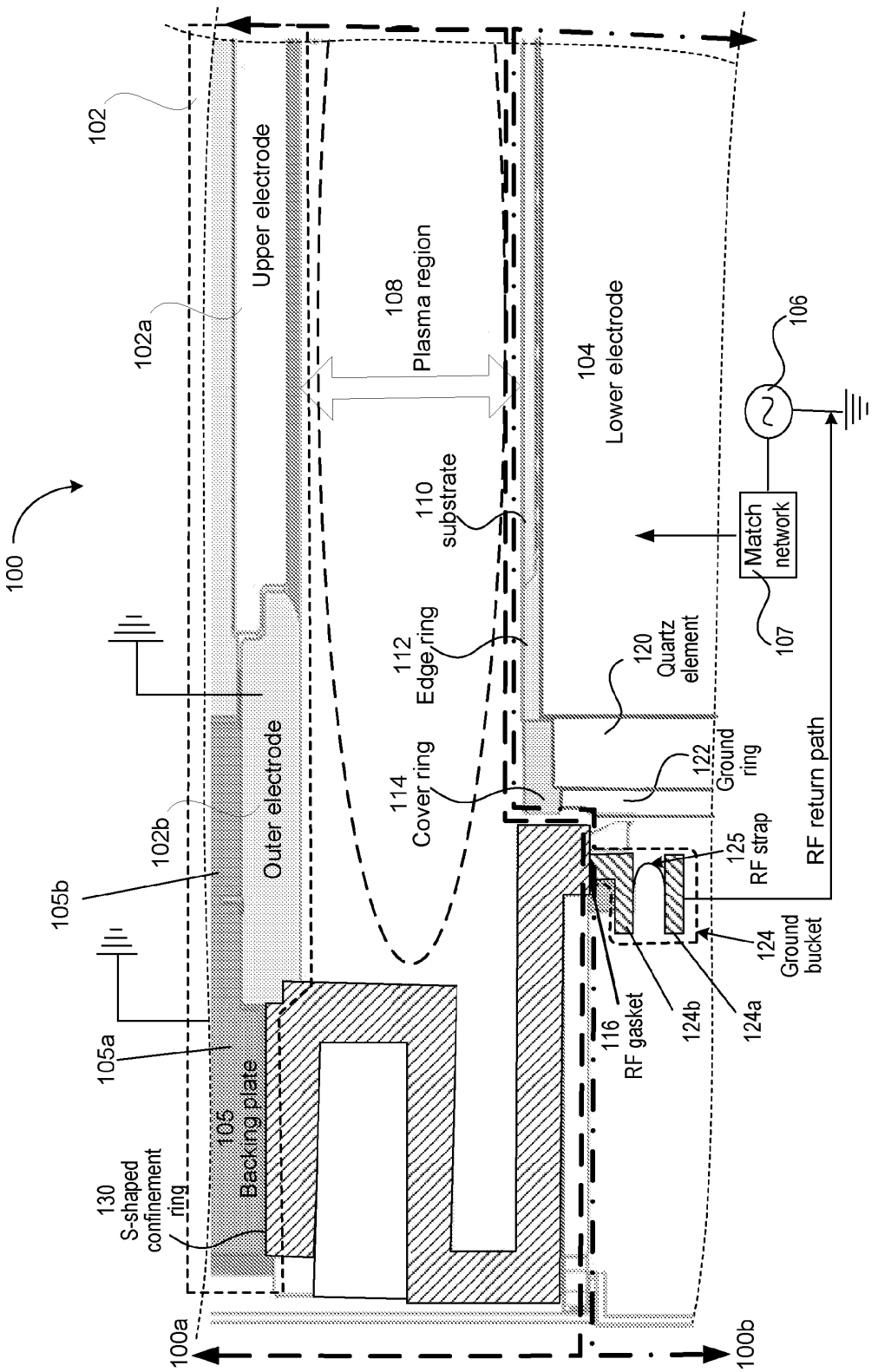

100
102
Upper electrode
102a
108
Plasma region
104
Lower electrode
106
110
substrate
Match
network
107
112
Edge ring
120
Quartz
element
114
Cover ring
122
Ground
ring
102b
Outer electrode
105b
125
RF strap
RF return path
124
Ground
bucket
105a
105
Backing plate
116
RF gasket
124b
124a
130
S-shaped
confinement
ring
100a
100b

Figure 1

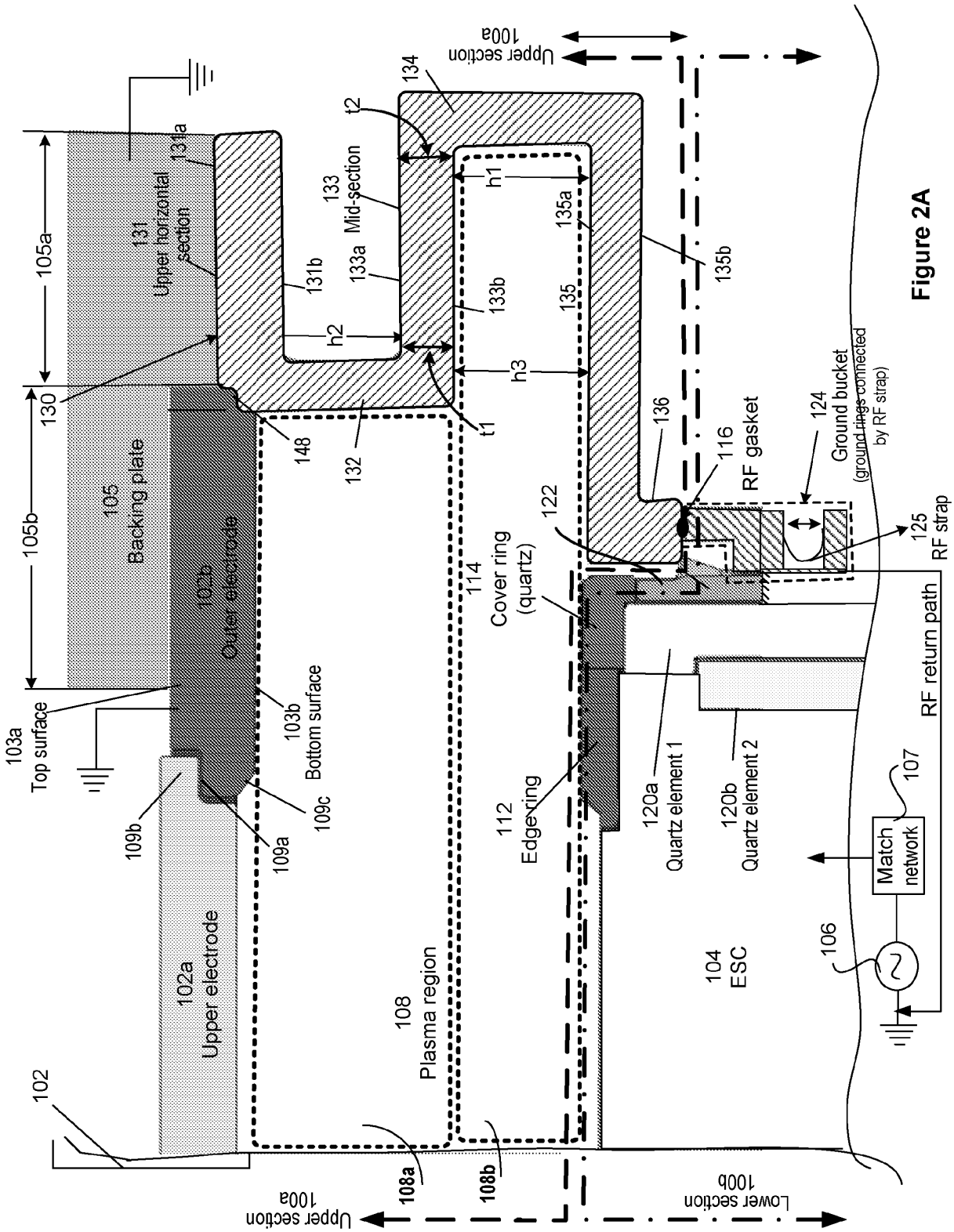

Upper section 100a
134
t2
131a
131 Upper horizontal section
133 Mid-section
h1
135a
105a
131b
133a
135b
133b
135
h2
h3
130
105 Backing plate
148
132
t1
136
116 RF gasket
124 Ground bucket (ground rings connected by RF strap)
105b
103b Outer electrode
122
125 RF strap
114 Cover ring (quartz)
103a Top surface
103b Bottom surface
109c
109b
109a
112 Edgering
120a Quartz element 1
120b Quartz element 2
RF return path
107 Match network
102a Upper electrode
108 Plasma region
104 ESC
106
102
108a
108b
Upper section 100a
Lower section 100b

Figure 2A

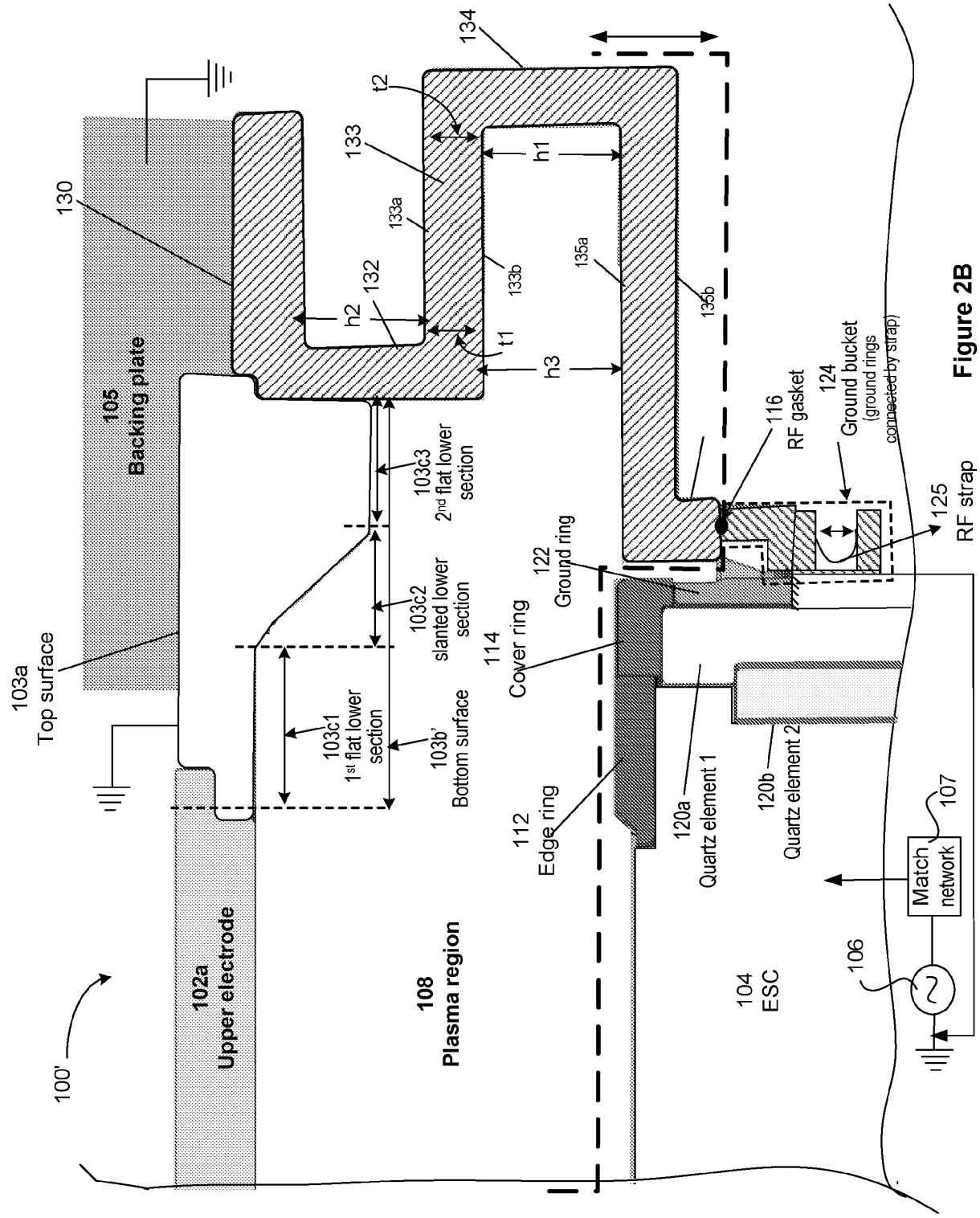

100'
102a
Upper electrode
105
Backing plate
130
103a
Top surface
108
Plasma region
104
ESC
106
Match network
107
112
Edge ring
114
Cover ring
122
Ground ring
120a
Quartz element 1
120b
Quartz element 2
103b'
Bottom surface
103c1
1st flat lower section
103c2
slanted lower section
103c3
2nd flat lower section
132
133
133a
133b
134
135a
135b
h1
h2
h3
t1
t2
116
RF gasket
124
Ground bucket
(ground rings connected by strap)
125
RF strap

Figure 2B

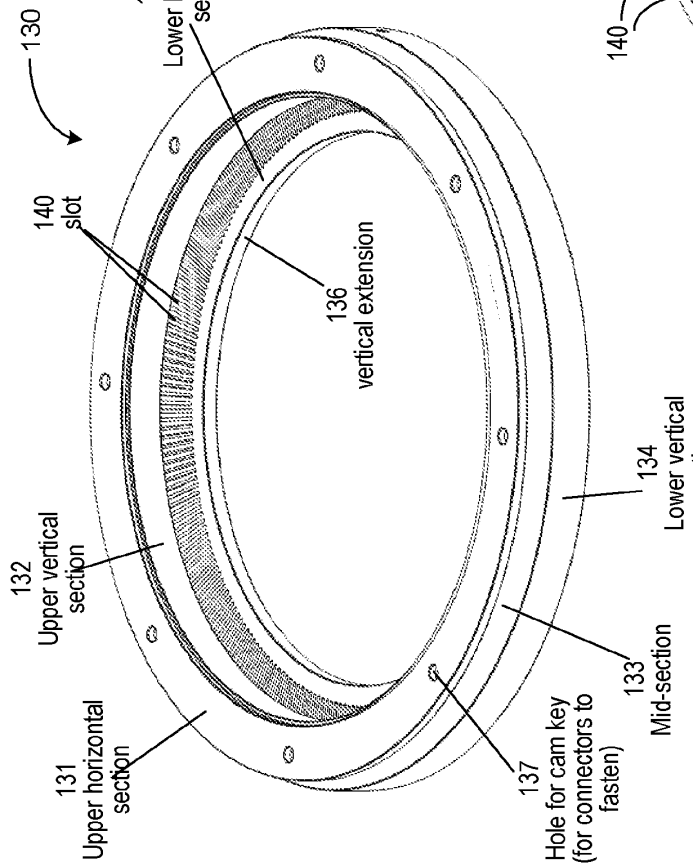


Figure 3A

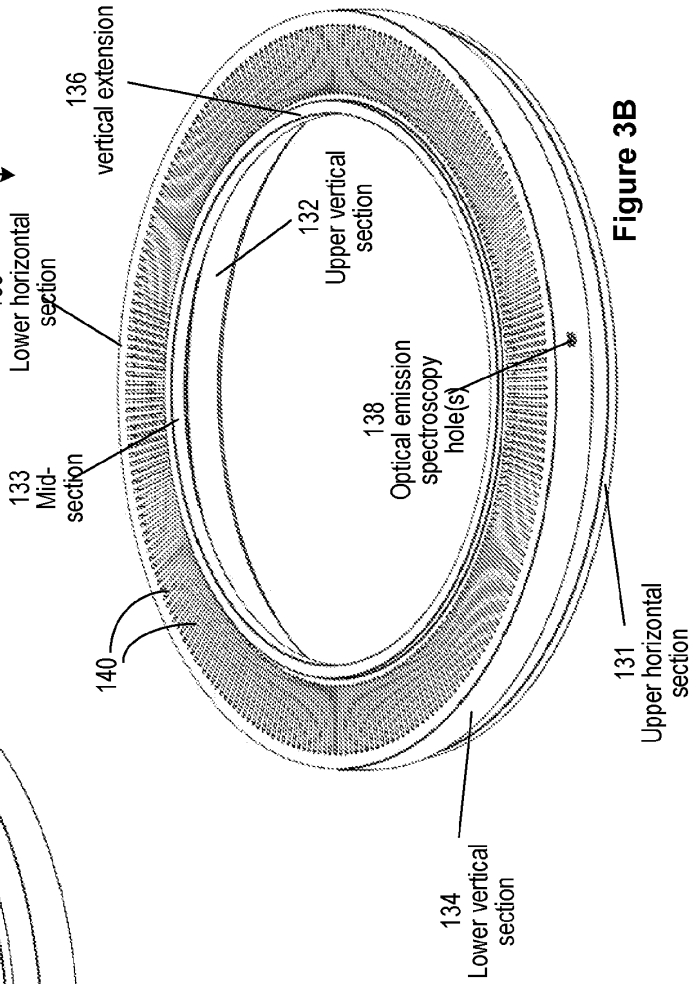


Figure 3B

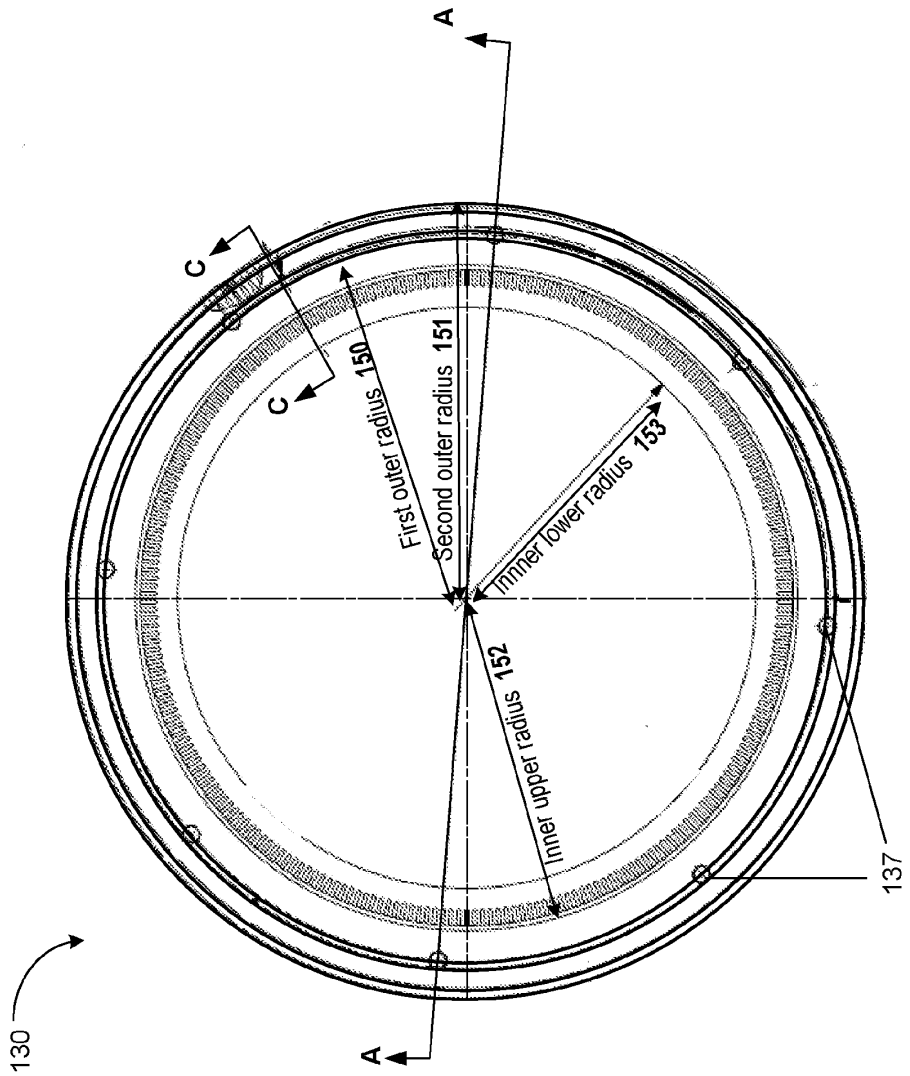
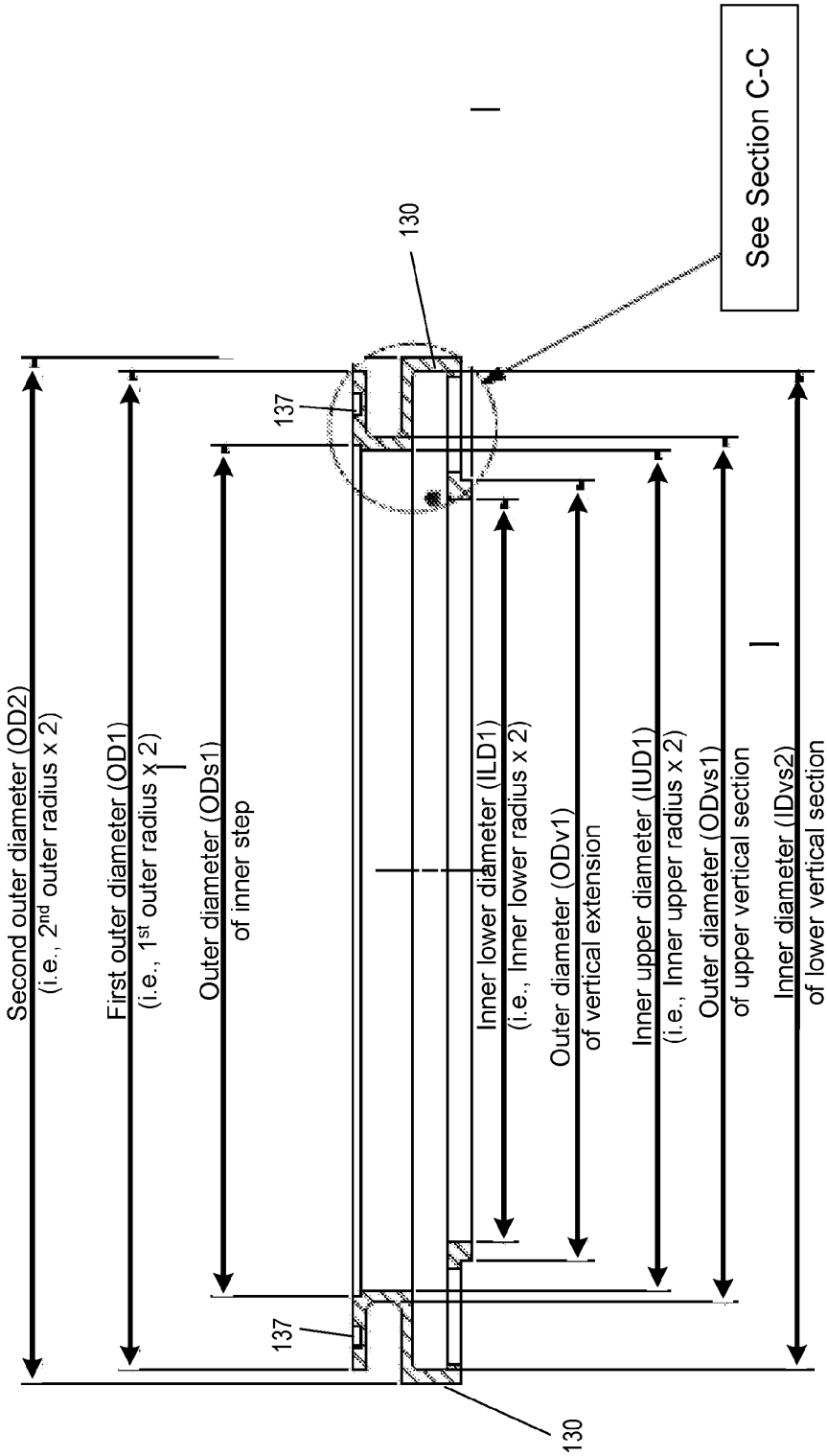
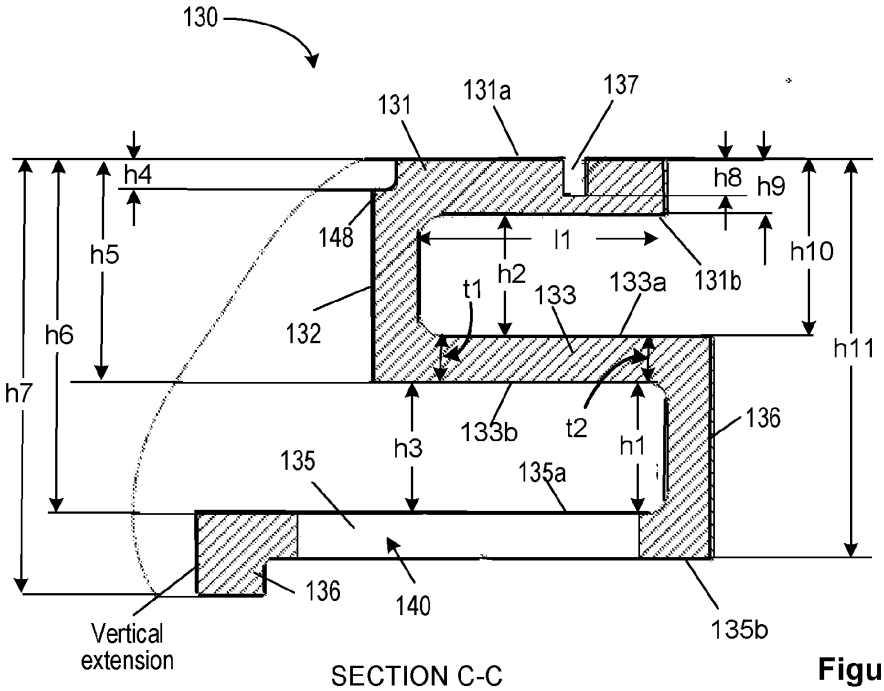

A
C
C
First outer radius 150
Second outer radius 151
Inner lower radius 153
Inner upper radius 152
137
A
130

Figure 4



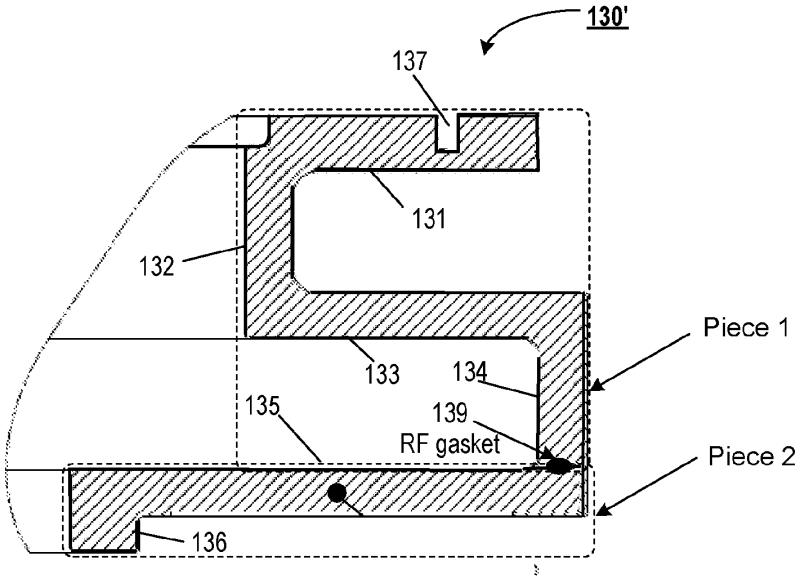
SECTION A-A

Figure 5



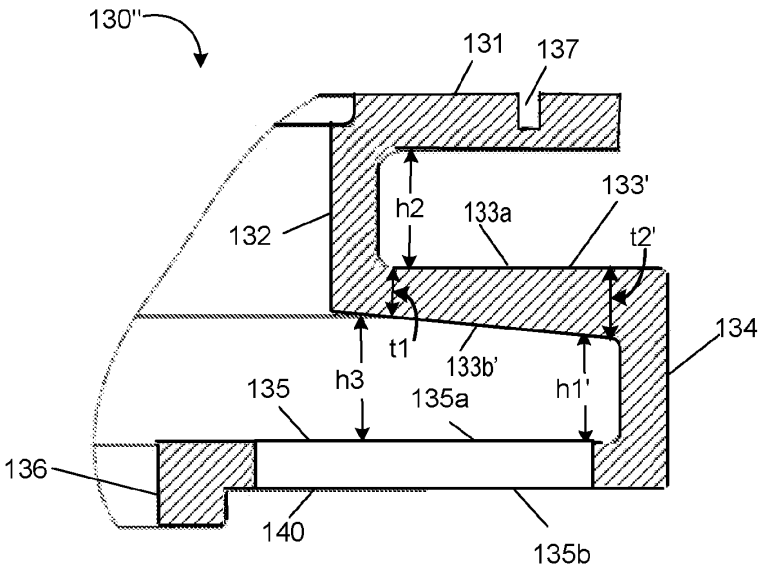
SECTION C-C
(MAGNIFIED)

Figure 6A



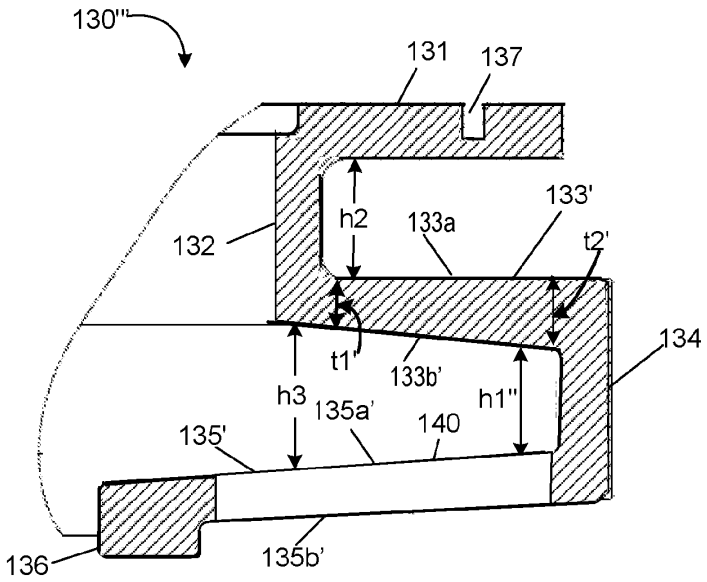
SECTION C-C
(MAGNIFIED)

Figure 6B



SECTION C-C
(MAGNIFIED)

Figure 6C



SECTION C-C
(MAGNIFIED)

Figure 6D

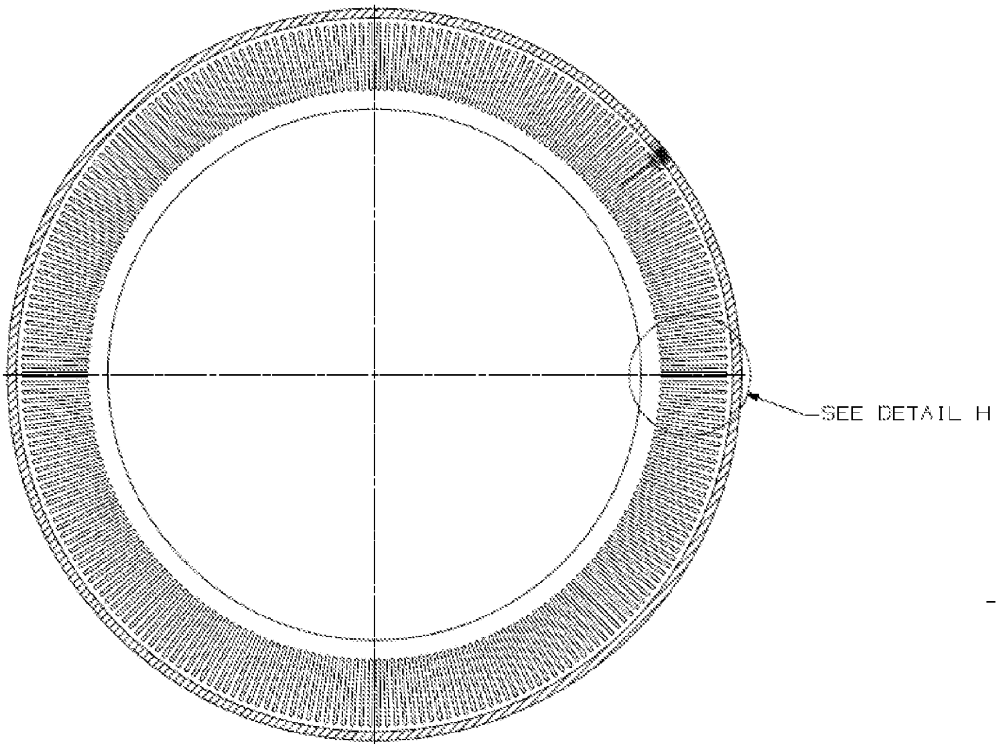


Figure 7

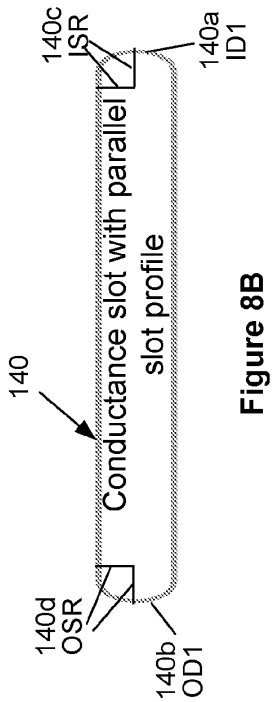


Figure 8B

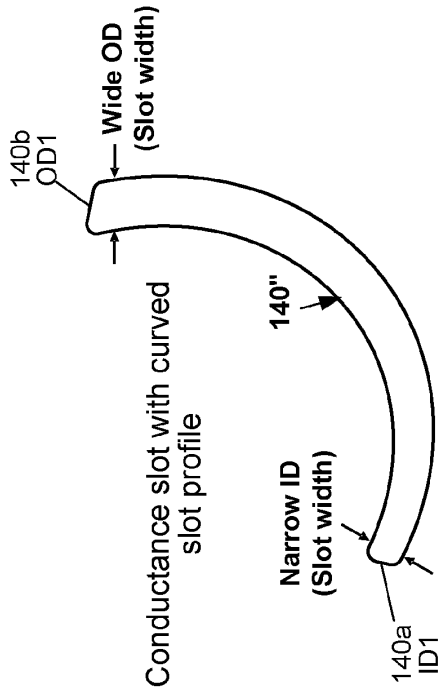


Figure 8D

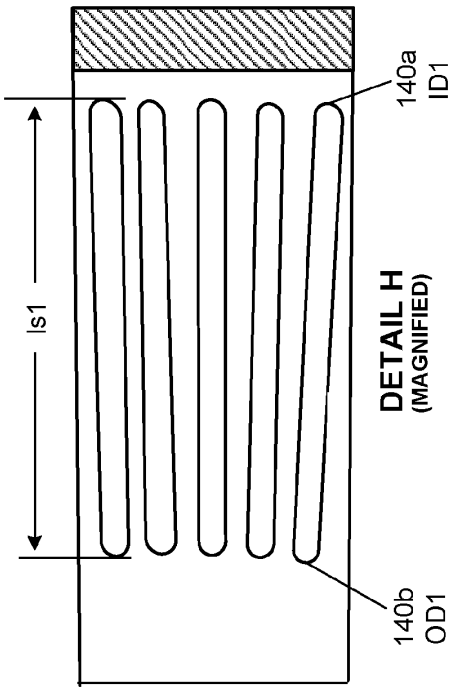


Figure 8A

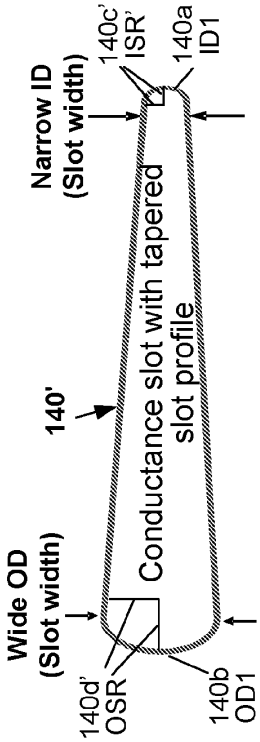


Figure 8C