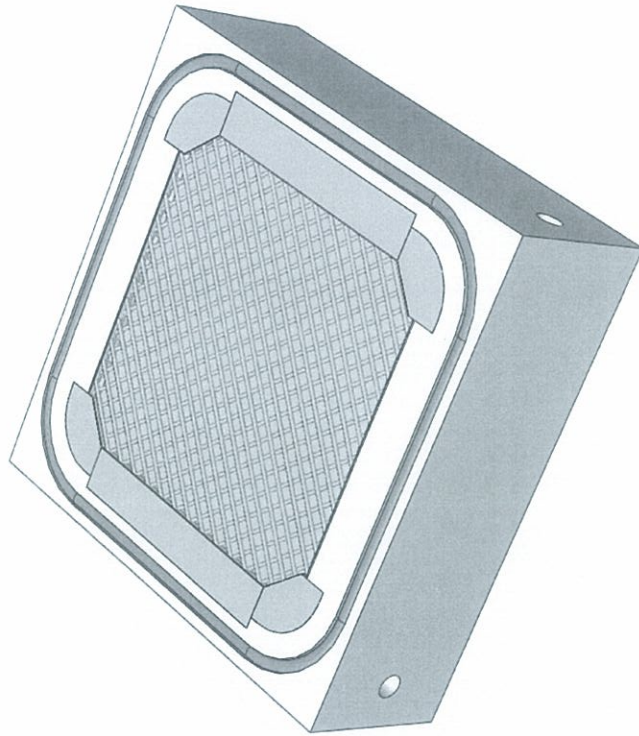


FIG. 29

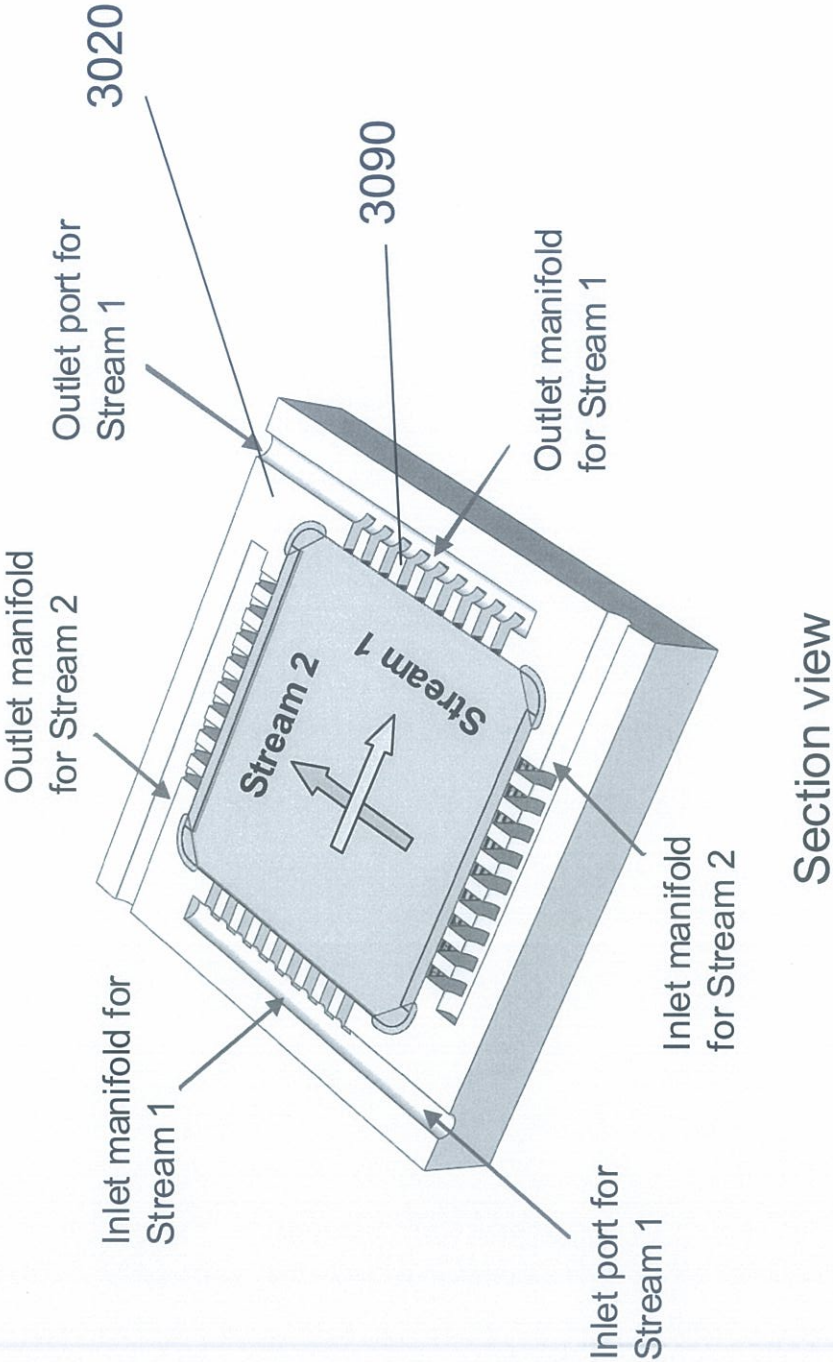


FIG. 30

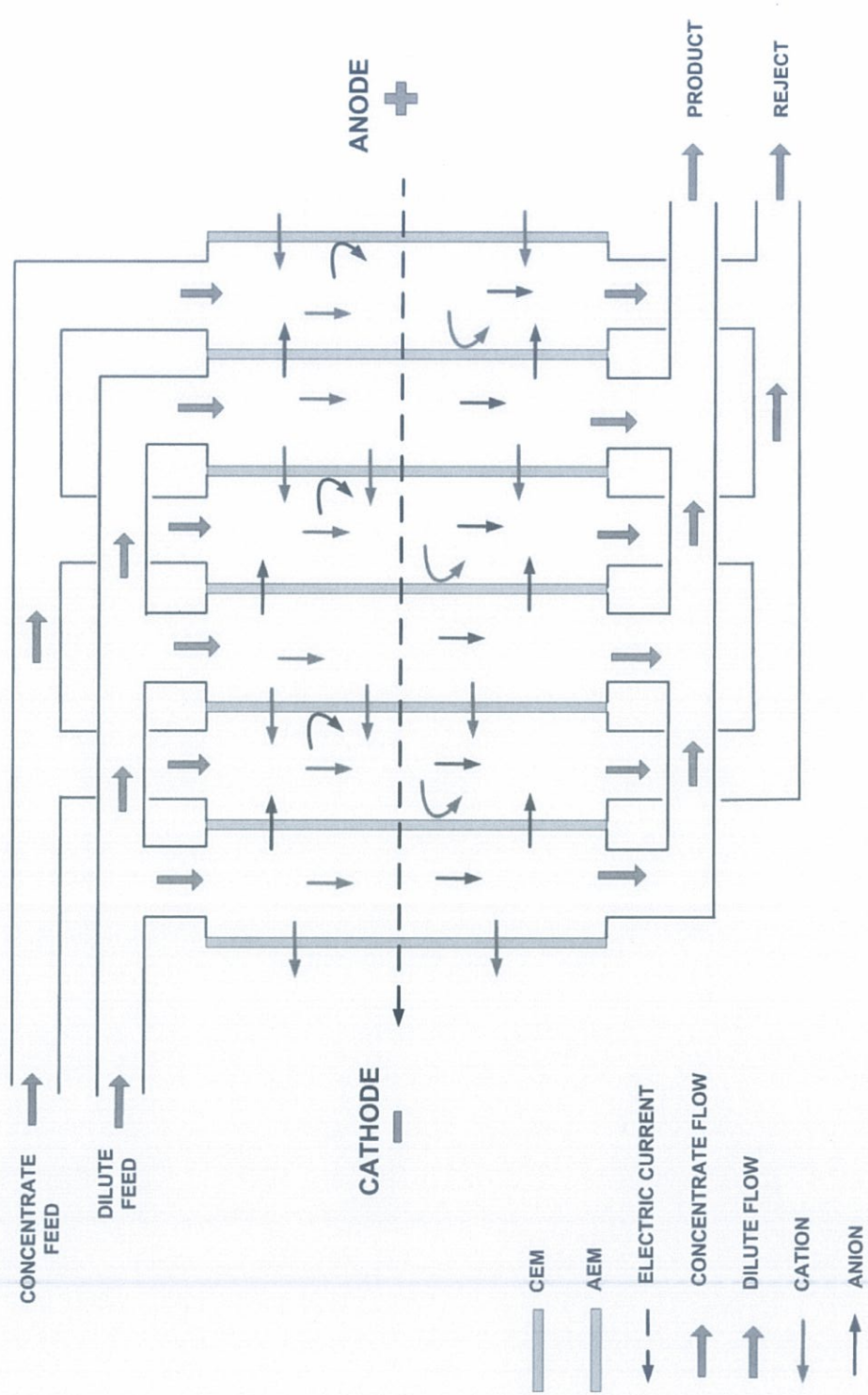


FIG. 31

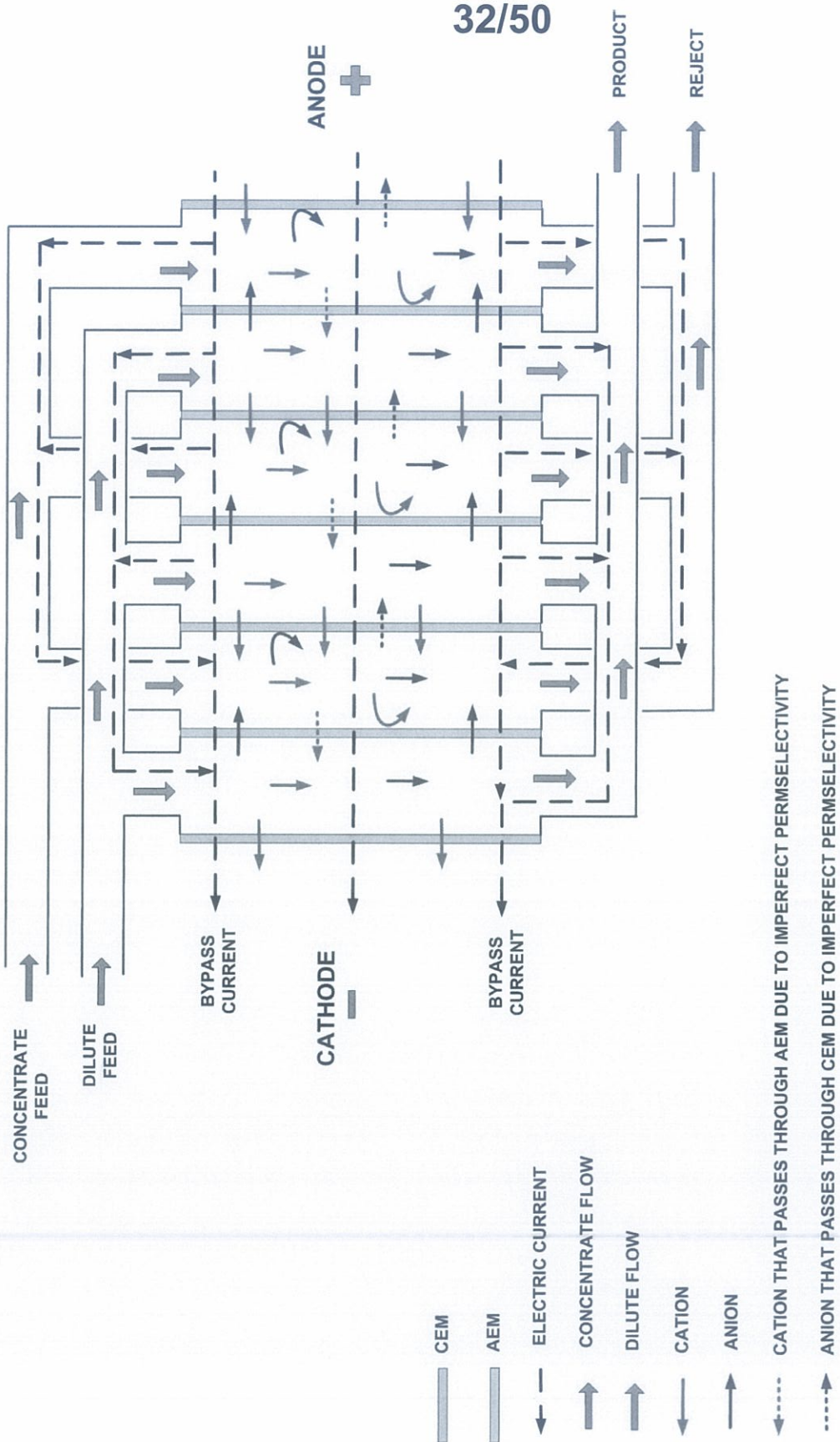


FIG. 32

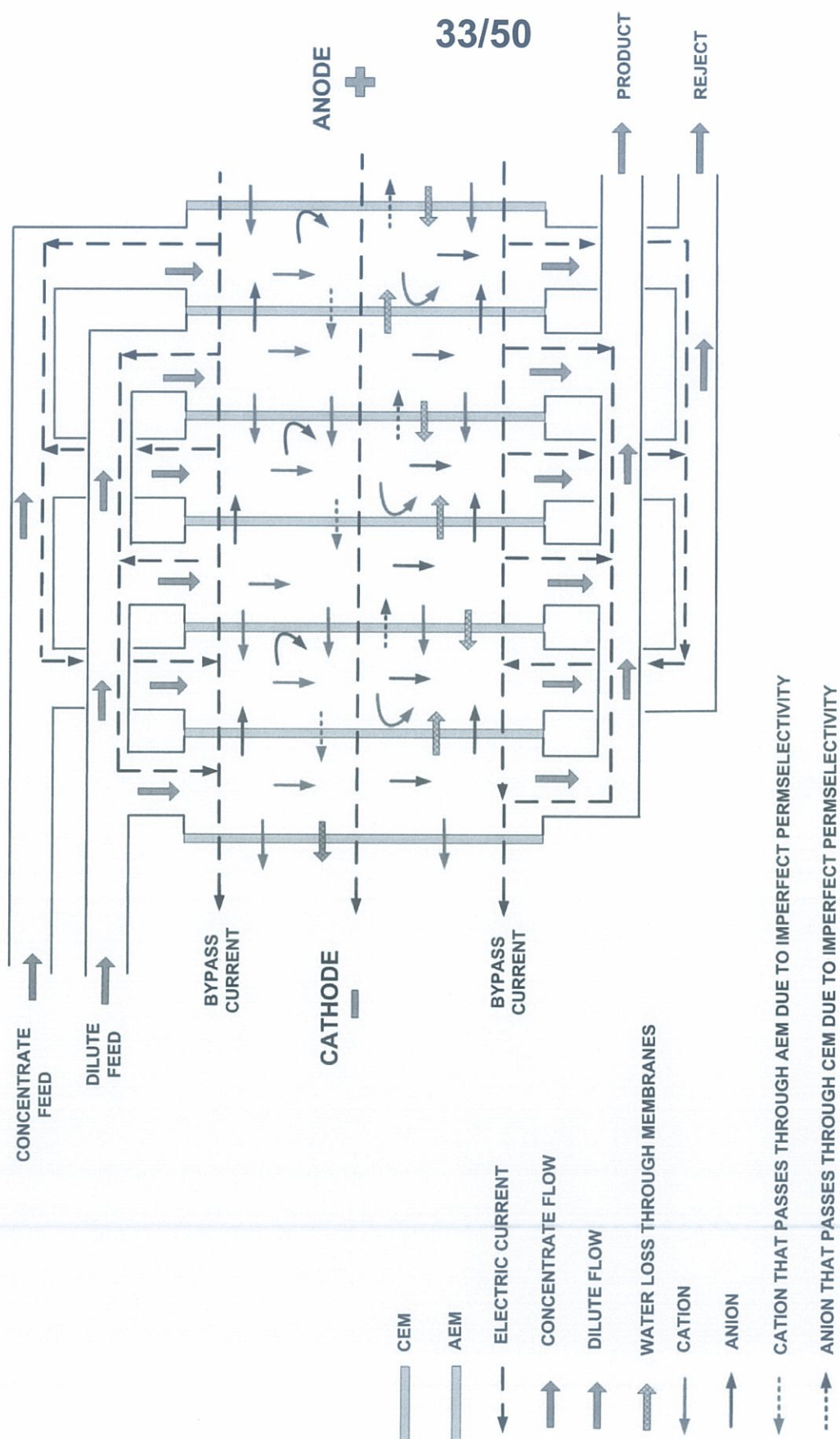


FIG. 33

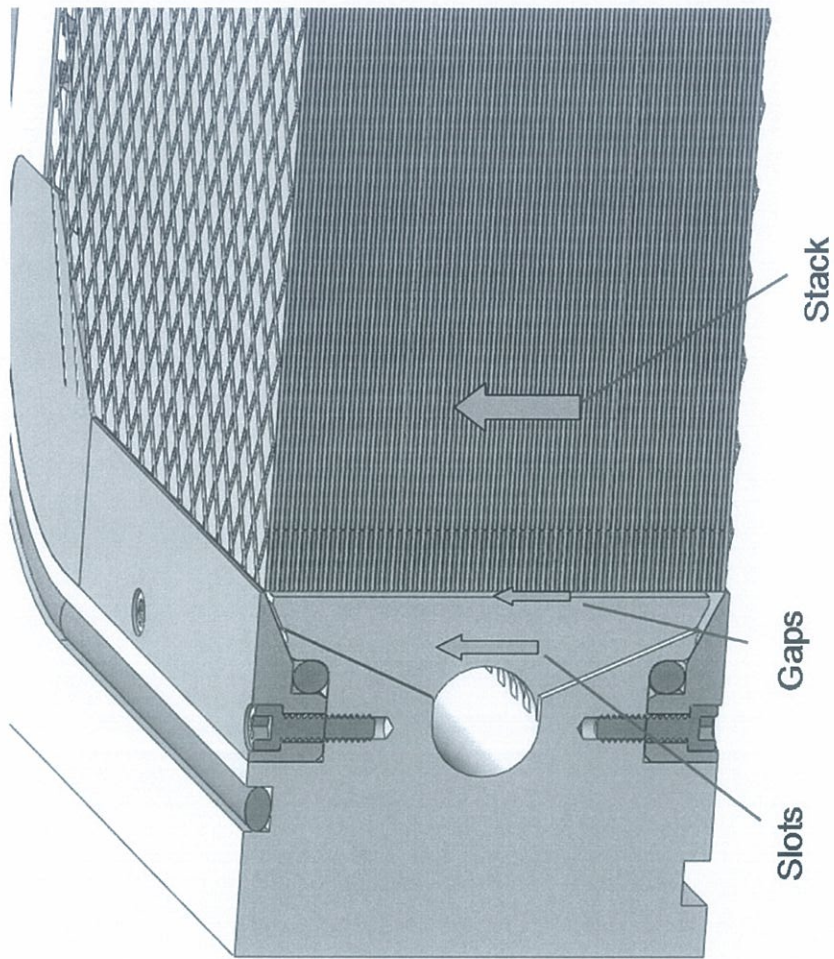


FIG. 34

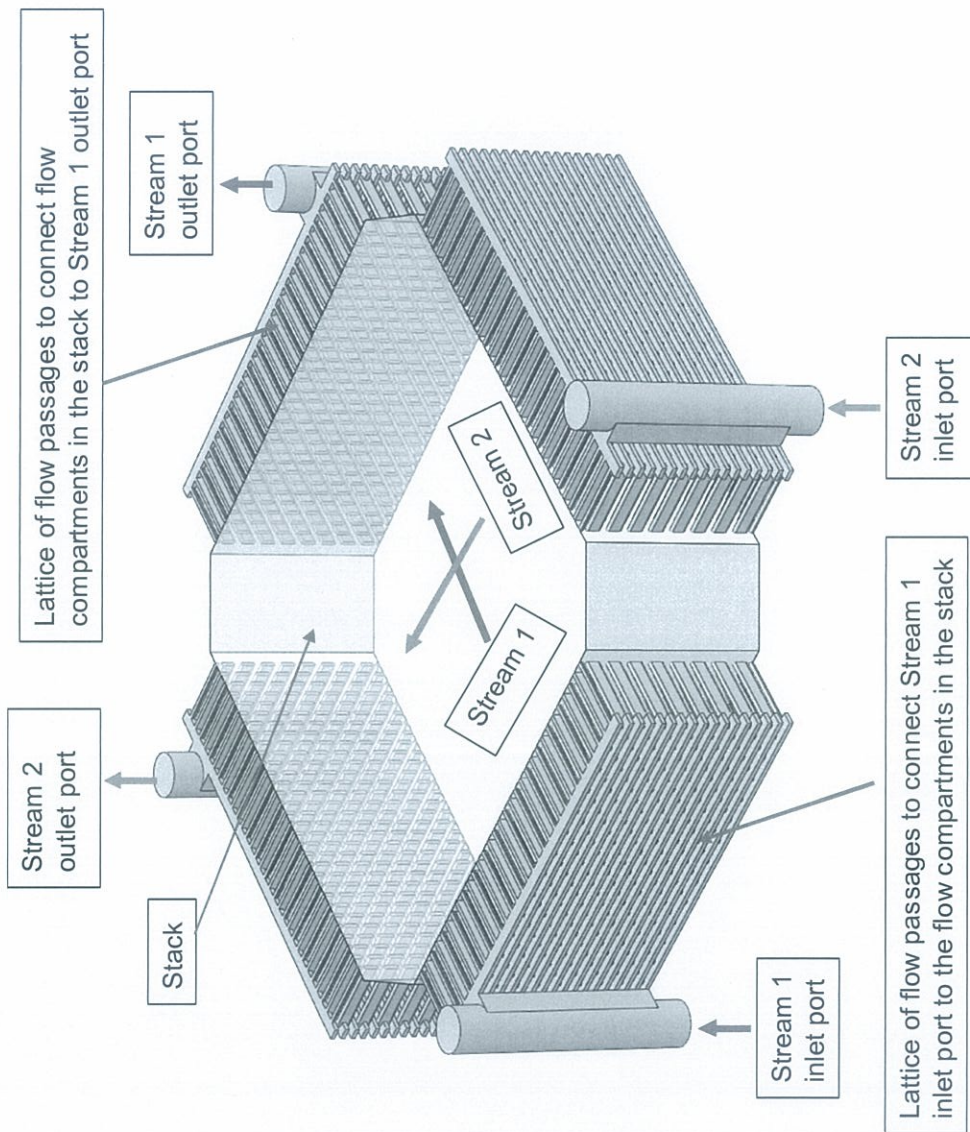


FIG. 35

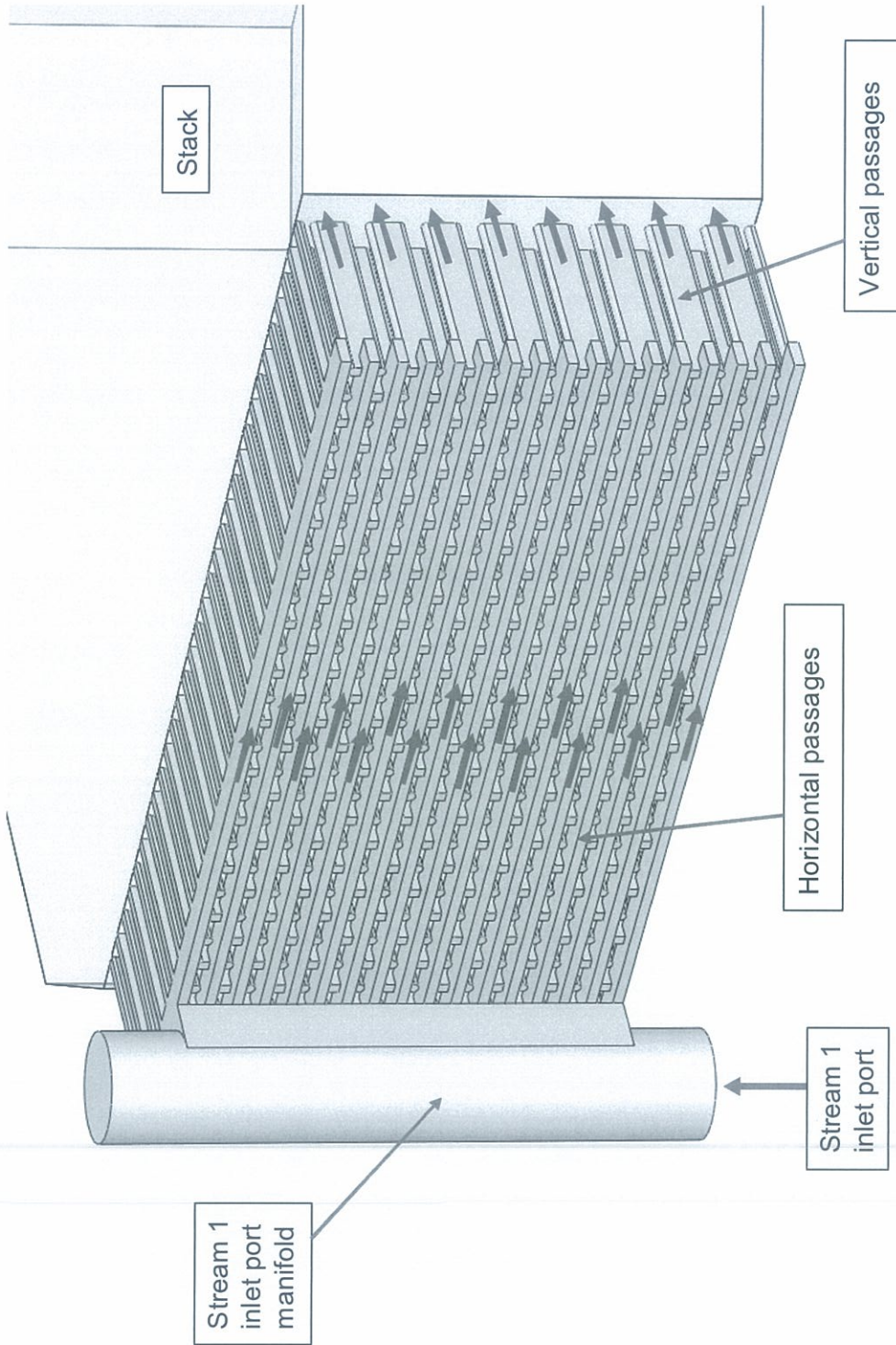
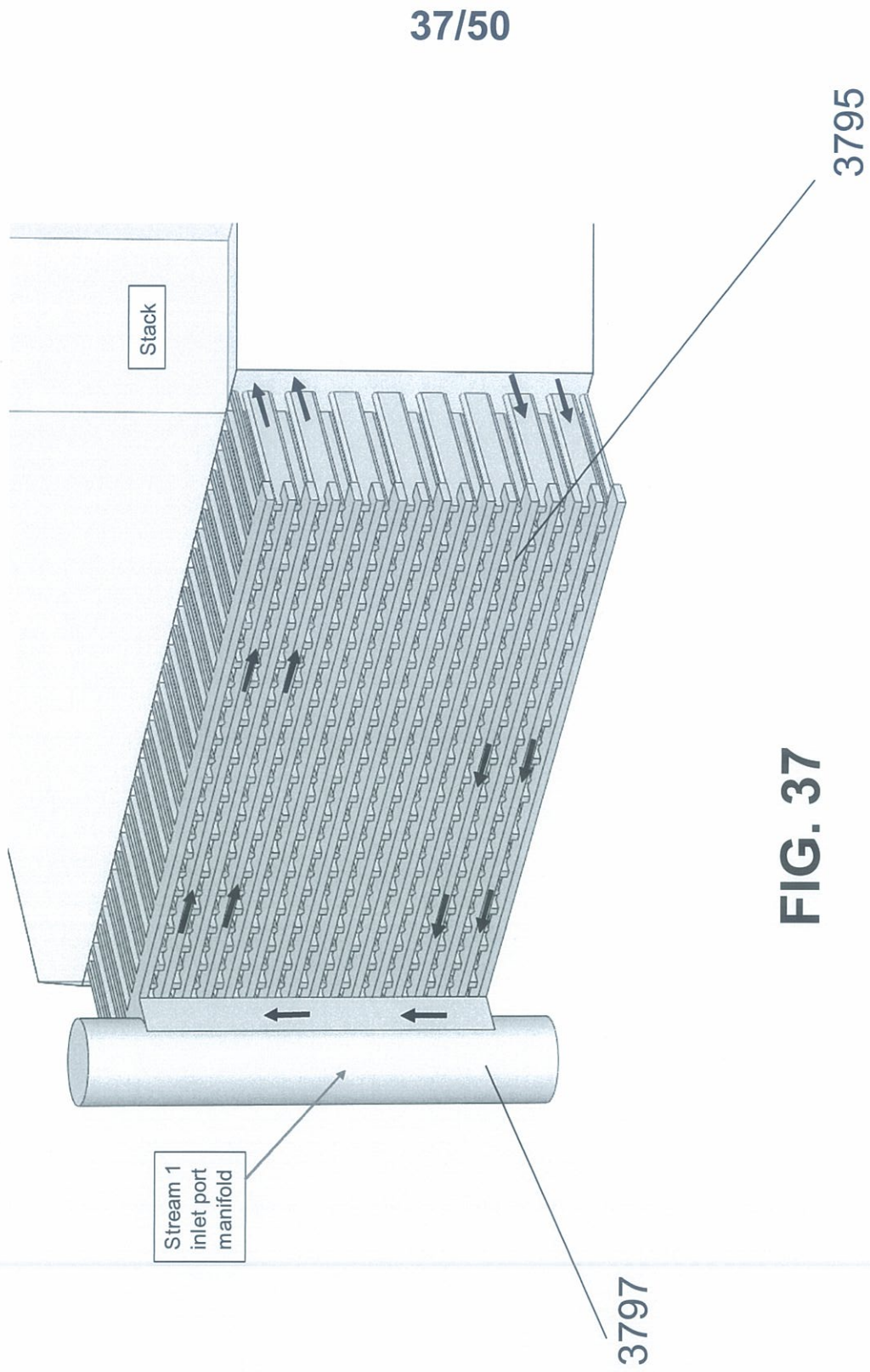


FIG. 36



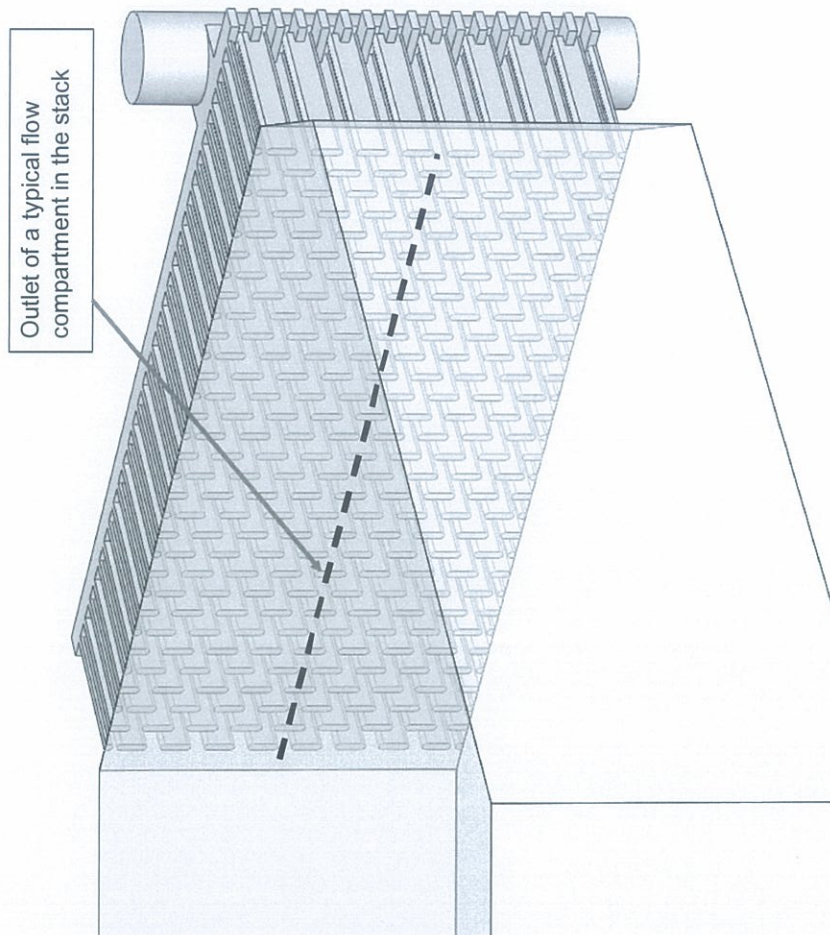


FIG. 38

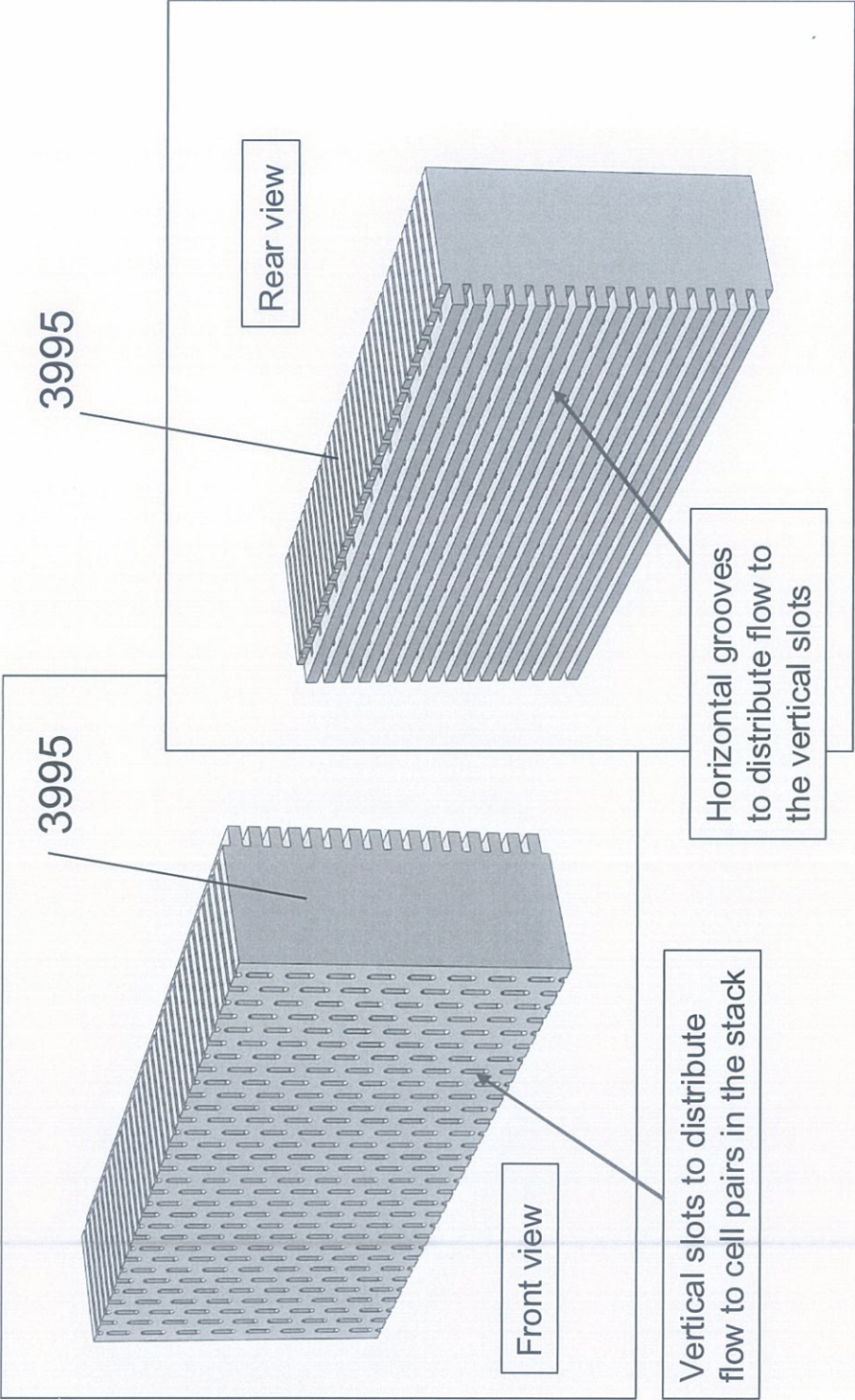


FIG. 39

40/50

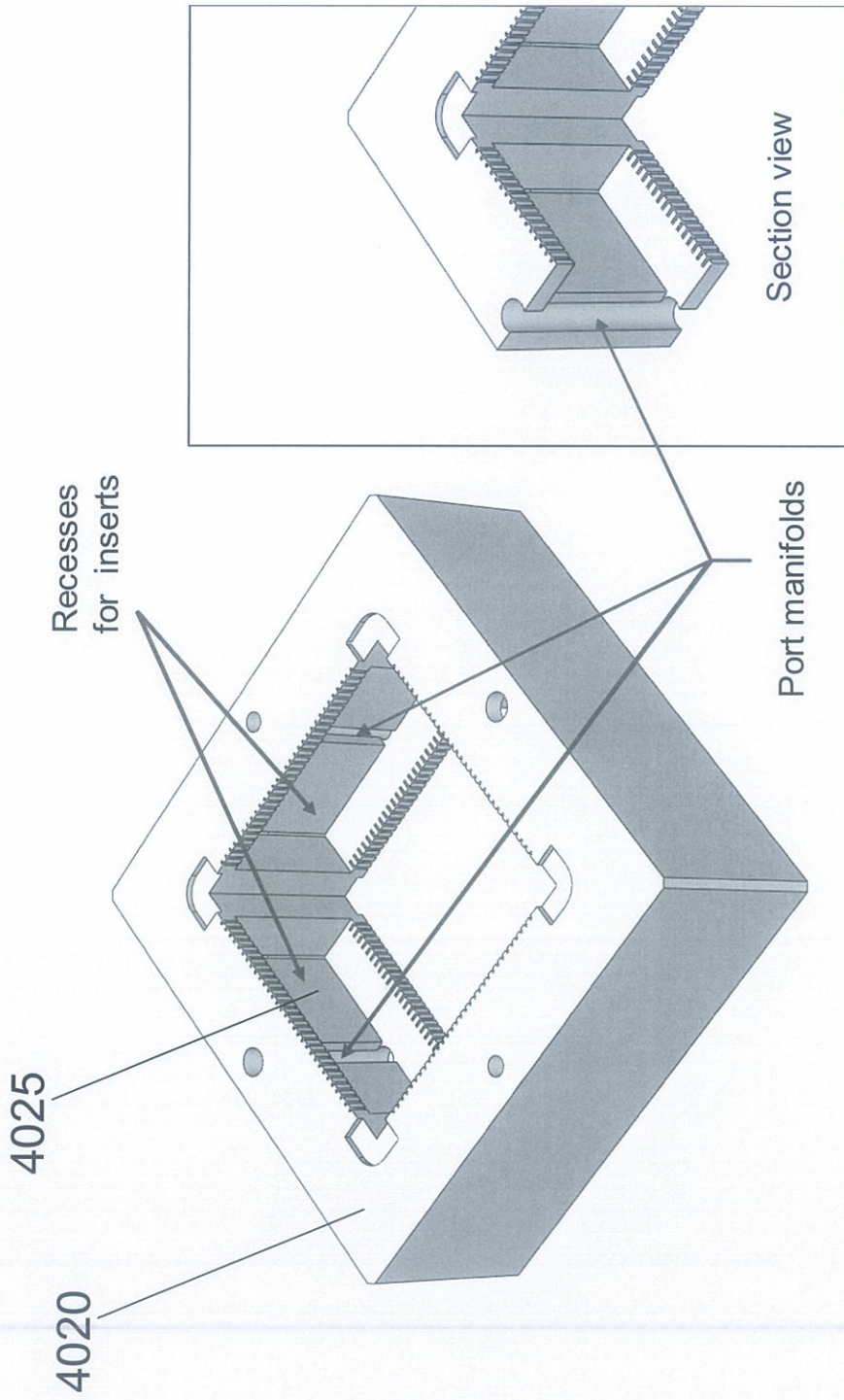


FIG. 40

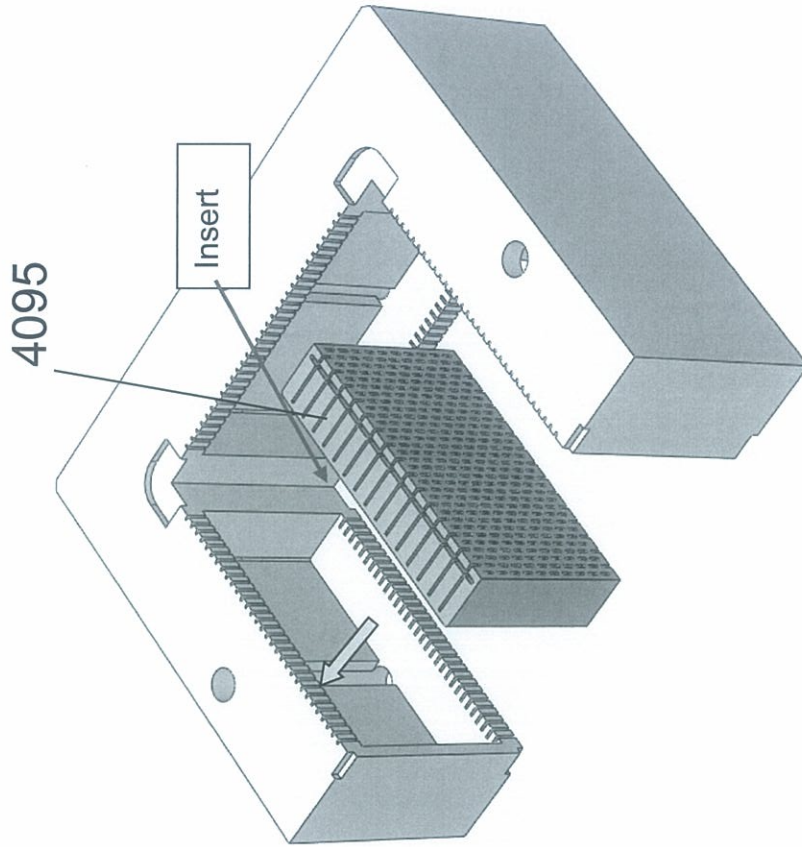


FIG. 41

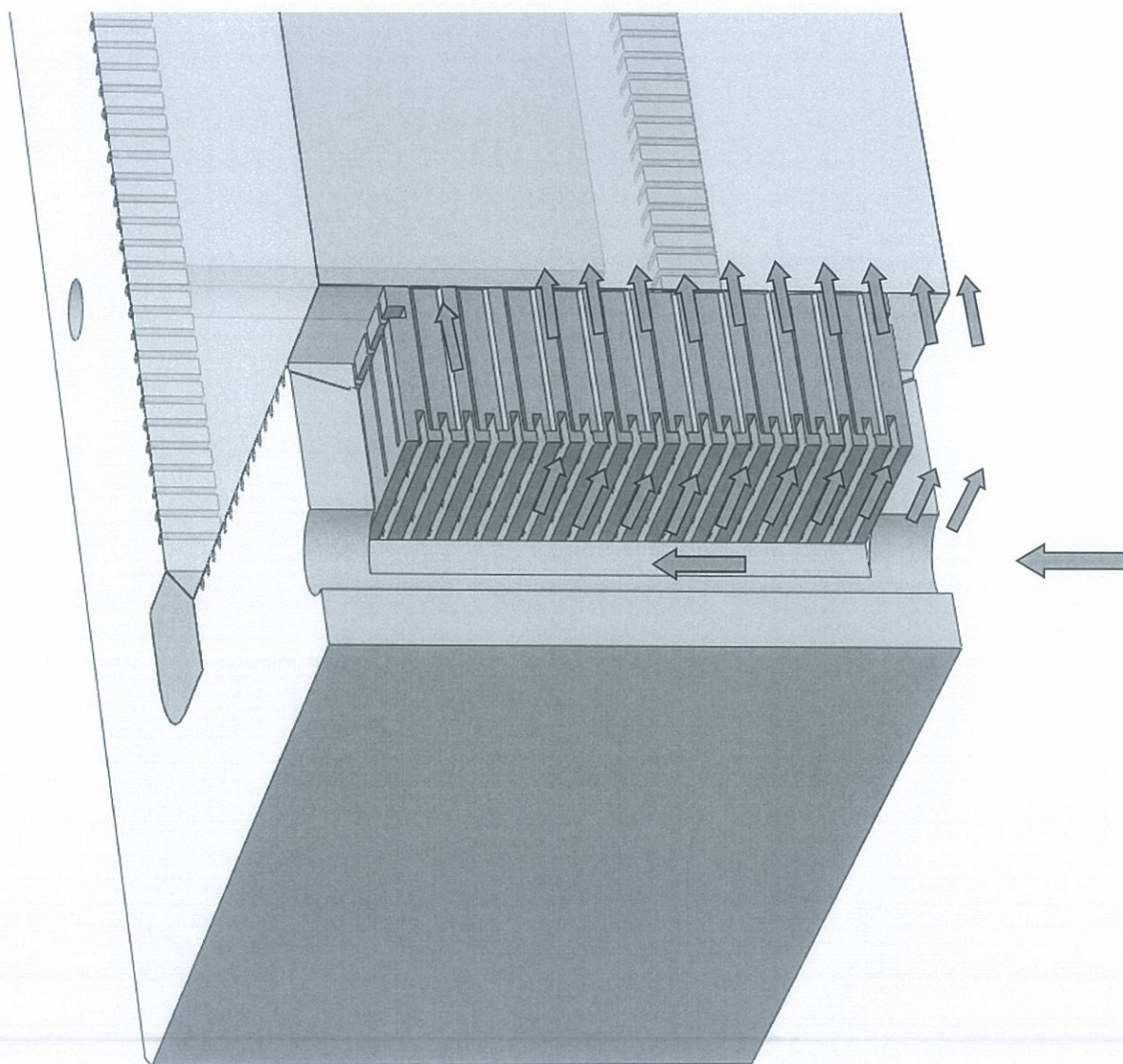


FIG. 42

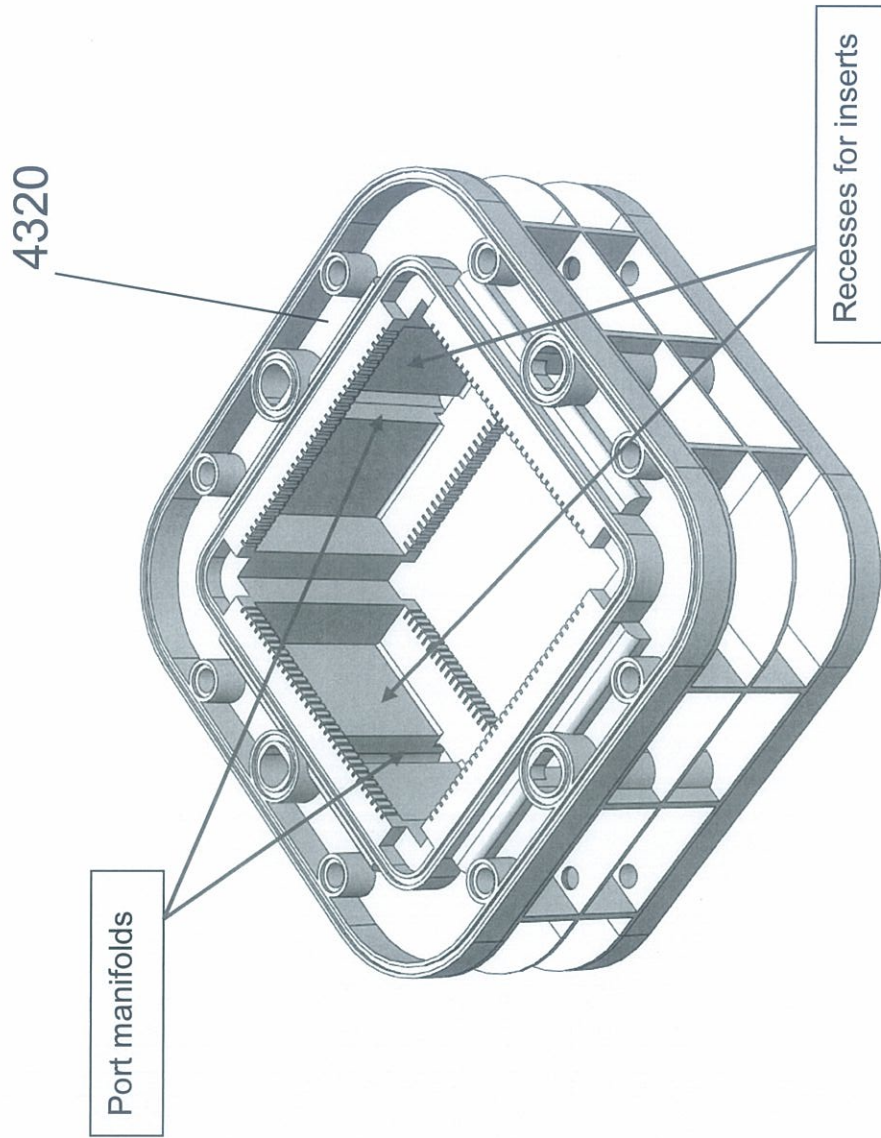


FIG. 43

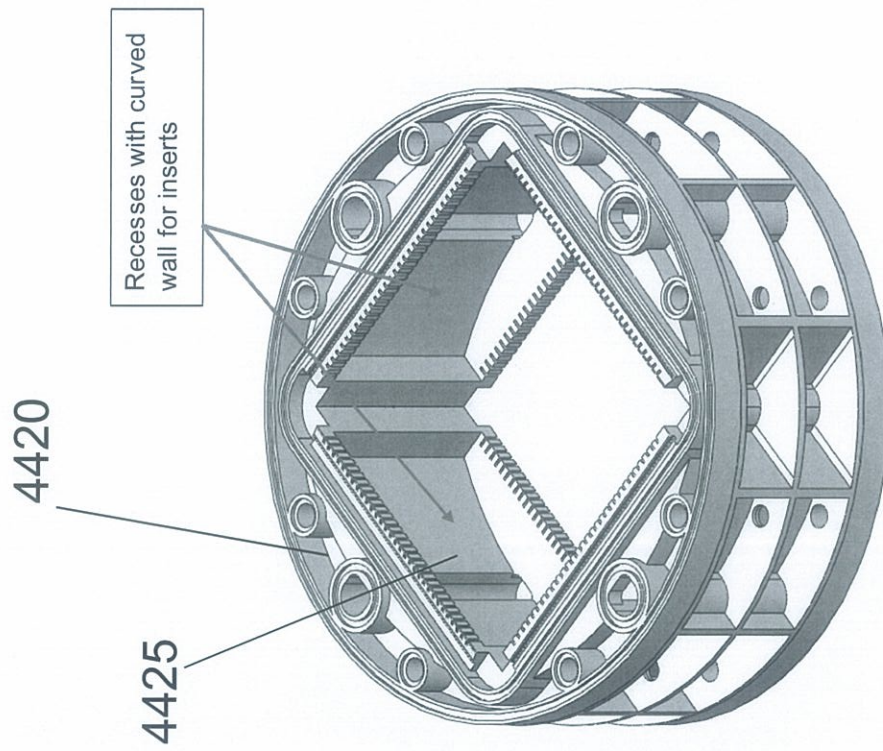


FIG. 44

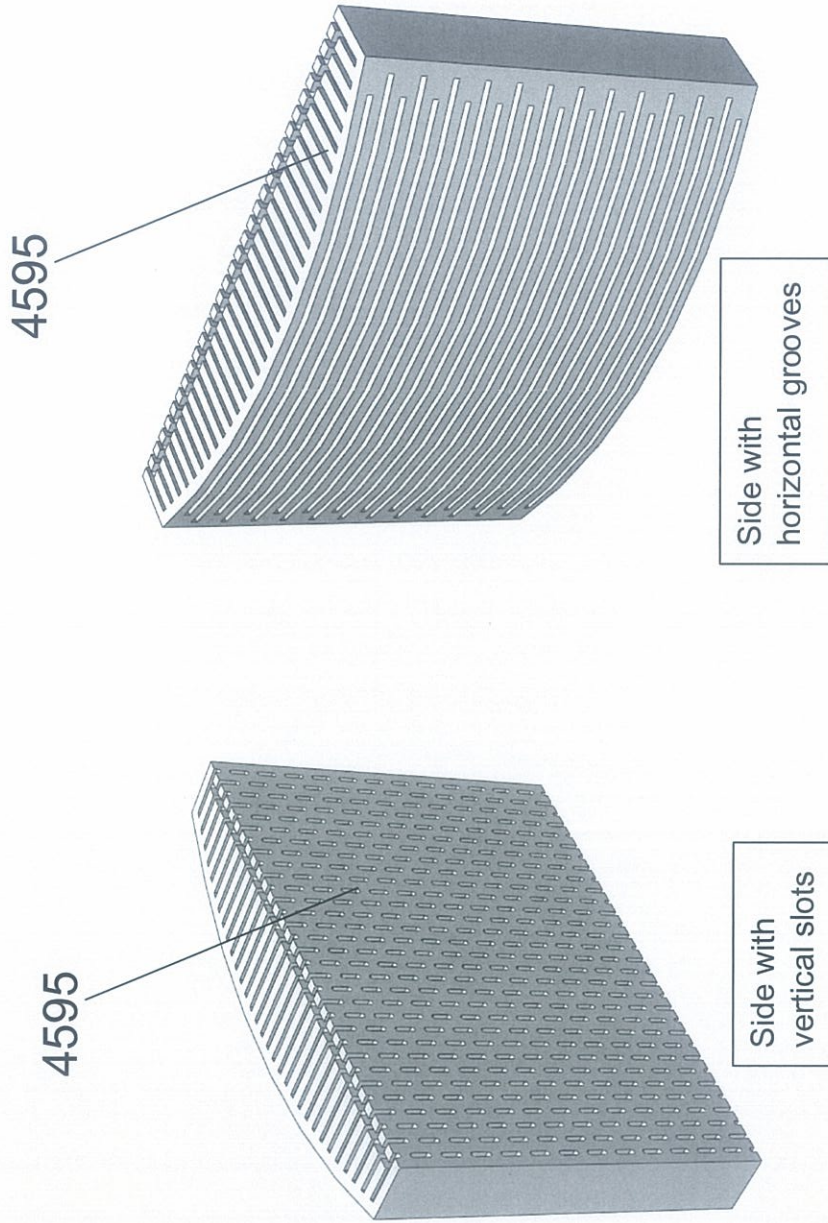


FIG. 45

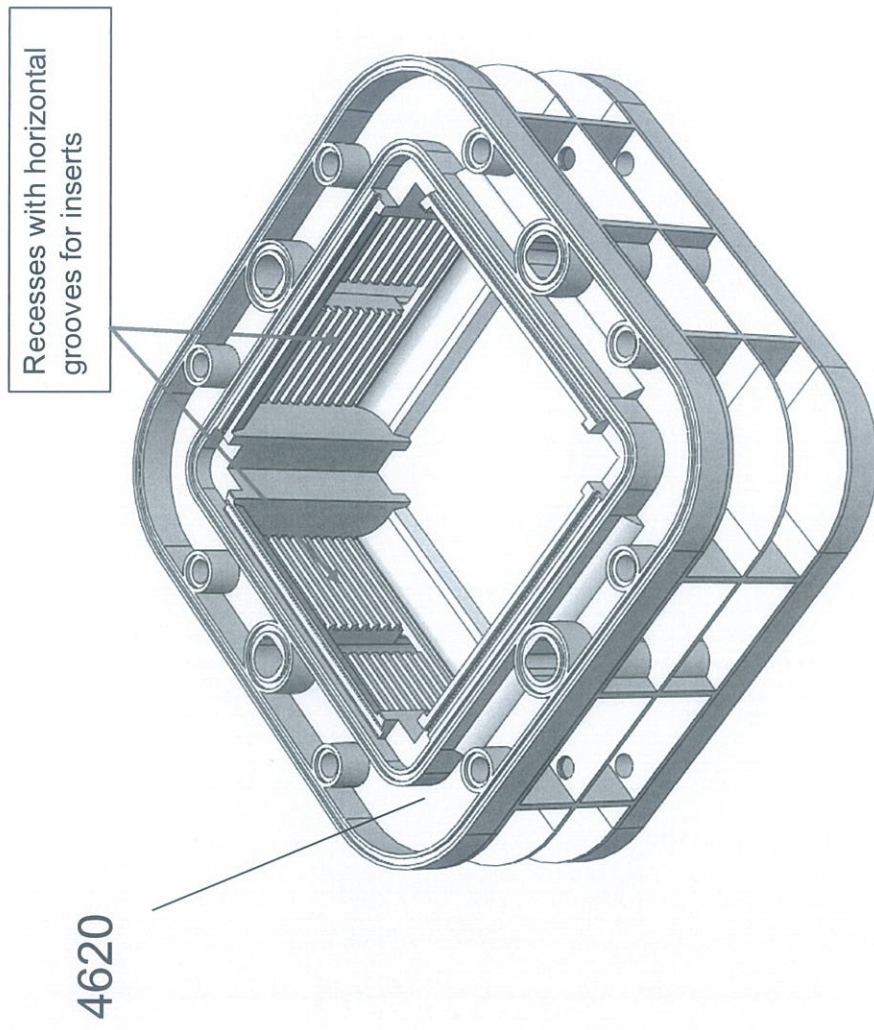


FIG. 46

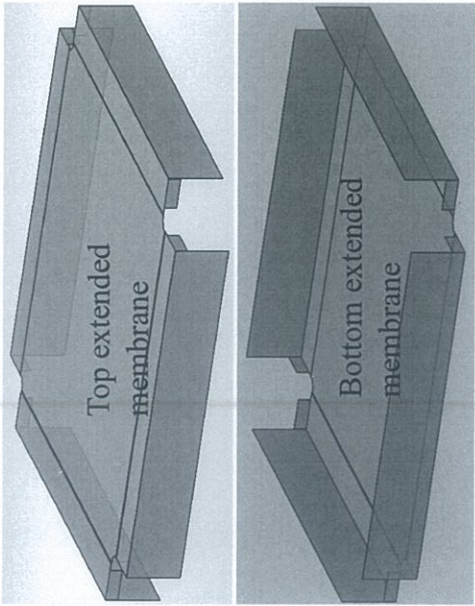
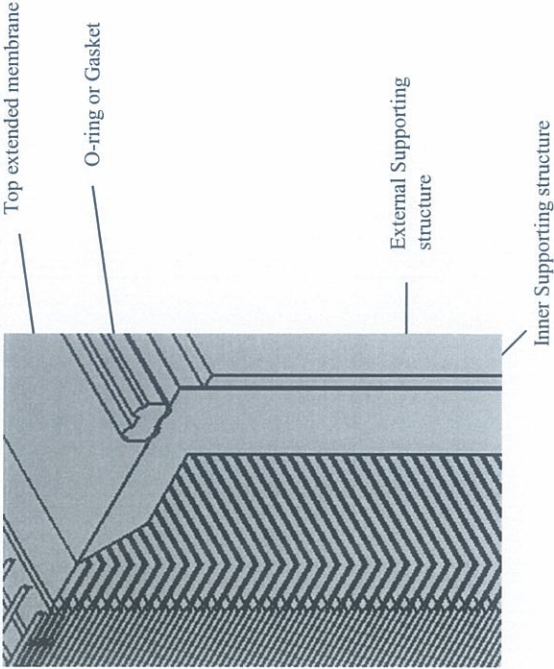


FIG. 47A

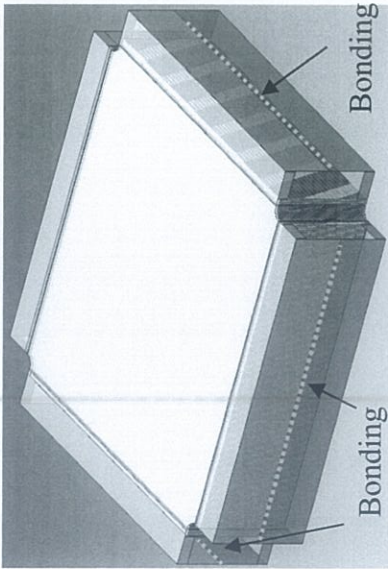


FIG. 47B

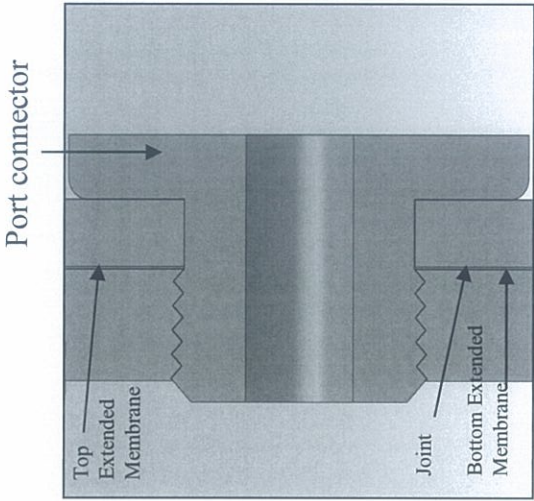


FIG. 47C

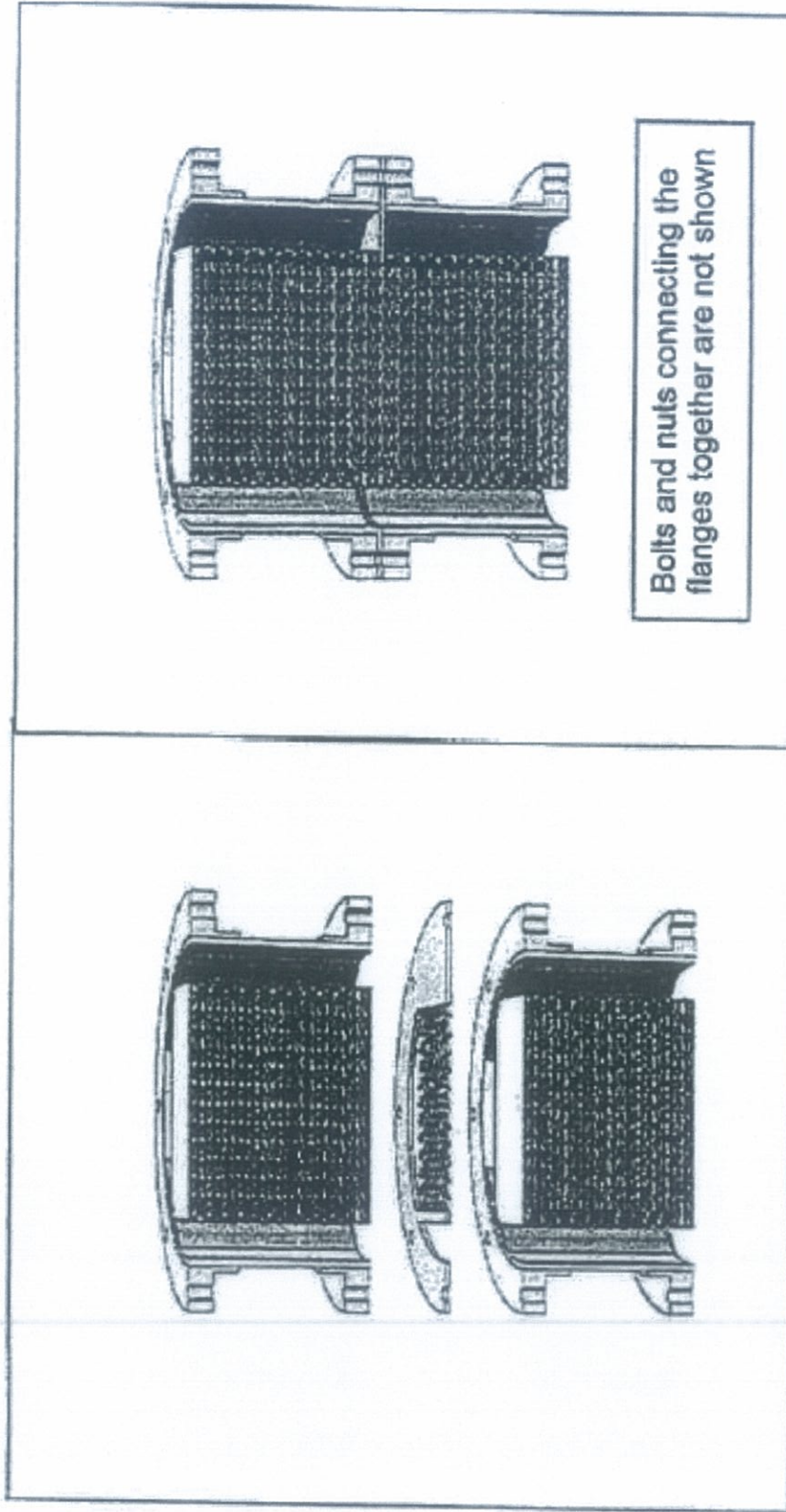


FIG. 48

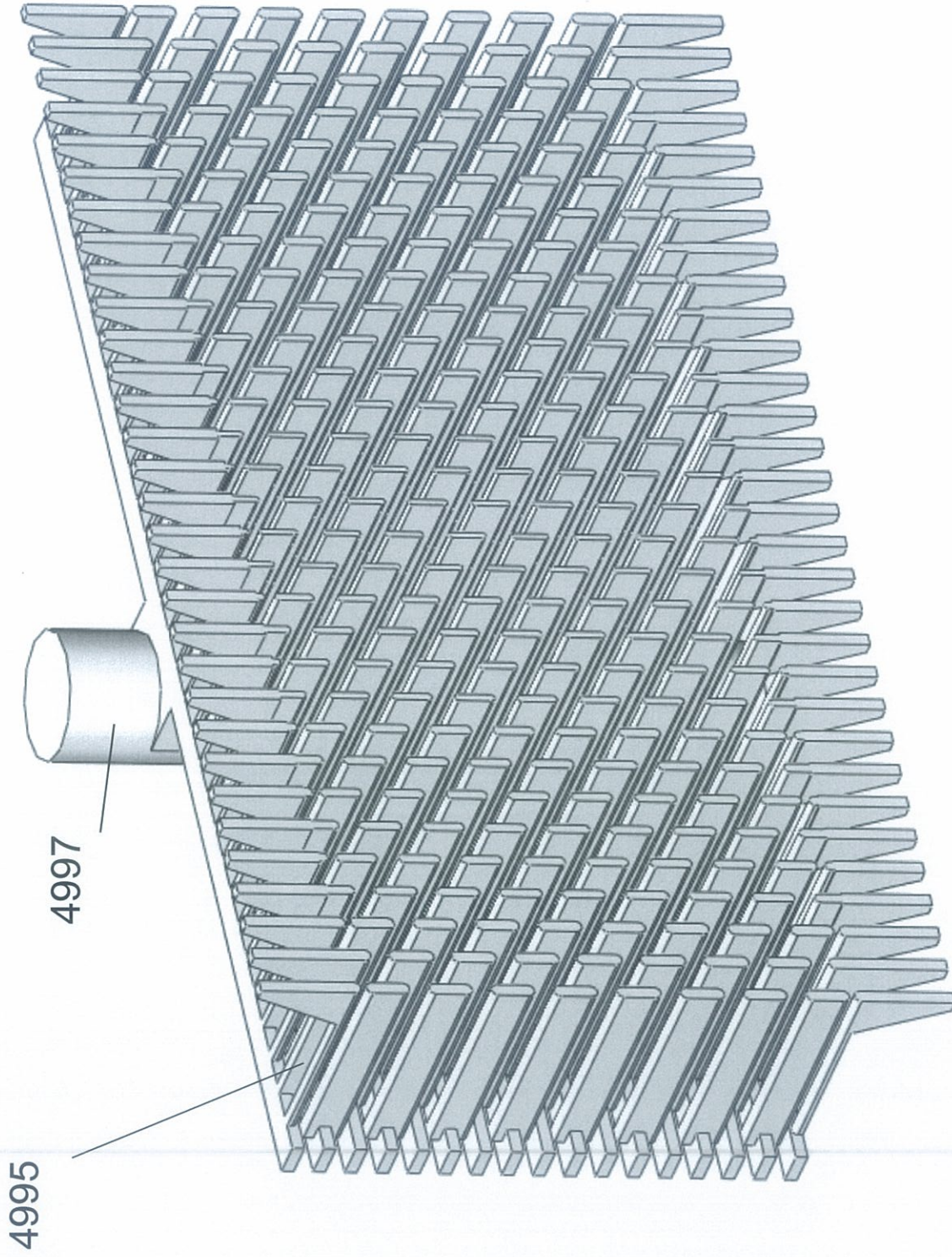


FIG. 49

Pressure-drop vs Flow-velocity across 1 sub-module

Water Temp. = 30 degree_C, number of cell pair = 50
Dilute-stream's width, length, height (cm) = 15.5, 17, 0.042

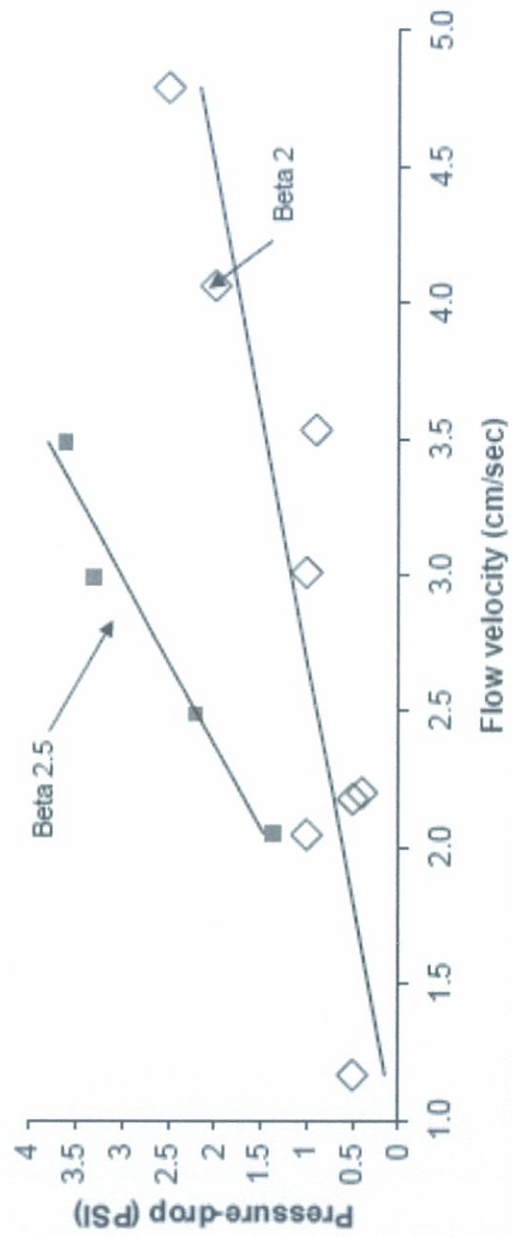


FIG. 50