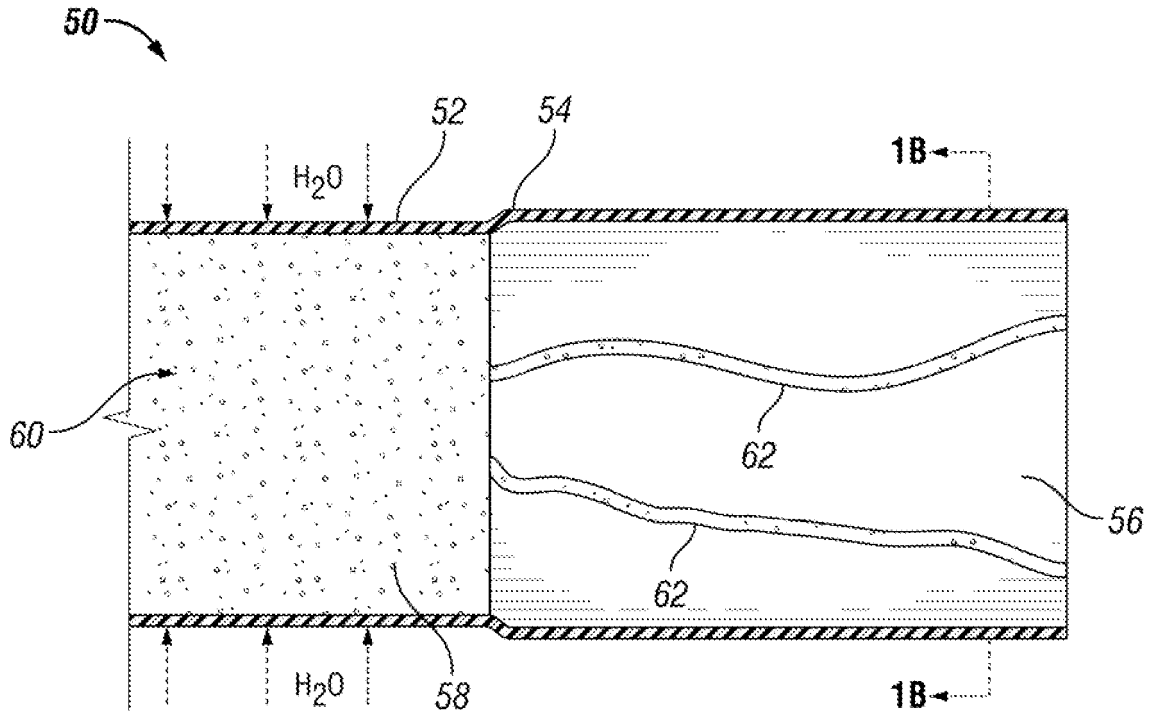


FIG. 1A

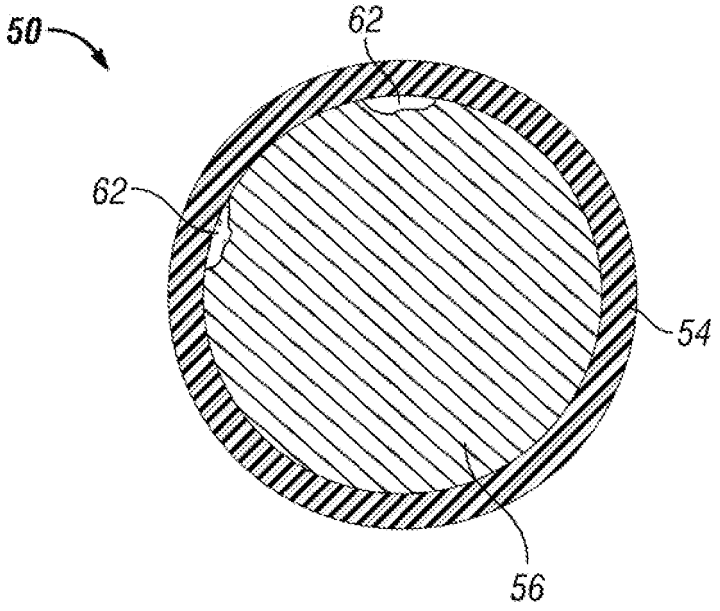


FIG. 1B

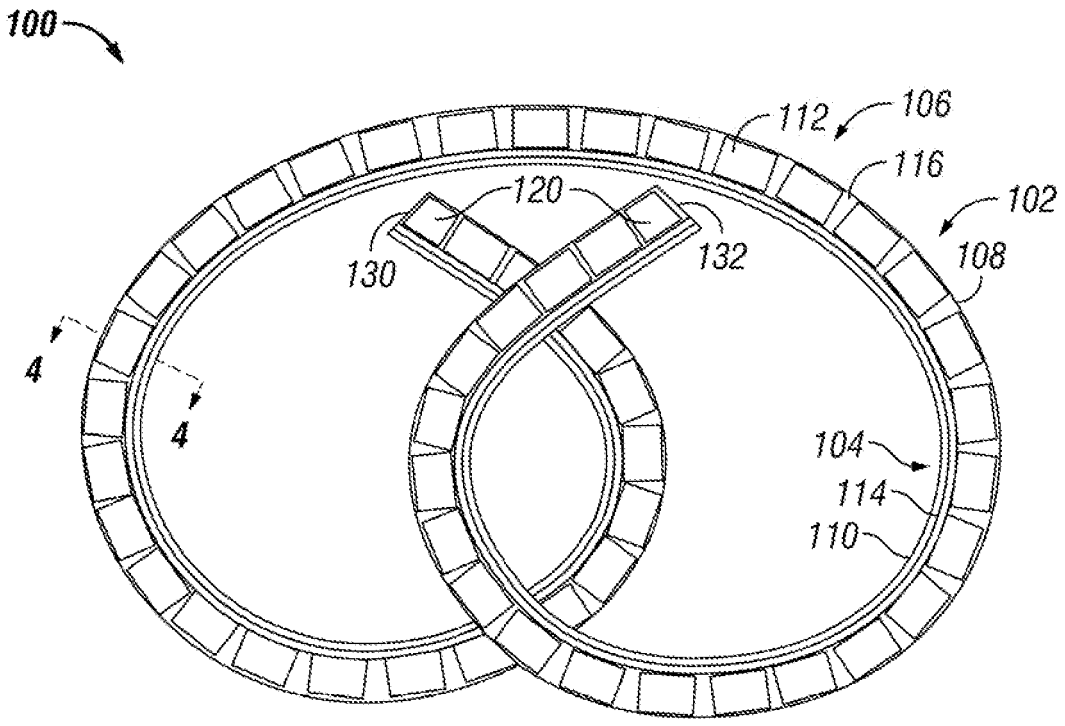

100
112
106
116
102
120
130
132
108
4
4
104
114
110

FIG. 2

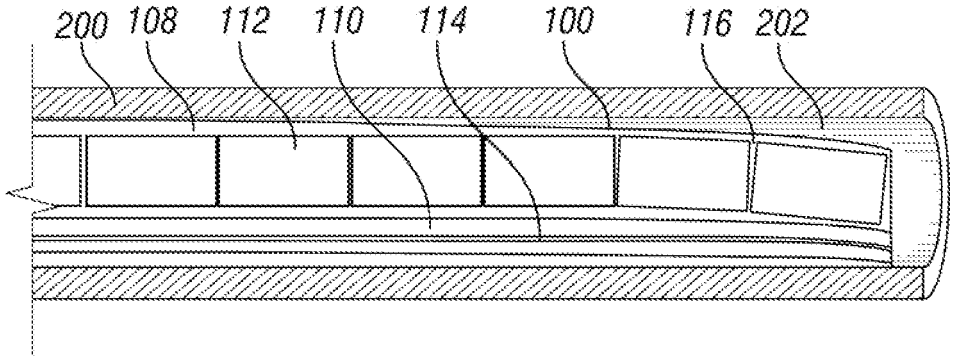

200
108
112
110
114
100
116
202

FIG. 3

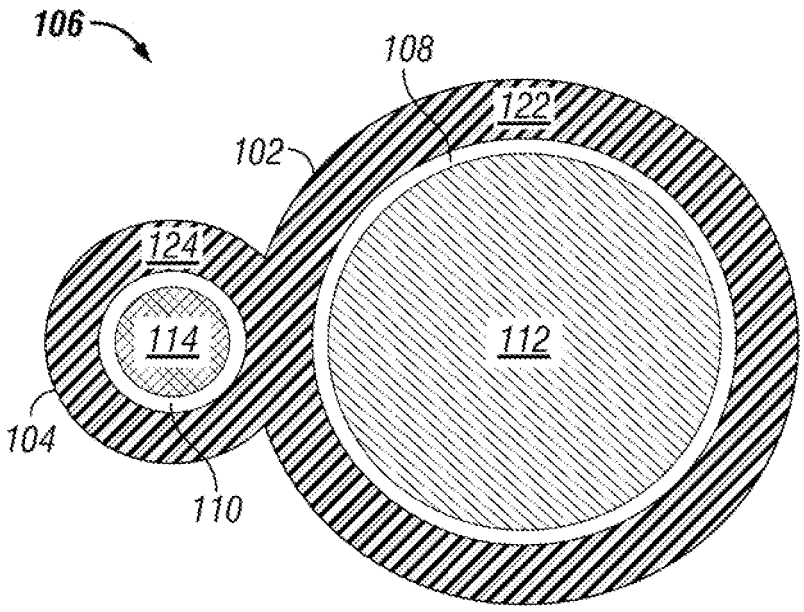


FIG. 4

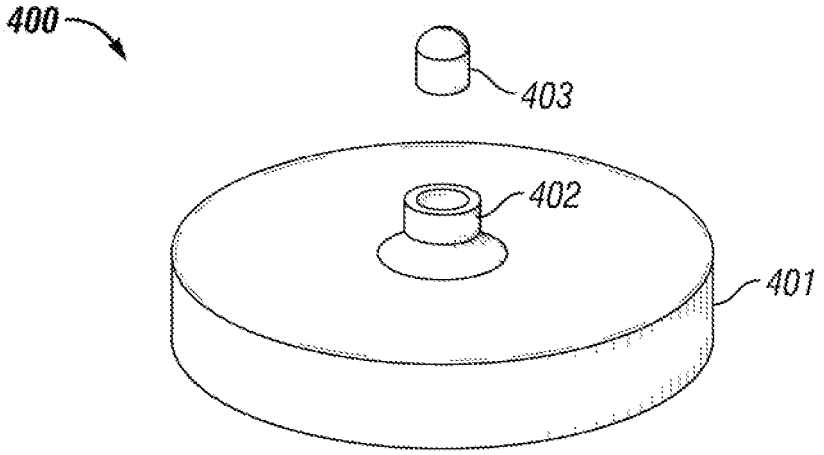


FIG. 5A

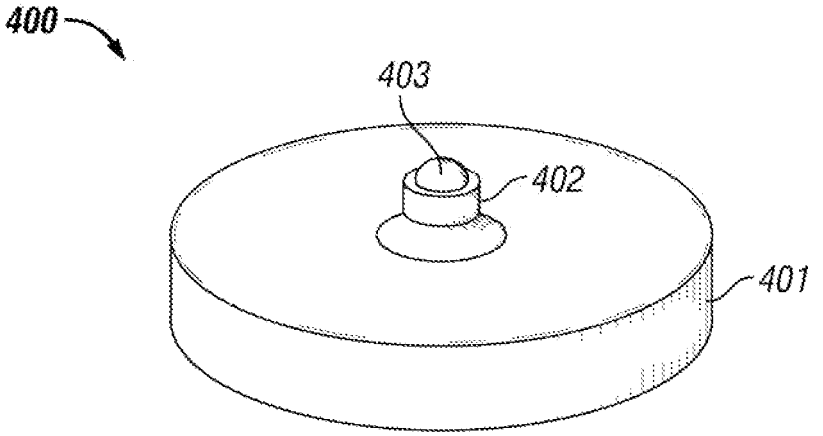


FIG. 5B

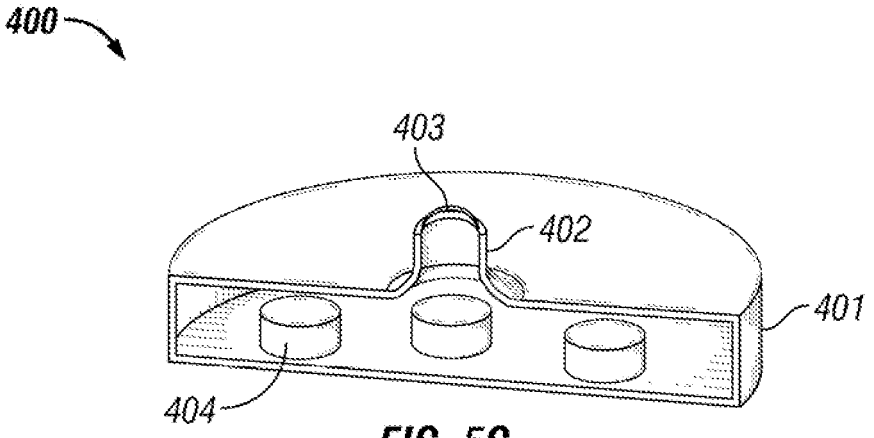


FIG. 5C

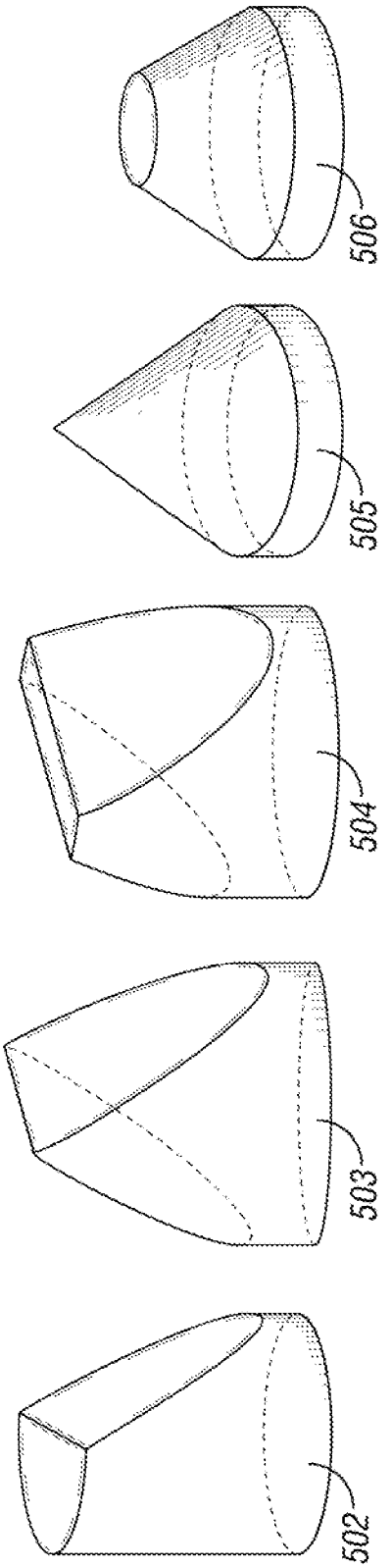


FIG. 6

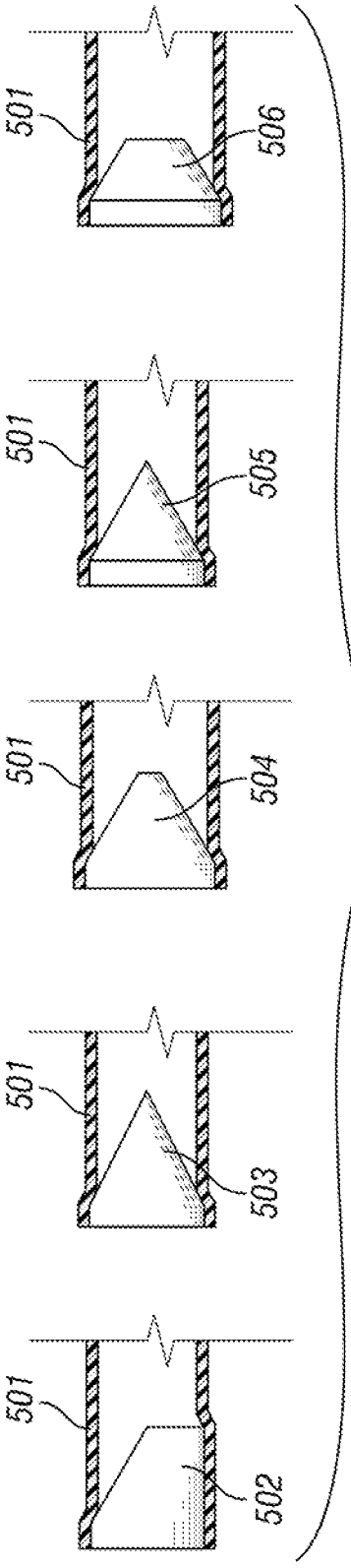


FIG. 7

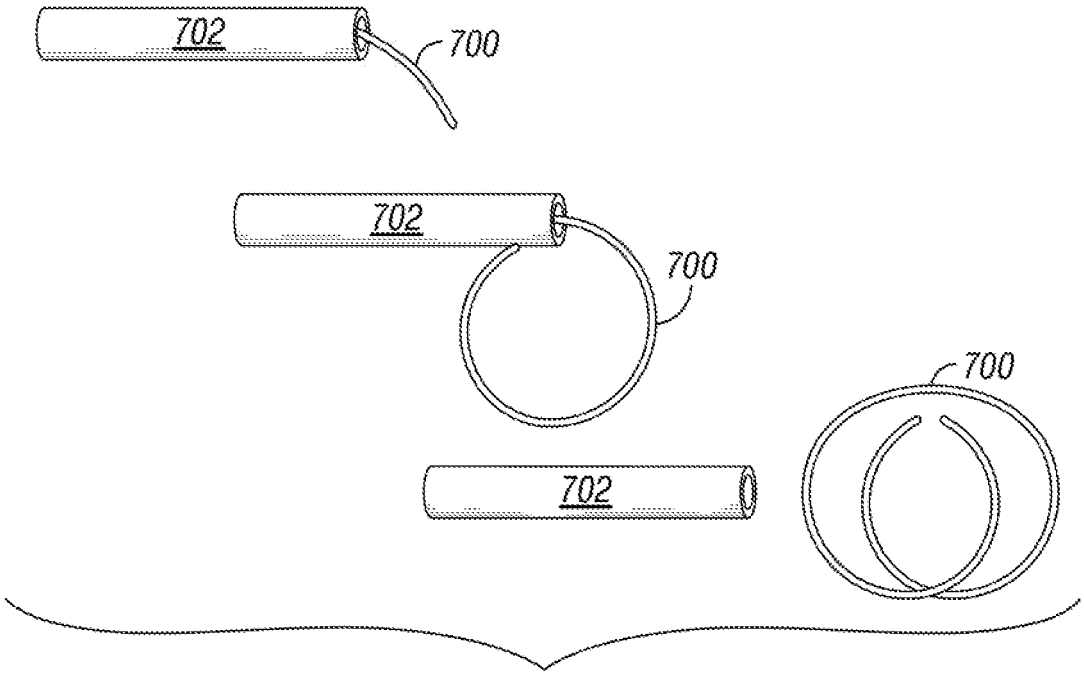


FIG. 8

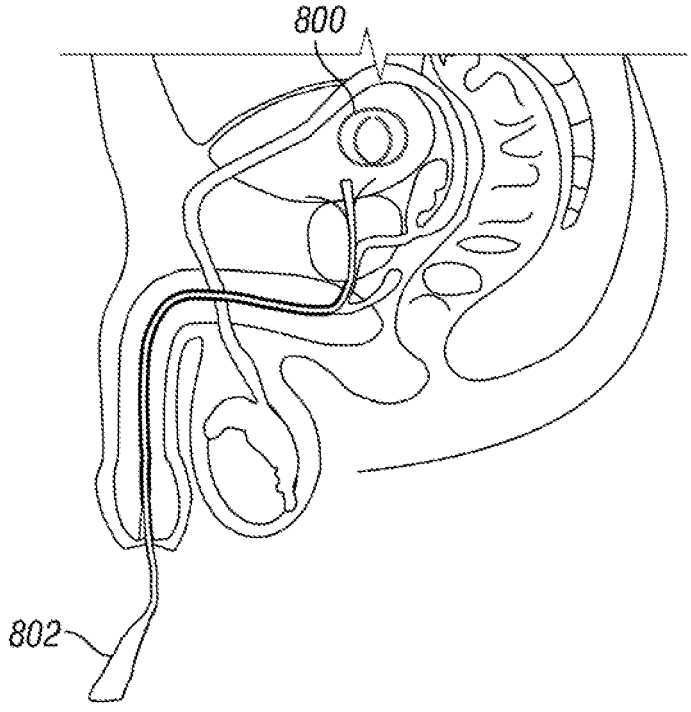


FIG. 9

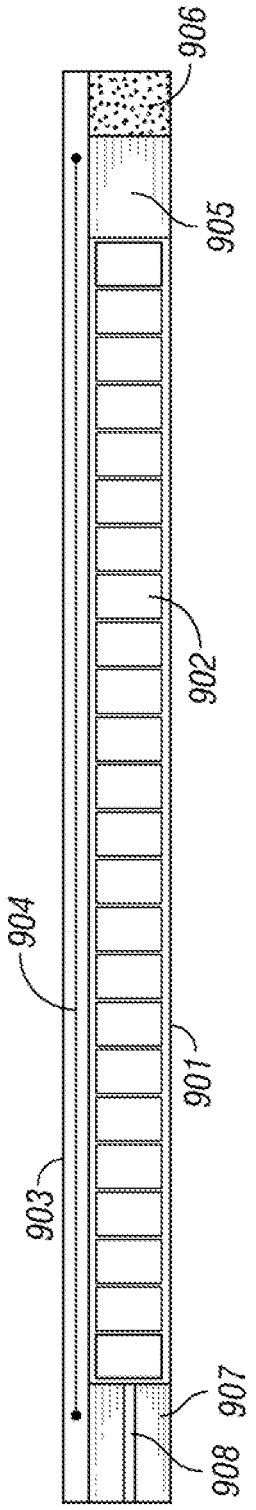


FIG. 10A

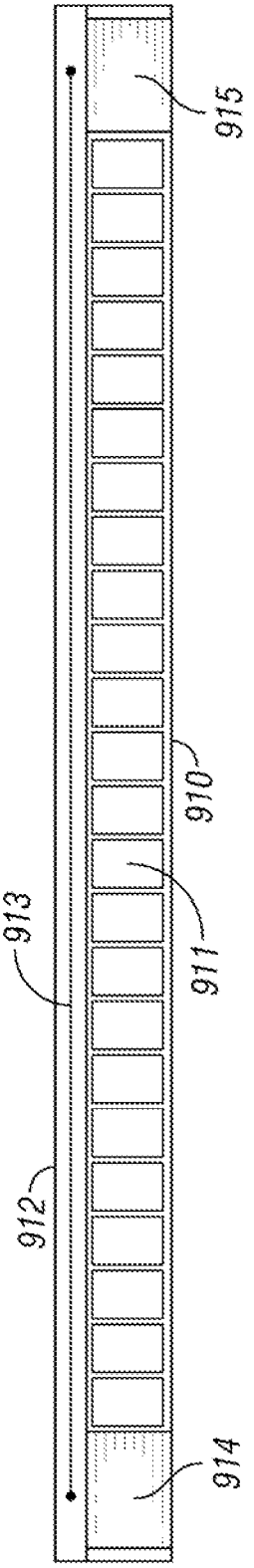


FIG. 10B

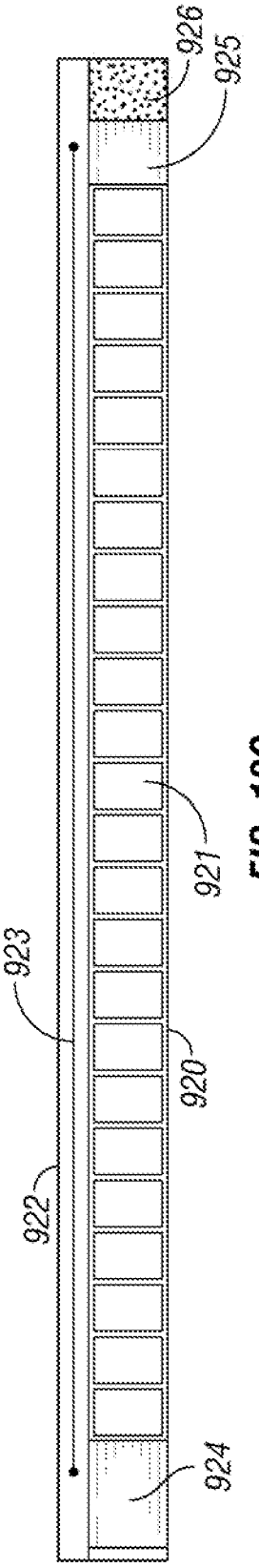


FIG. 10C

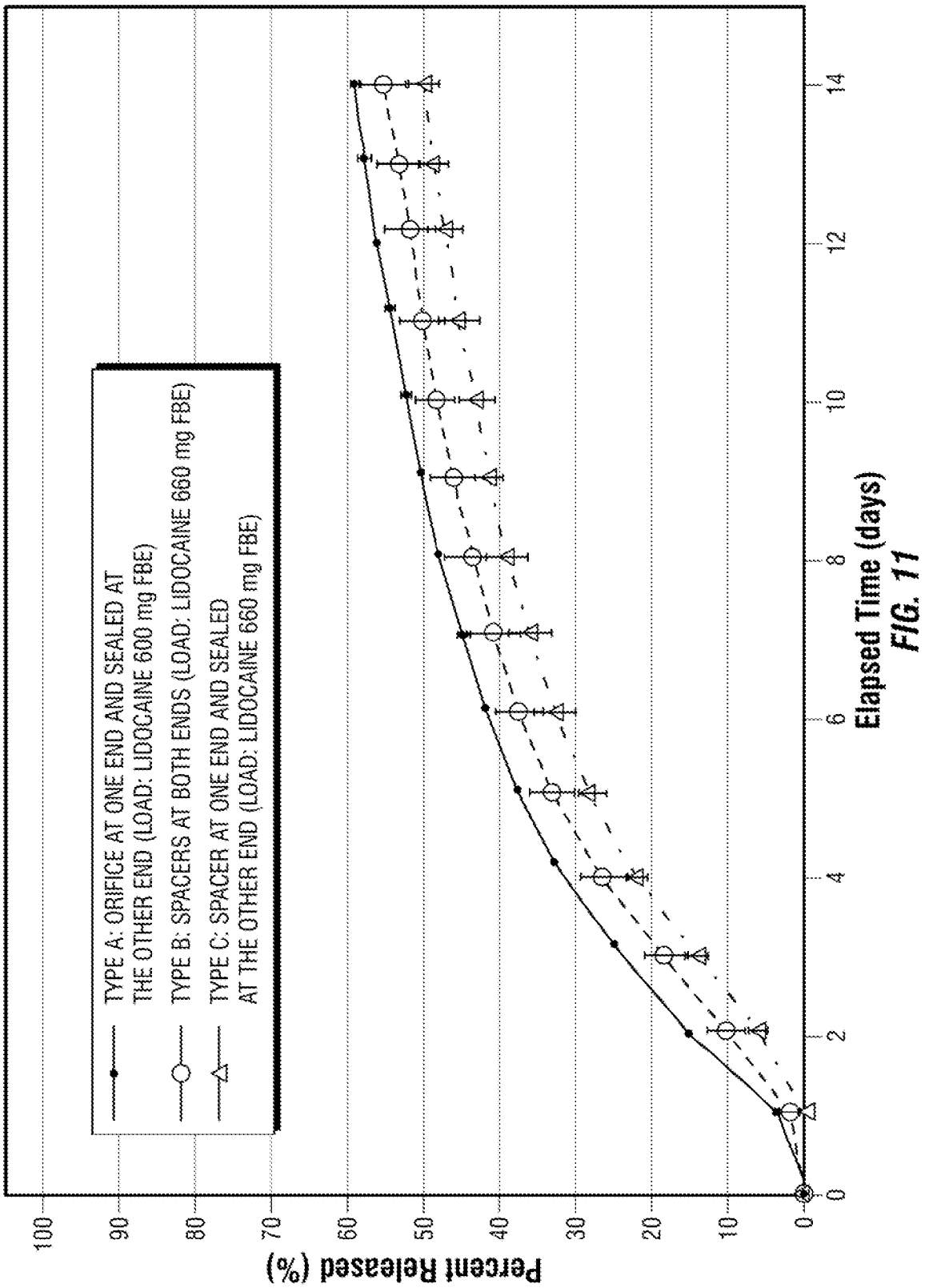

TYPE A: ORIFICE AT ONE END AND SEALED AT THE OTHER END (LOAD: LIDOCAINE 600 mg FBE)
TYPE B: SPACERS AT BOTH ENDS (LOAD: LIDOCAINE 660 mg FBE)
TYPE C: SPACER AT ONE END AND SEALED AT THE OTHER END (LOAD: LIDOCAINE 660 mg FBE)
Percent Released (%)
Elapsed Time (days)
0
10
20
30
40
50
60
70
80
90
100
0
2
4
6
8
10
12
14

FIG. 11

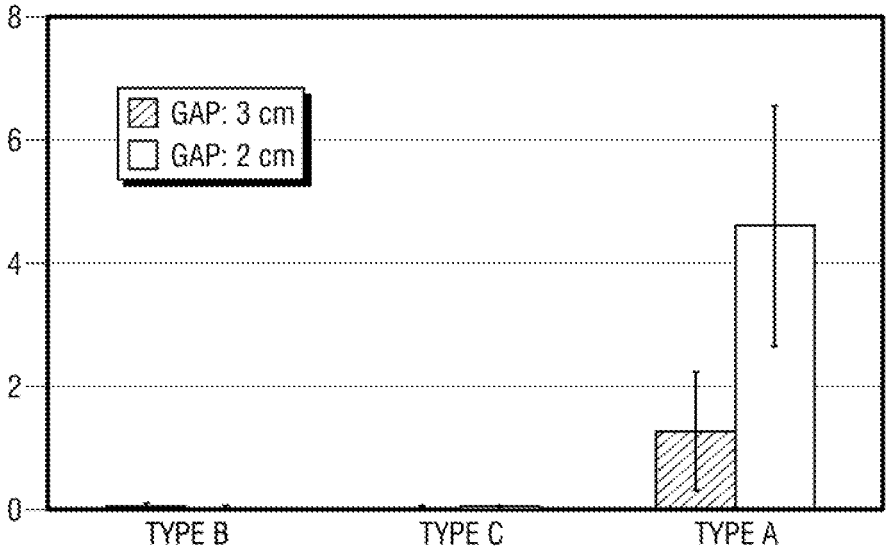


FIG. 12

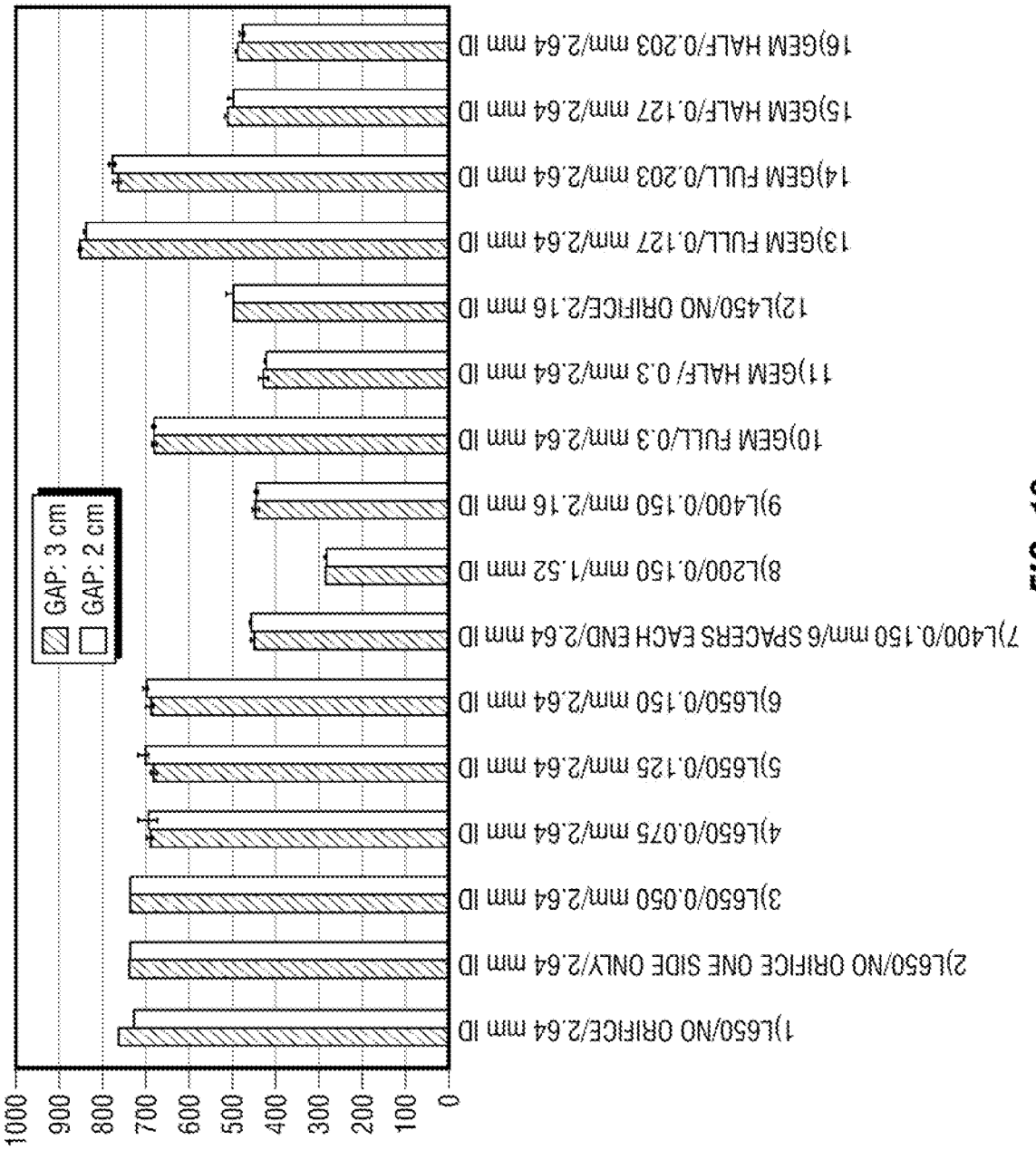

1000
900
800
700
600
500
400
300
200
100
0
GAP: 3 cm
GAP: 2 cm
1)L650/NO ORIFICE/2.64 mm ID
2)L650/NO ORIFICE ONE SIDE ONLY/2.64 mm ID
3)L650/0.050 mm/2.64 mm ID
4)L650/0.075 mm/2.64 mm ID
5)L650/0.125 mm/2.64 mm ID
6)L650/0.150 mm/2.64 mm ID
7)L400/0.150 mm/6 SPACERS EACH END/2.64 mm ID
8)L200/0.150 mm/1.52 mm ID
9)L400/0.150 mm/2.16 mm ID
10)GEM FULL/0.3 mm/2.64 mm ID
11)GEM HALF/ 0.3 mm/2.64 mm ID
12)L450/NO ORIFICE/2.16 mm ID
13)GEM FULL/0.127 mm/2.64 mm ID
14)GEM FULL/0.203 mm/2.64 mm ID
15)GEM HALF/0.127 mm/2.64 mm ID
16)GEM HALF/0.203 mm/2.64 mm ID

FIG. 13

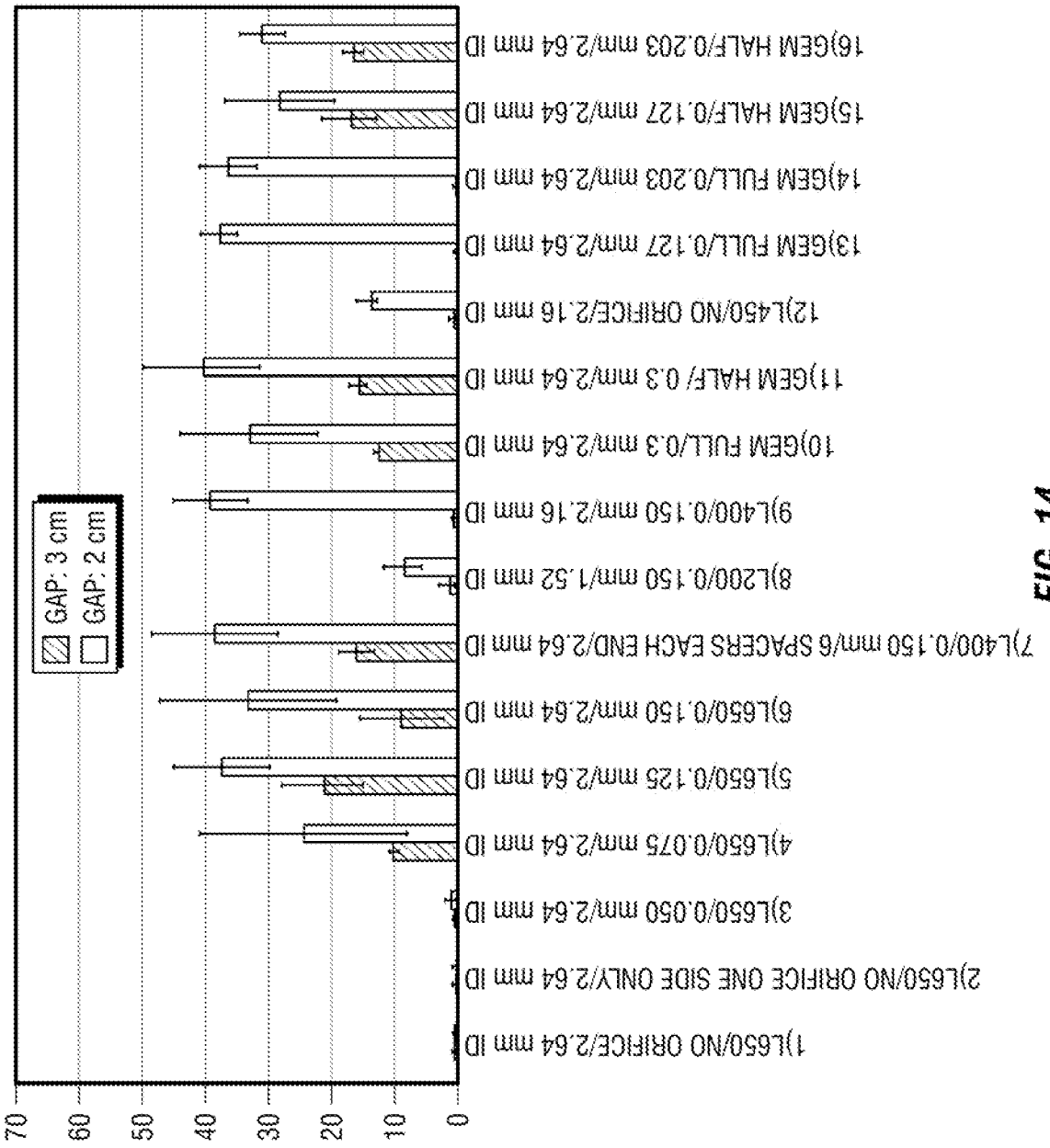

GAP: 3 cm
GAP: 2 cm
70
60
50
40
30
20
10
0
1)L650/NO ORIFICE/2.64 mm ID
2)L650/NO ORIFICE ONE SIDE ONLY/2.64 mm ID
3)L650/0.050 mm/2.64 mm ID
4)L650/0.075 mm/2.64 mm ID
5)L650/0.125 mm/2.64 mm ID
6)L650/0.150 mm/2.64 mm ID
7)L400/0.150 mm/6 SPACERS EACH END/2.64 mm ID
8)L200/0.150 mm/1.52 mm ID
9)L400/0.150 mm/2.16 mm ID
10)GEM FULL/0.3 mm/2.64 mm ID
11)GEM HALF/ 0.3 mm/2.64 mm ID
12)L450/NO ORIFICE/2.16 mm ID
13)GEM FULL/0.127 mm/2.64 mm ID
14)GEM FULL/0.203 mm/2.64 mm ID
15)GEM HALF/0.127 mm/2.64 mm ID
16)GEM HALF/0.203 mm/2.64 mm ID

FIG. 14

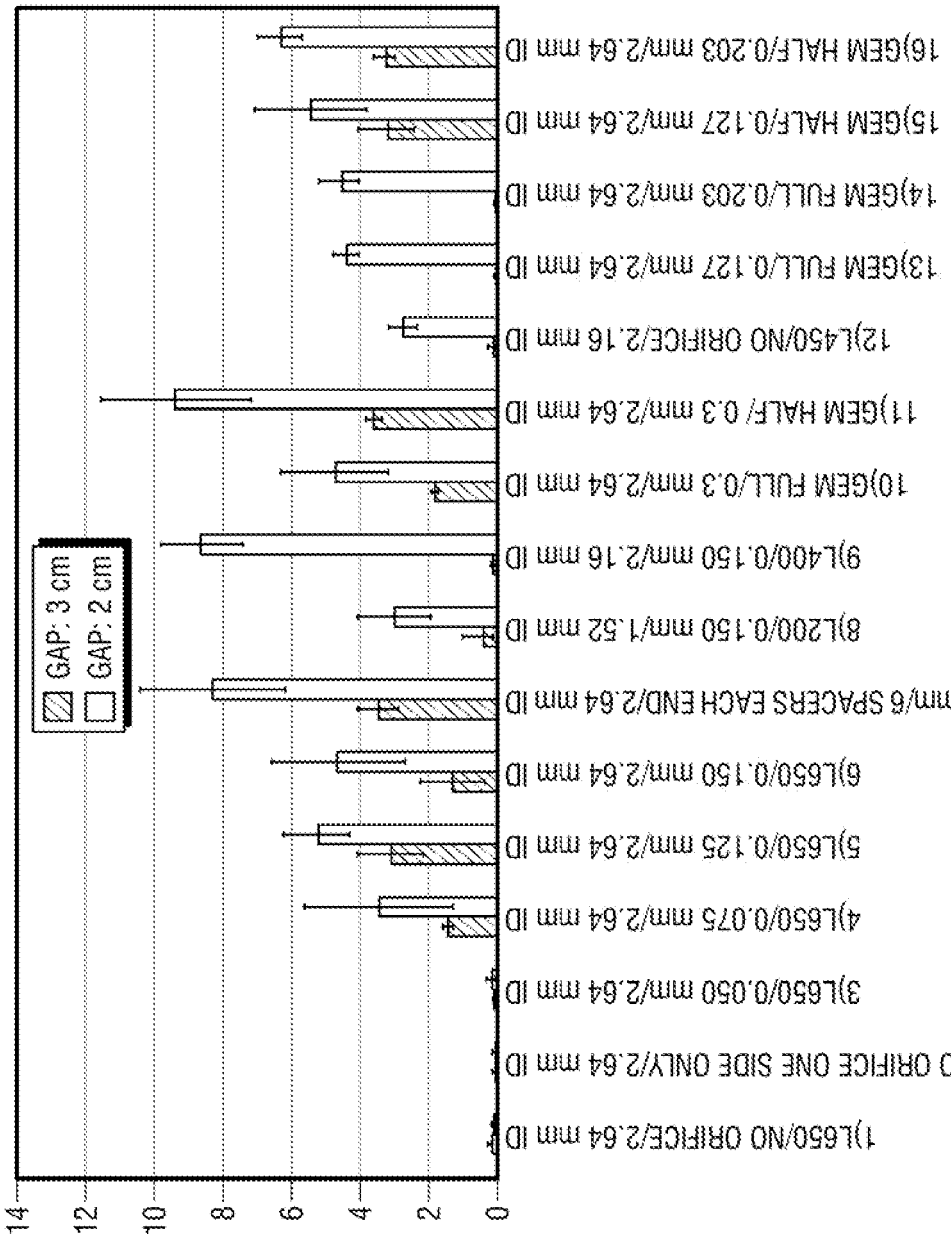

GAP: 3 cm
GAP: 2 cm
0
2
4
6
8
10
12
14
1)L650/NO ORIFICE/2.64 mm ID
2)L650/NO ORIFICE ONE SIDE ONLY/2.64 mm ID
3)L650/0.050 mm/2.64 mm ID
4)L650/0.075 mm/2.64 mm ID
5)L650/0.125 mm/2.64 mm ID
6)L650/0.150 mm/2.64 mm ID
7)L400/0.150 mm/6 SPACERS EACH END/2.64 mm ID
8)L200/0.150 mm/1.52 mm ID
9)L400/0.150 mm/2.16 mm ID
10)GEM FULL/0.3 mm/2.64 mm ID
11)GEM HALF/ 0.3 mm/2.64 mm ID
12)L450/NO ORIFICE/2.16 mm ID
13)GEM FULL/0.127 mm/2.64 mm ID
14)GEM FULL/0.203 mm/2.64 mm ID
15)GEM HALF/0.127 mm/2.64 mm ID
16)GEM HALF/0.203 mm/2.64 mm ID

FIG. 15

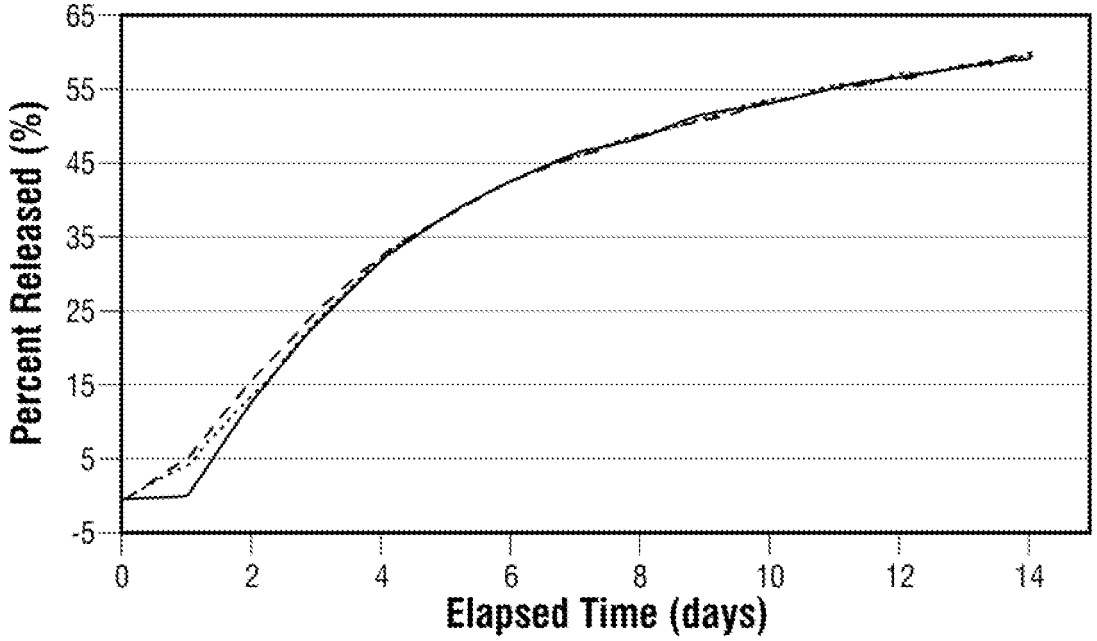

Percent Released (%)
65
55
45
35
25
15
5
-5
0
2
4
6
8
10
12
14
Elapsed Time (days)

FIG. 16

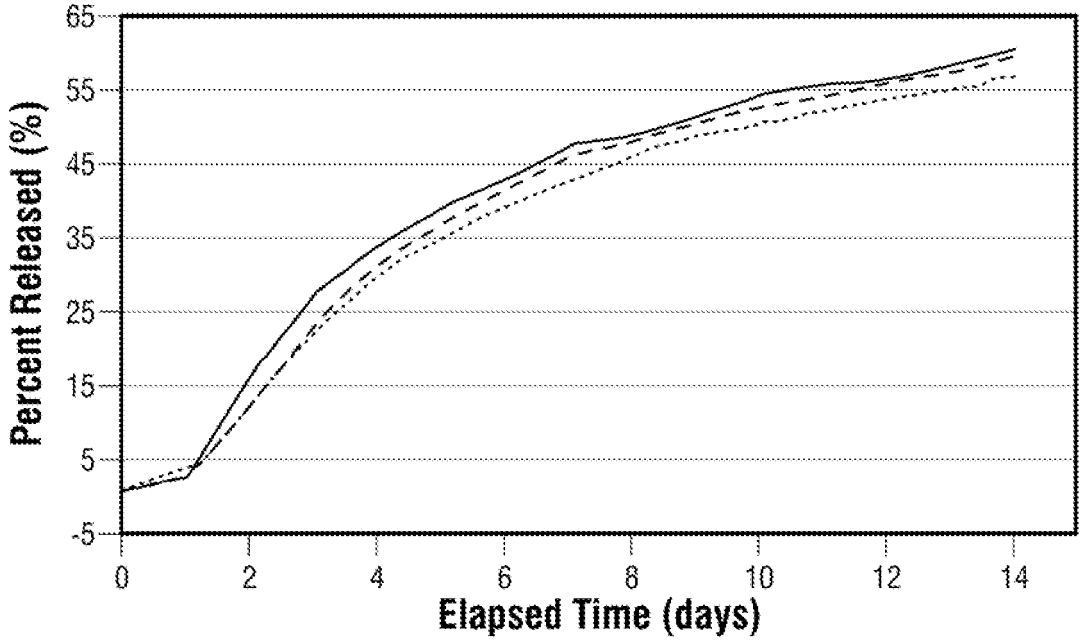

Percent Released (%)
65
55
45
35
25
15
5
-5
0
2
4
6
8
10
12
14
Elapsed Time (days)

FIG. 17

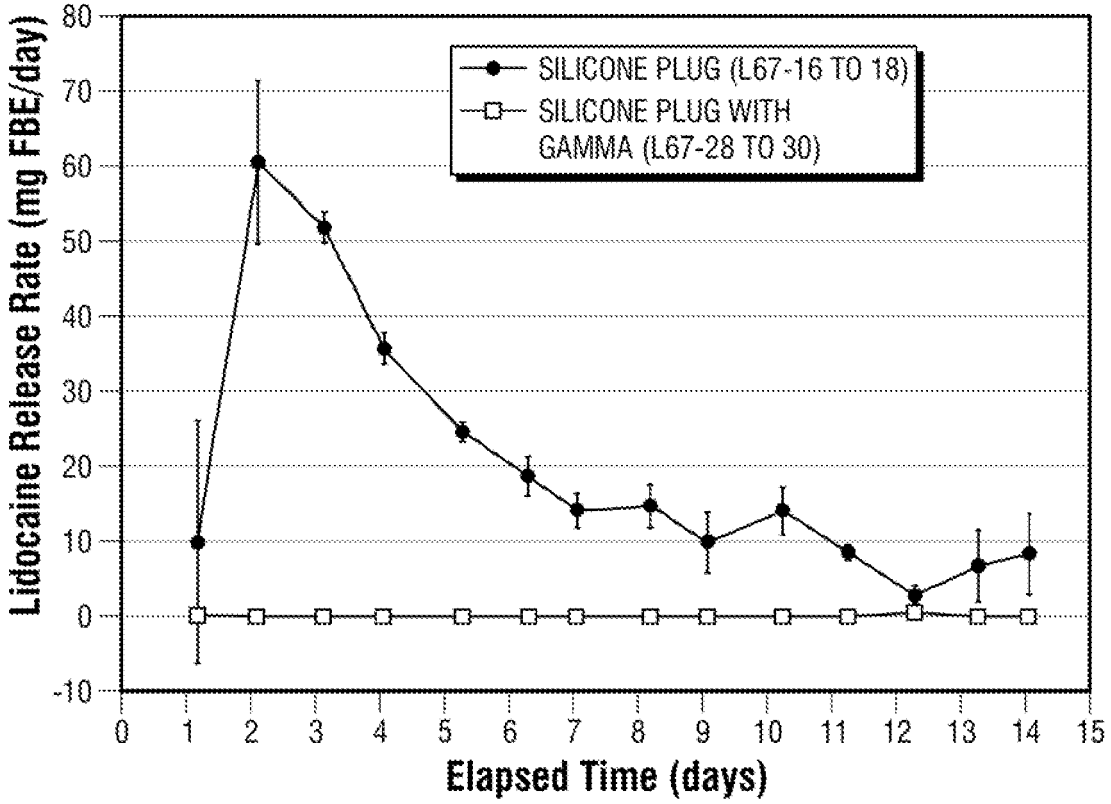

Lidocaine Release Rate (mg FBE/day)
80
70
60
50
40
30
20
10
0
-10
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
Elapsed Time (days)
SILICONE PLUG (L67-16 TO 18)
SILICONE PLUG WITH GAMMA (L67-28 TO 30)

FIG. 18

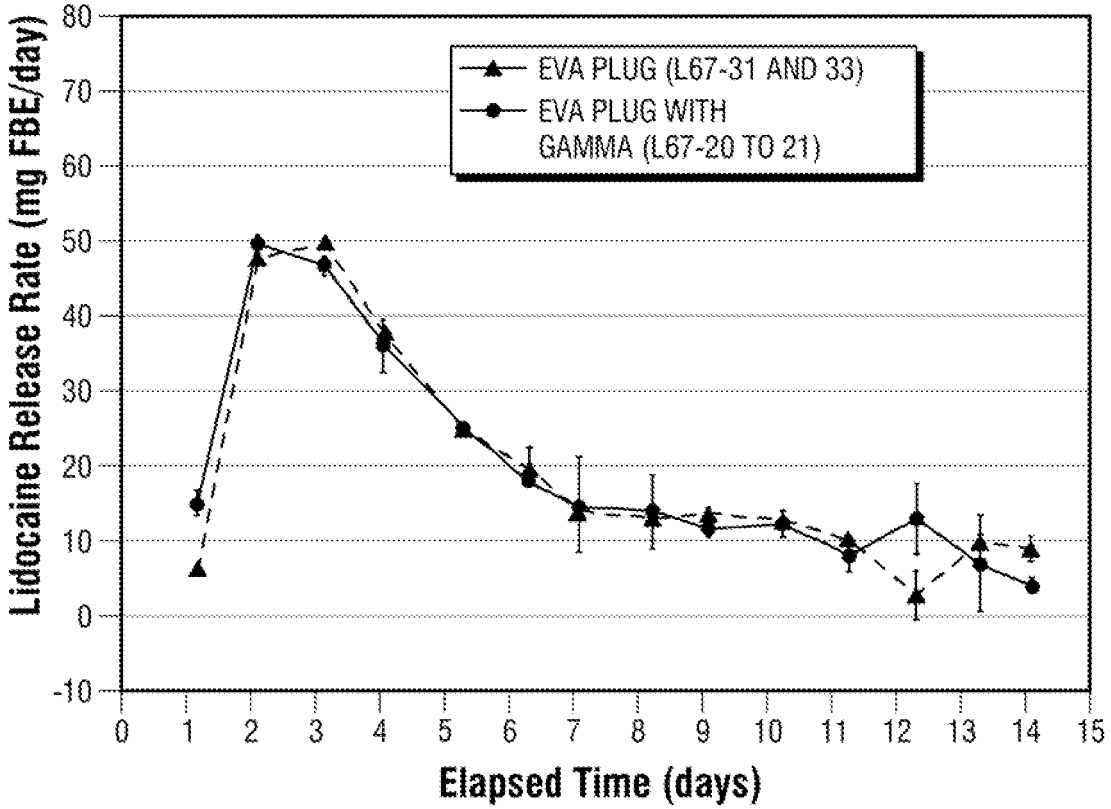

Lidocaine Release Rate (mg FBE/day)
80
70
60
50
40
30
20
10
0
-10
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
Elapsed Time (days)
EVA PLUG (L67-31 AND 33)
EVA PLUG WITH GAMMA (L67-20 TO 21)

FIG. 19

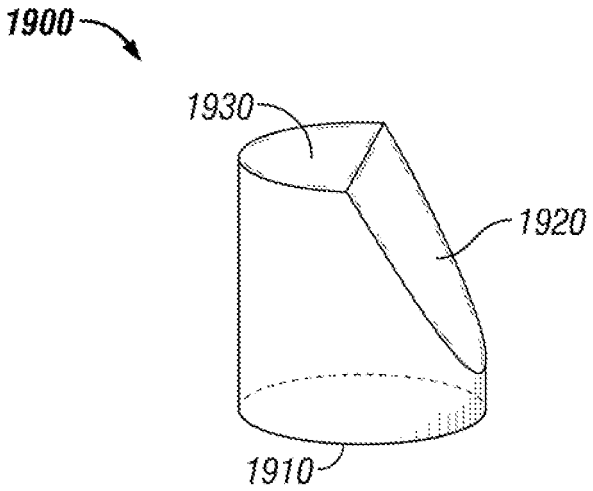


FIG. 20A

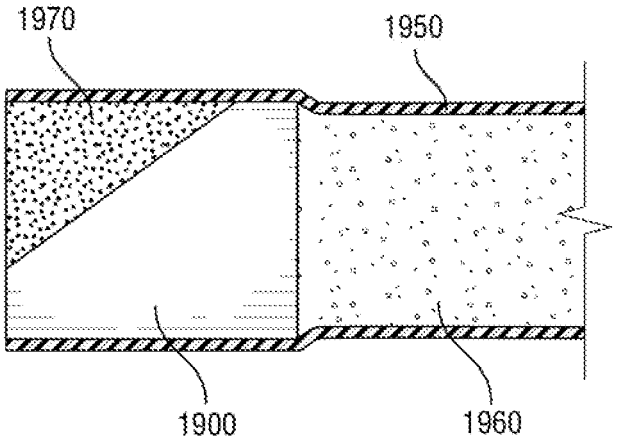


FIG. 20B

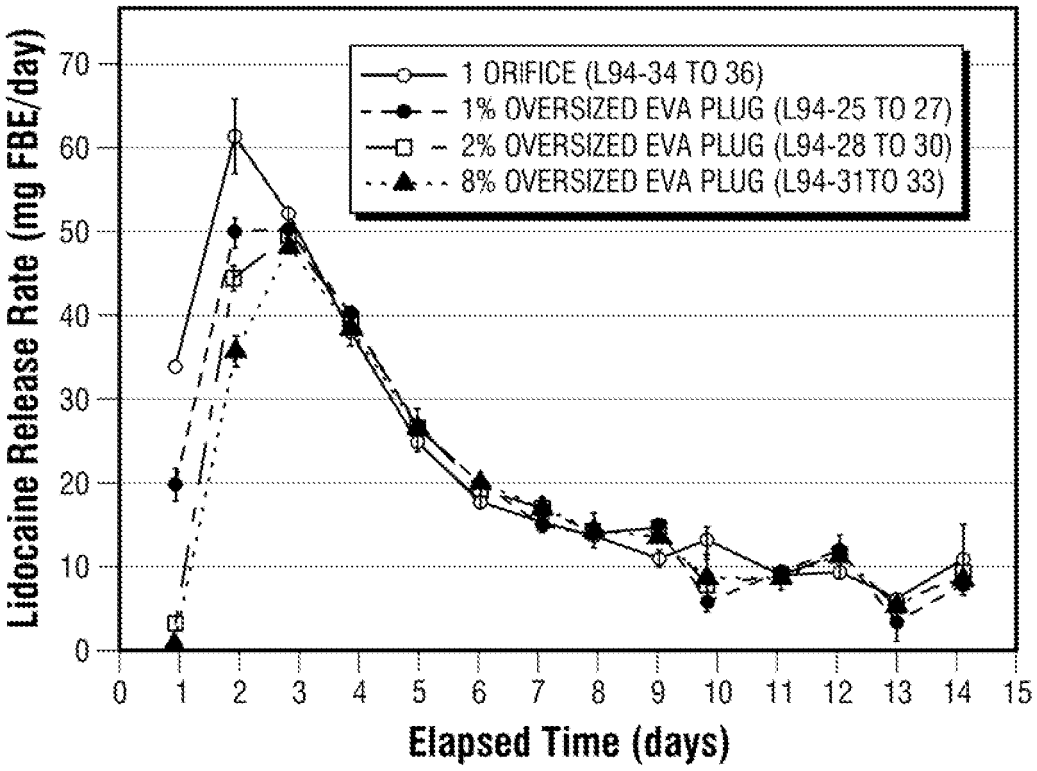

Lidocaine Release Rate (mg FBE/day)
70
60
50
40
30
20
10
0
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
Elapsed Time (days)
1 ORIFICE (L94-34 TO 36)
1% OVERSIZED EVA PLUG (L94-25 TO 27)
2% OVERSIZED EVA PLUG (L94-28 TO 30)
8% OVERSIZED EVA PLUG (L94-31TO 33)

FIG. 21