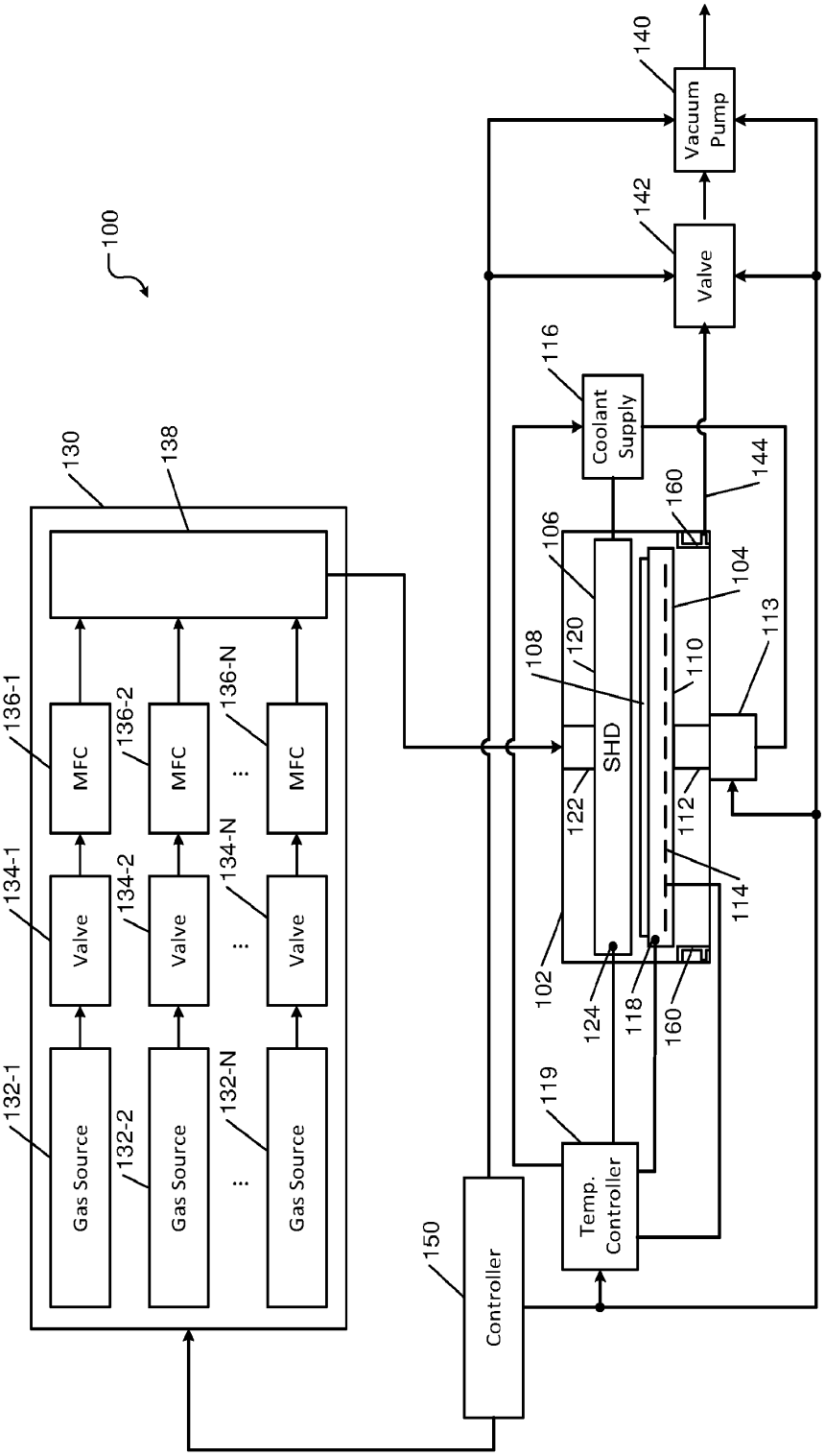

100
130
138
Gas Source
132-1
132-2
132-N
Valve
134-1
134-2
134-N
MFC
136-1
136-2
136-N
Controller
150
Temp. Controller
119
Coolant Supply
116
Vacuum Pump
140
Valve
142
144
160
106
104
113
108
120
110
SHD
122
112
114
102
124
118
160

FIG. 1

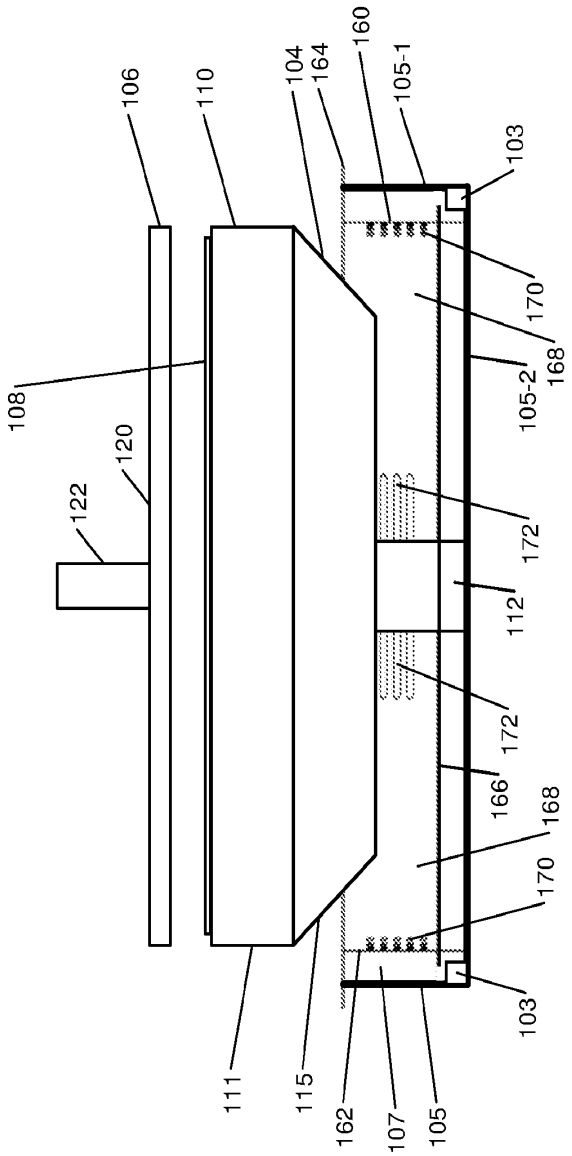

106
110
104
164
160
105-1
103
170
168
105-2
108
120
122
172
112
172
166
168
170
103
111
115
162
107
105

FIG. 2A

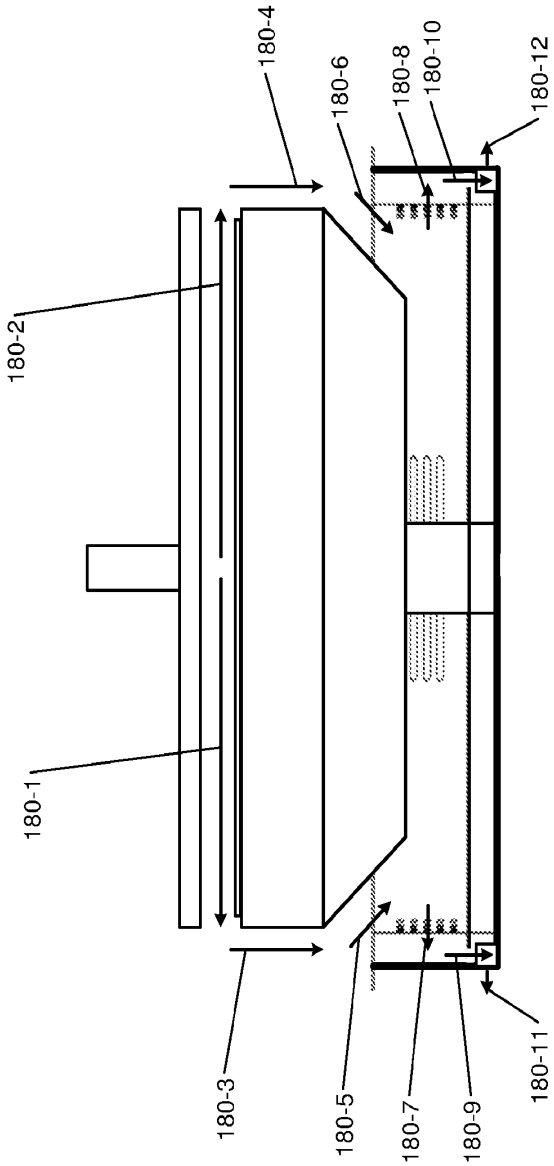

180-4
180-6
180-8
180-10
180-12
180-2
180-1
180-3
180-5
180-7
180-9
180-11

FIG. 2B

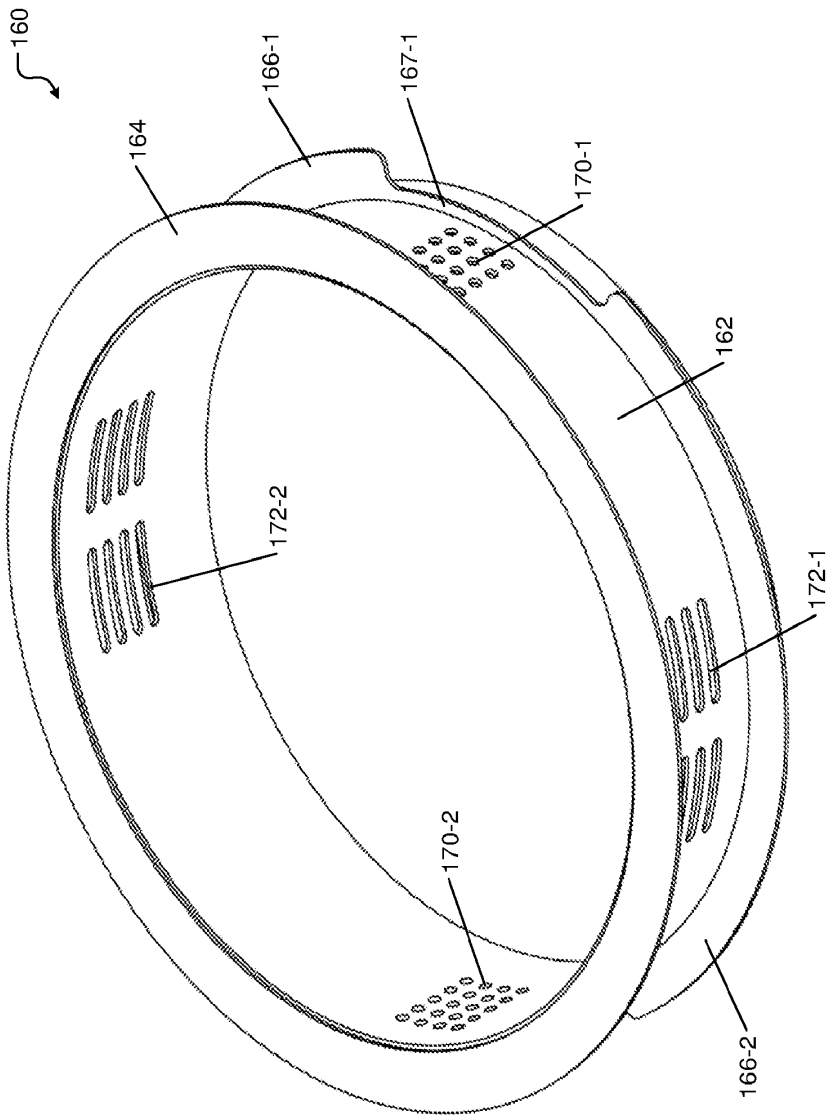


FIG. 3

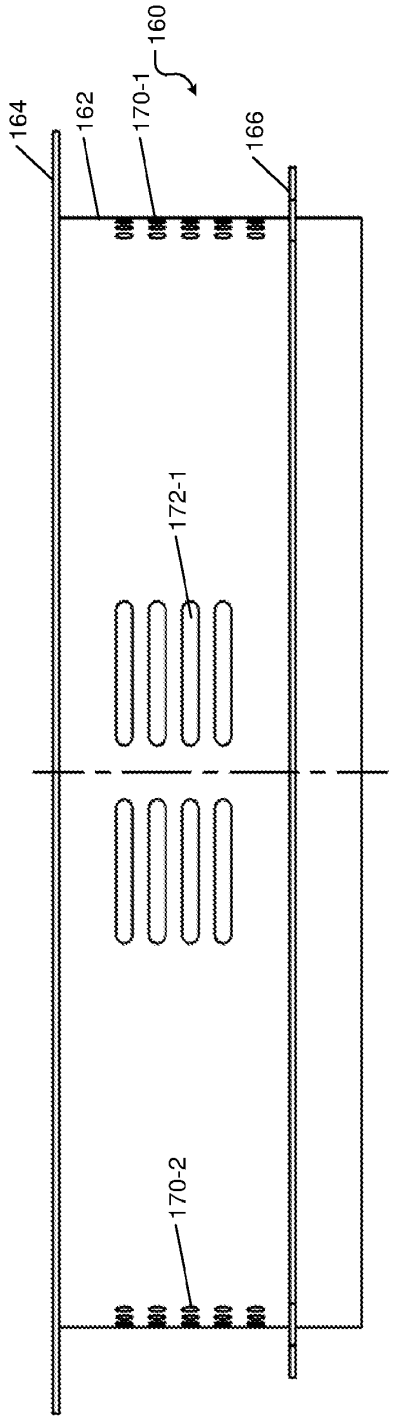


FIG. 4

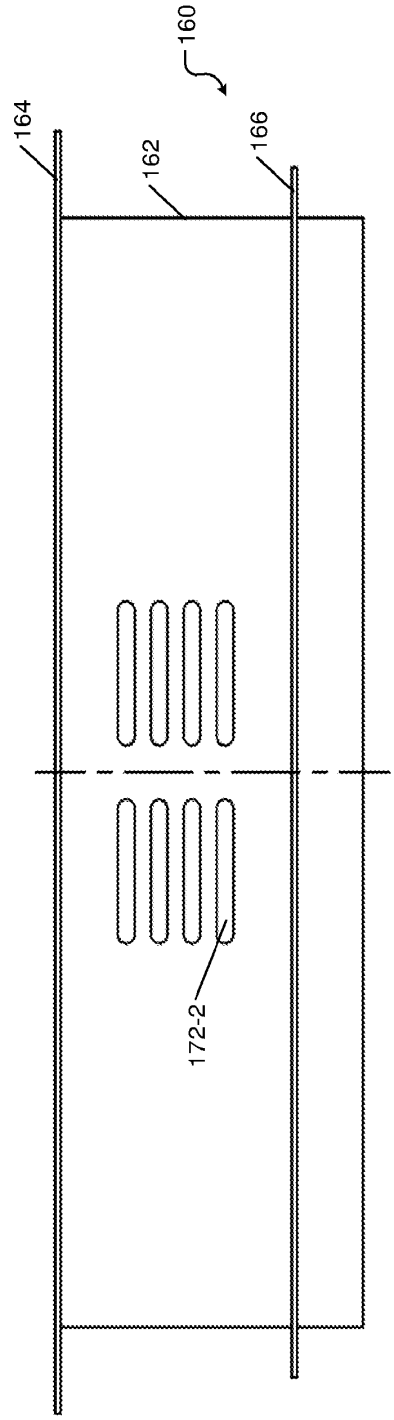


FIG. 5

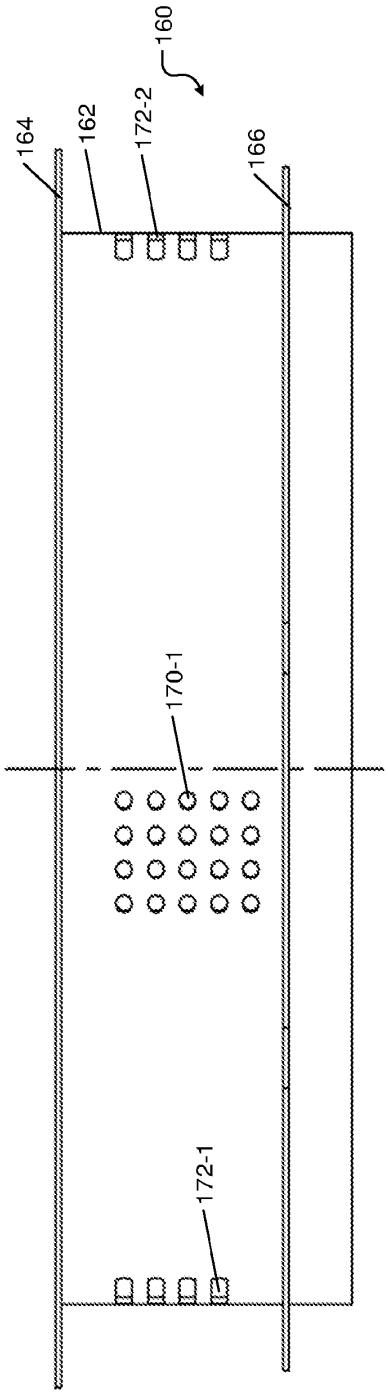


FIG. 6

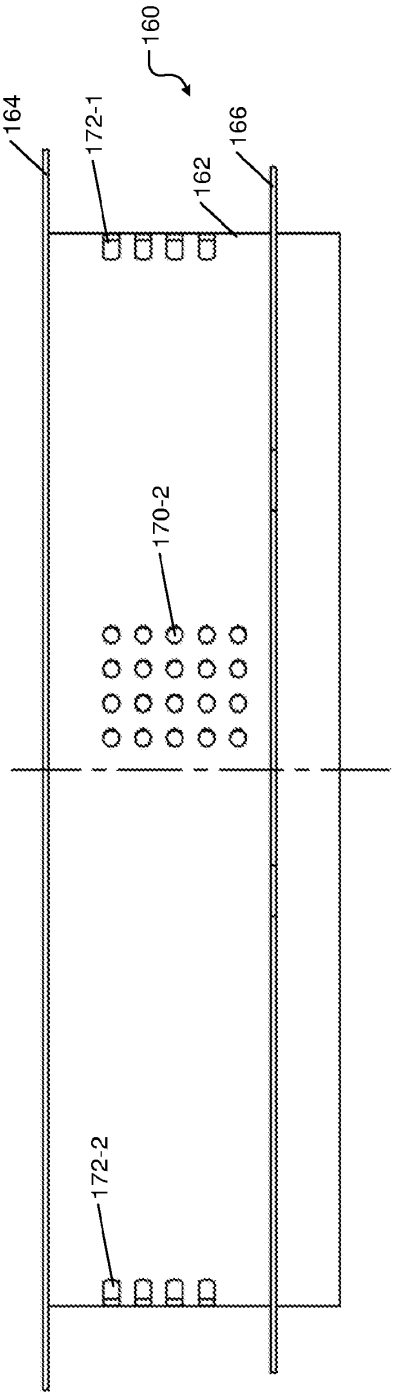


FIG. 7

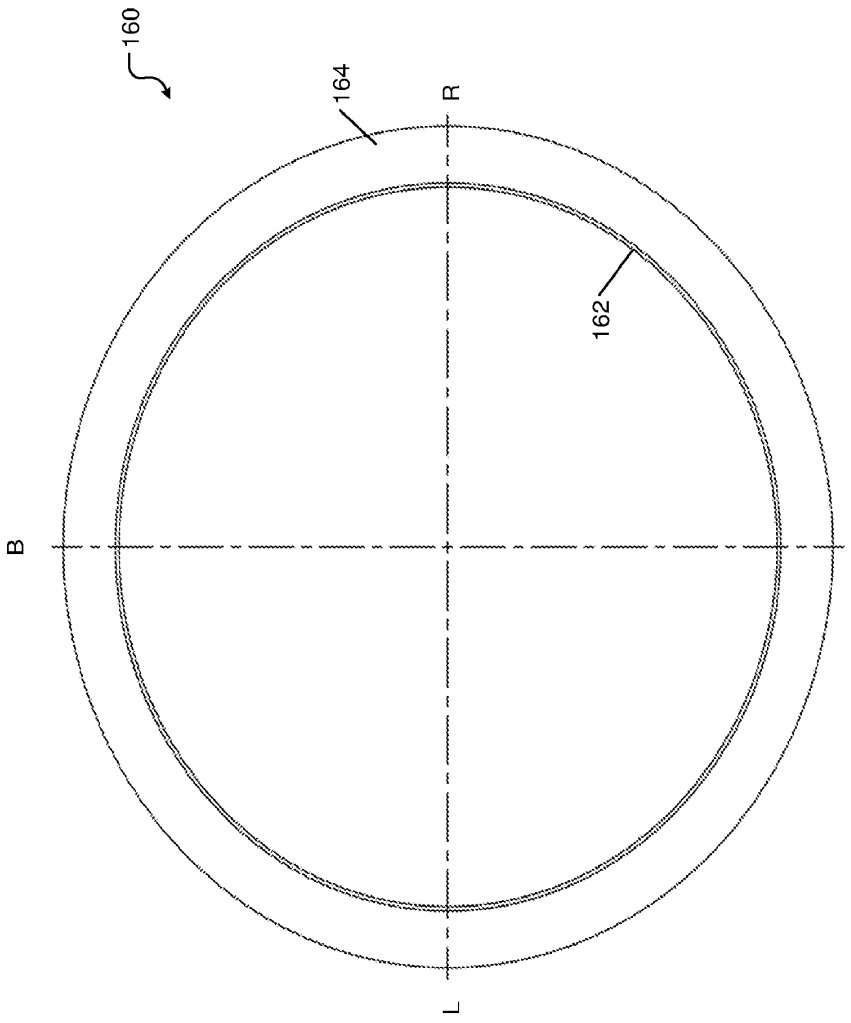


FIG. 8

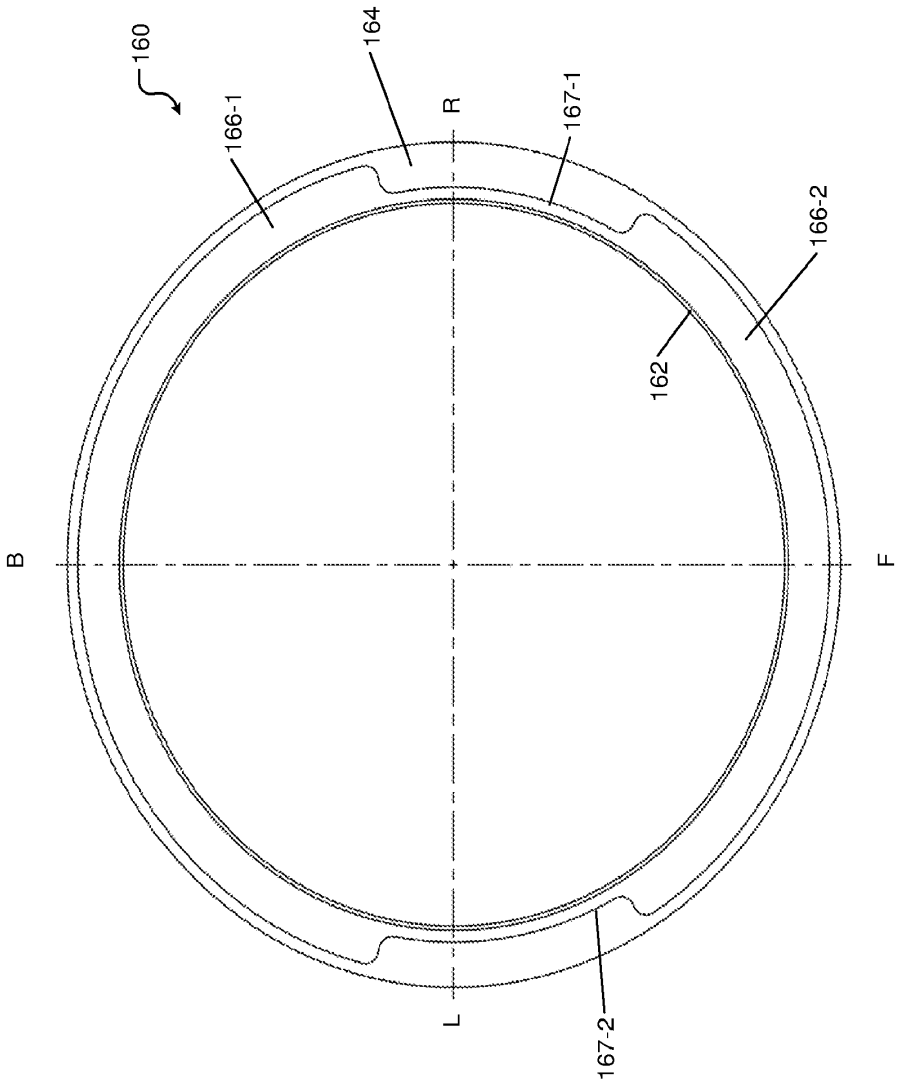


FIG. 9

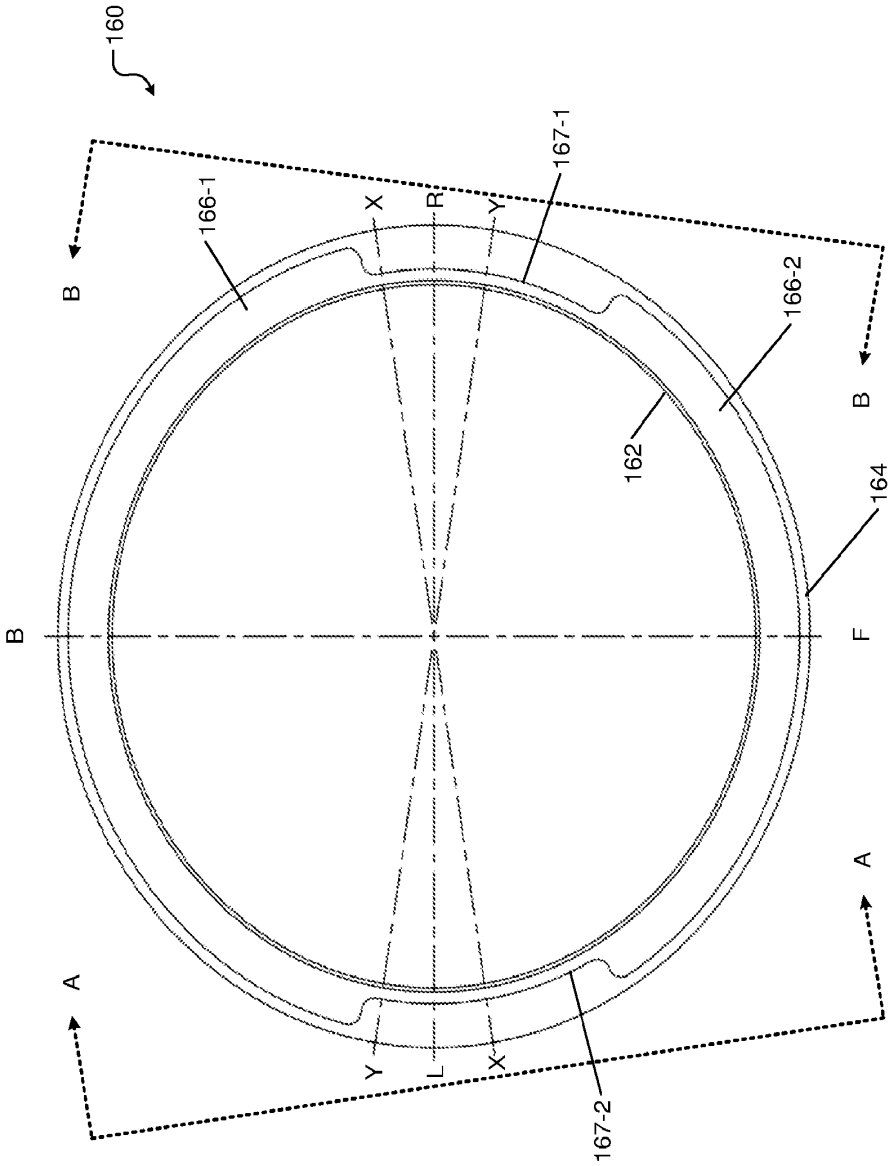


FIG. 10

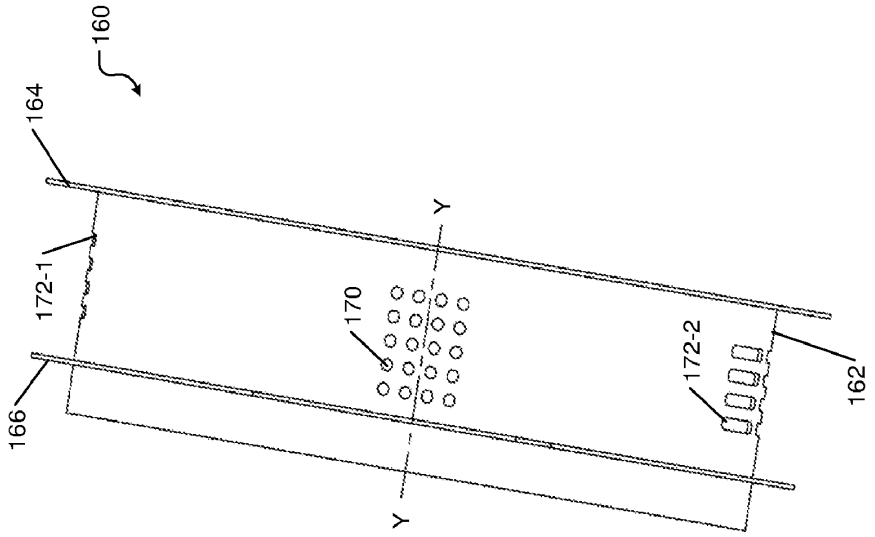

160
164
172-1
166
170
Y
Y
172-2
162

FIG. 12

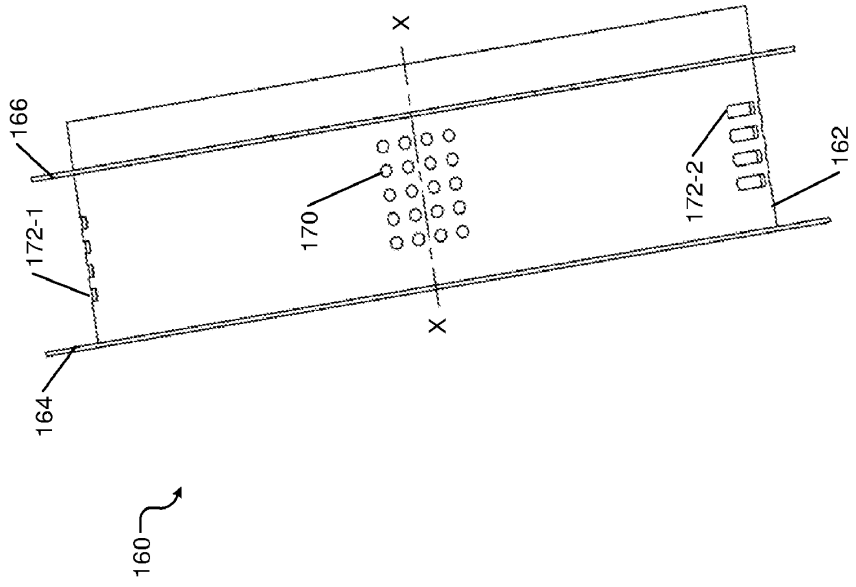

166
172-1
164
160
170
X
X
172-2
162

FIG. 11