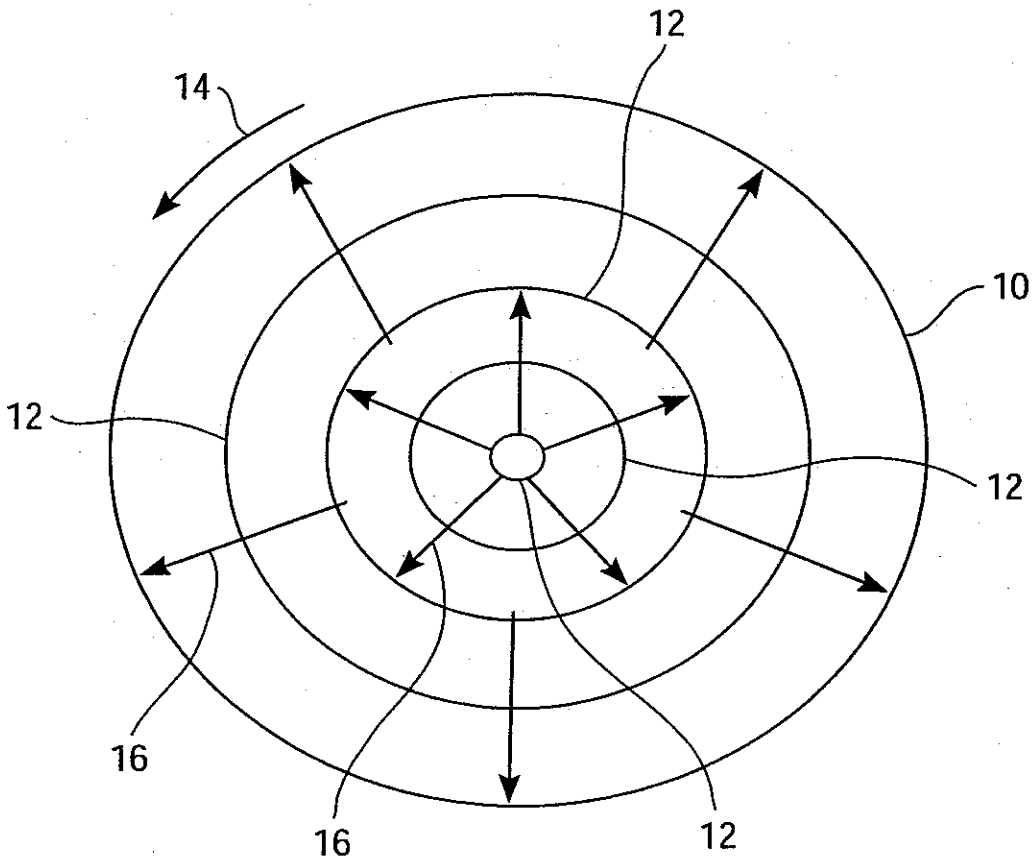


FIG. 1
(PRIOR ART)

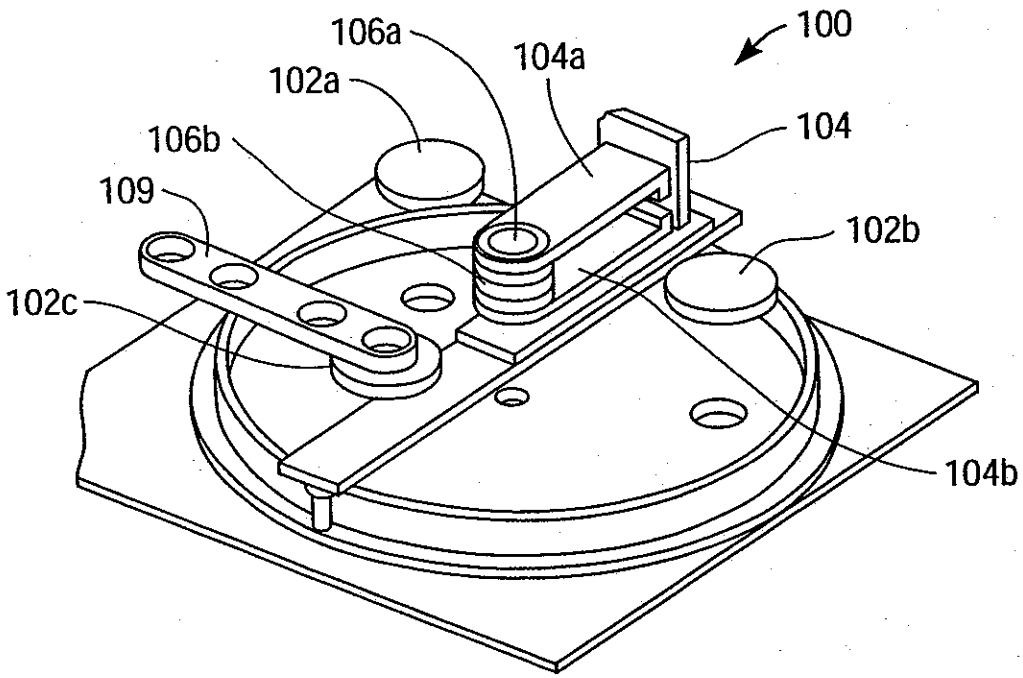

106a
104a
100
102a
104
106b
109
102b
102c
104b

FIG. 2A

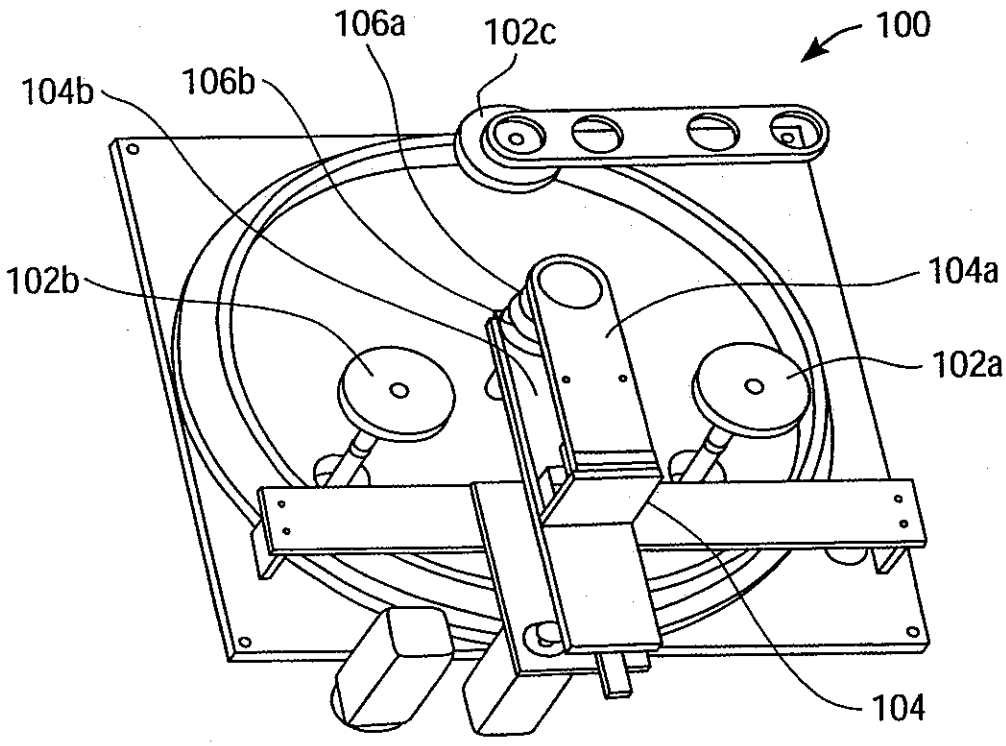

106a
102c
100
104b
106b
102b
104a
102a
104

FIG. 2B

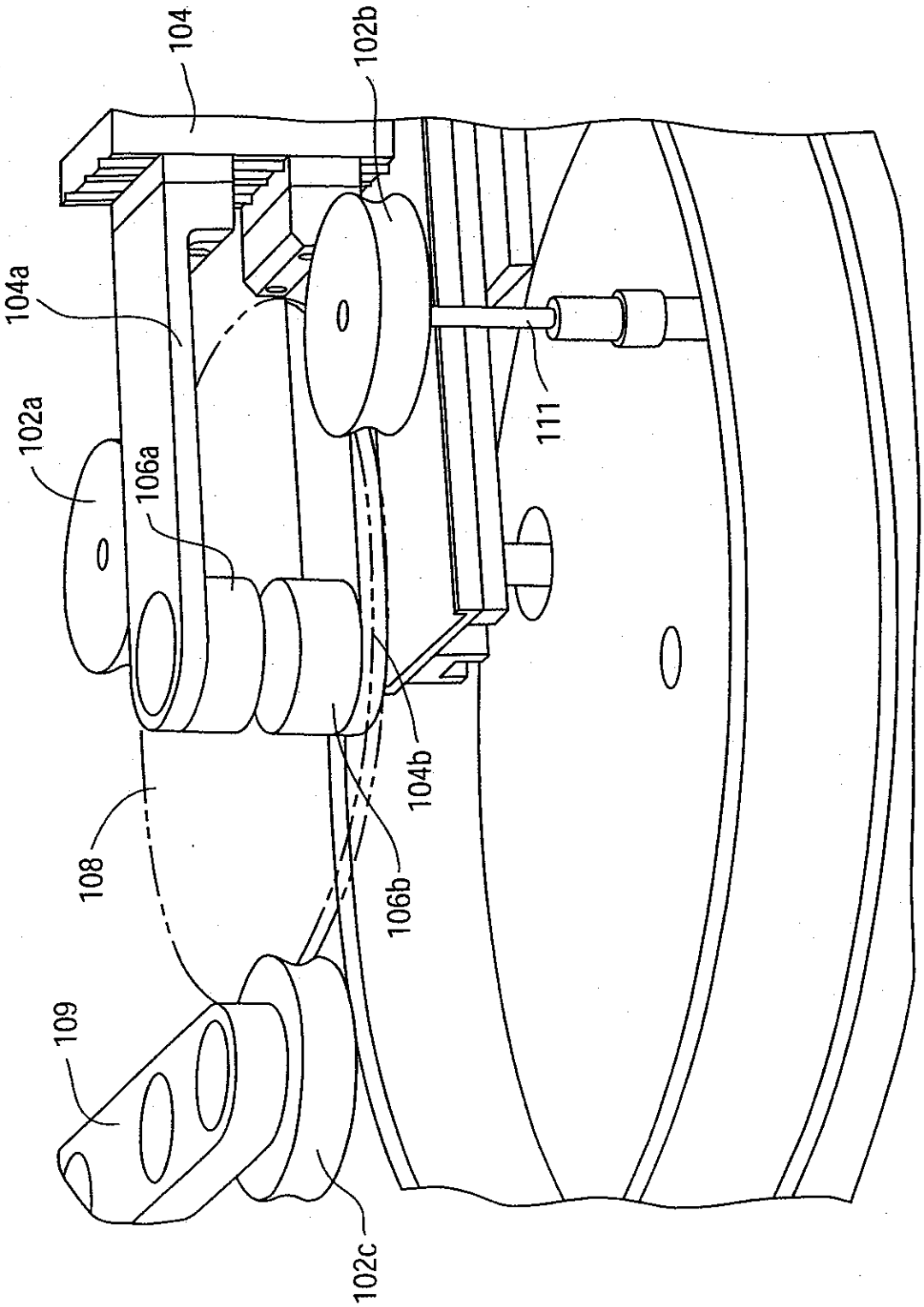


FIG. 2C

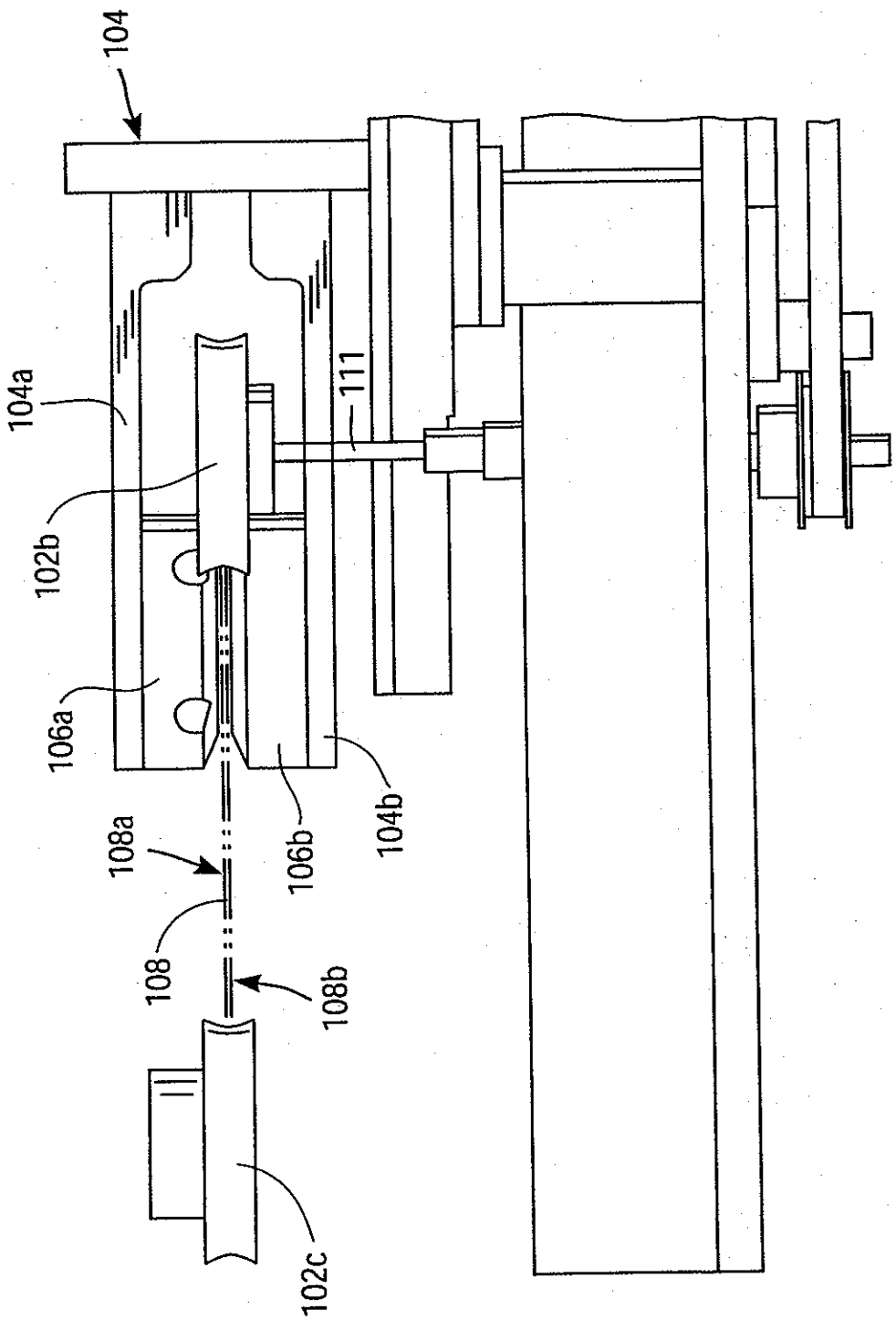


FIG. 2D

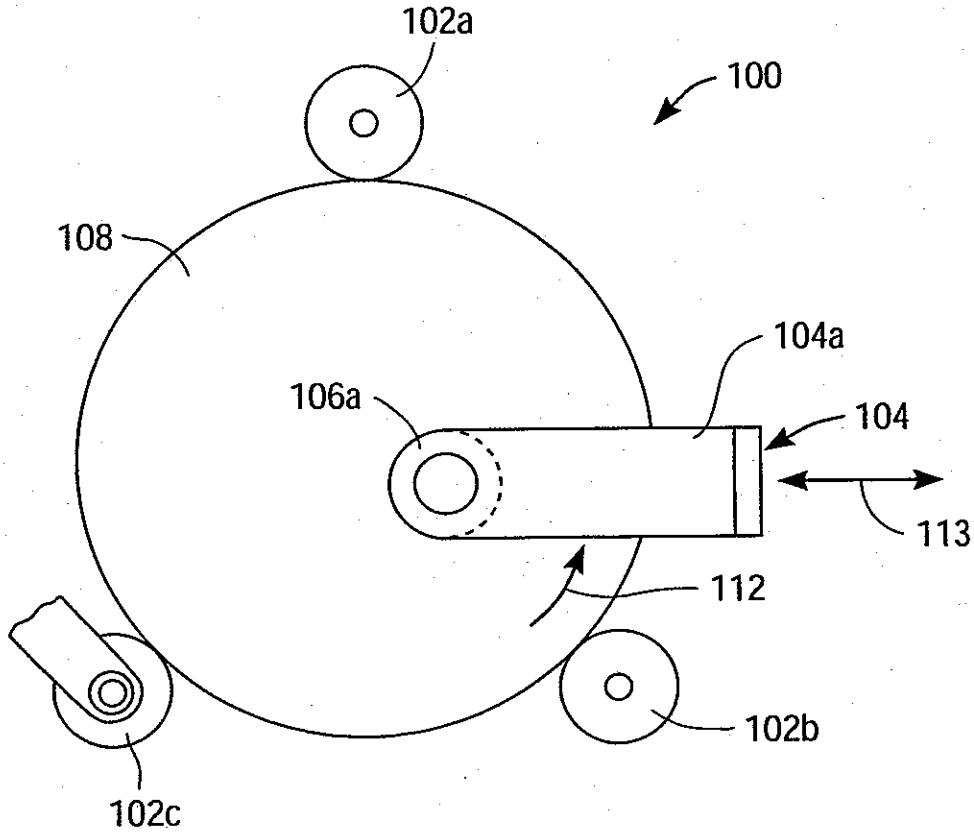

102a
100
108
104a
106a
104
113
112
102b
102c

FIG. 3A

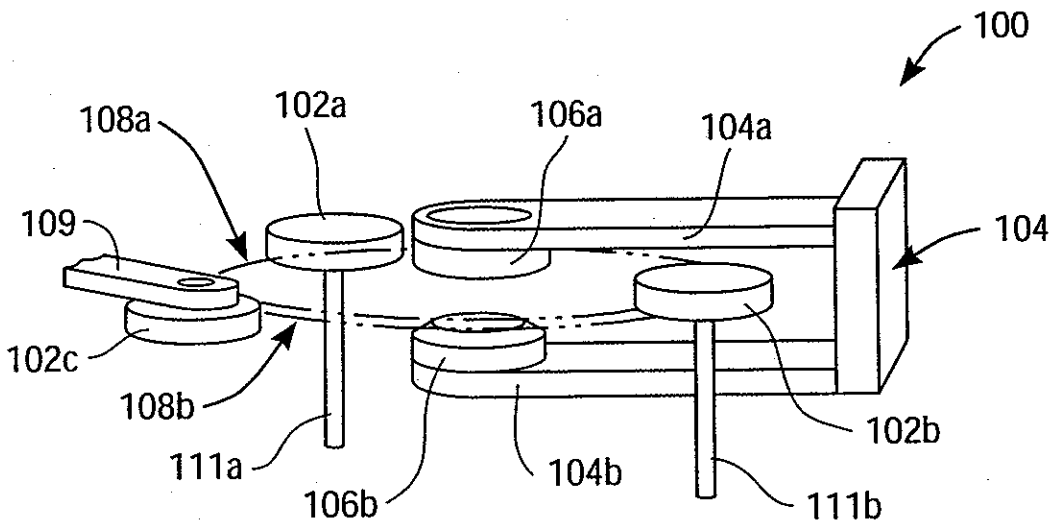

100
108a
102a
106a
104a
109
104
102c
108b
102b
111a
106b
104b
111b

FIG. 3B

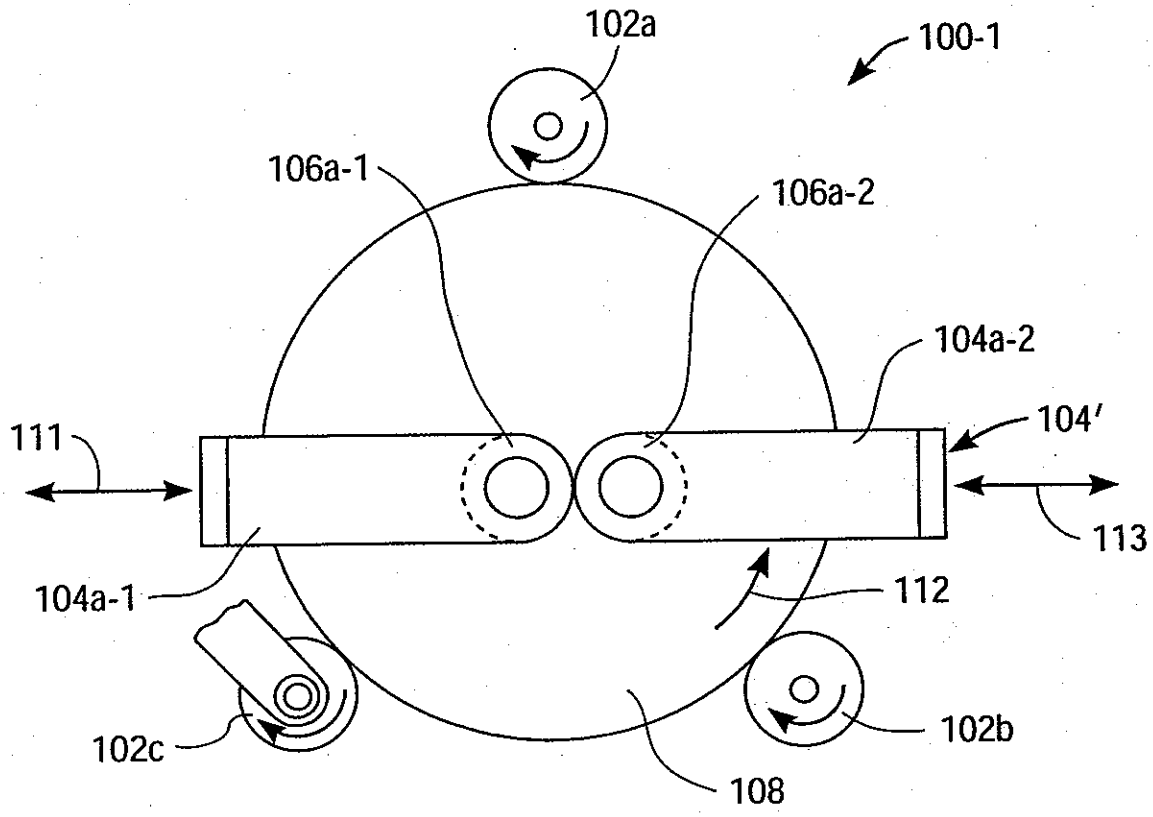

102a
100-1
106a-1
106a-2
104a-2
104′
111
113
104a-1
112
102c
102b
108

FIG. 4A

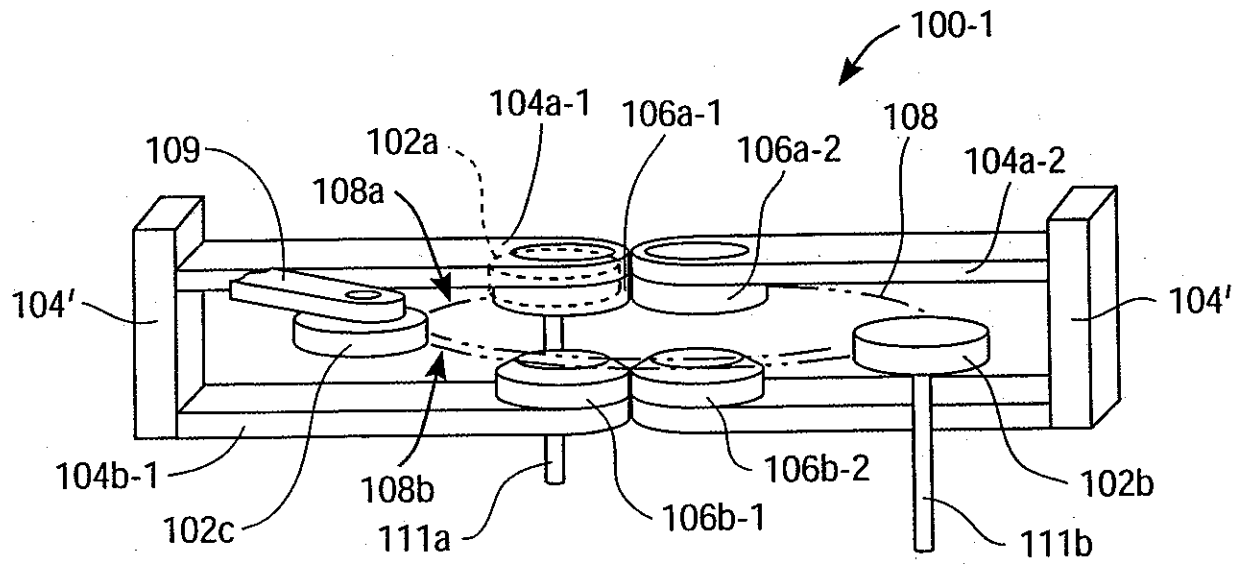

100-1
104a-1
106a-1
108
109
102a
106a-2
104a-2
108a
104′
104′
104b-1
108b
106b-2
102b
102c
111a
106b-1
111b

FIG. 4B

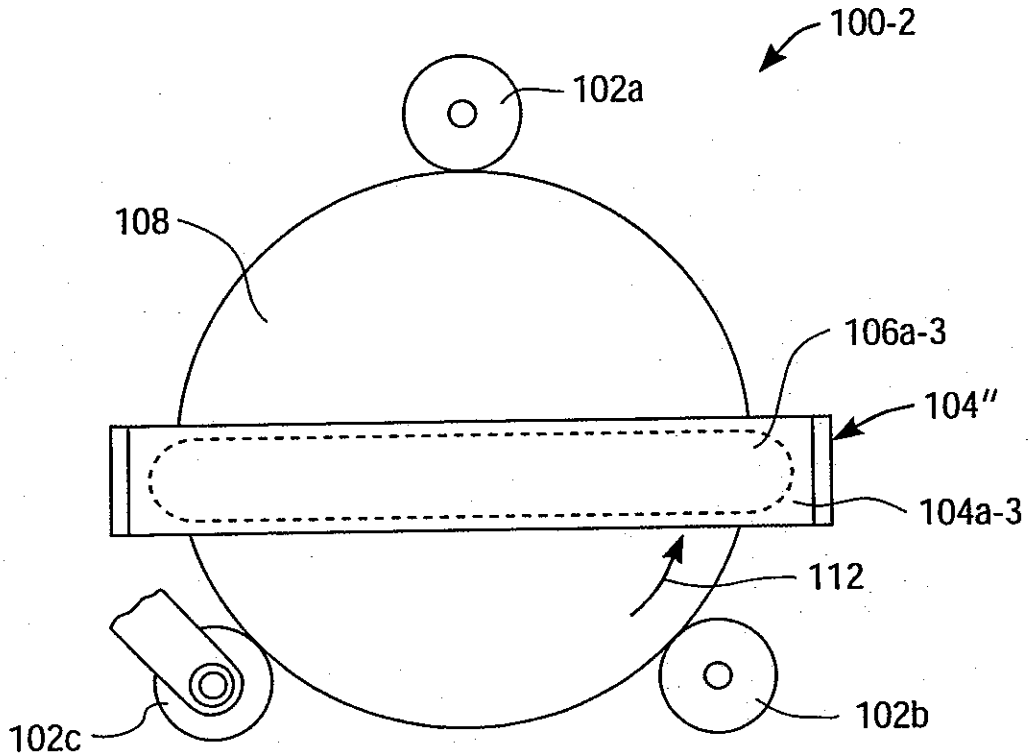

100-2
102a
108
106a-3
104″
104a-3
112
102c
102b

FIG. 5A

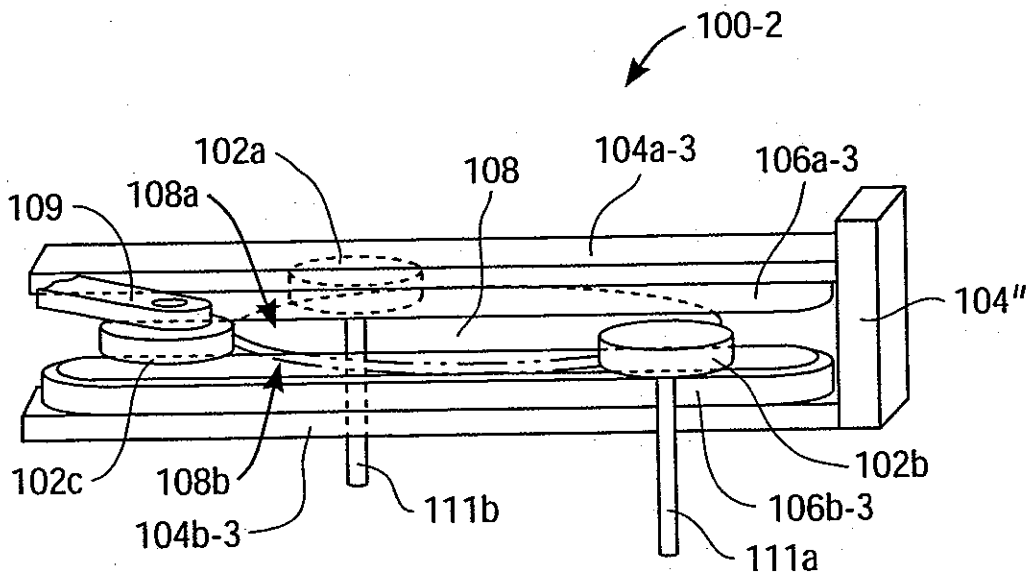

100-2
102a
108
104a-3
106a-3
109
108a
104″
102b
102c
108b
111b
106b-3
104b-3
111a

FIG. 5B

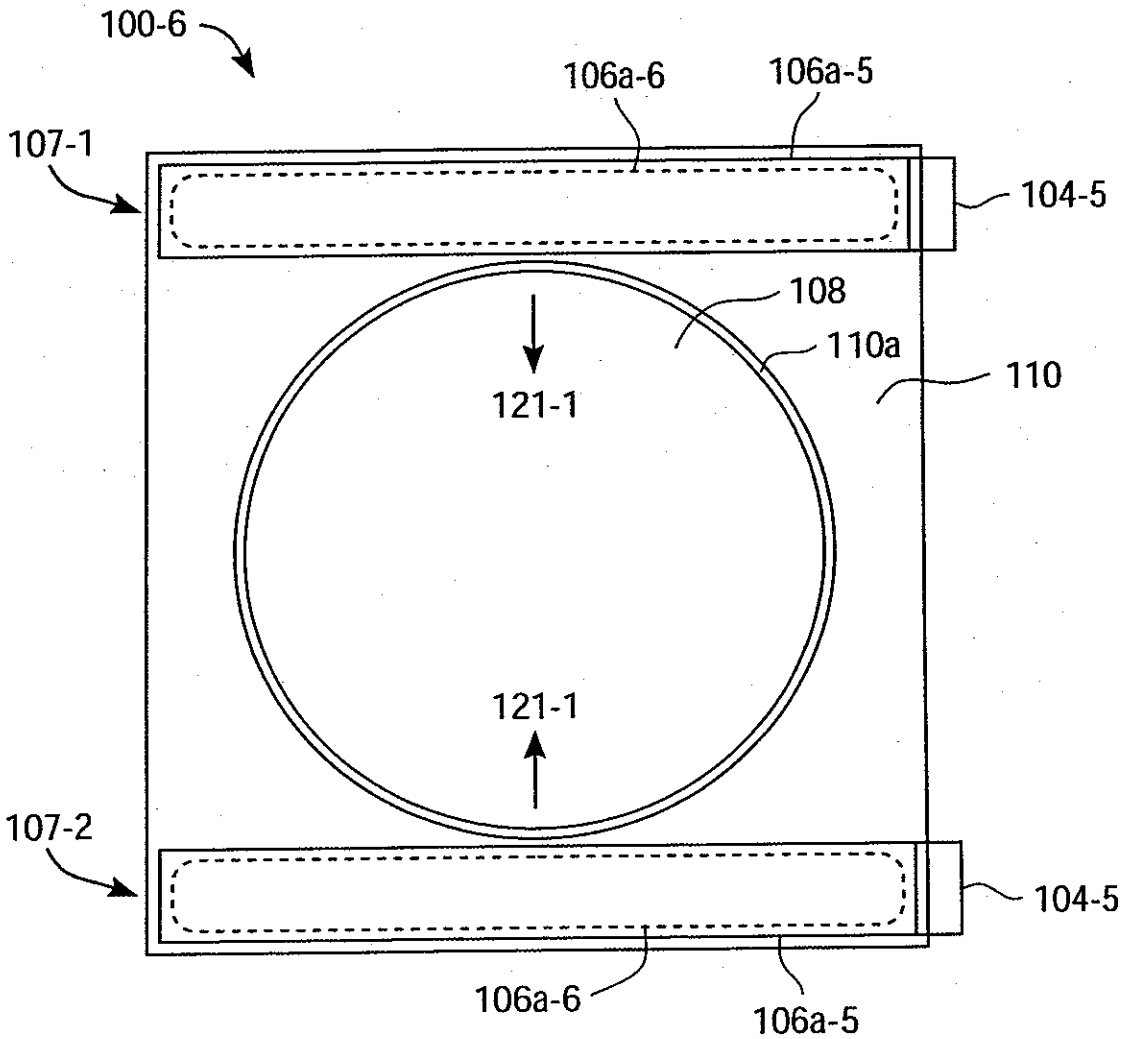

100-6
106a-6
106a-5
107-1
104-5
108
110a
110
121-1
121-1
107-2
104-5
106a-6
106a-5

FIG. 5C

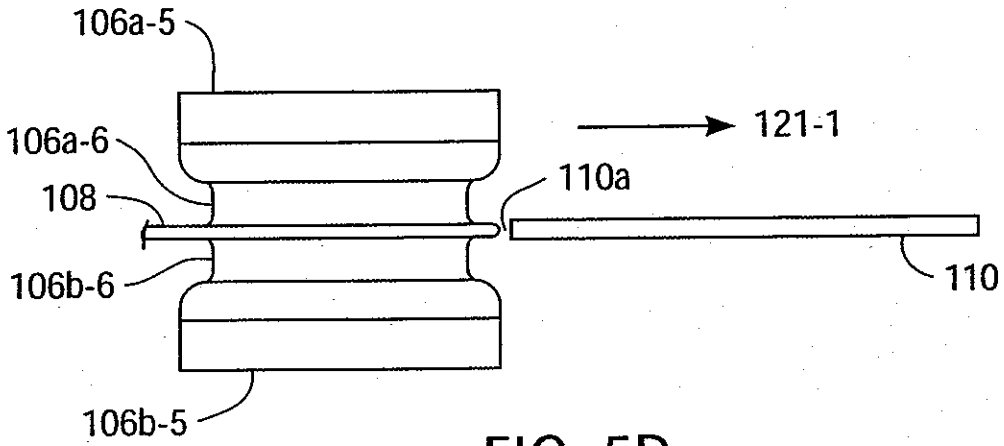


FIG. 5D

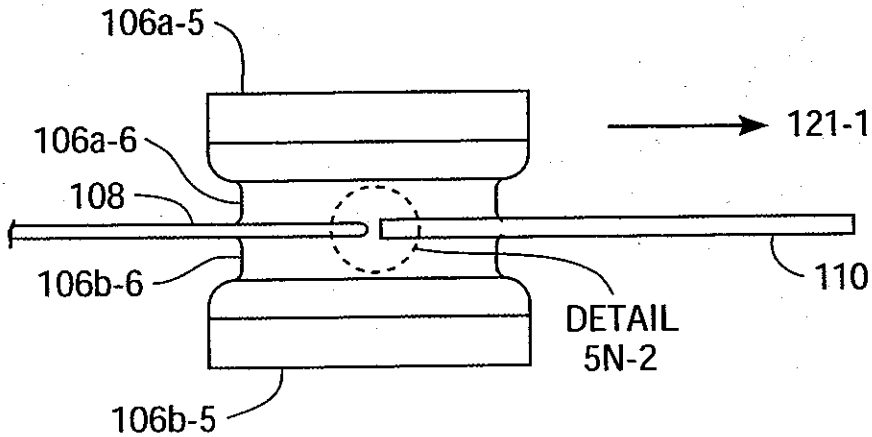


FIG. 5E

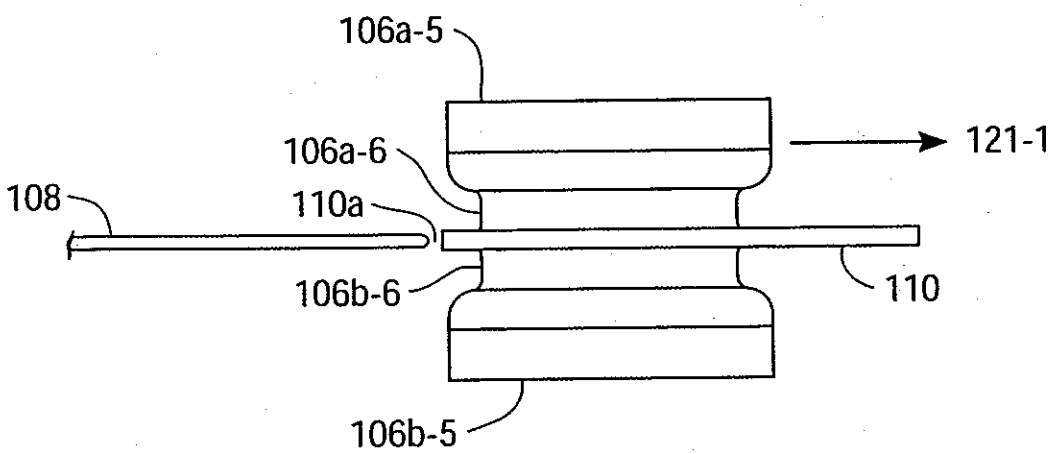


FIG. 5F

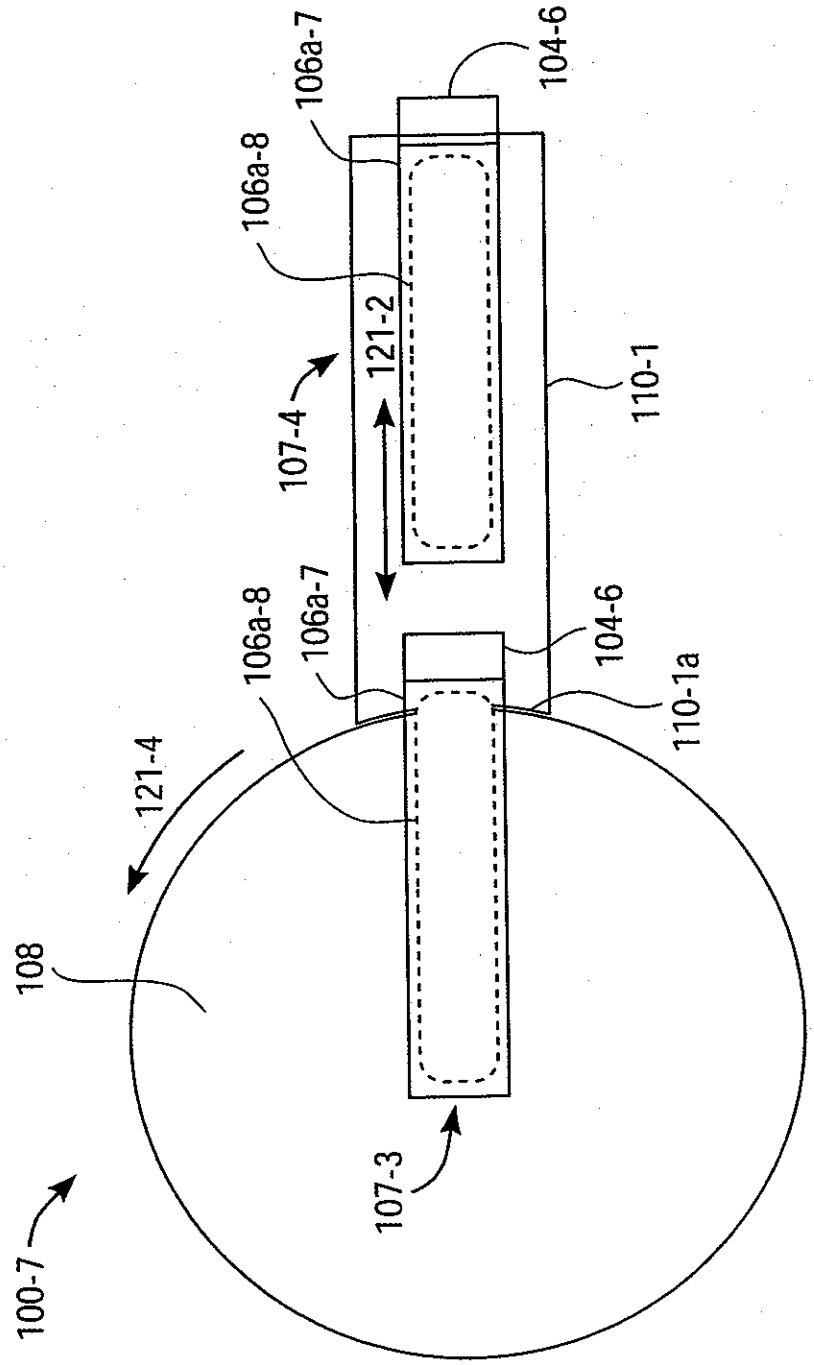

100-7
108
121-4
106a-8
106a-7
104-6
110-1a
107-3
107-4
121-2
110-1
106a-7
106a-8
104-6

FIG. 5G

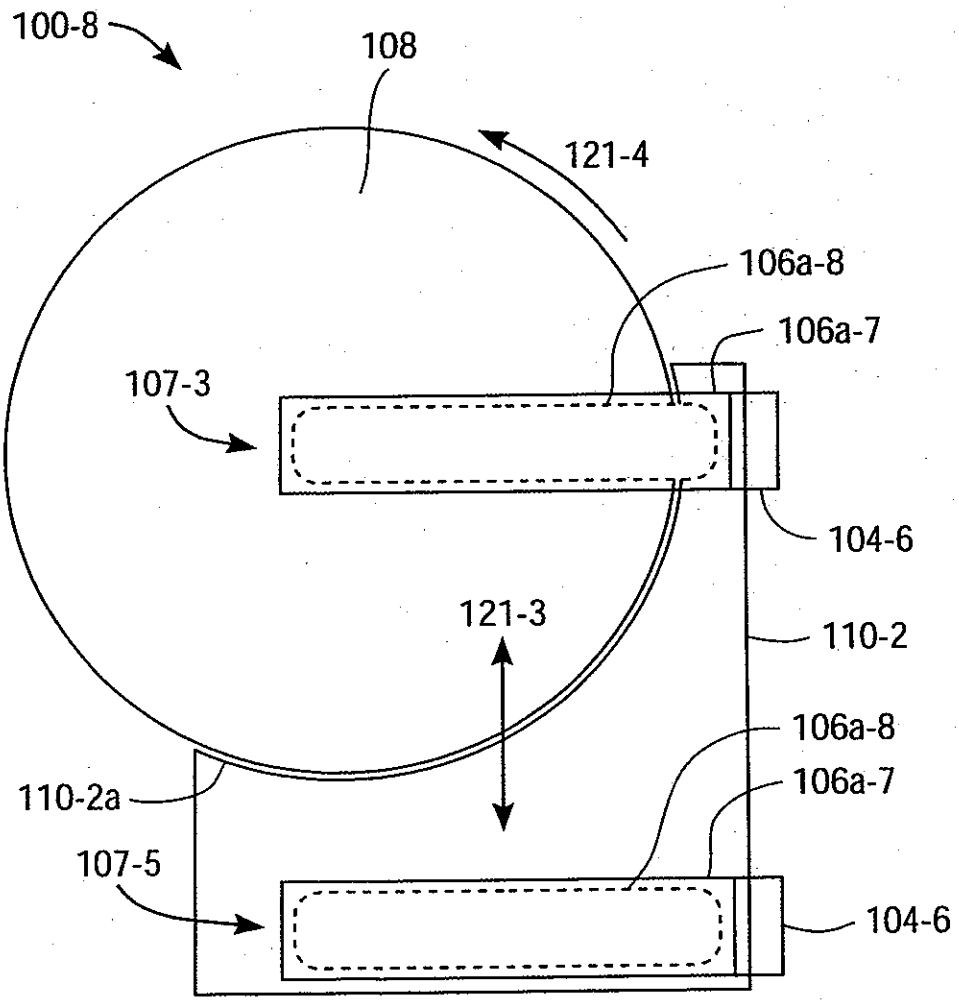

100-8
108
121-4
106a-8
106a-7
107-3
104-6
121-3
110-2
106a-8
106a-7
110-2a
107-5
104-6

FIG. 5H

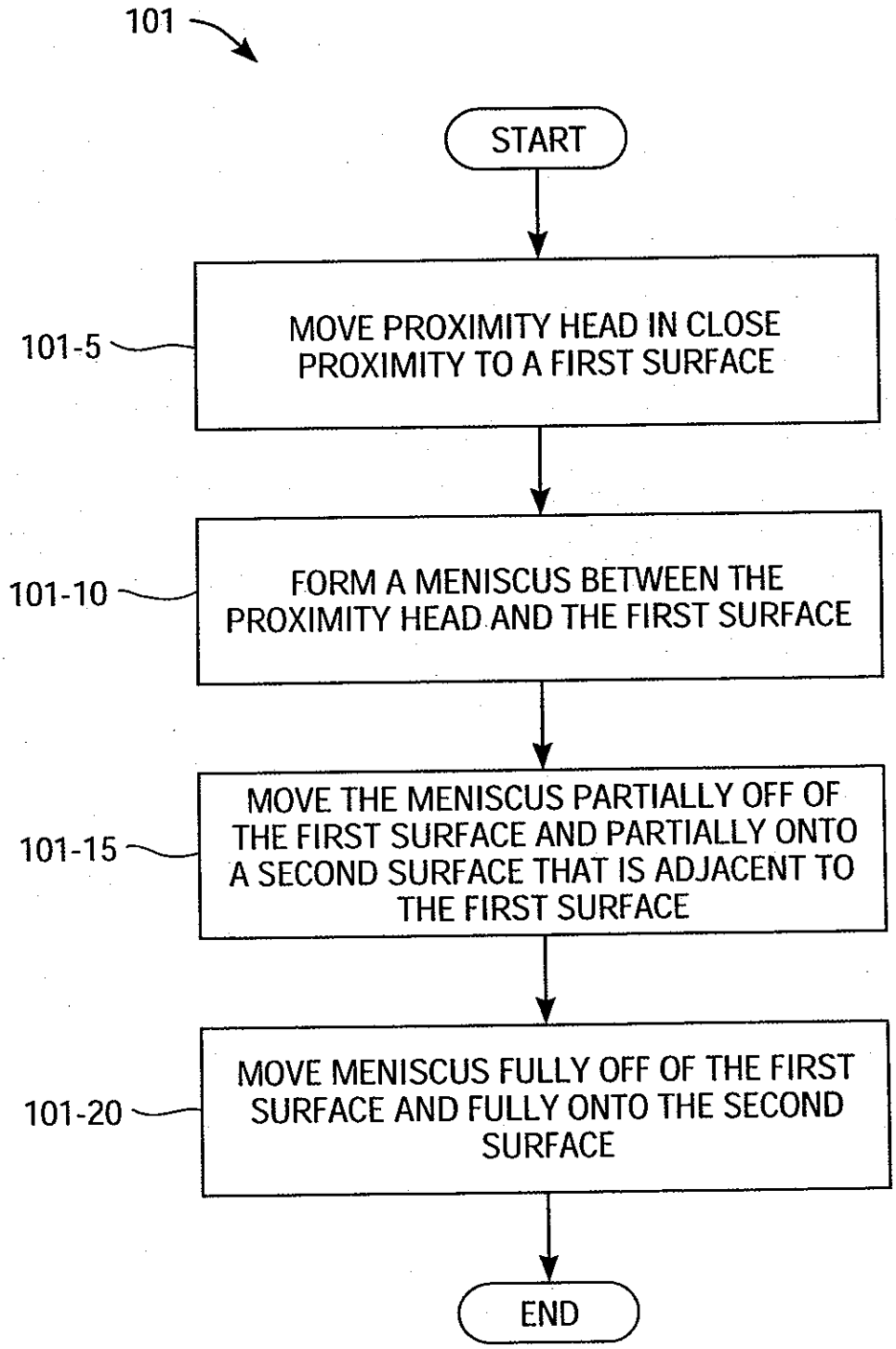

101
START
101-5
MOVE PROXIMITY HEAD IN CLOSE PROXIMITY TO A FIRST SURFACE
101-10
FORM A MENISCUS BETWEEN THE PROXIMITY HEAD AND THE FIRST SURFACE
101-15
MOVE THE MENISCUS PARTIALLY OFF OF THE FIRST SURFACE AND PARTIALLY ONTO A SECOND SURFACE THAT IS ADJACENT TO THE FIRST SURFACE
101-20
MOVE MENISCUS FULLY OFF OF THE FIRST SURFACE AND FULLY ONTO THE SECOND SURFACE
END

FIG. 5i

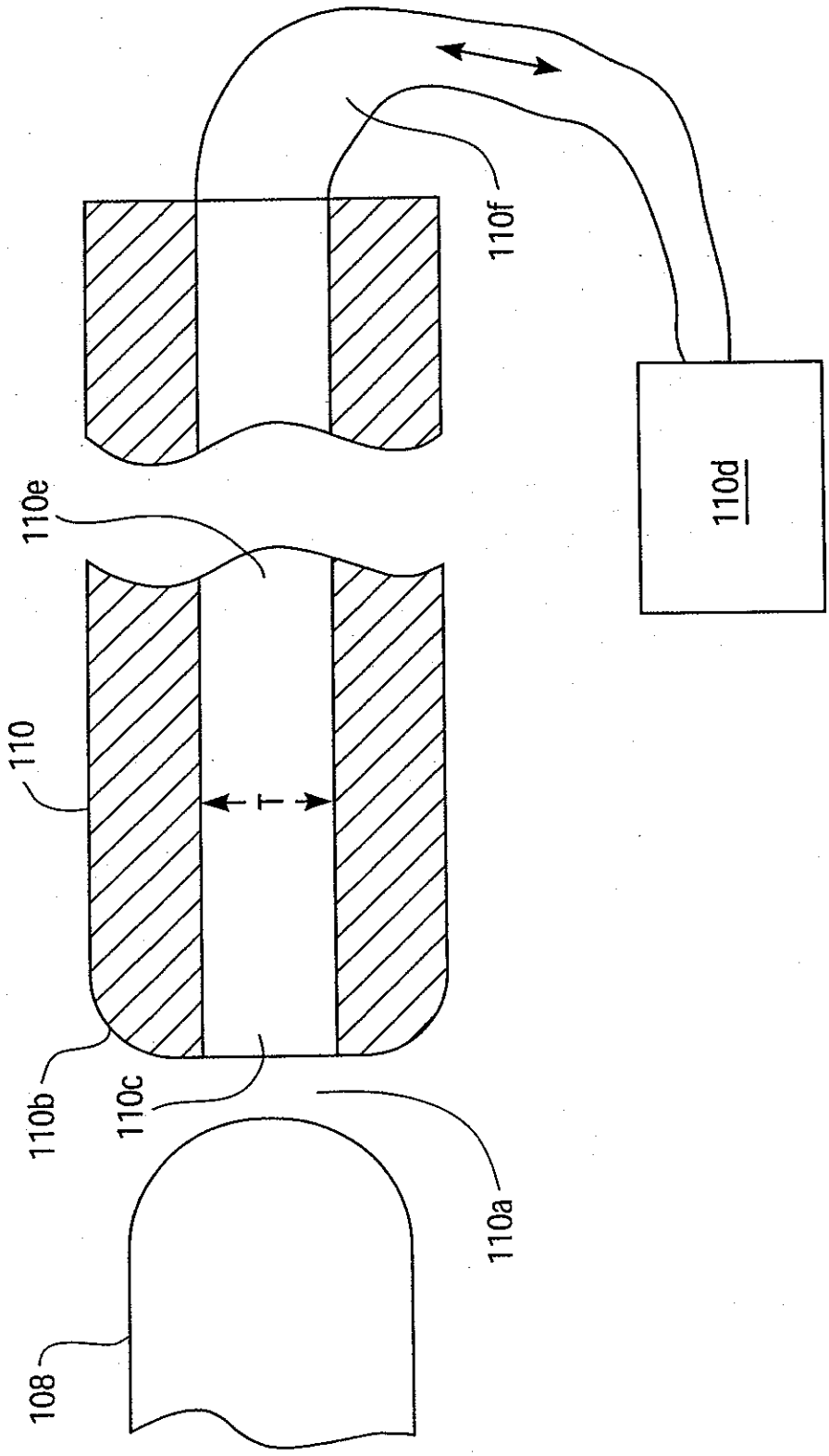


FIG. 5J

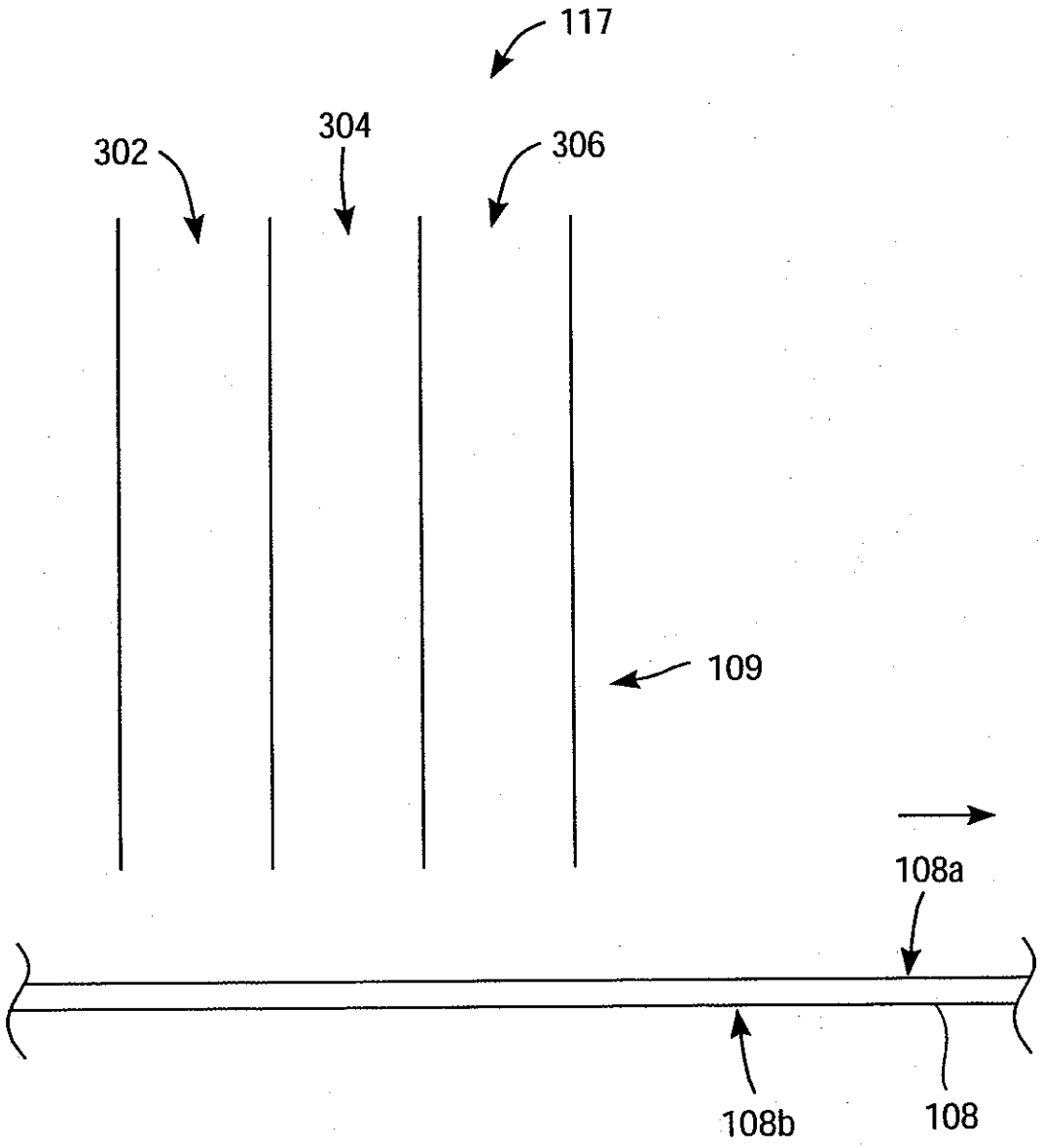


FIG. 6A

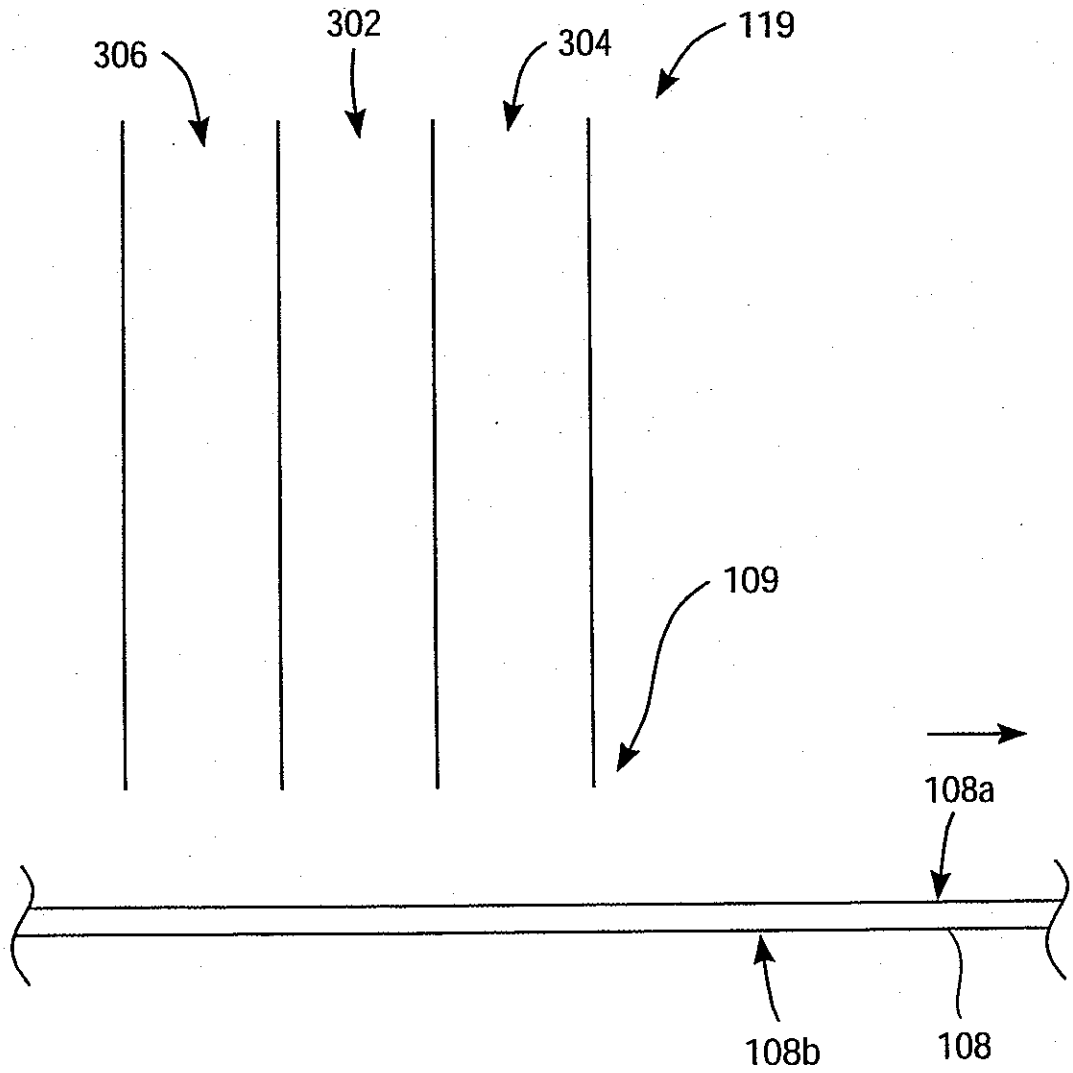


FIG. 6B

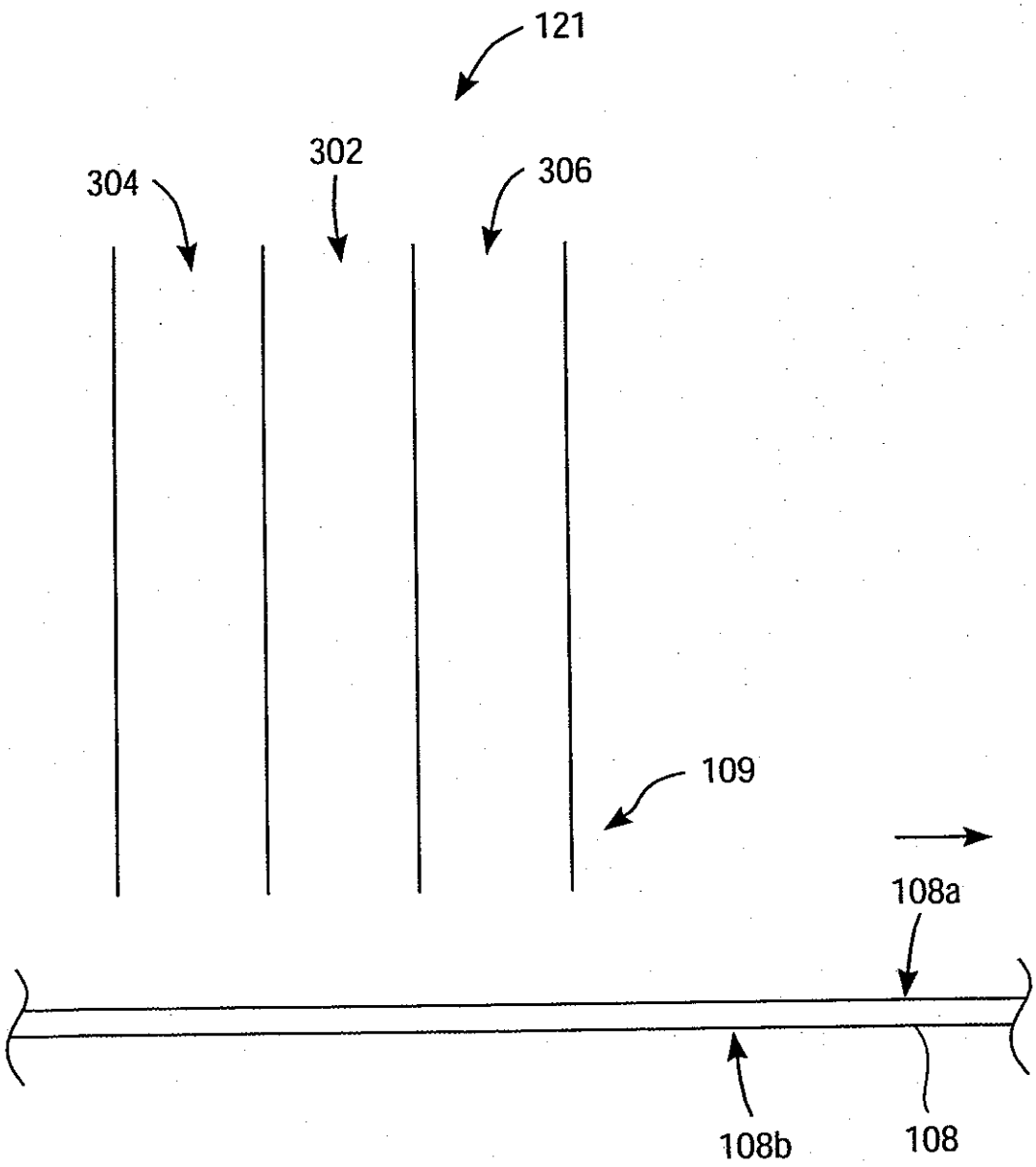


FIG. 6C

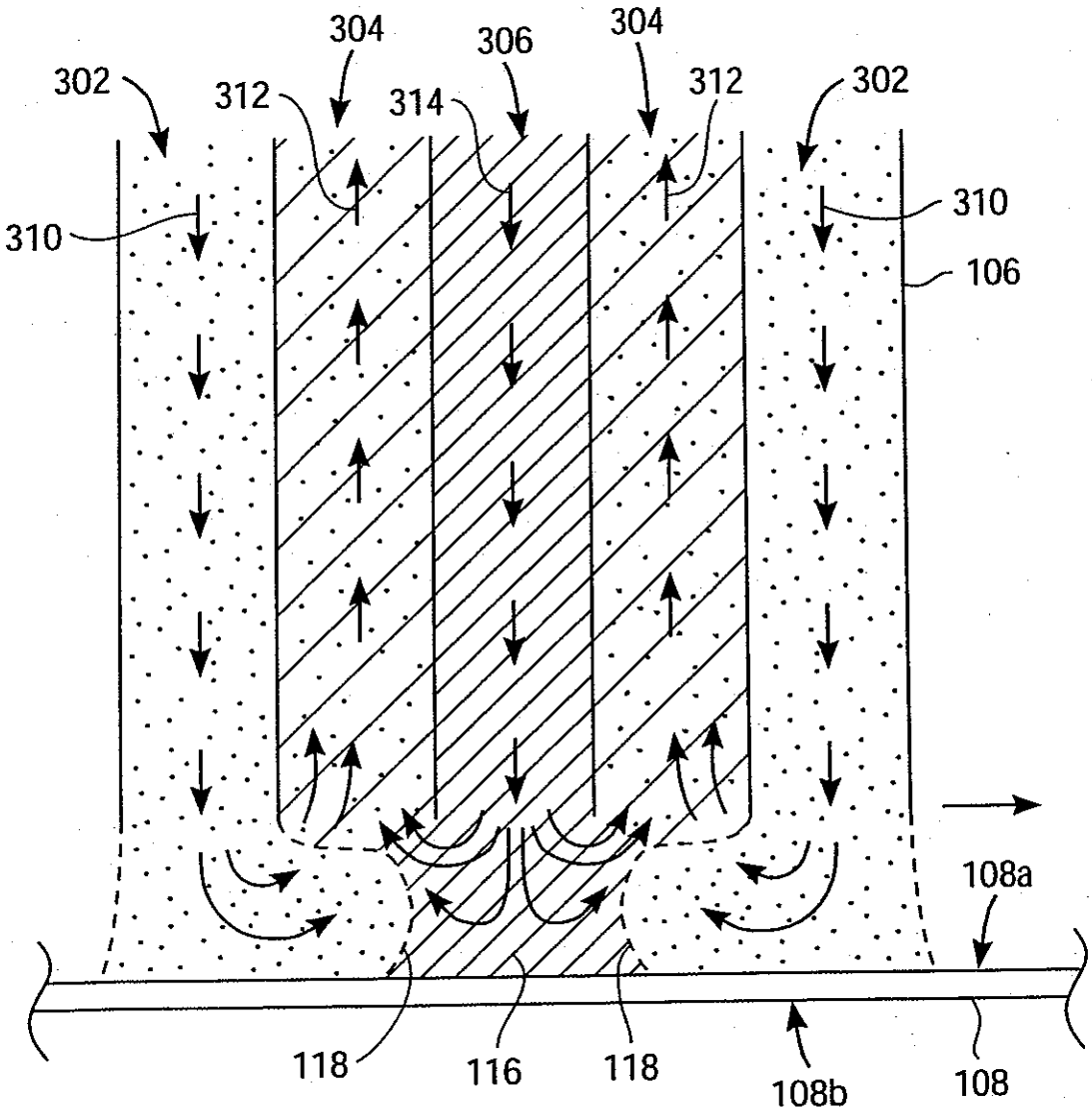

304
306
304
302
312
314
312
302
310
310
106
108a
118
116
118
108b
108

FIG. 6D

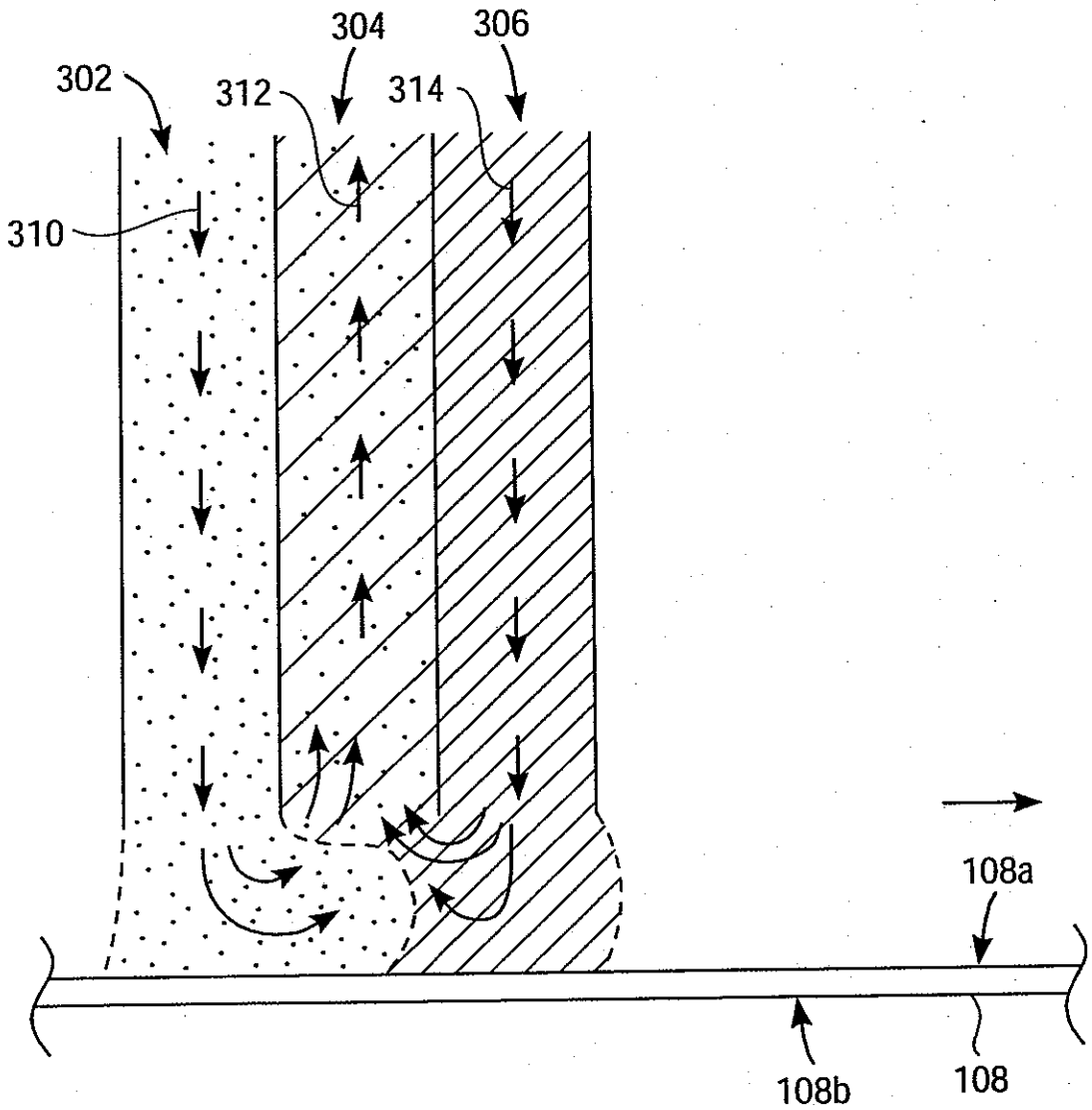


FIG. 6E

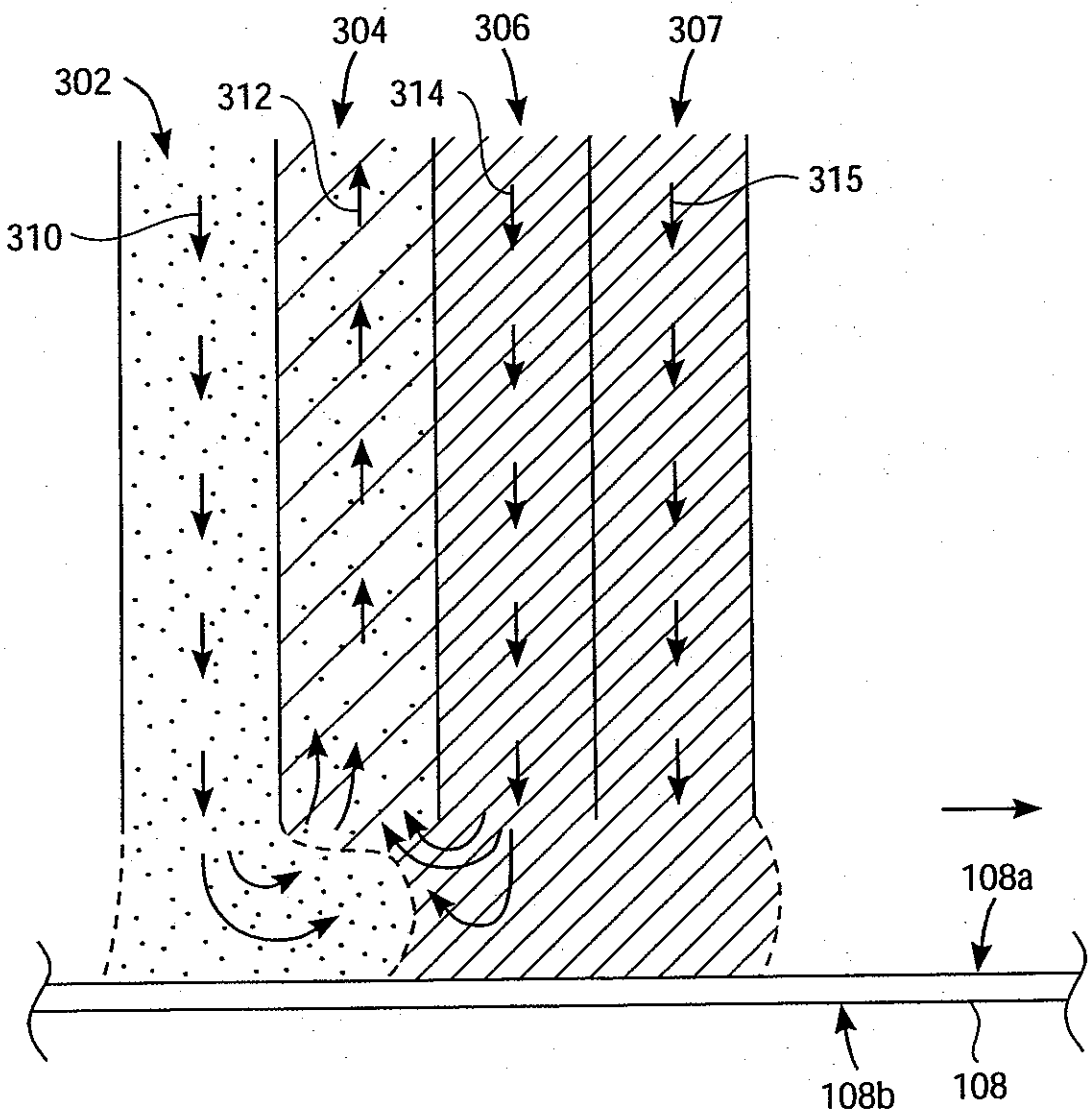


FIG. 6F

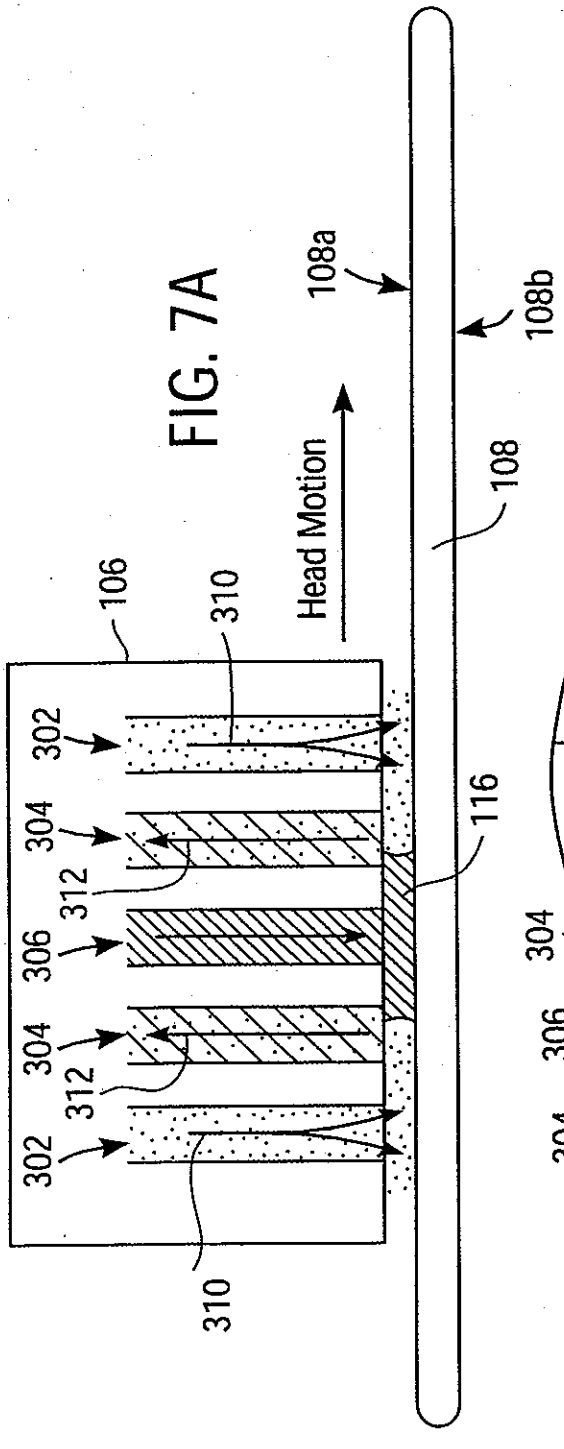

106
310
Head Motion
108a
108b
108
116
302
304
312
306
304
312
302
310

FIG. 7A

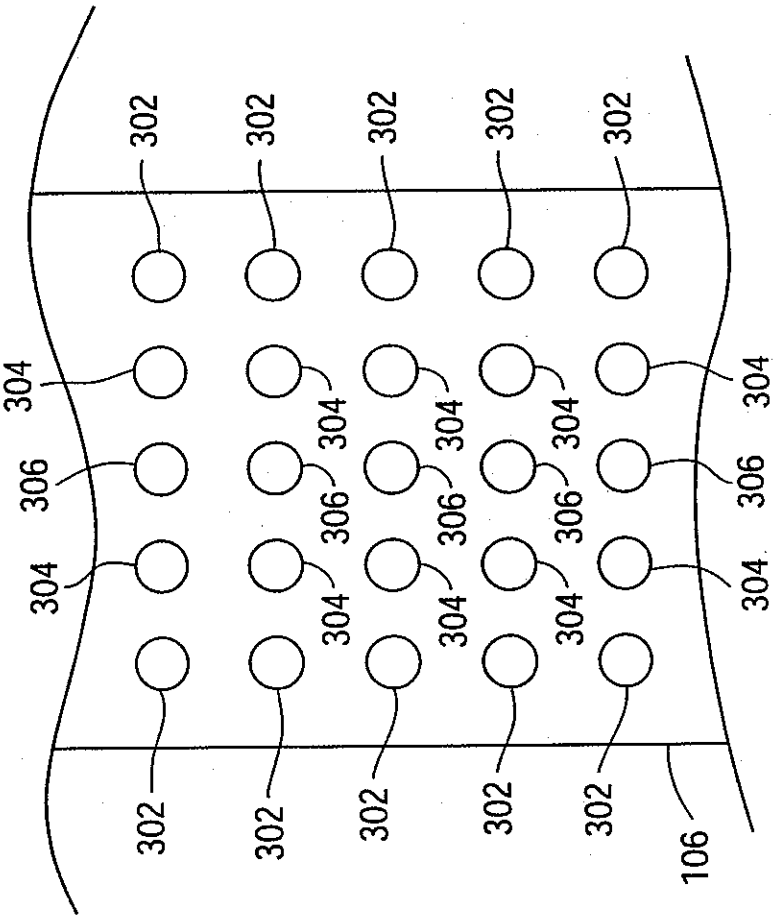

302
304
306
304
306
304
106

FIG. 7B

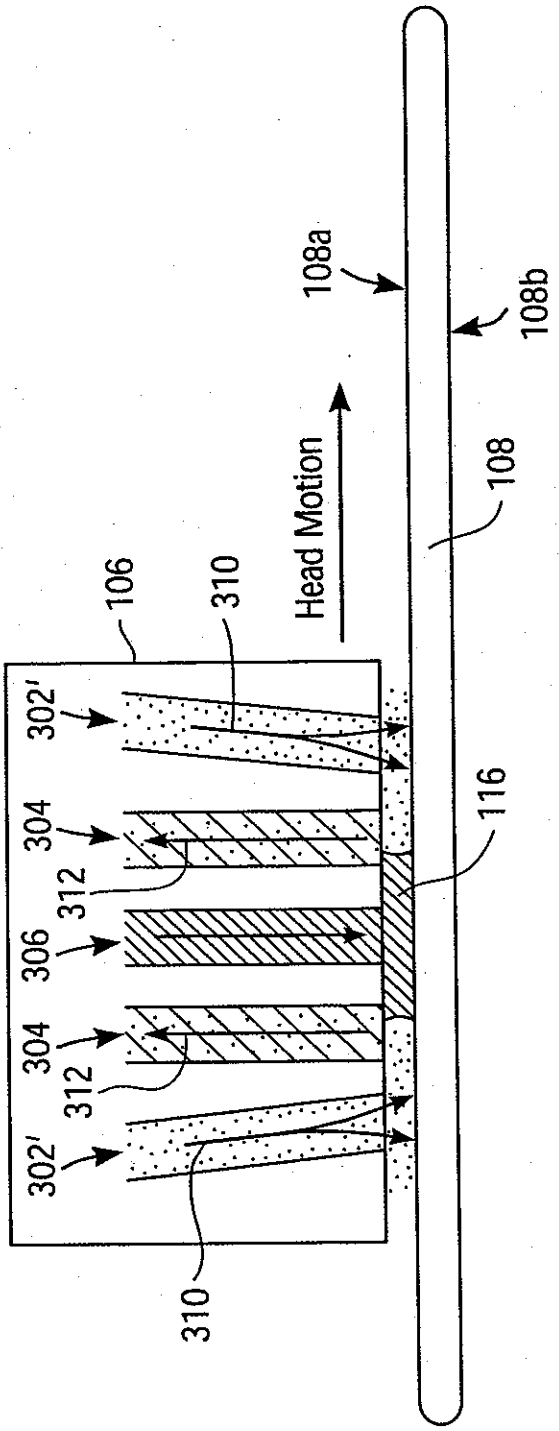

108a
108b
Head Motion
108
106
310
302'
304
312
306
304
312
302'
310
116

FIG. 7C

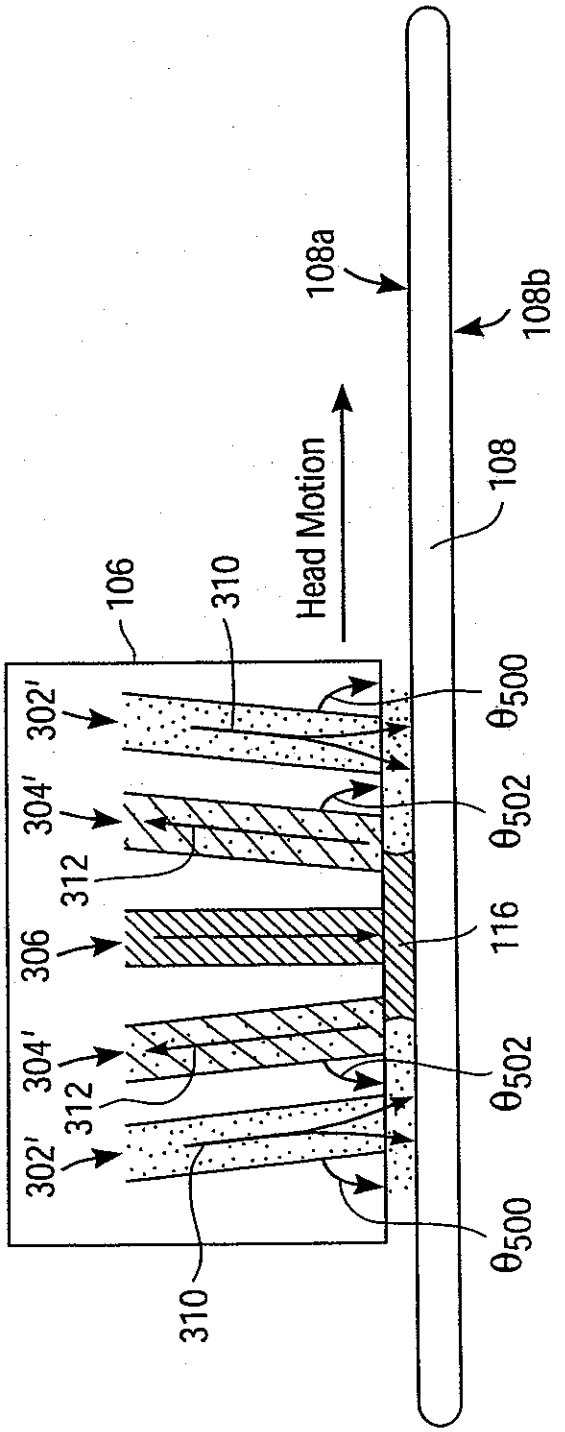

108a
108b
Head Motion
108
106
310
302'
304'
312
306
116
θ500
θ502
θ502
θ500
310

FIG. 7D

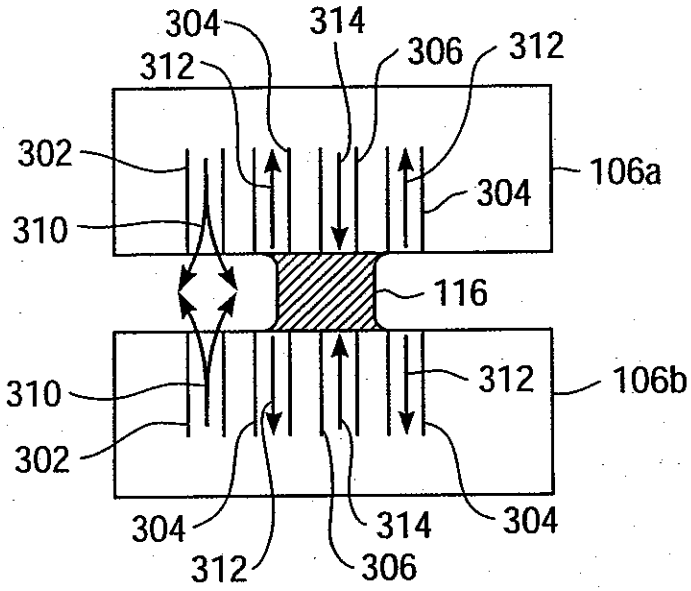

304
314
306
312
312
302
106a
304
310
116
310
312
106b
302
304
314
304
312
306

FIG. 8A

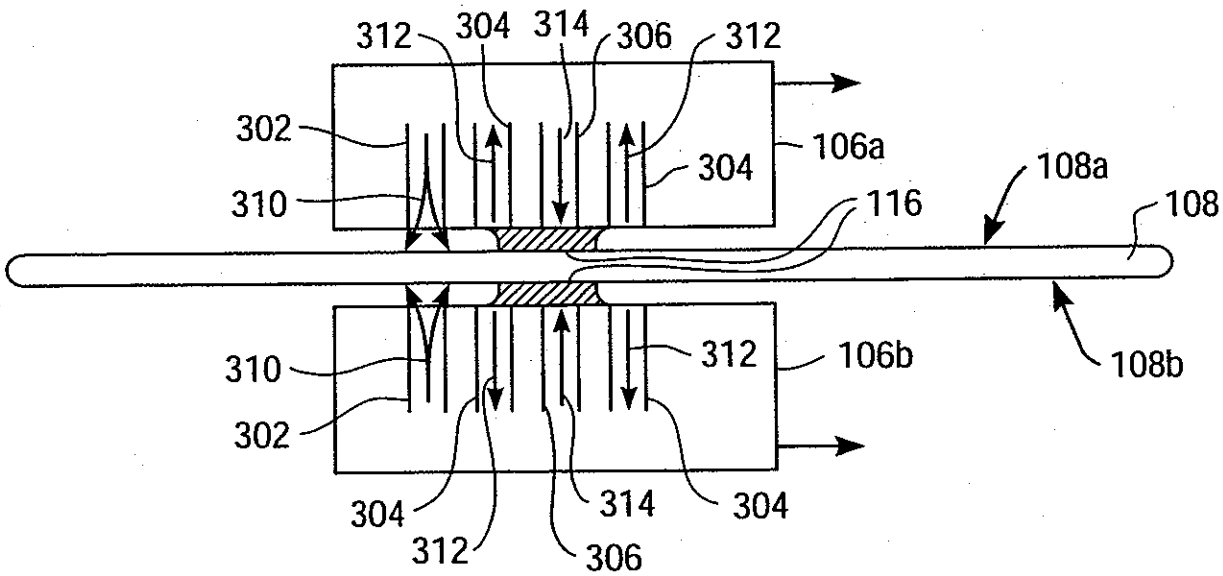

312
304
314
306
312
302
106a
304
108a
310
116
108
310
312
106b
108b
302
304
314
304
312
306

FIG. 8B

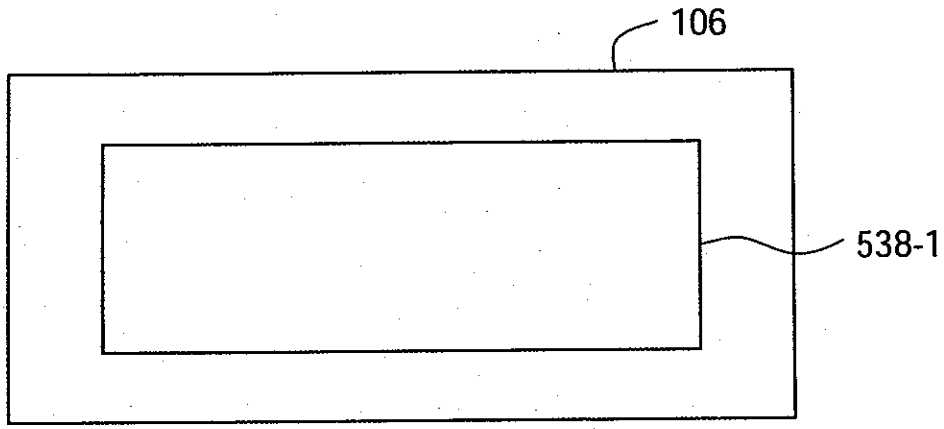


FIG. 9A

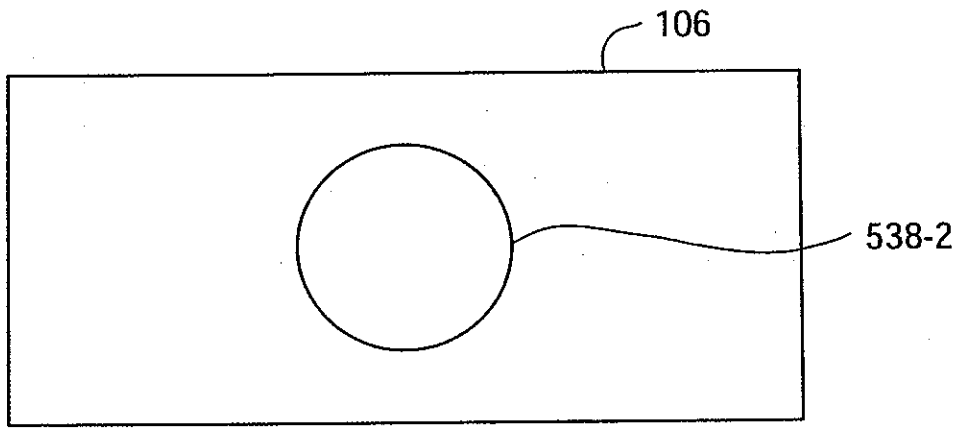


FIG. 9B

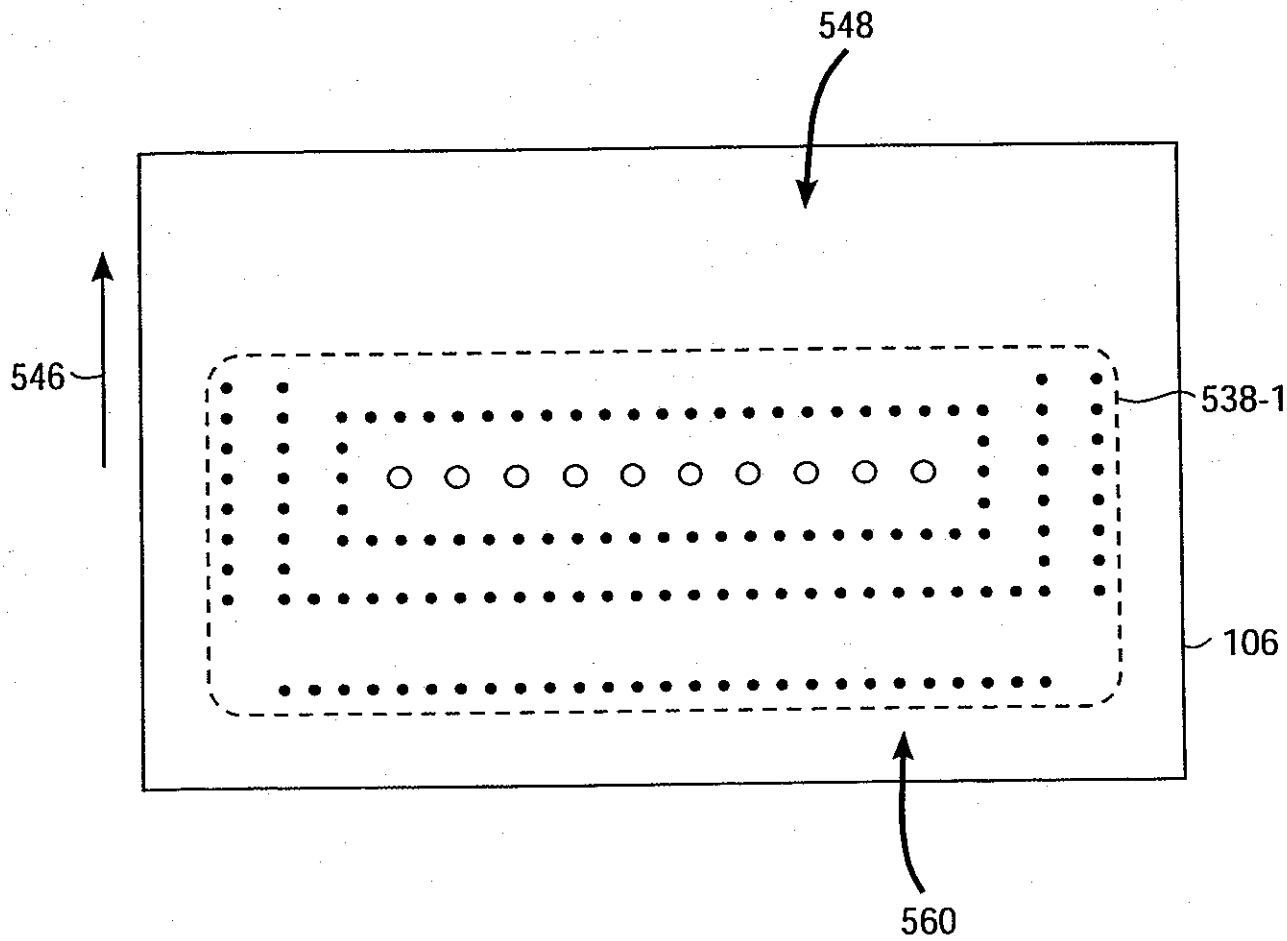


FIG. 10A

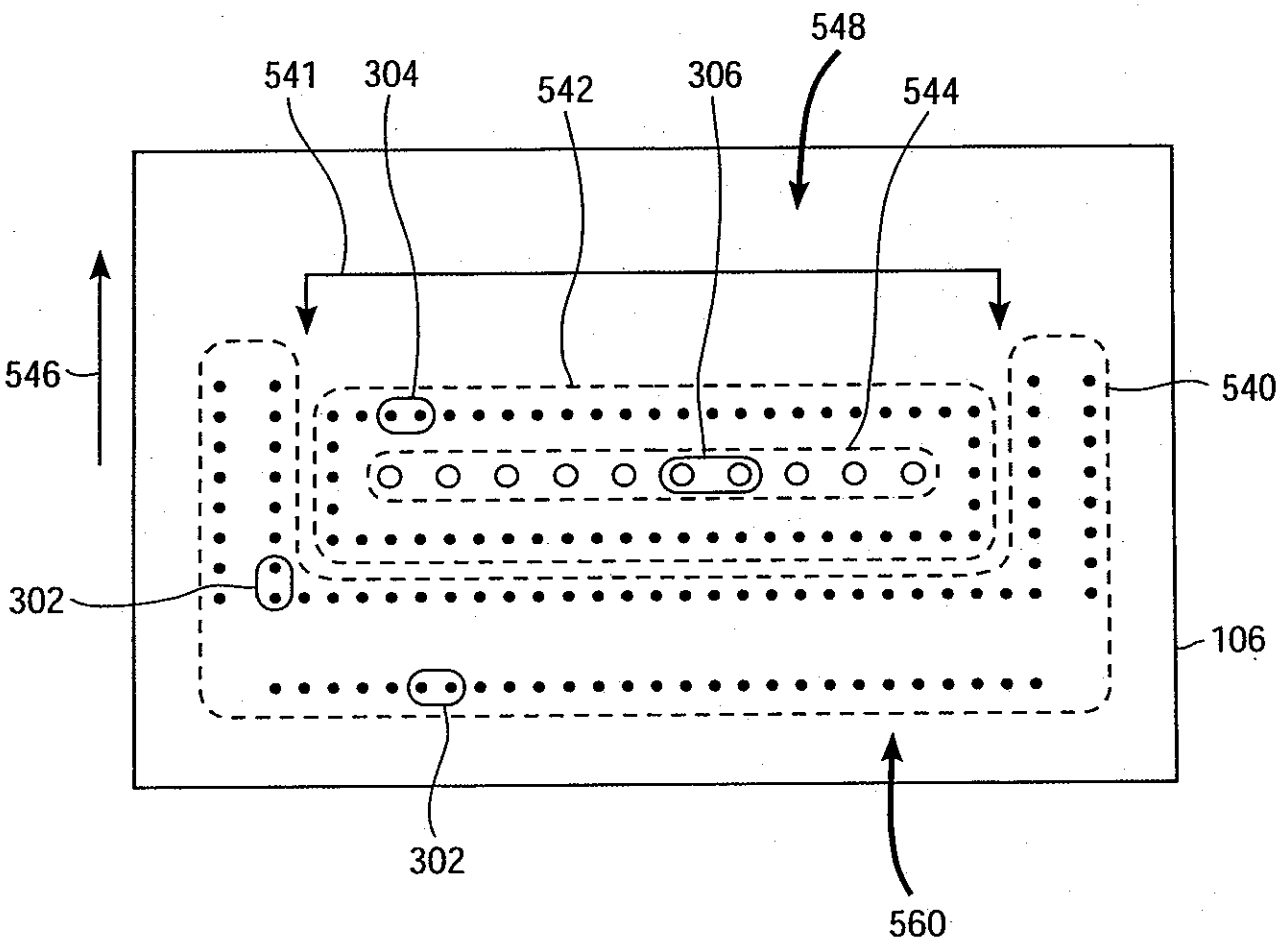


FIG. 10B

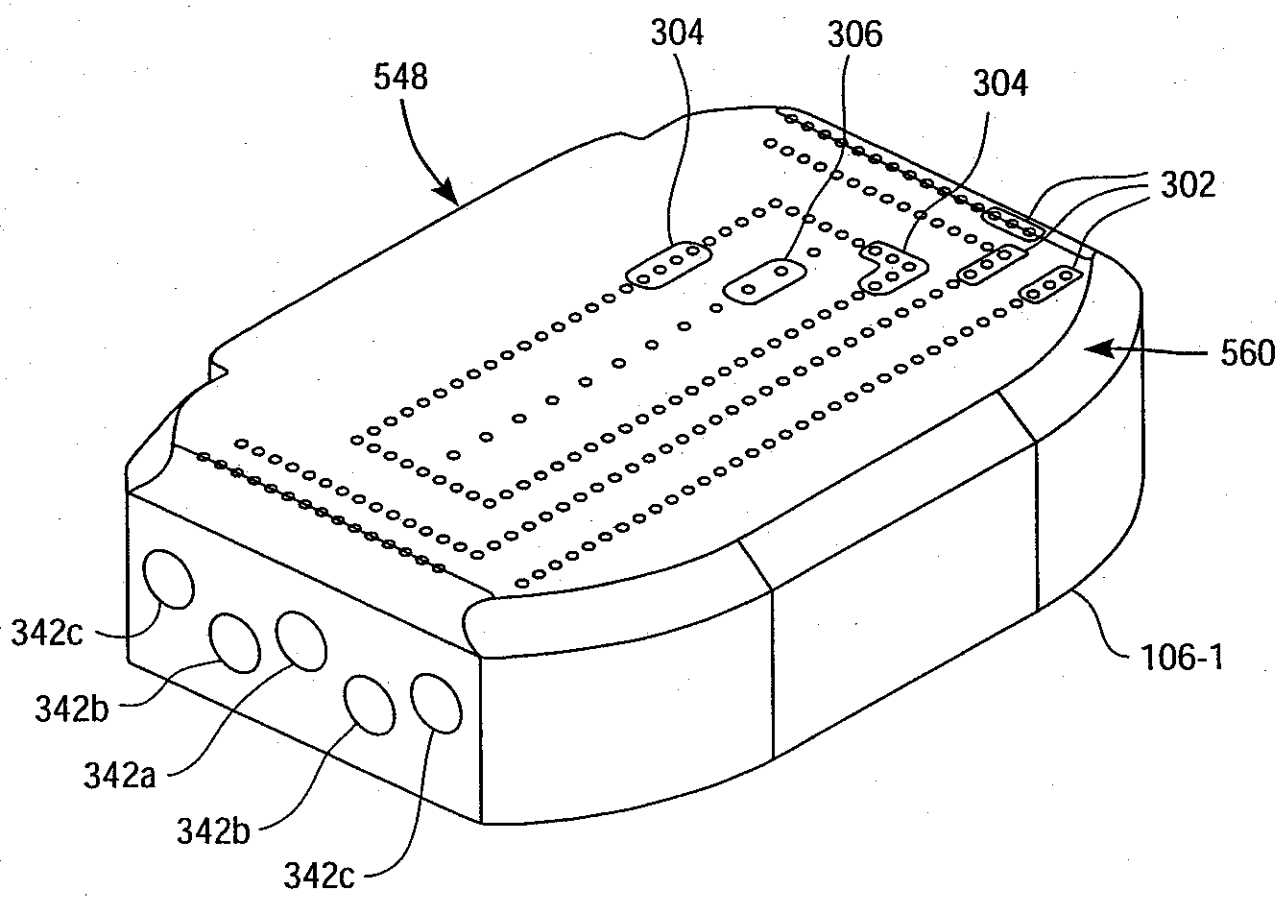


FIG. 11A

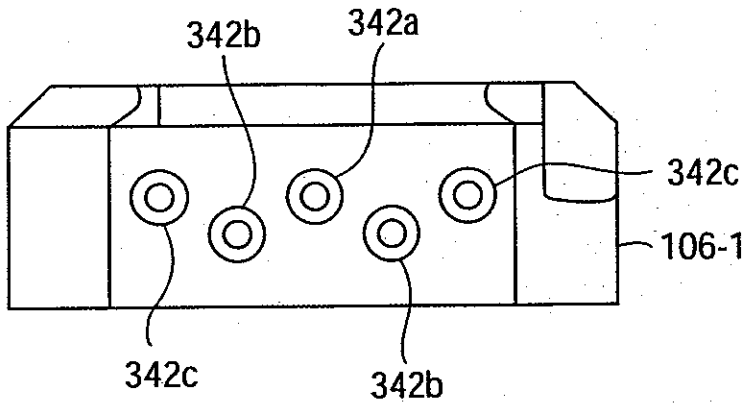


FIG. 11B

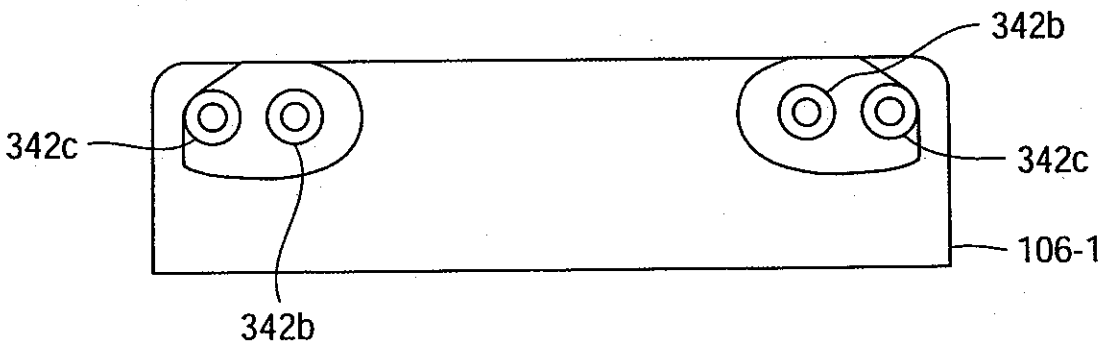


FIG. 11C

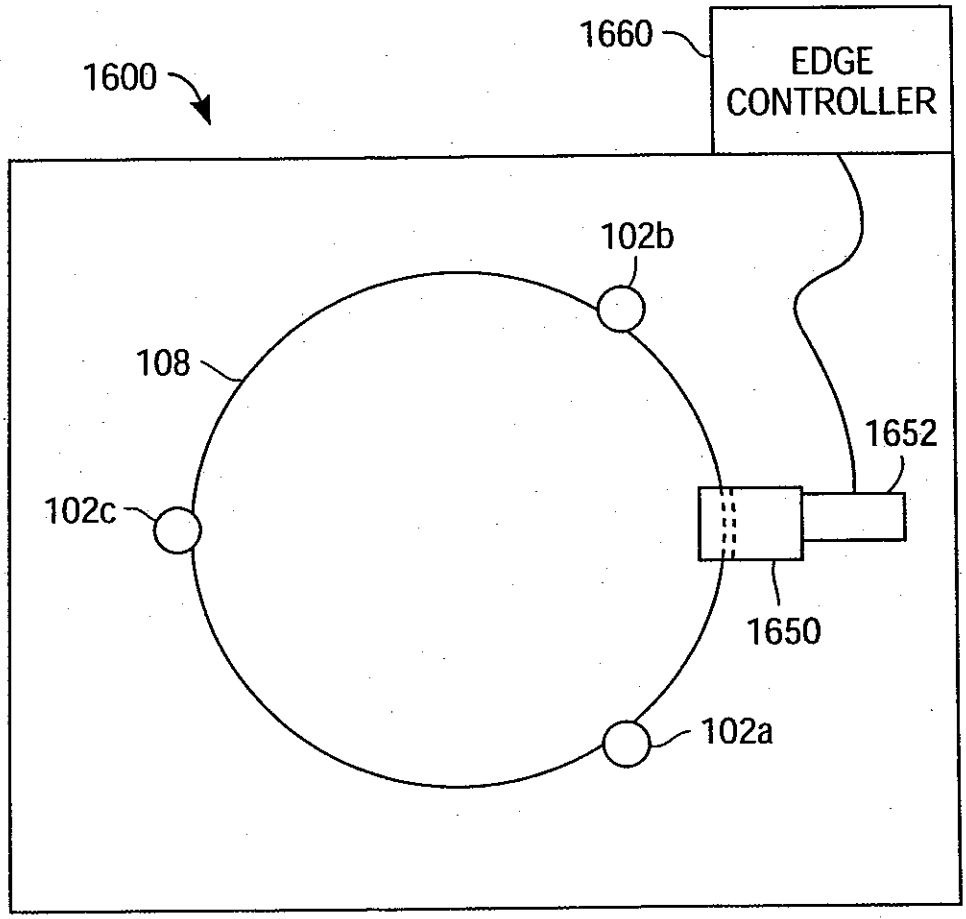

1660
EDGE CONTROLLER
1600
102b
108
1652
102c
1650
102a

FIG. 12

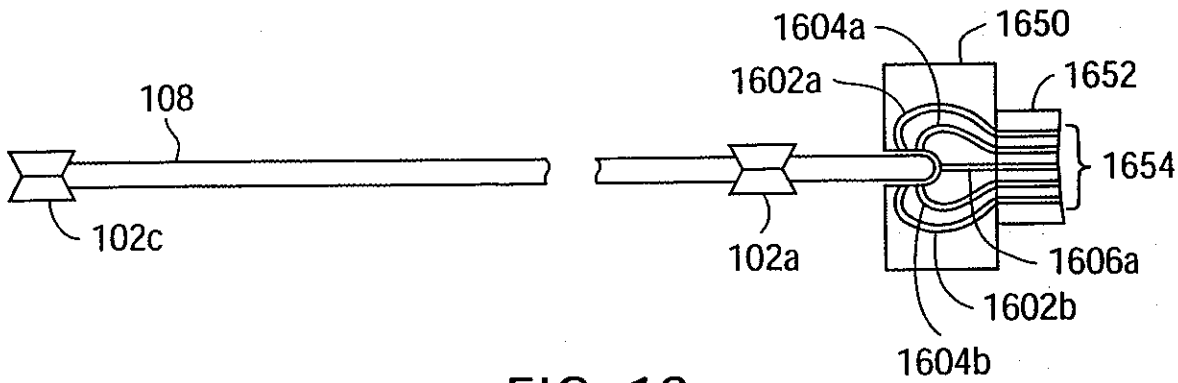

108
102c
1604a
1650
1602a
1652
1654
102a
1606a
1602b
1604b

FIG. 13

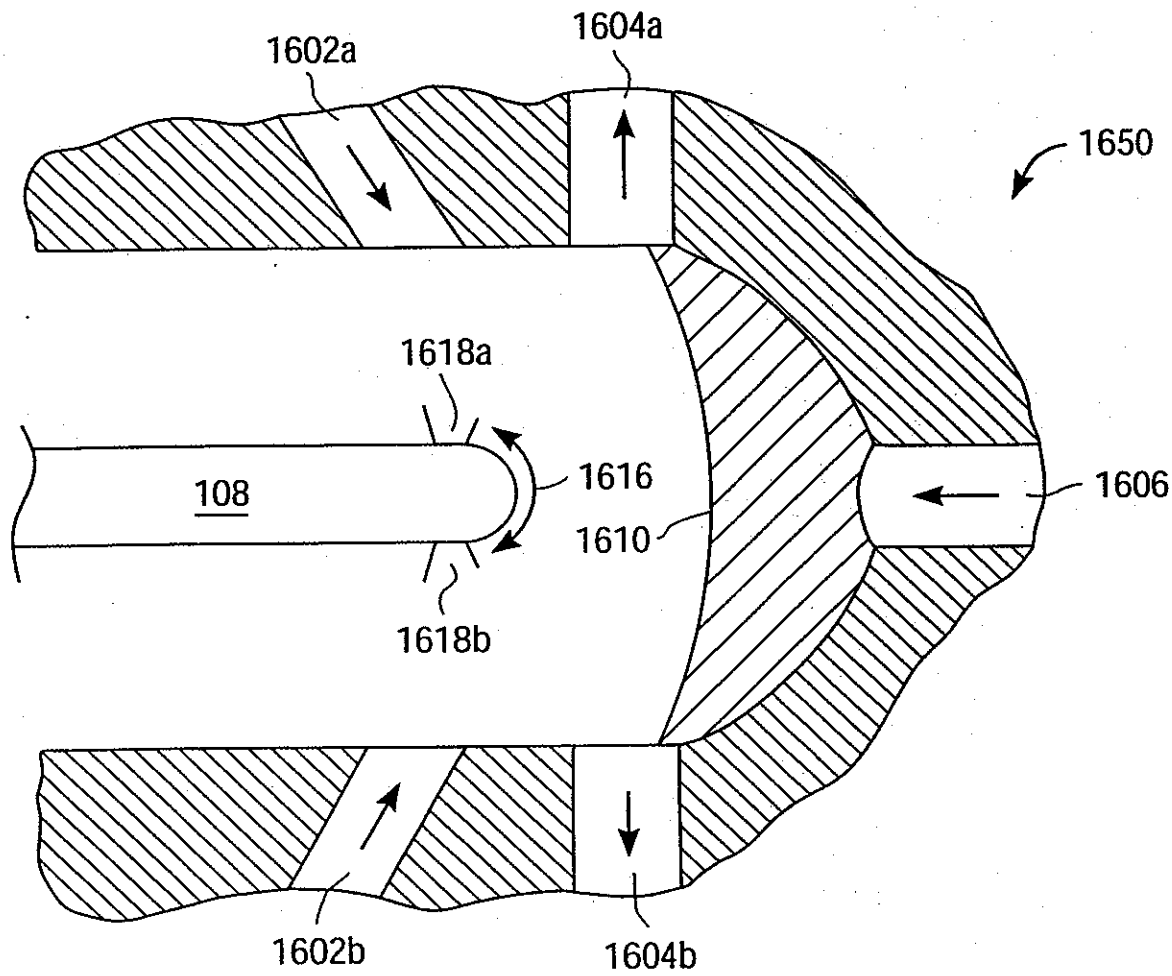


FIG. 14

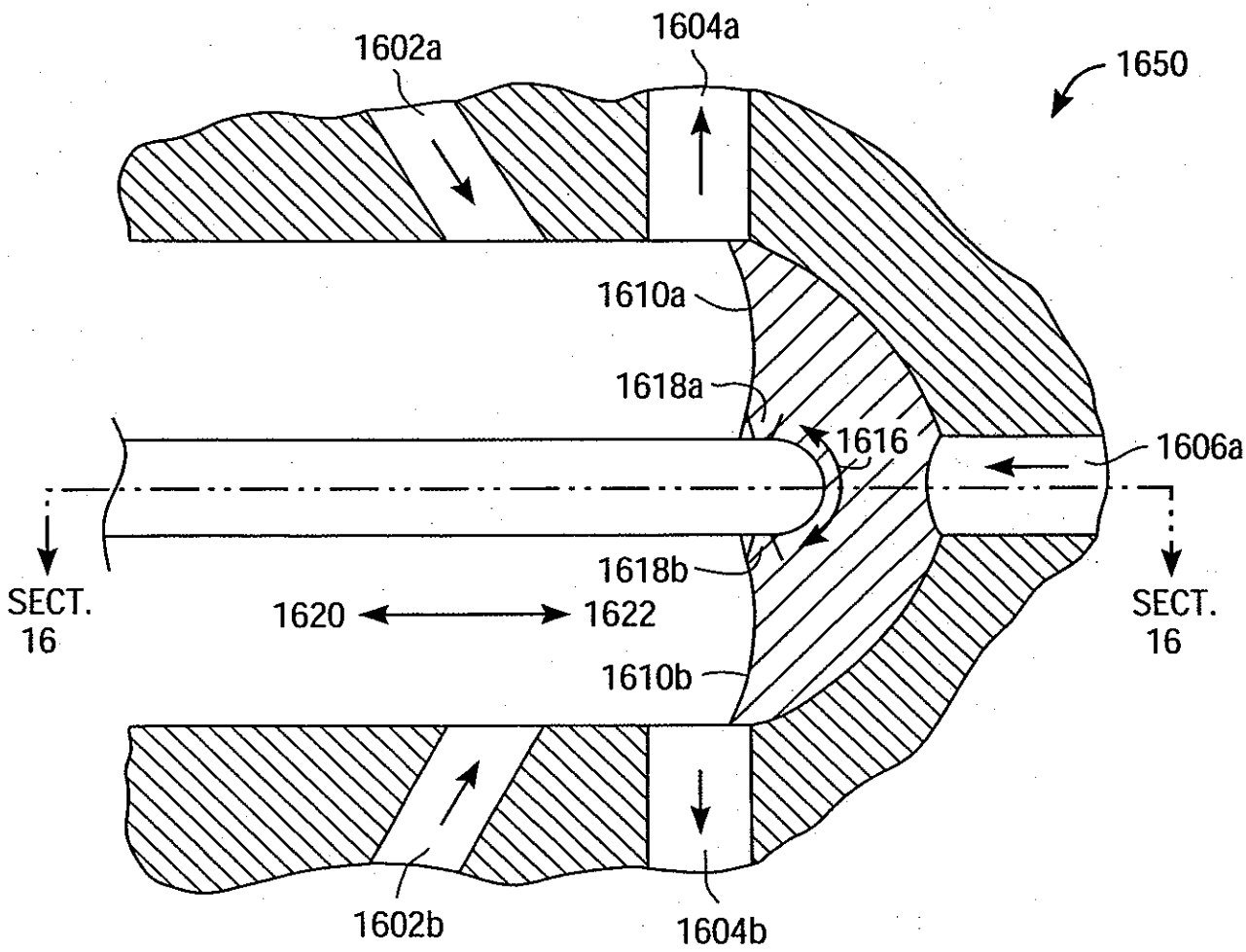

1602a
1604a
1650
1610a
1618a
1616
1606a
SECT.
16
1620
1622
1618b
SECT.
16
1610b
1602b
1604b

FIG. 15

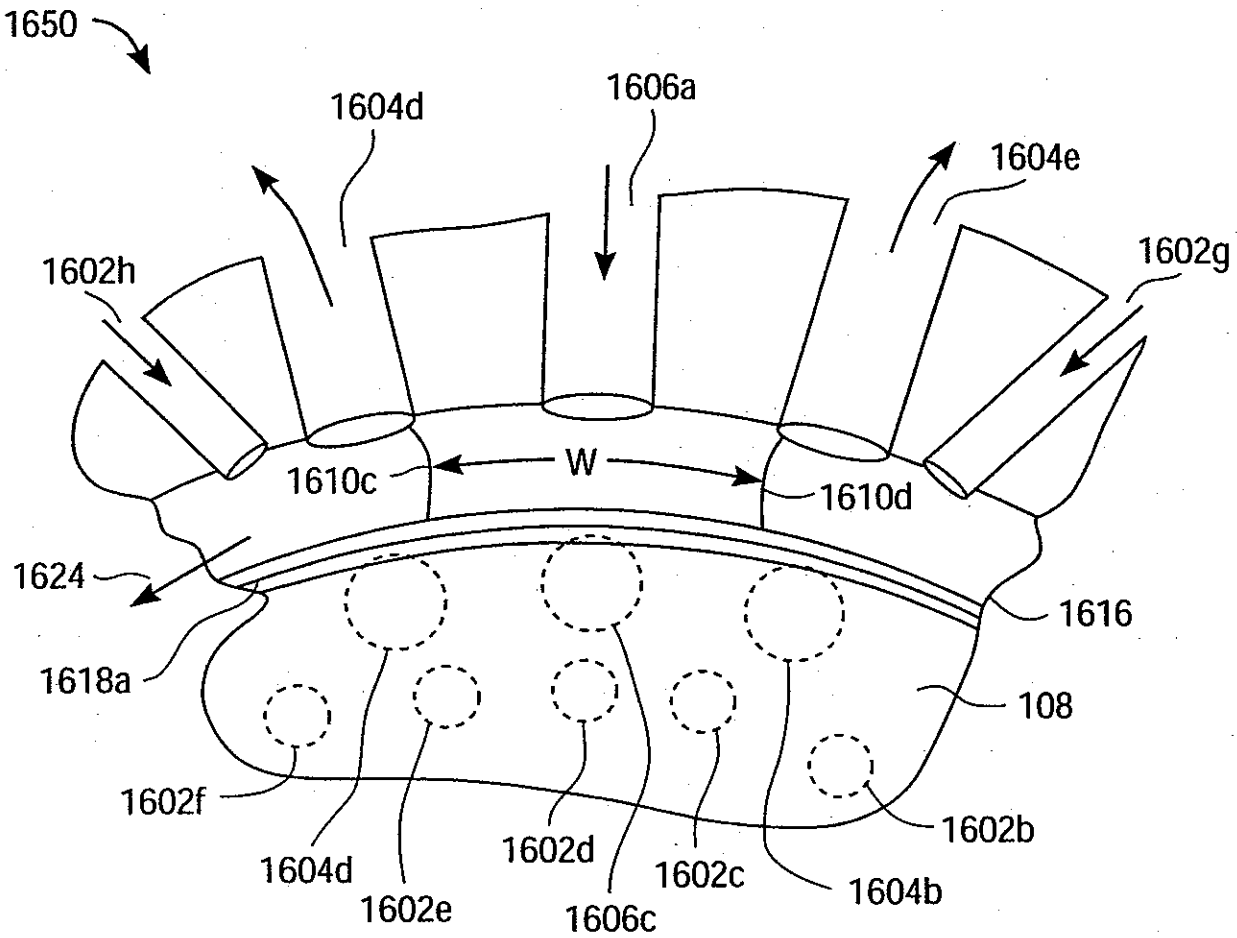

1650
1604d
1606a
1604e
1602h
1602g
W
1610c
1610d
1624
1616
1618a
108
1602f
1602b
1604d
1602e
1602d
1606c
1602c
1604b

FIG. 16

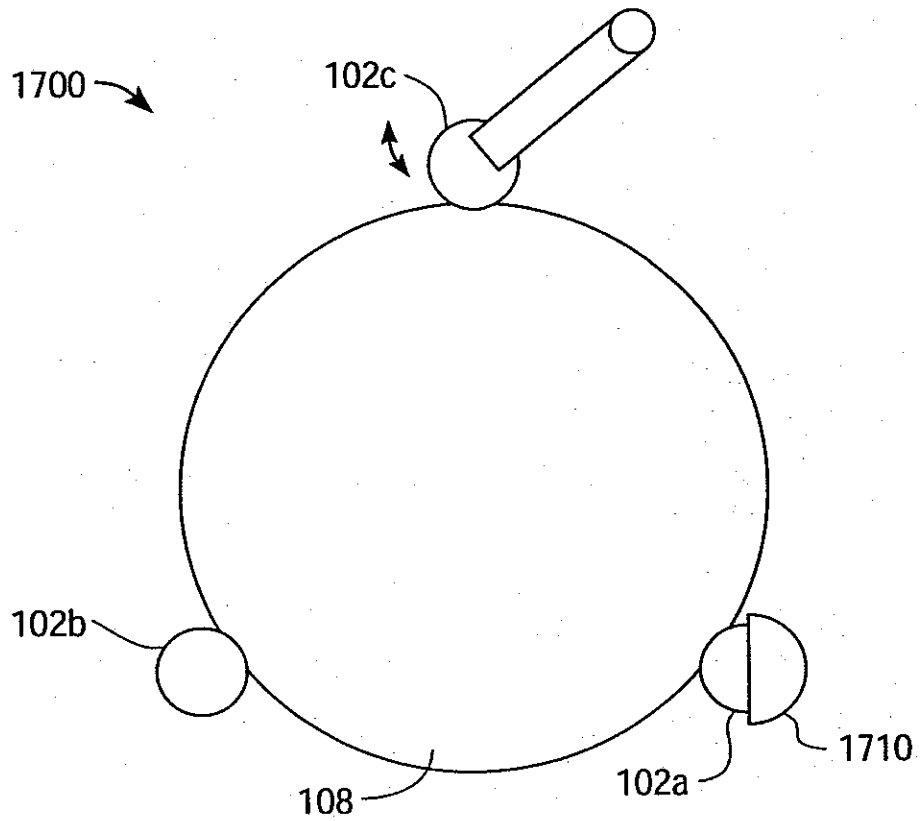


FIG. 17

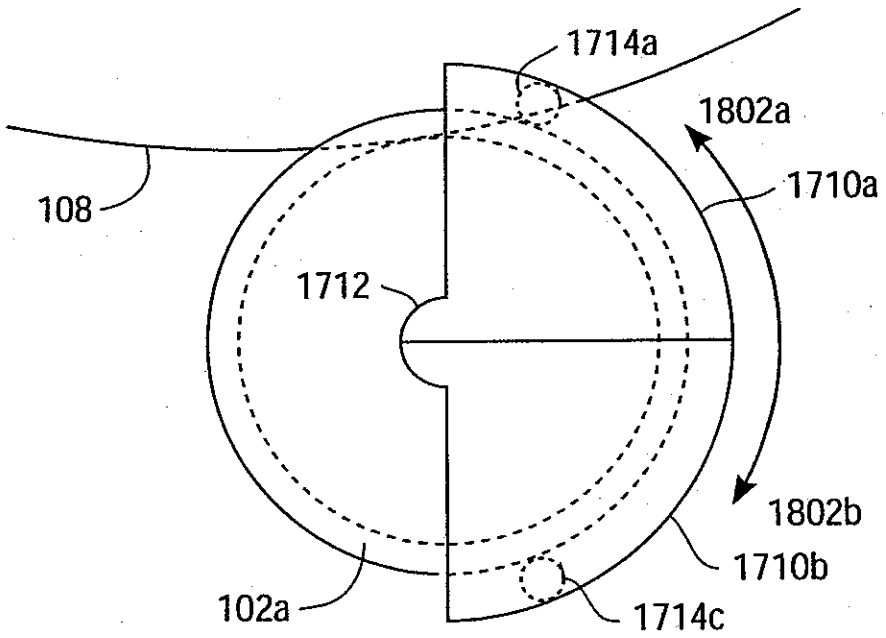


FIG. 18A

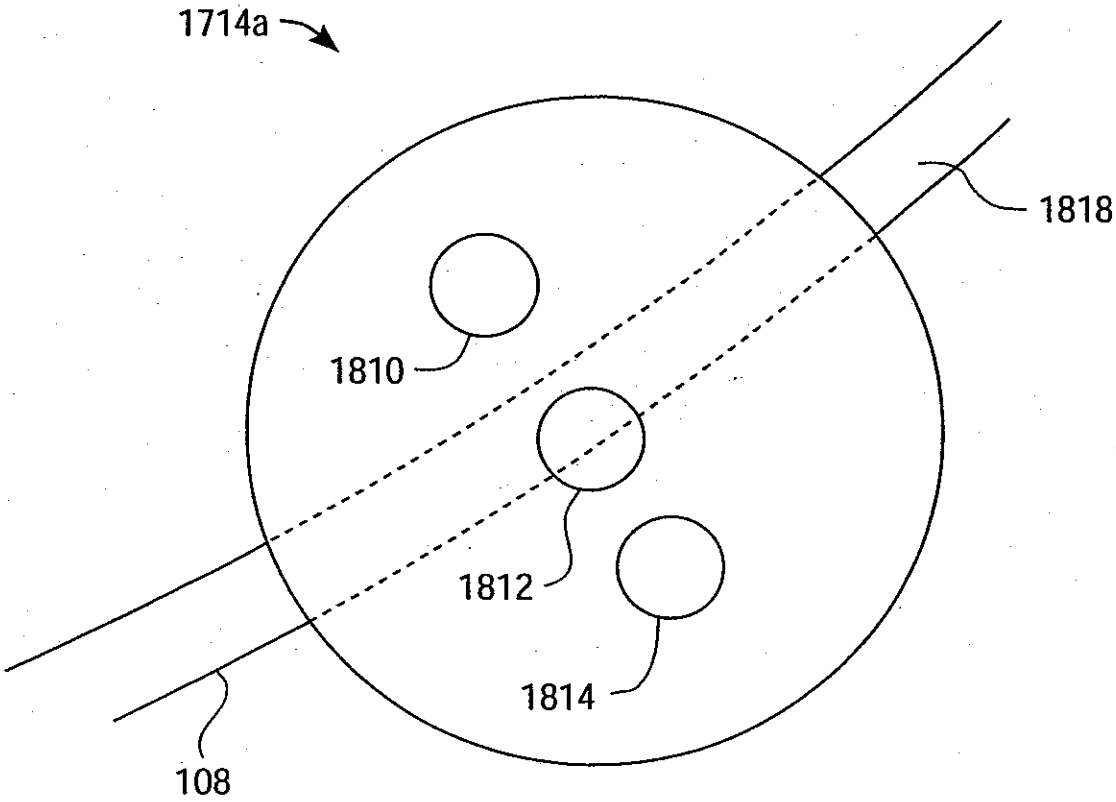


FIG. 18B

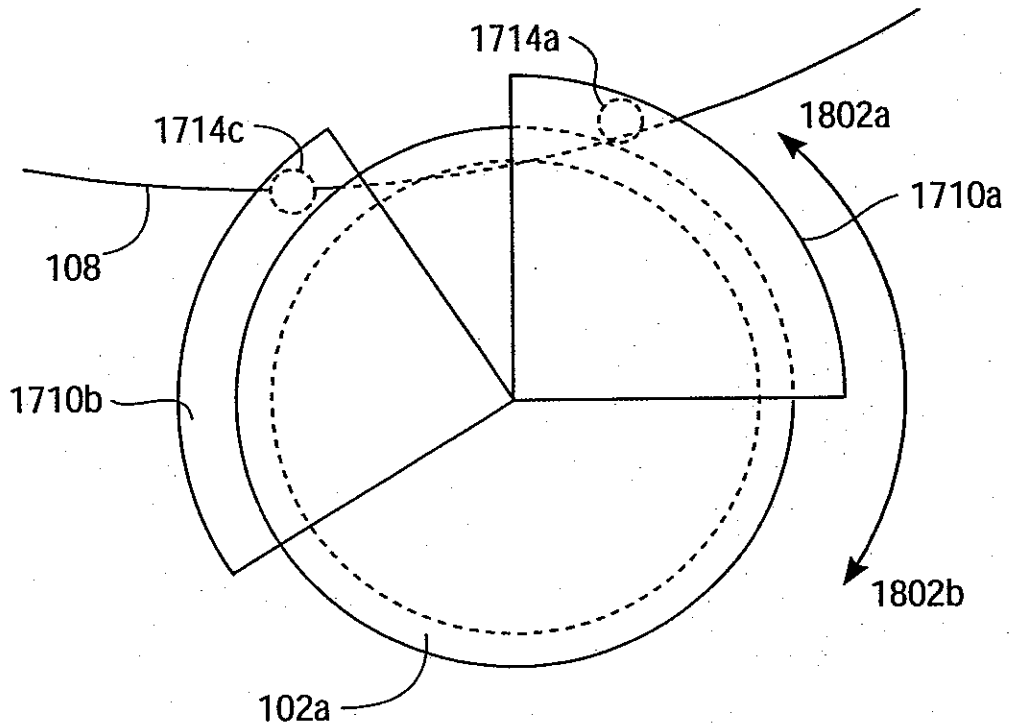


FIG. 18C

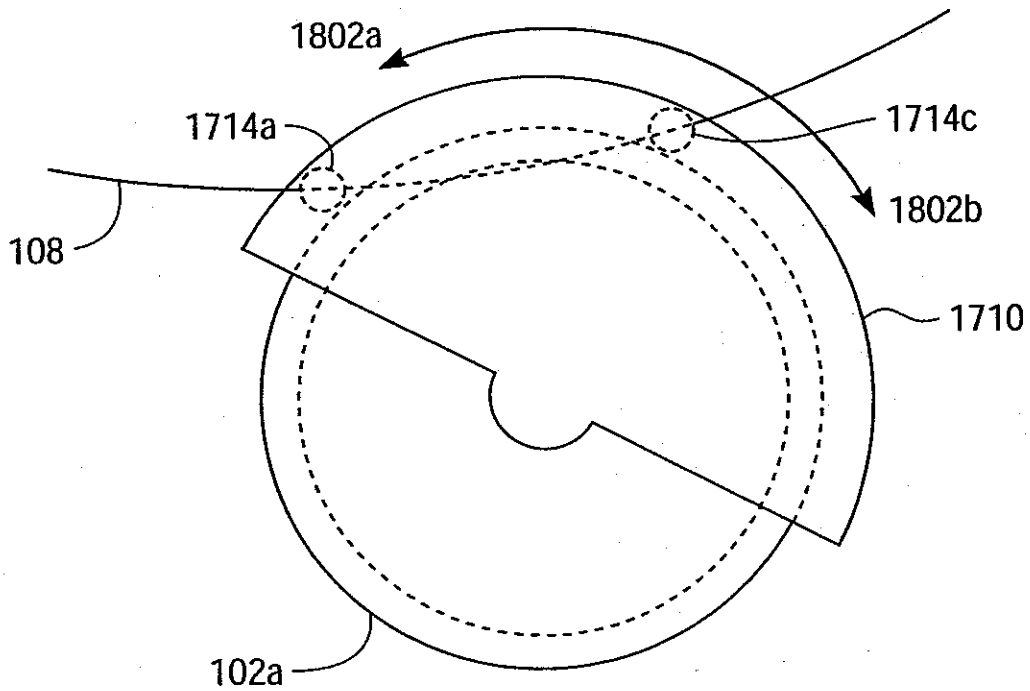


FIG. 18D

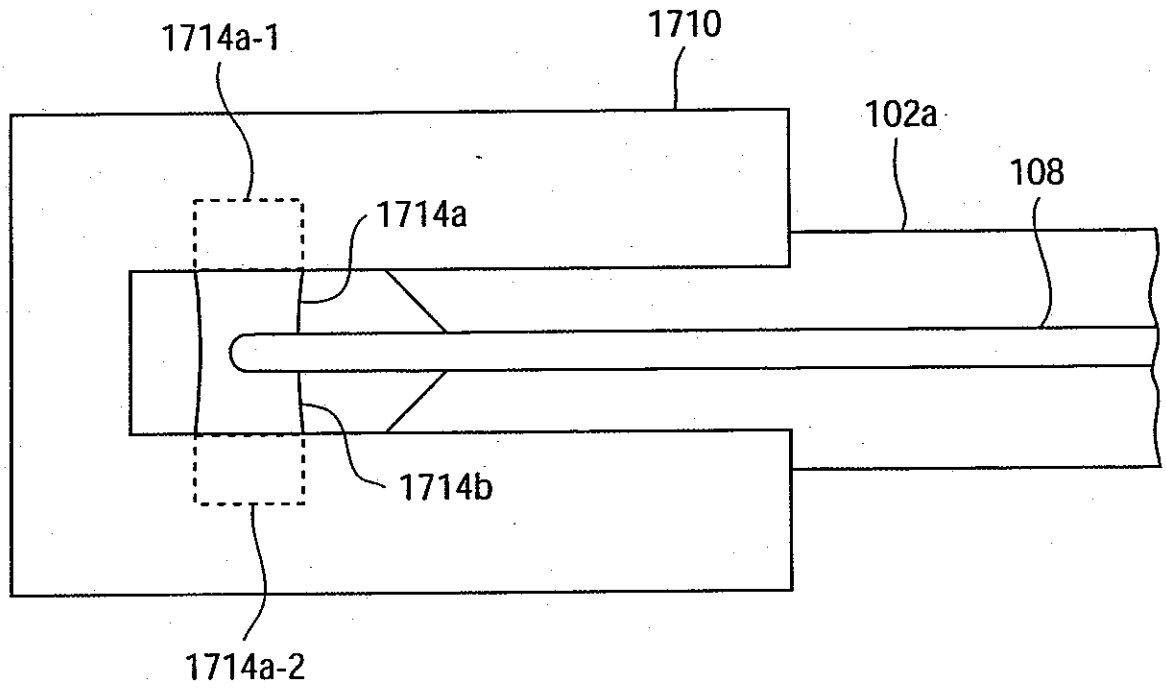


FIG. 19A

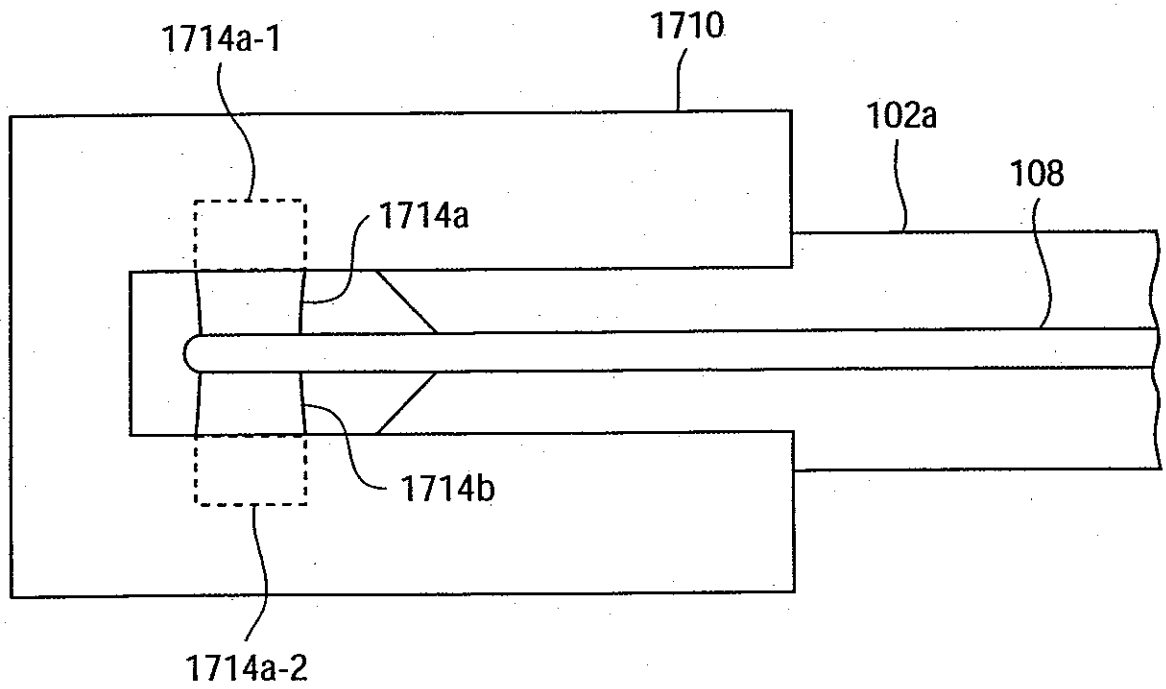


FIG. 19B

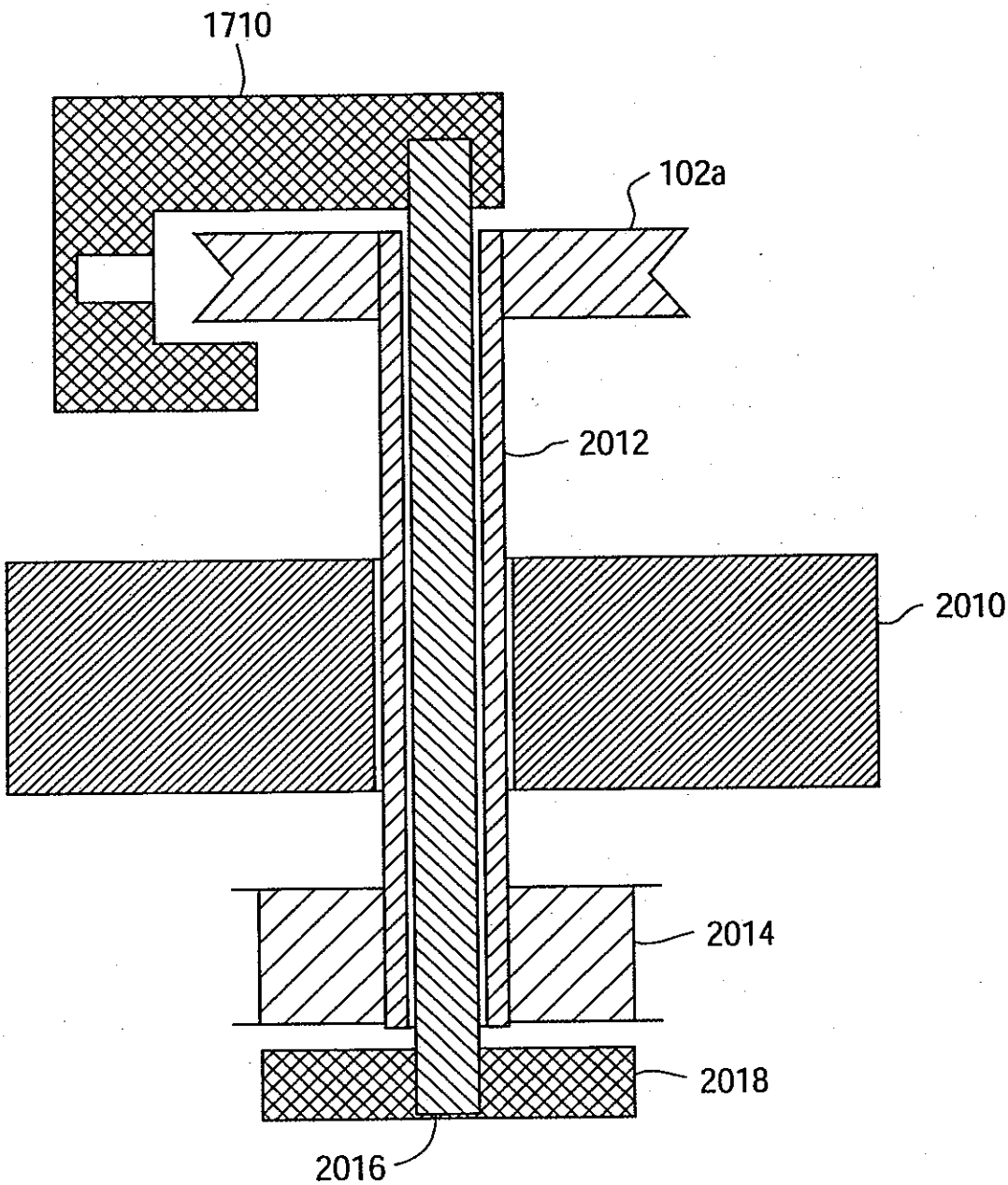


FIG. 20