

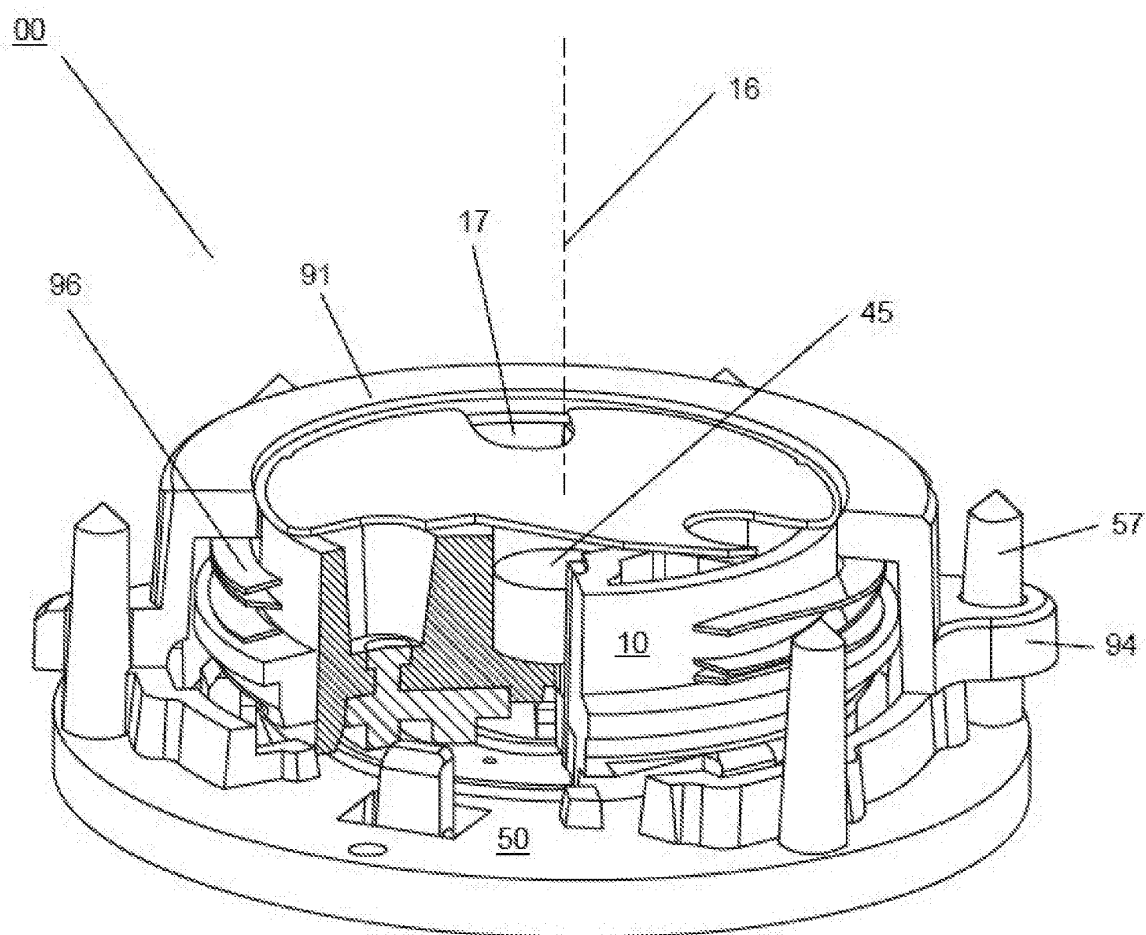


FIG. 1A

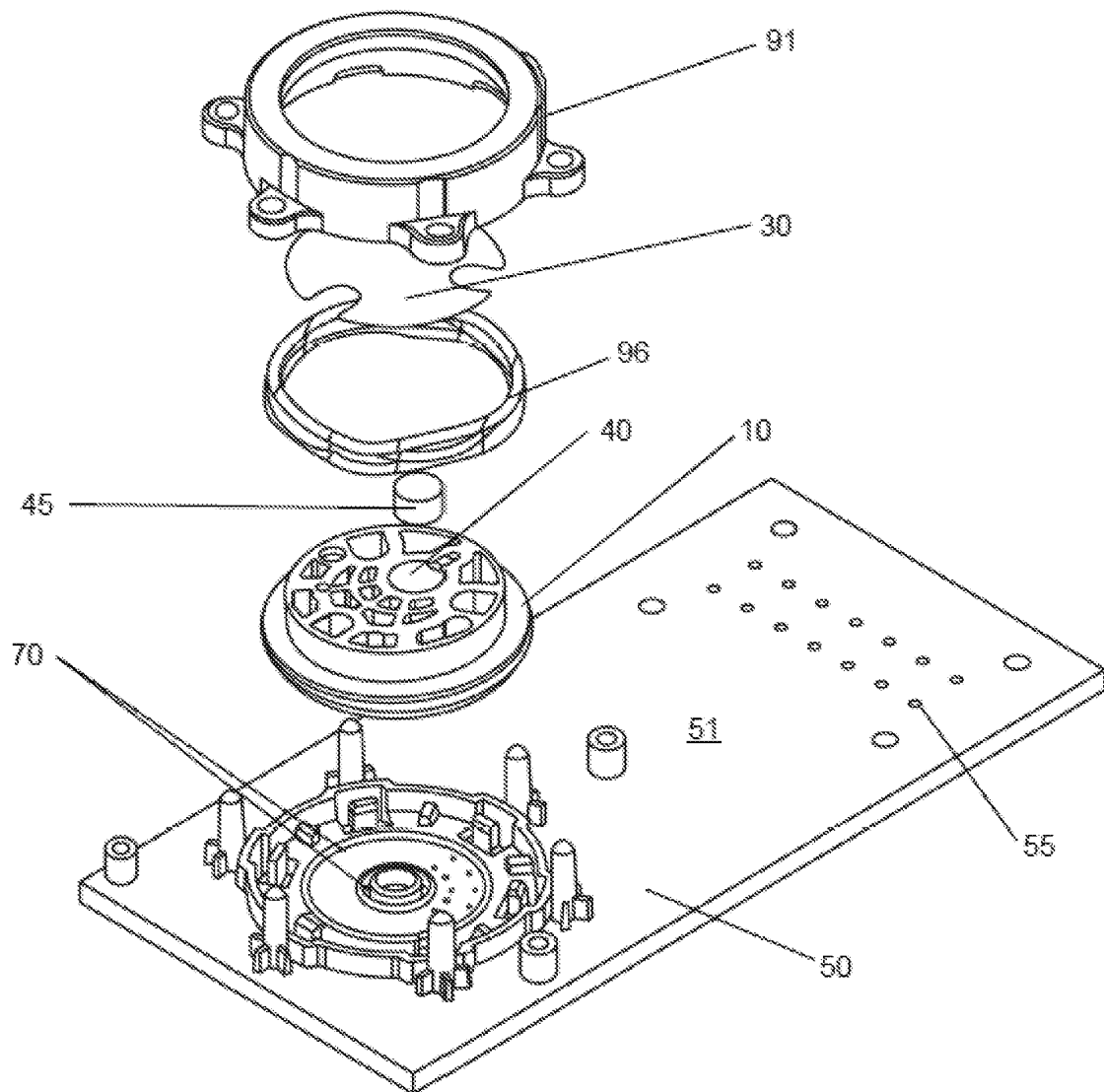


FIG. 1 B1

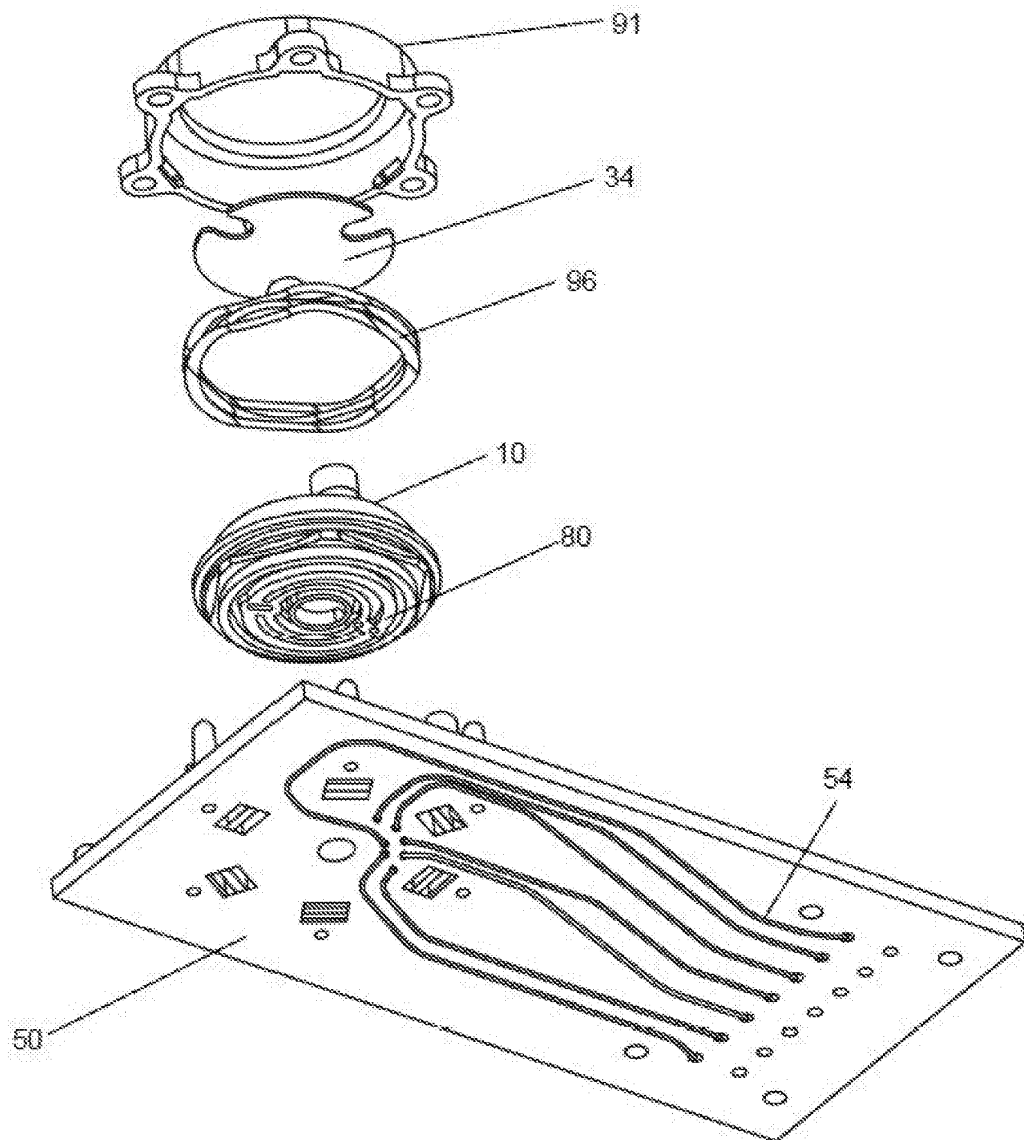


FIG. 1 B2

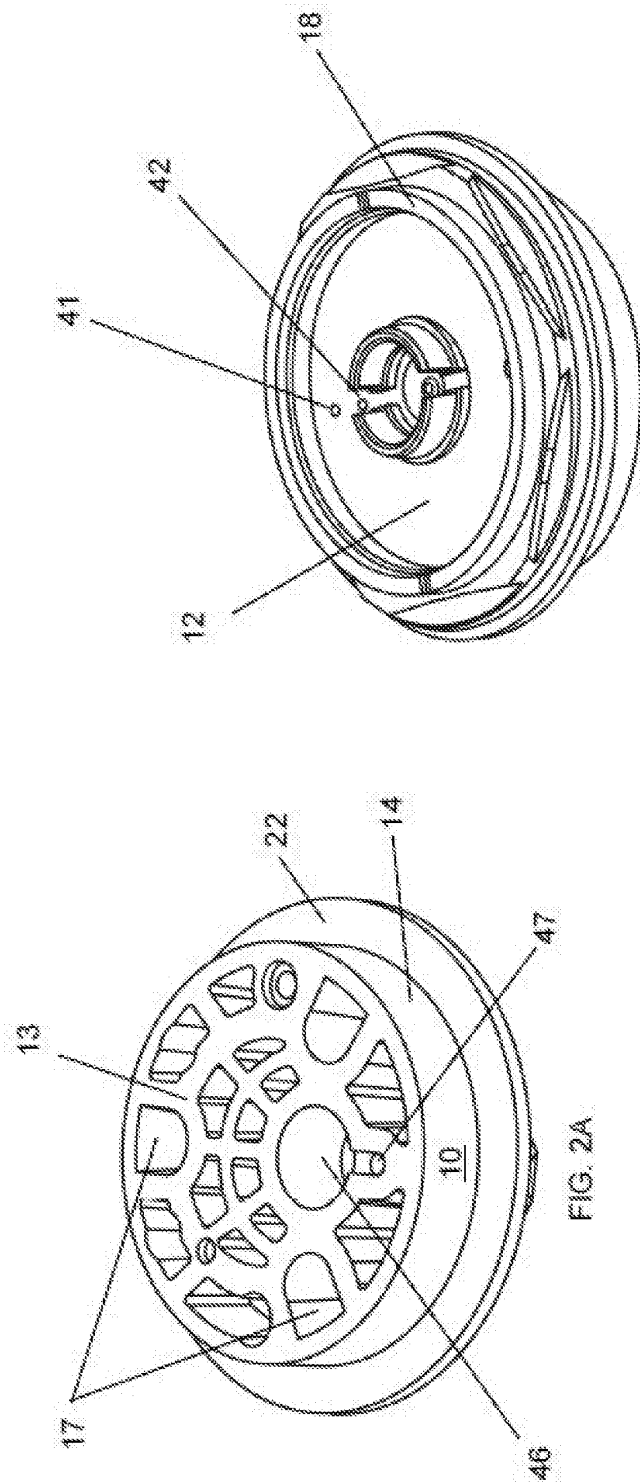


FIG. 2B

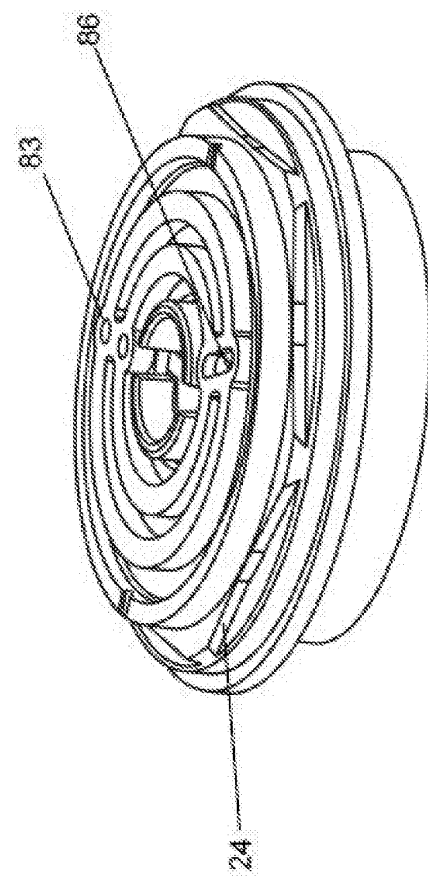


FIG. 2C

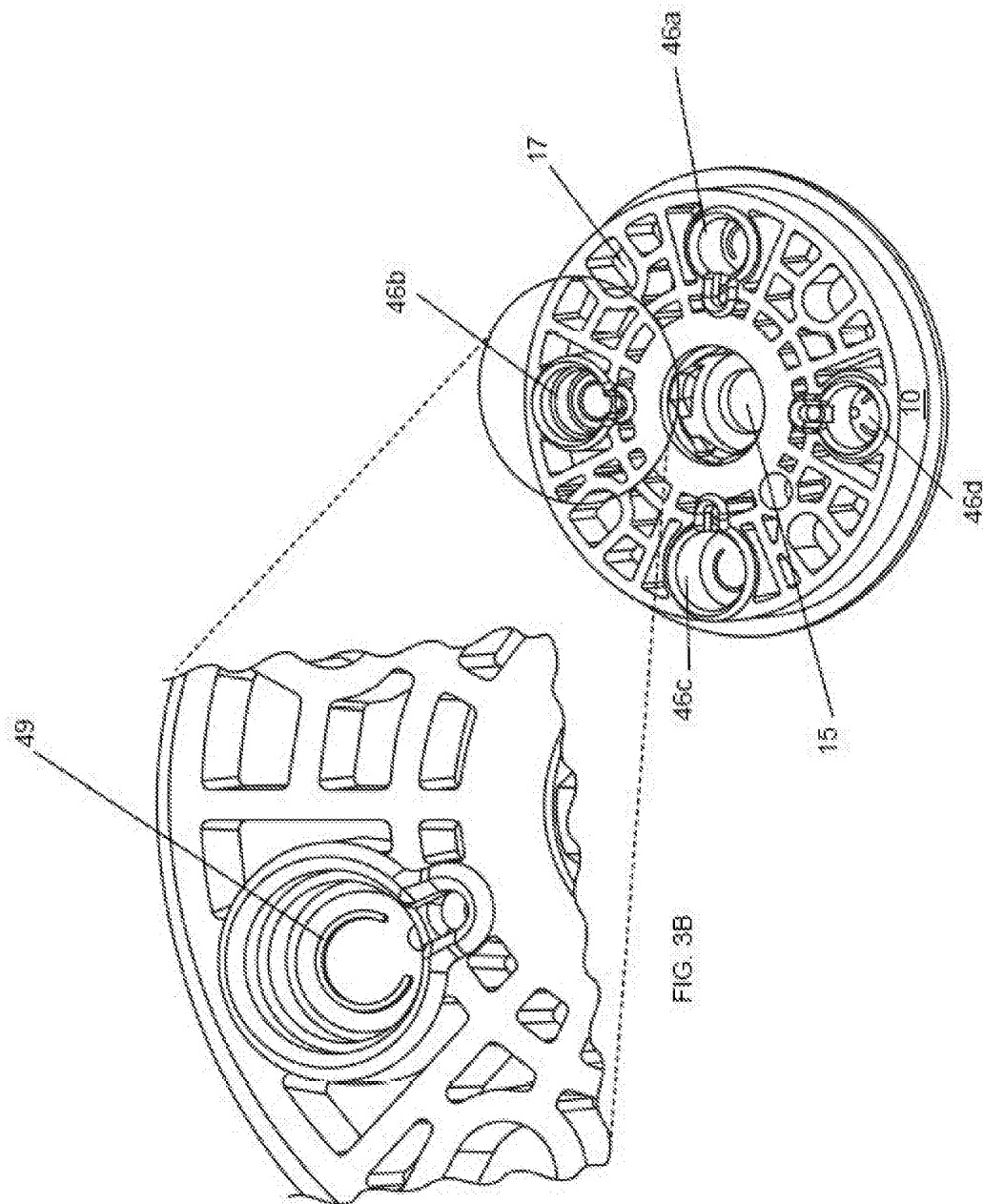


FIG. 3A

FIG. 3B

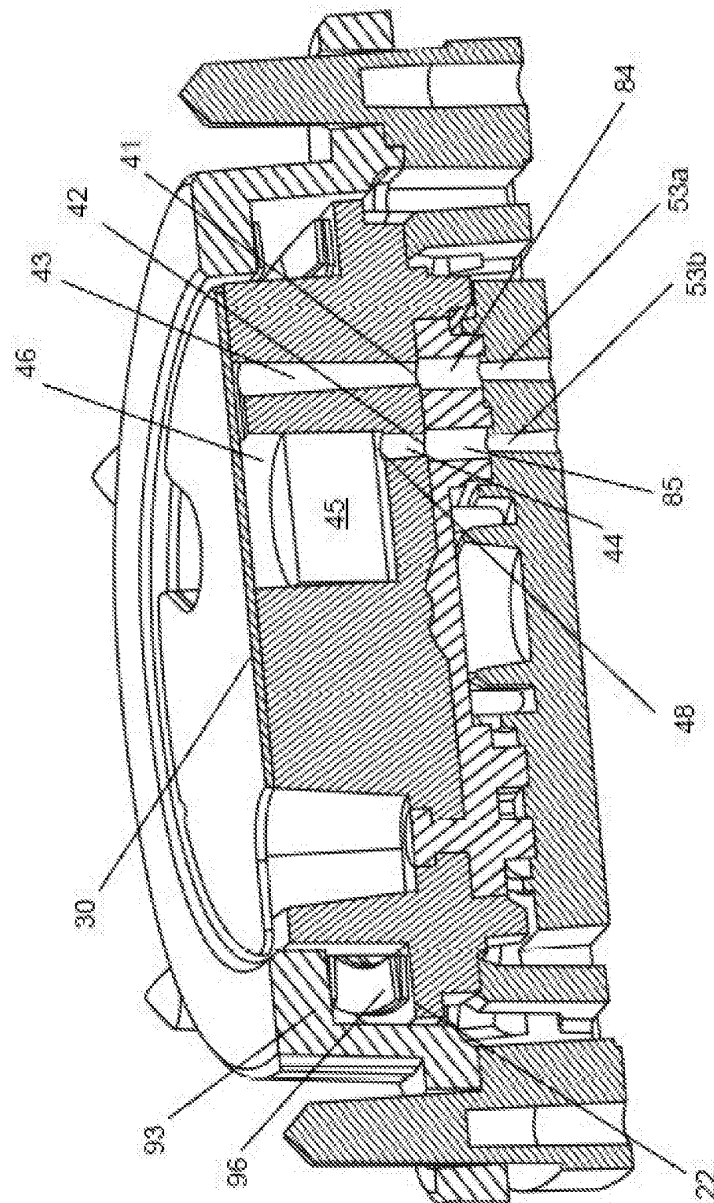
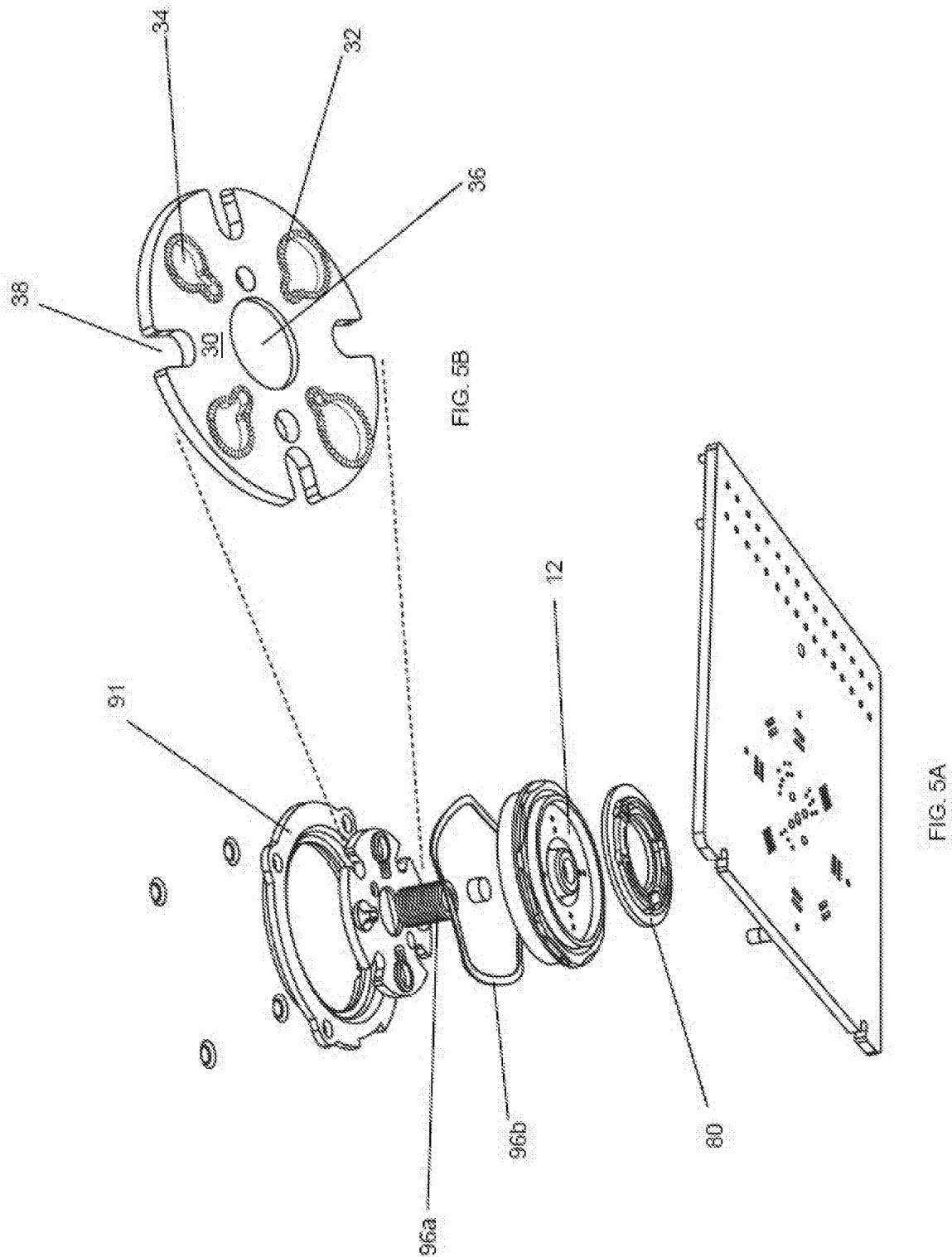


FIG. 4



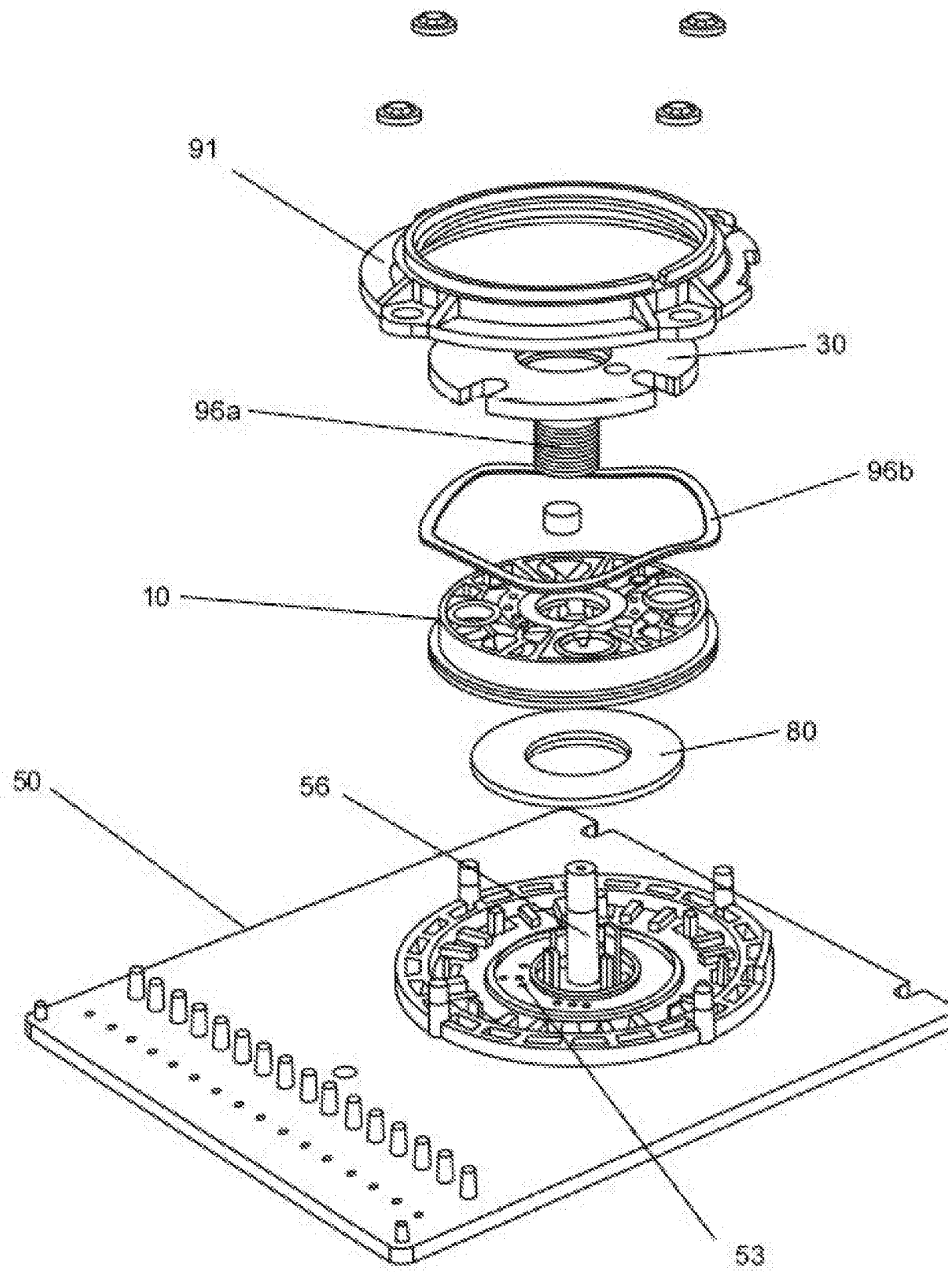


FIG. 5C

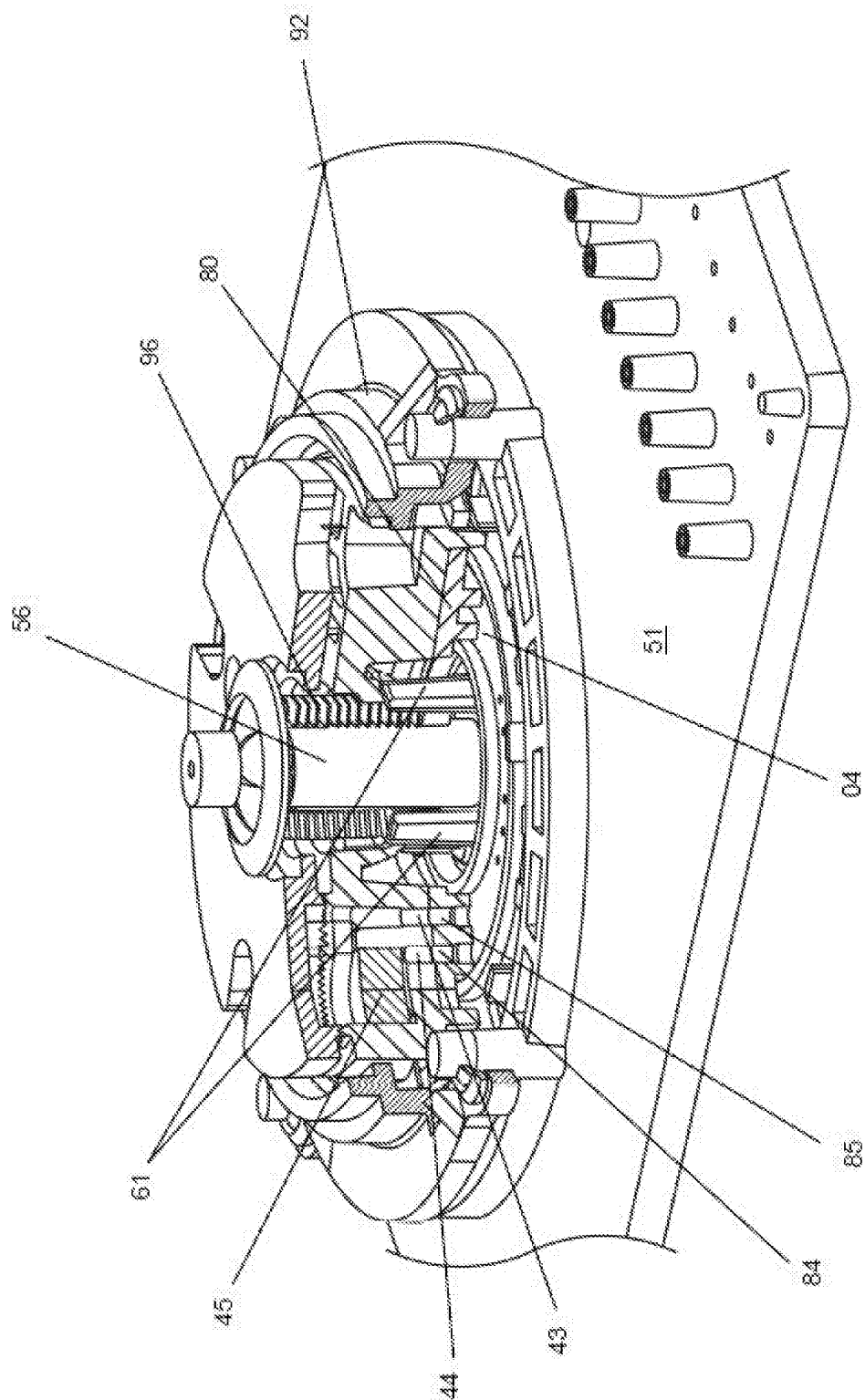


FIG. 5D

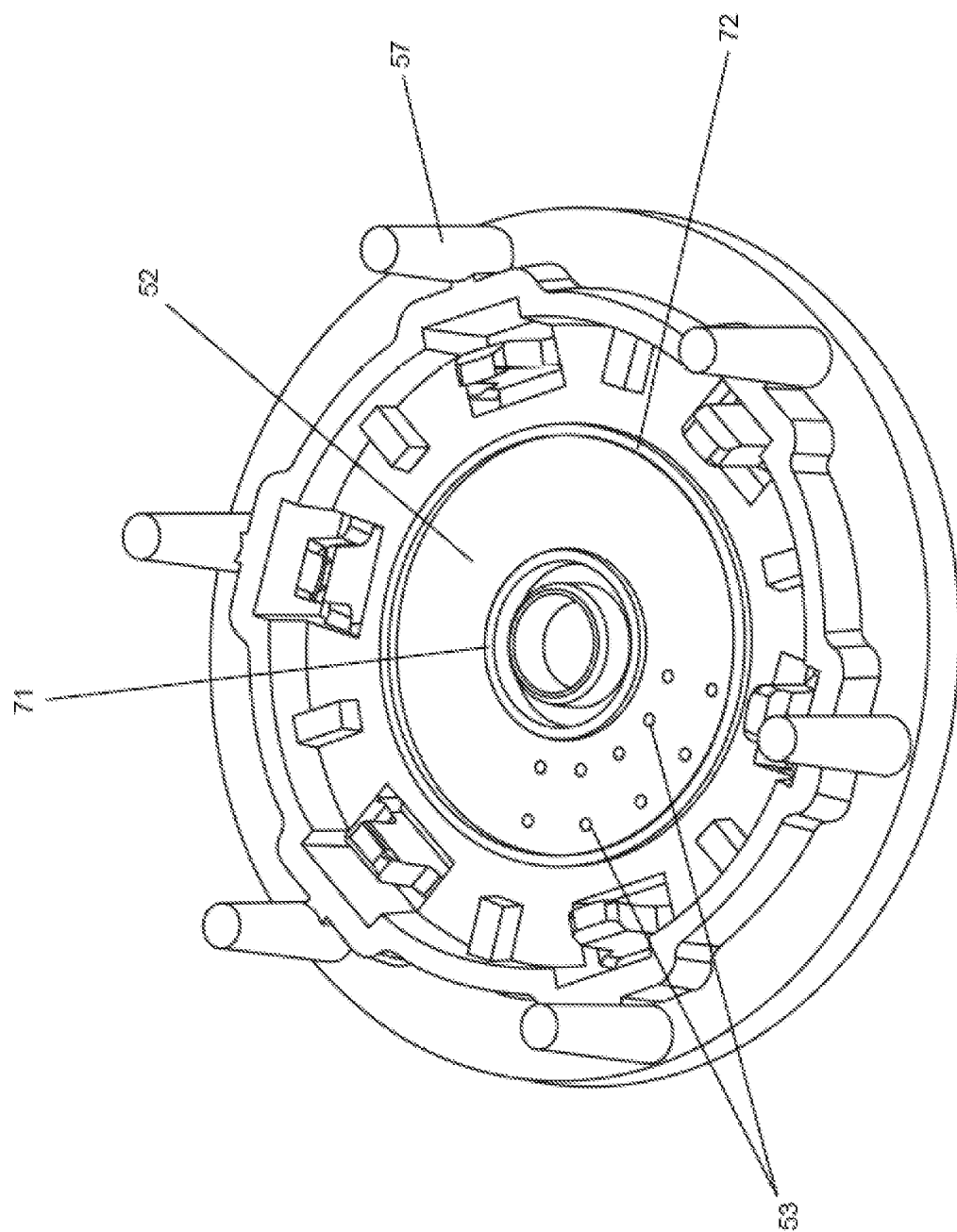
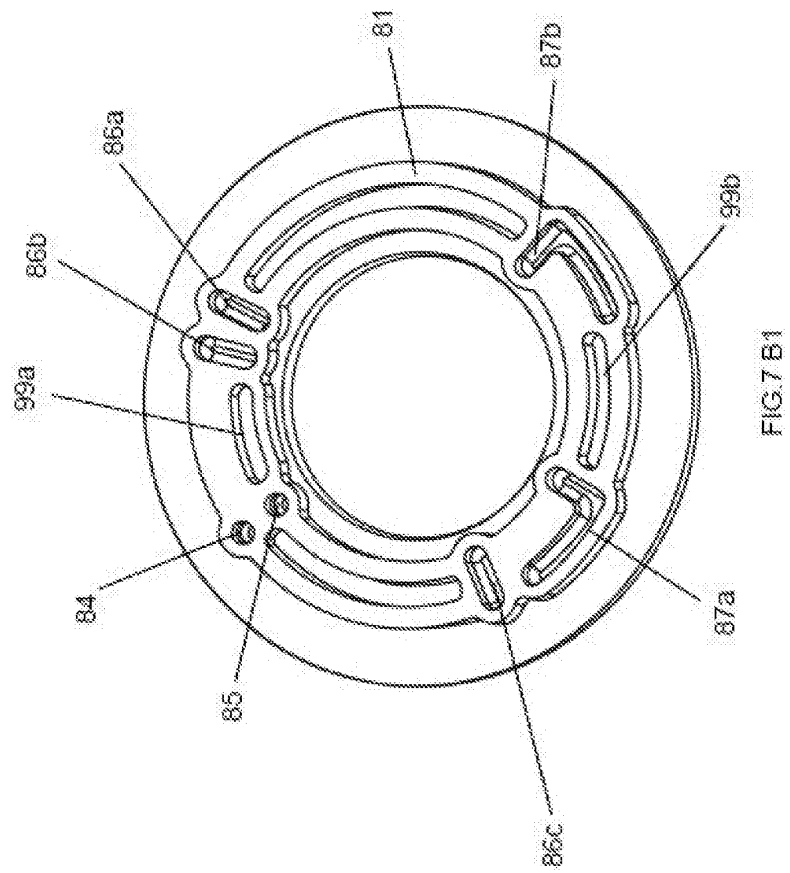
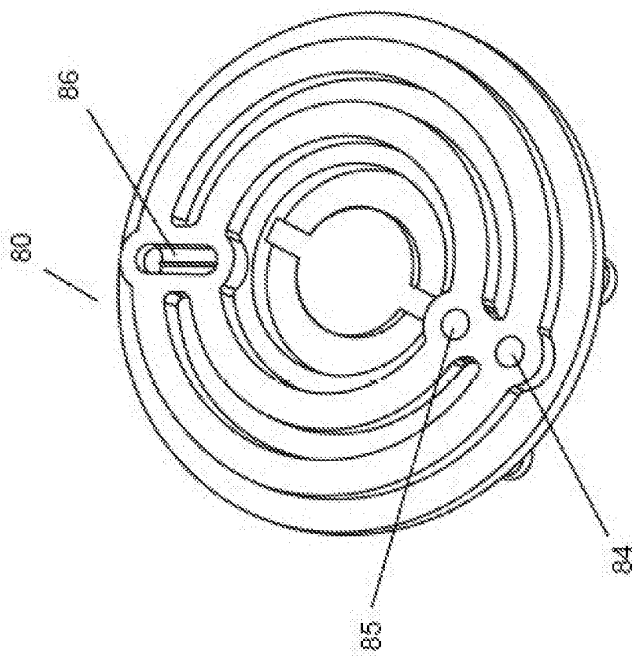


FIG. 6



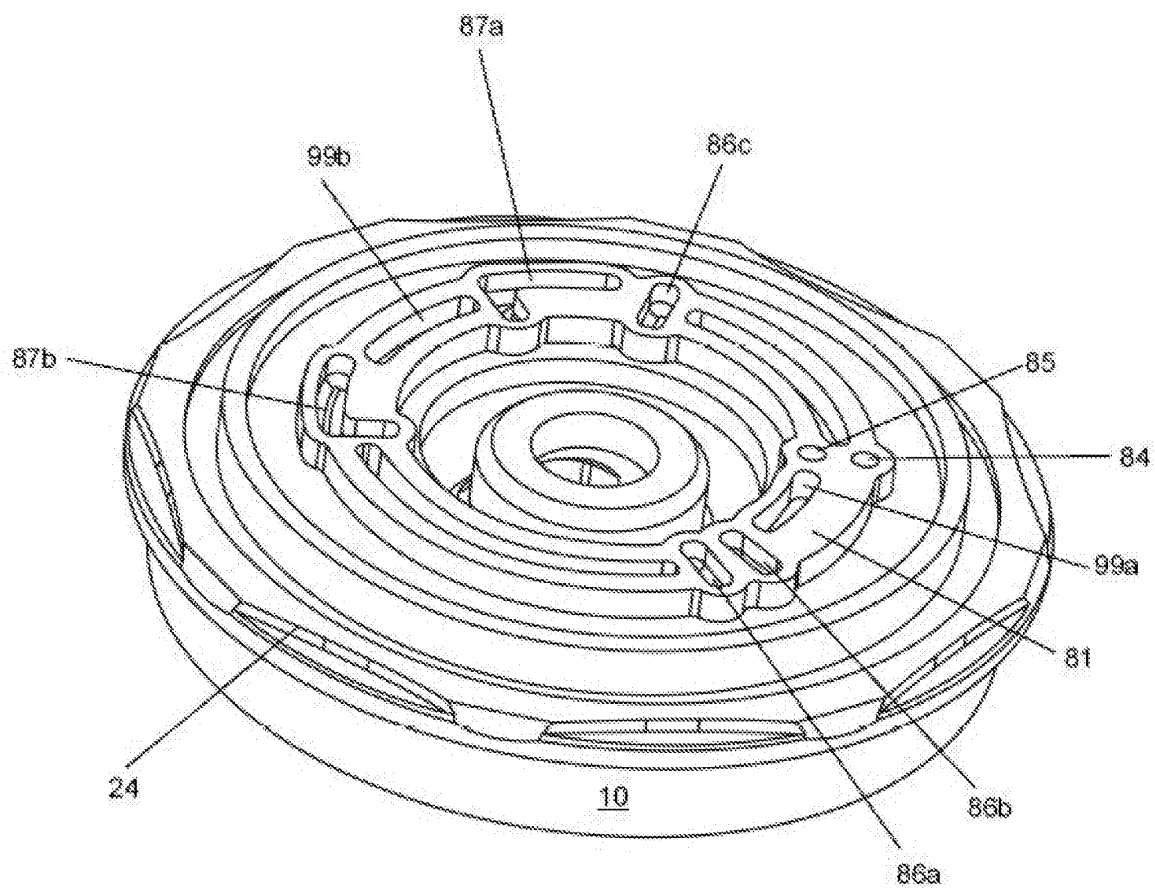
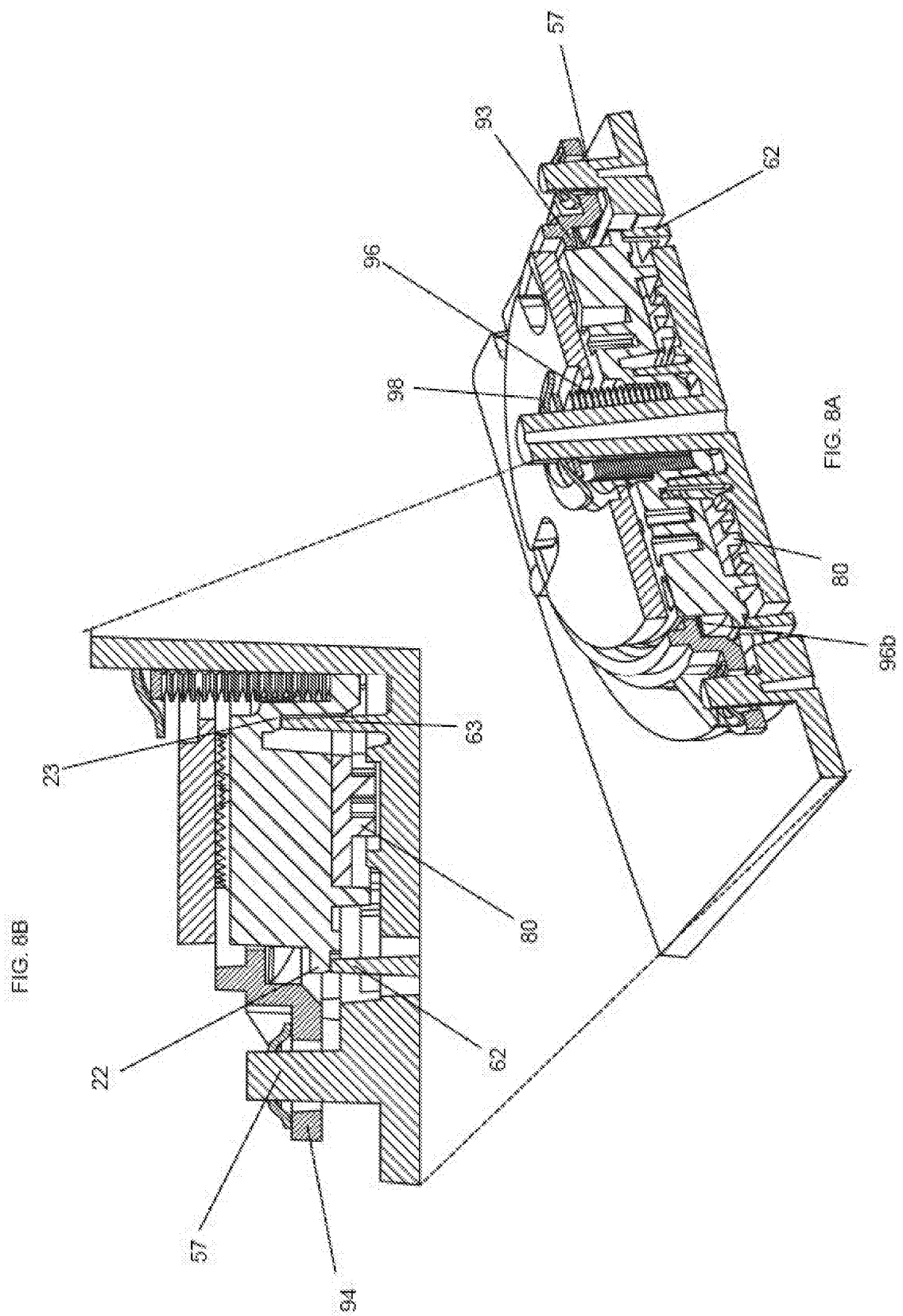
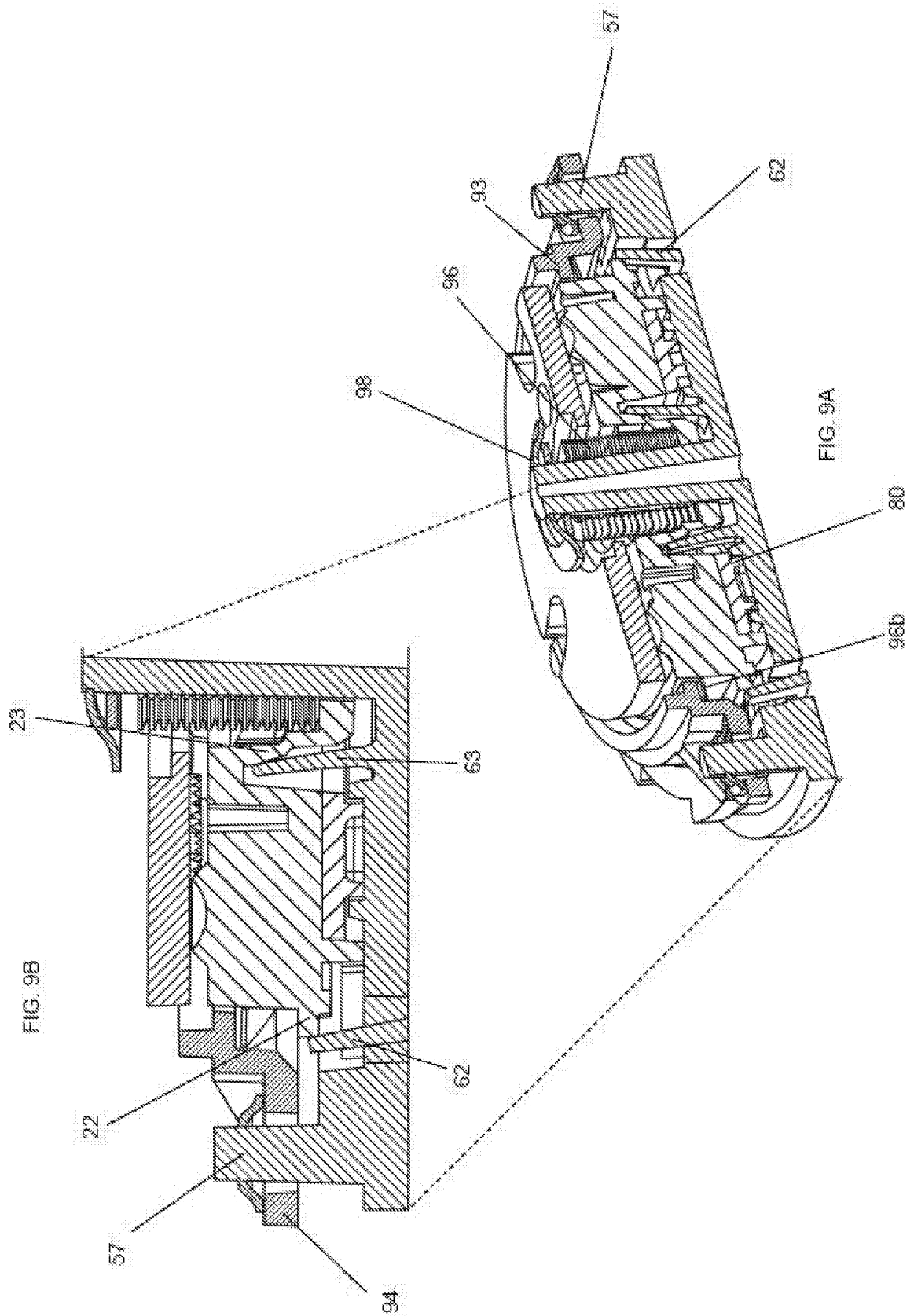
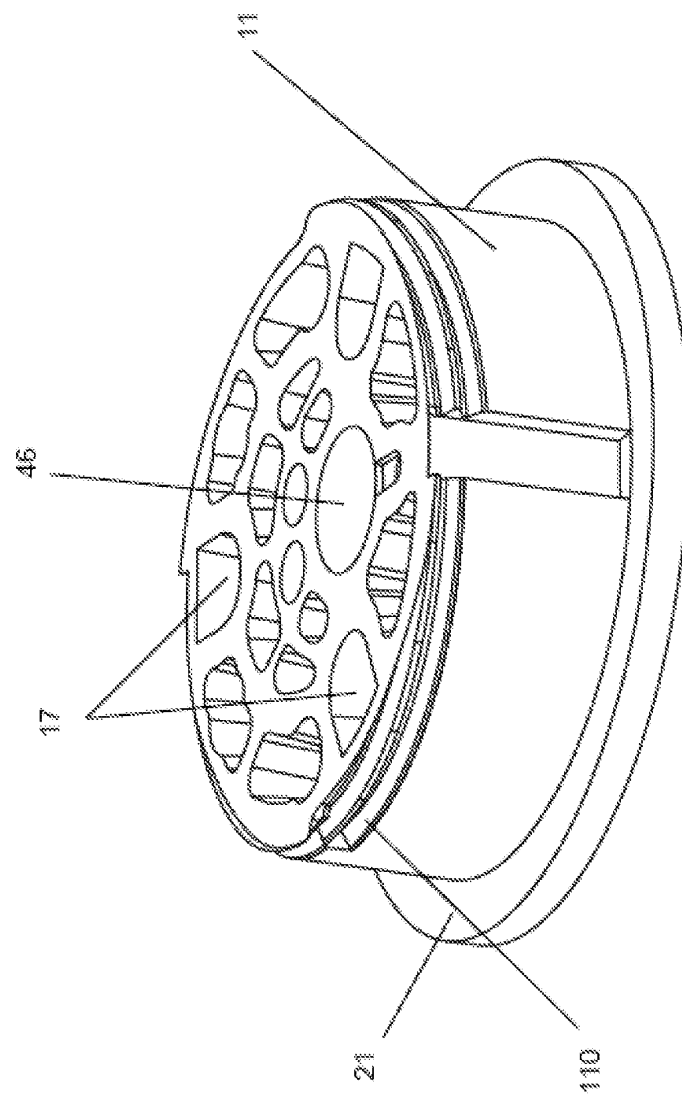


FIG. 7 B2







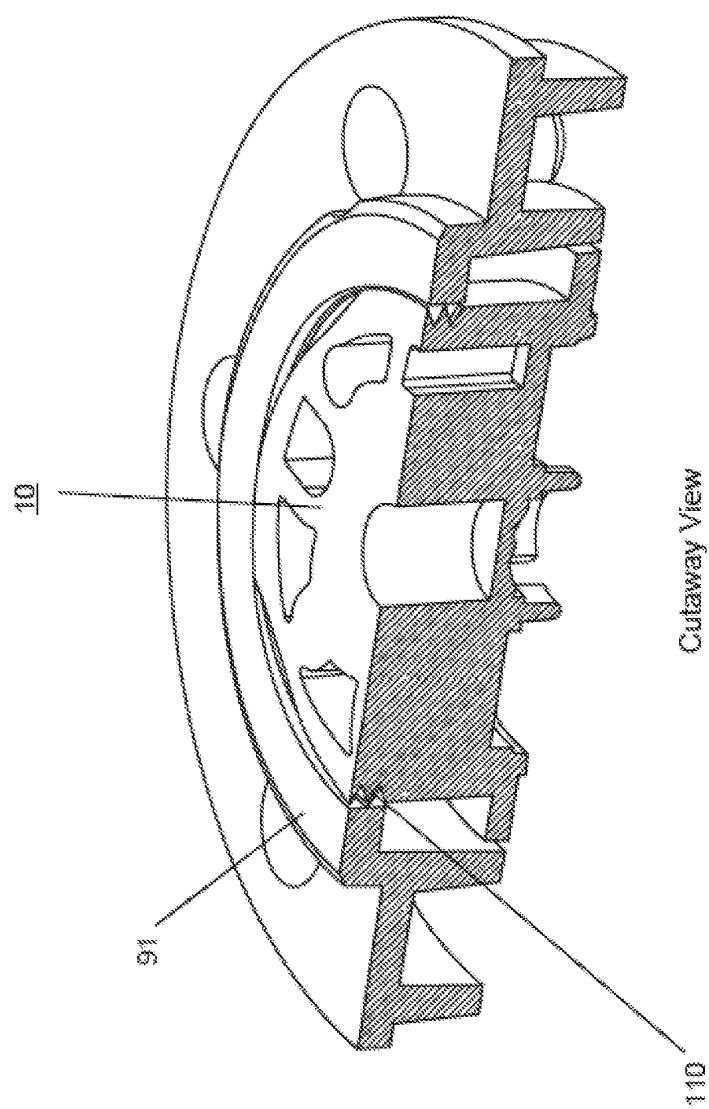
Threaded Rotor

FIG. 10A



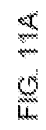
Horizontal View

FIG. 10B

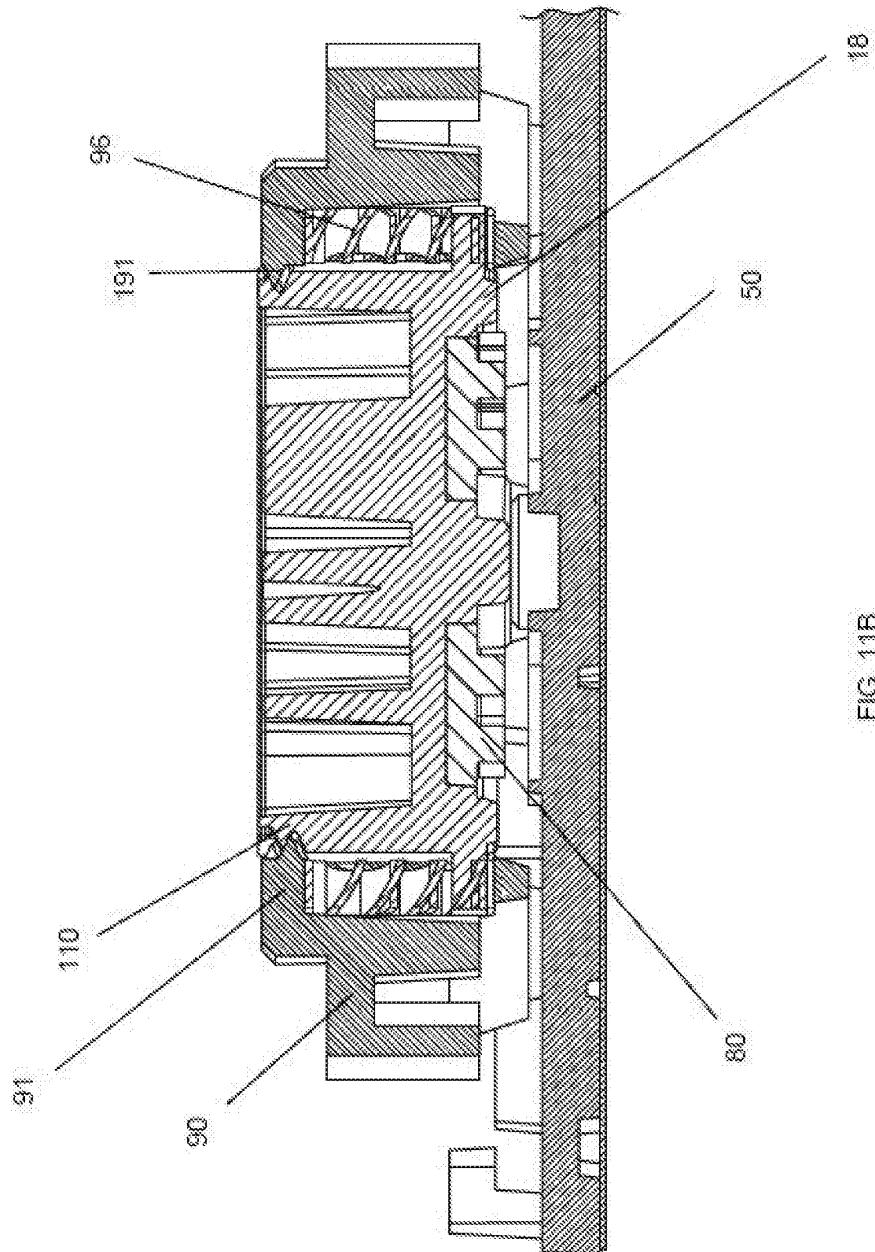


Cutaway View

FIG. 10C



41



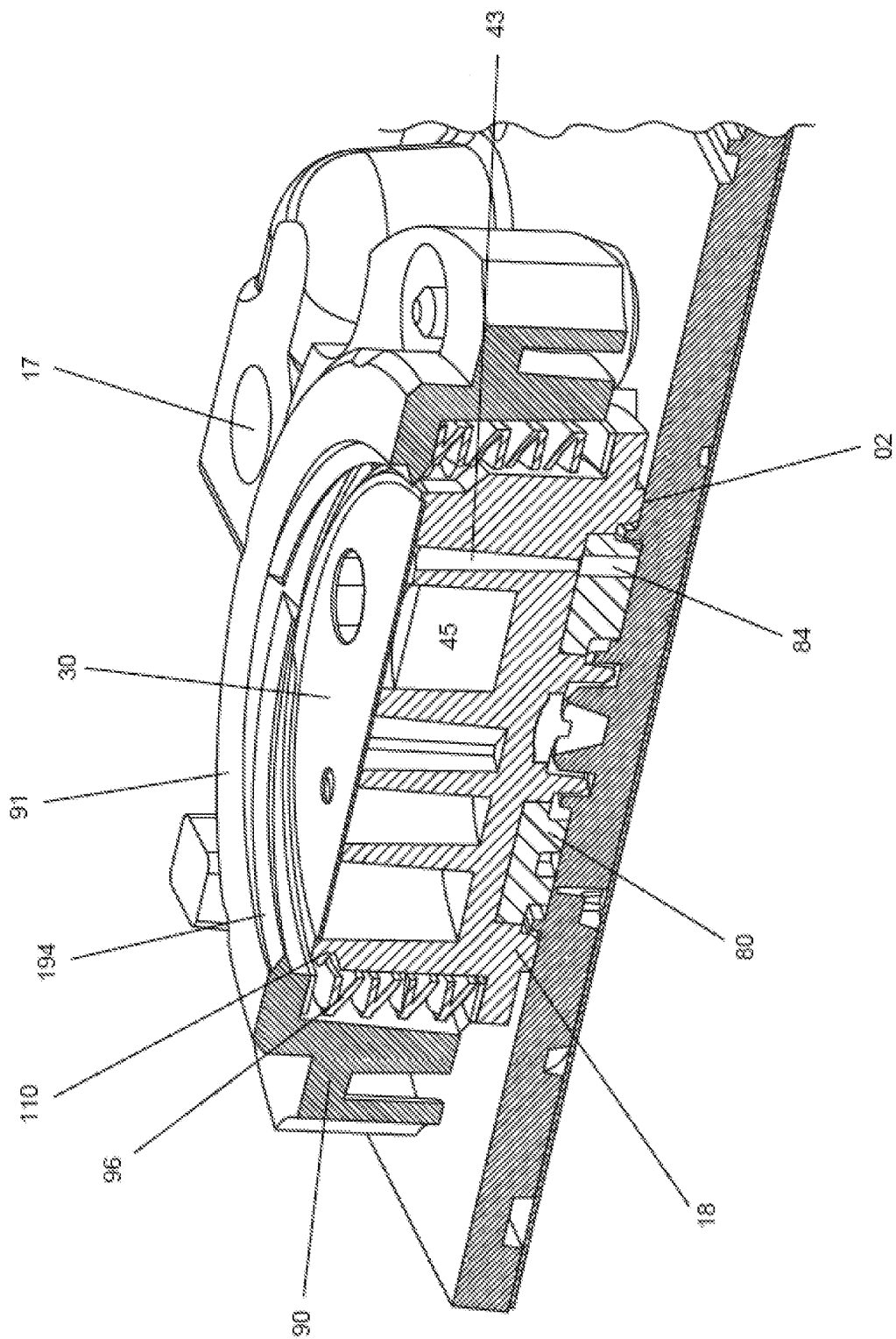
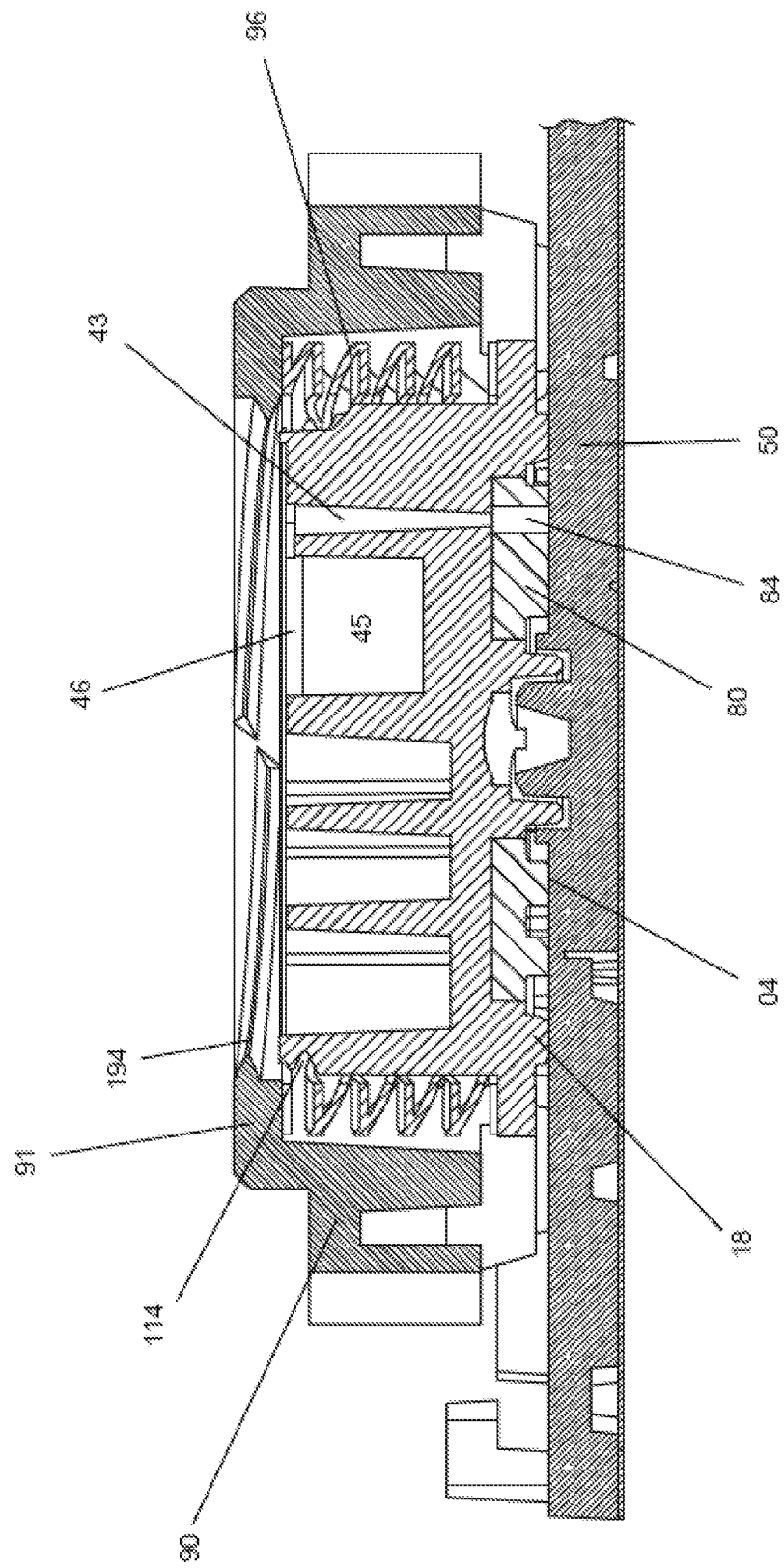


FIG. 12A



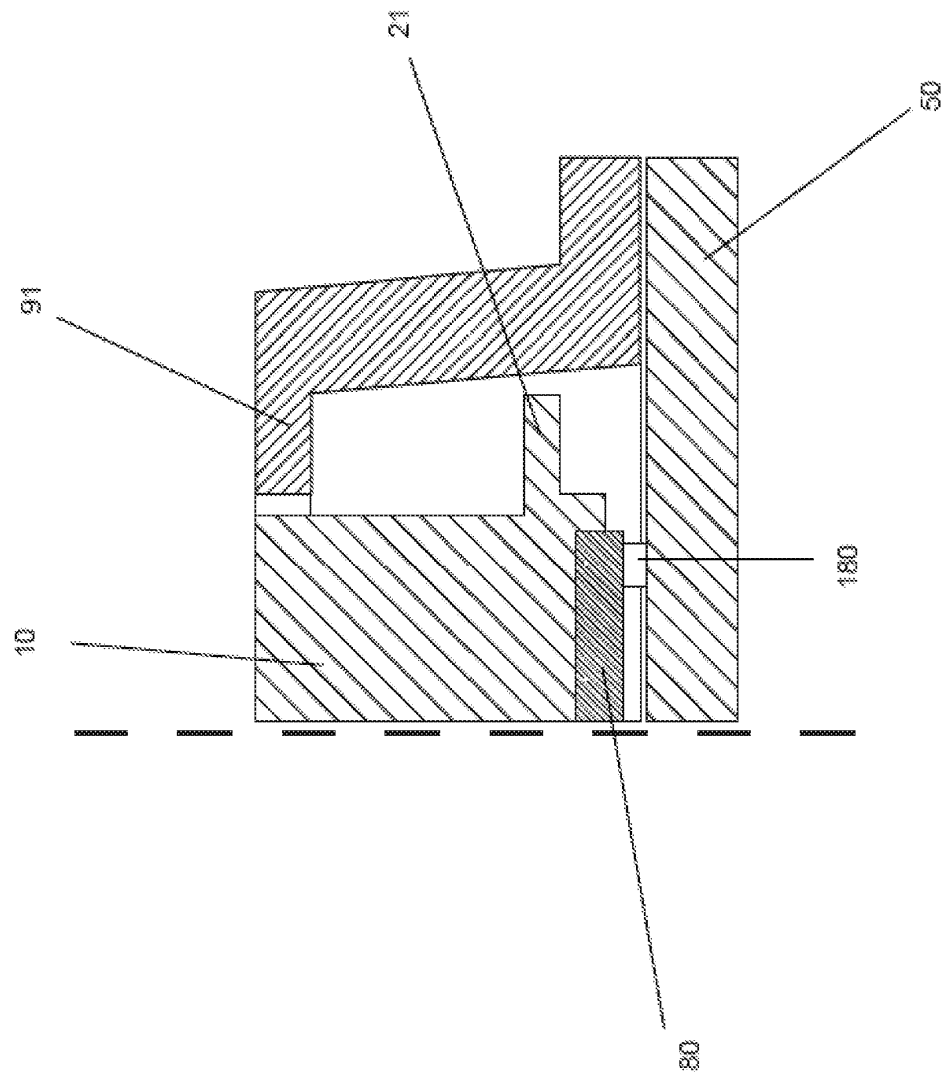
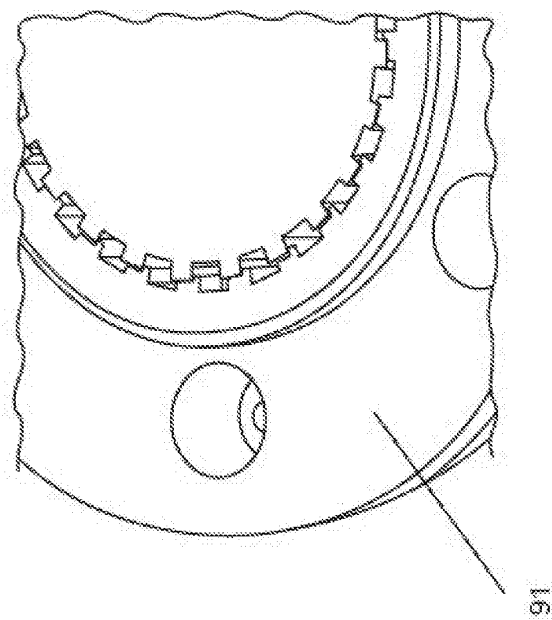
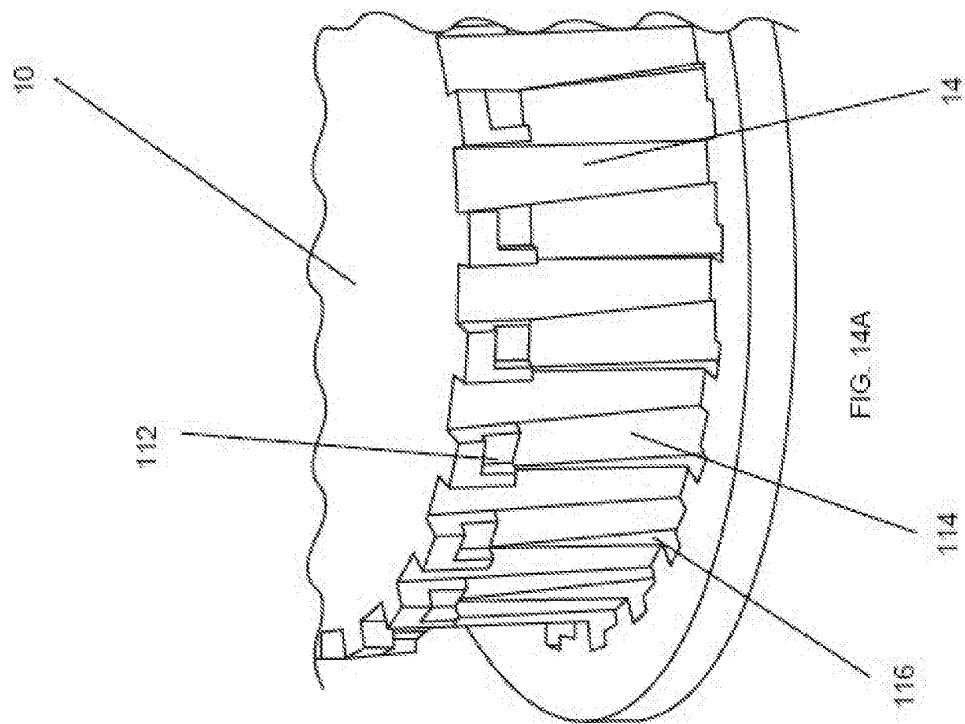


FIG. 13



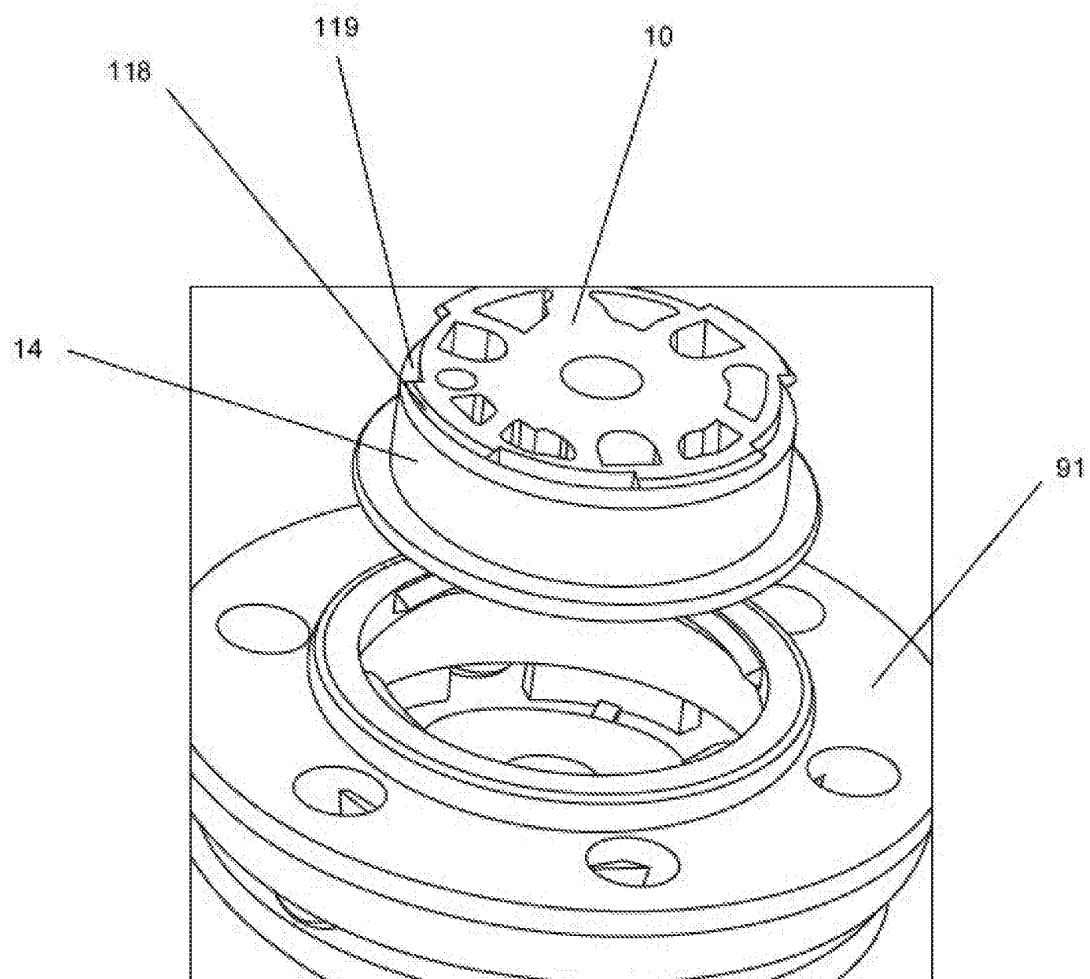
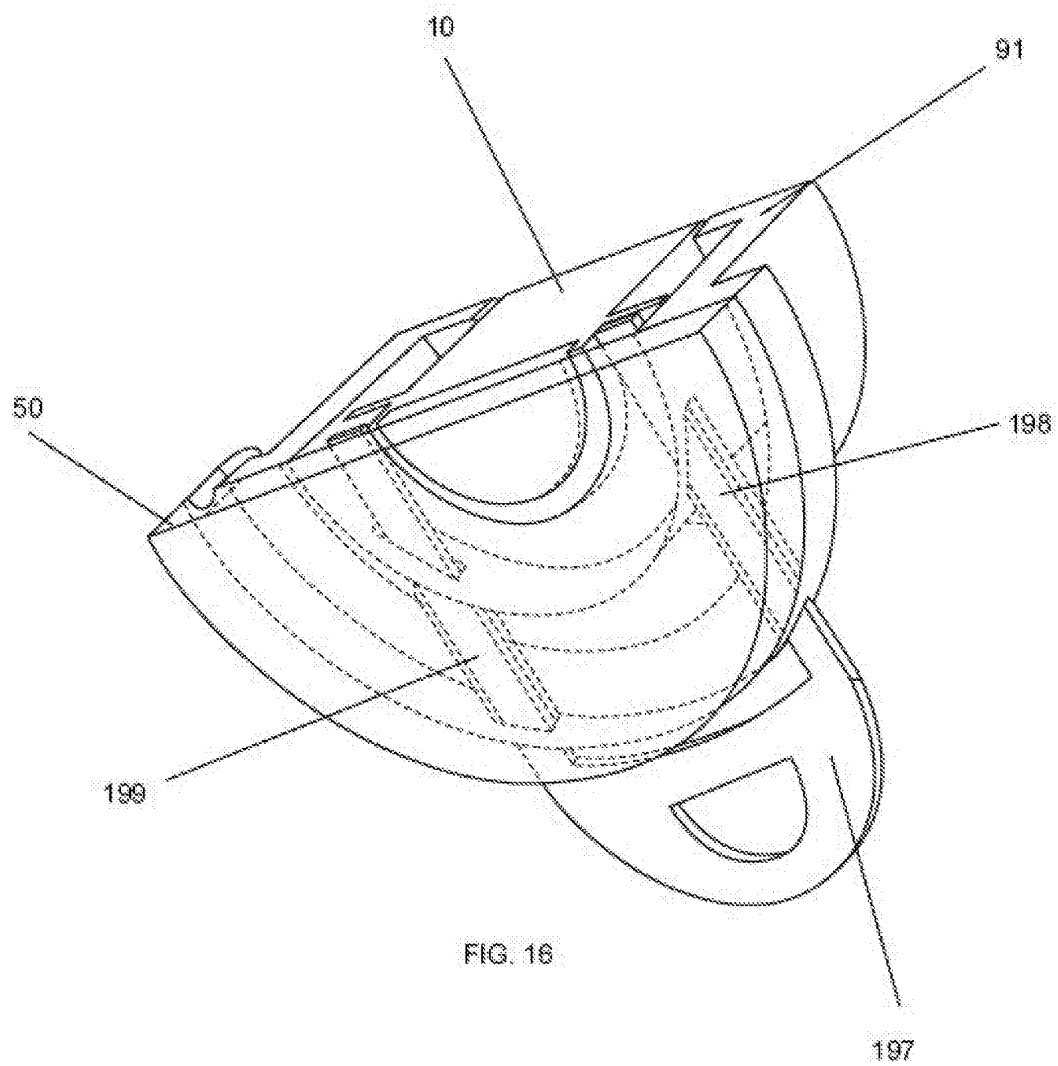
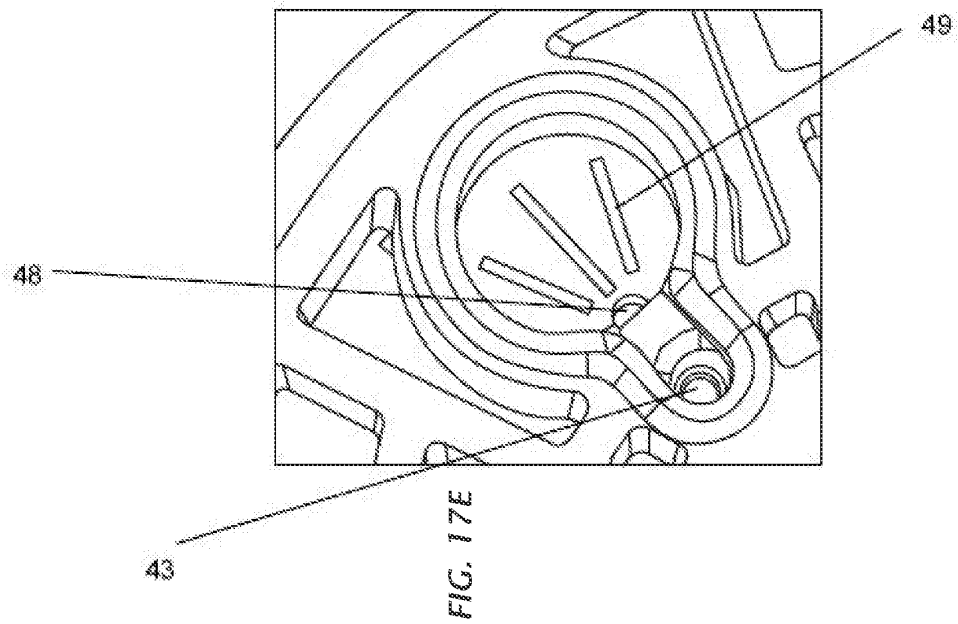
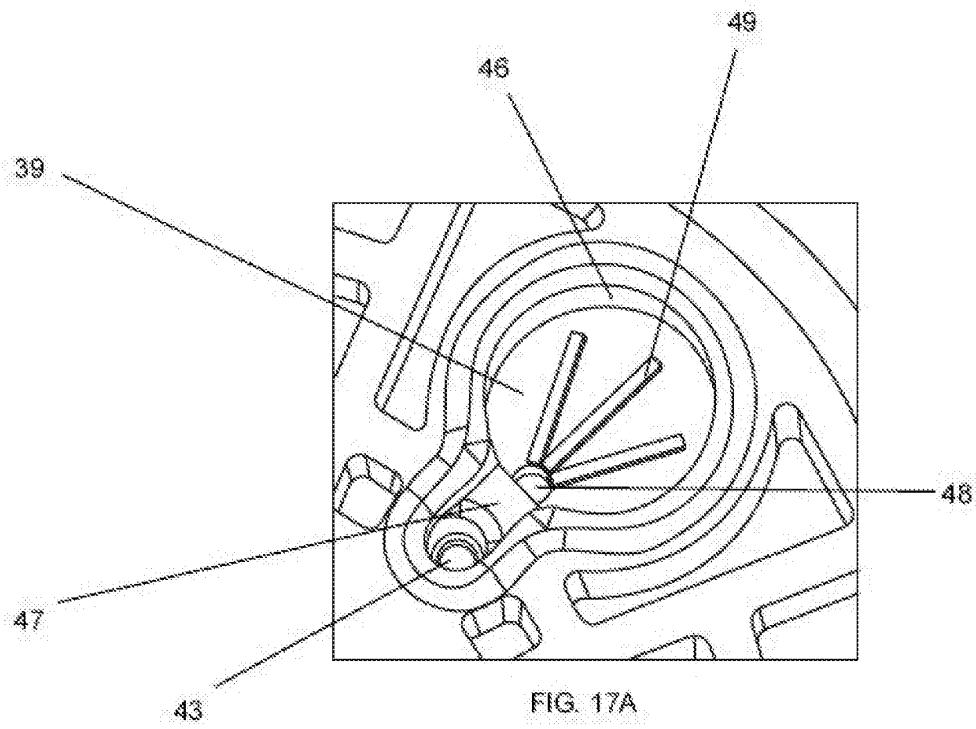
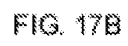
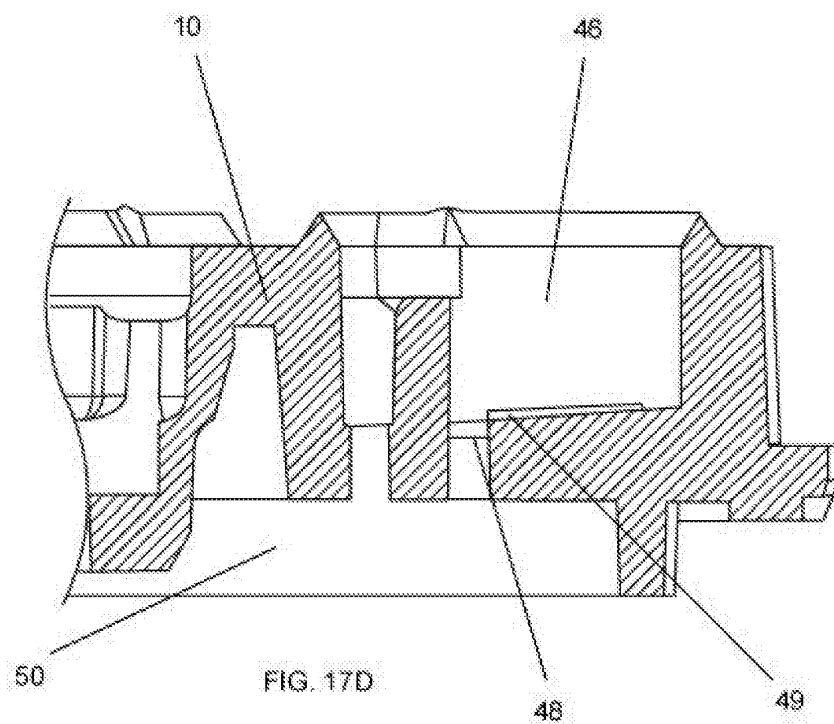
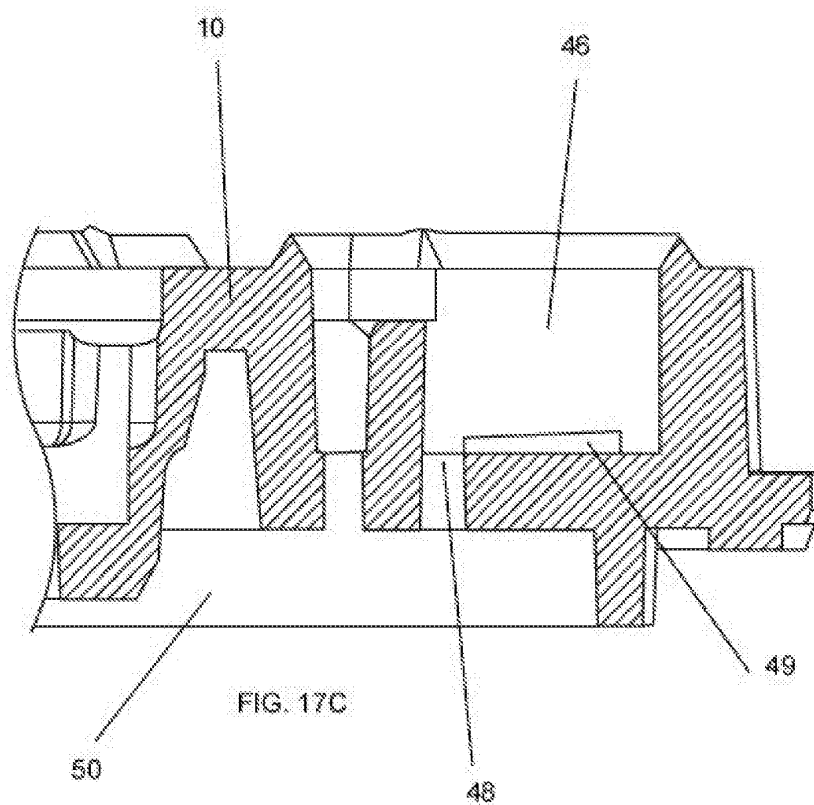


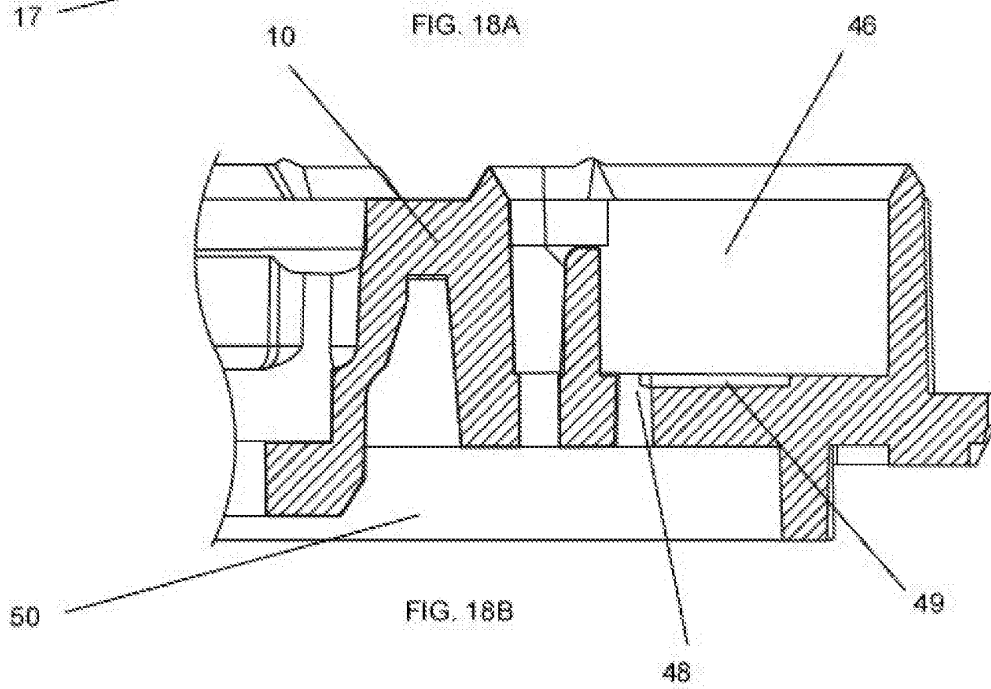
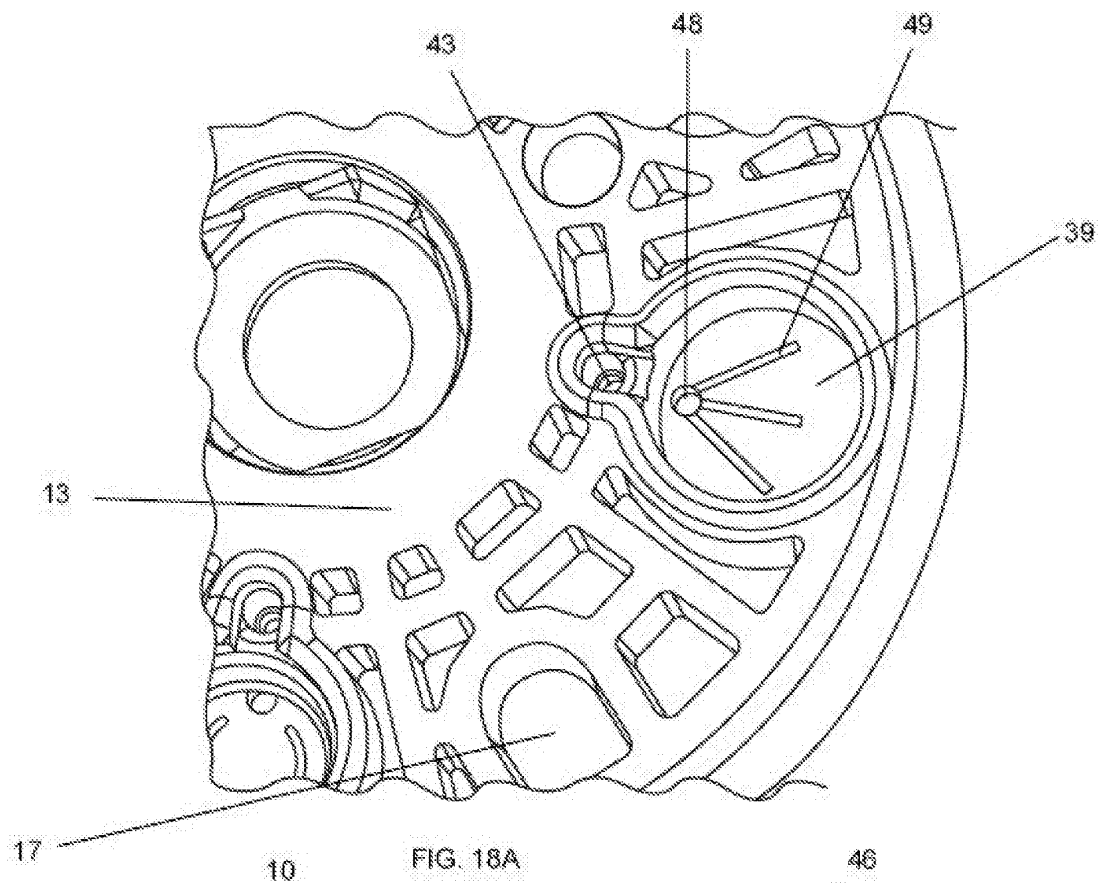
FIG. 15

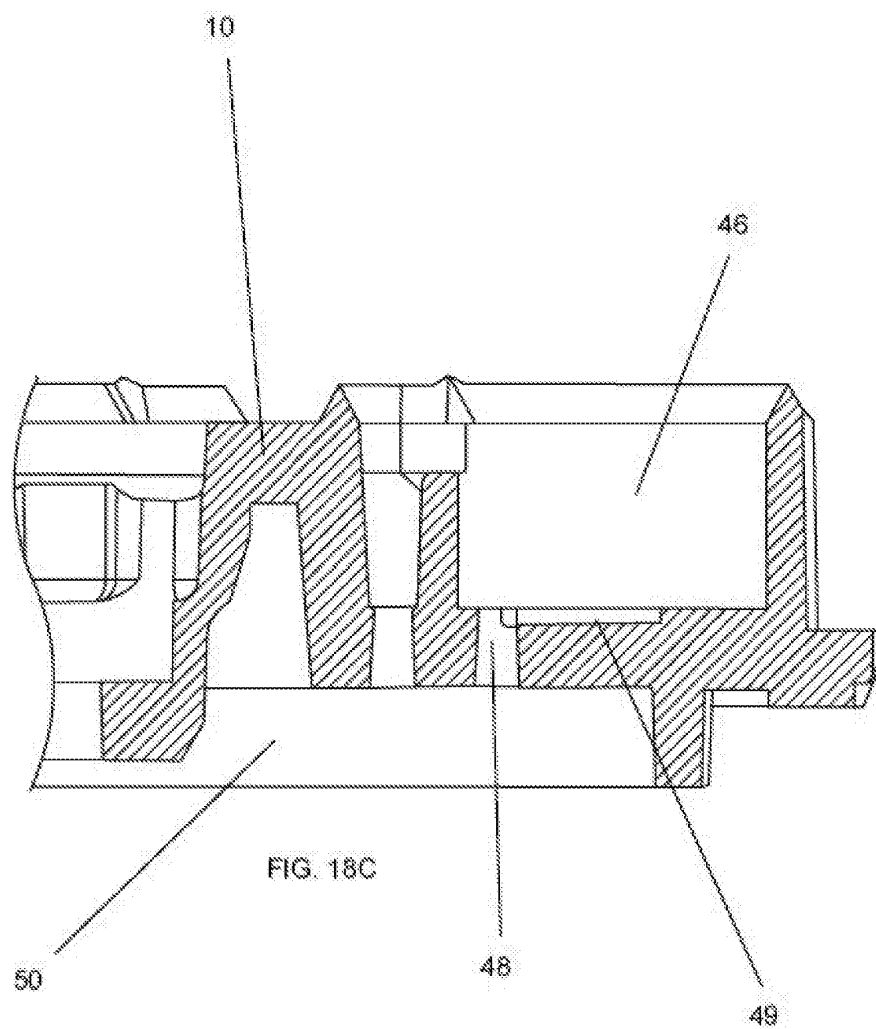






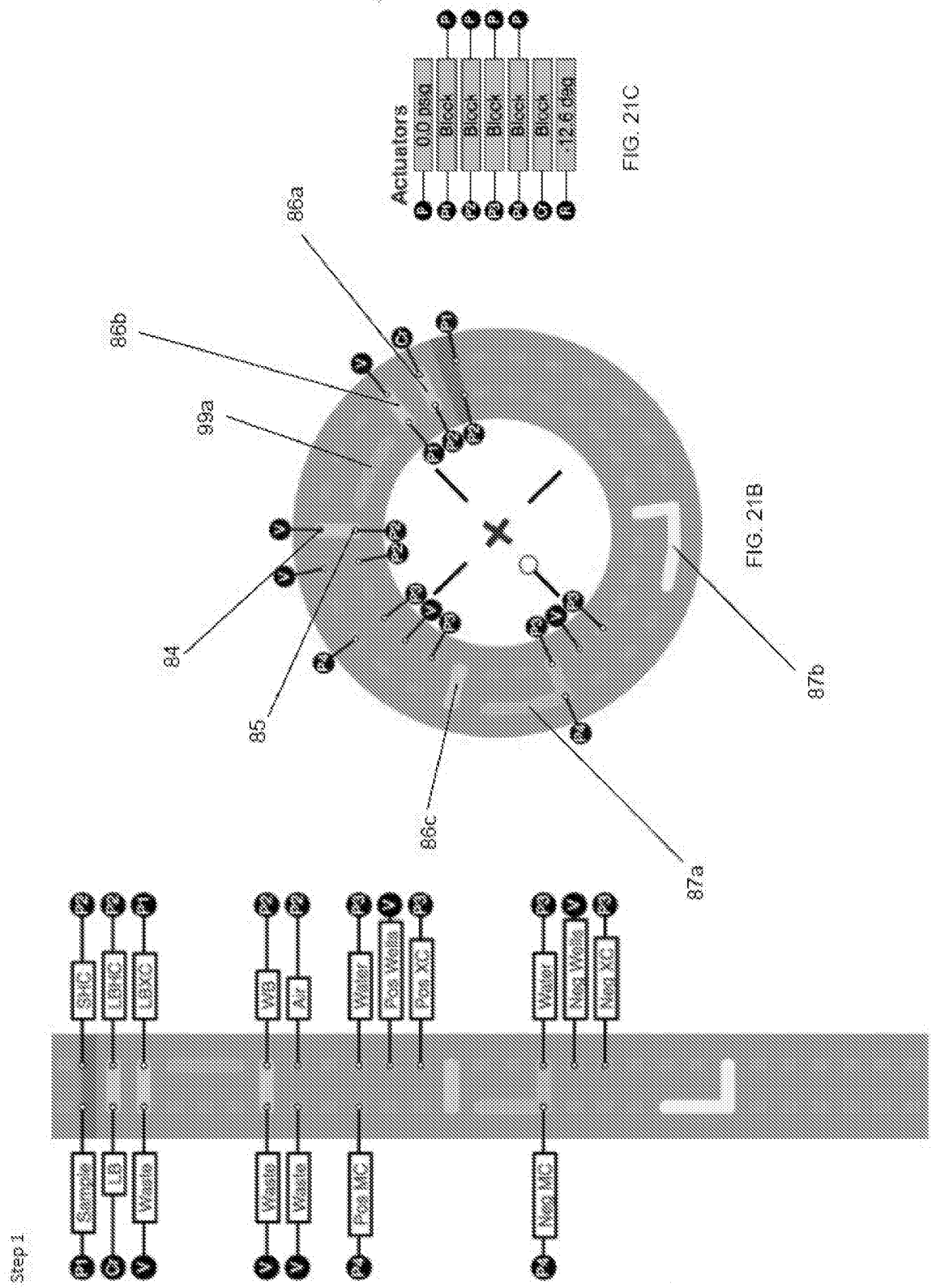


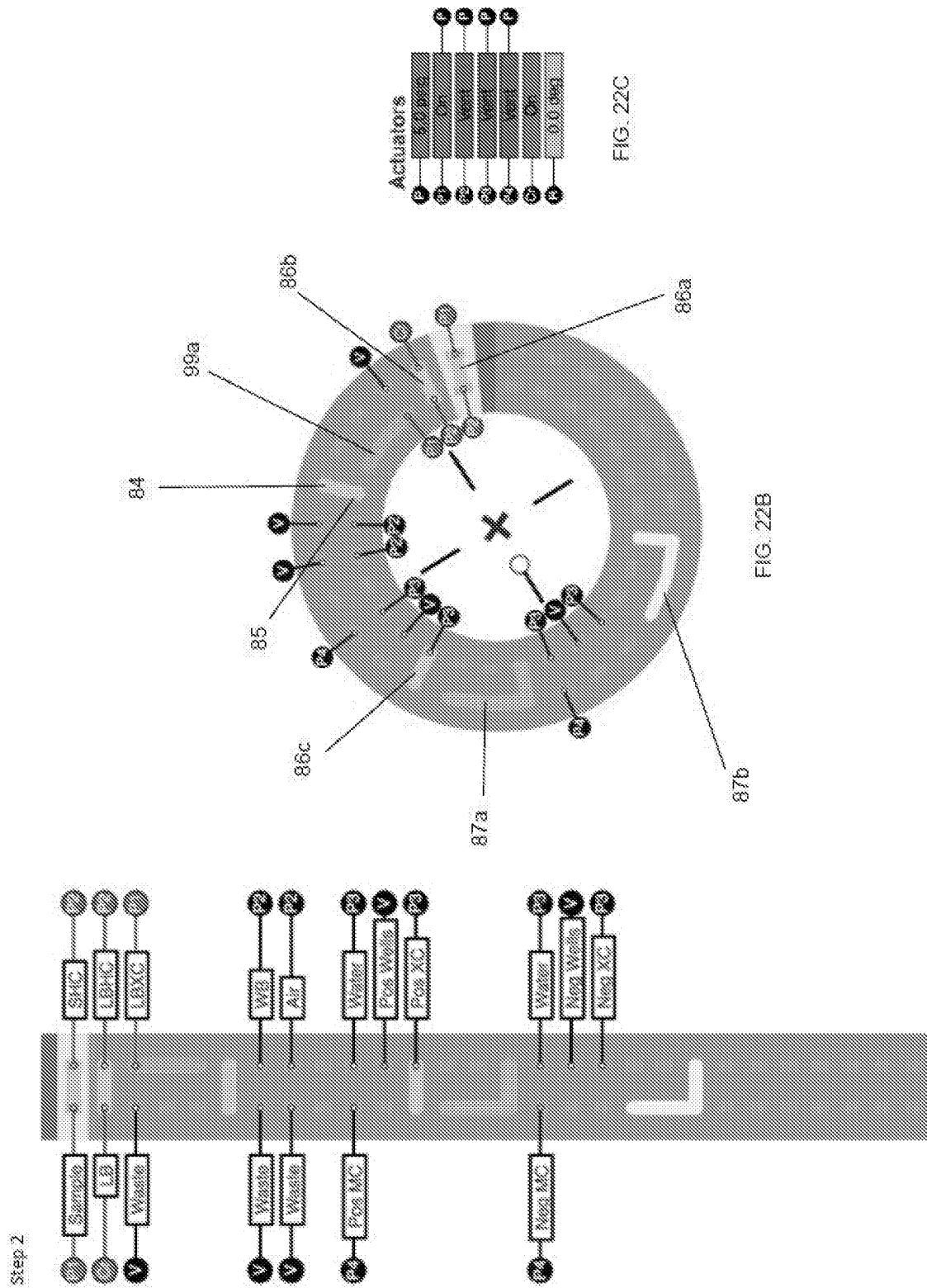


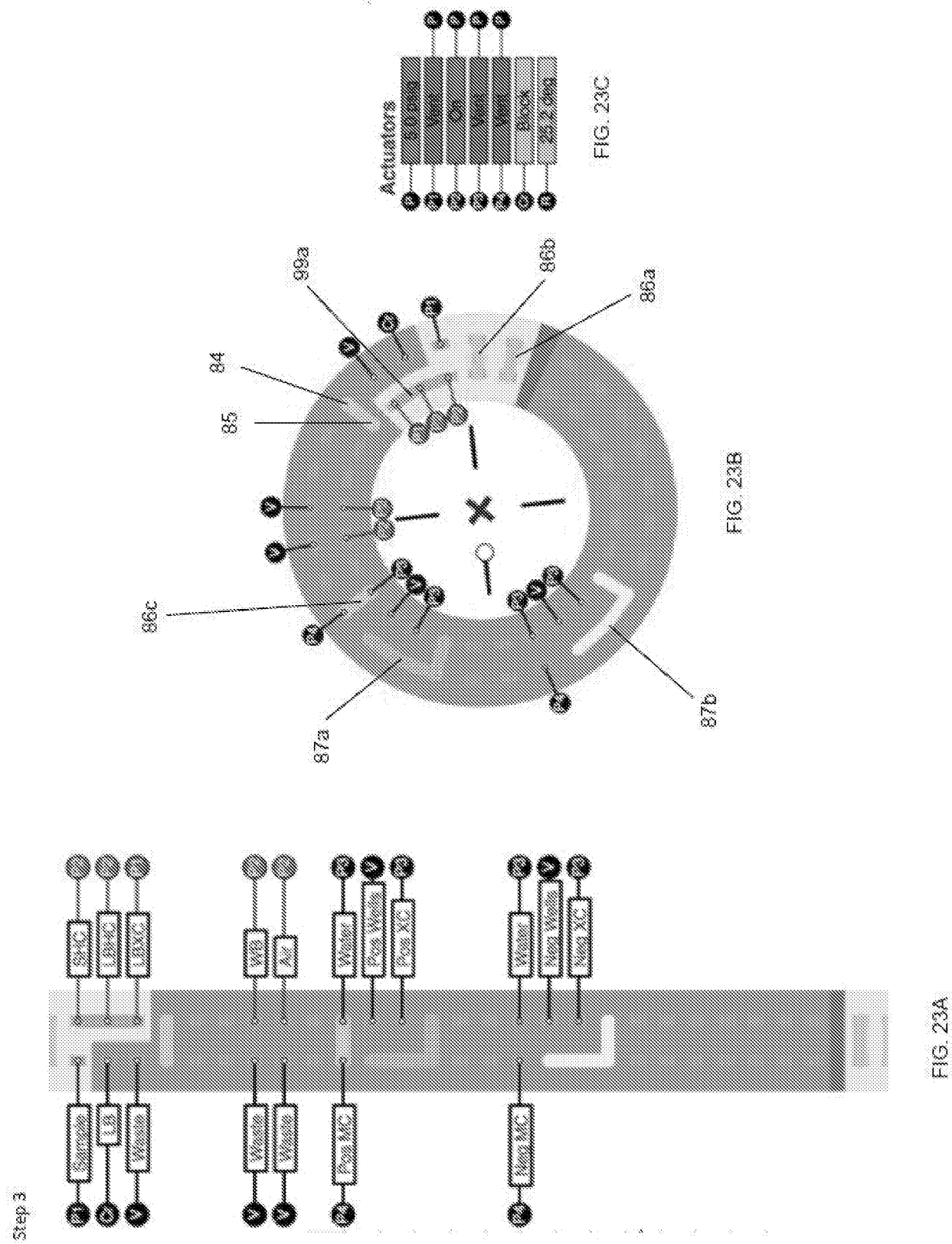


Step	Position
0	Storage
1	Home
2	Sample Loading
3	Lysis / Mixing
4	Matrix Binding
5	Matrix Wash
6	Matrix Drying
7	Analyte Elution
8	Reagent Mixing - 1
9	Reagent Mixing - 2
10	Amplification Well Filling

FIG.19







Step 4

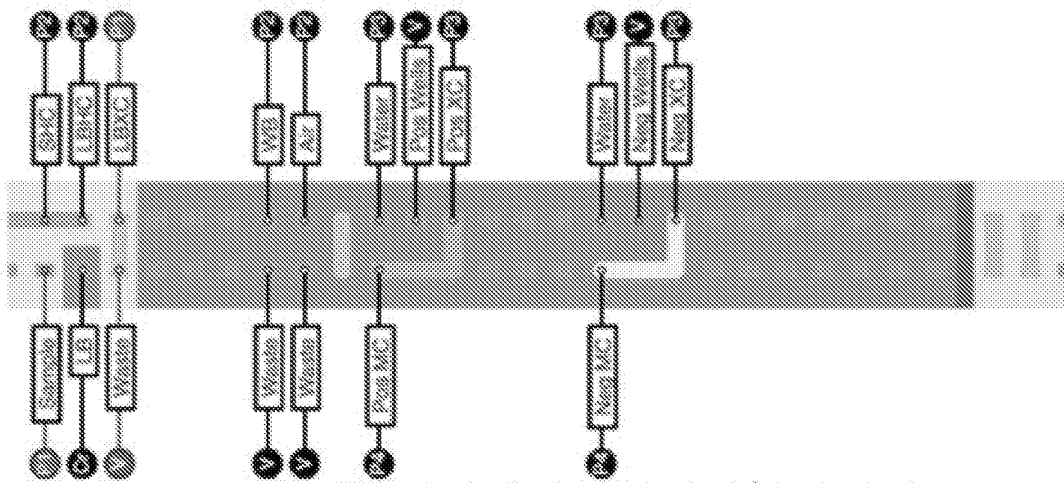


FIG. 24A

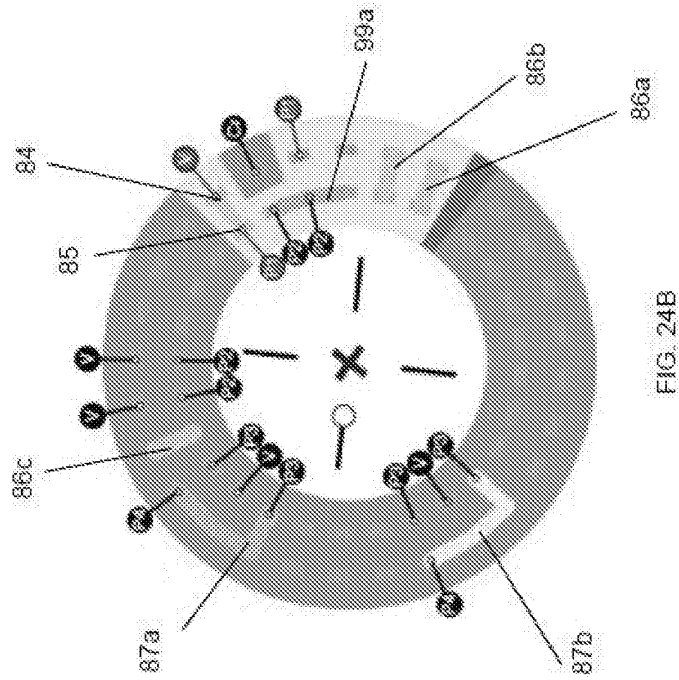


FIG. 24B

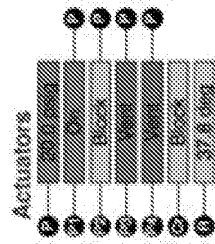


FIG. 24C

Step 5

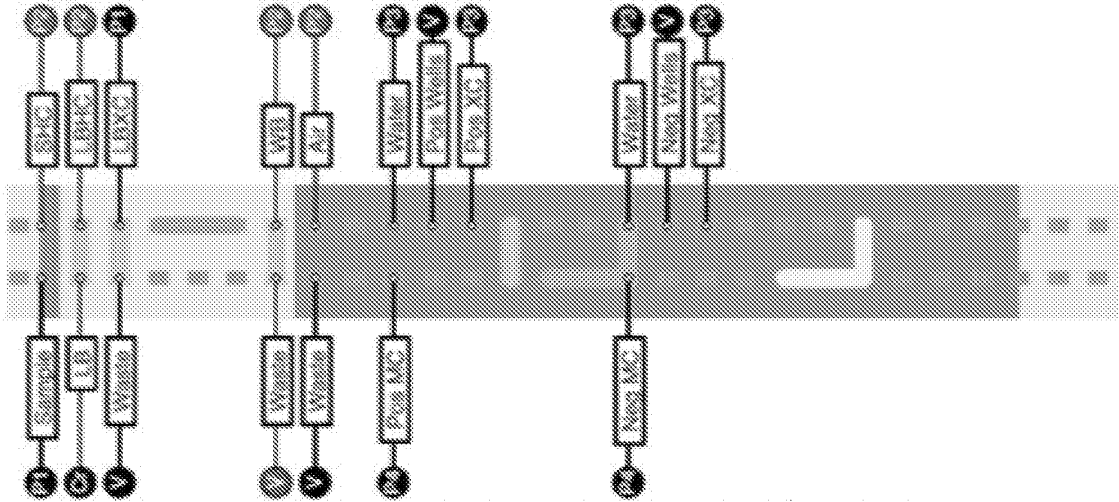


FIG. 25A

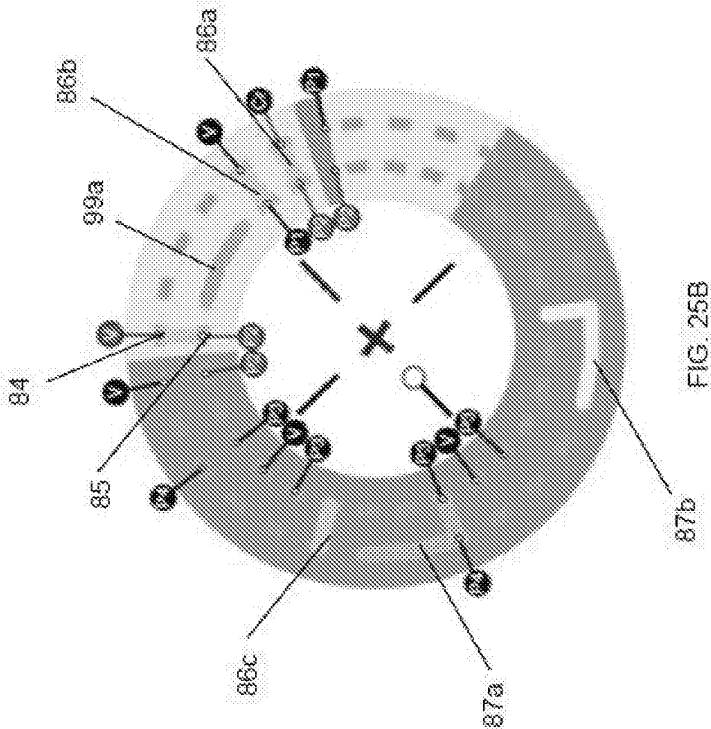


FIG. 25B

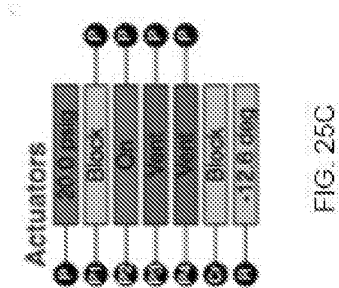


FIG. 25C

Step 6

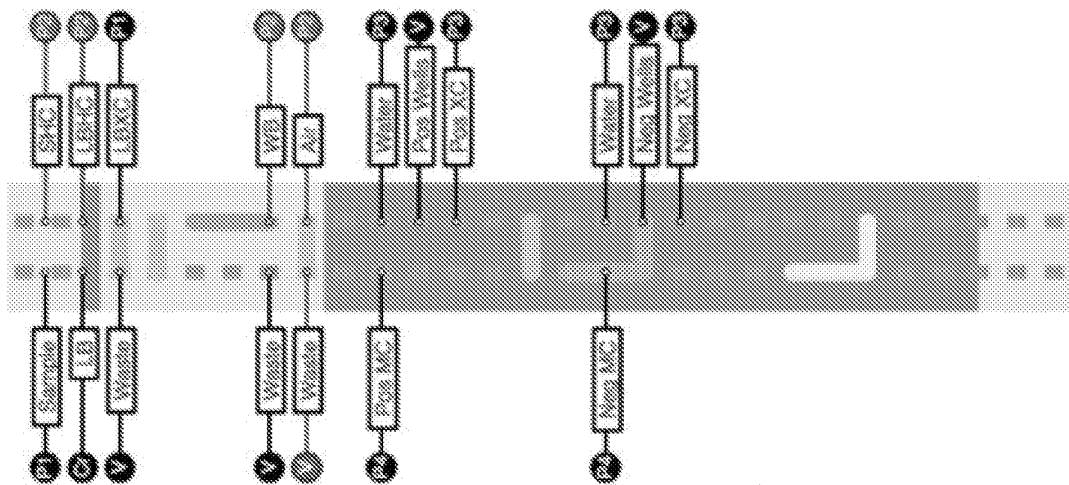


FIG. 26A

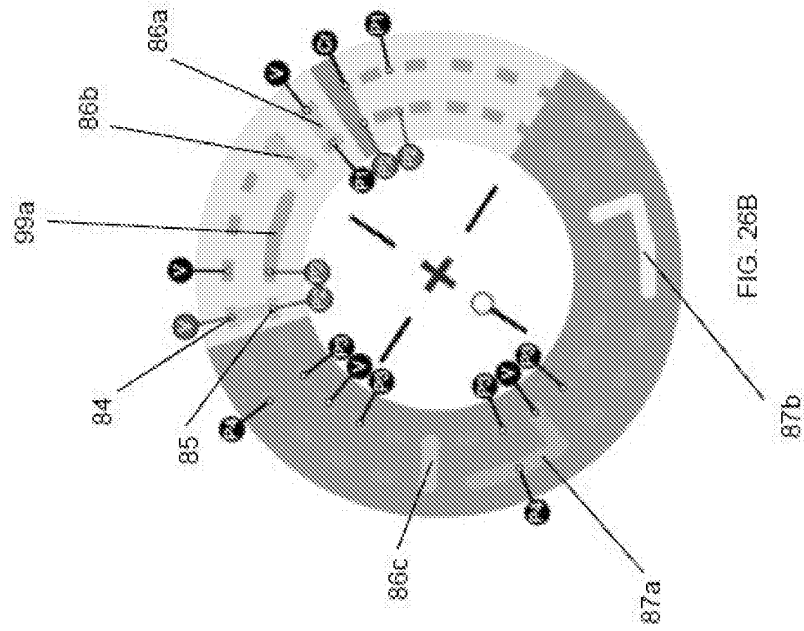


FIG. 26B

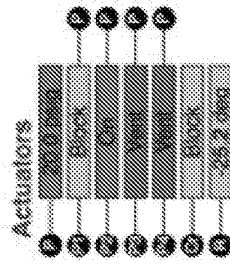
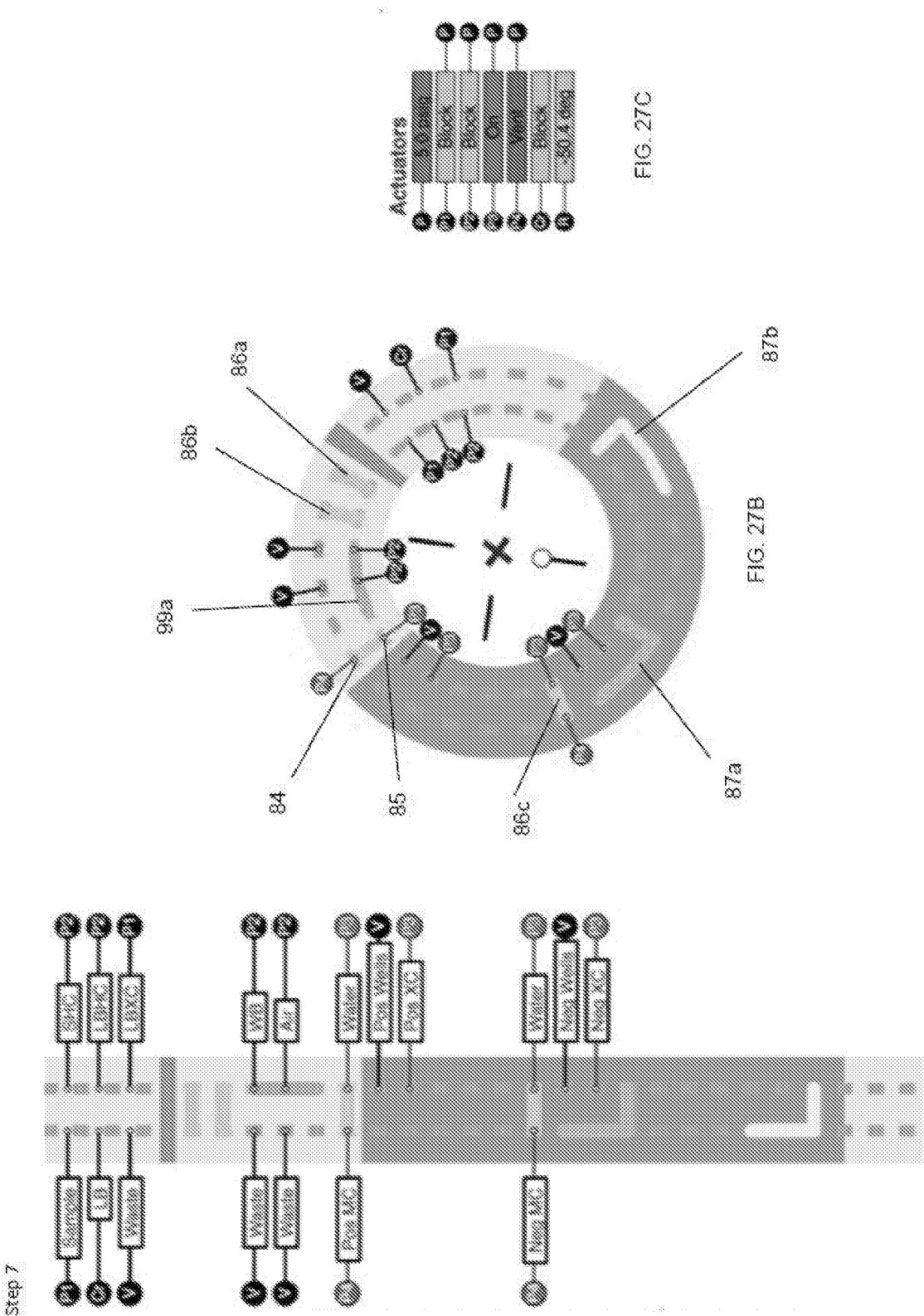


FIG. 26C



Step 8

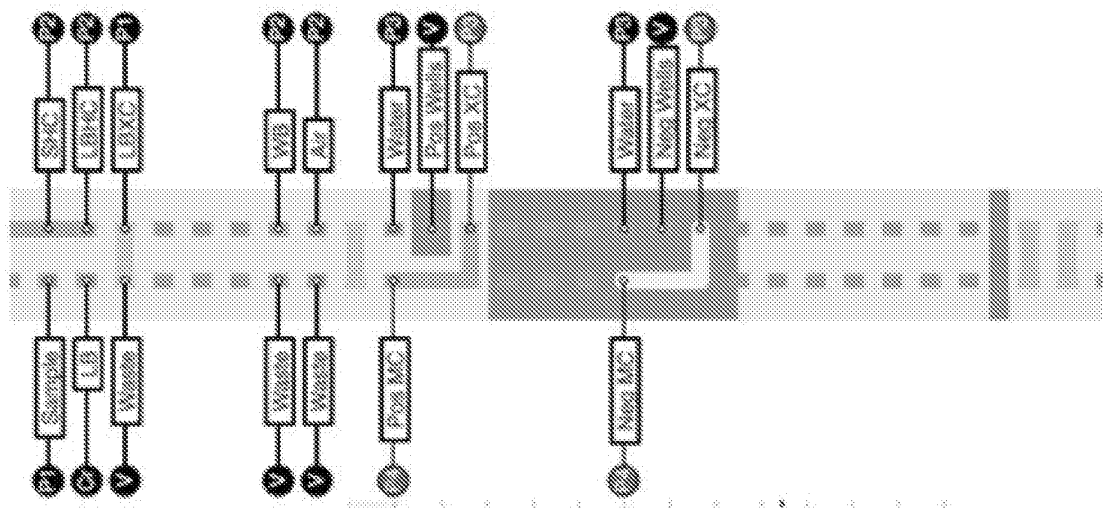


FIG. 28A

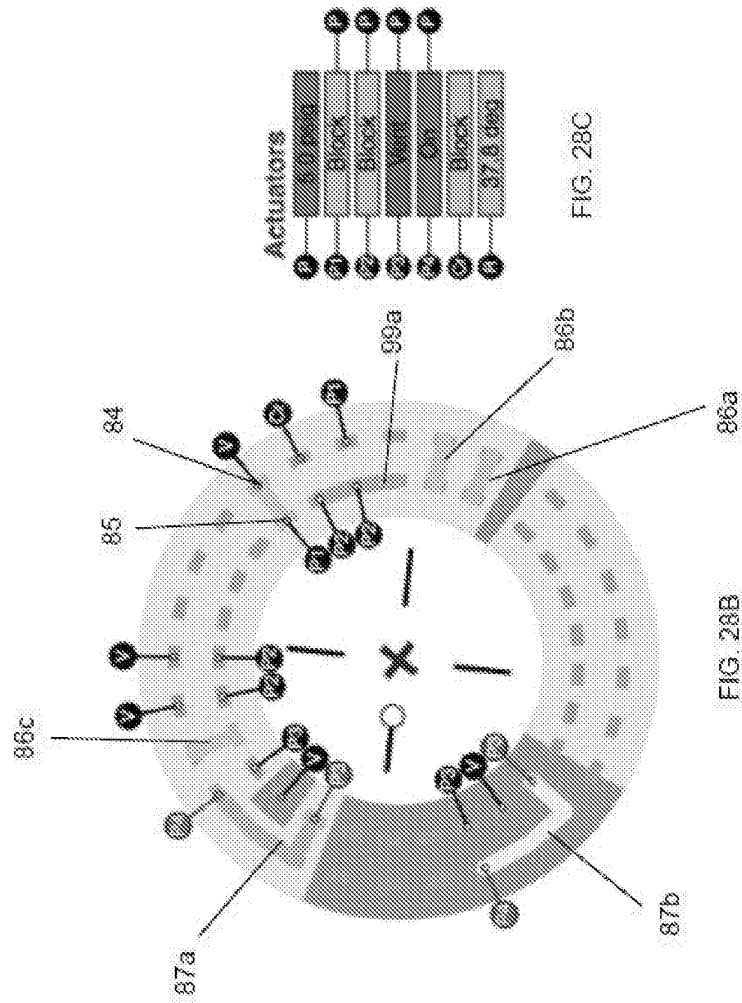


FIG. 28C

FIG. 28B

Step 9

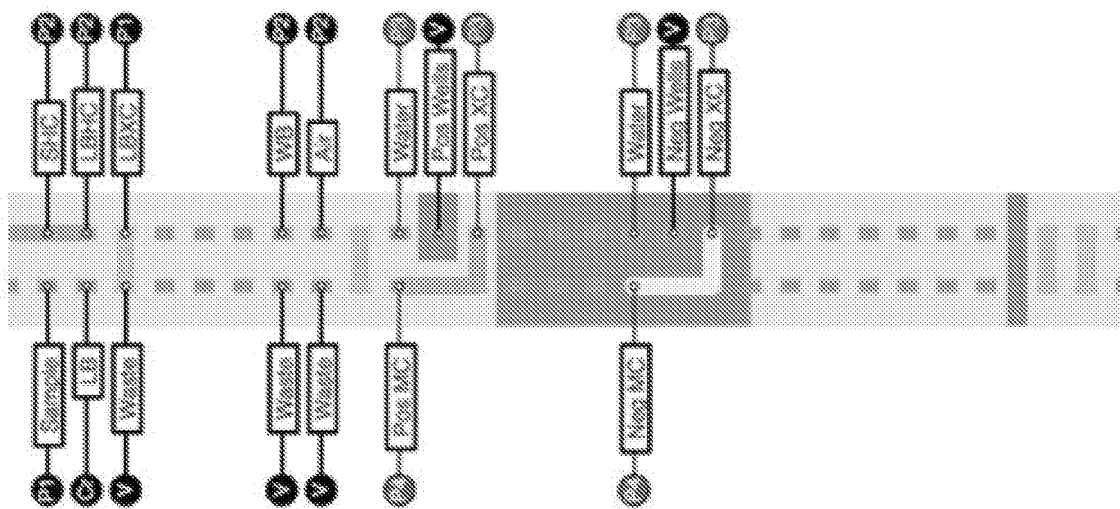


FIG. 29A

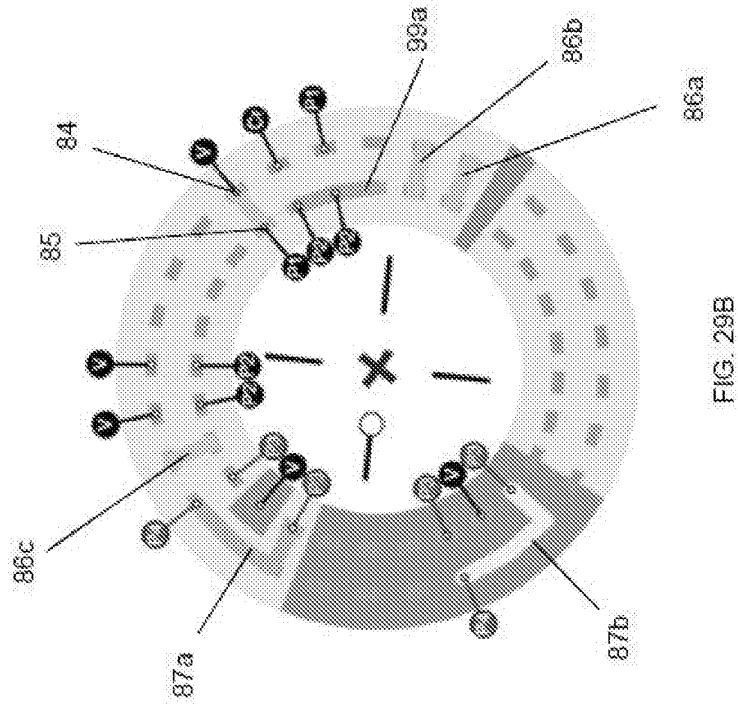


FIG. 29B

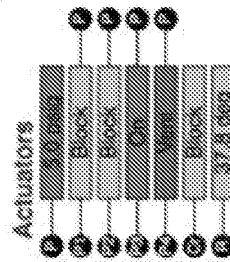


FIG. 29C

Step 10

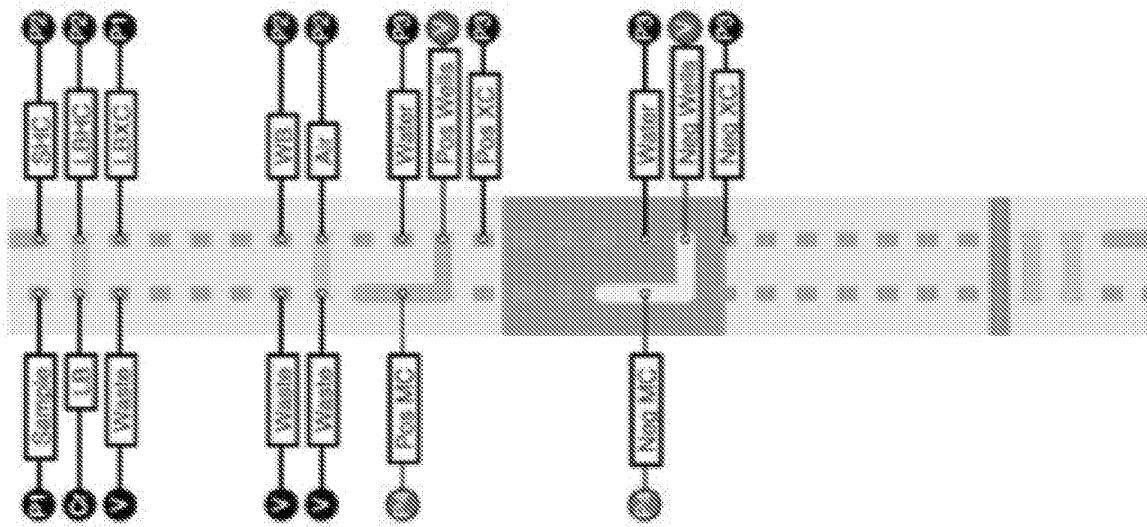


FIG. 30A

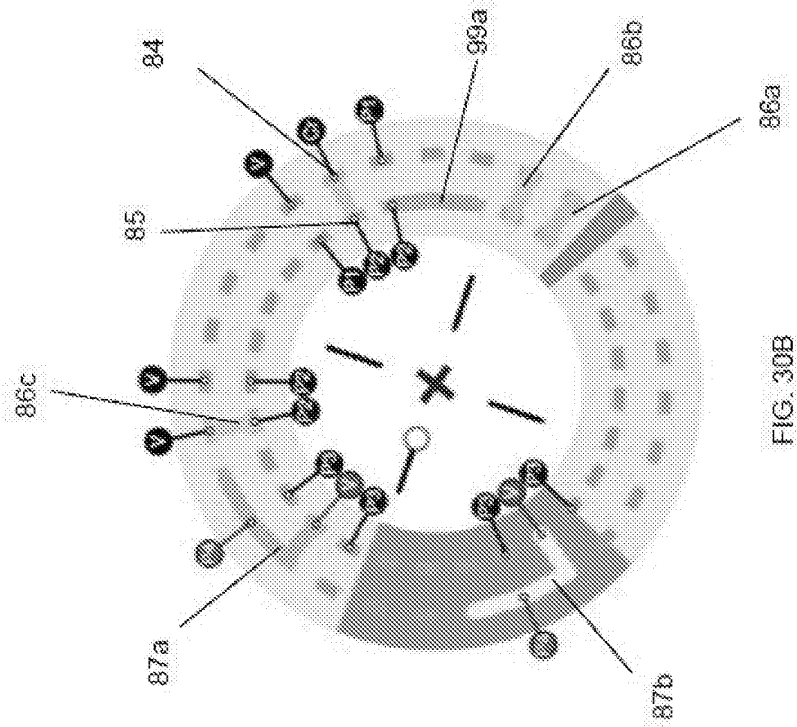


FIG. 30B

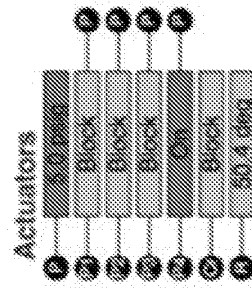


FIG. 30C