

FIG. 1

200

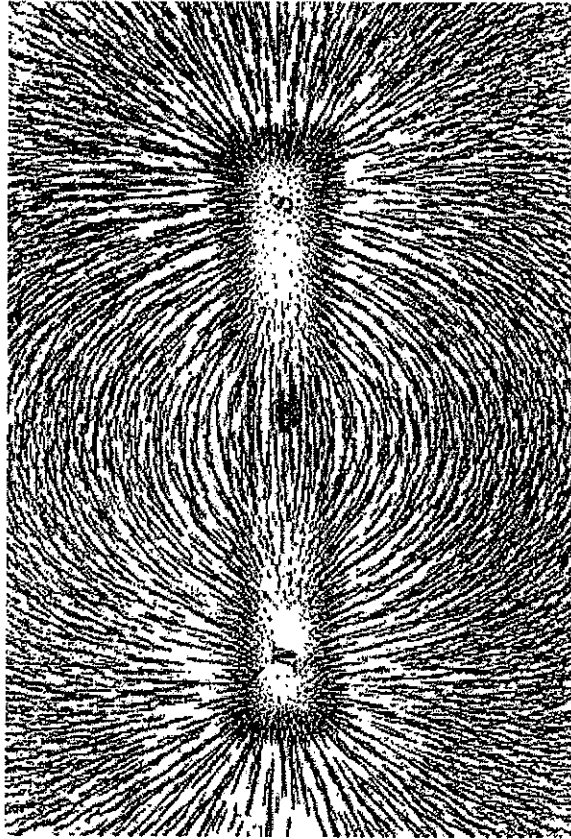
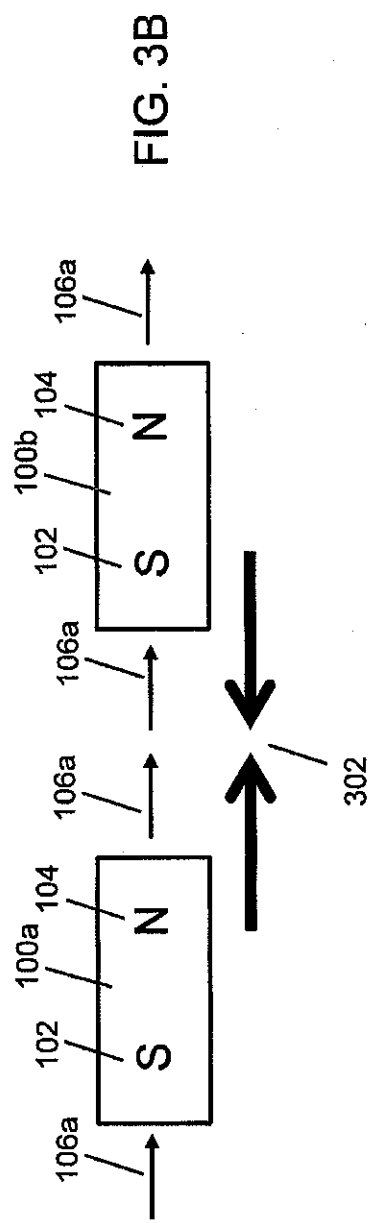
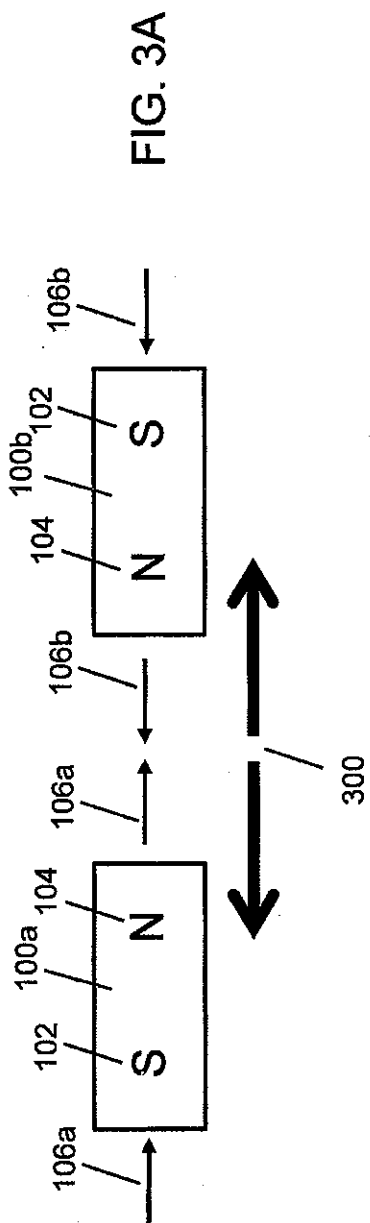
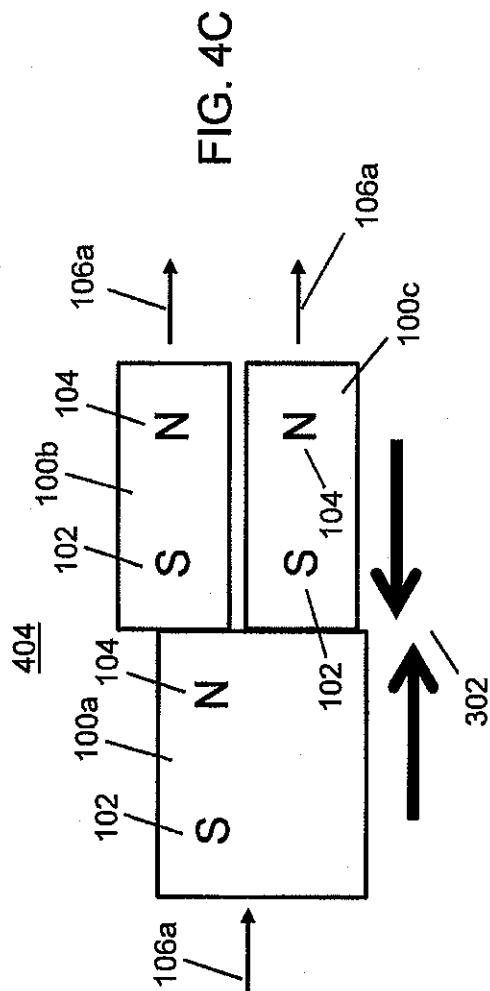
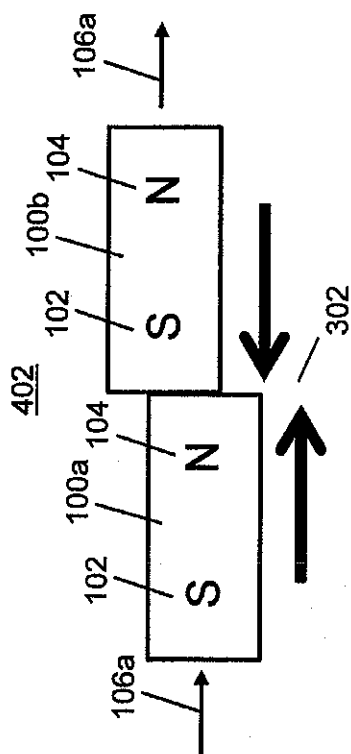
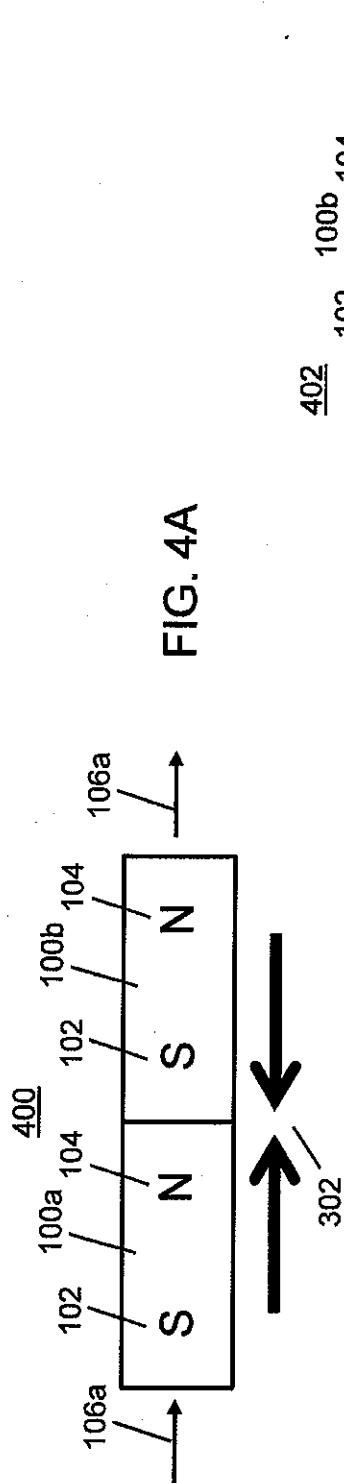


FIG. 2





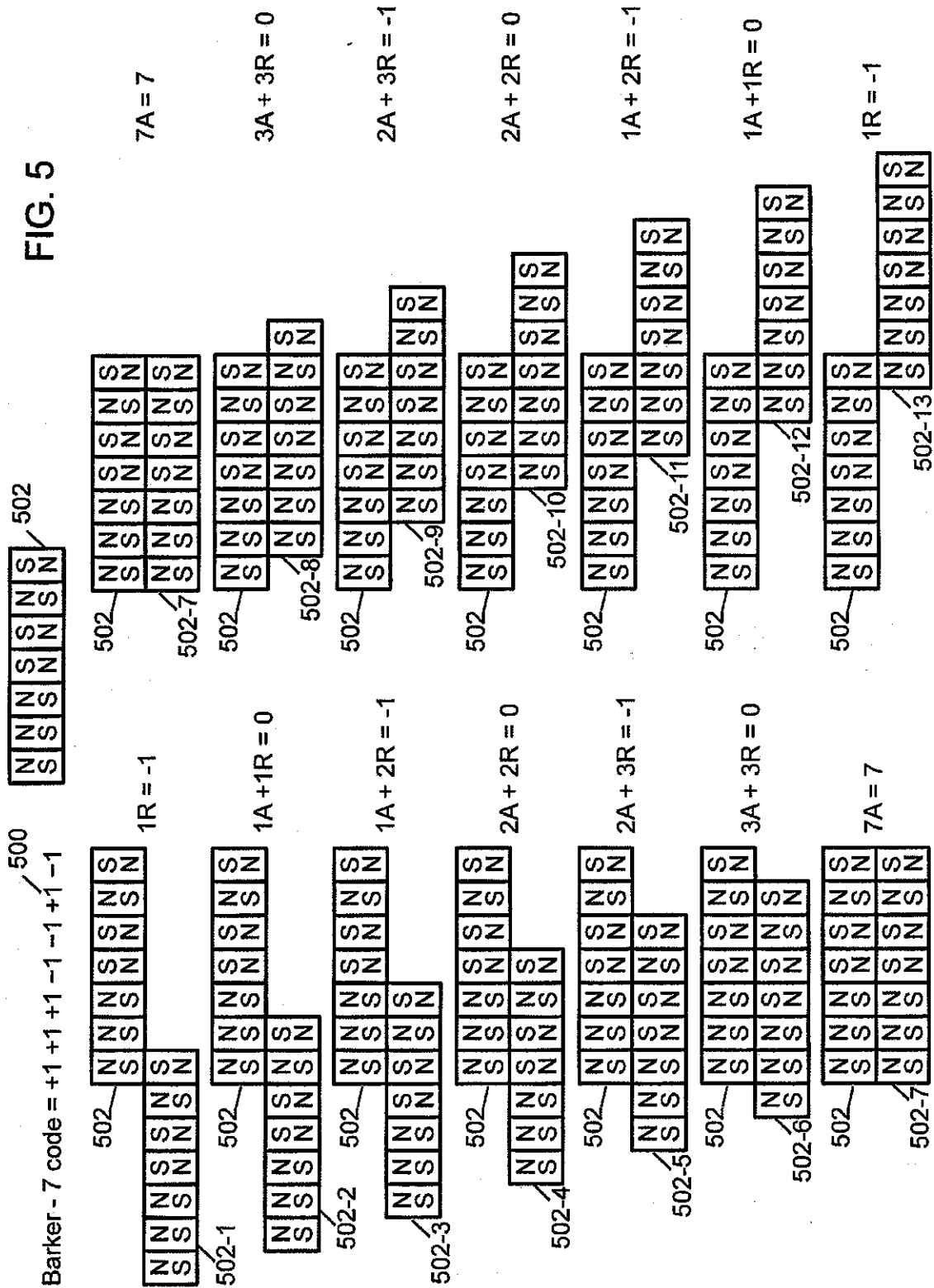
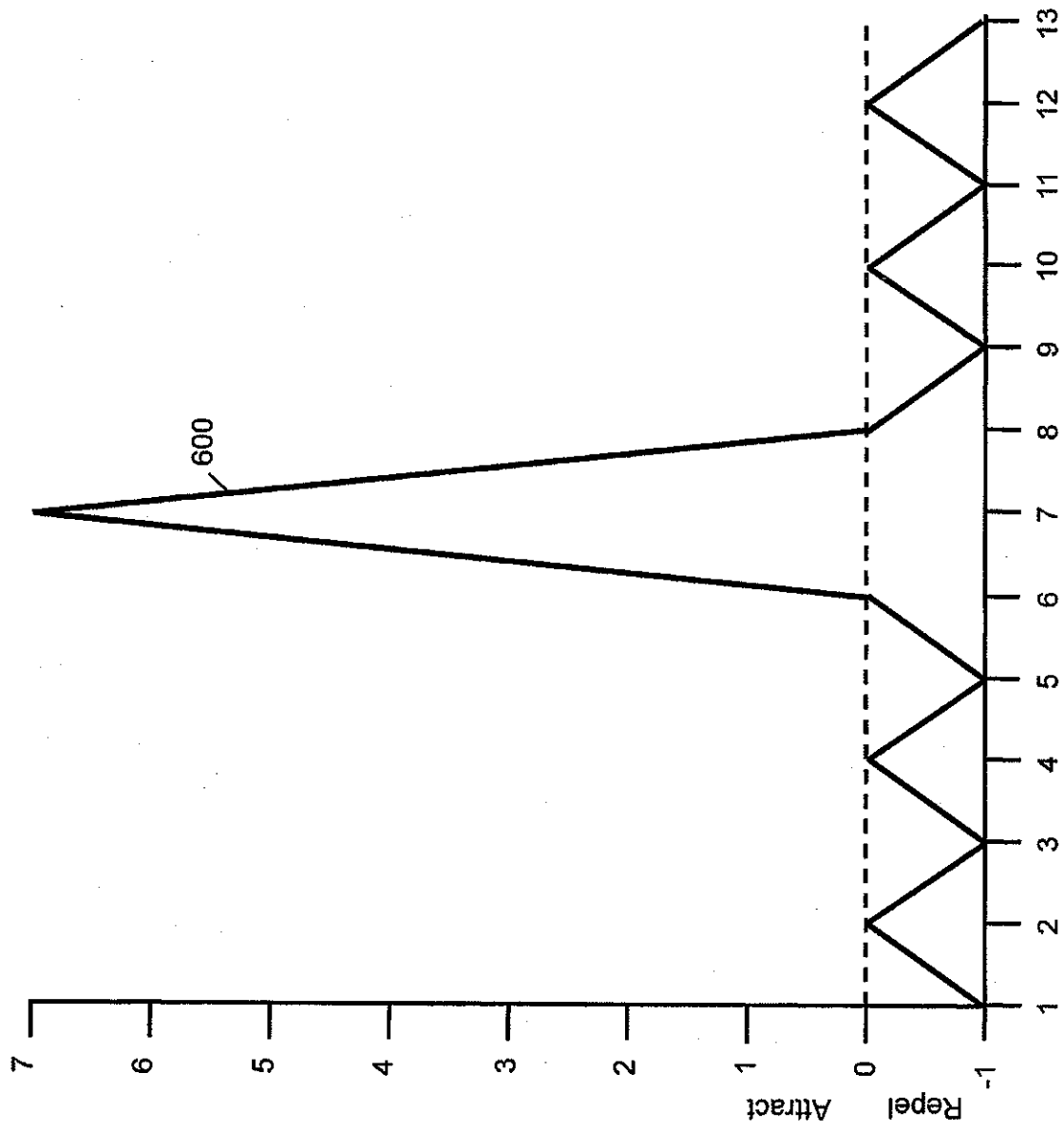


FIG. 6



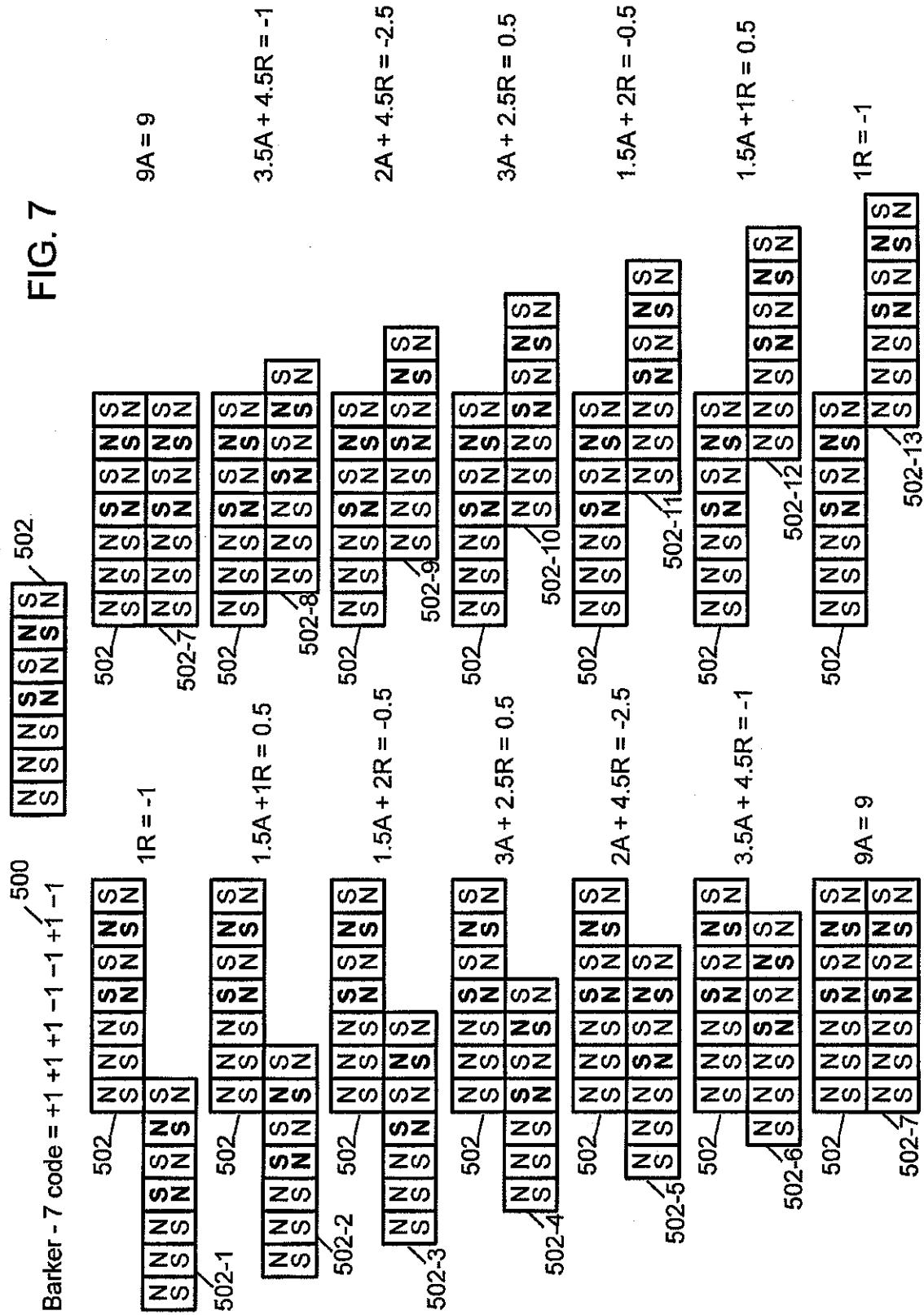
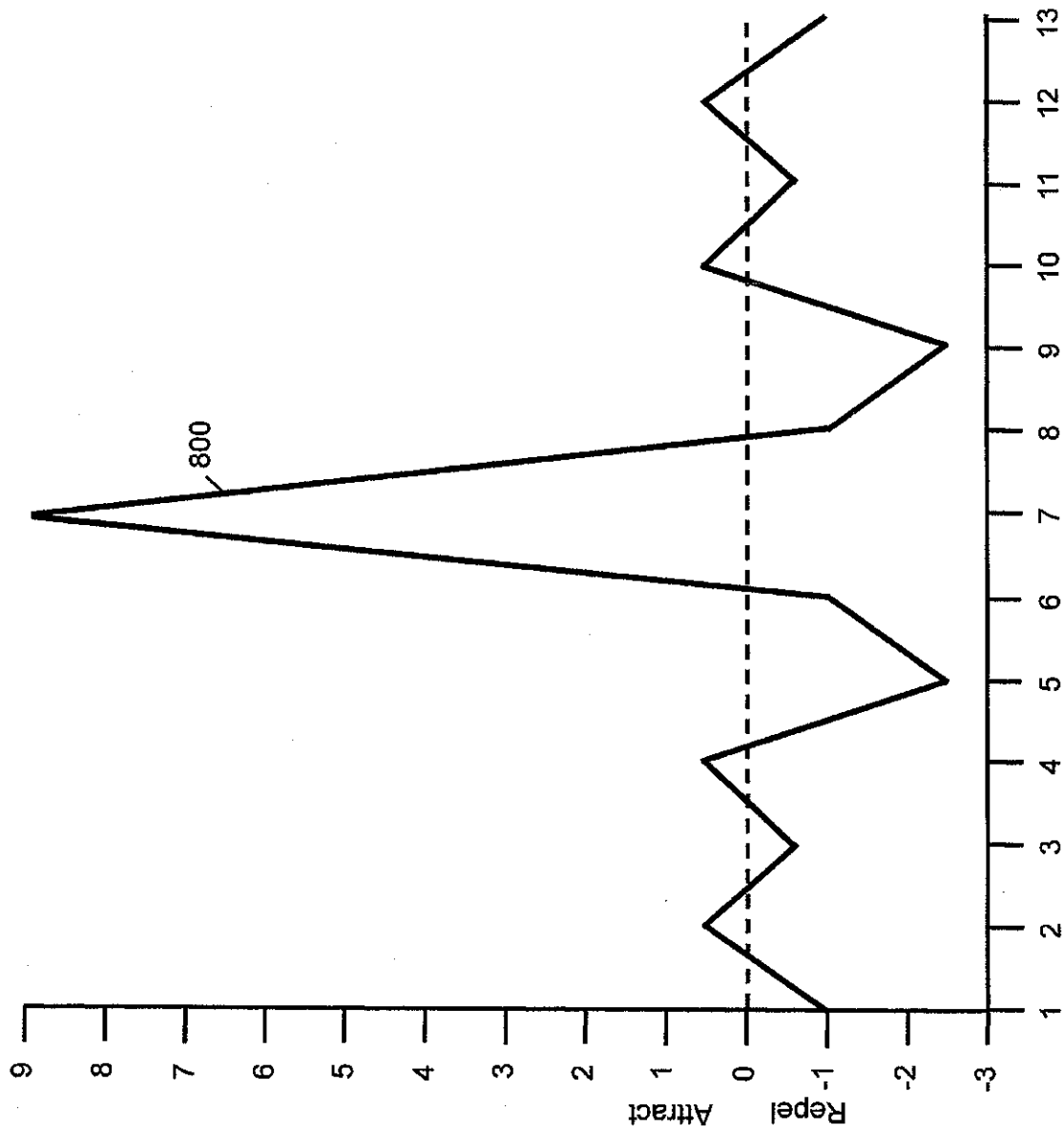


FIG. 8



96E

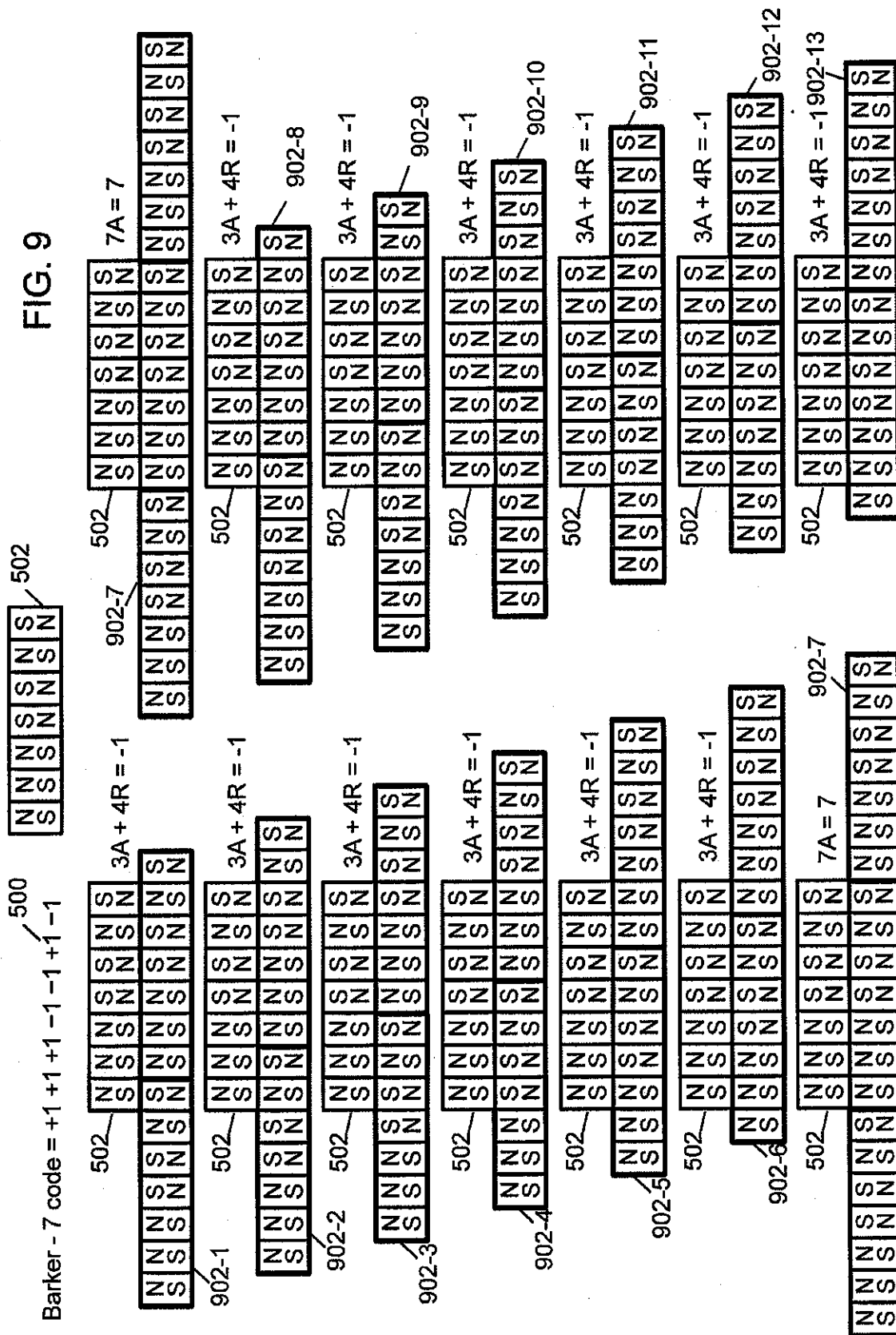
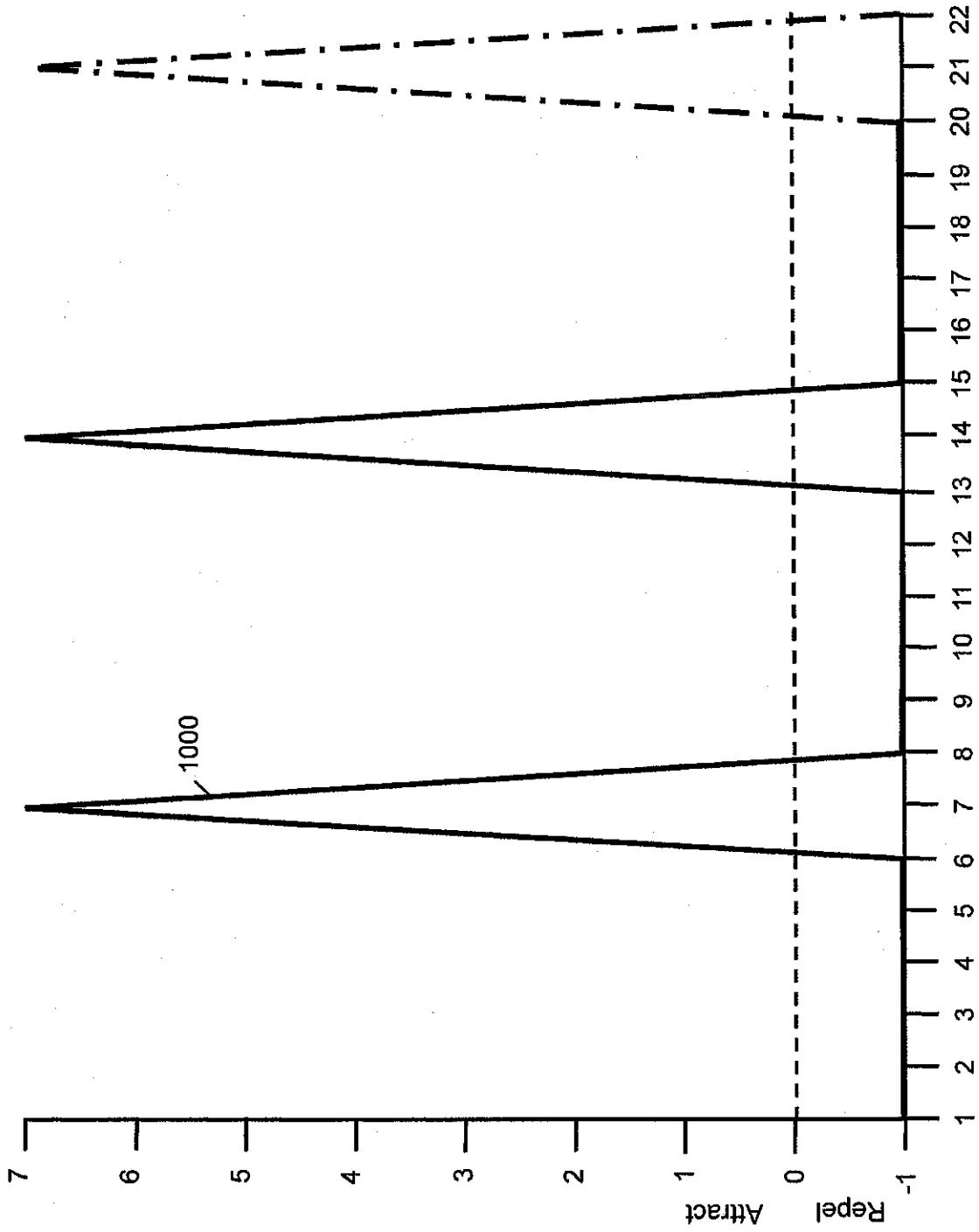


FIG. 10



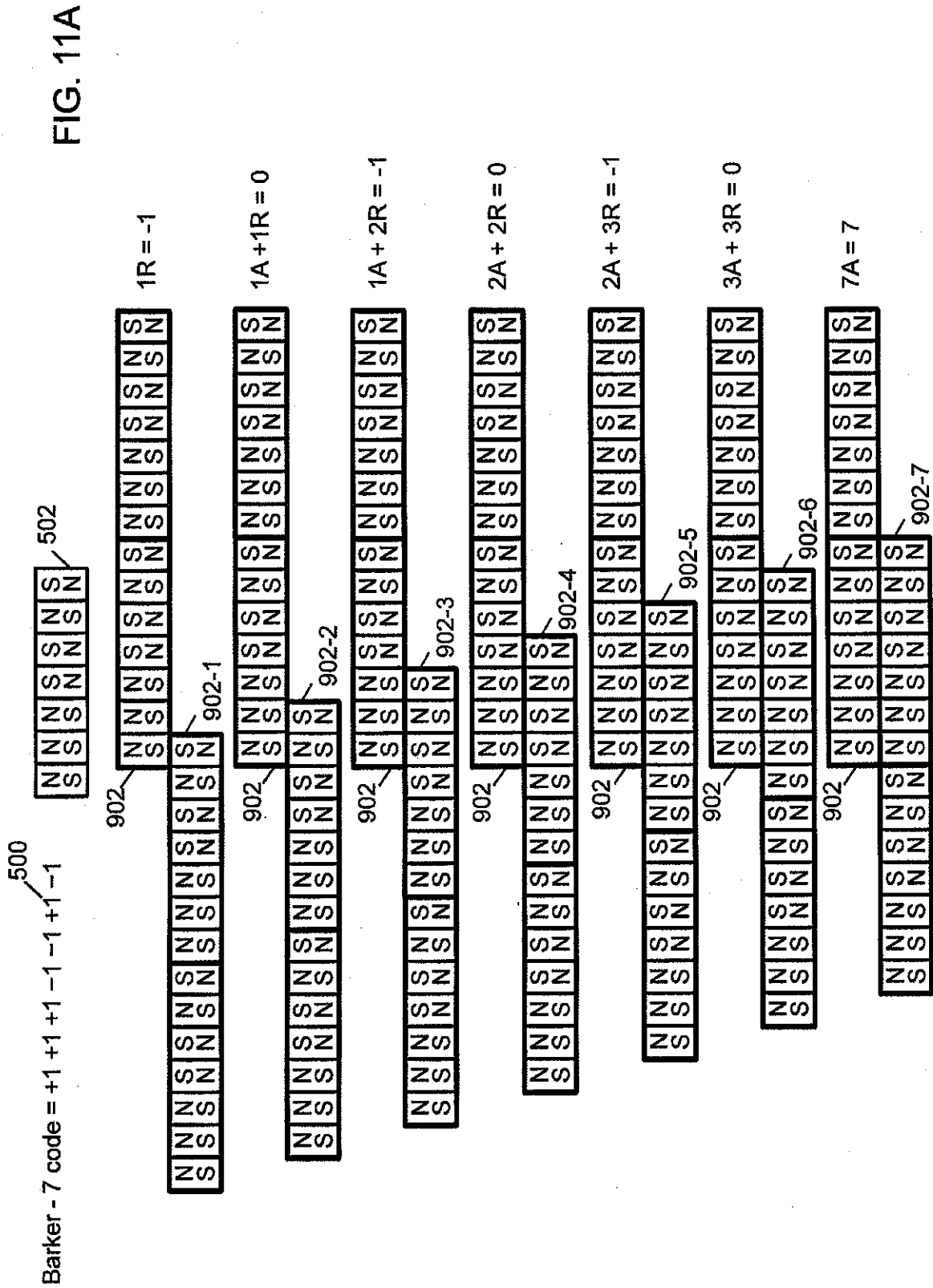


FIG. 11B

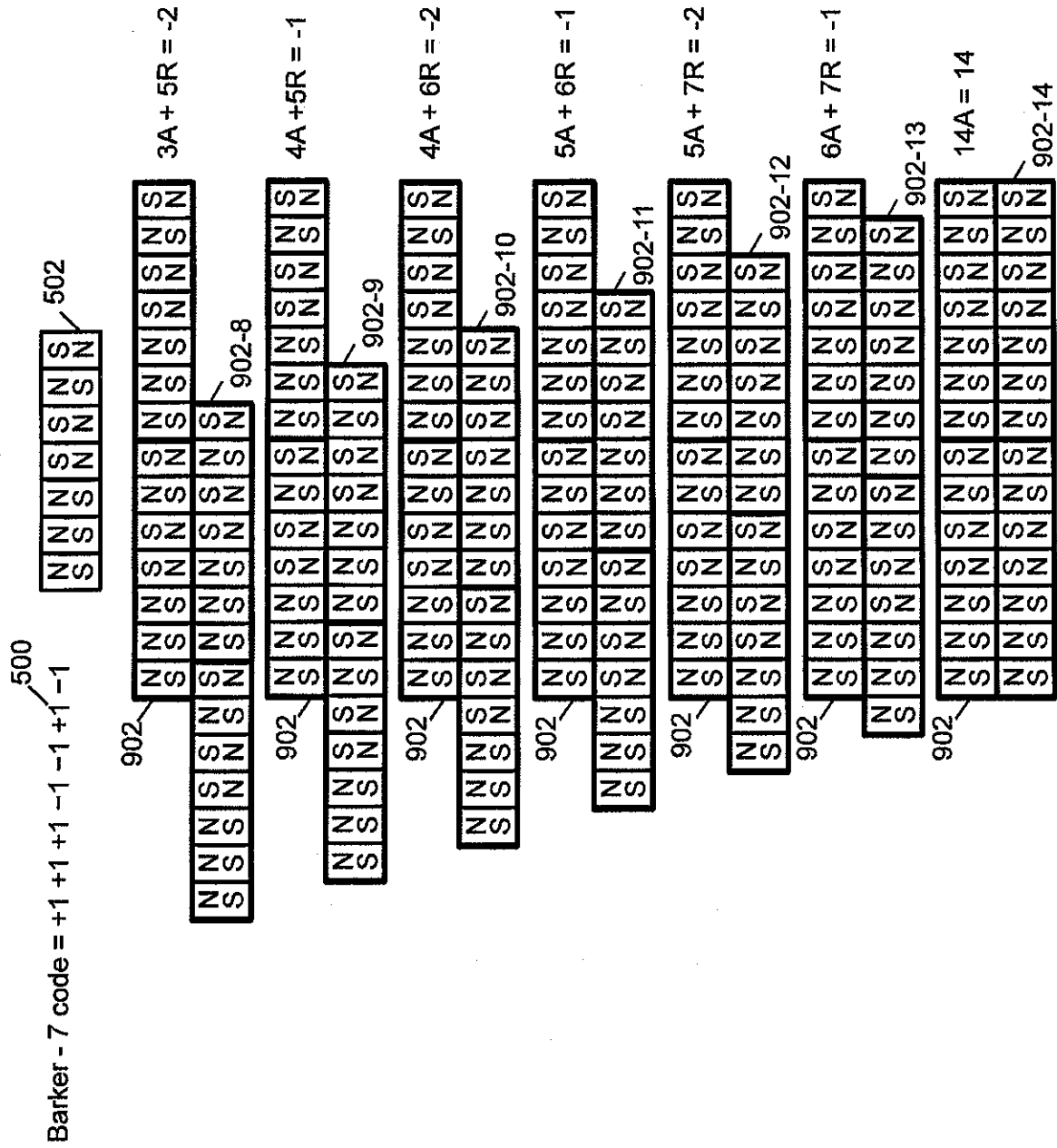
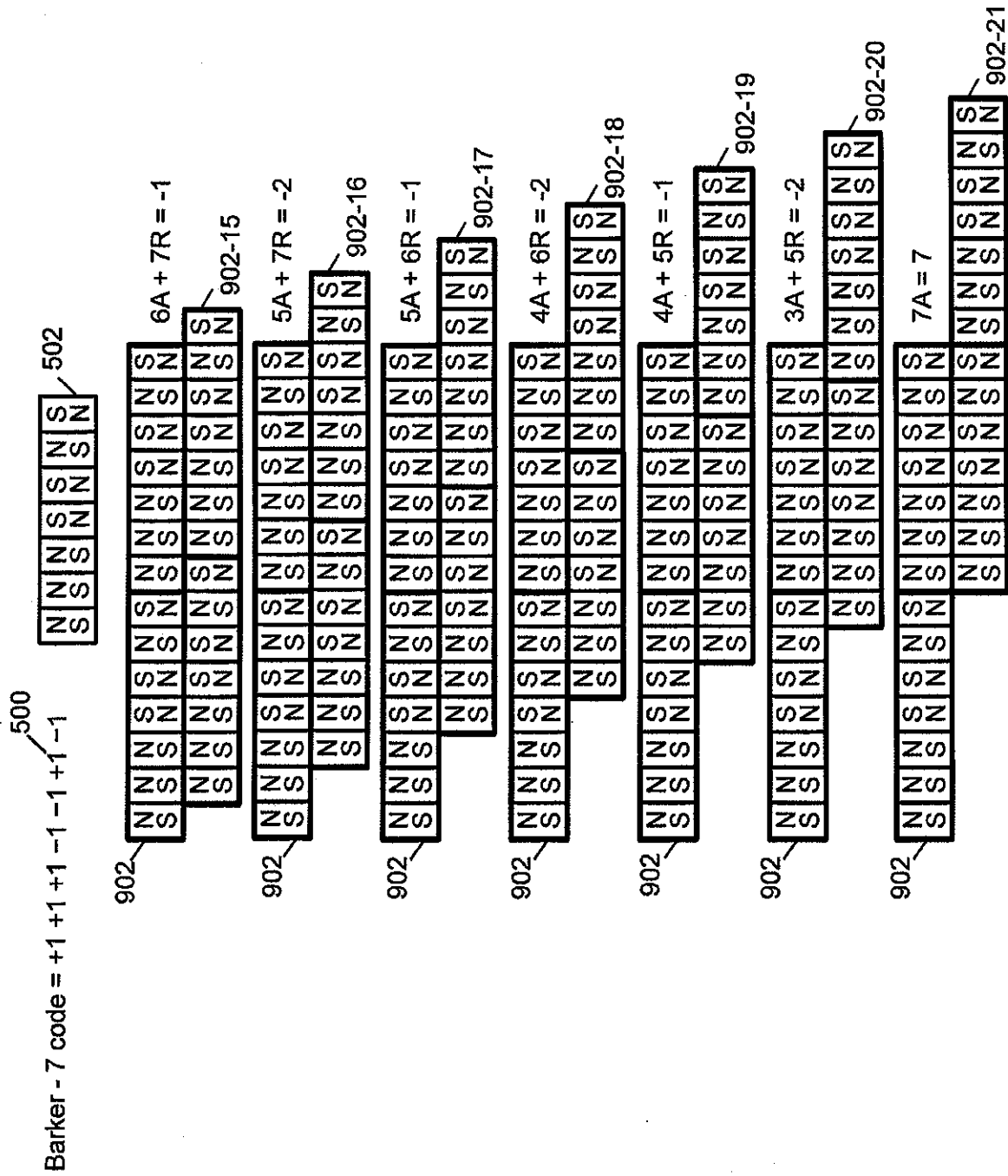


FIG. 11C



Barker - 7 code = +1 +1 +1 +1 -1 -1 +1 -1
 500
 FIG. 11D

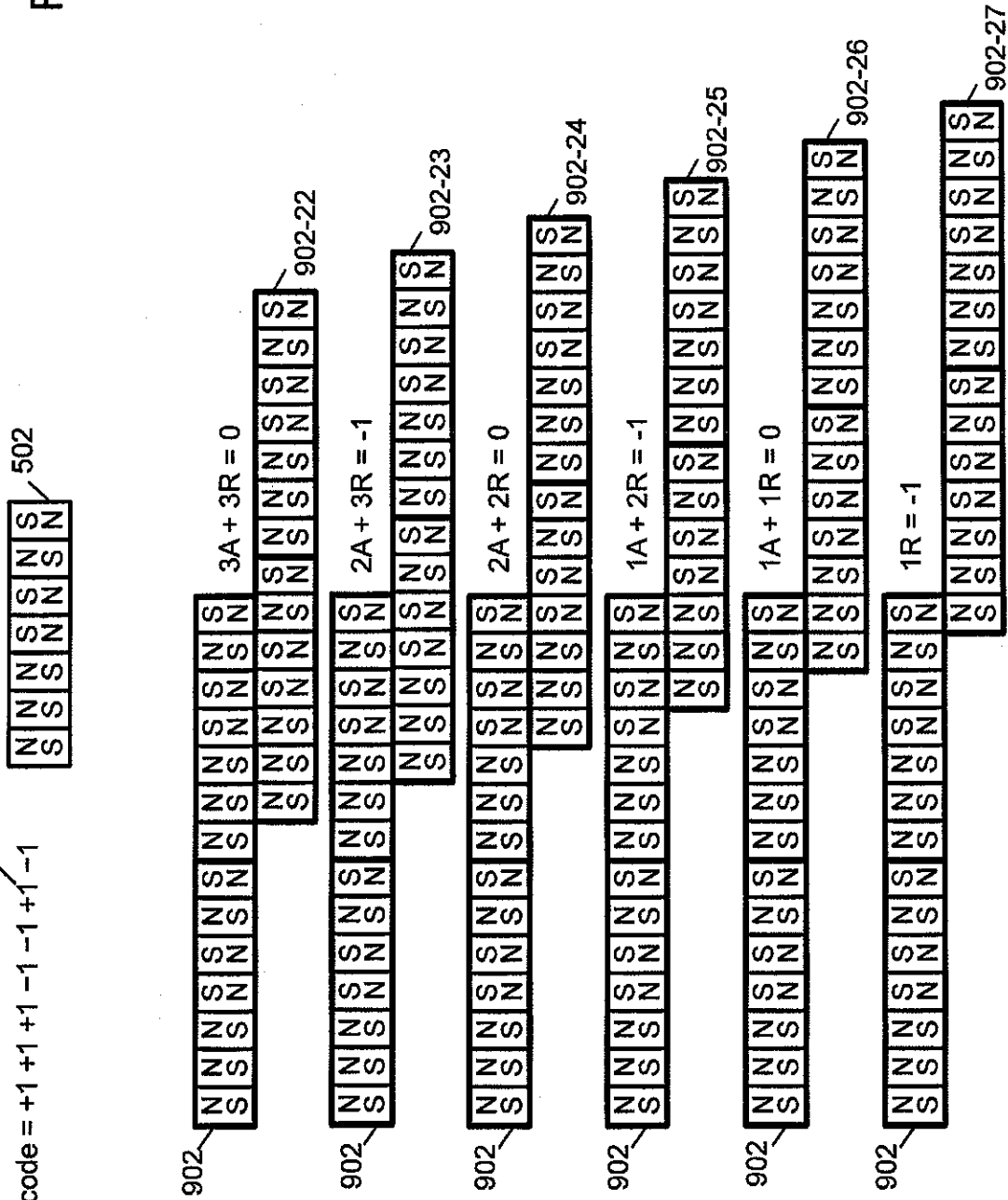


FIG. 12

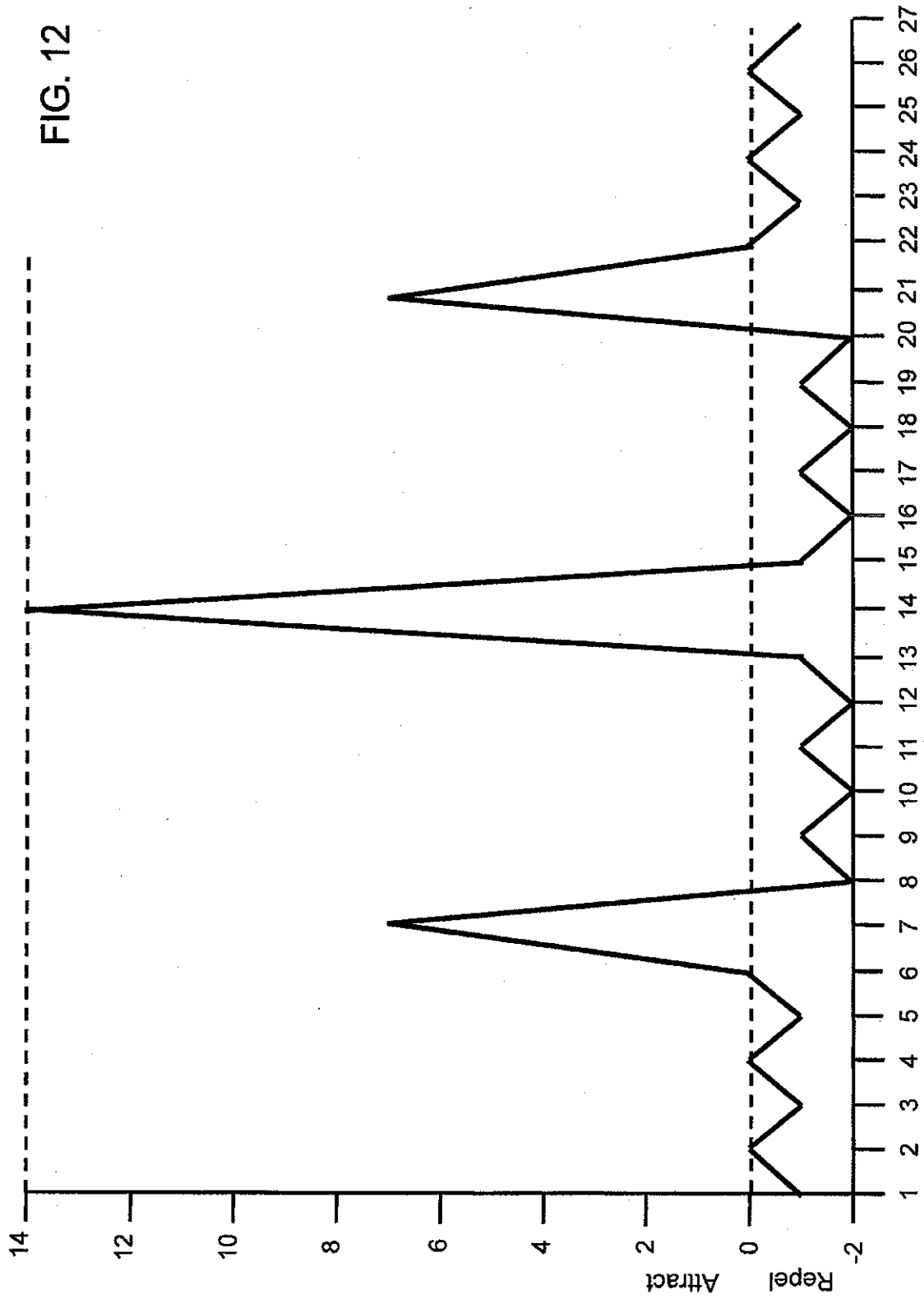
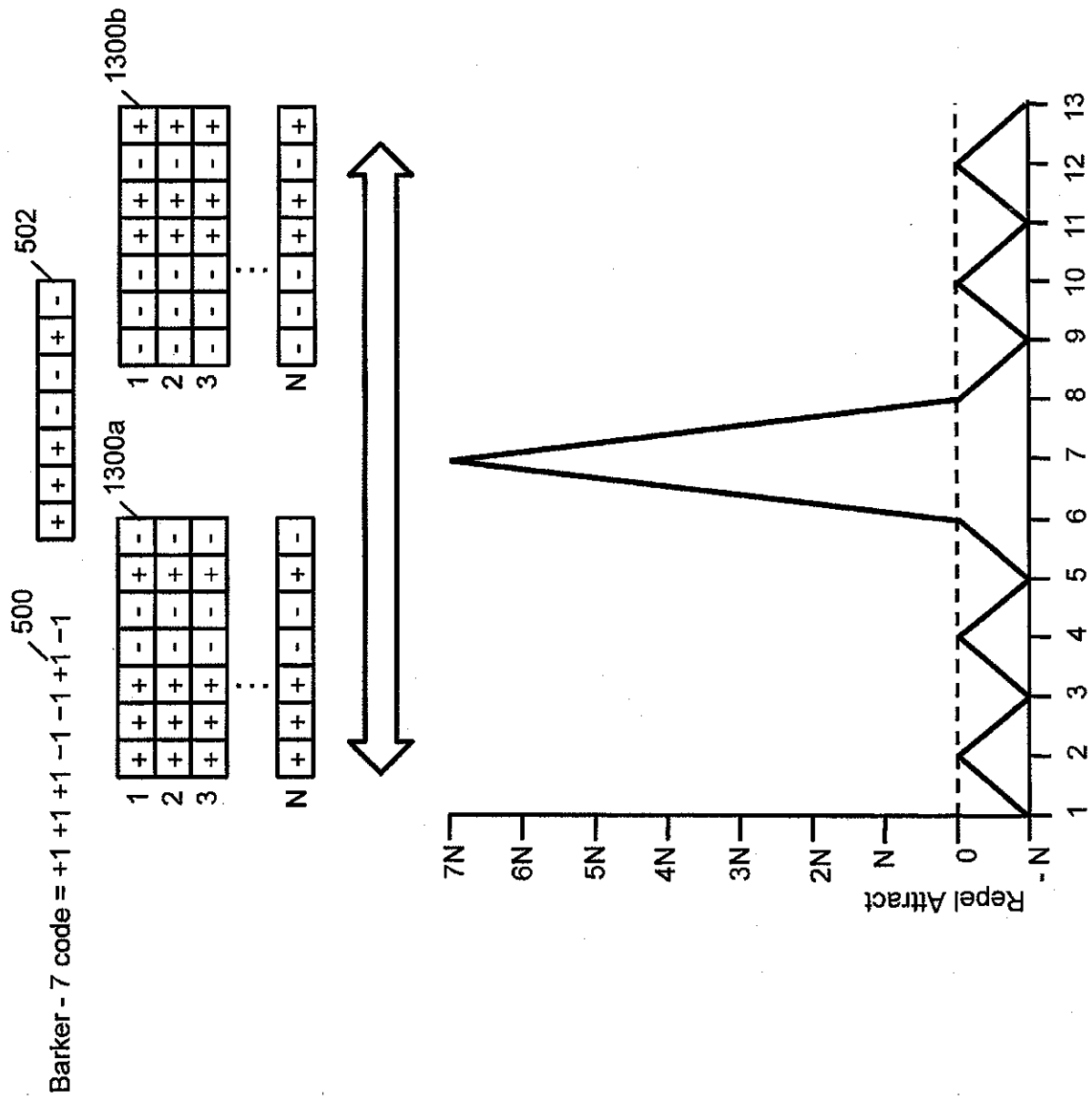


FIG. 13A



Barker 7x7 wrapped code:

+1 +1 +1 -1 -1 +1 -1 1400
 +1 +1 -1 -1 +1 -1 +1 /
 +1 -1 -1 +1 -1 +1 +1
 -1 -1 +1 -1 +1 +1 +1
 -1 +1 -1 +1 +1 -1 -1
 +1 -1 +1 +1 +1 -1 -1
 -1 +1 +1 +1 -1 -1 +1

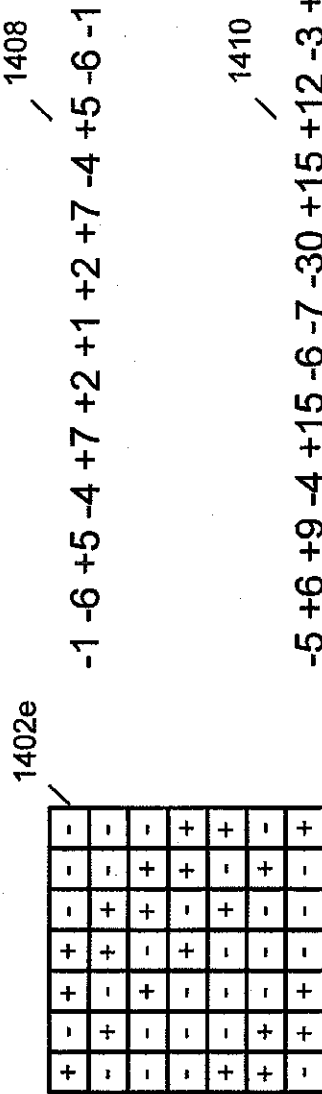
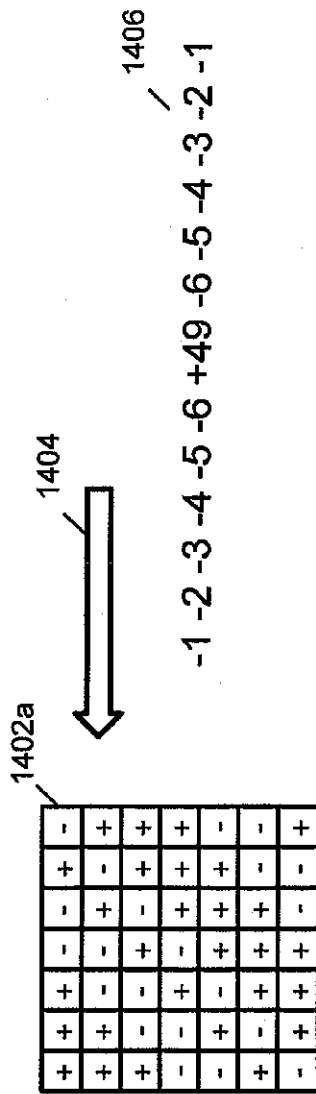


FIG. 14A

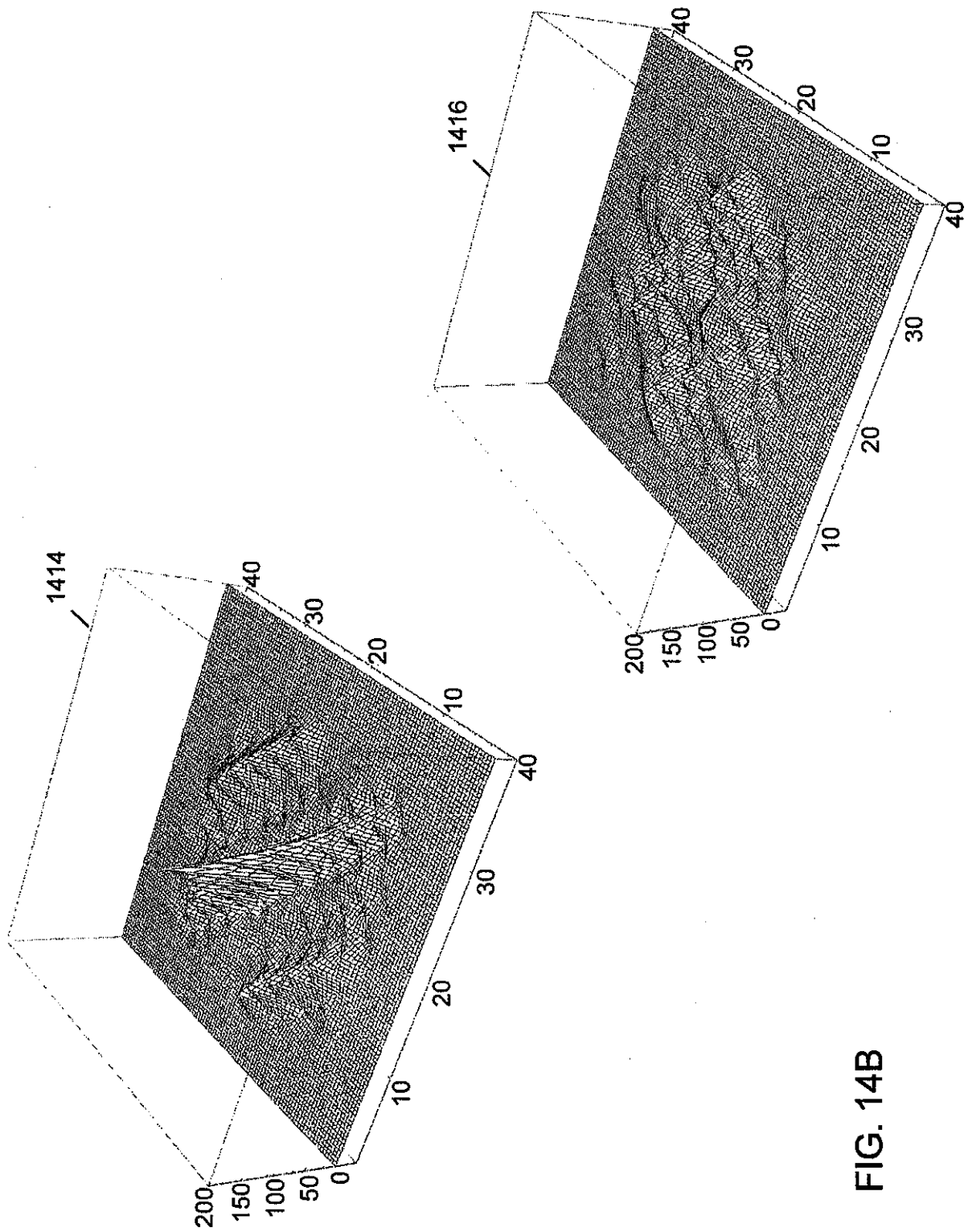


FIG. 14B

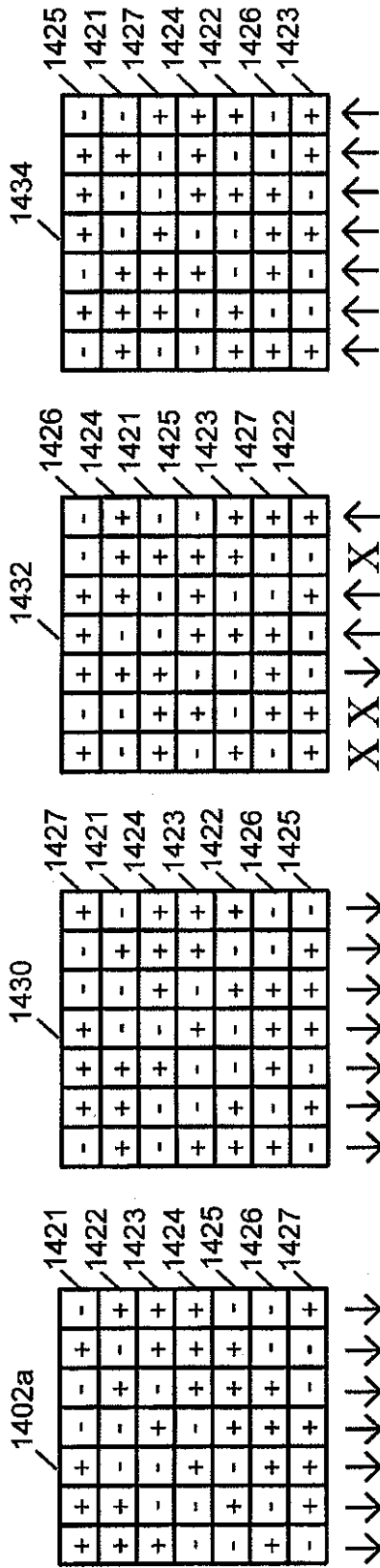


FIG. 14C

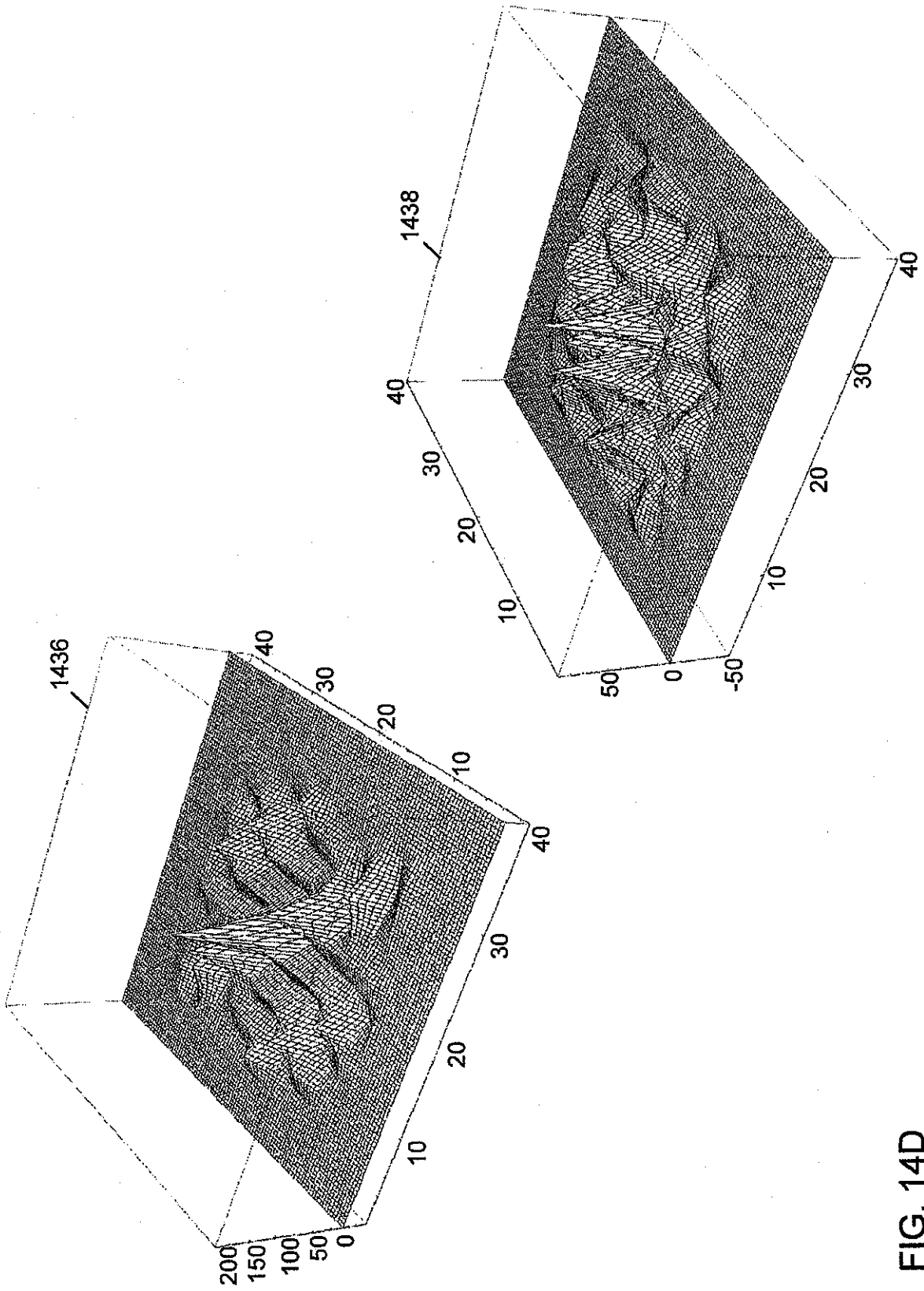


FIG. 14D

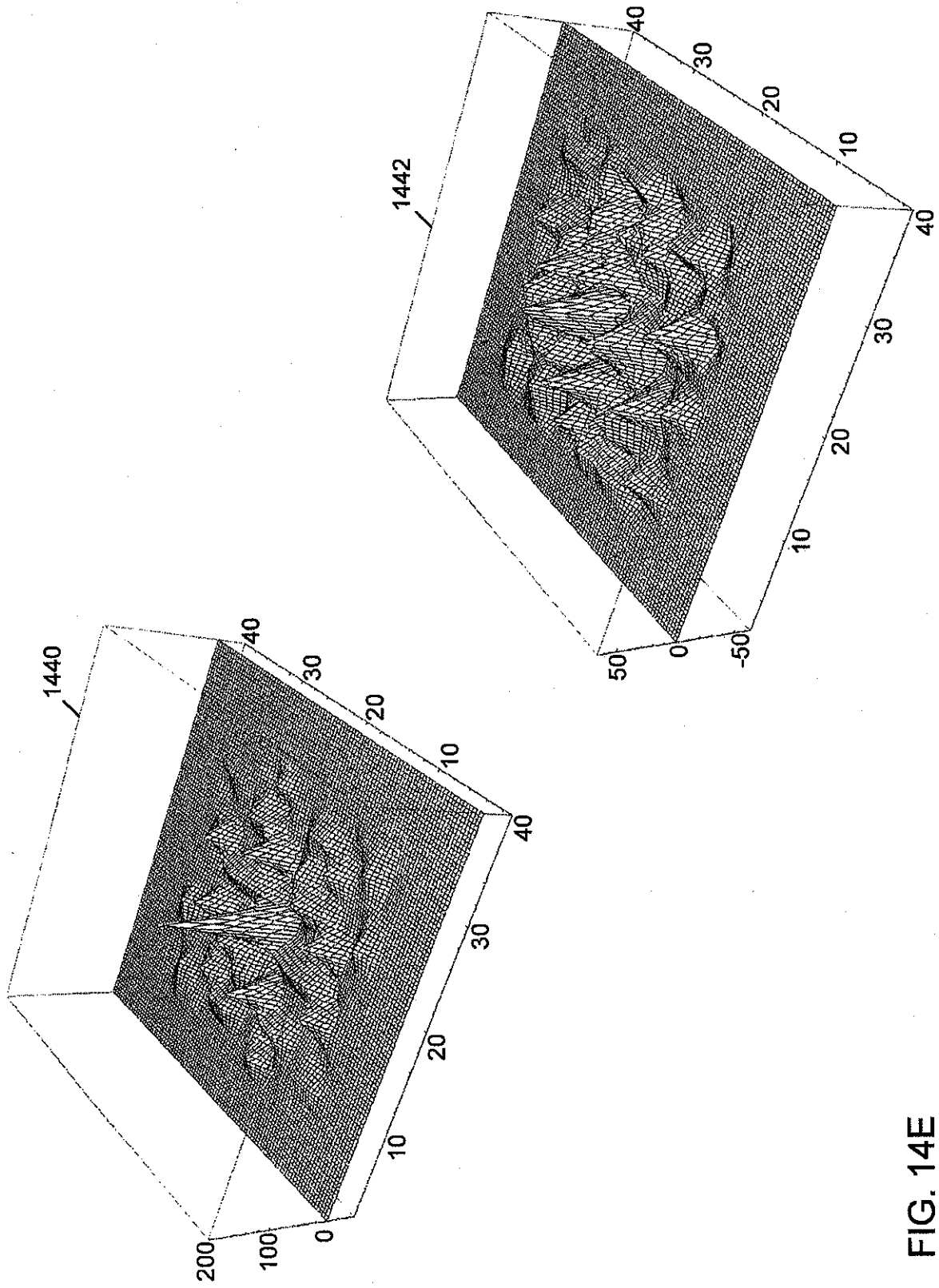
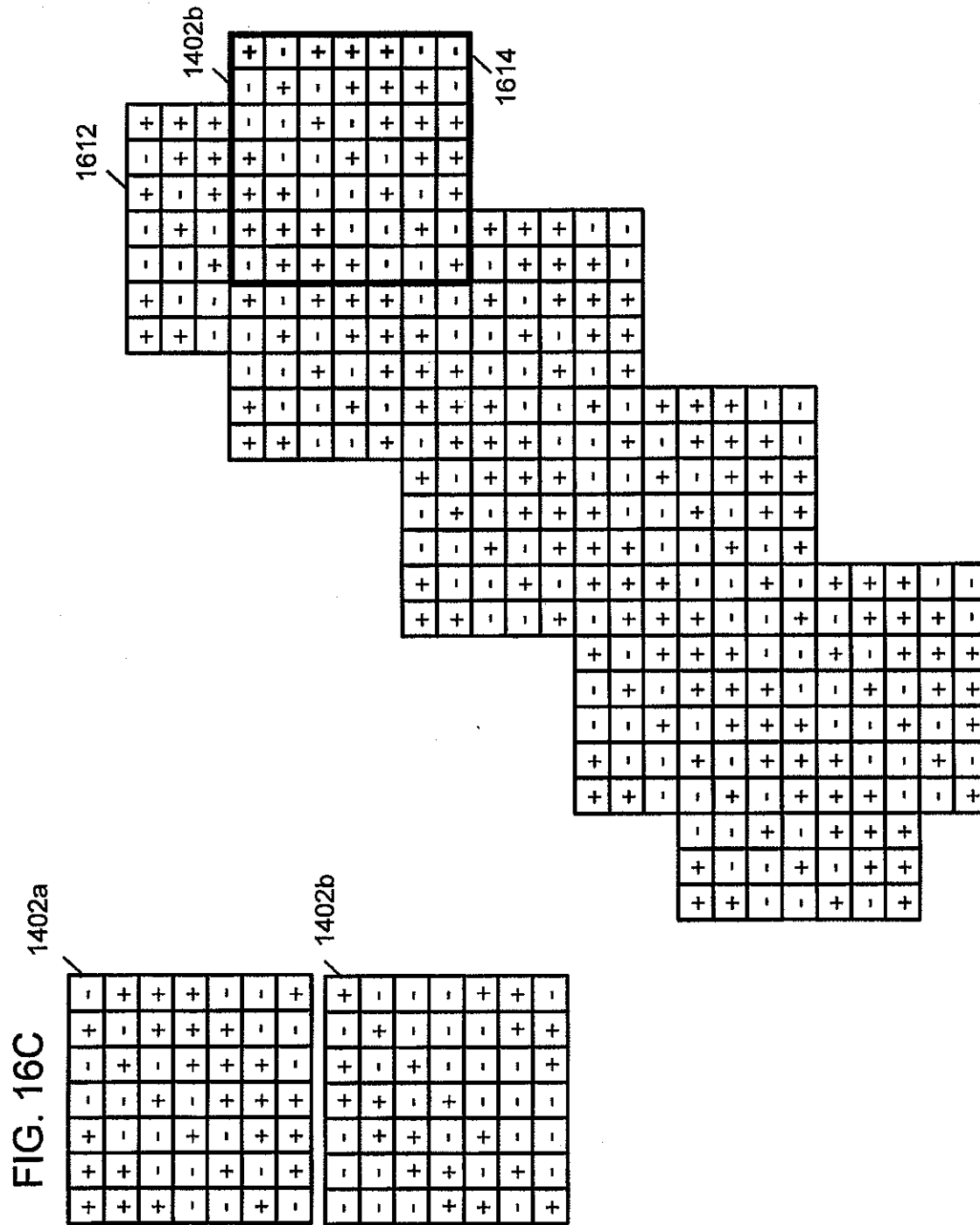
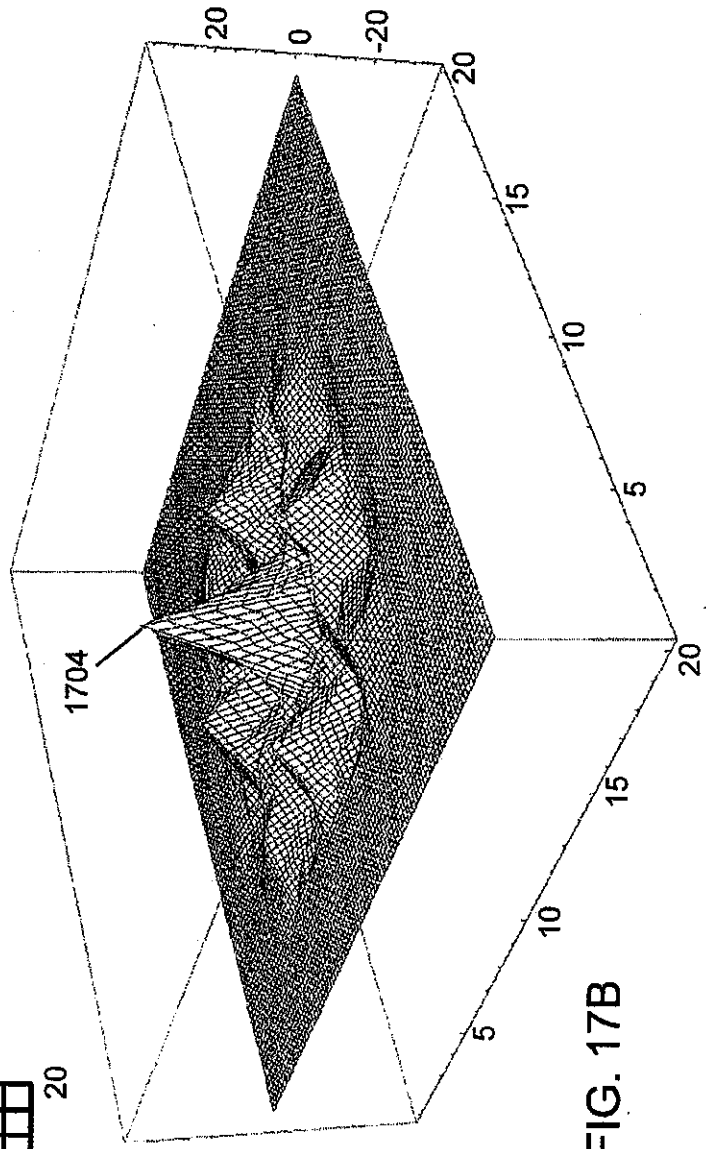
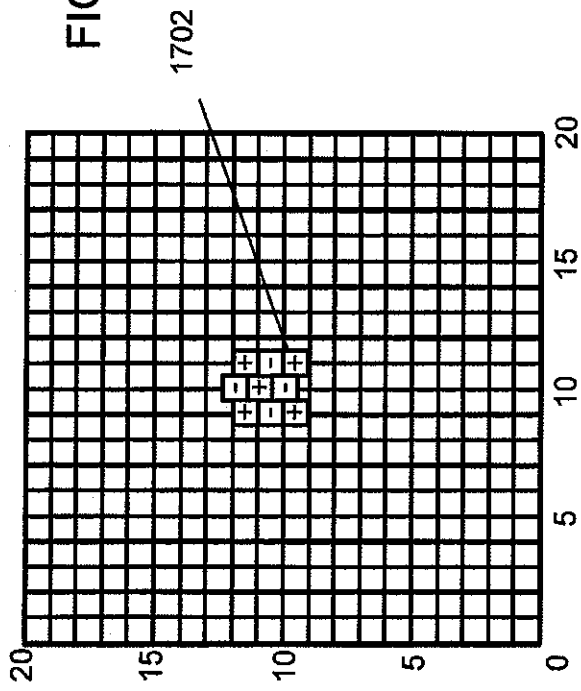
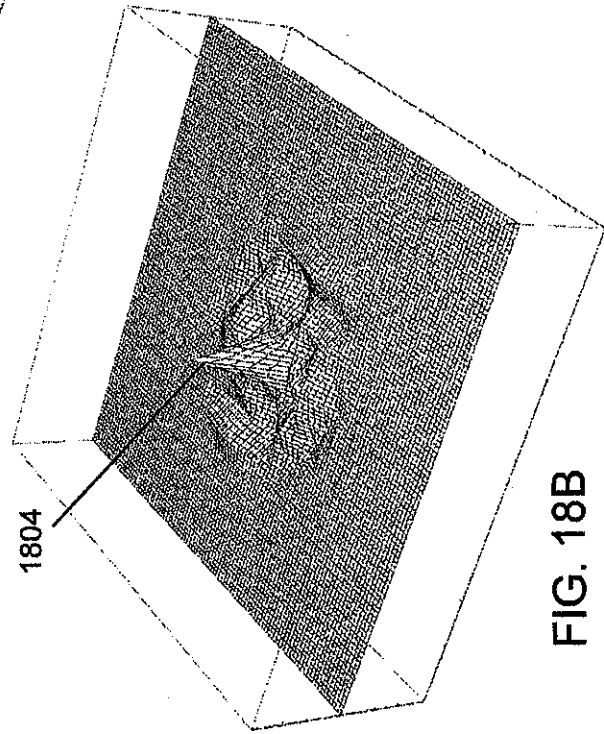
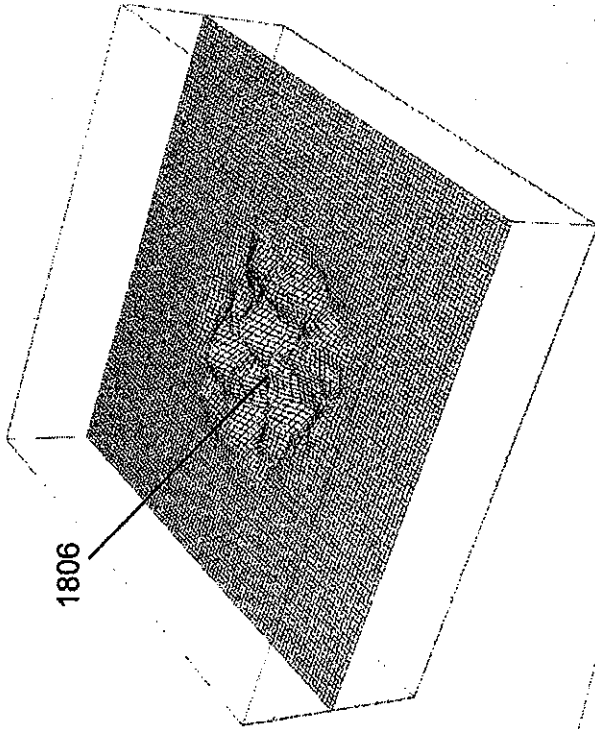
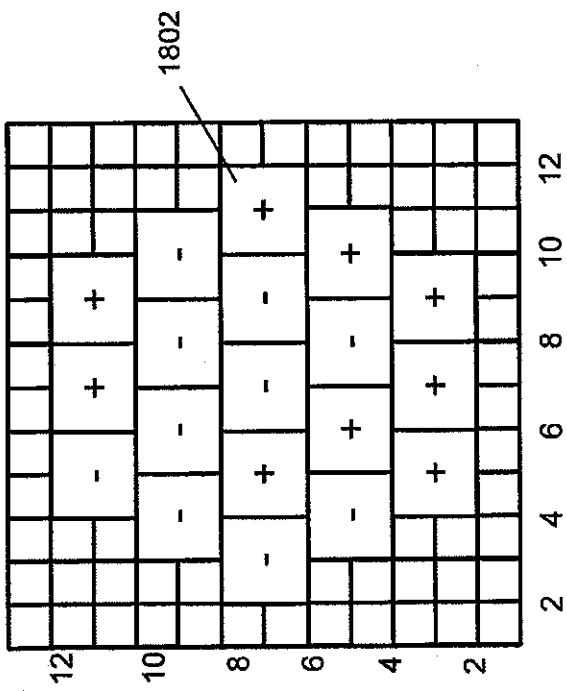
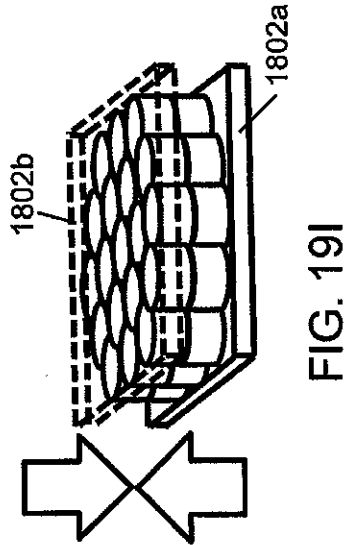
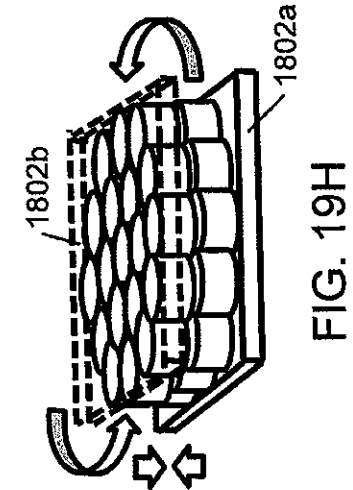
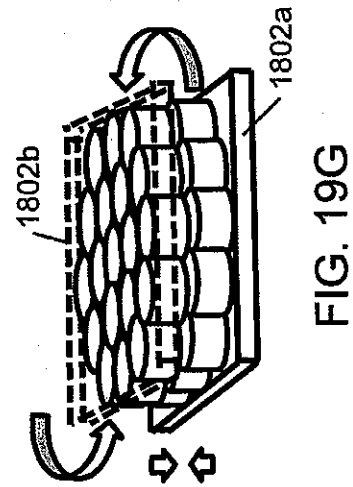
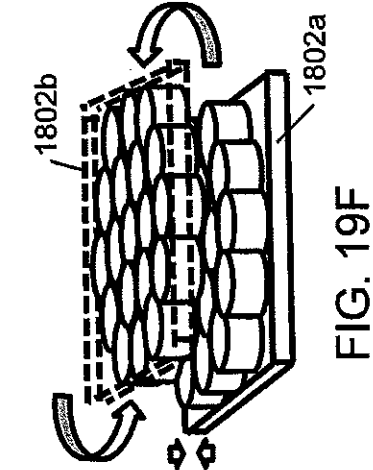
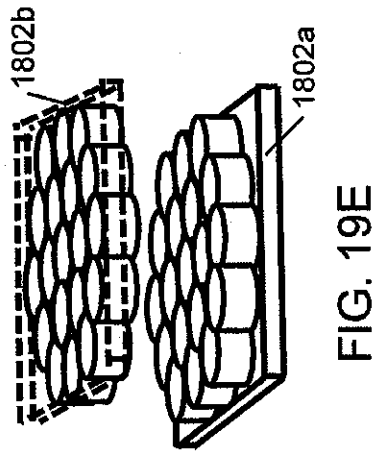
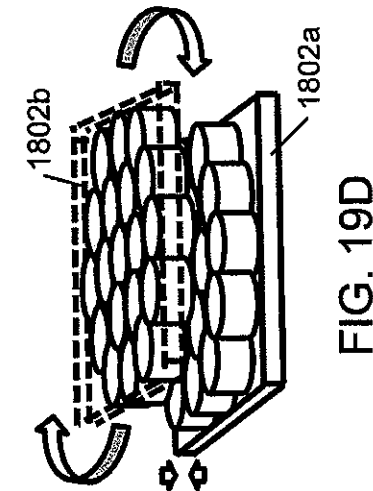
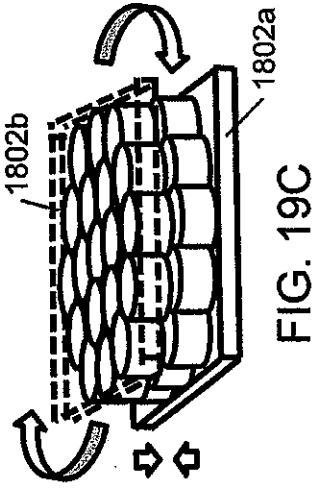
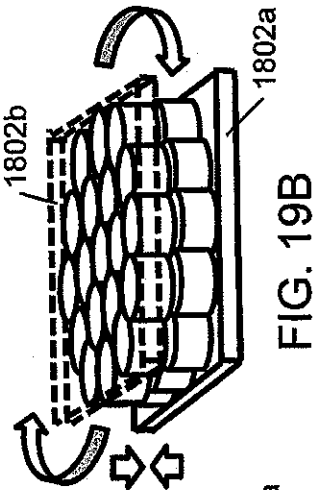
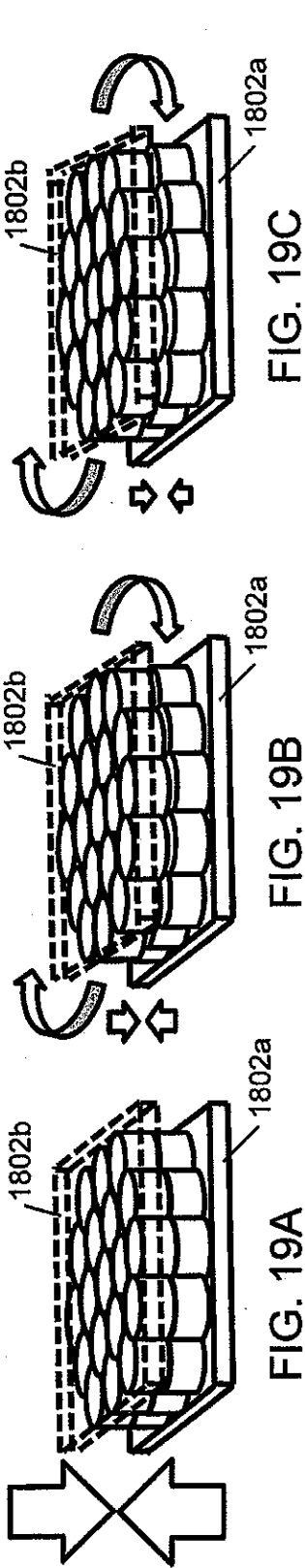


FIG. 14E









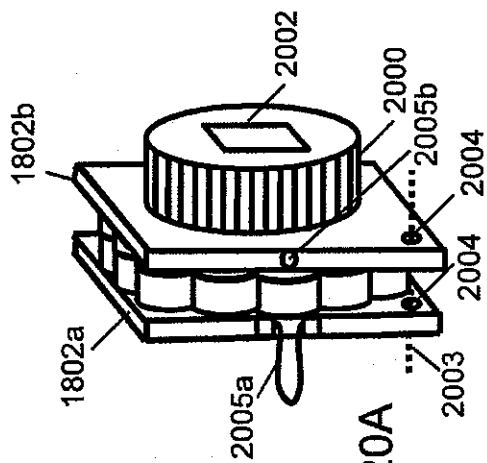


FIG. 20A

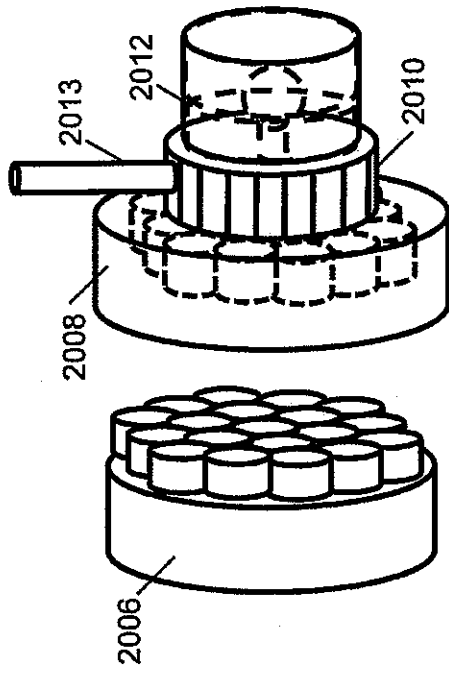


FIG. 20B

2014

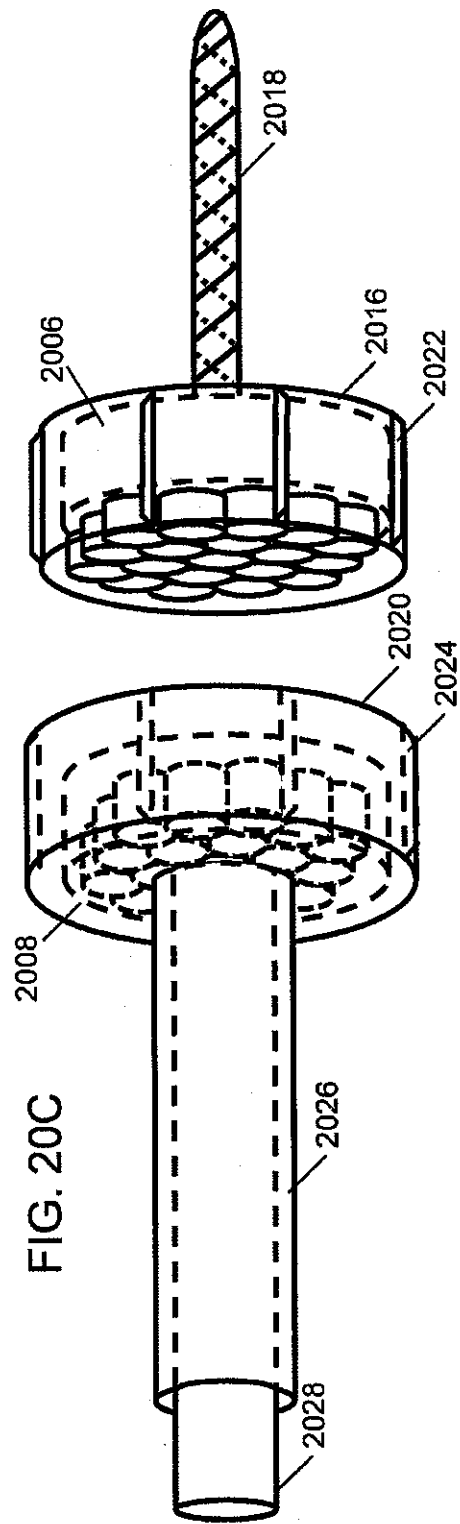


FIG. 20C

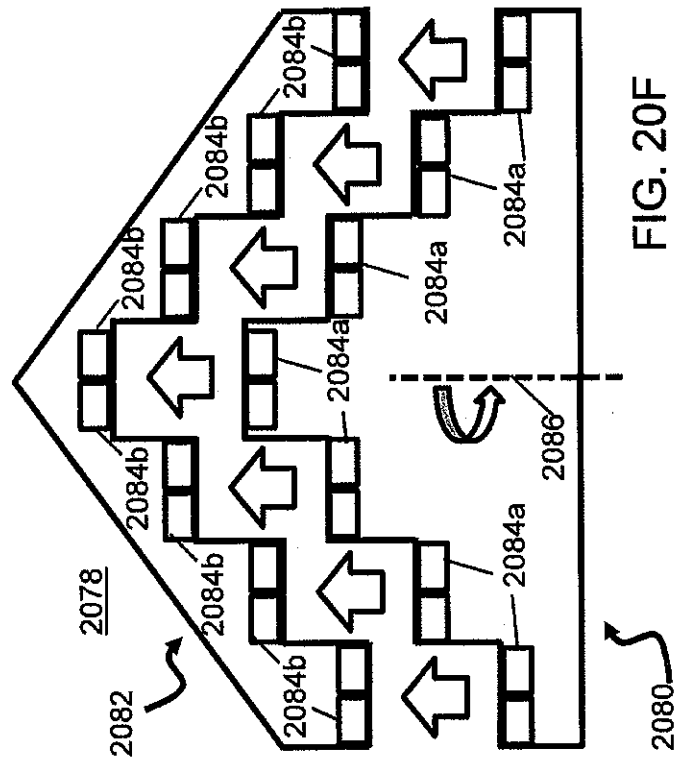
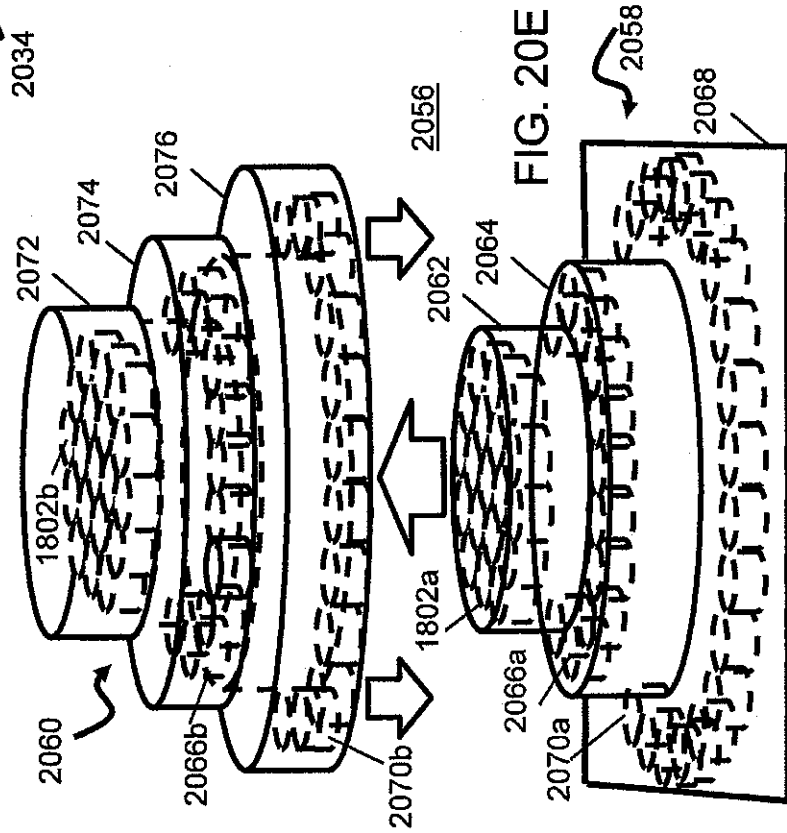
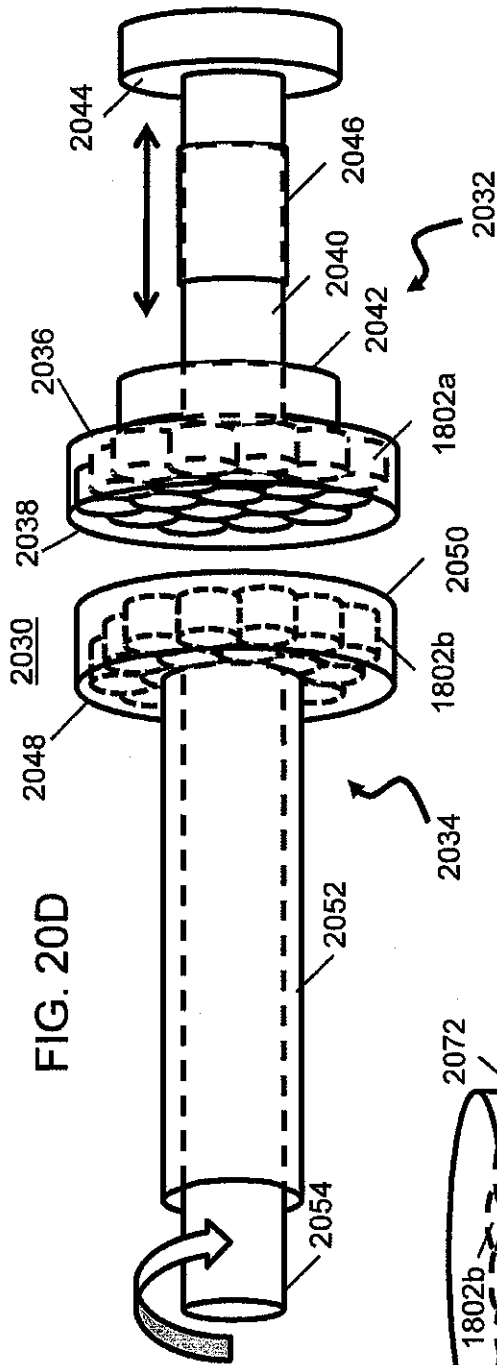


FIG. 20G

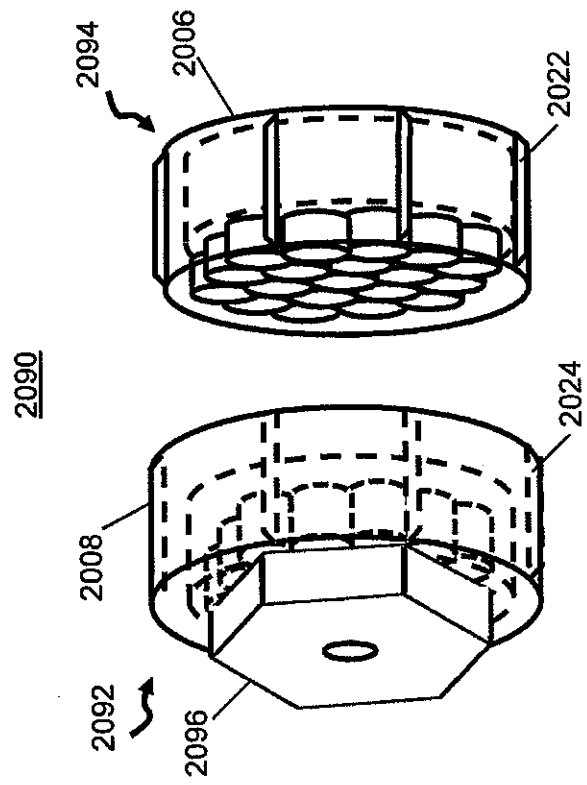
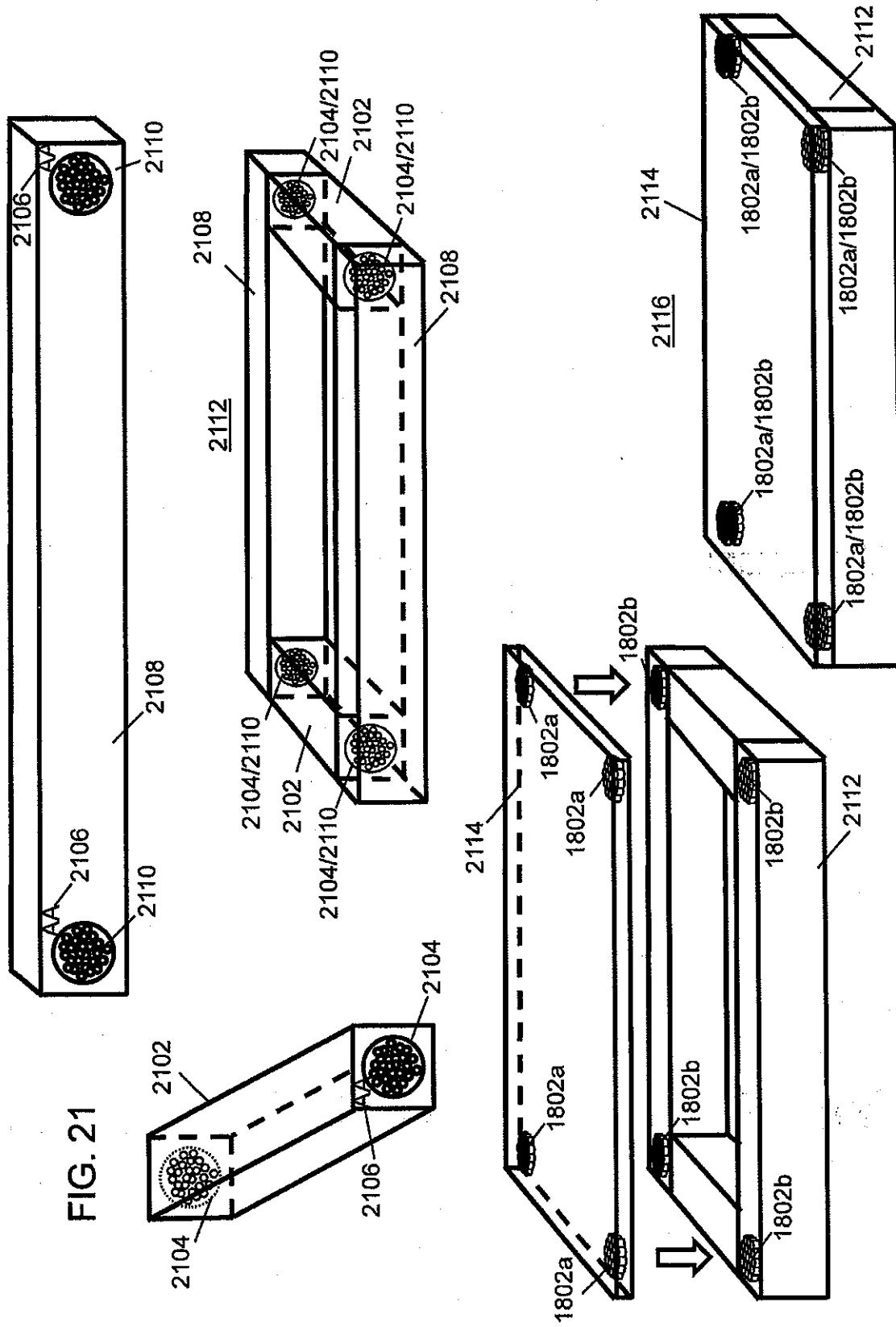


FIG. 21



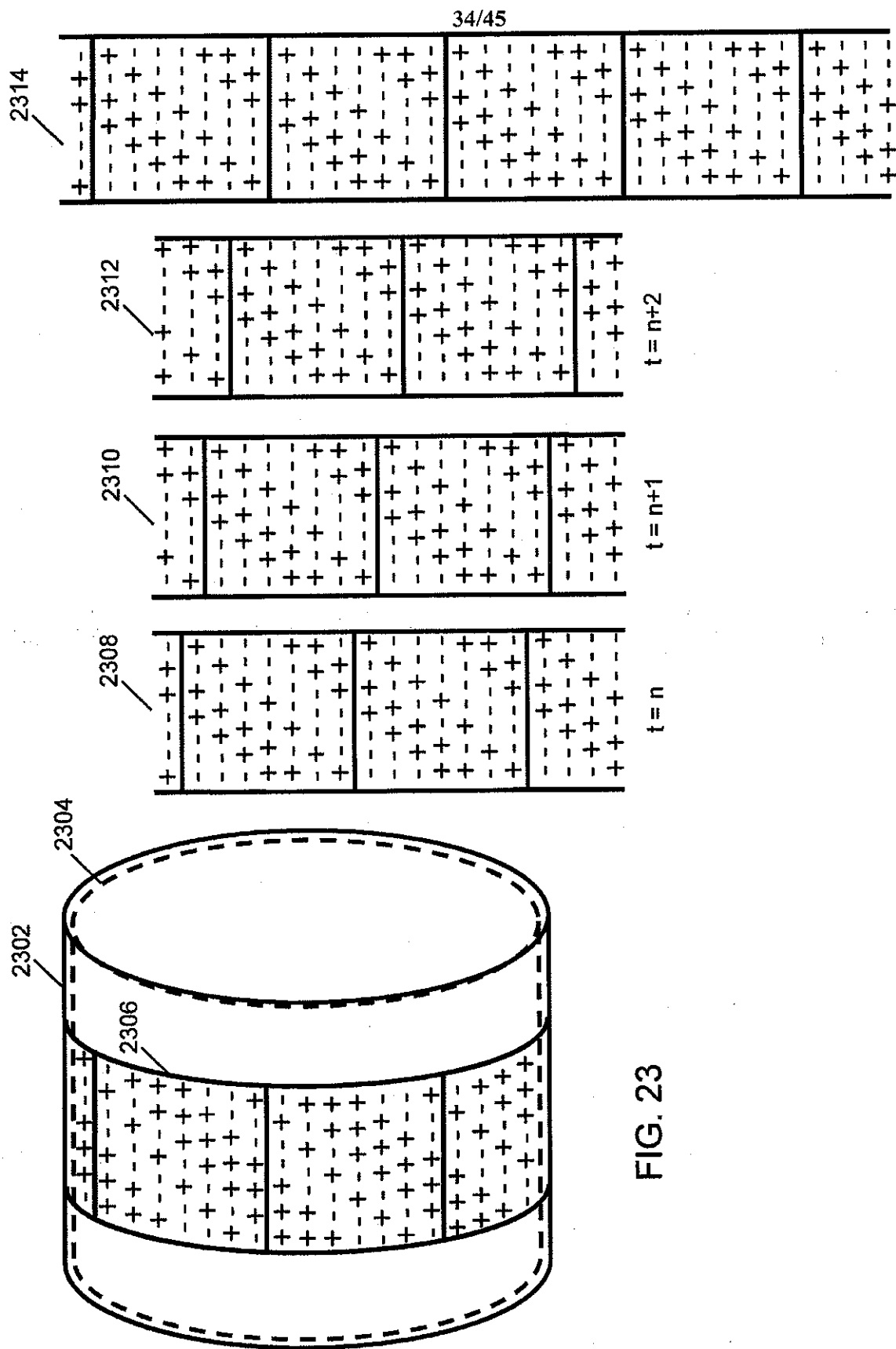
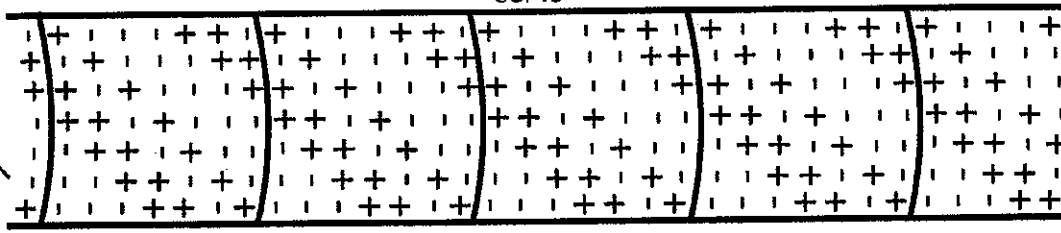
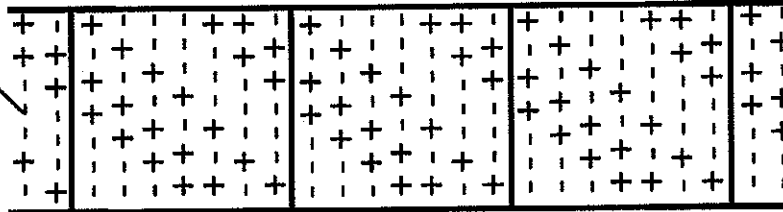


FIG. 23

2414

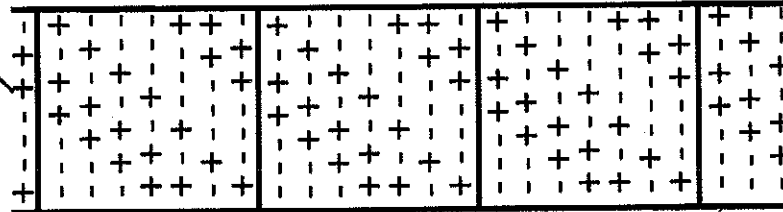


2412



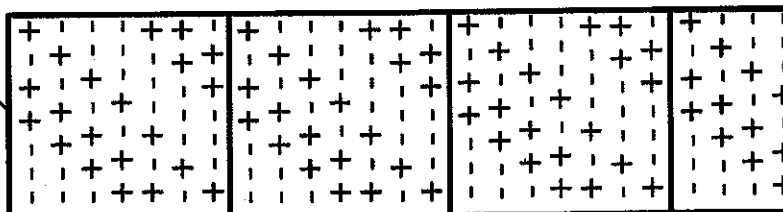
$t = n+2$

2410



$t = n+1$

2408



$t = n$

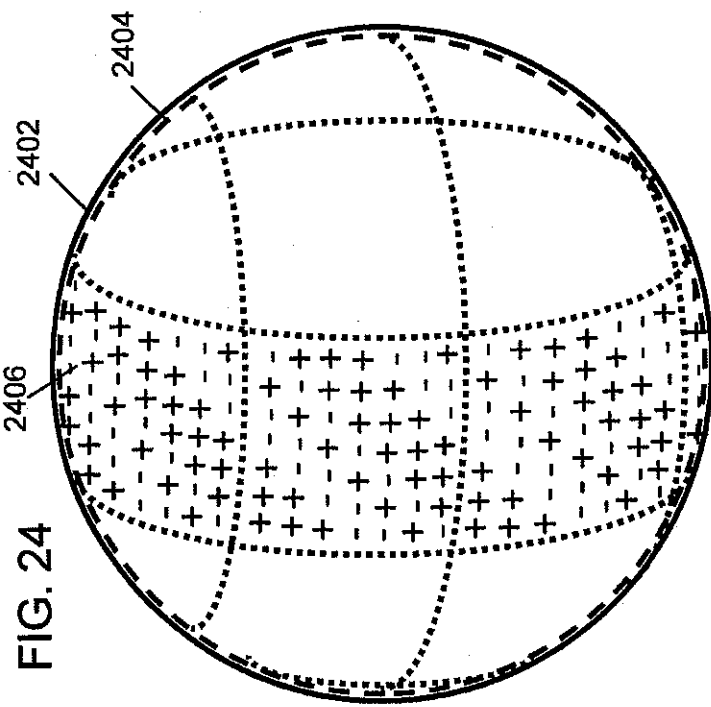
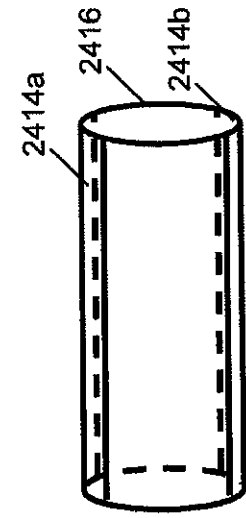


FIG. 24



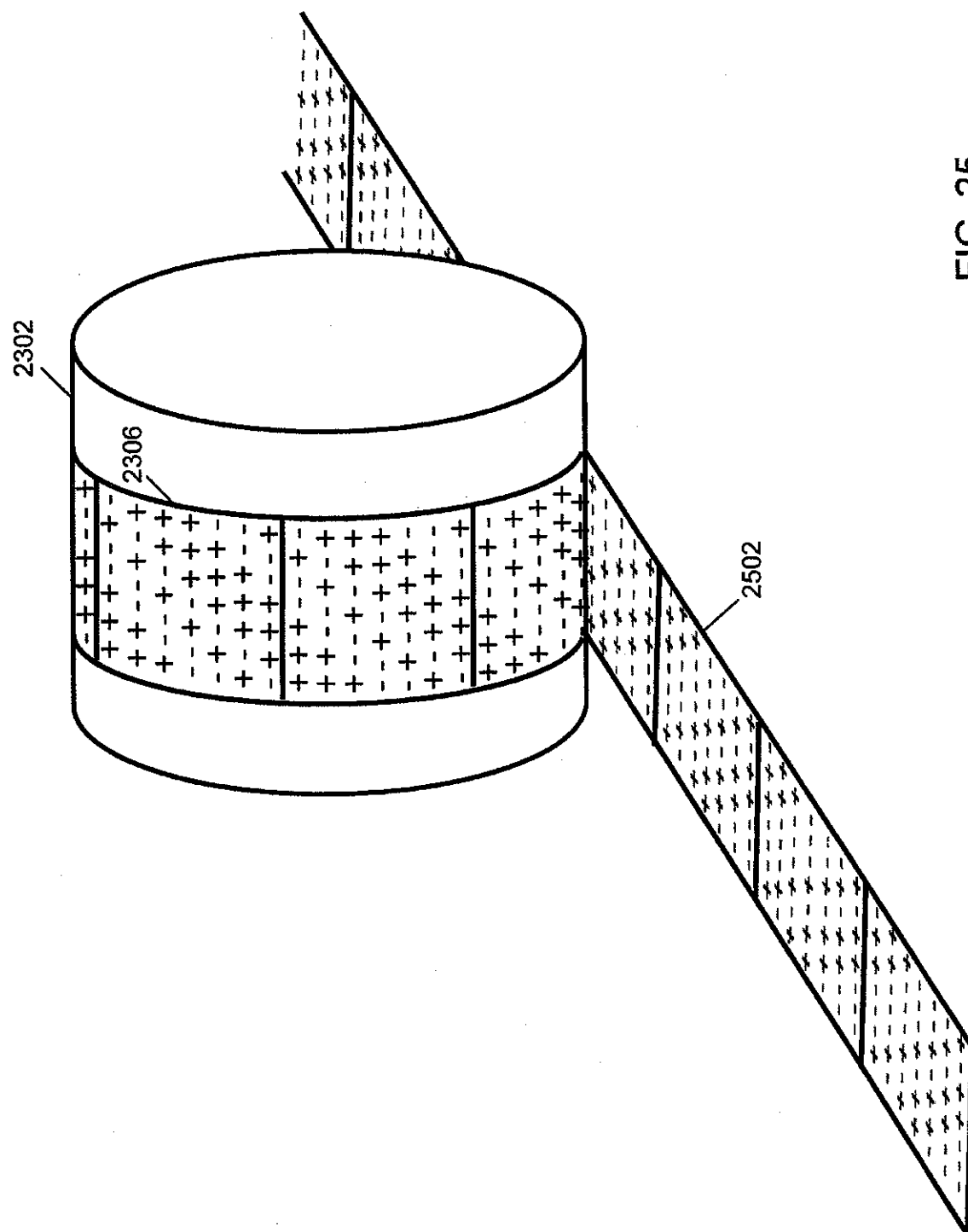
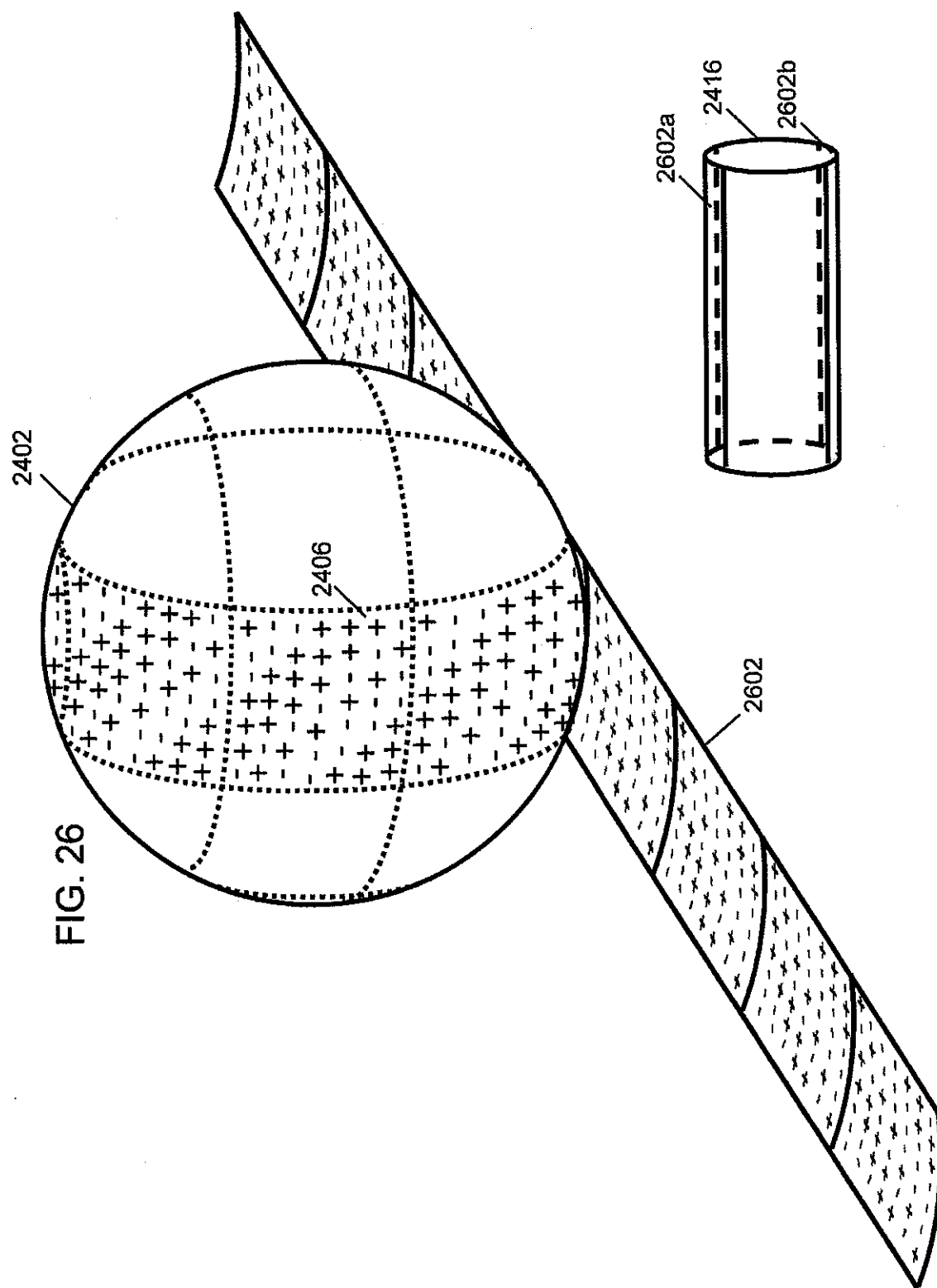


FIG. 25



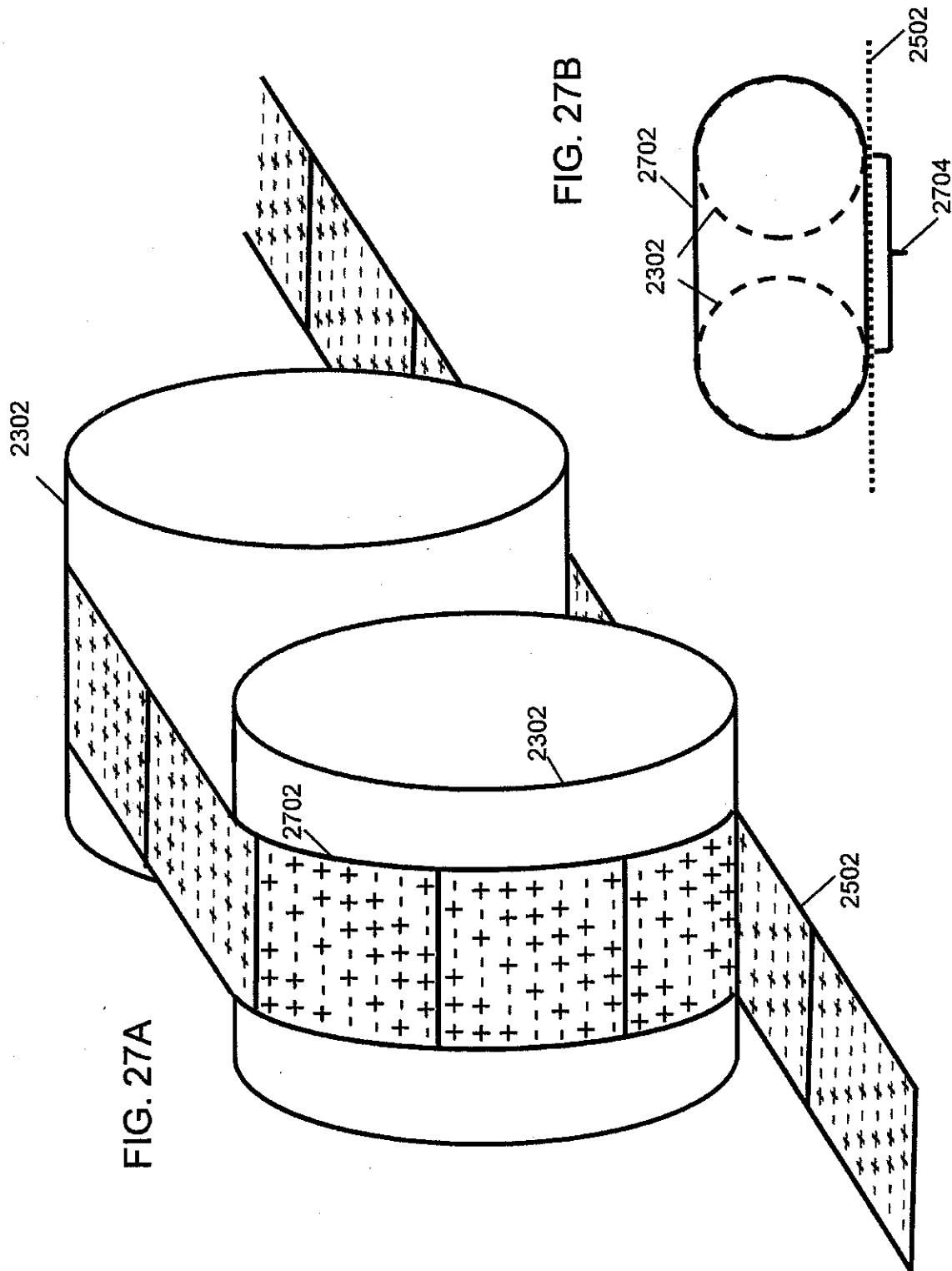


FIG. 28A

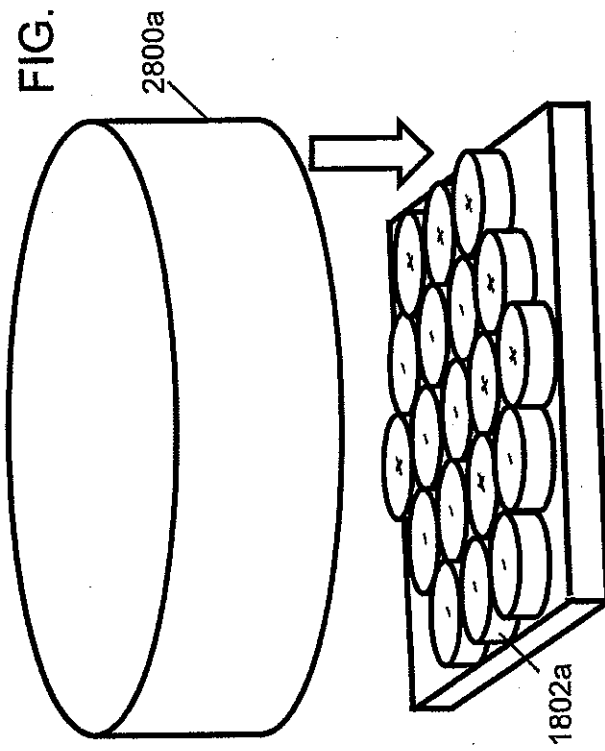


FIG. 28B

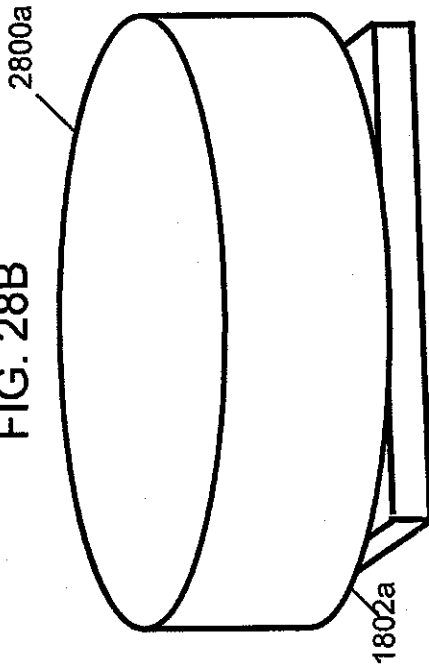


FIG. 28C

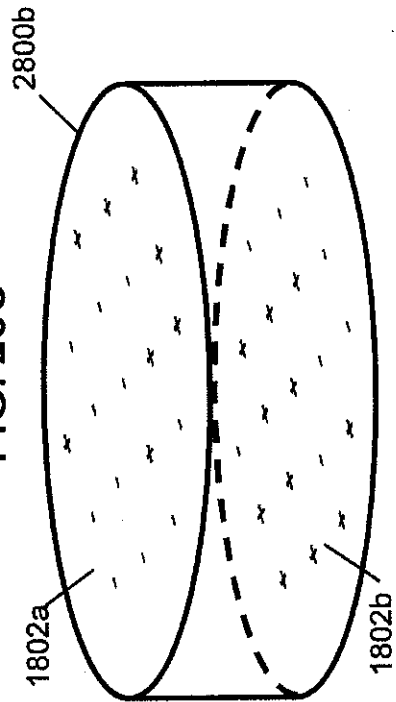


FIG. 28D

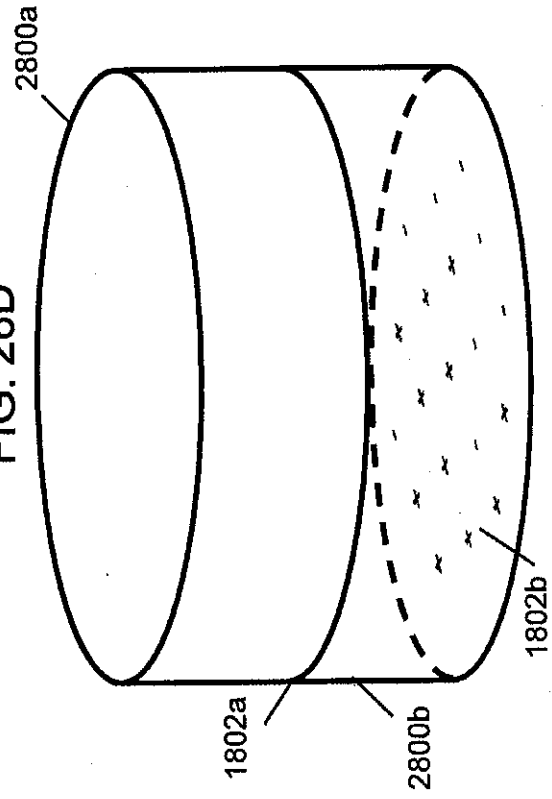


FIG. 29

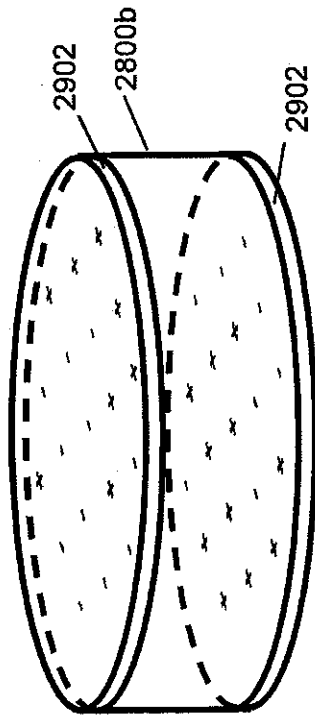


FIG. 30A

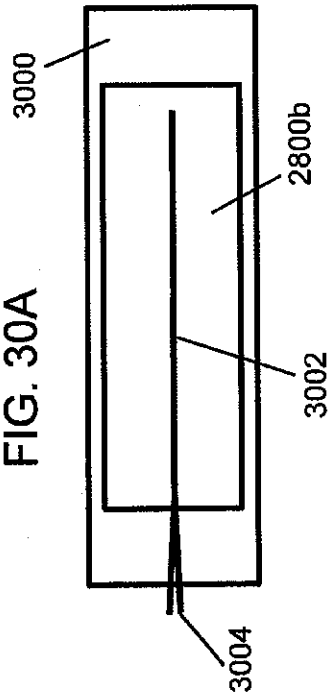


FIG. 30B

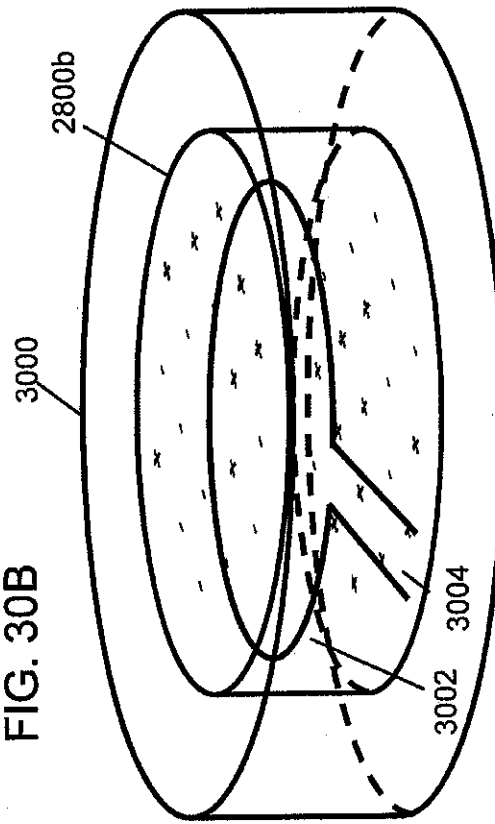
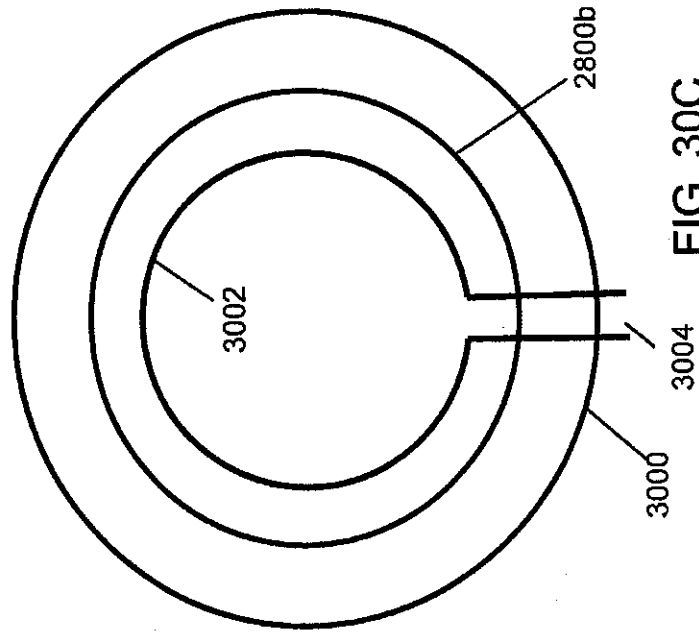


FIG. 30C



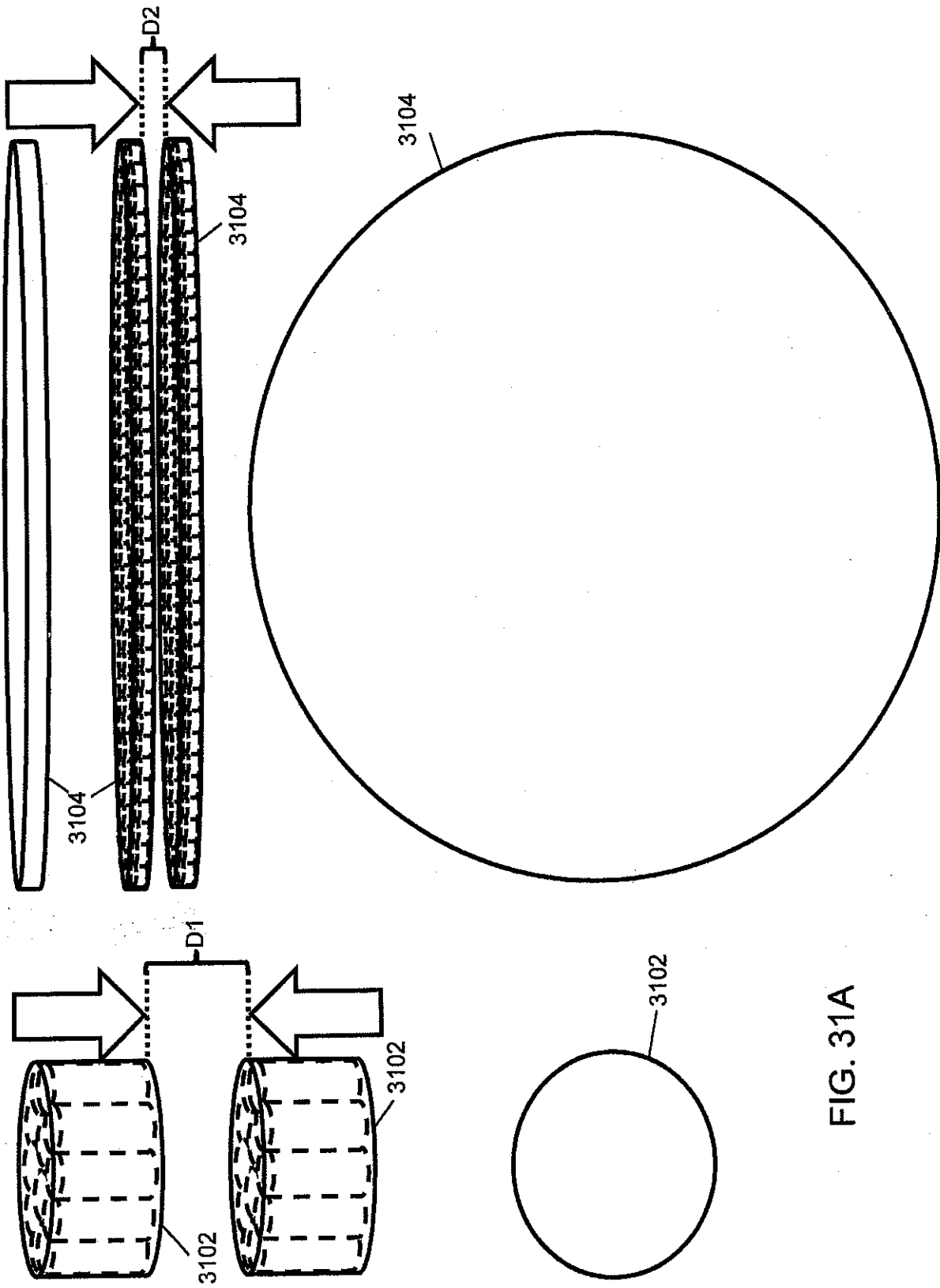


FIG. 31A

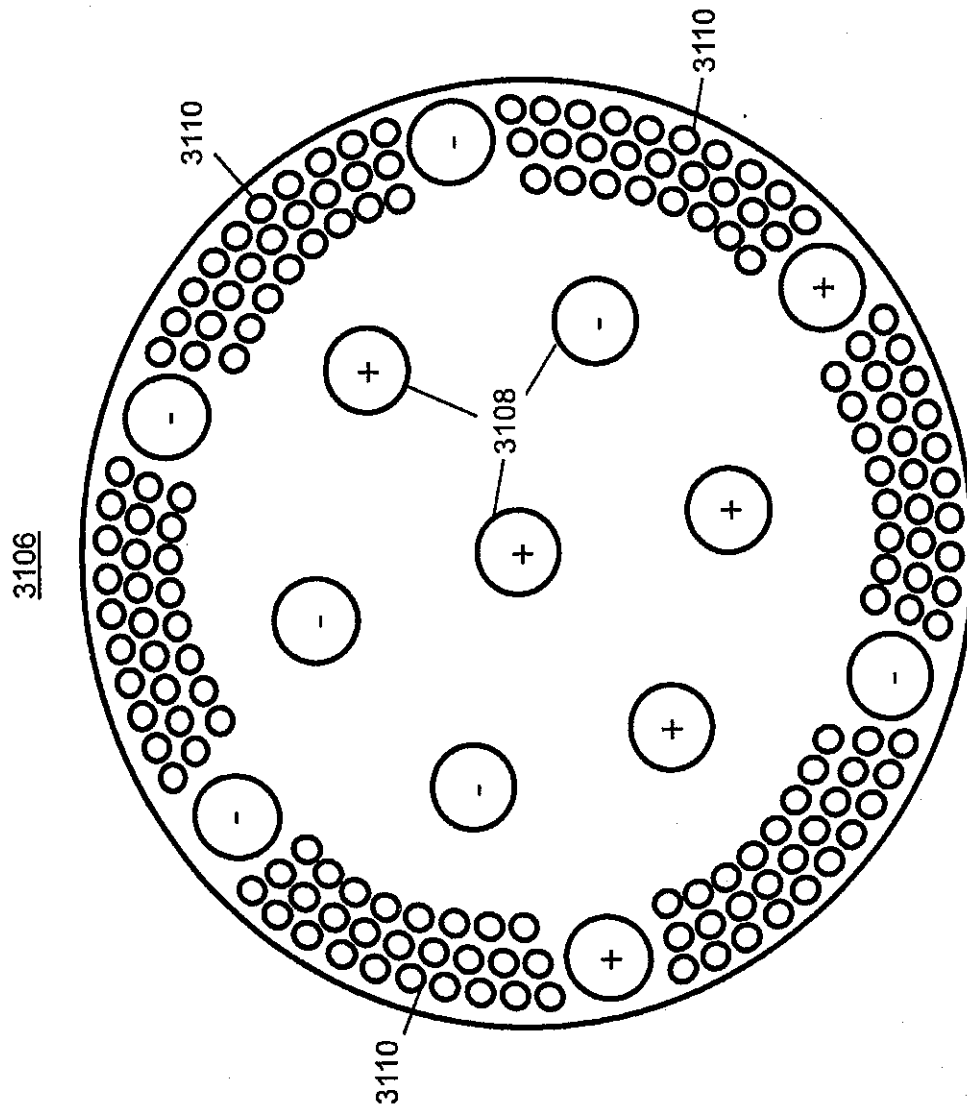
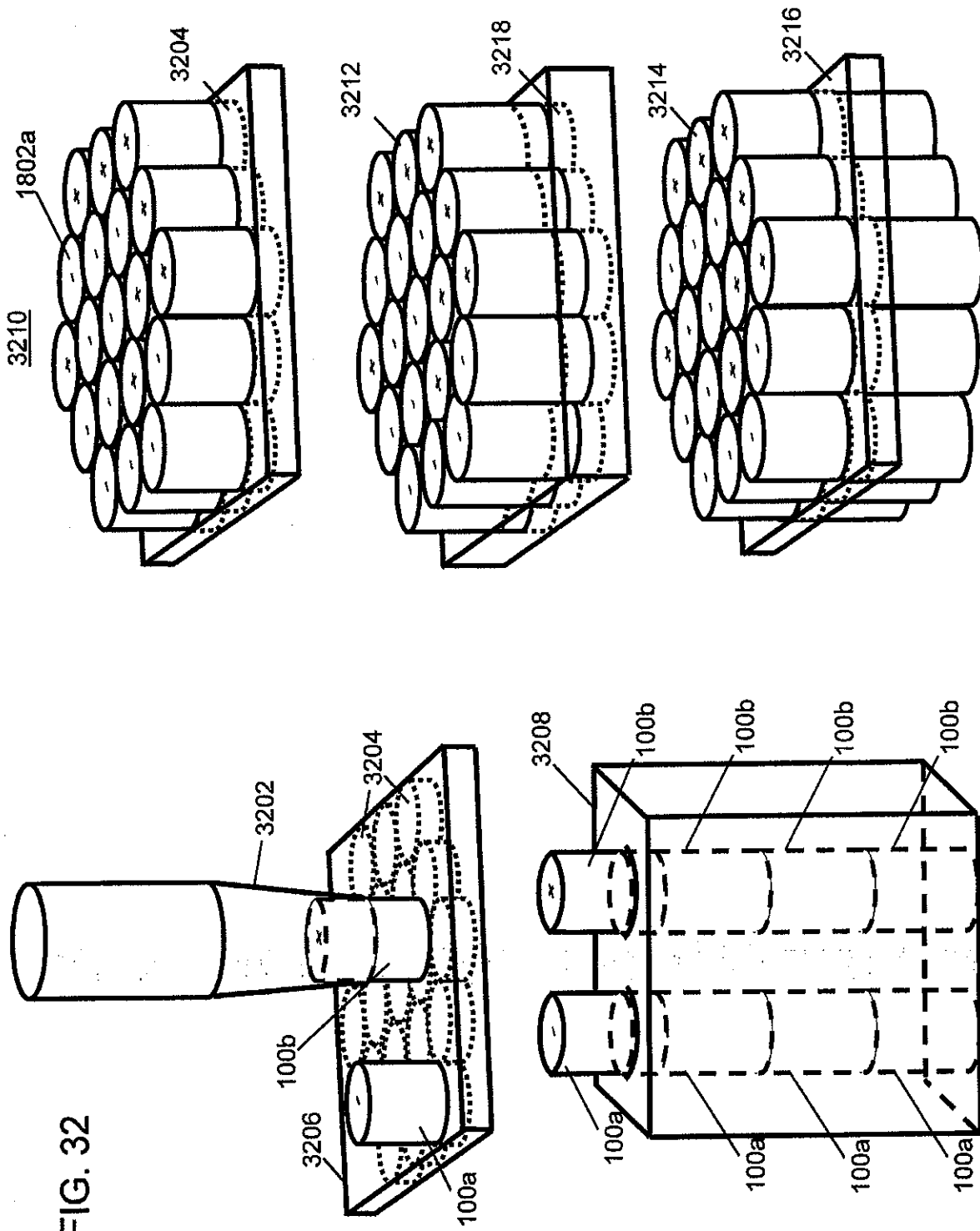
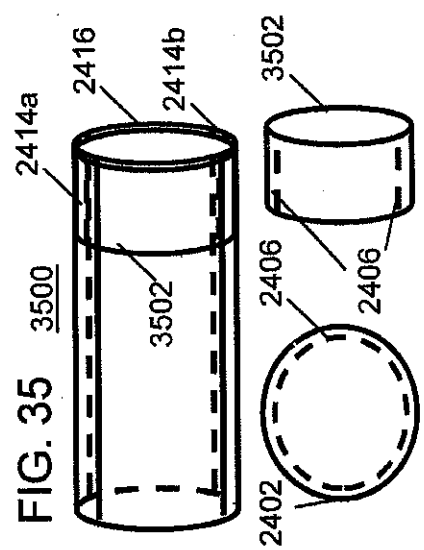
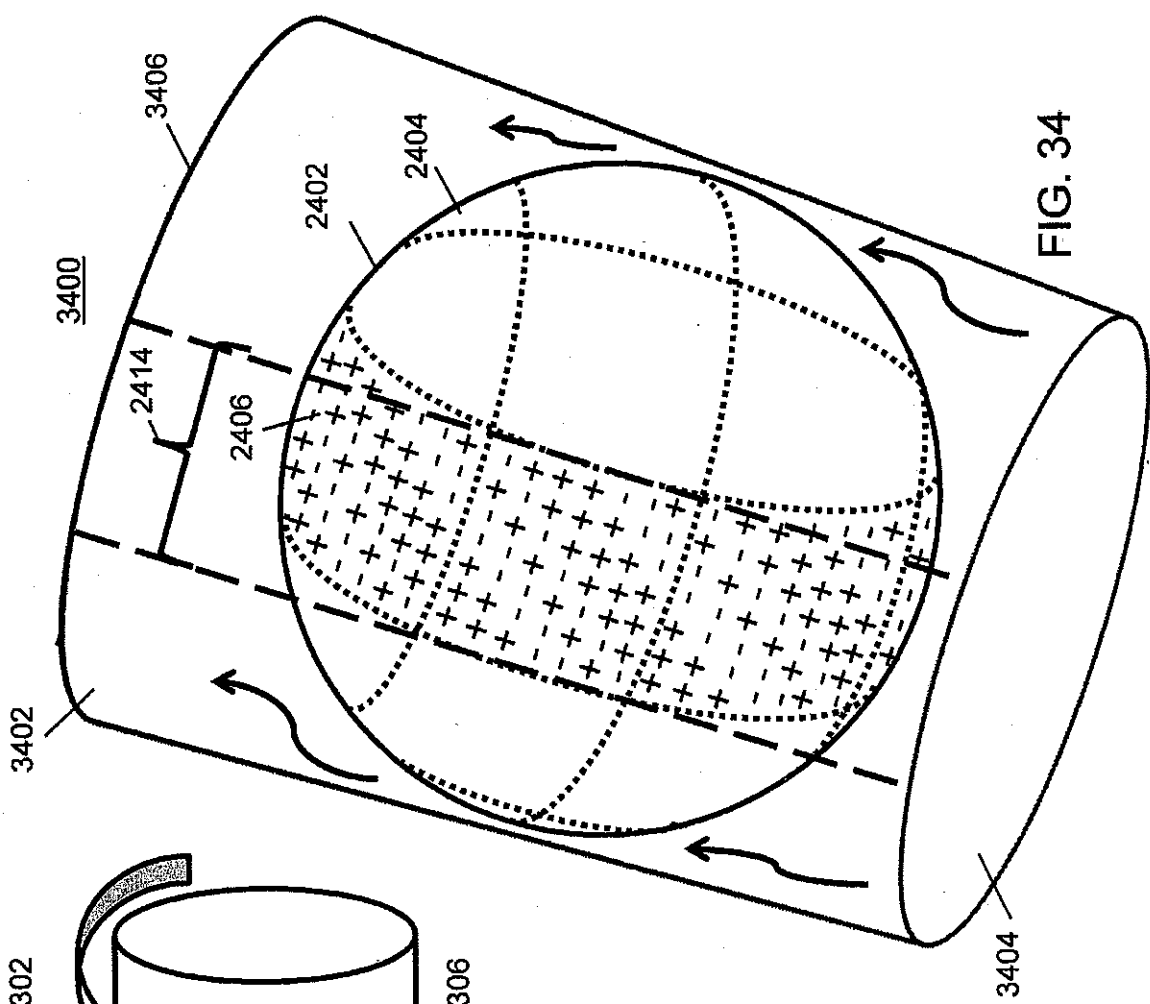
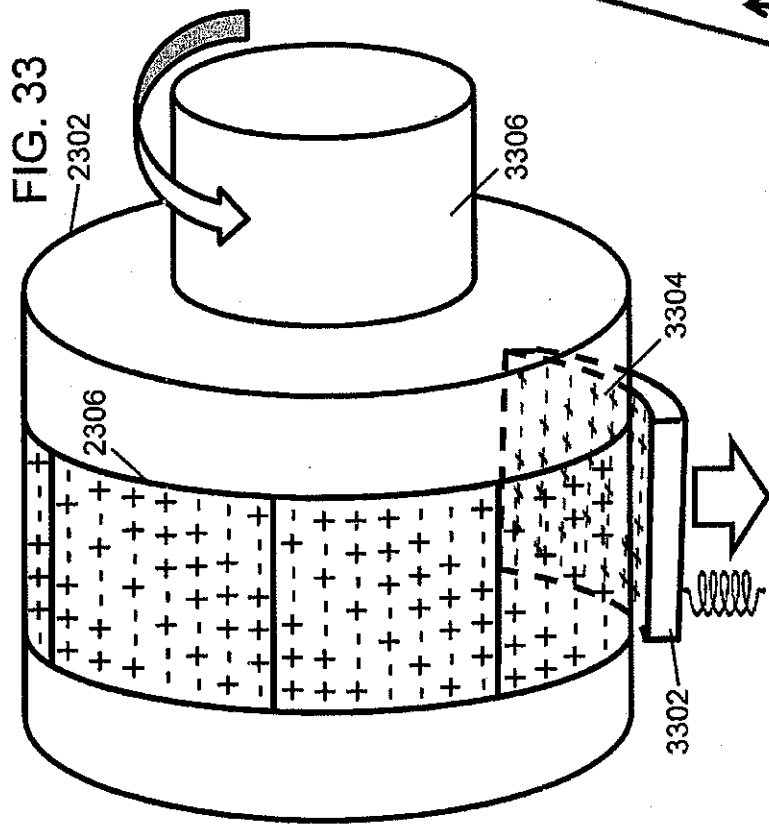


FIG. 31B





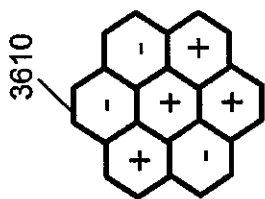
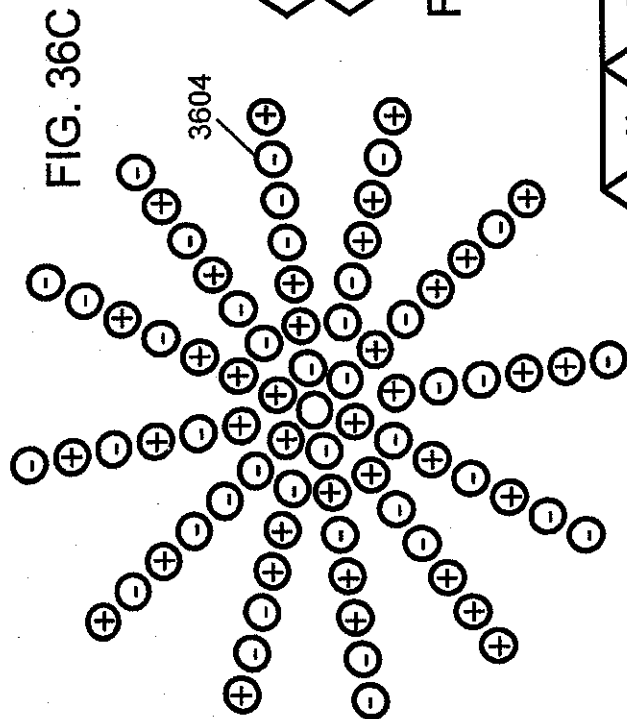
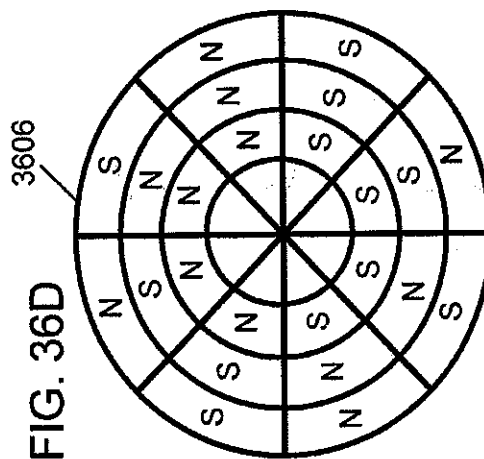
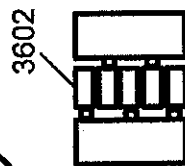
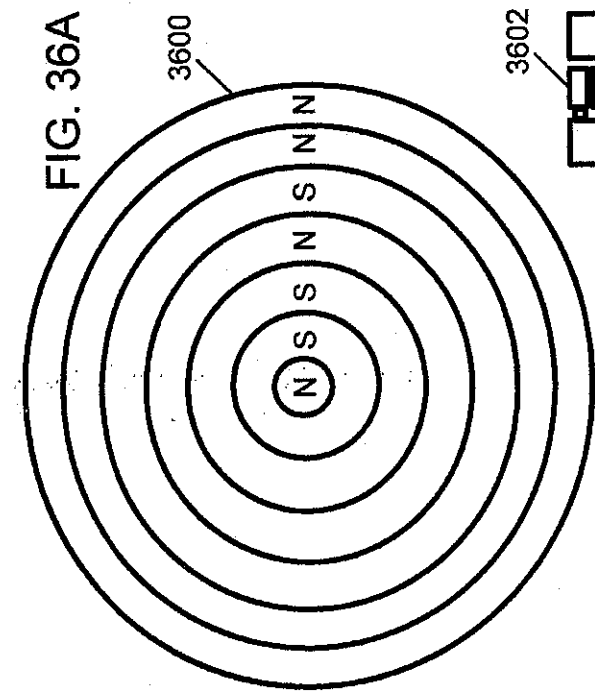


FIG. 36F

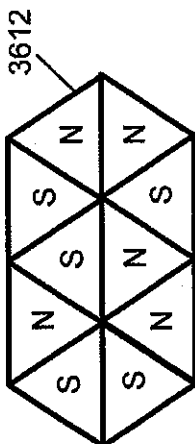


FIG. 36G

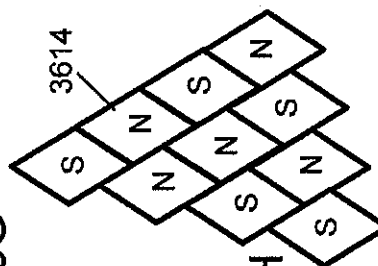


FIG. 36H

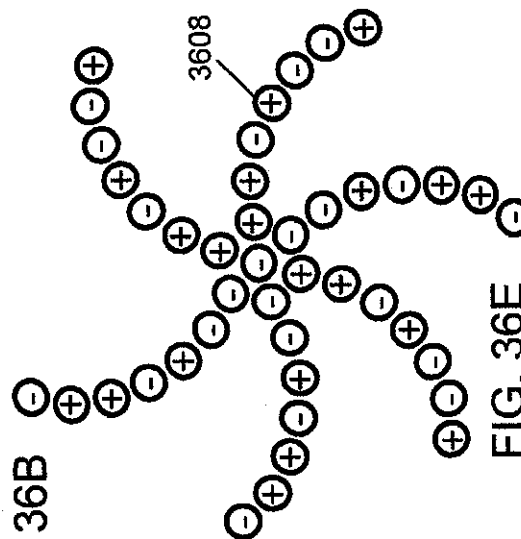


FIG. 36E