

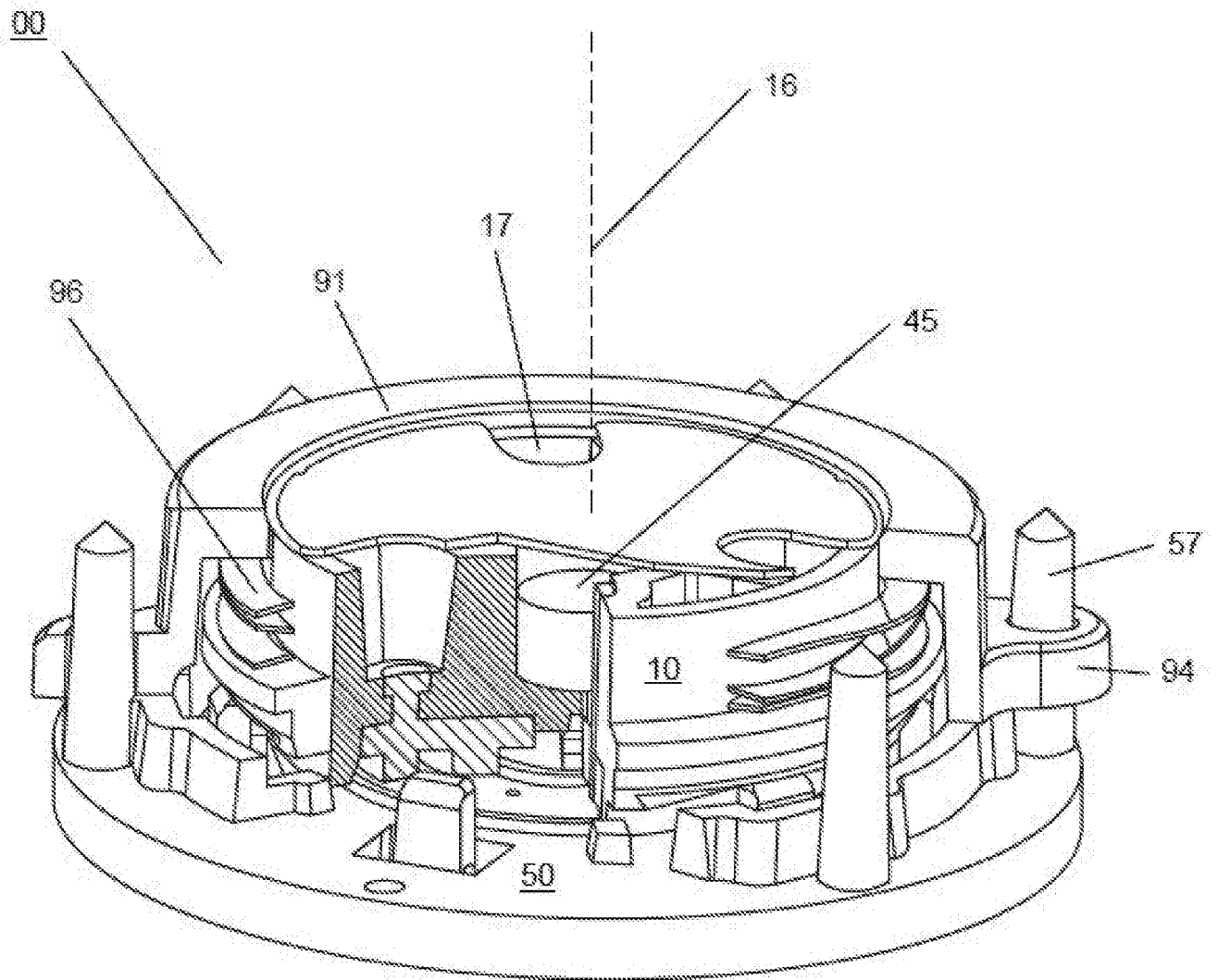


FIG. 1A

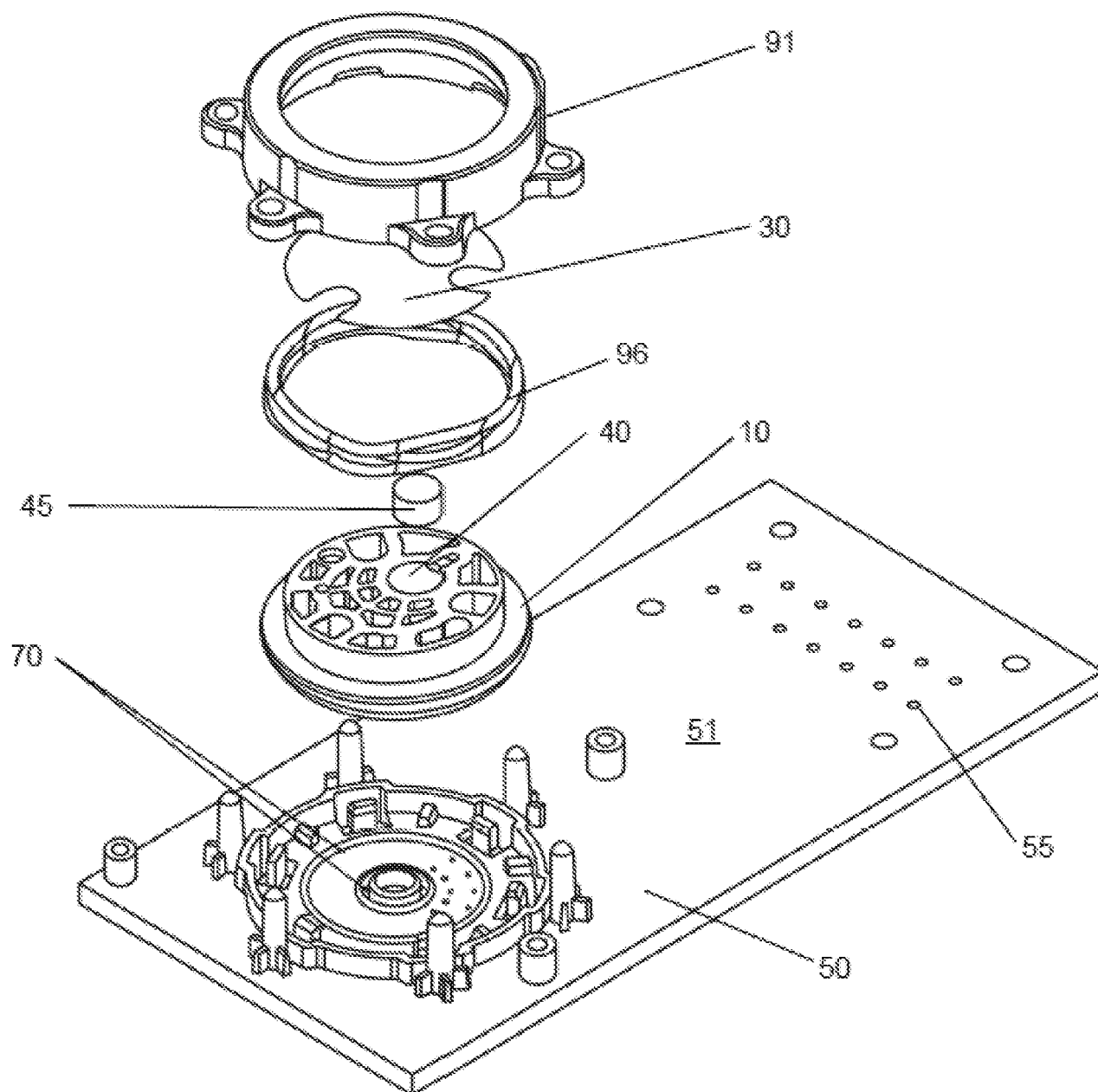


FIG. 1 B1

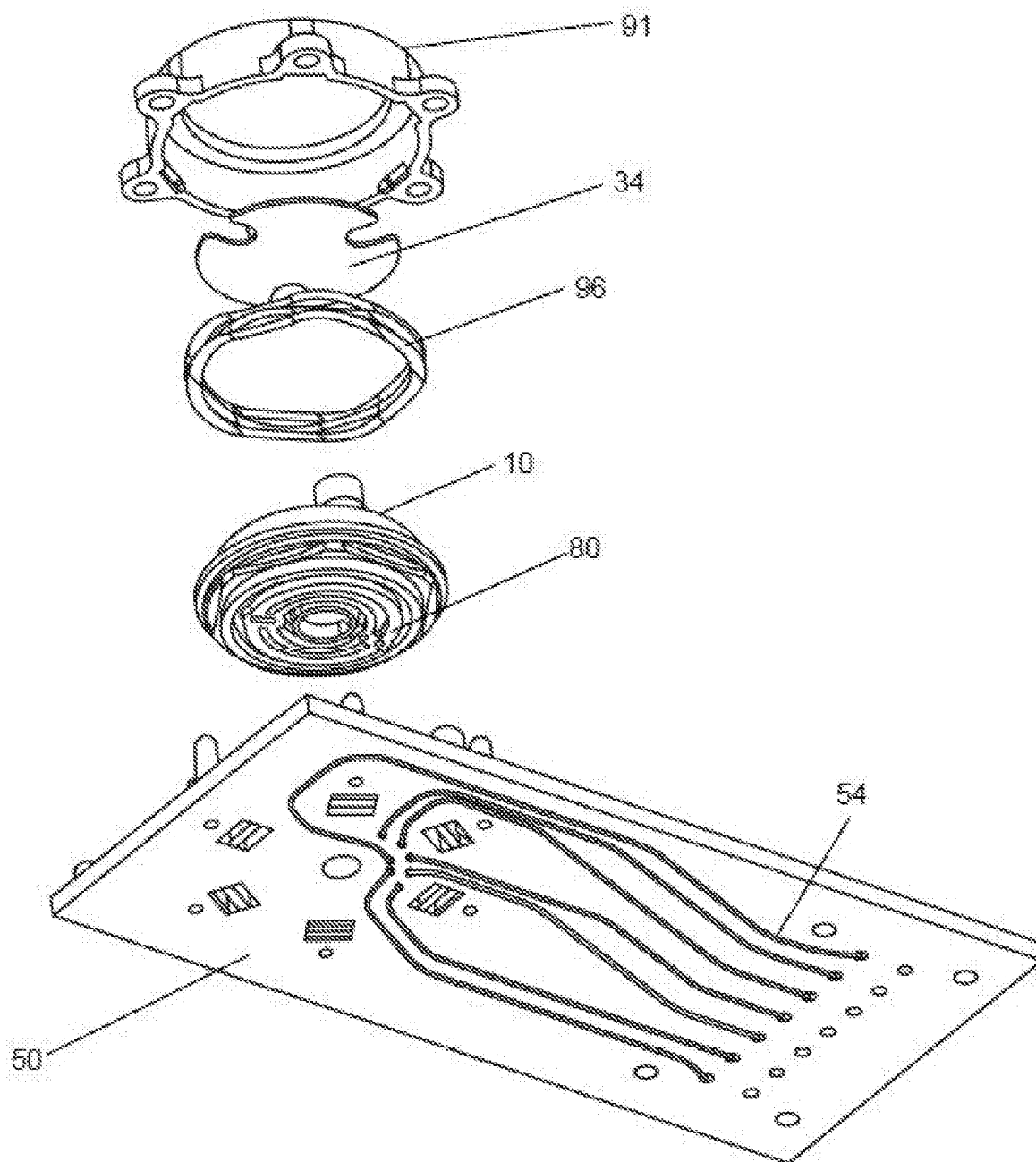
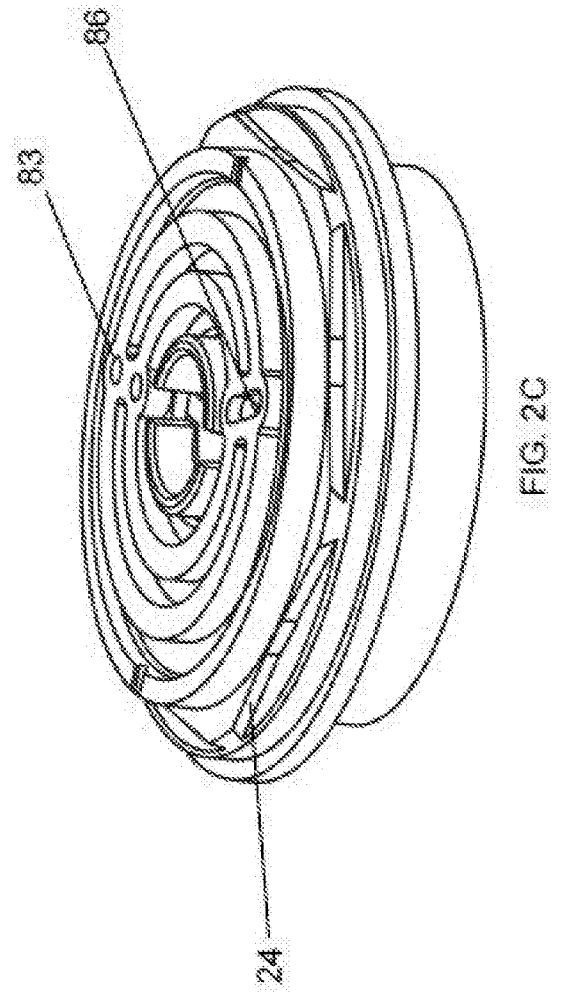
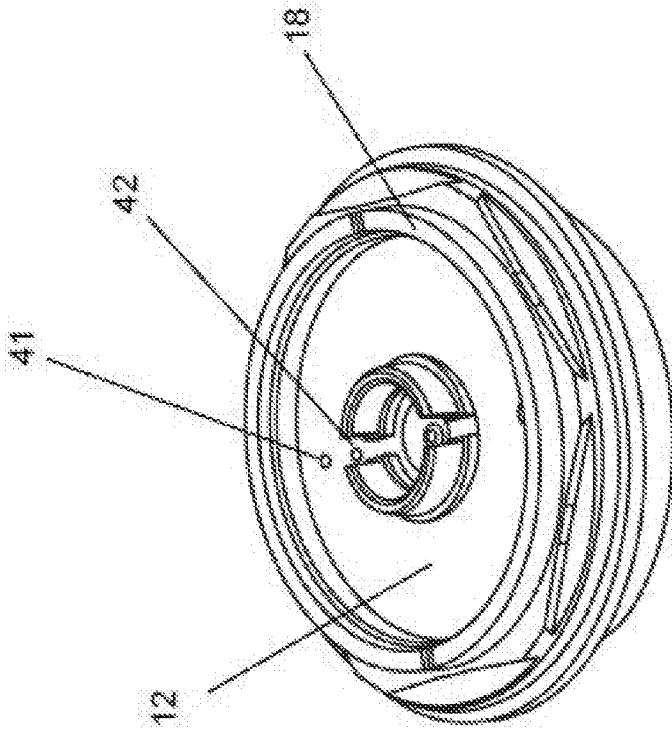
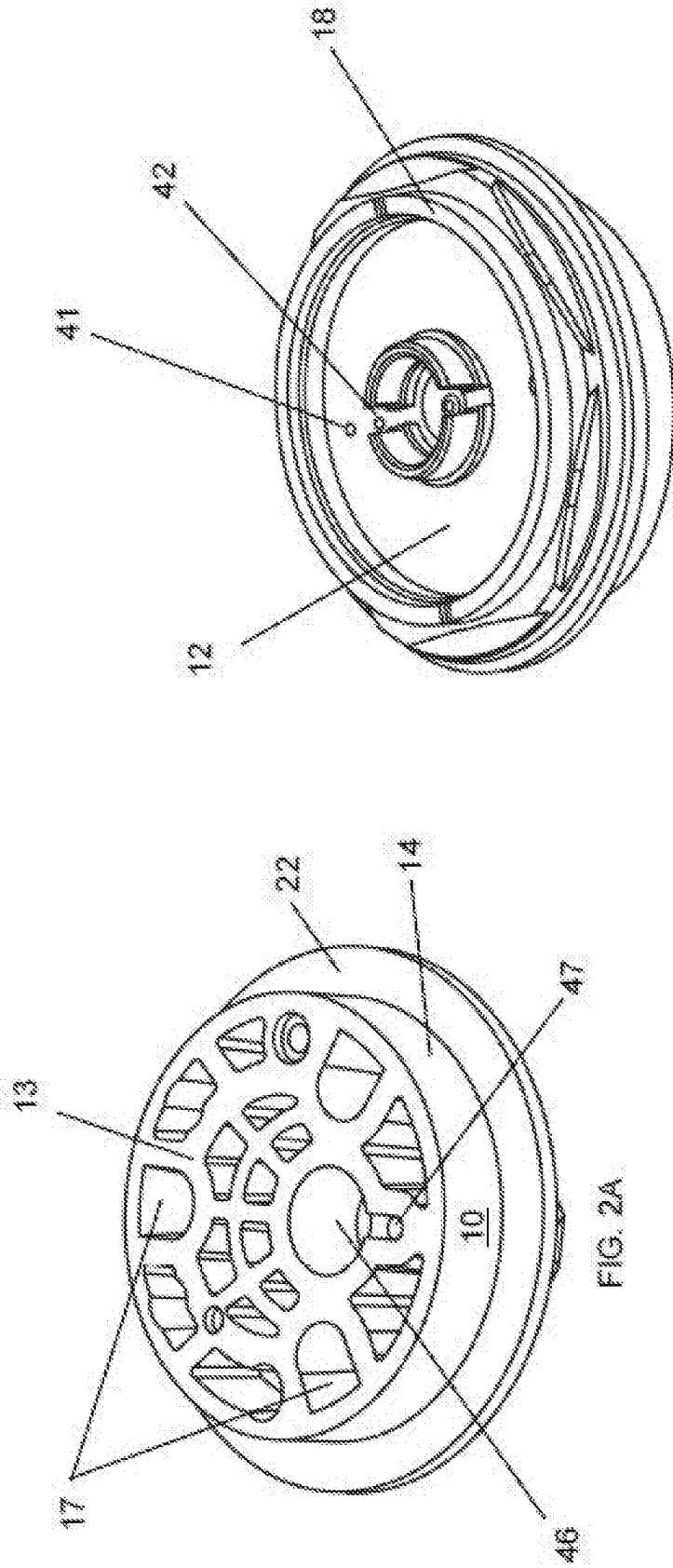


FIG. 1 B2



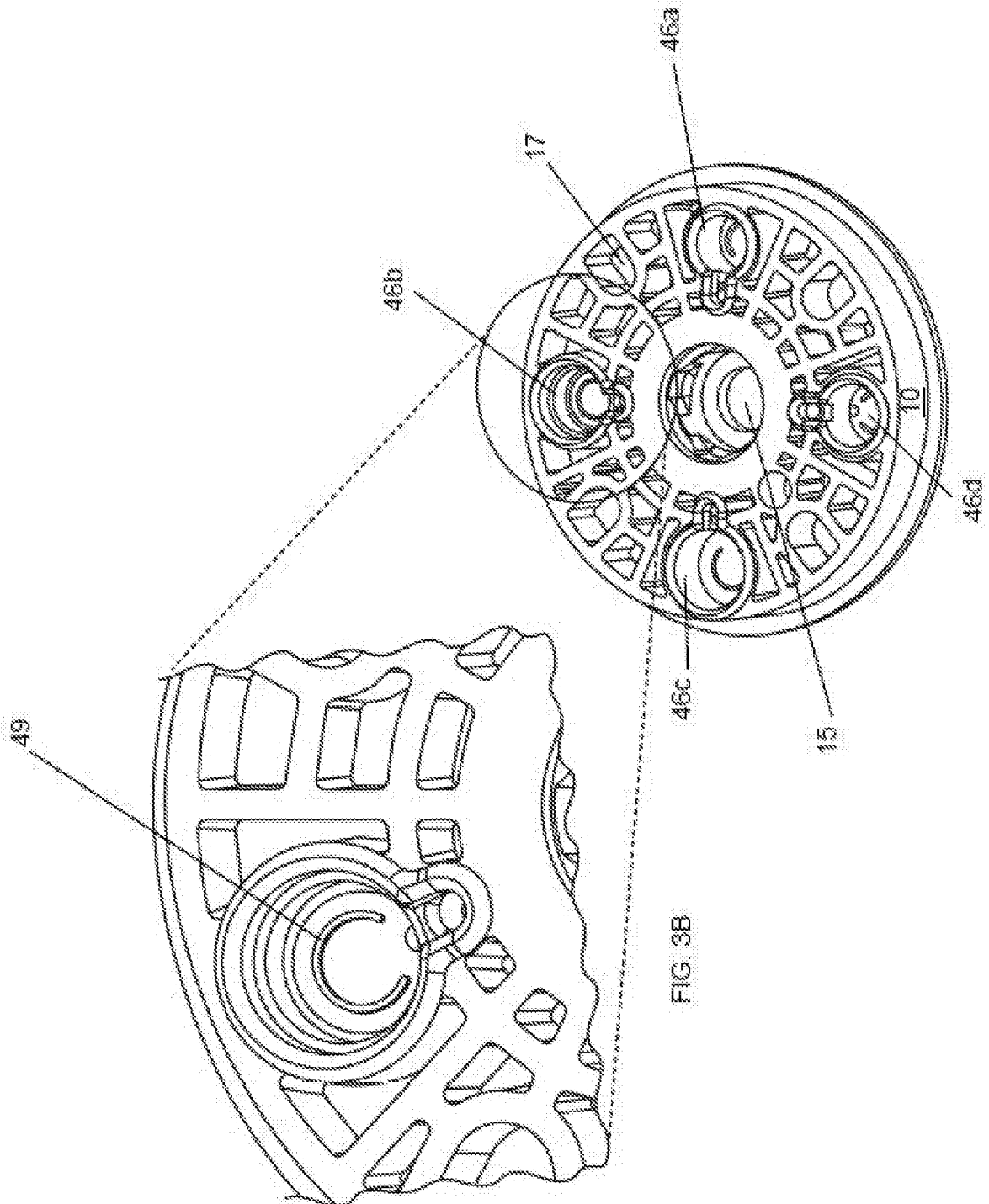


FIG. 3A

FIG. 3B

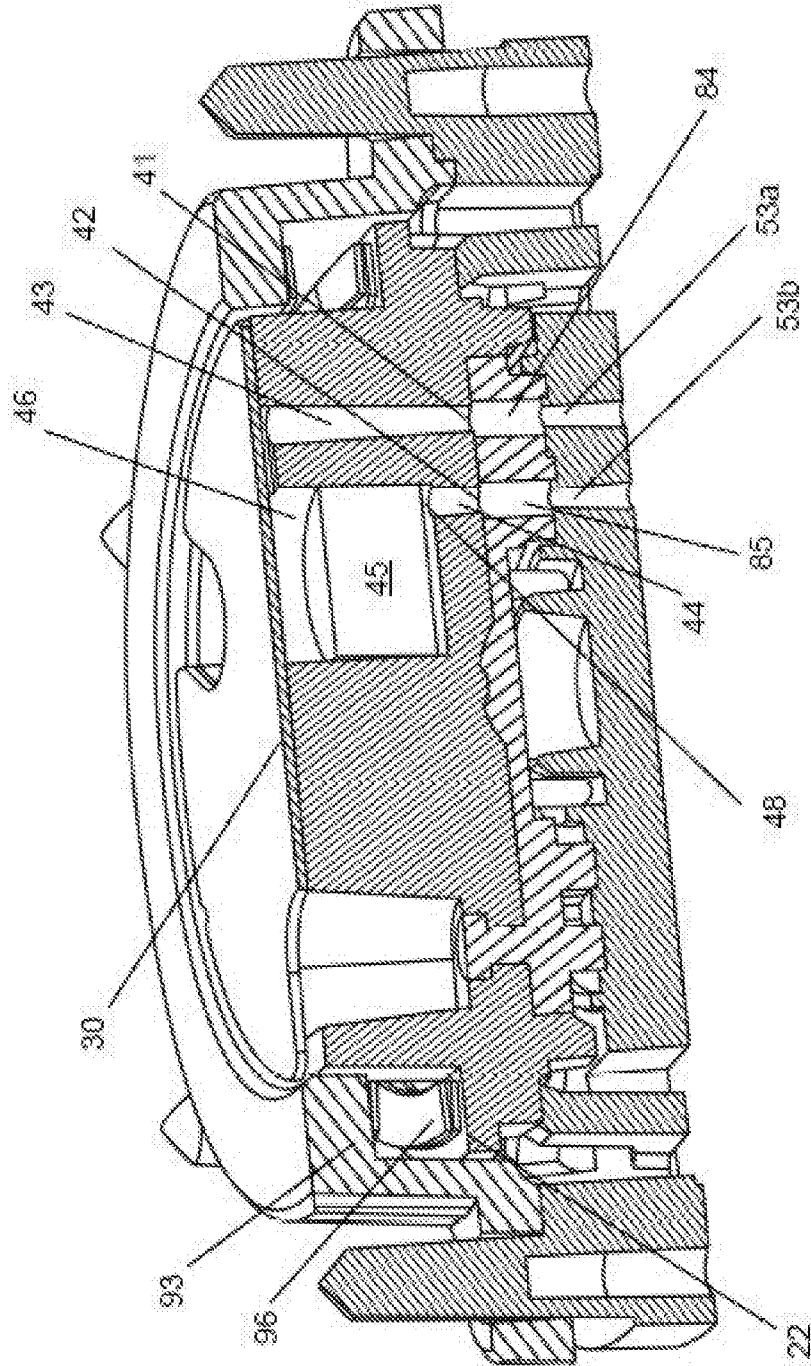
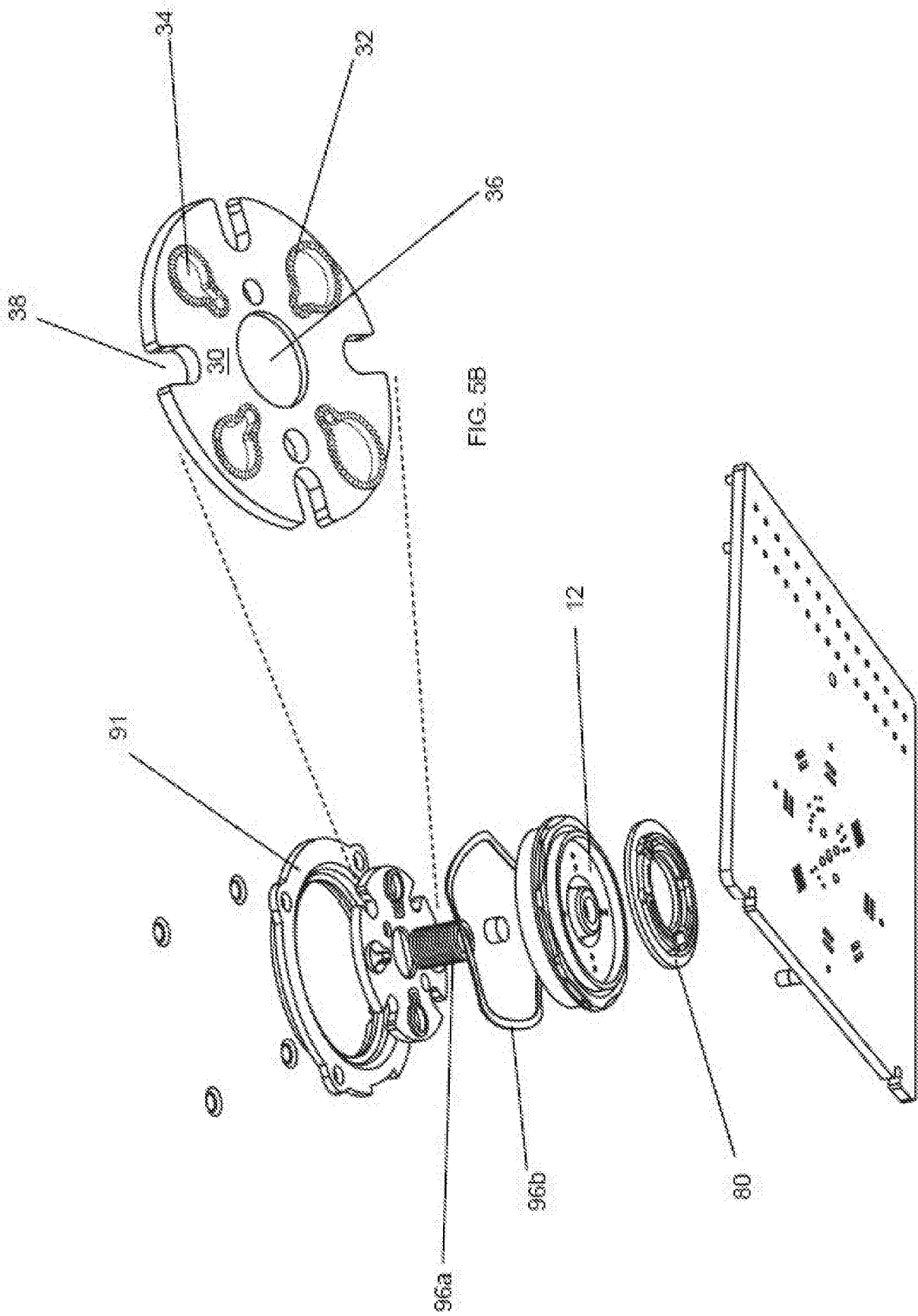


FIG. 4



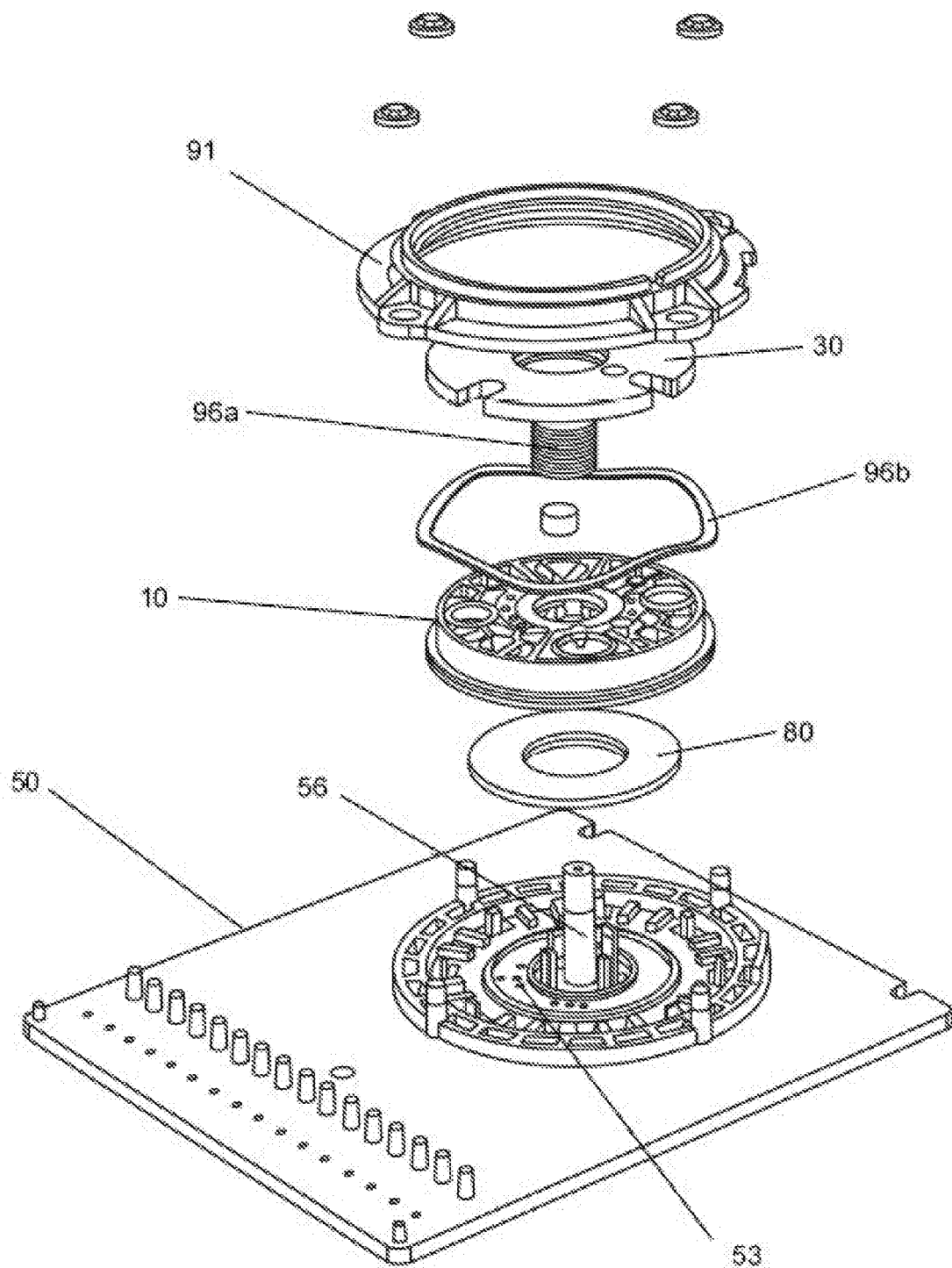


FIG. 5C

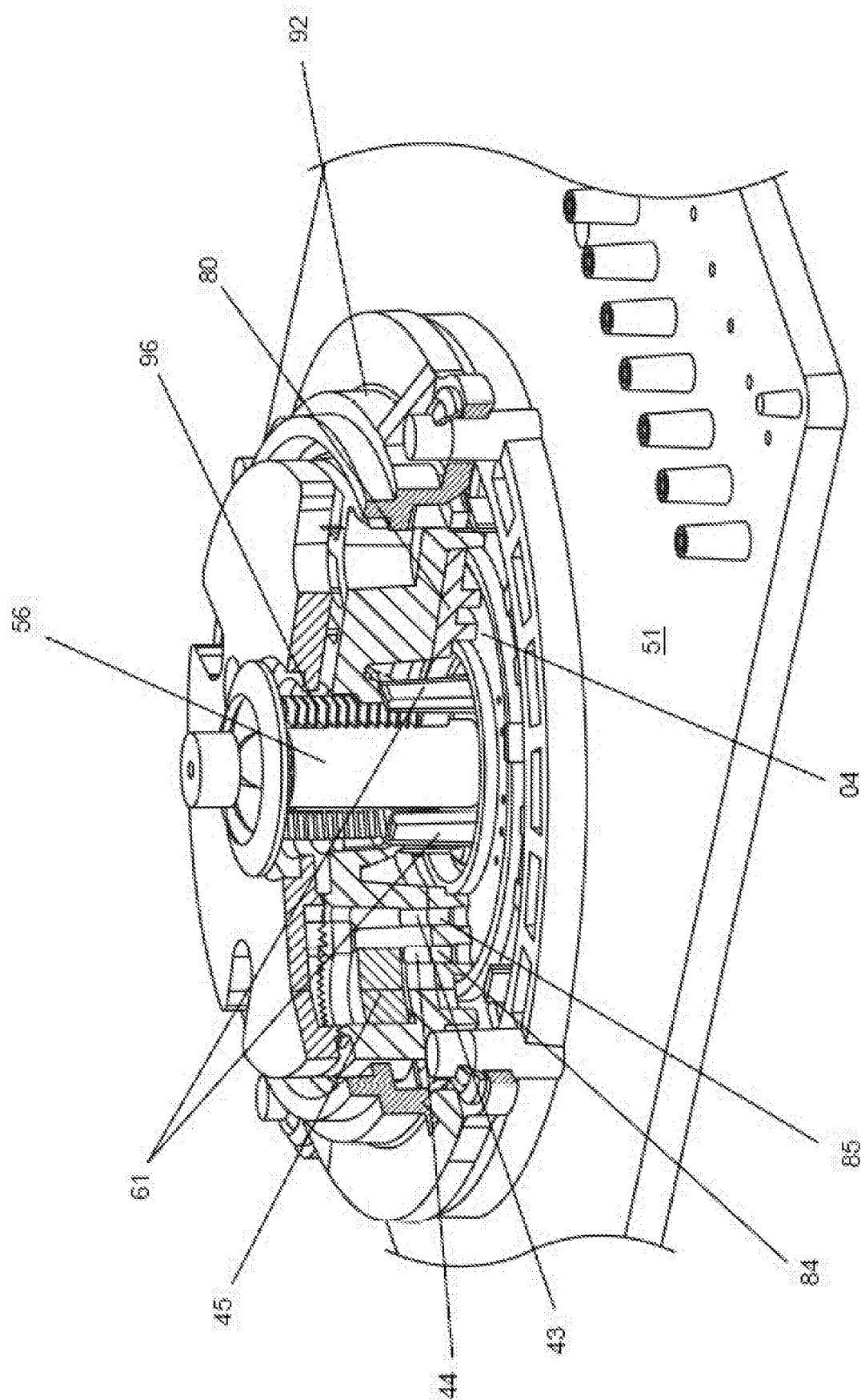


FIG. 5D

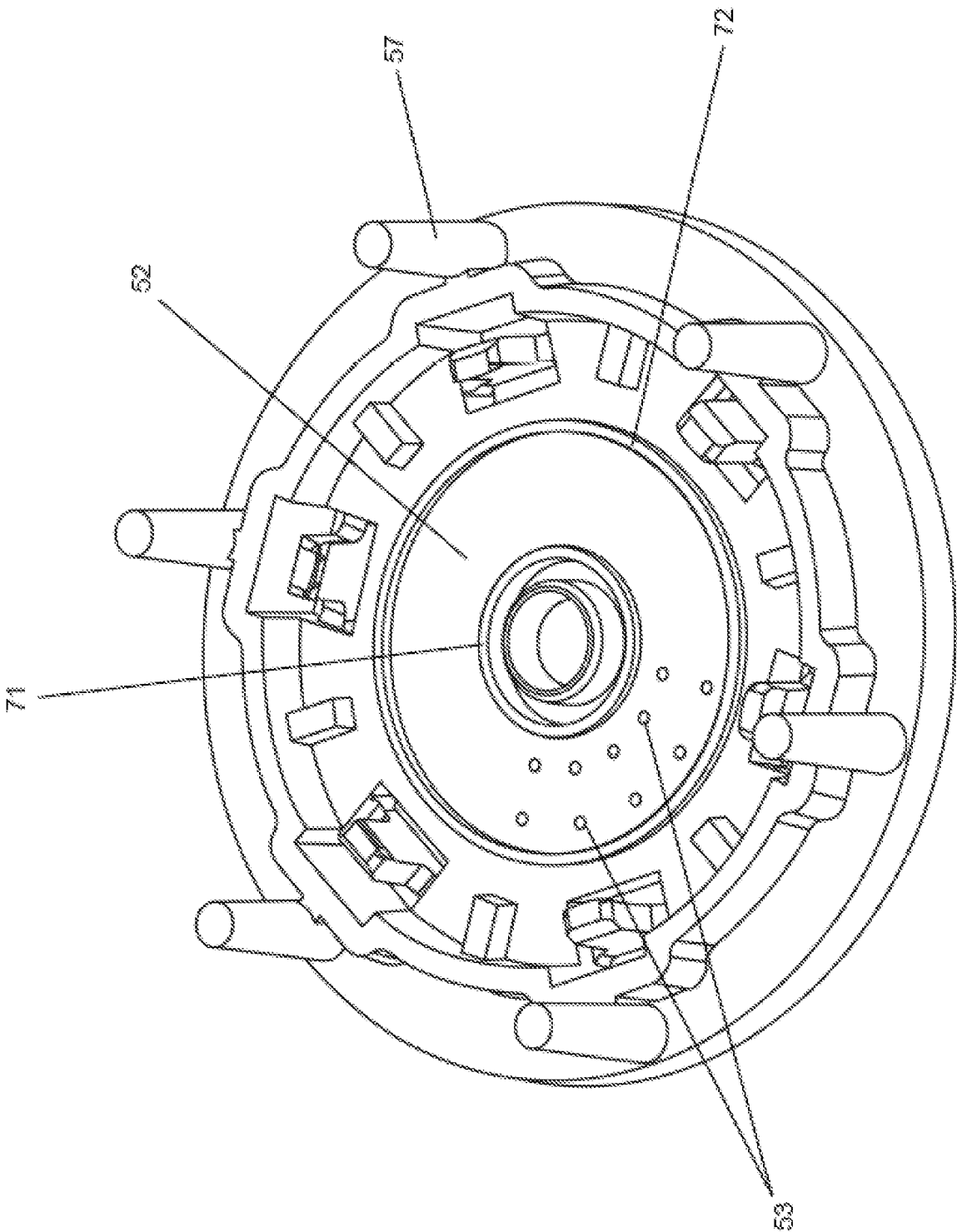


FIG. 6

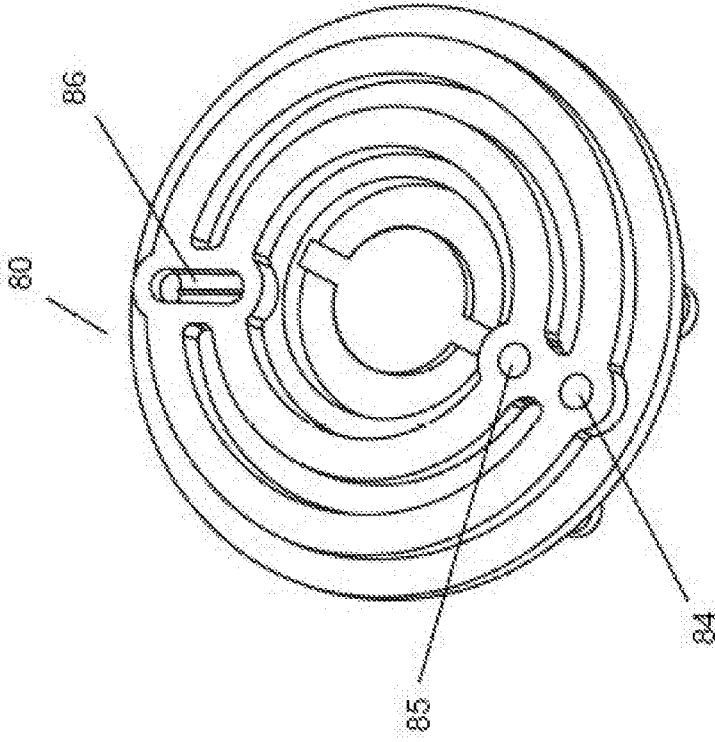


FIG. 7A

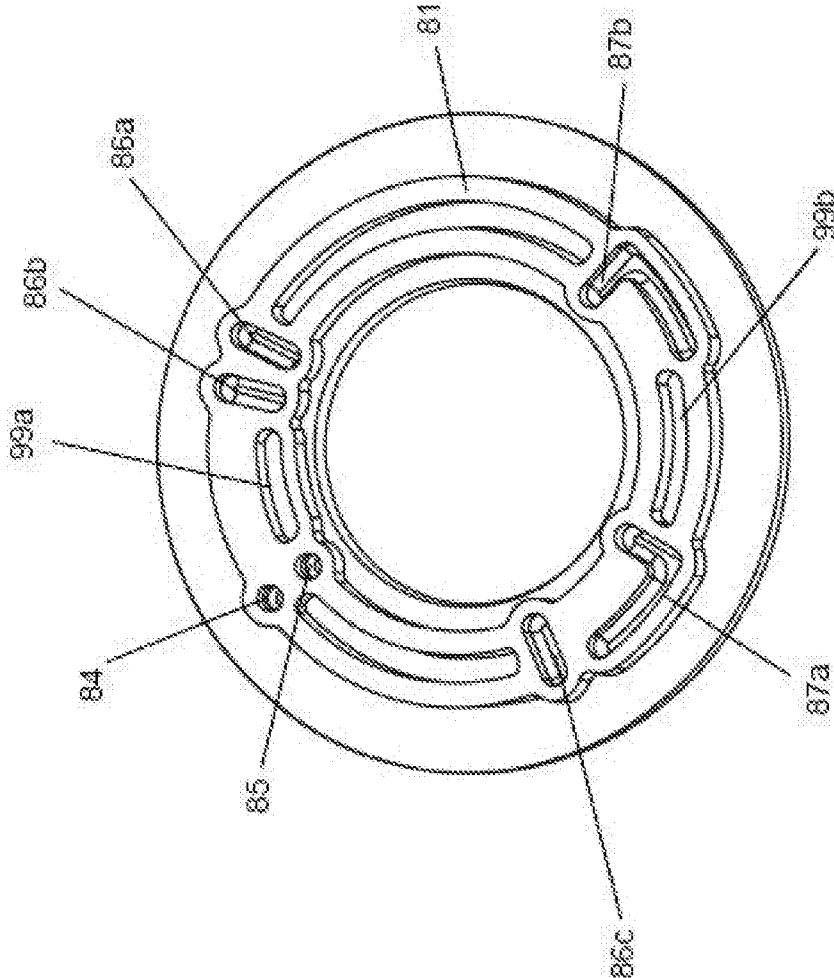


FIG. 7B1

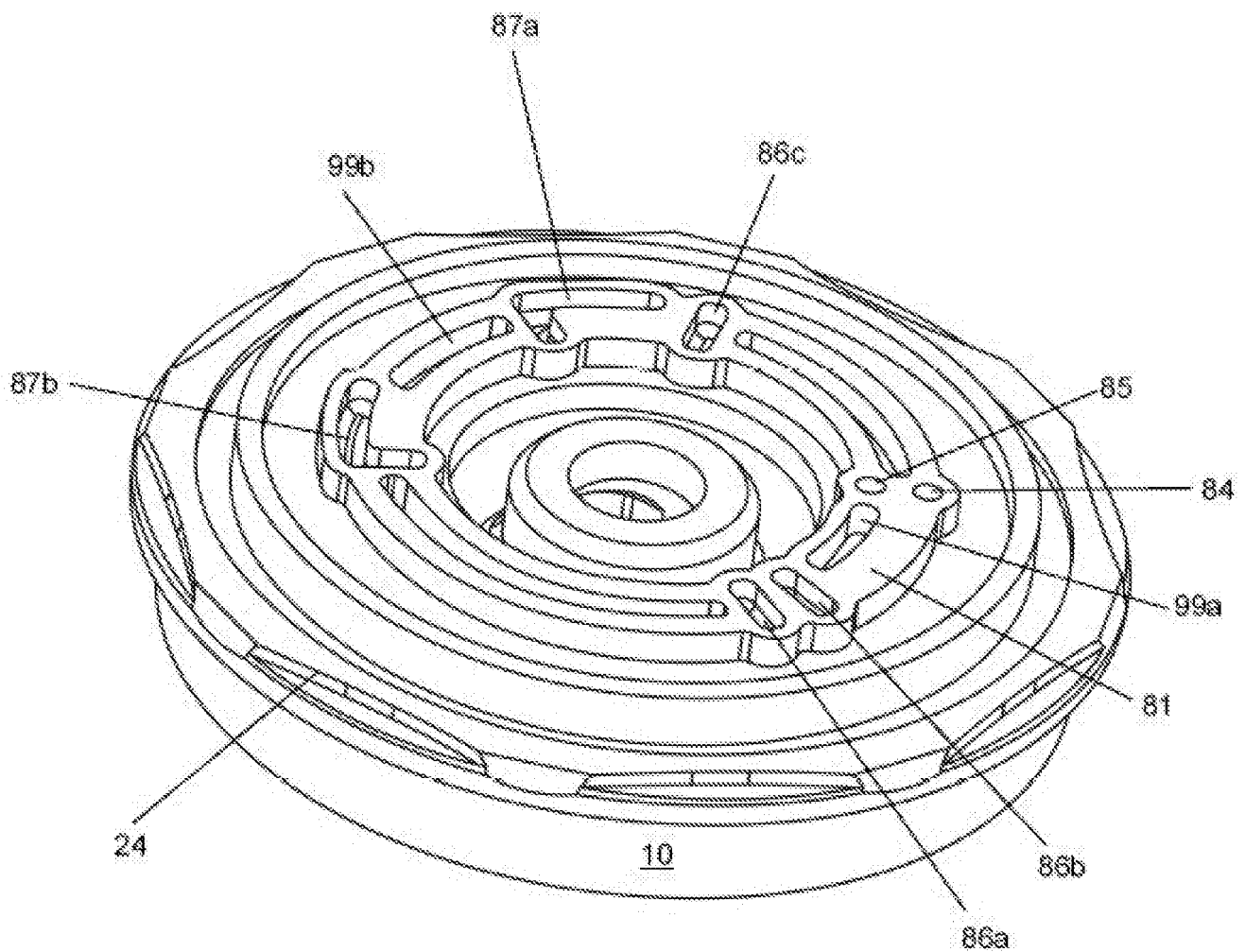
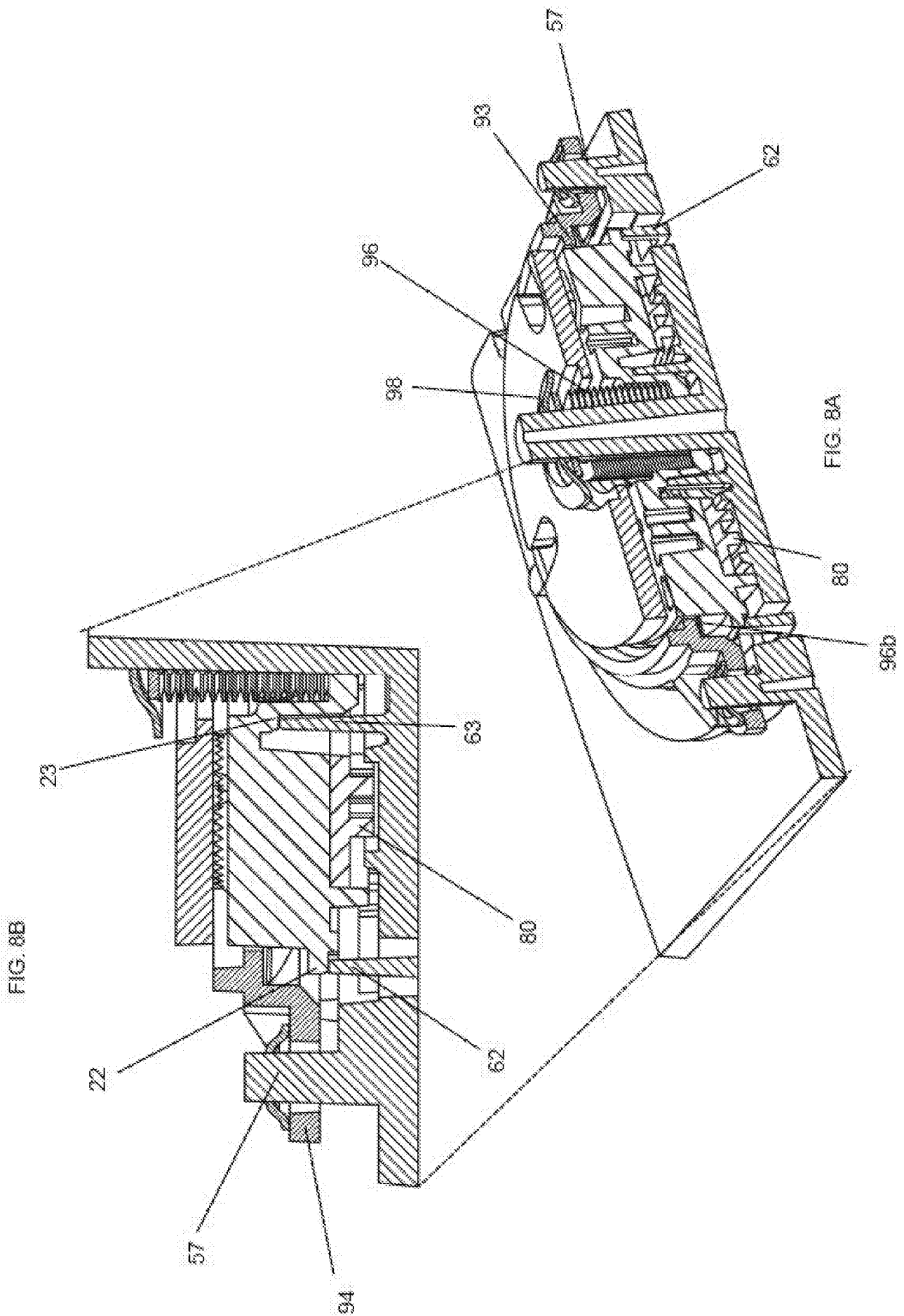
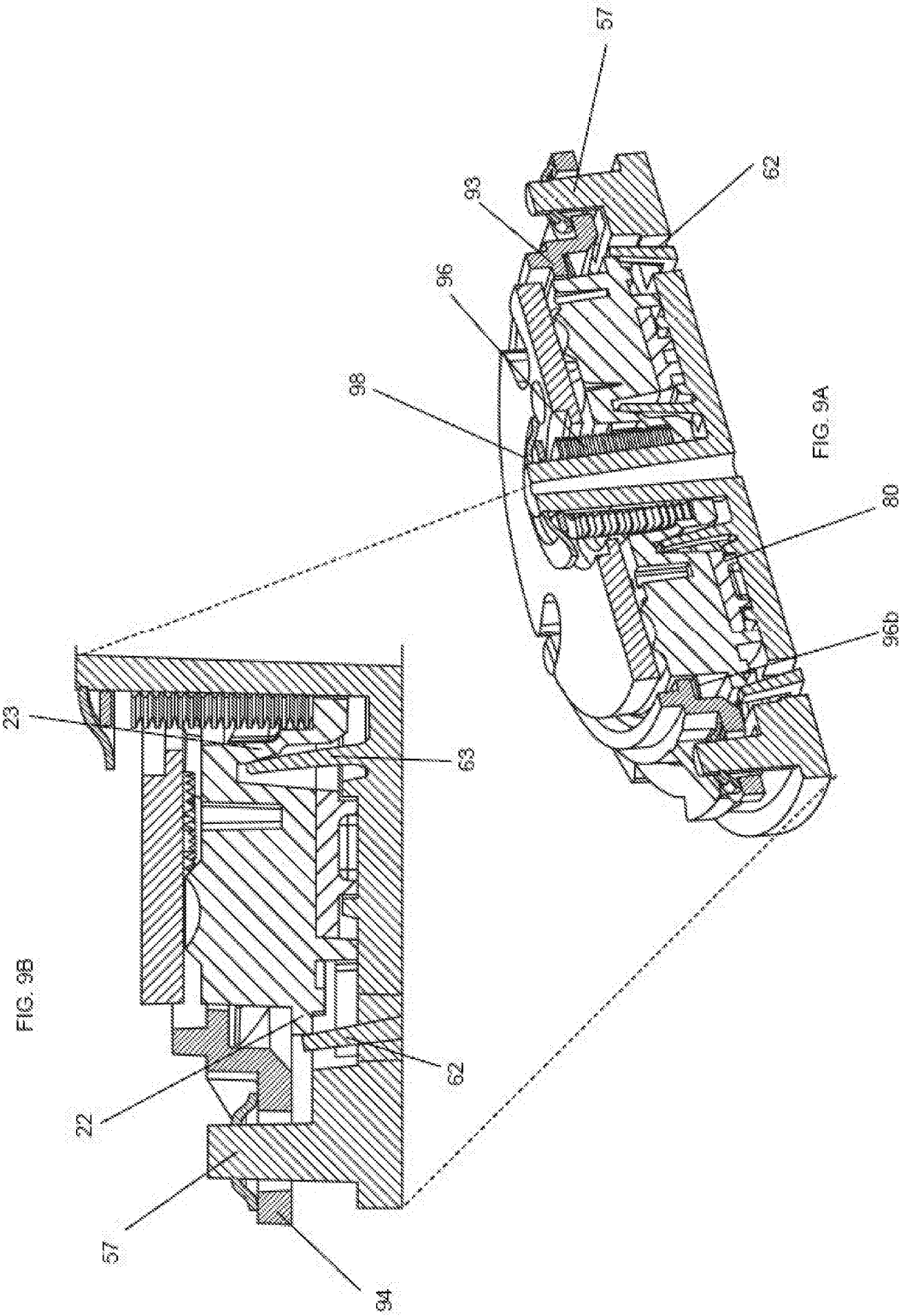
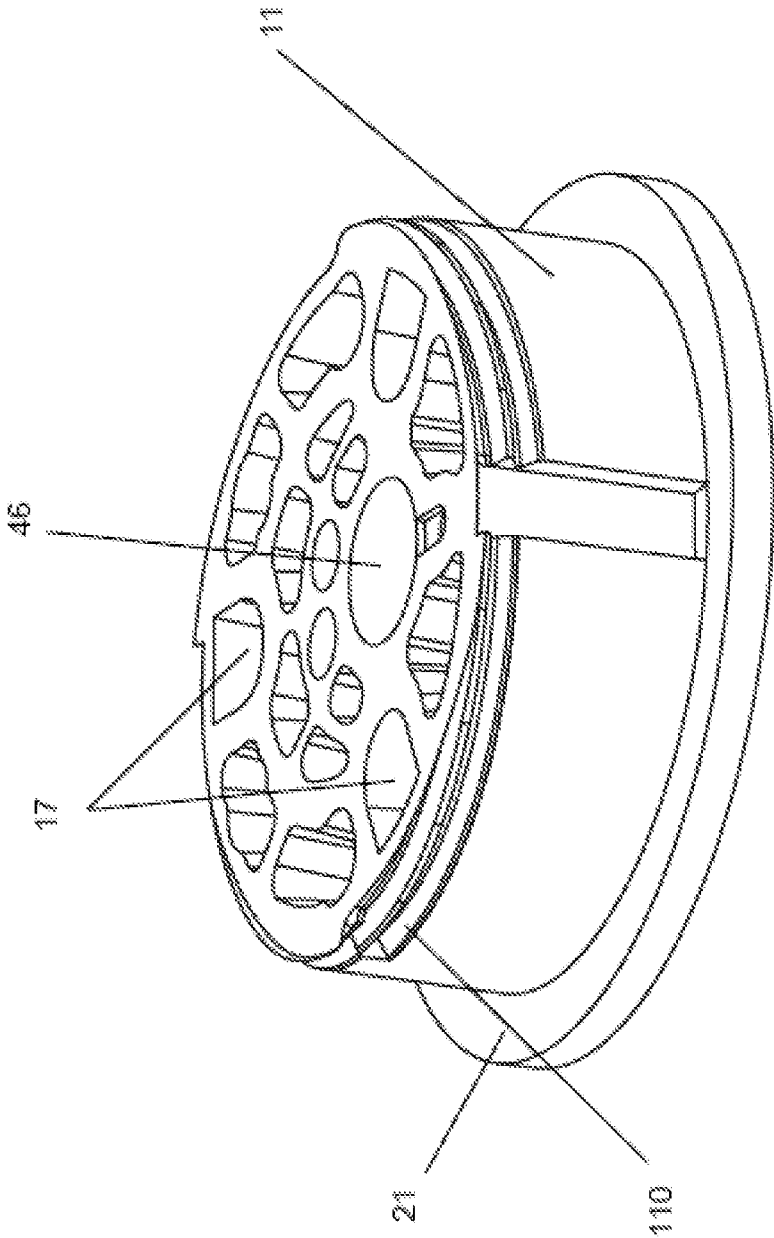


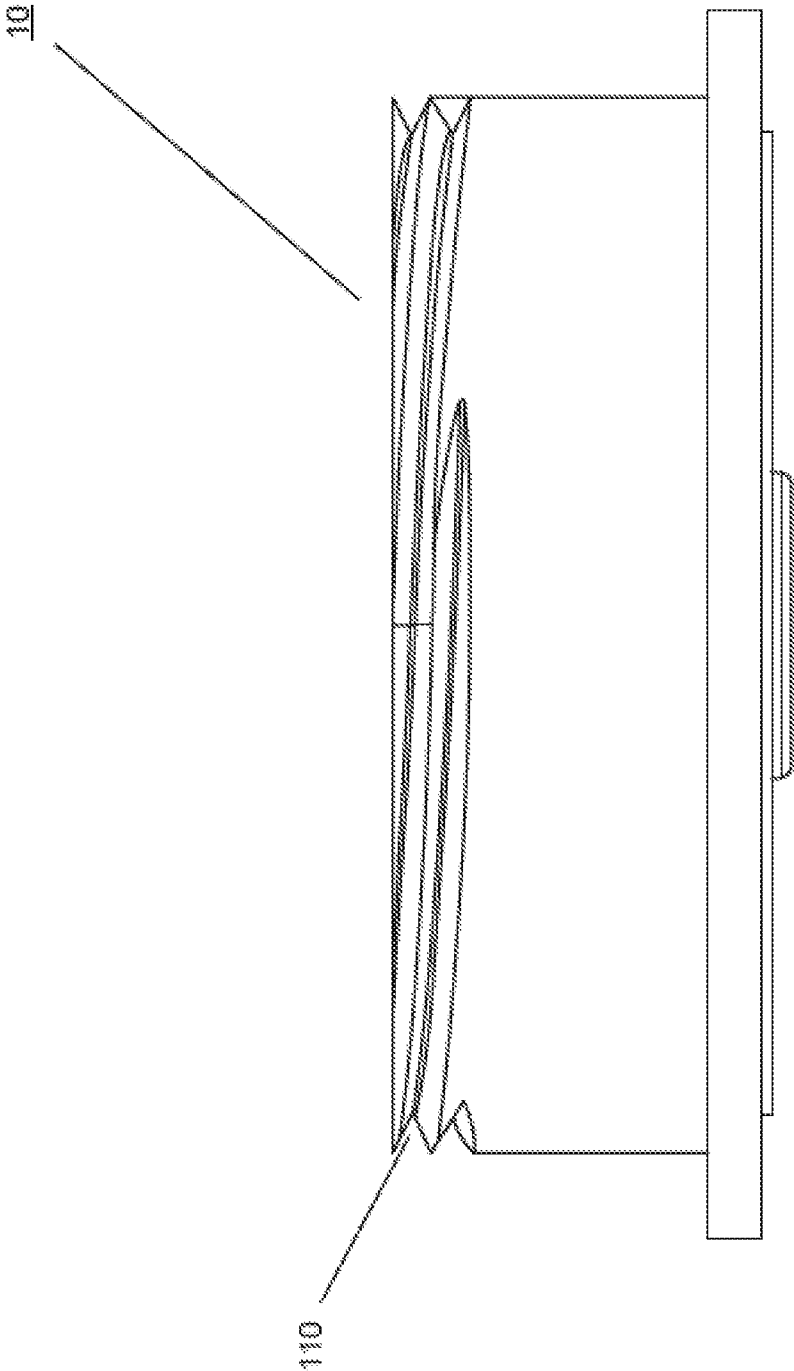
FIG. 7 B2





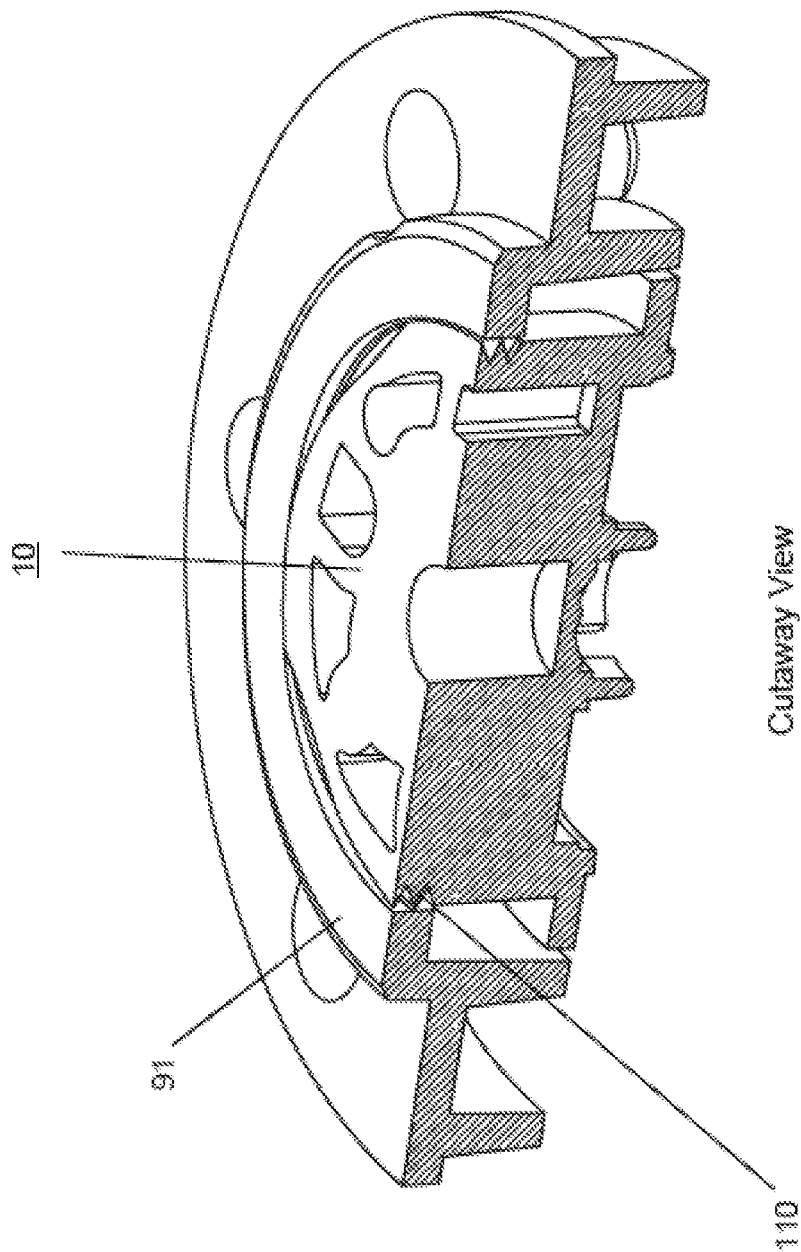


Threaded Rotor
FIG. 10A



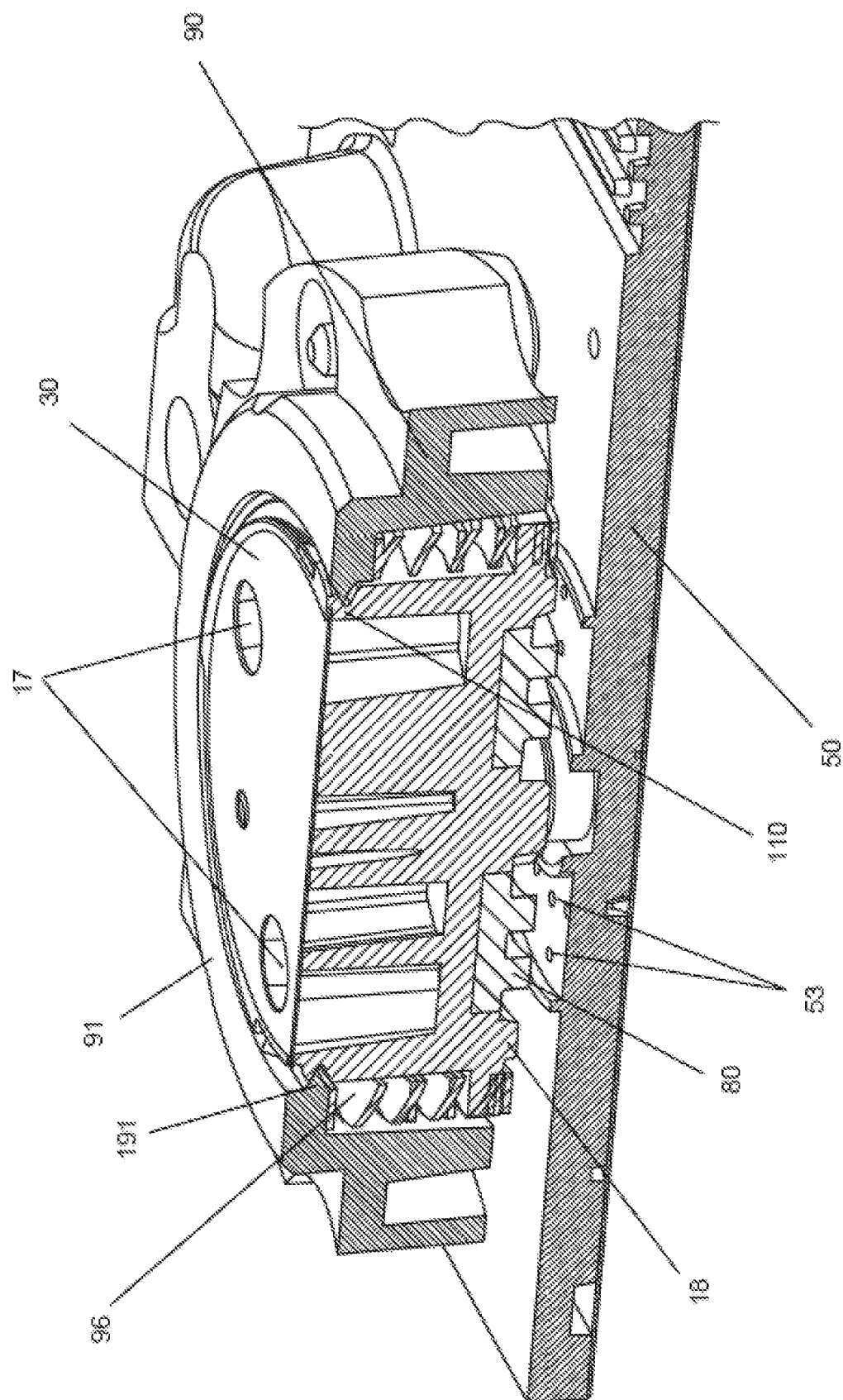
Horizontal View

FIG. 10B



Cutaway View

FIG. 10C





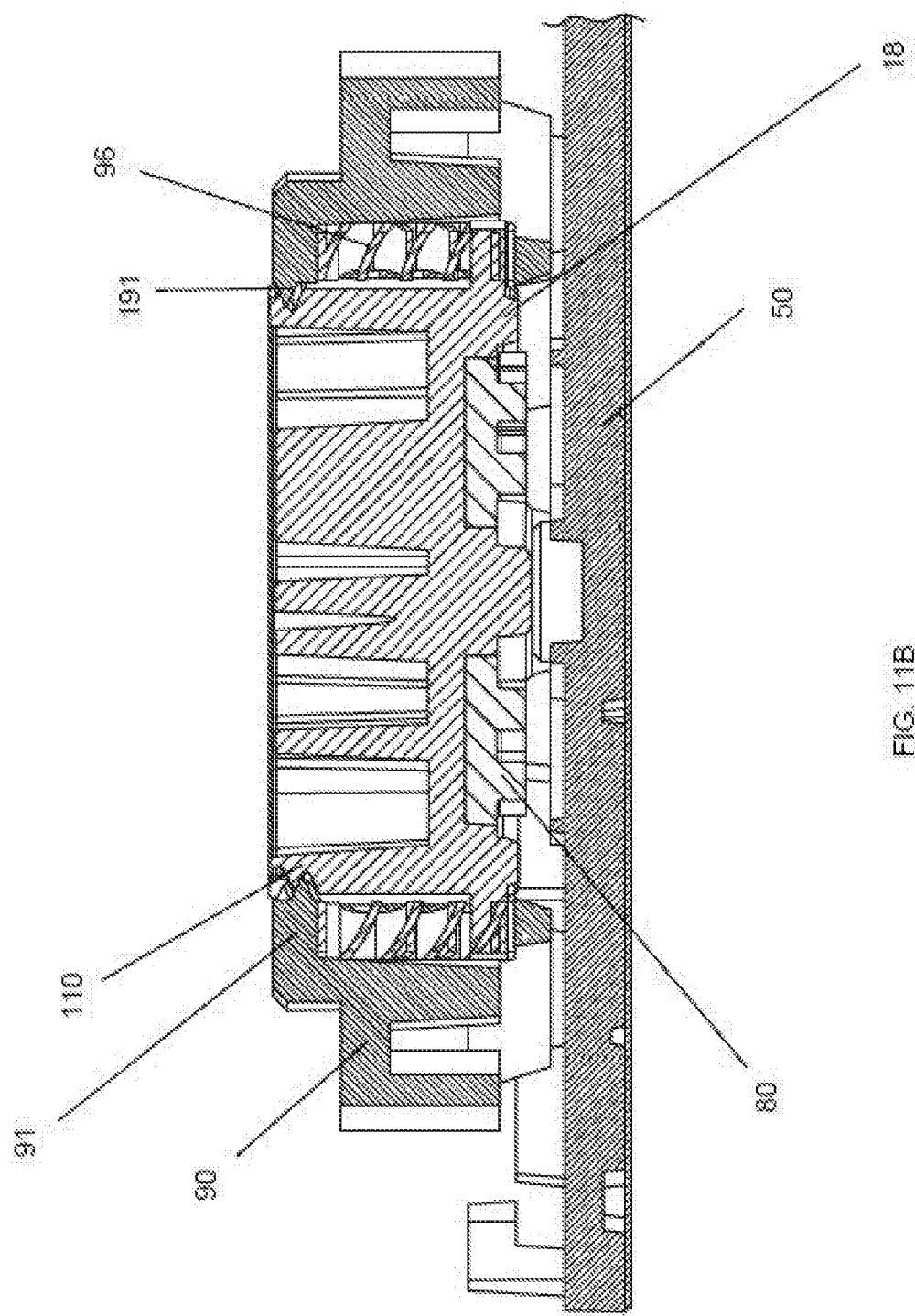
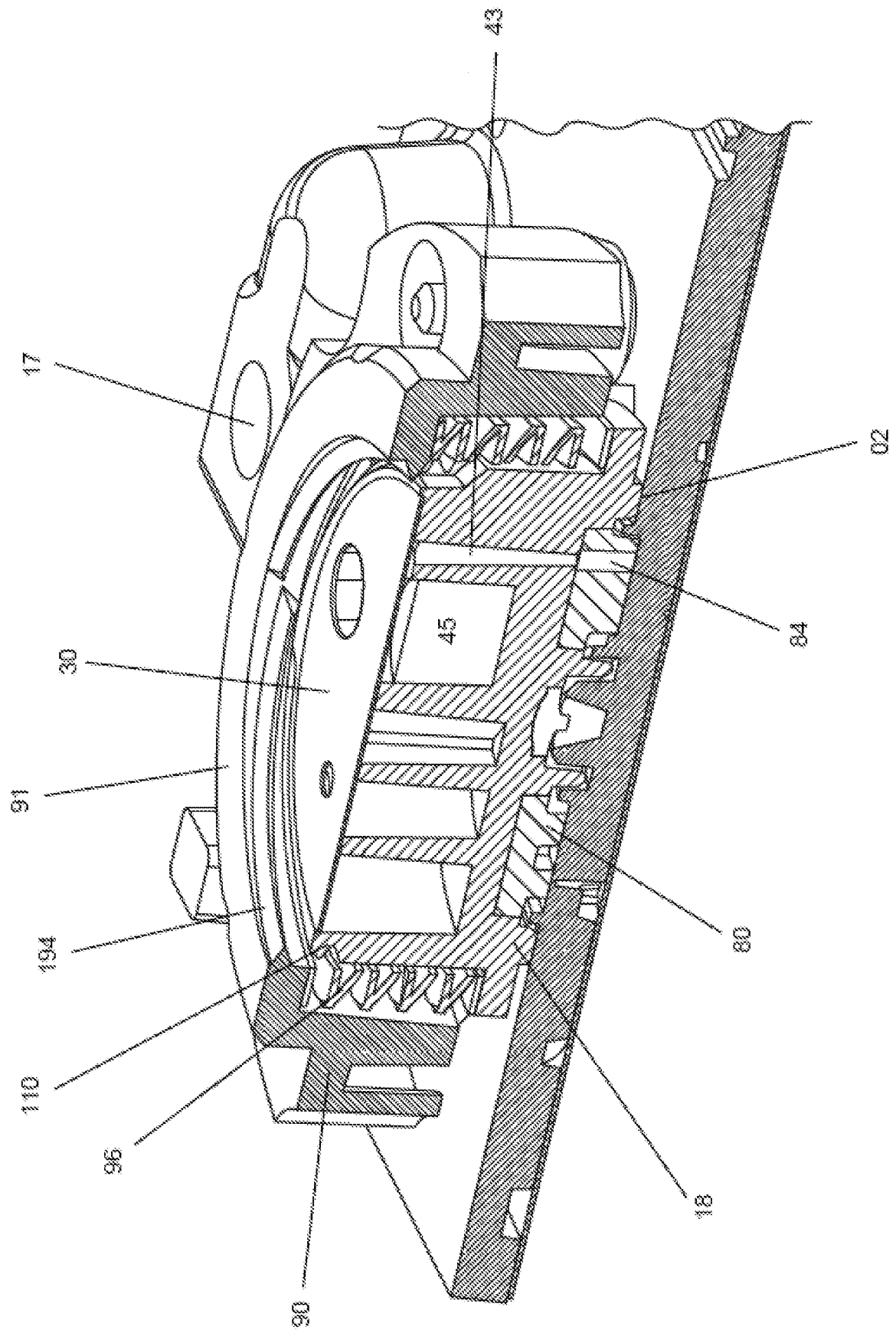


FIG. 11B



25

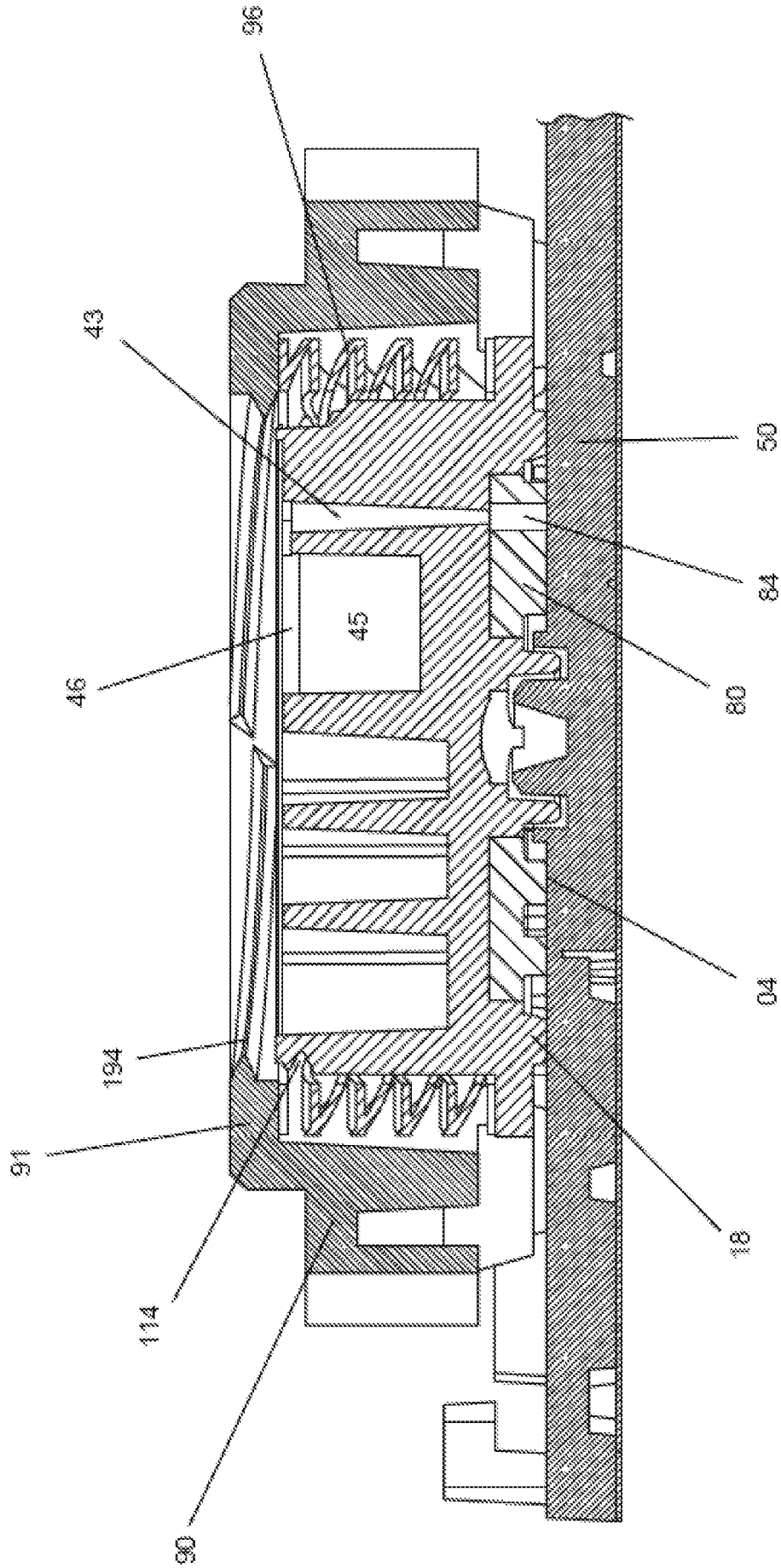


FIG. 12B

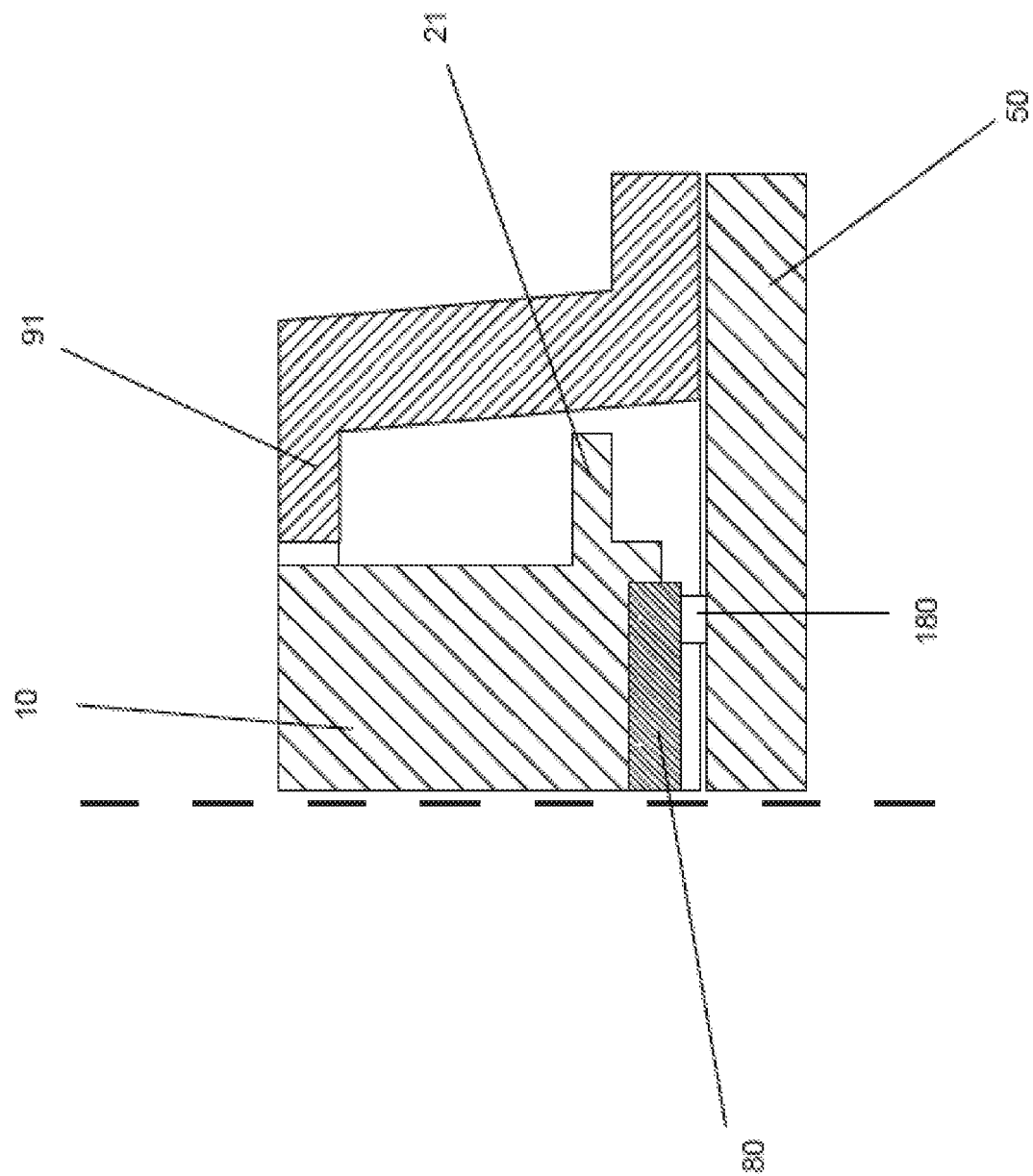
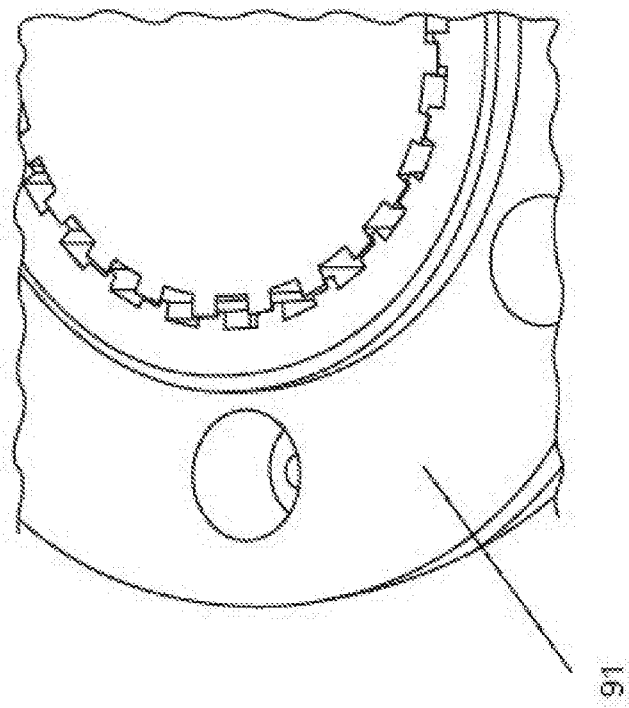
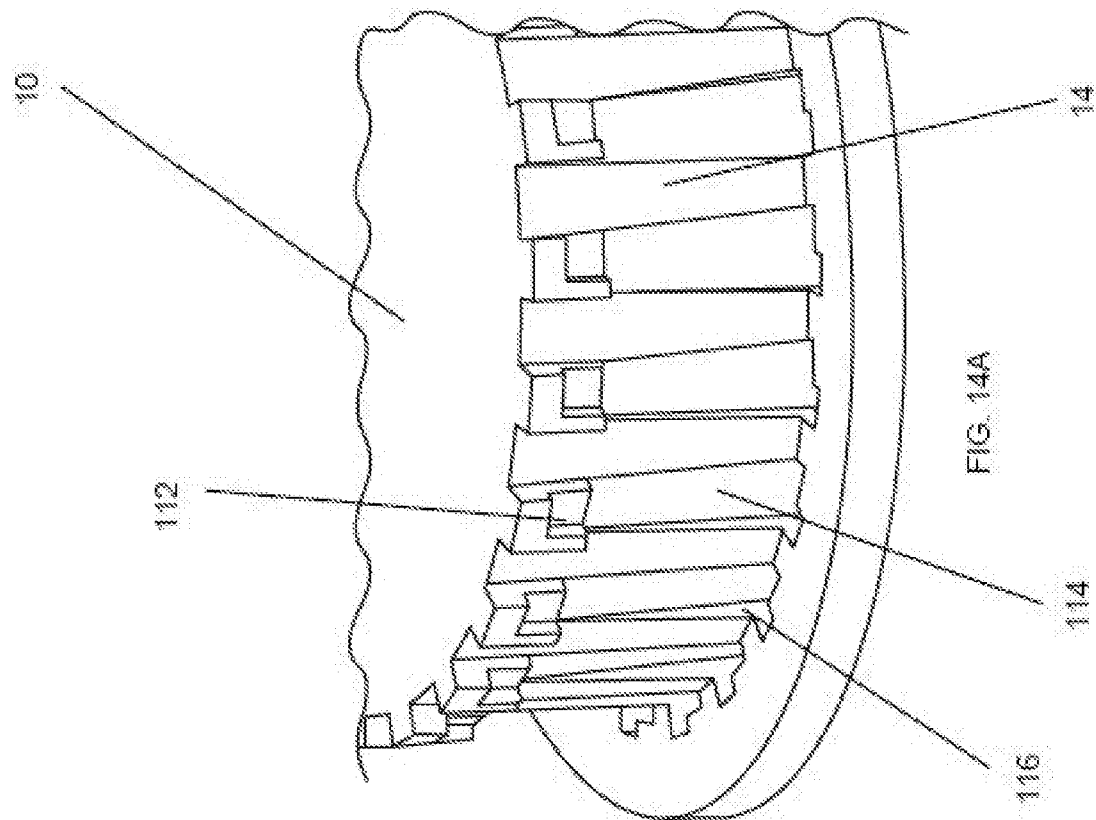


FIG. 13



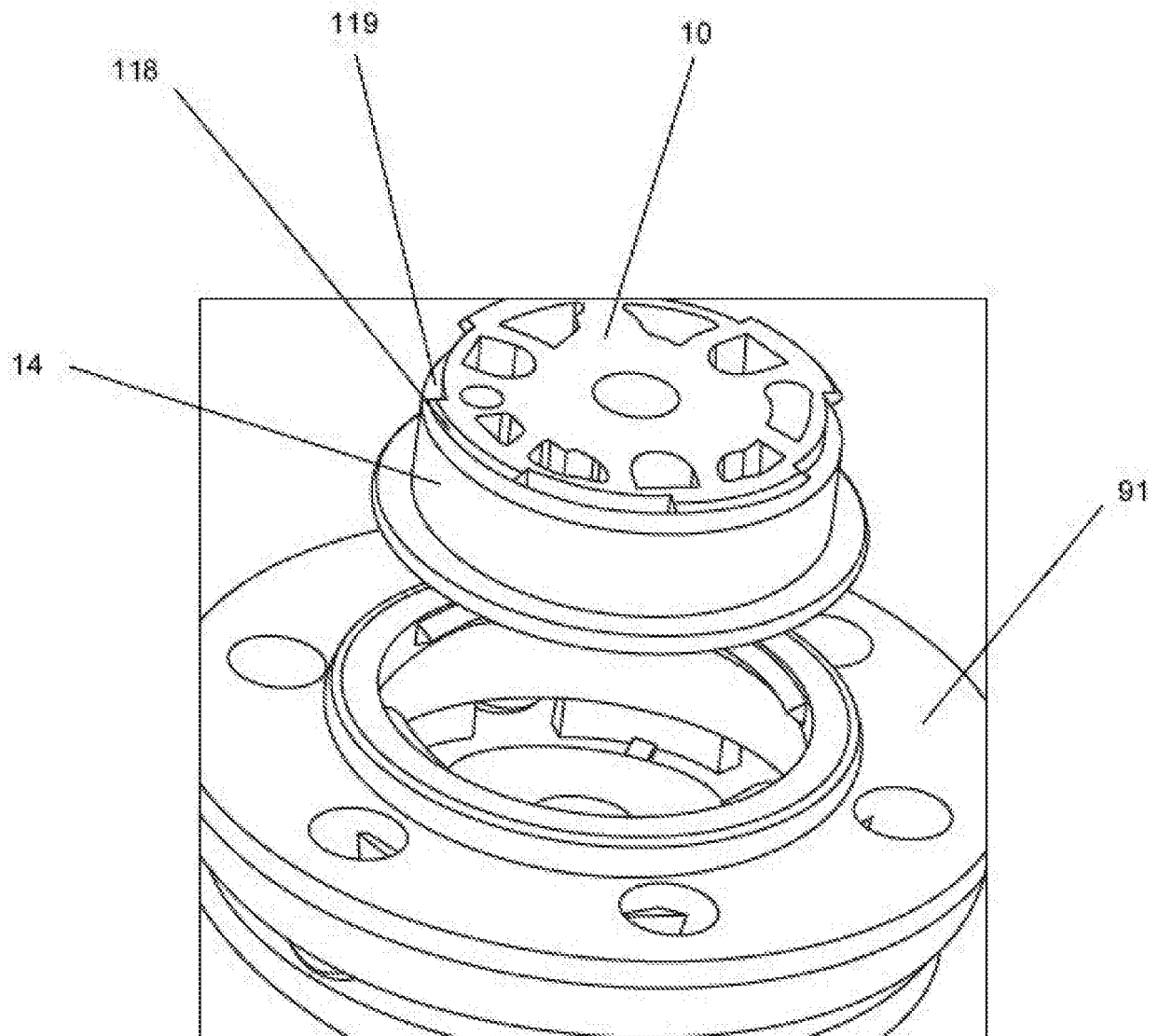
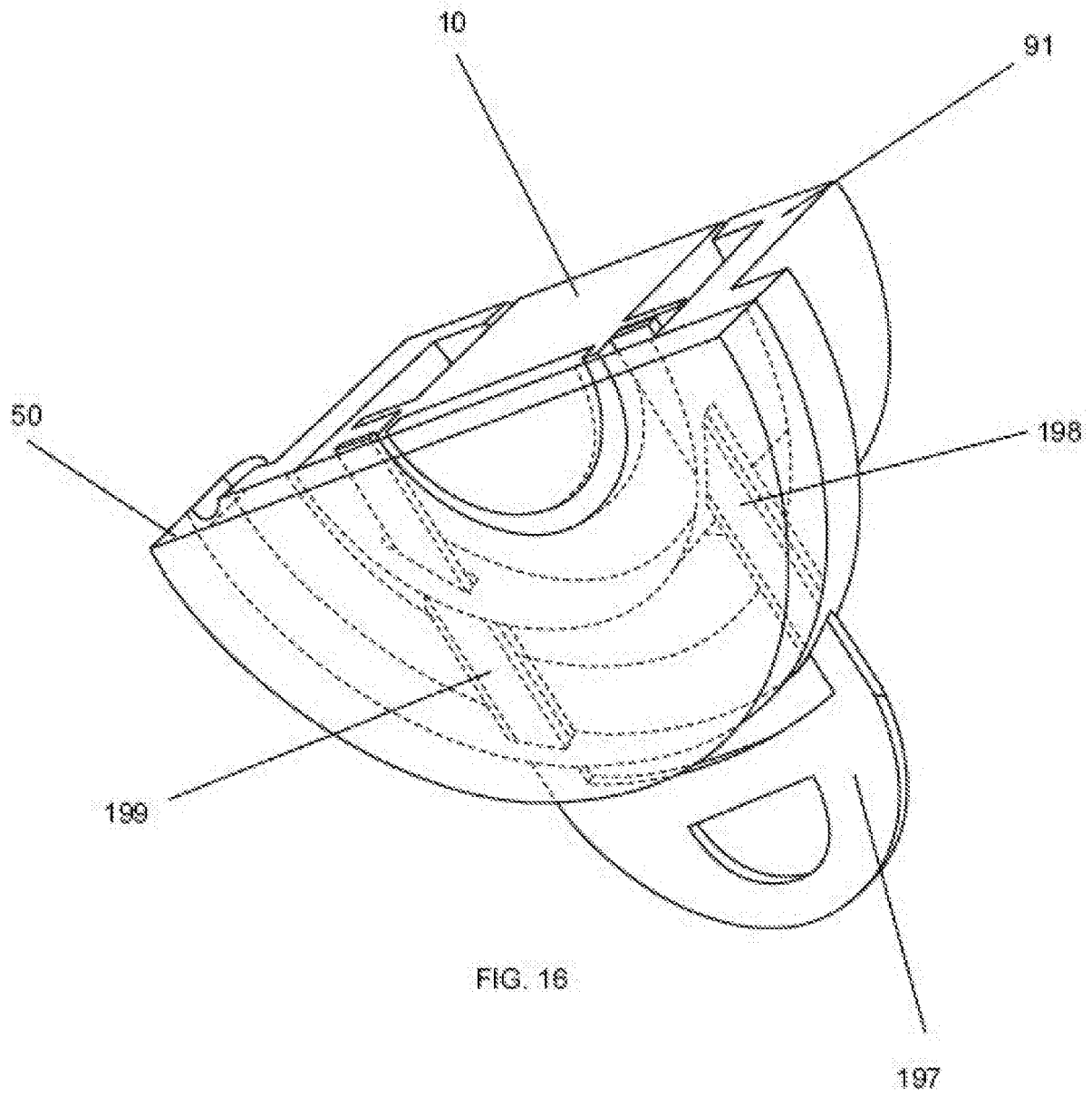
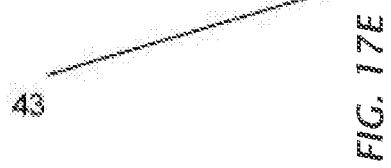
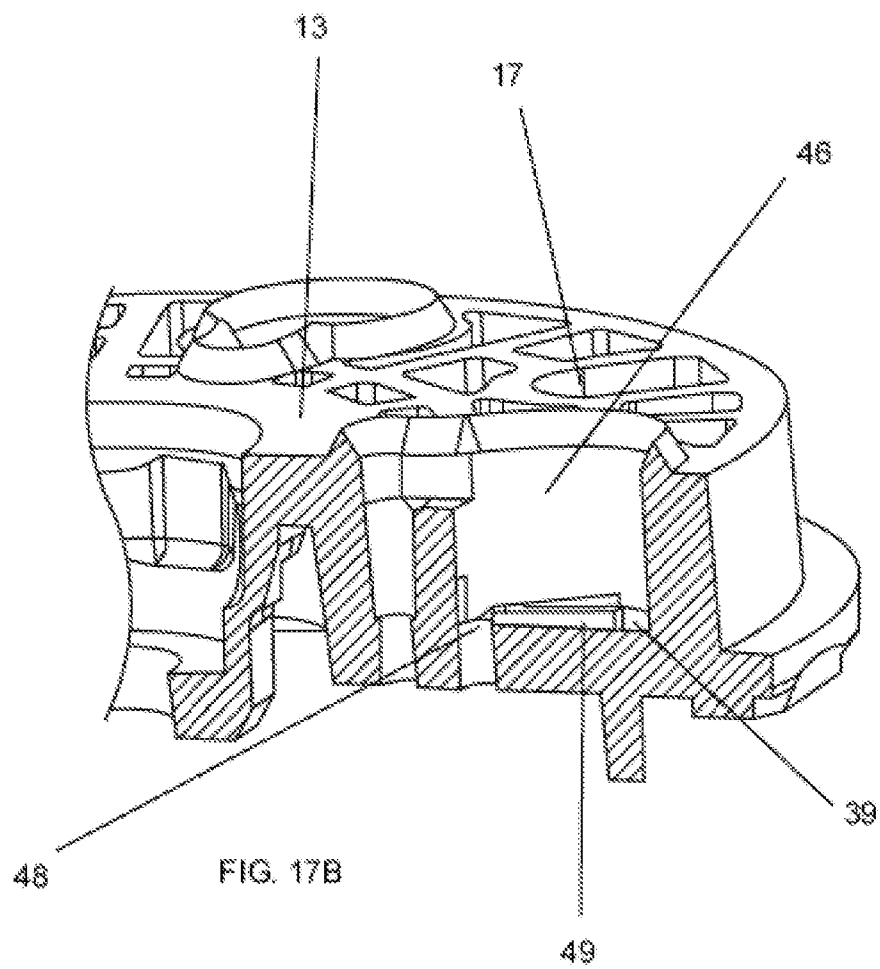
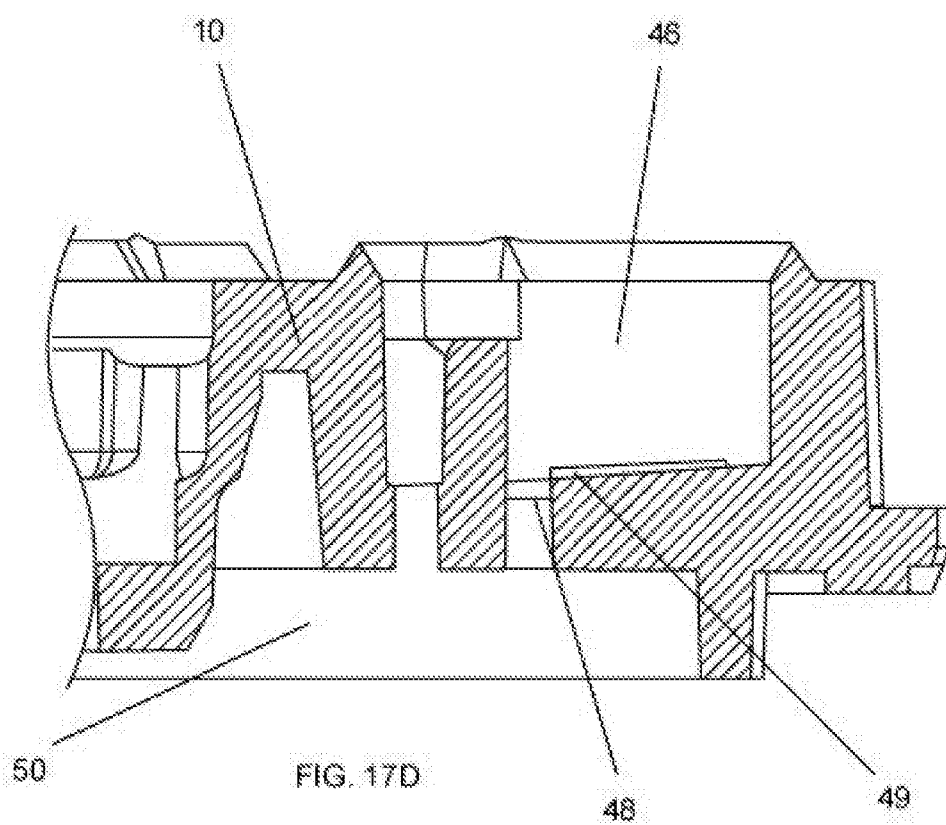
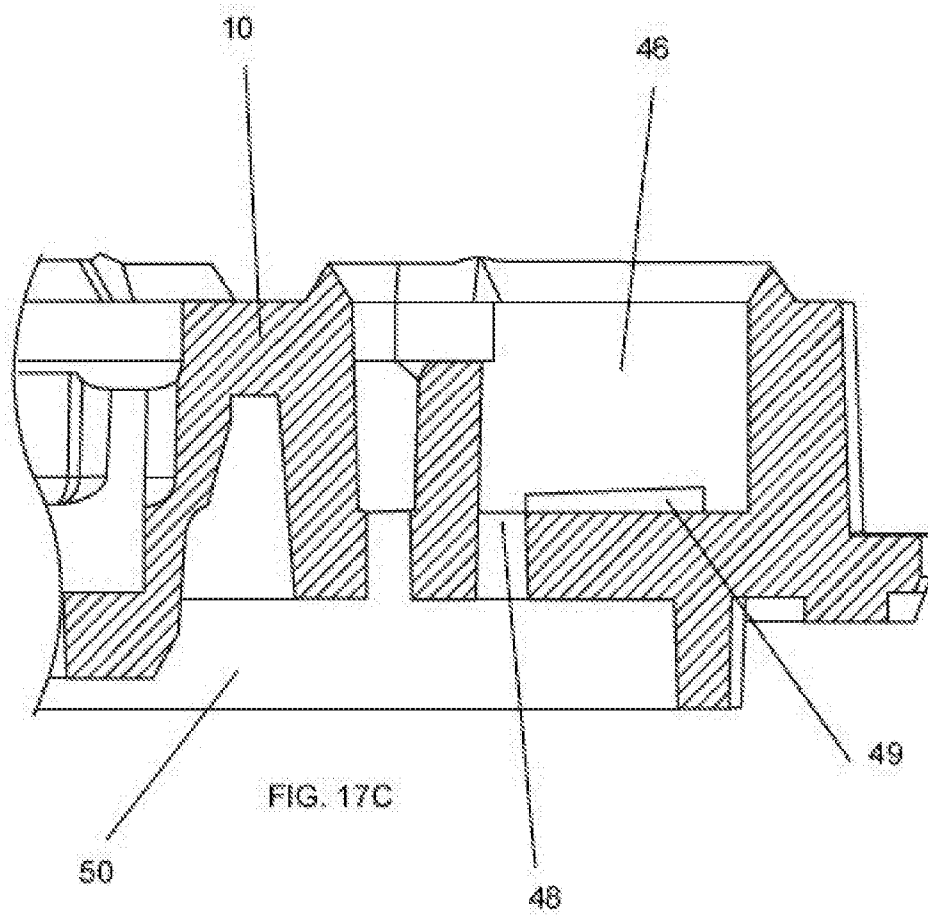


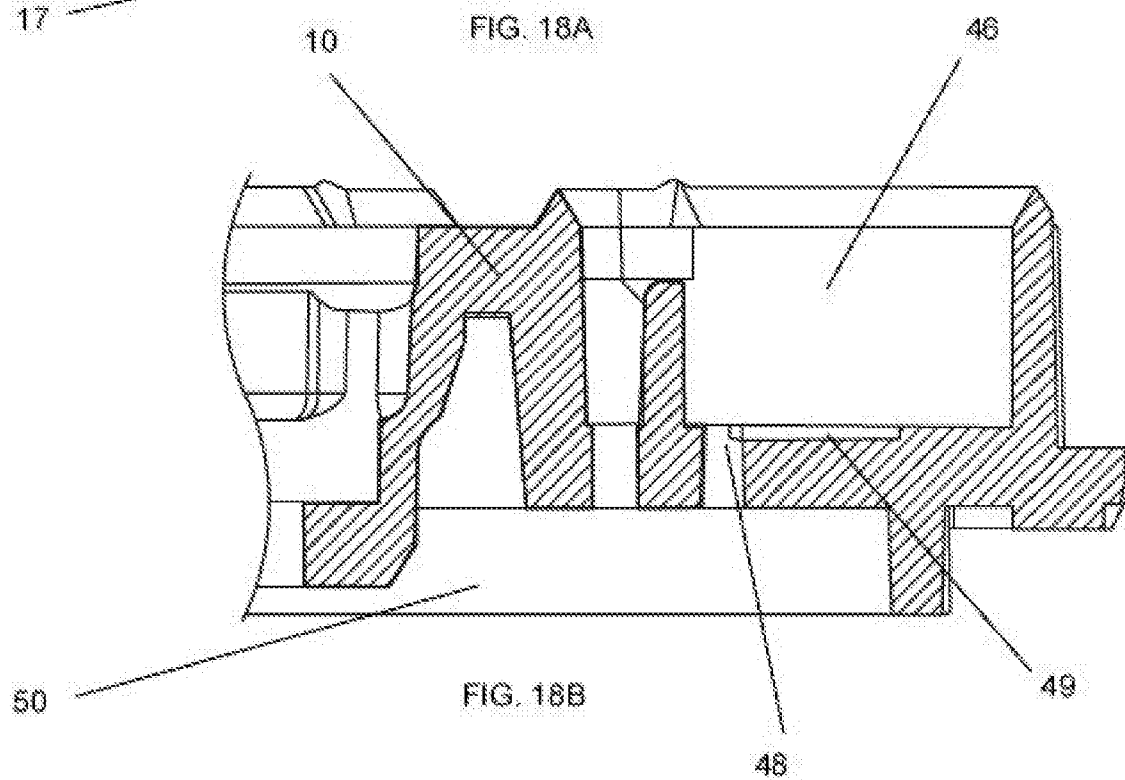
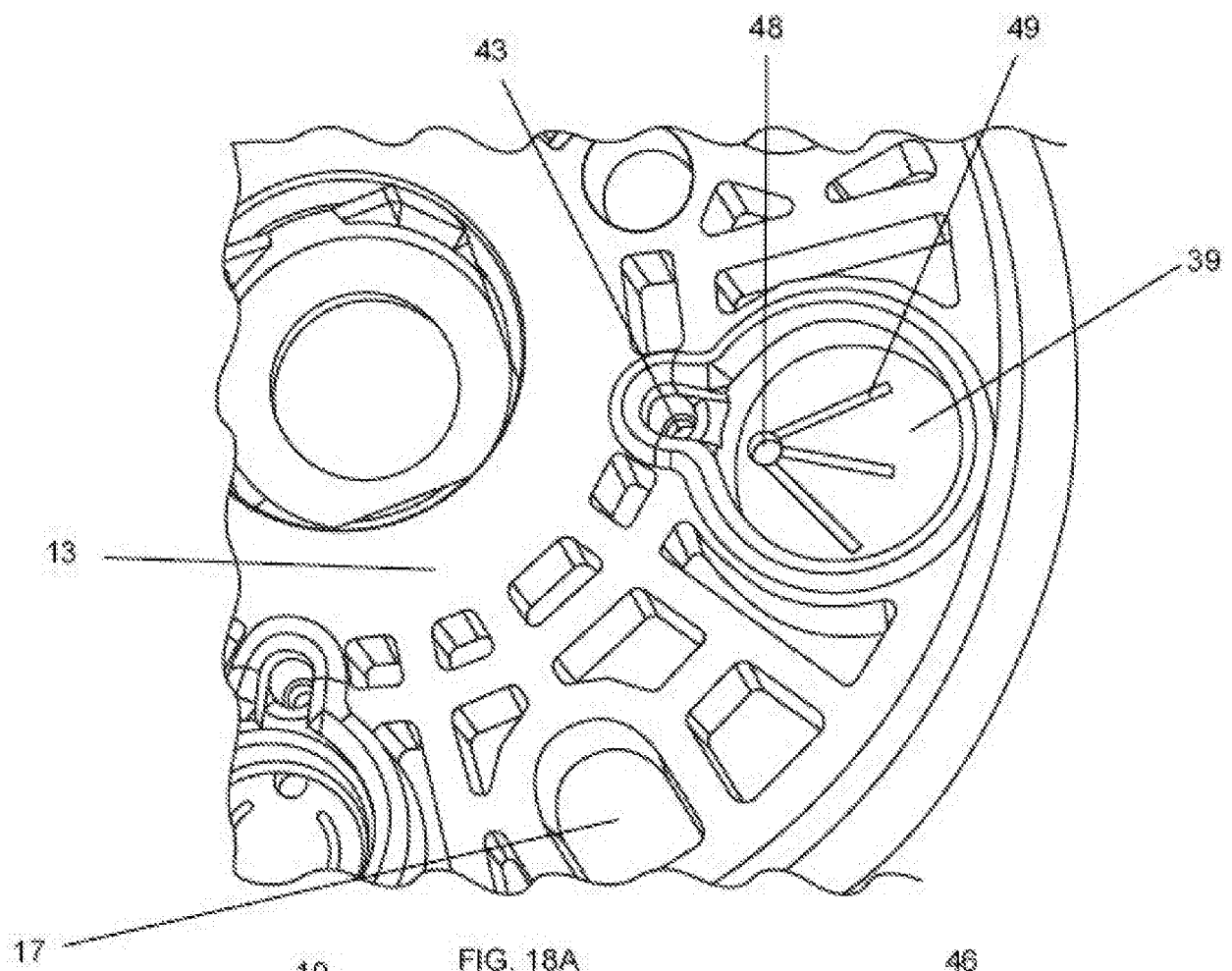
FIG. 15

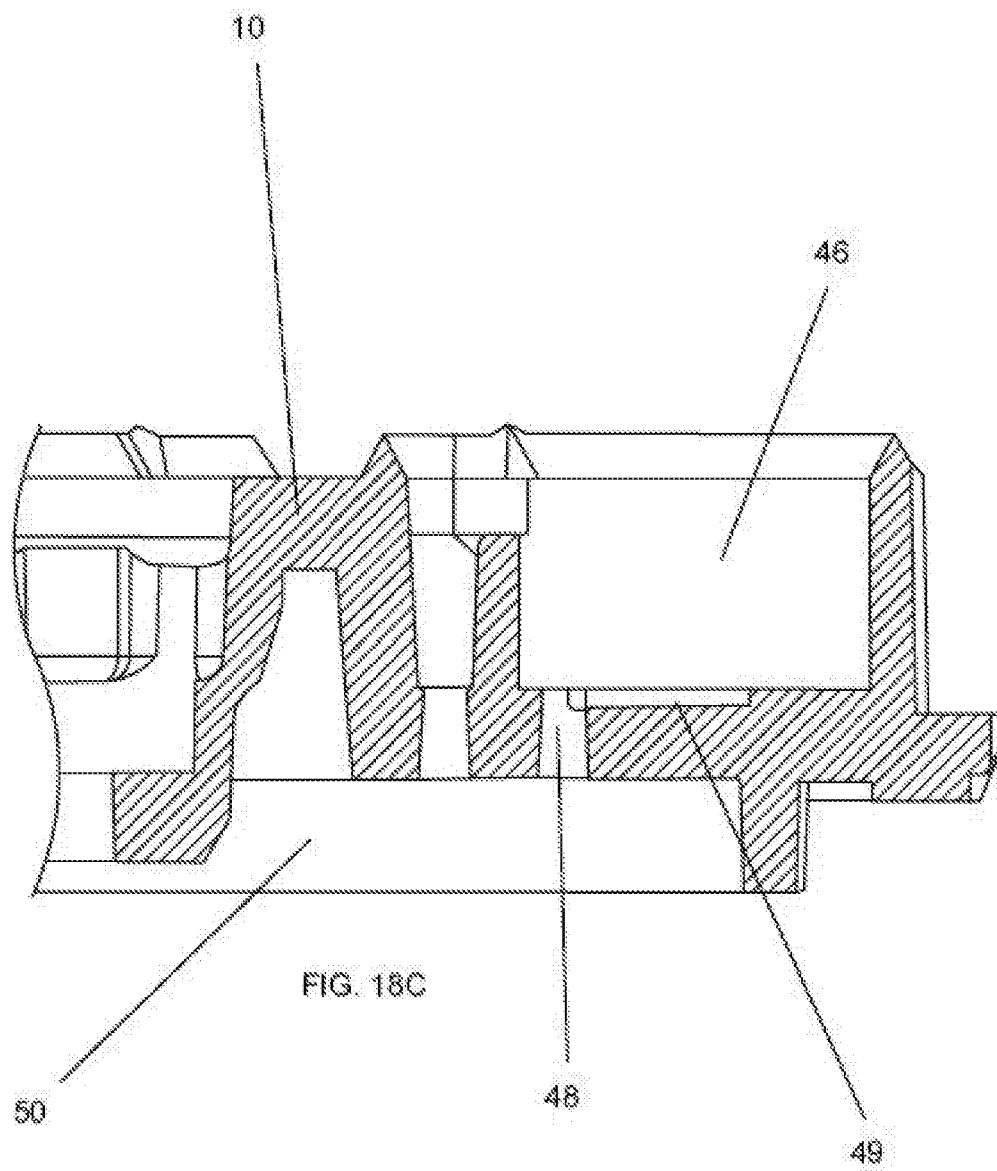












Step	Position
0	Storage
1	Home
2	Sample Loading
3	Lysis / Mixing
4	Matrix Binding
5	Matrix Wash
6	Matrix Drying
7	Analyte Elution
8	Reagent Mixing - 1
9	Reagent Mixing - 2
10	Amplification Well Filling

FIG.19

Step 0

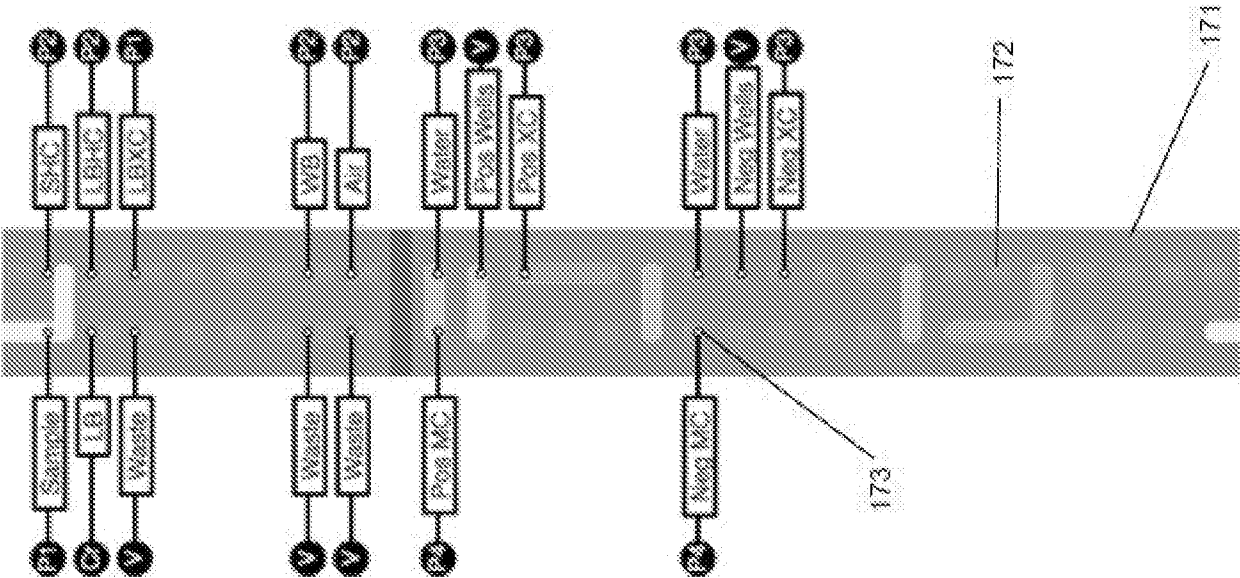


FIG. 20A

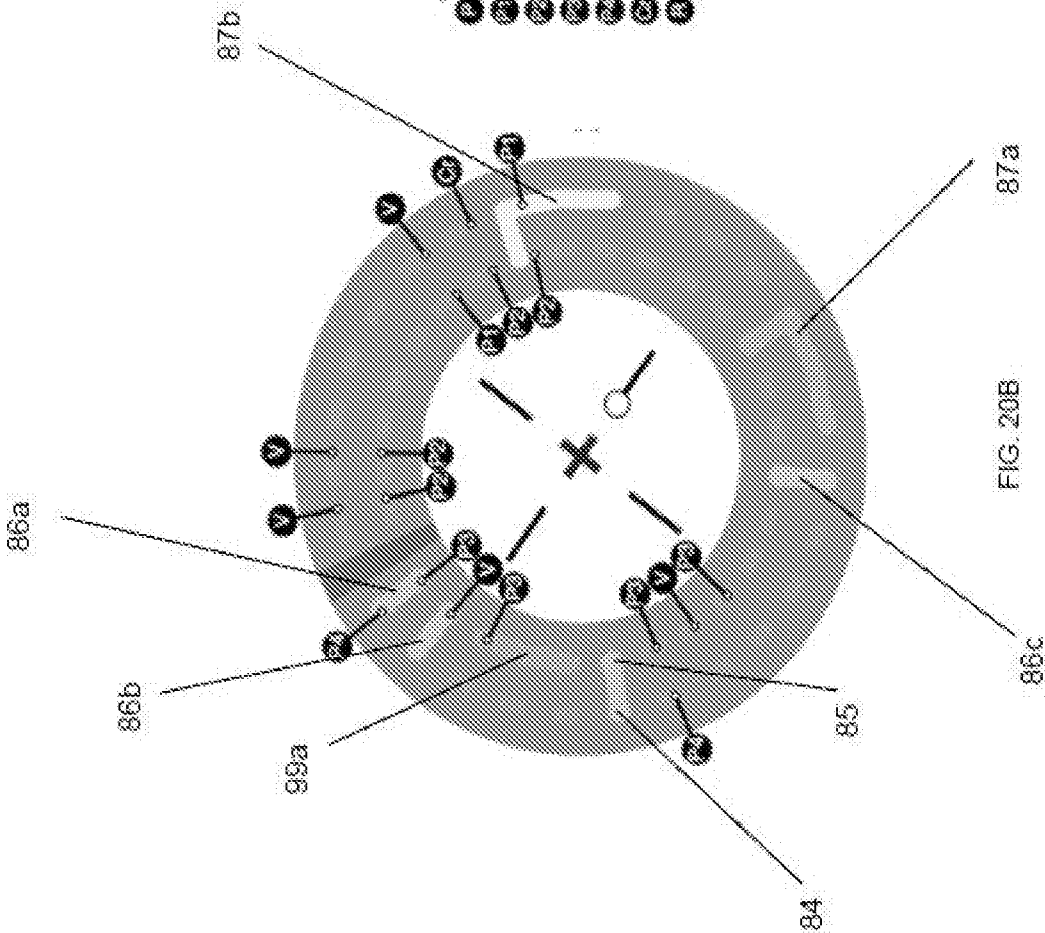


FIG. 20B

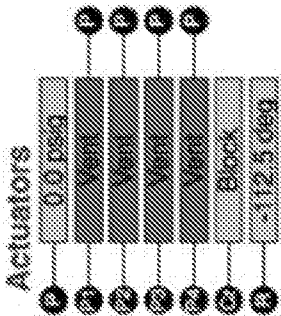


FIG. 20C

Step 2

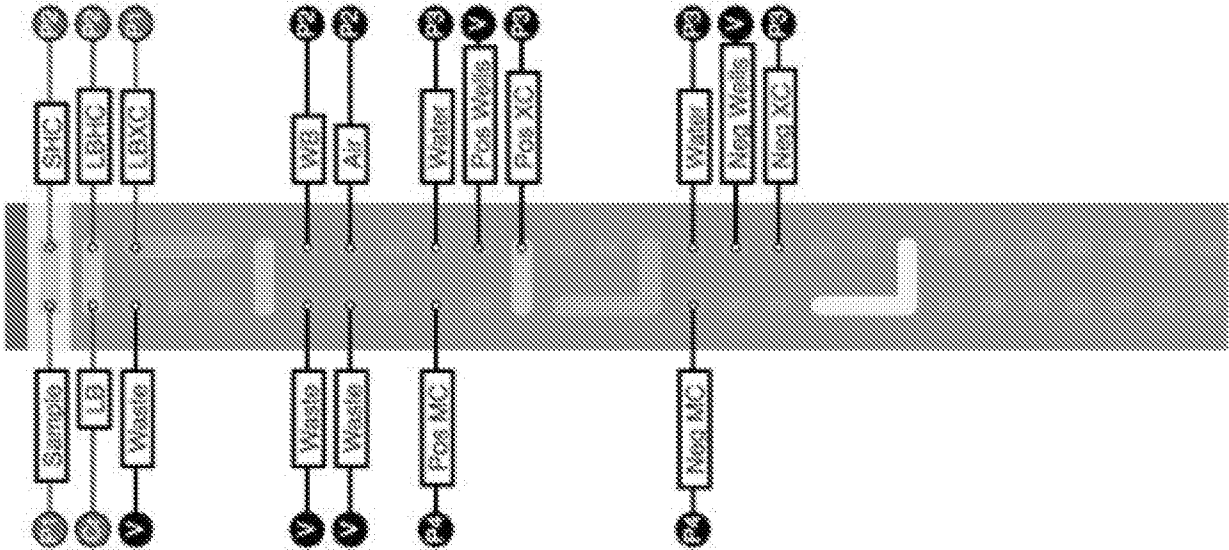


FIG. 22A

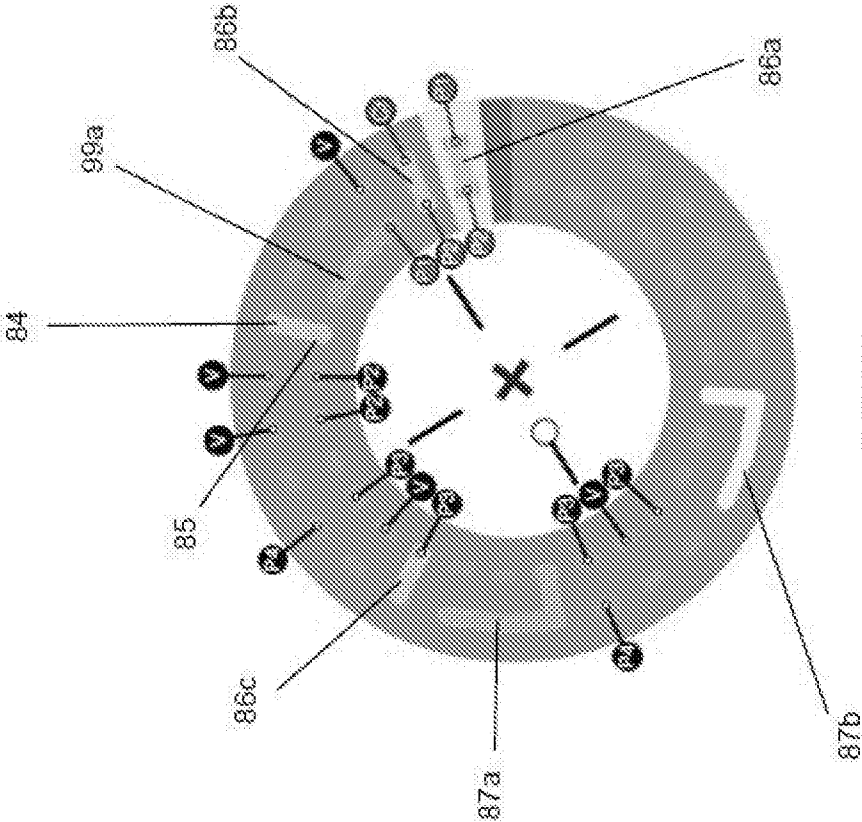


FIG. 22B

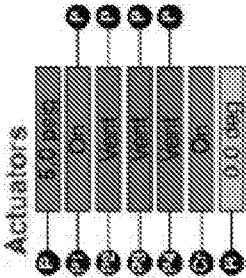


FIG. 22C

Step 3

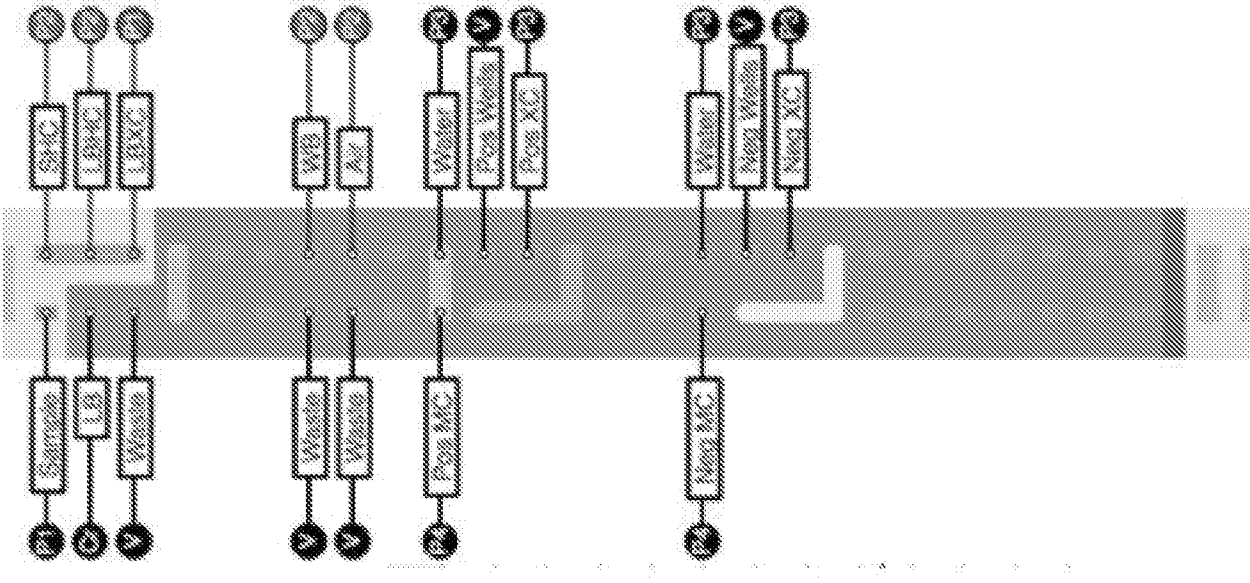


FIG. 23A

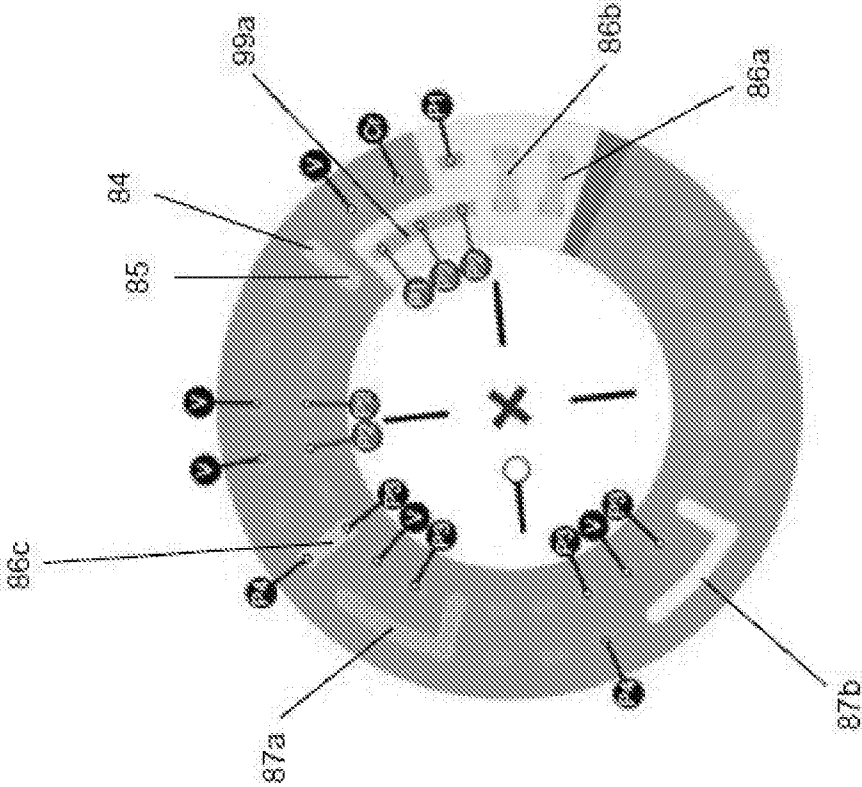


FIG. 23B

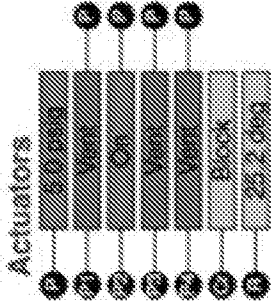


FIG. 23C

Step 4

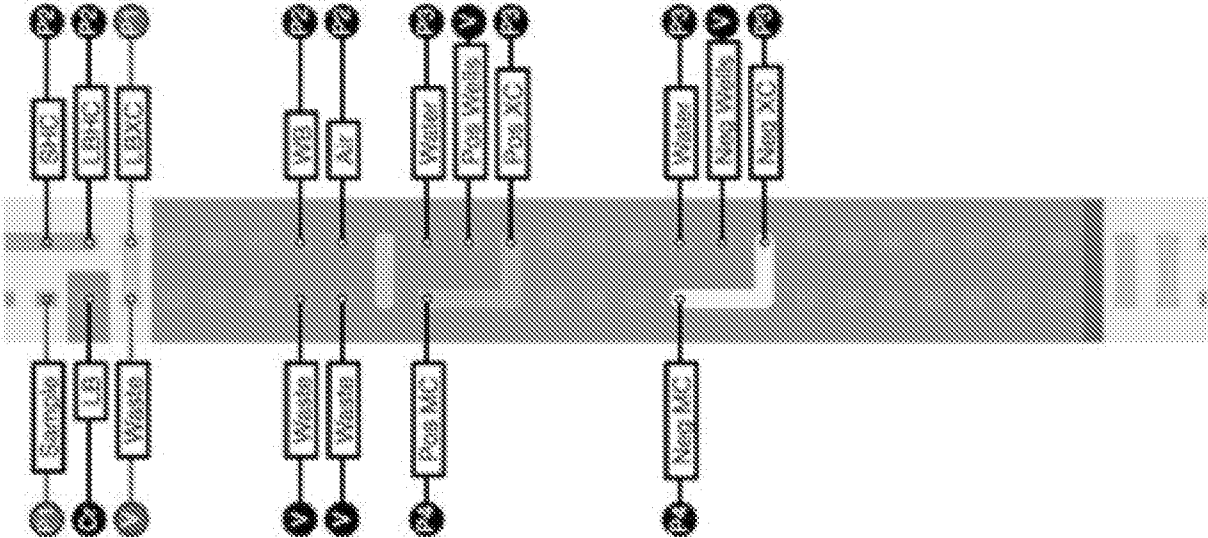


FIG. 24A

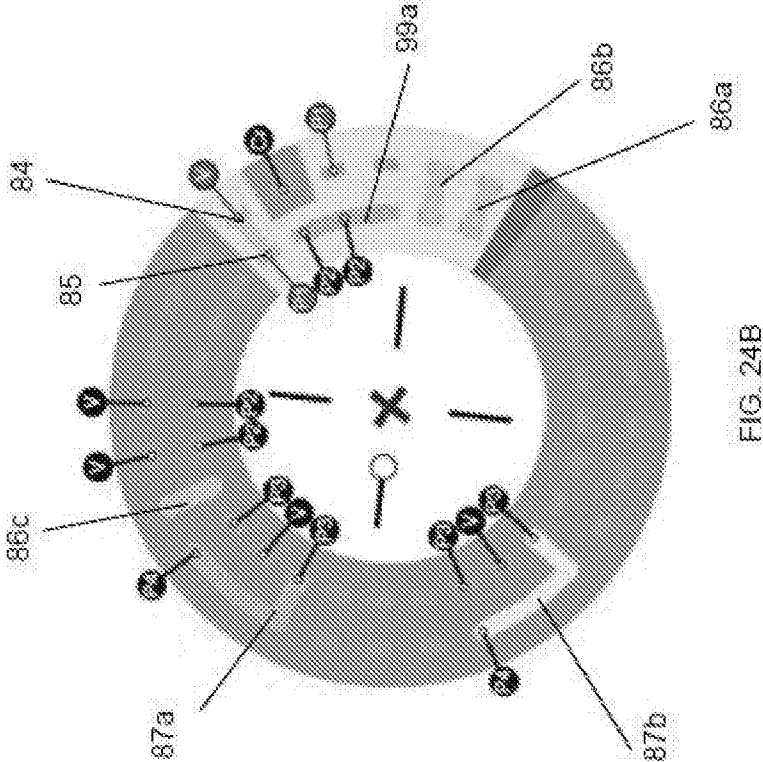


FIG. 24B

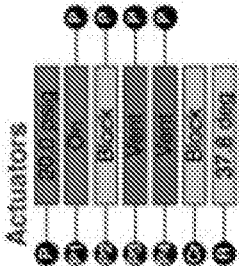


FIG. 24C

Step 5

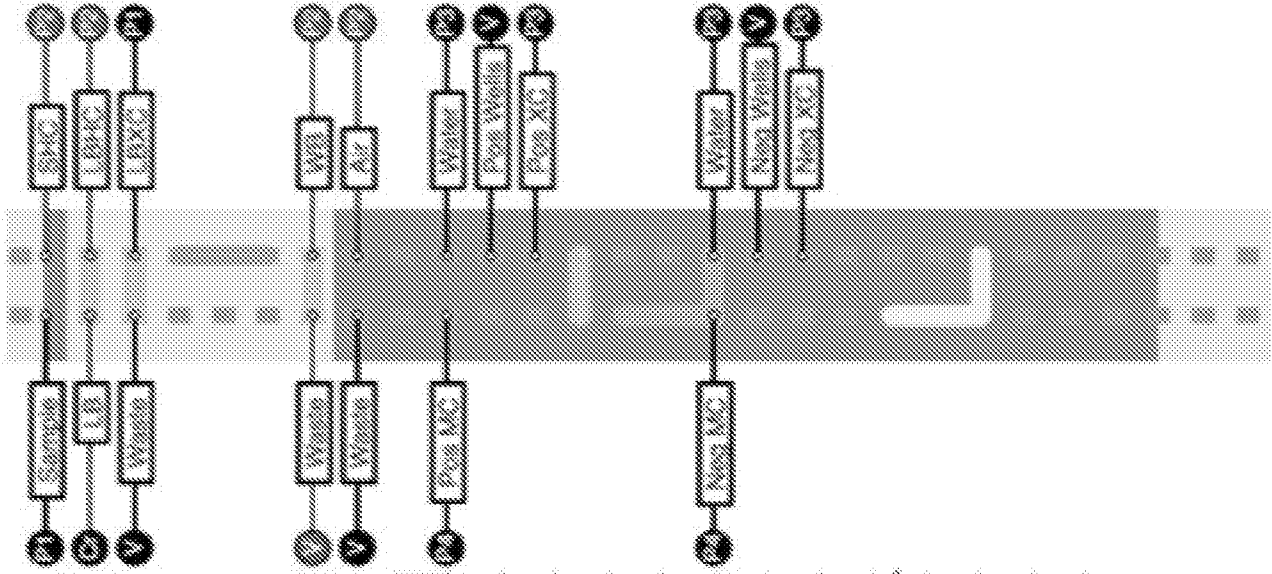


FIG. 25A

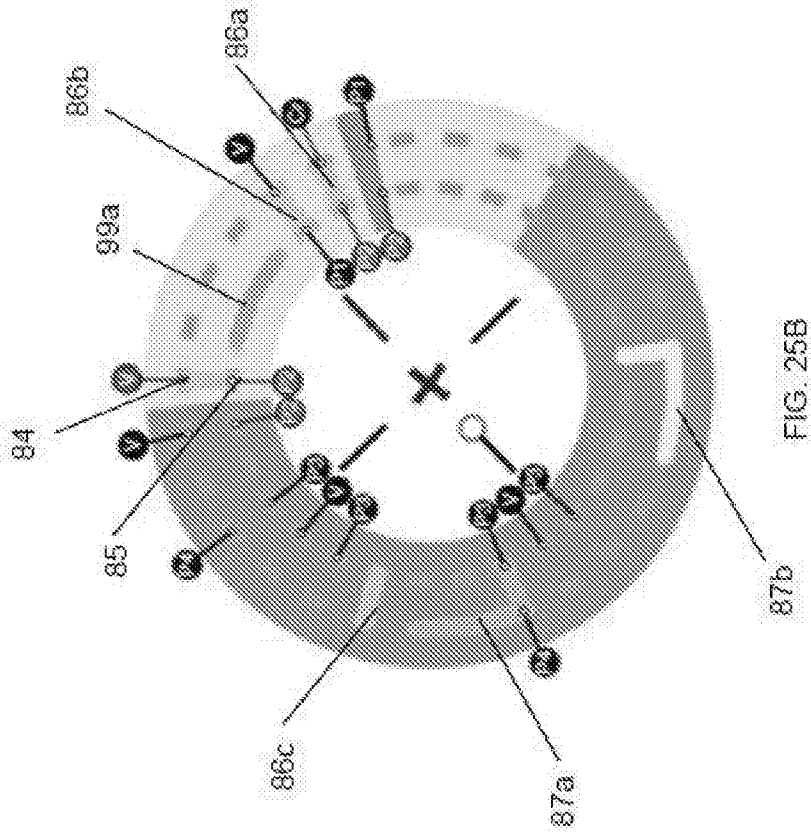


FIG. 25B

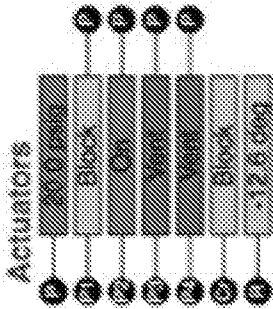


FIG. 25C

Step 6

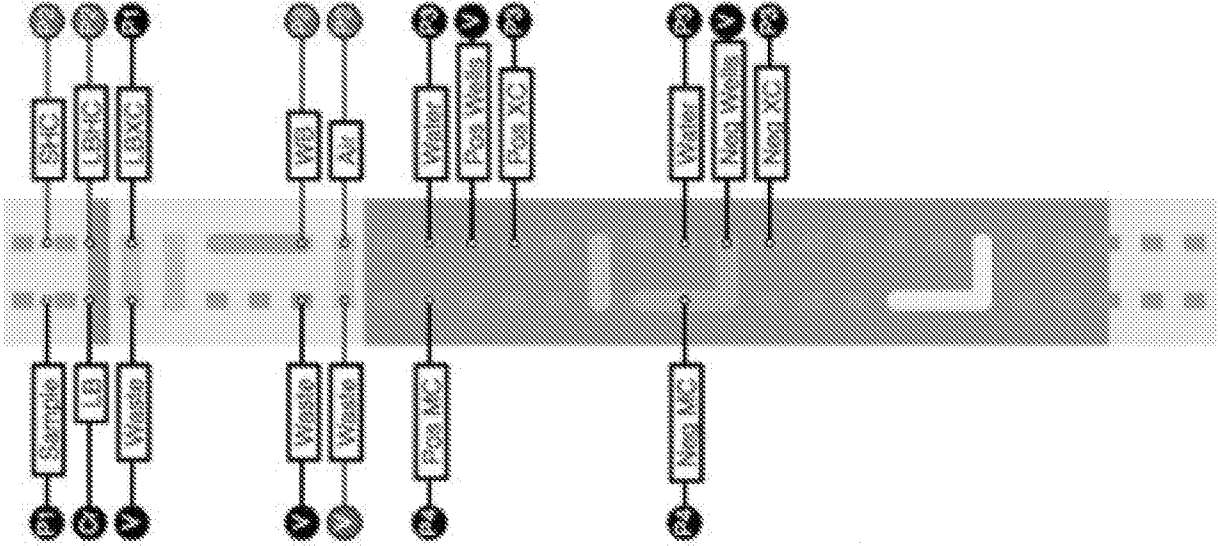


FIG. 26A

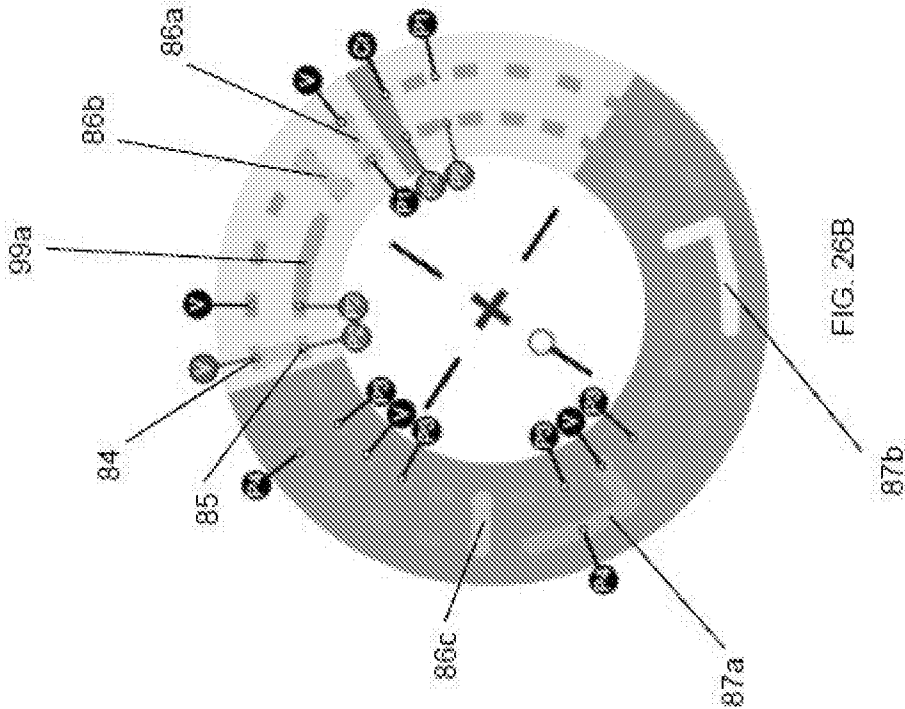


FIG. 26B

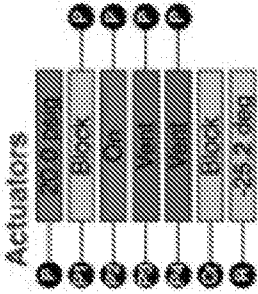


FIG. 26C

Step 7

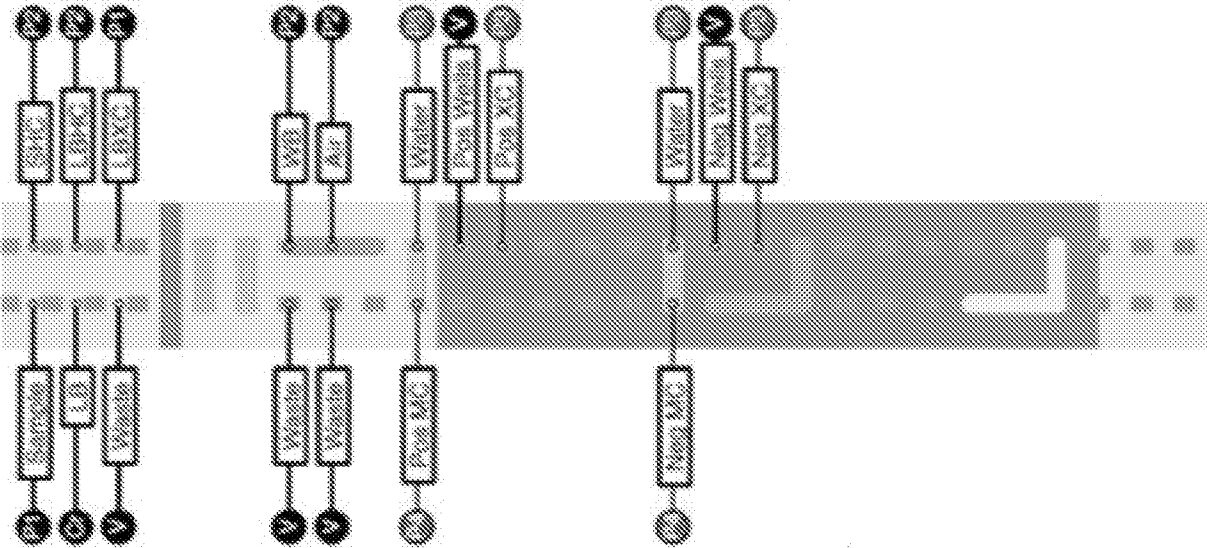


FIG. 27A

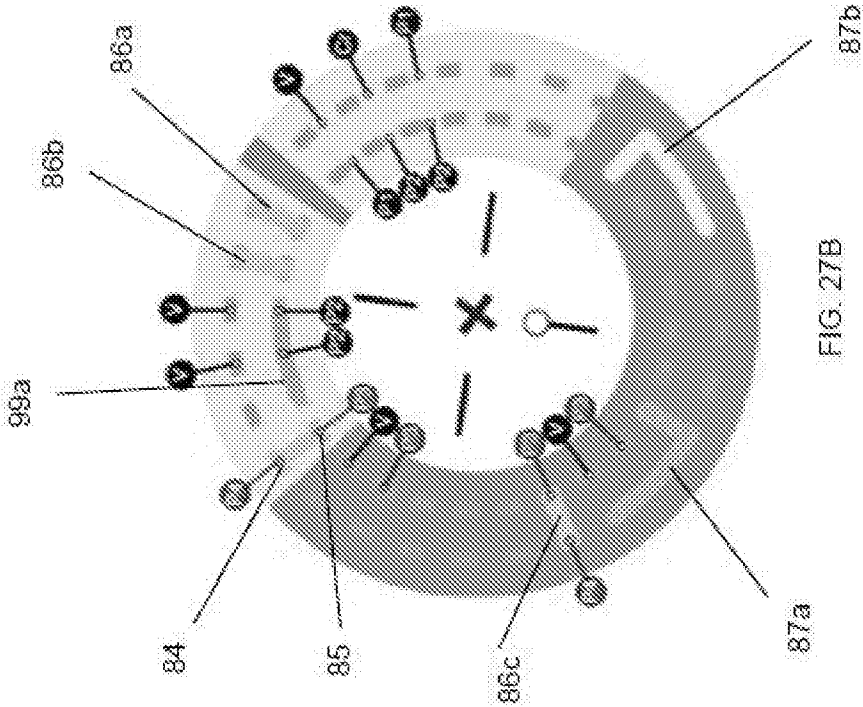


FIG. 27B

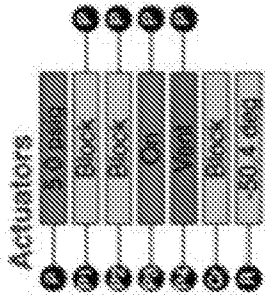


FIG. 27C

Step 8

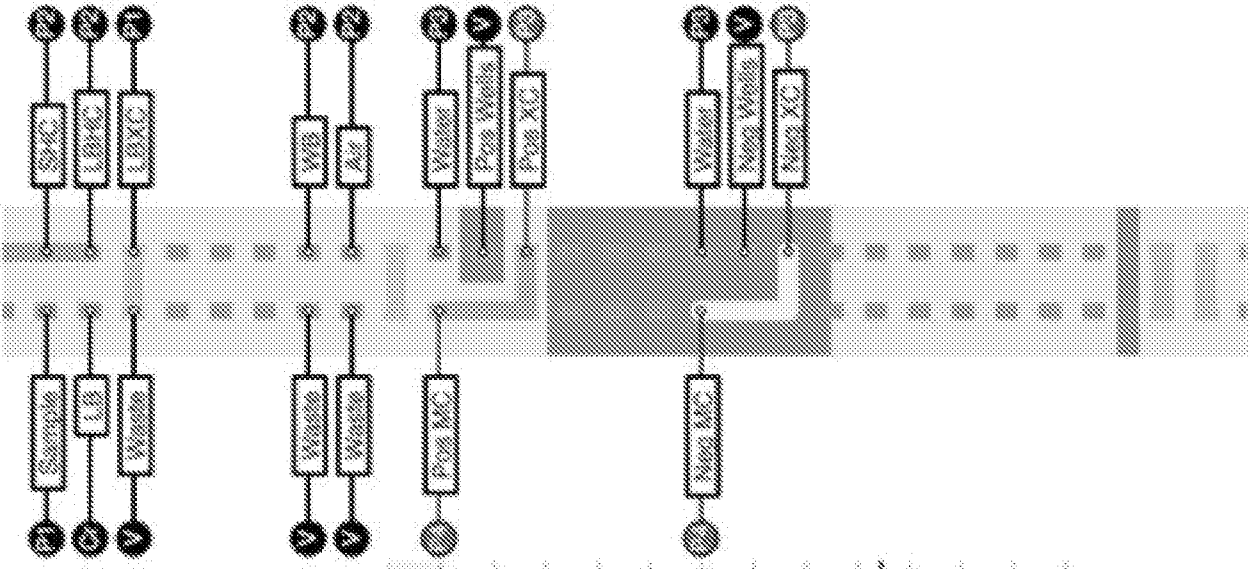


FIG. 28A

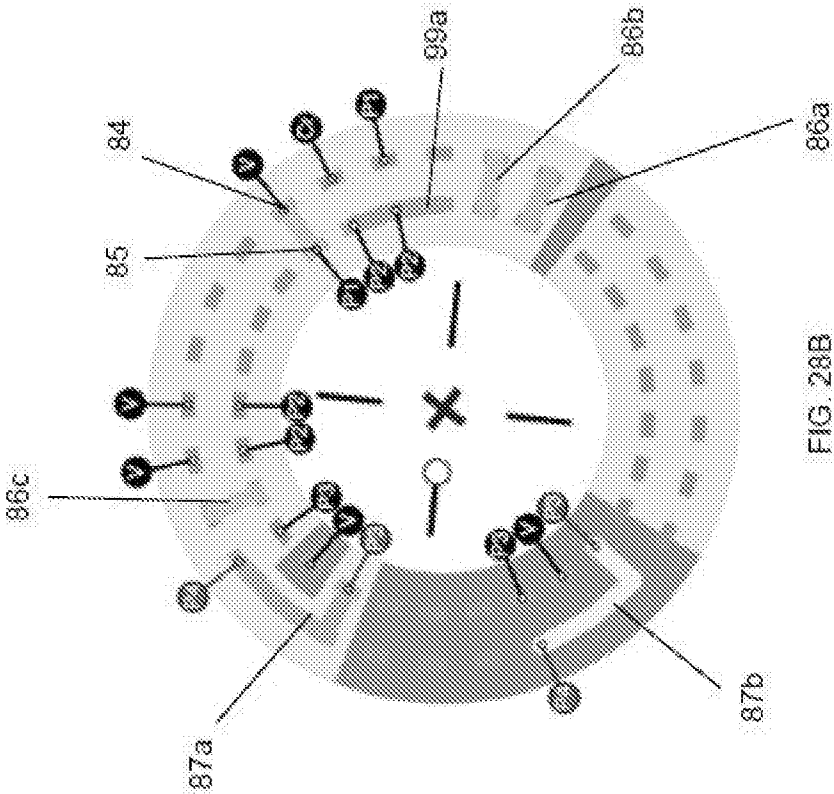


FIG. 28B

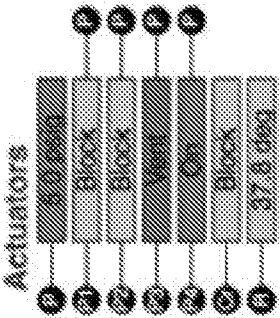


FIG. 28C

Step 10

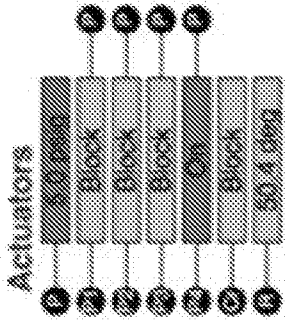
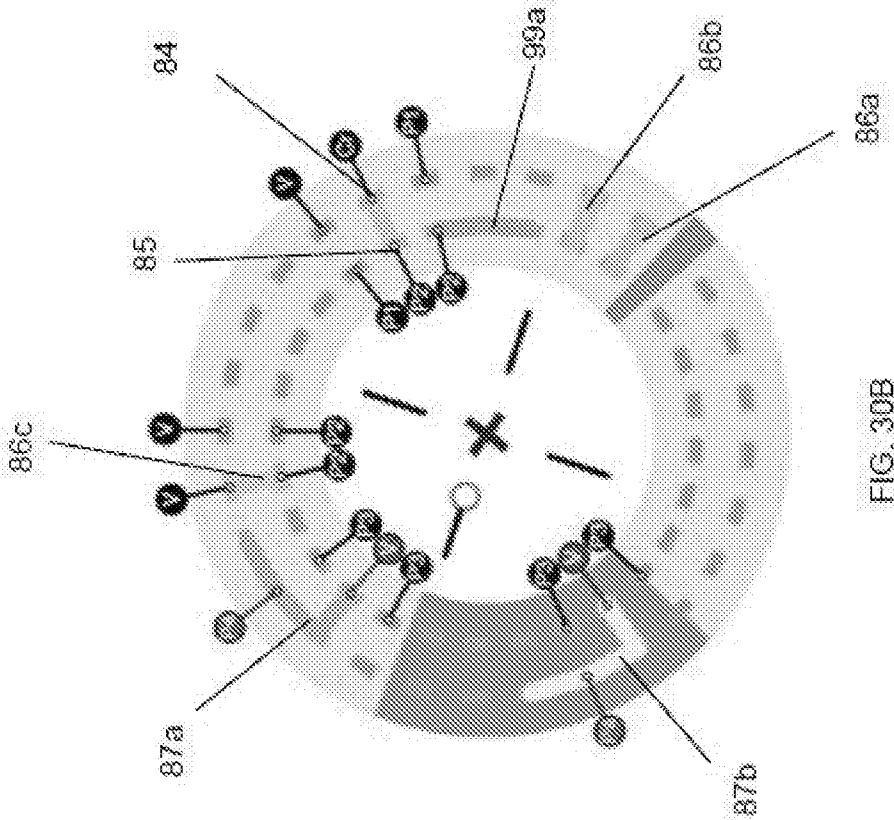
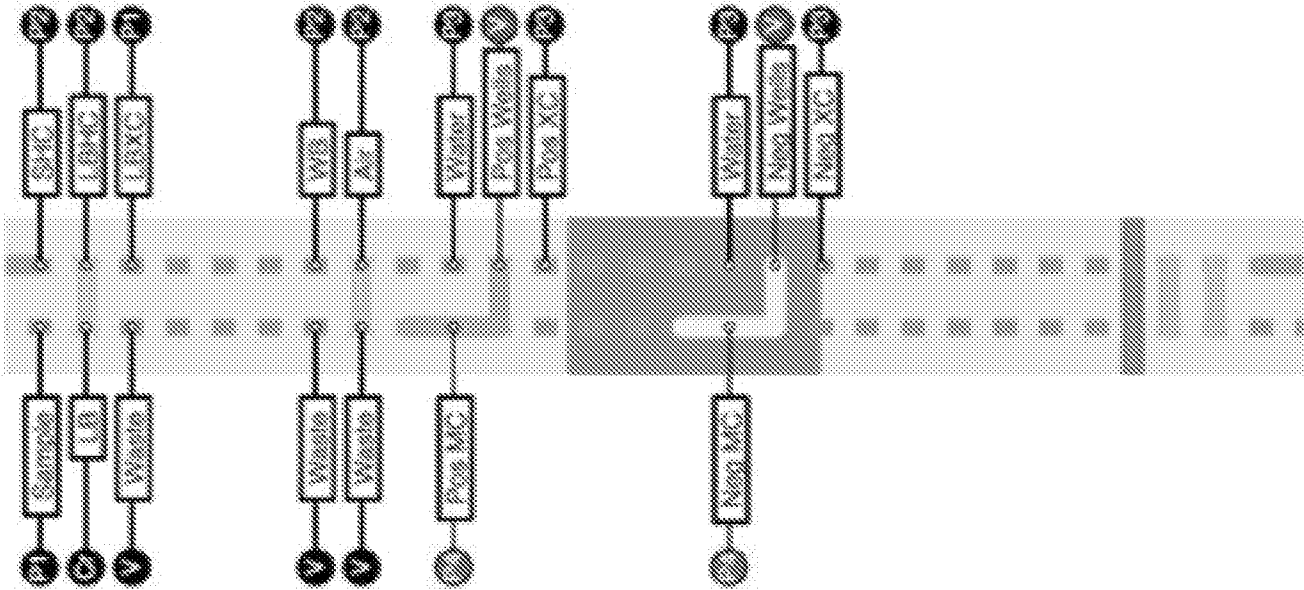


FIG. 30A