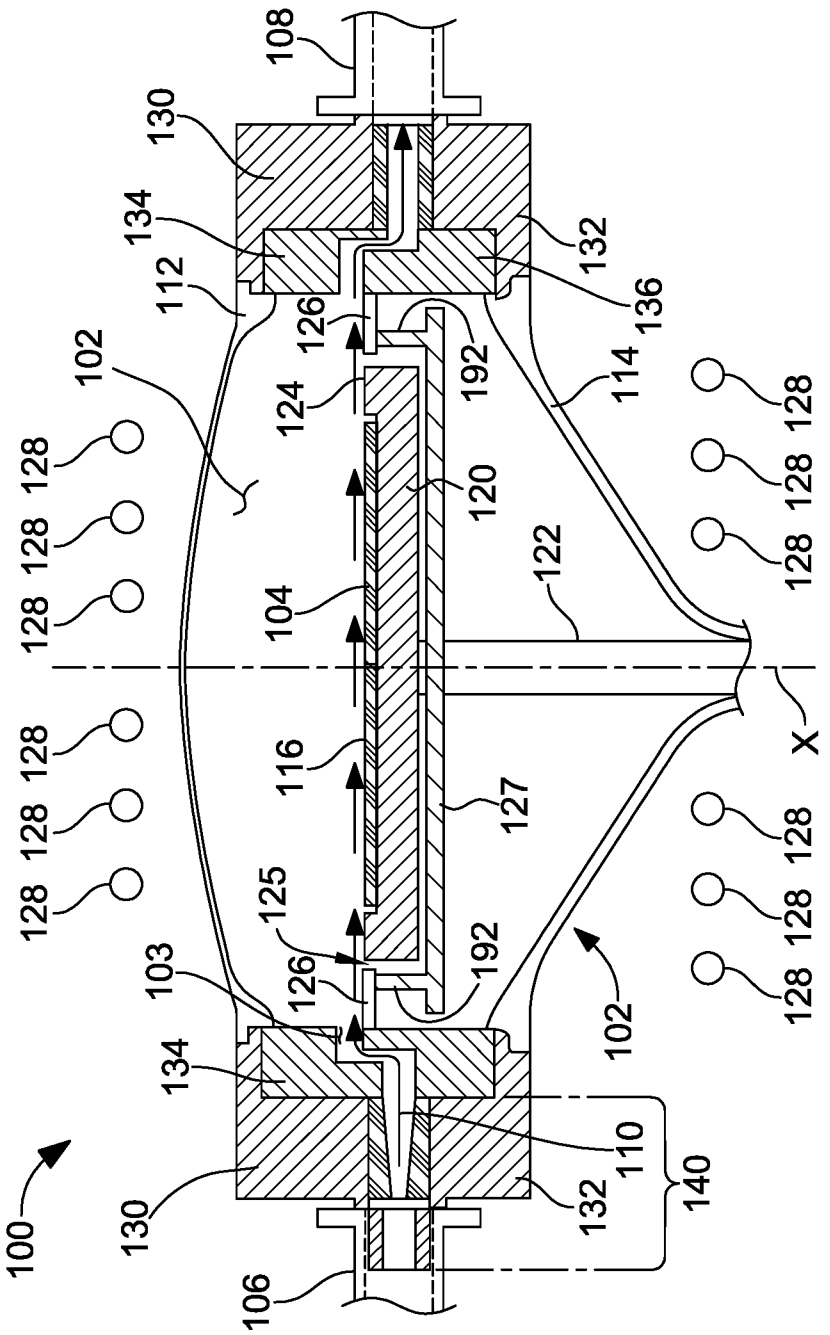

100
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103
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126
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128
130
132
134
136
140
192
X

FIG. 1

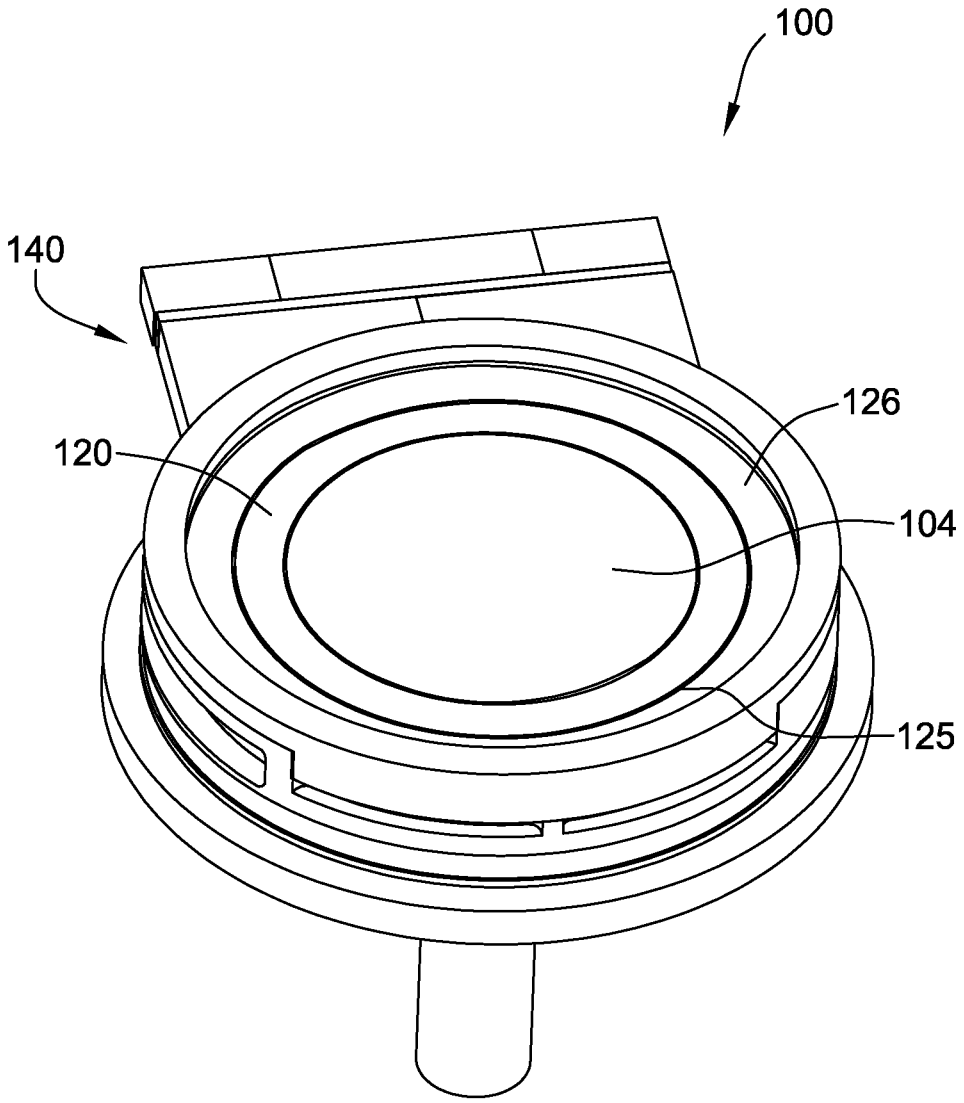


FIG. 2

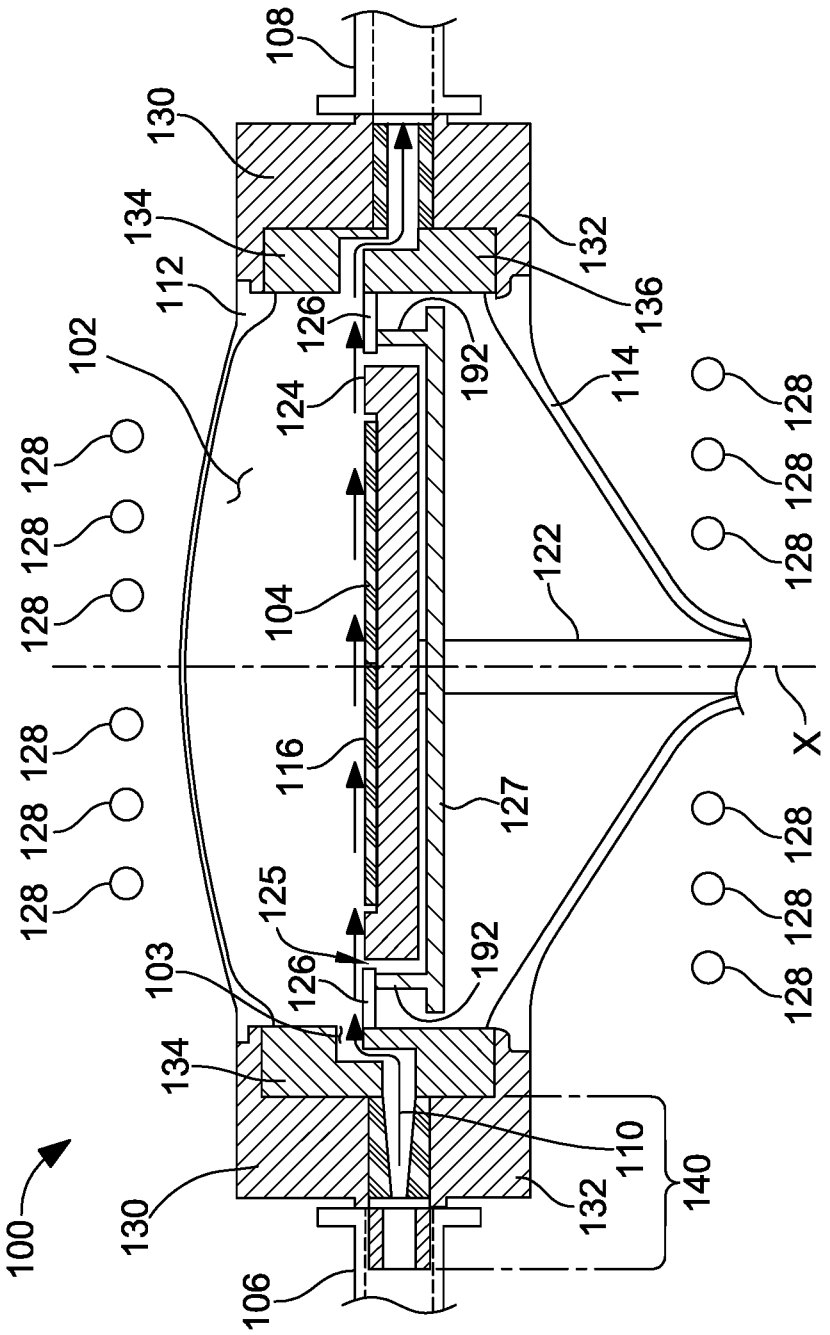

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X

FIG. 3



FIG. 4

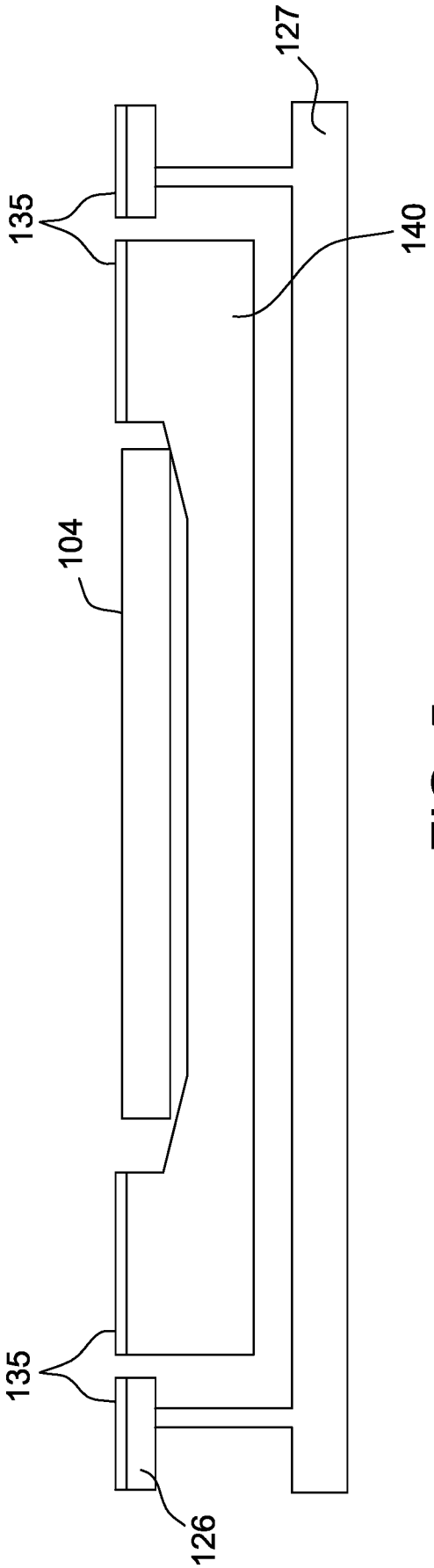


FIG. 5

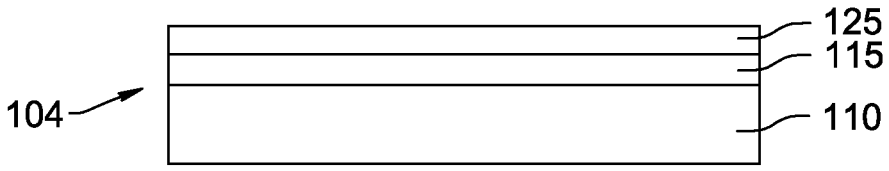


FIG. 6

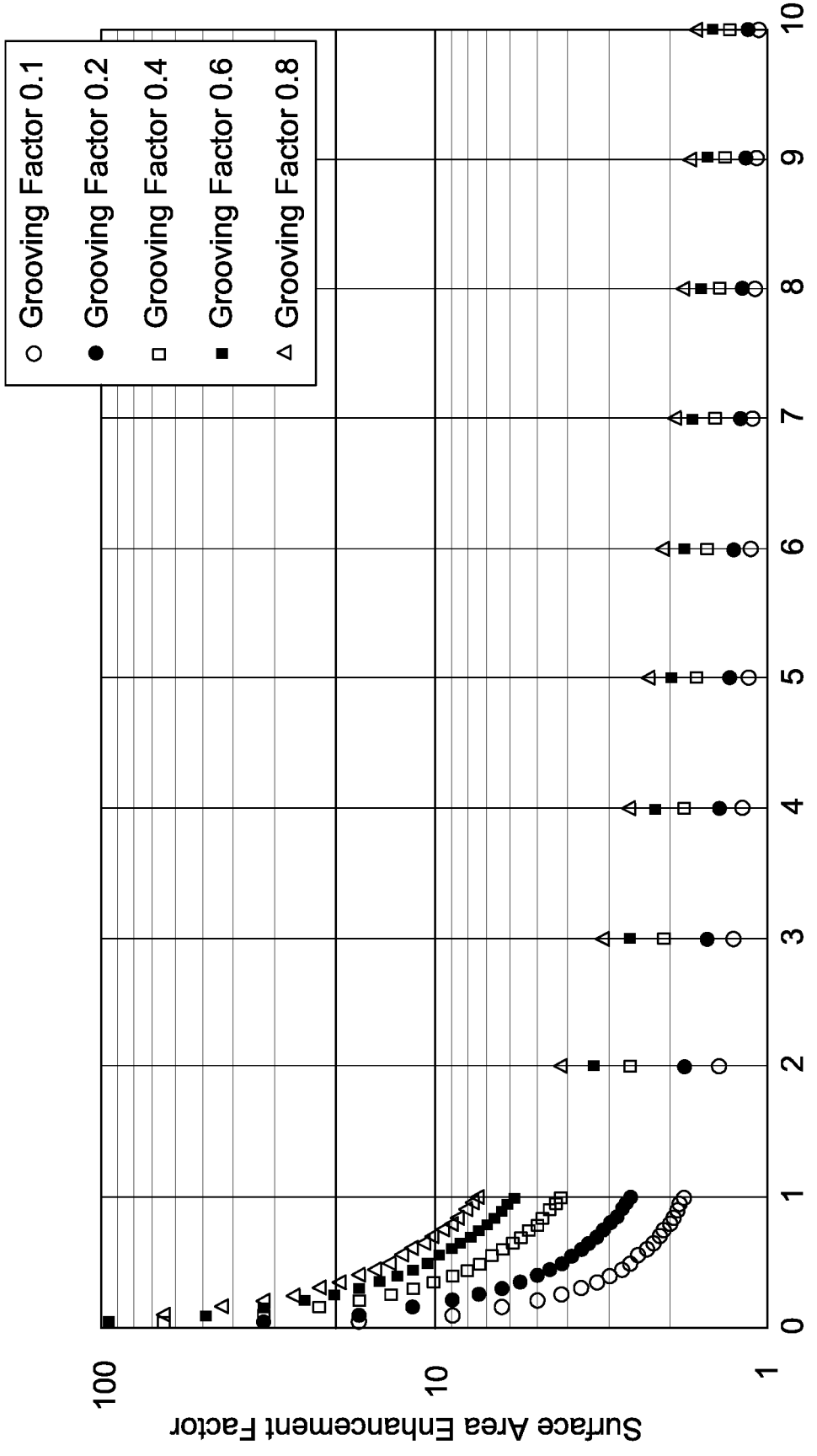

Grooving Factor 0.1
Grooving Factor 0.2
Grooving Factor 0.4
Grooving Factor 0.6
Grooving Factor 0.8
Surface Area Enhancement Factor
100
10
1
0
1
2
3
4
5
6
7
8
9
10
Grain Size (um)

FIG. 7

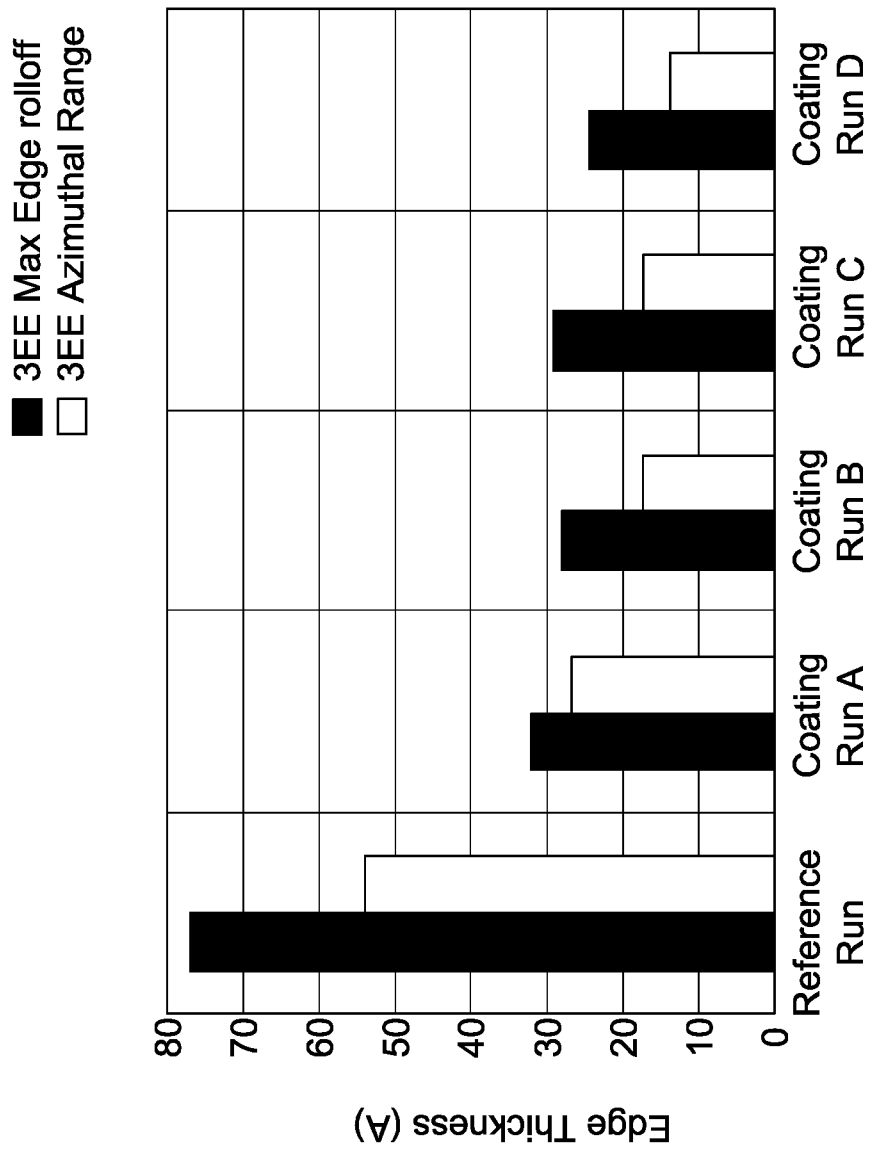

3EE Max Edge rolloff
3EE Azimuthal Range
Edge Thickness (A)
0
10
20
30
40
50
60
70
80
Reference Run
Coating Run A
Coating Run B
Coating Run C
Coating Run D

FIG. 8