

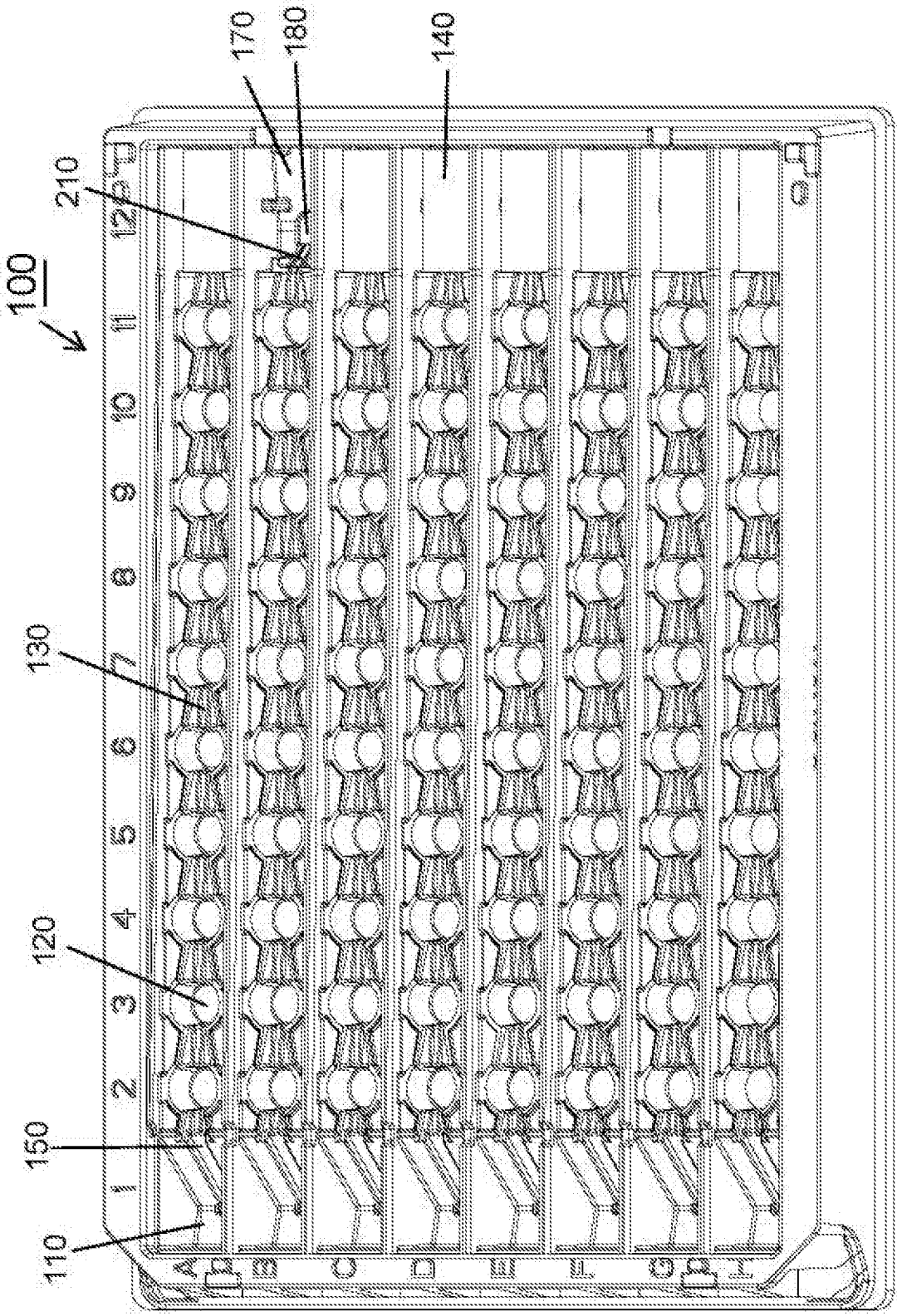


FIG. 1

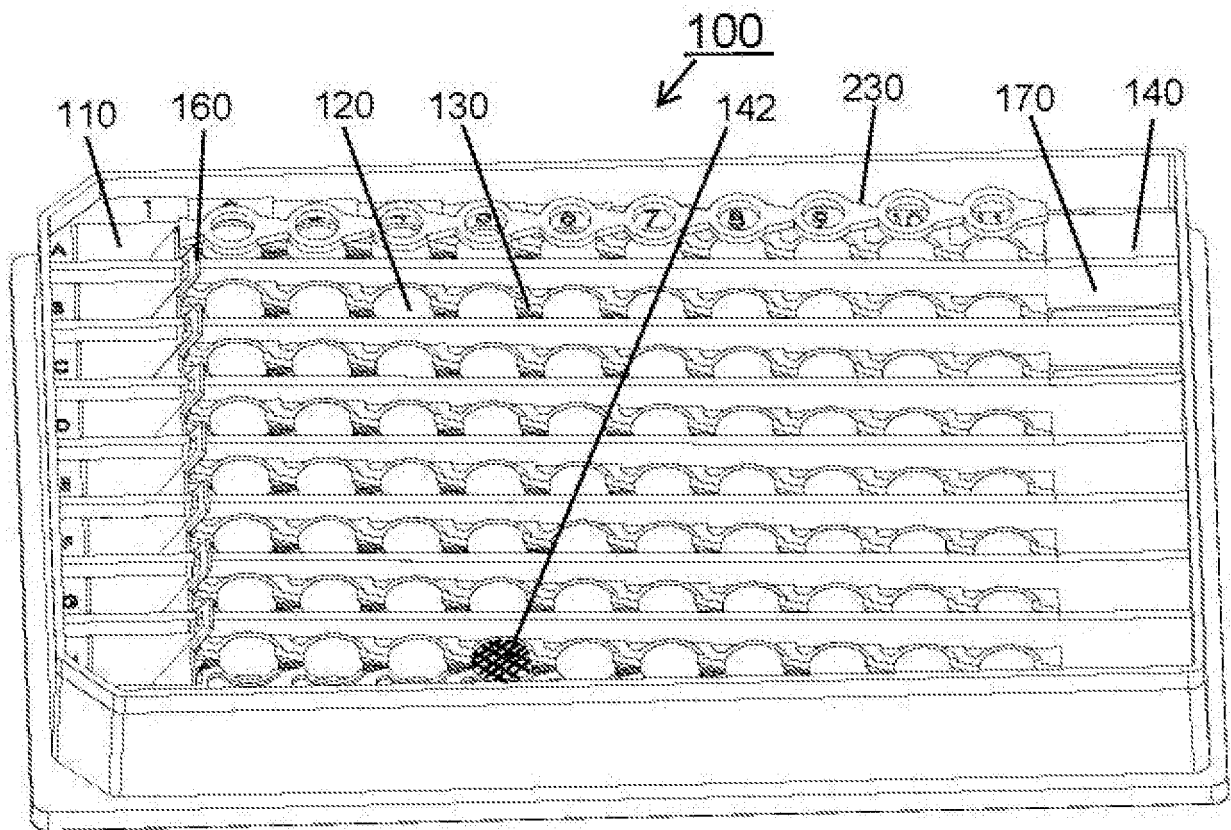


FIG. 2



FIG. 3A

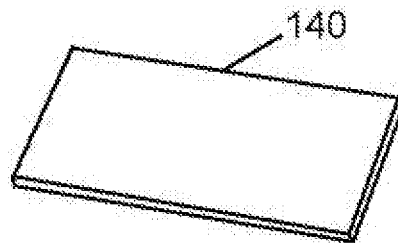


FIG. 3B

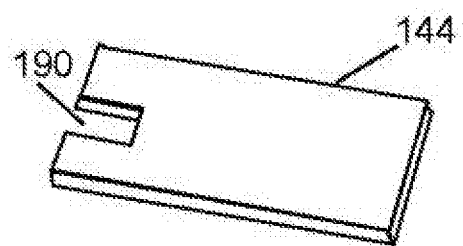


FIG. 3C

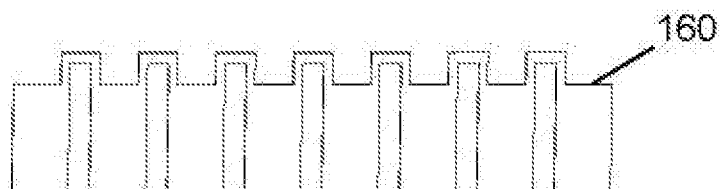


FIG. 4

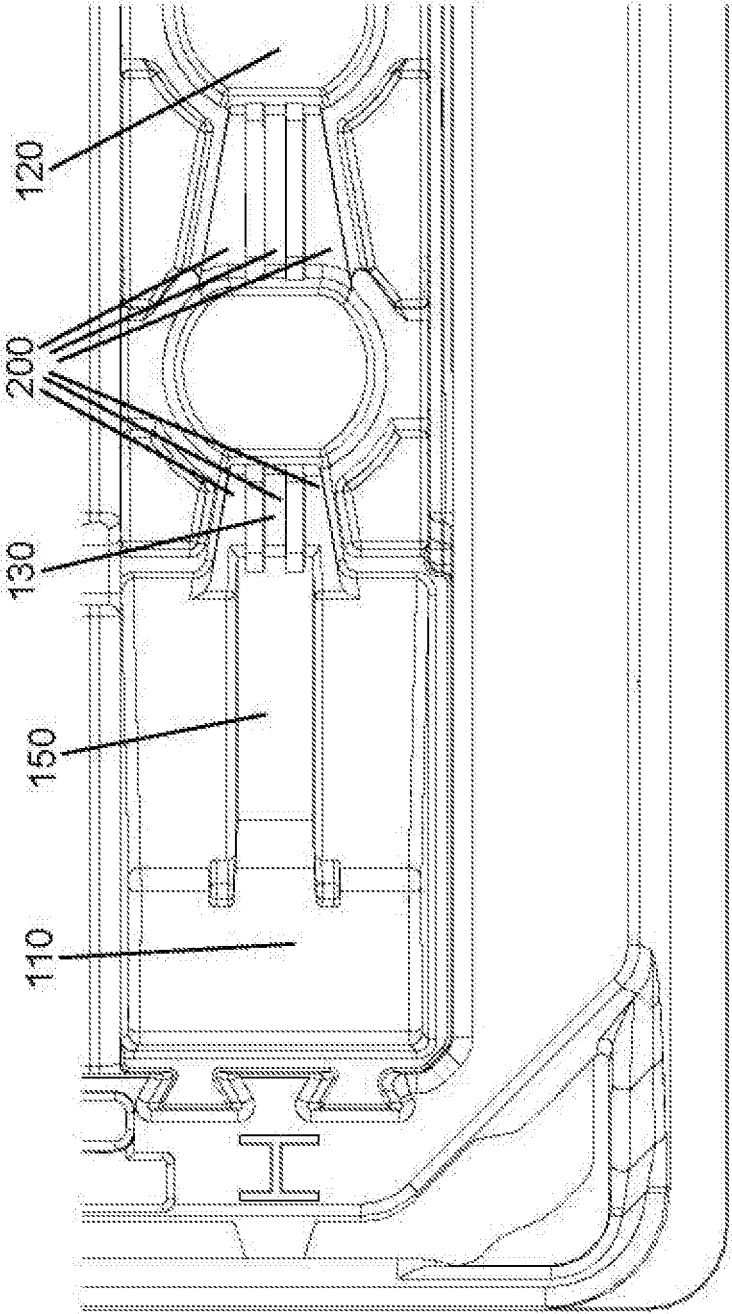


FIG. 5

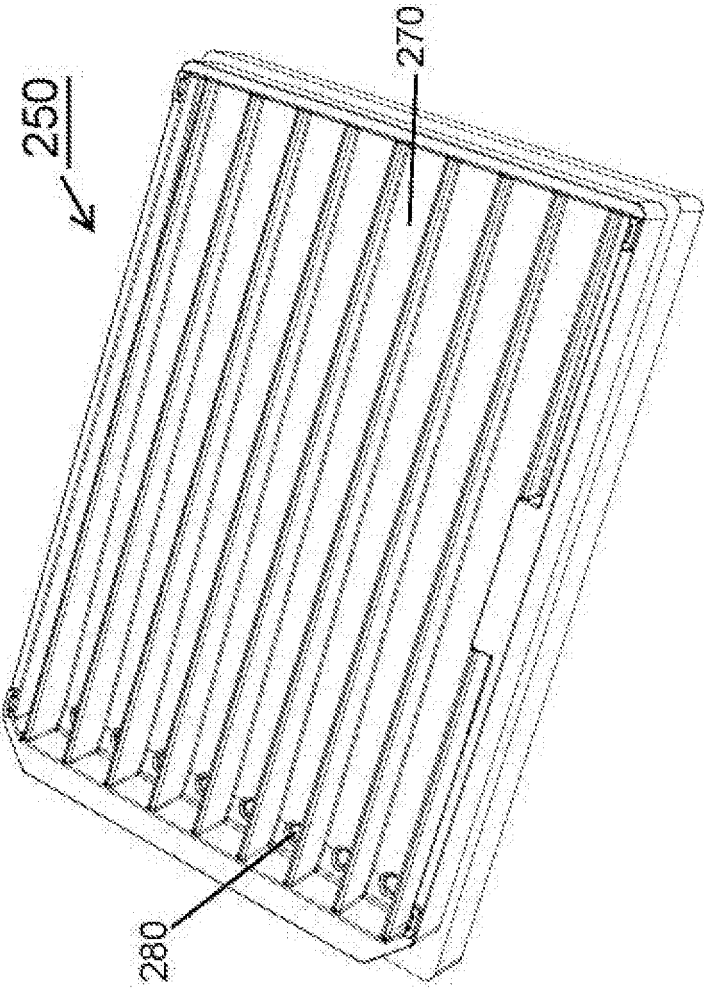


FIG. 6

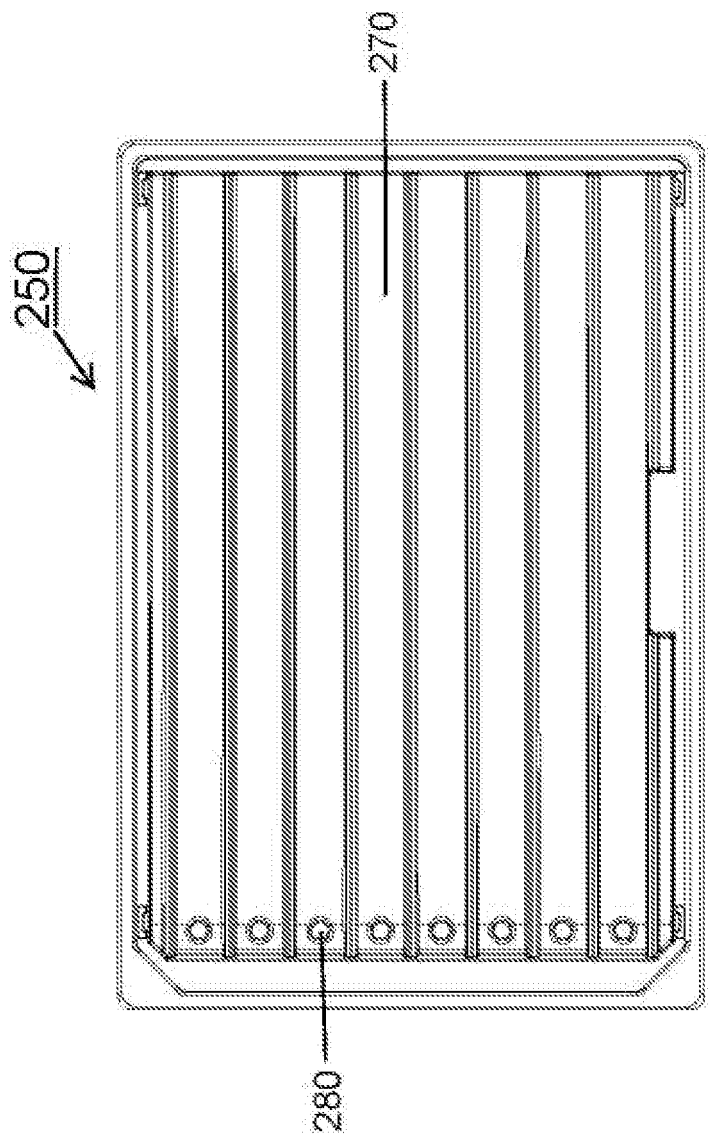


FIG. 7

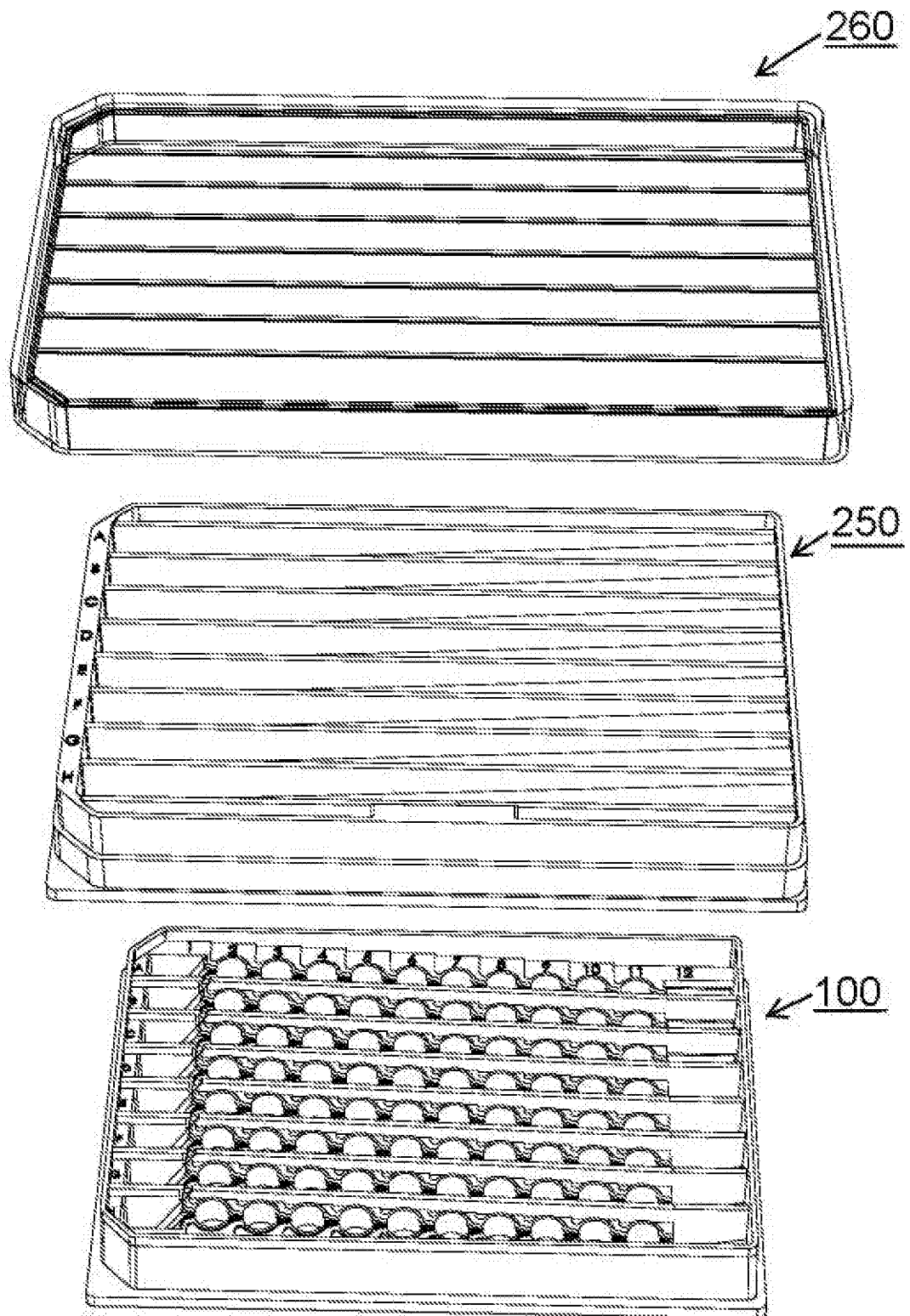


FIG. 8

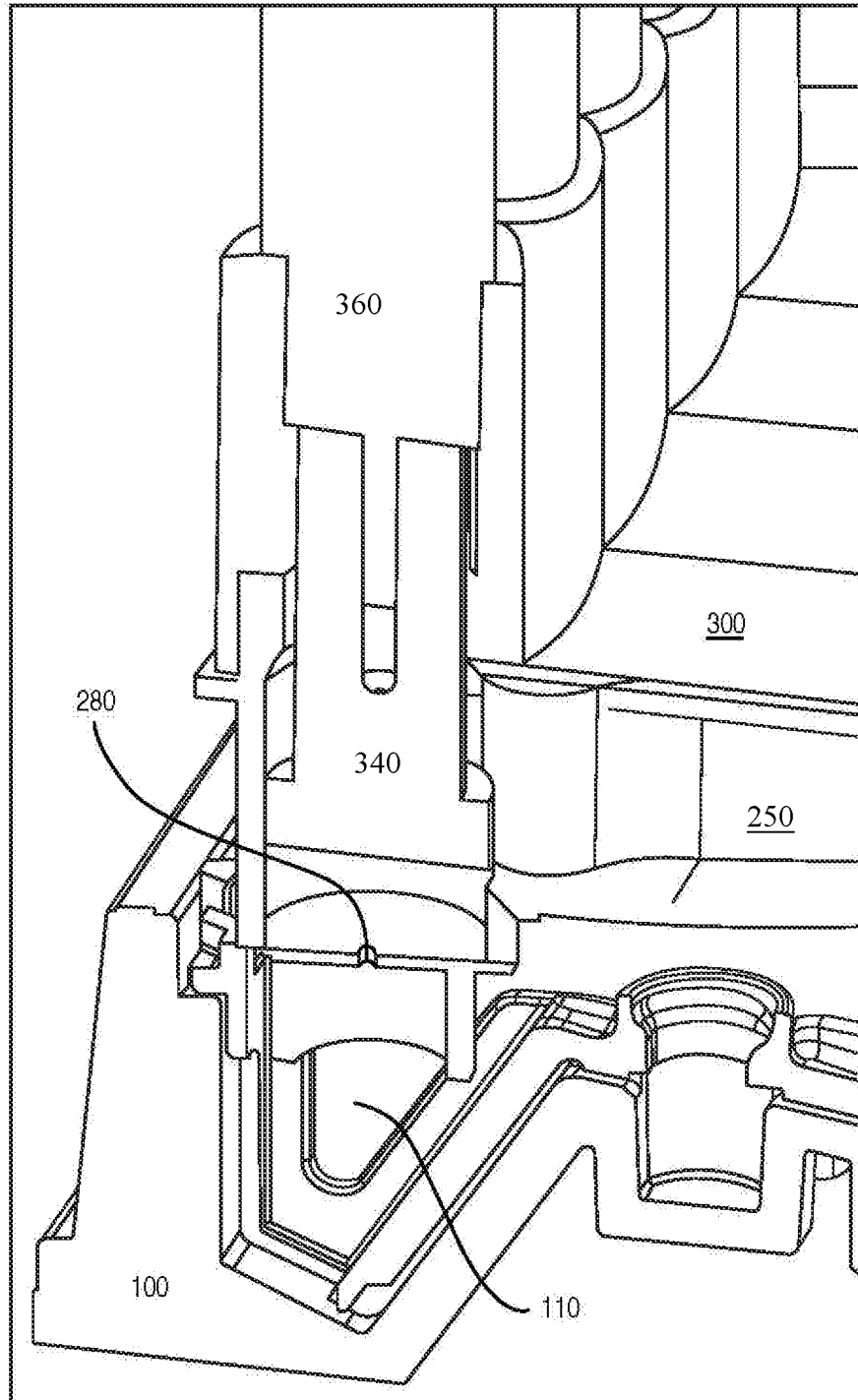


Figure 9

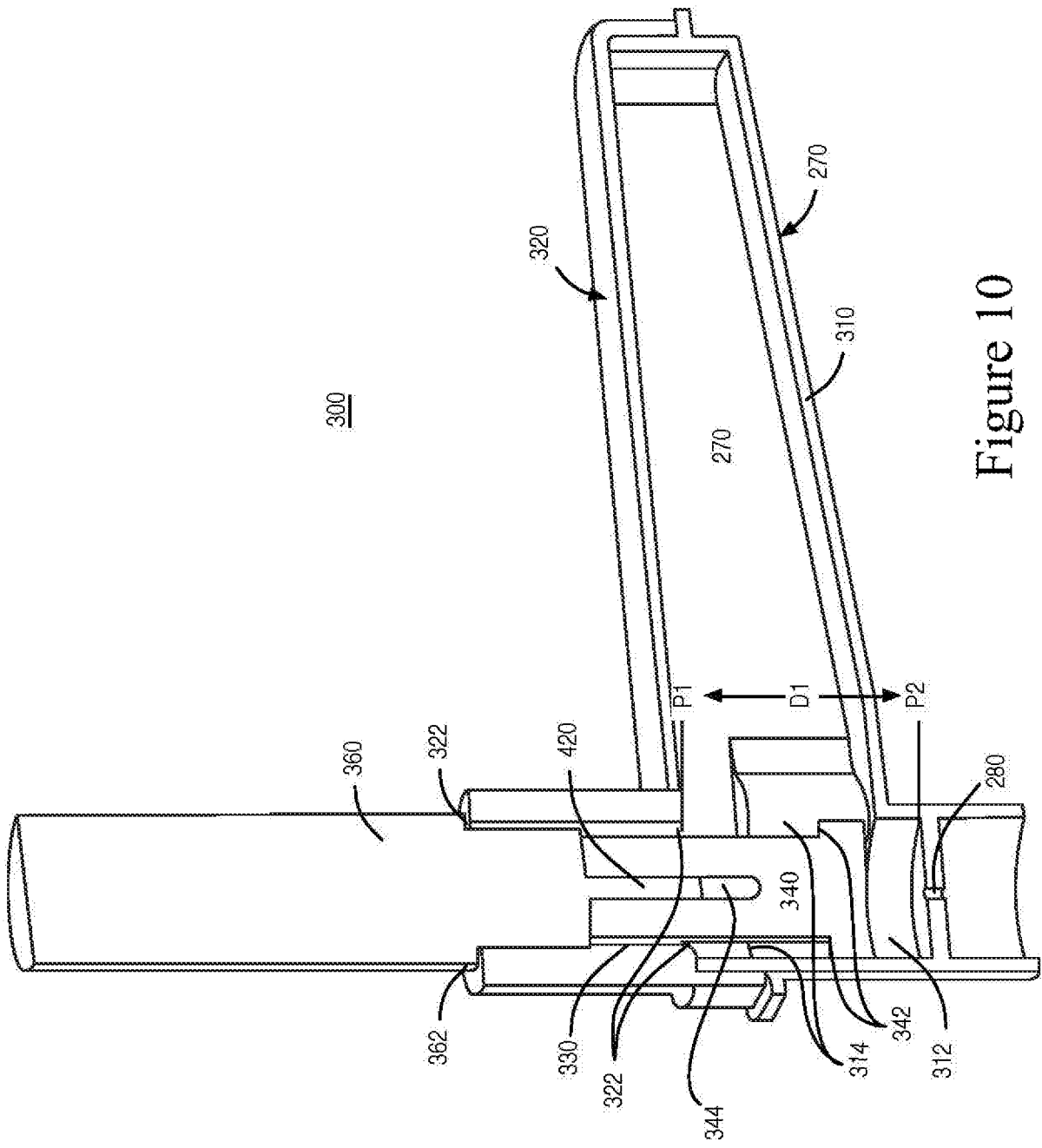


Figure 10

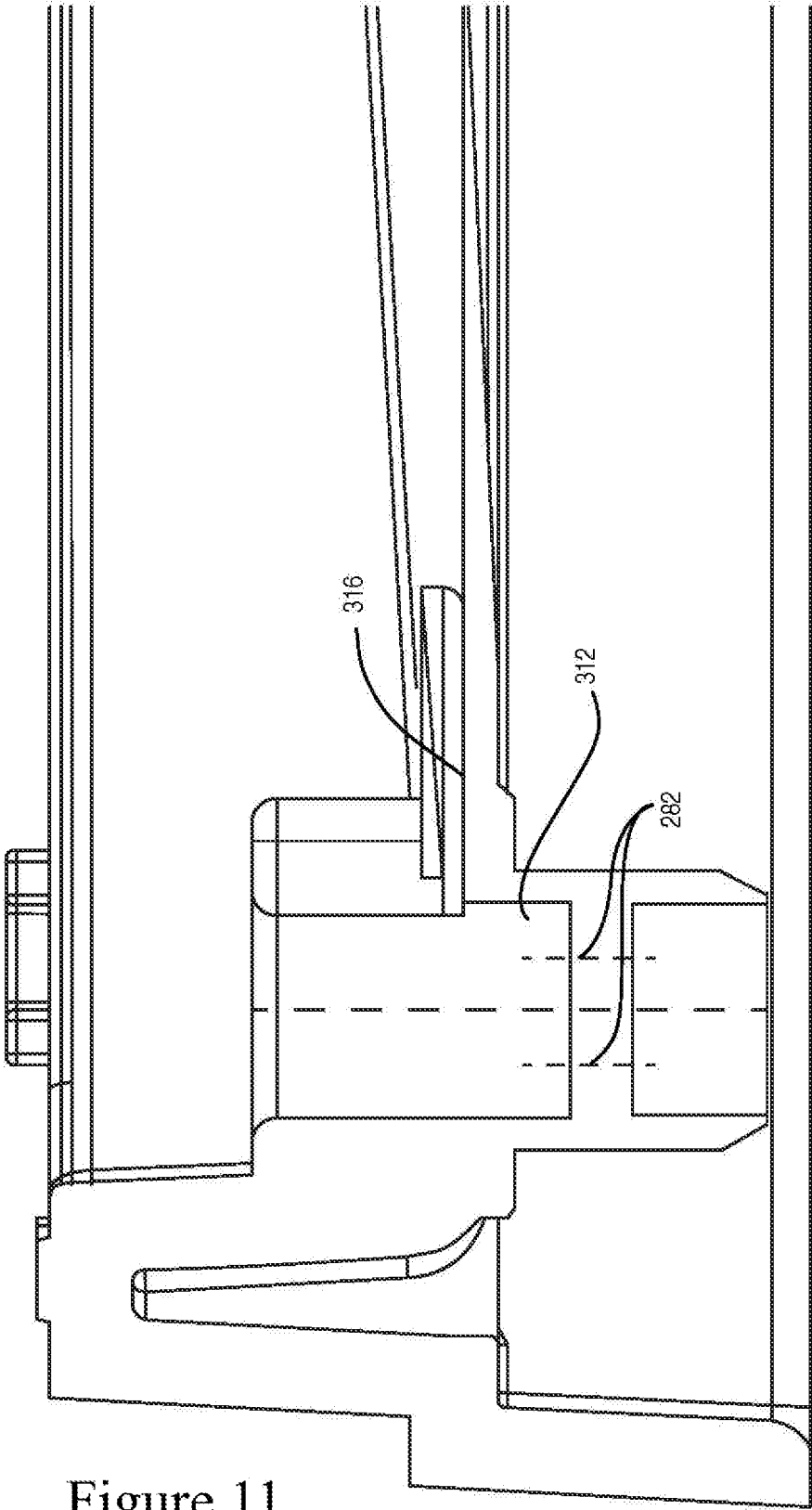


Figure 11

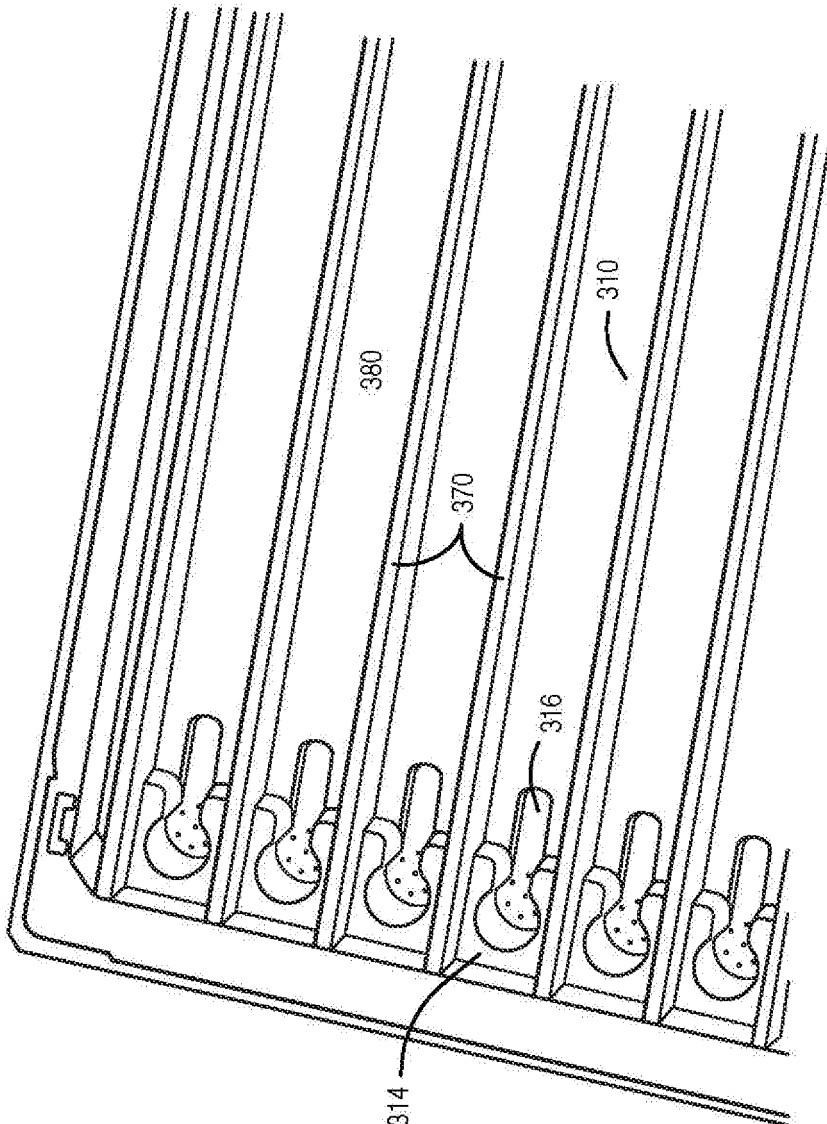


Figure 12

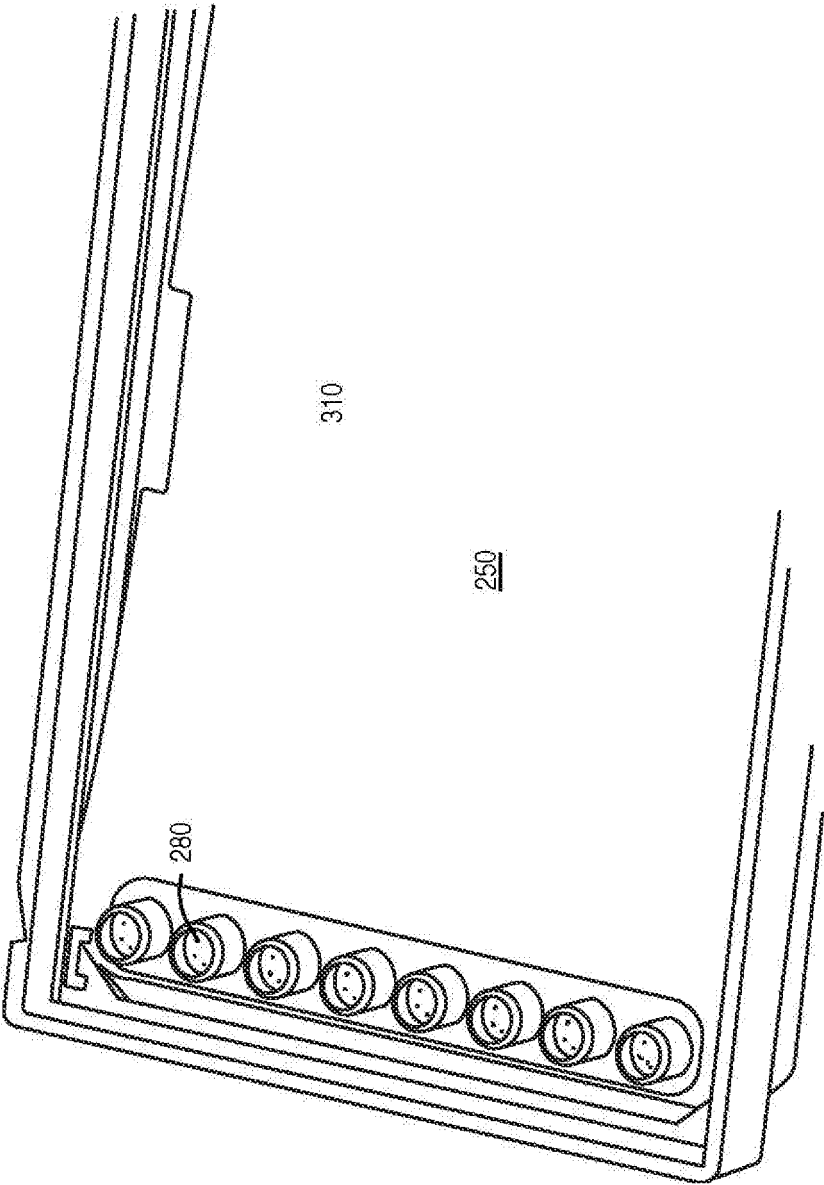


Figure 13

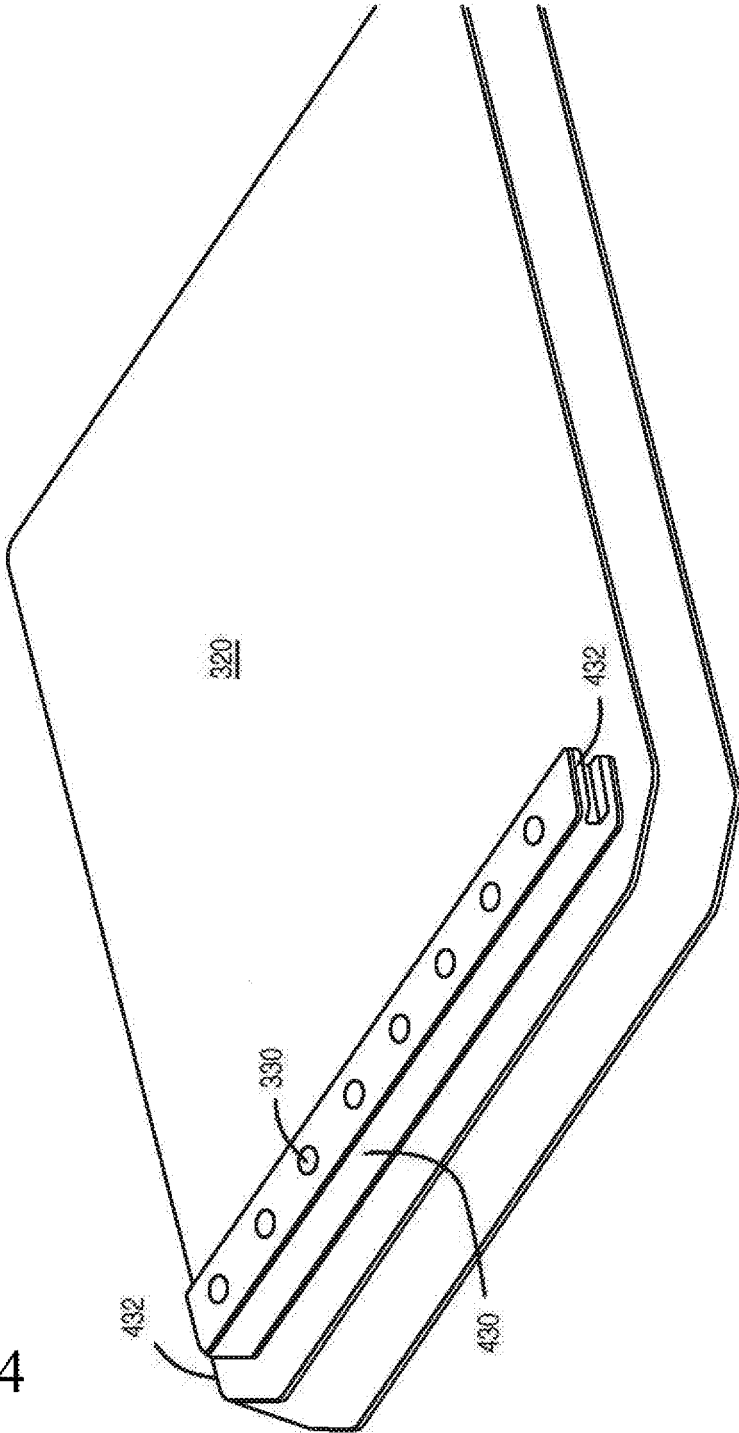


Figure 14

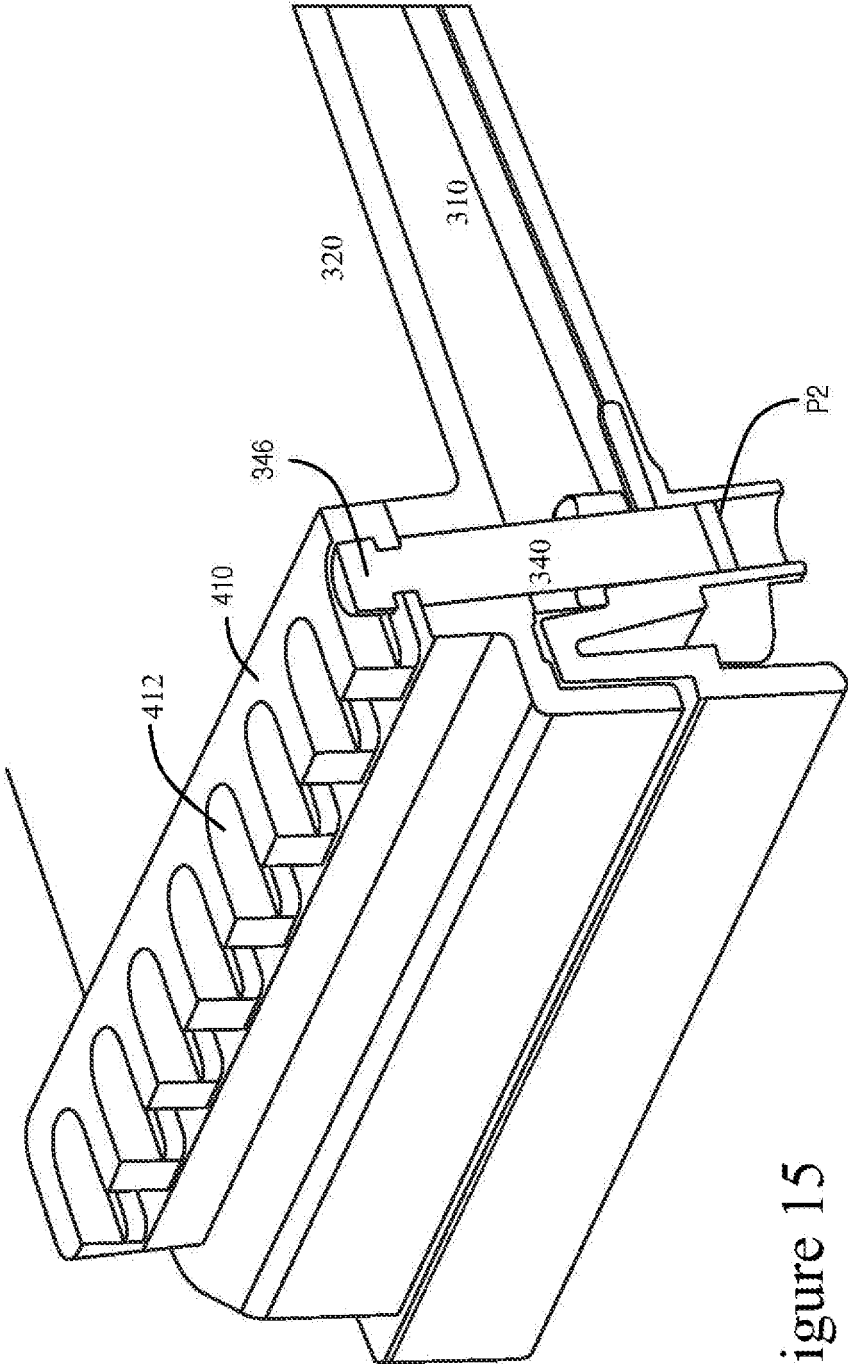


Figure 15

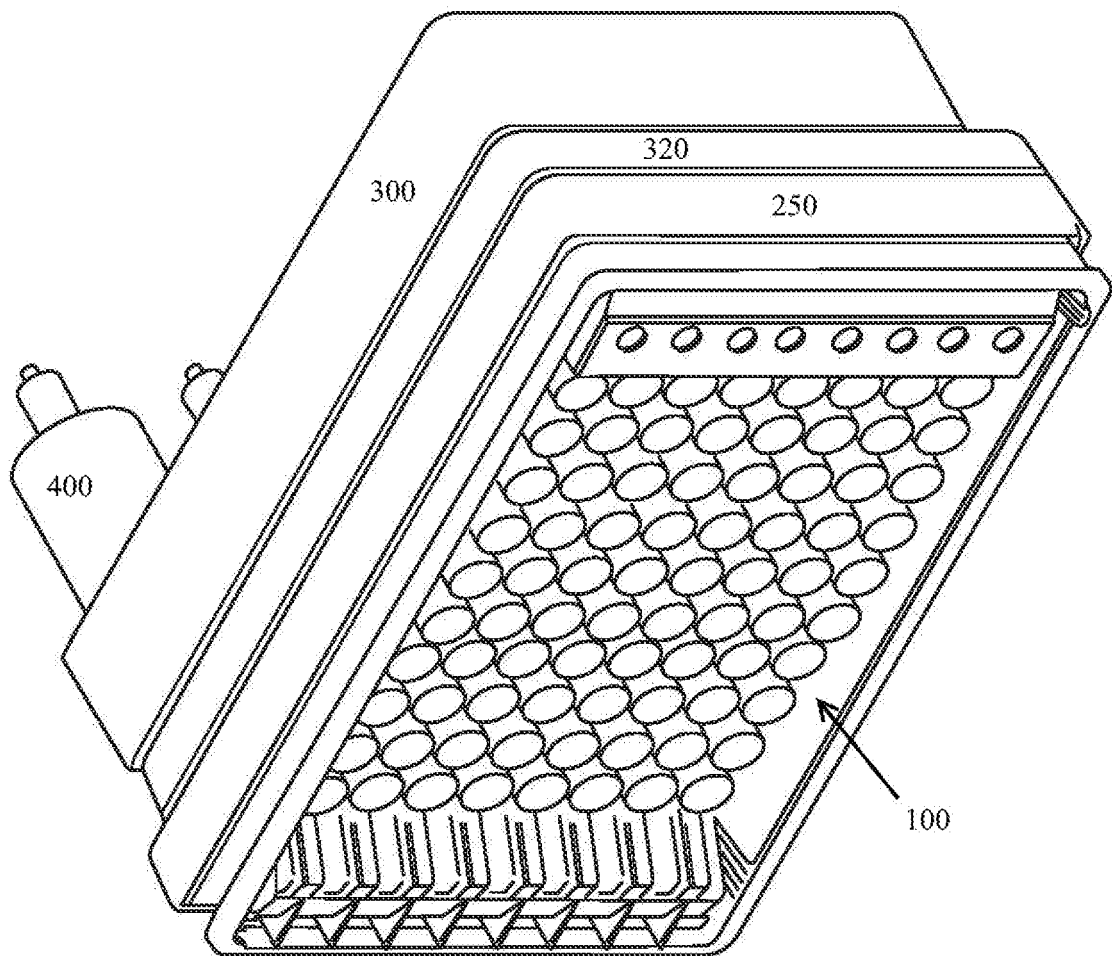


Figure 16

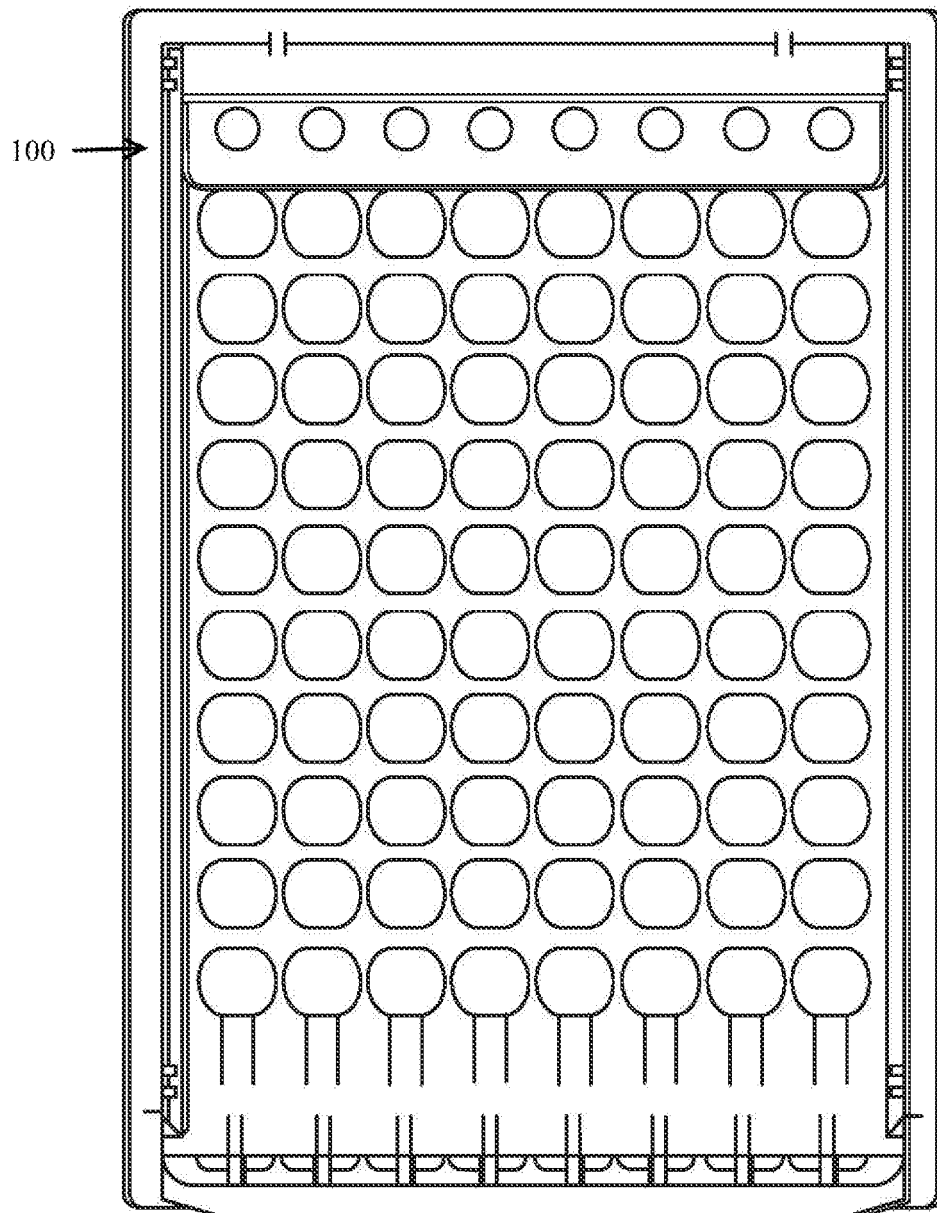


Figure 17

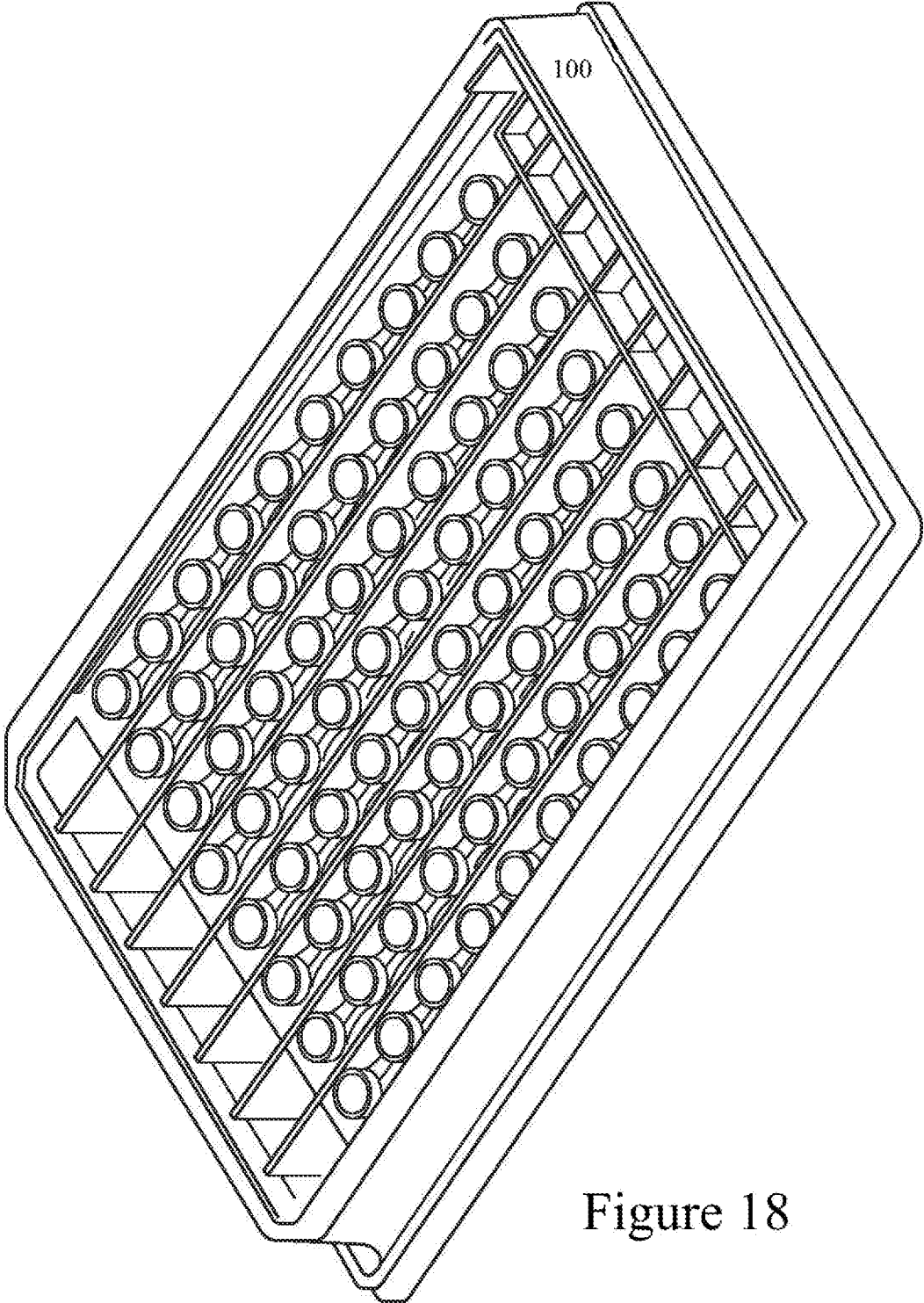


Figure 18

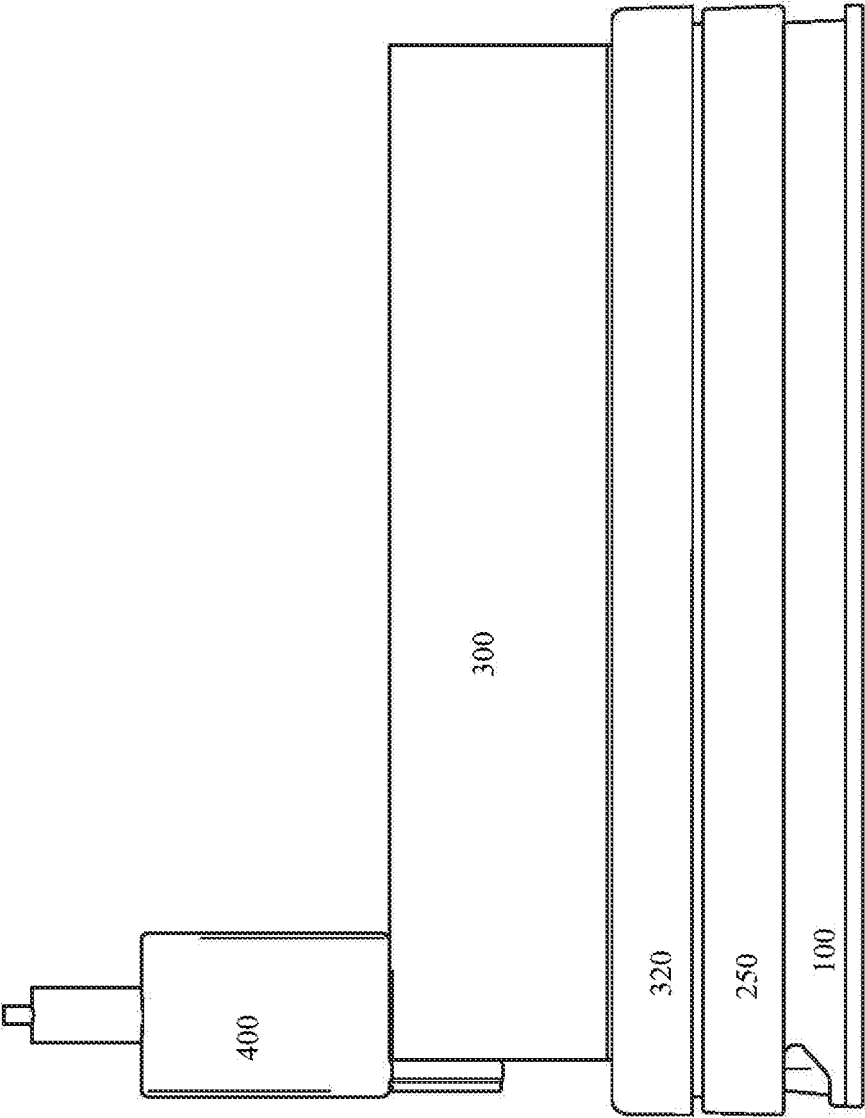


Figure 19

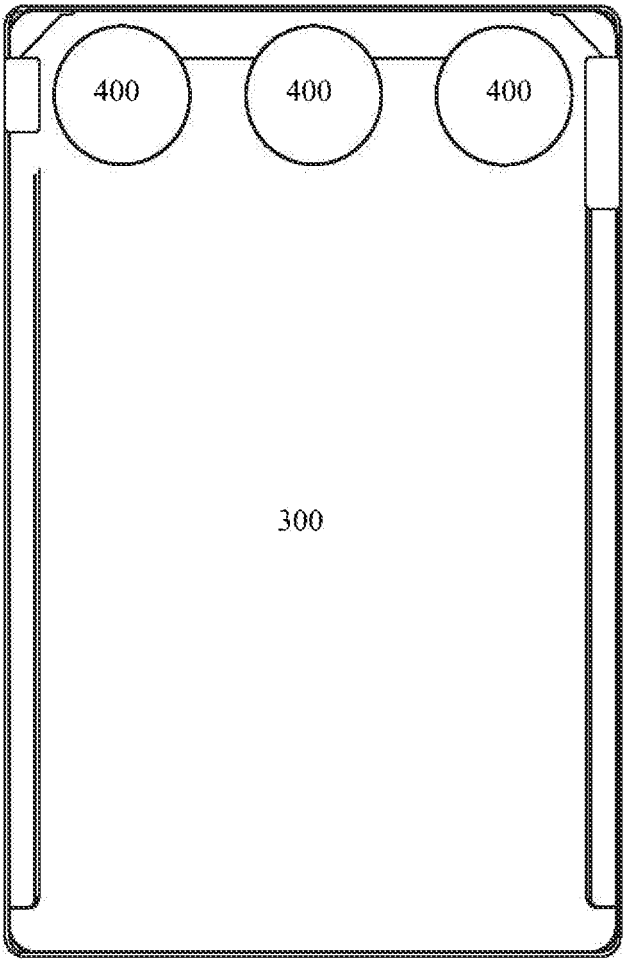


Figure 20

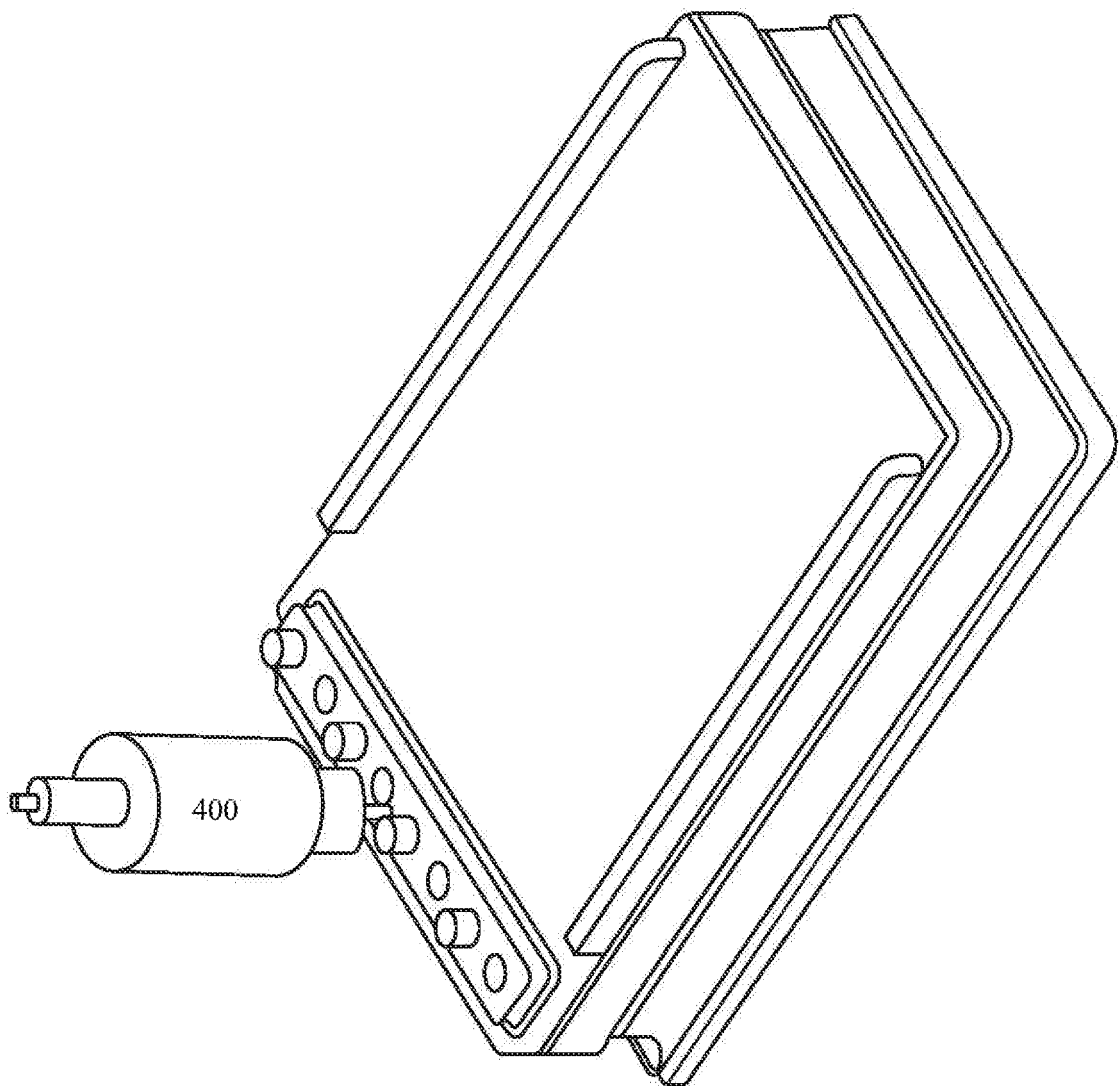


Figure 21

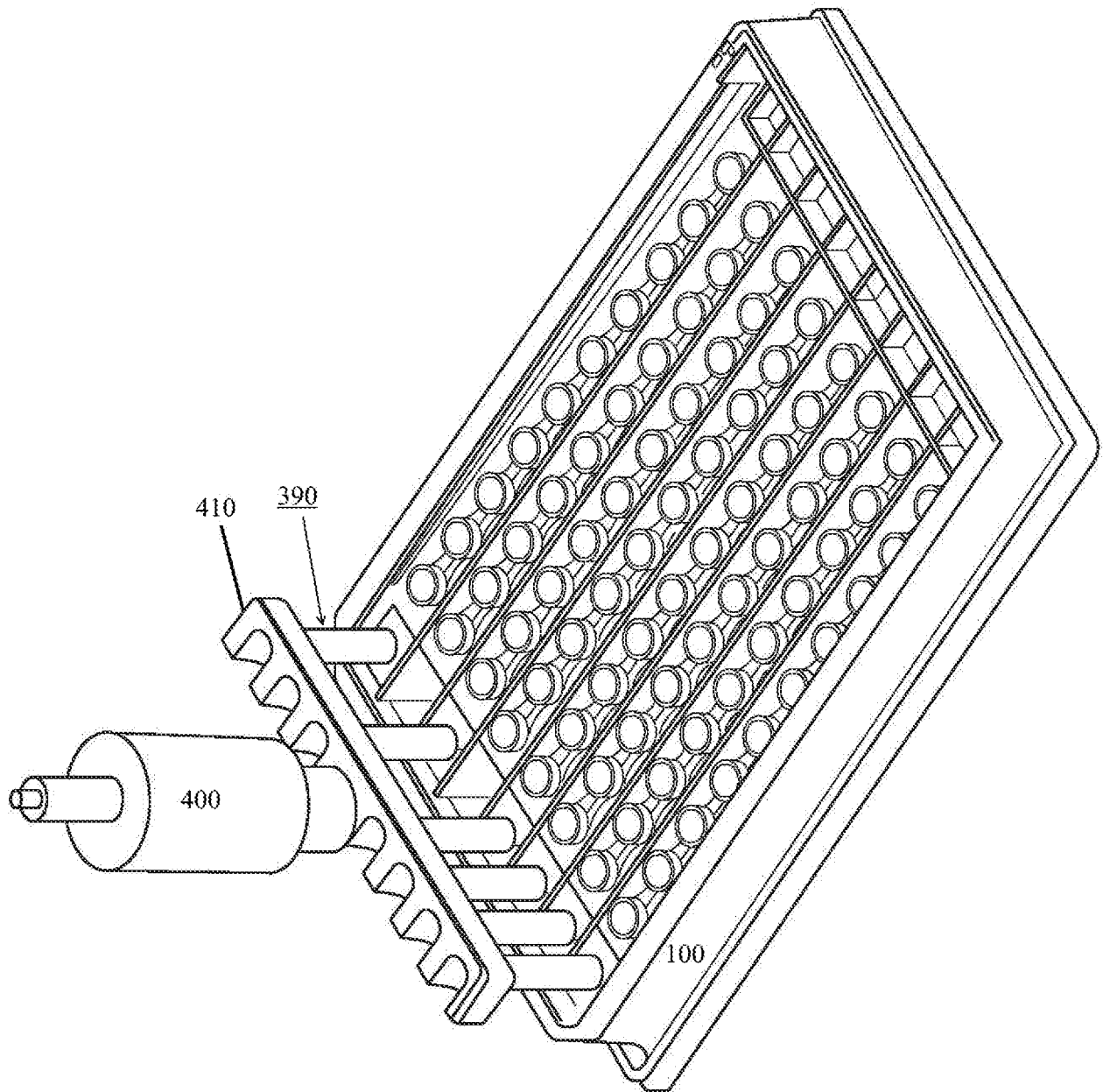


Figure 22

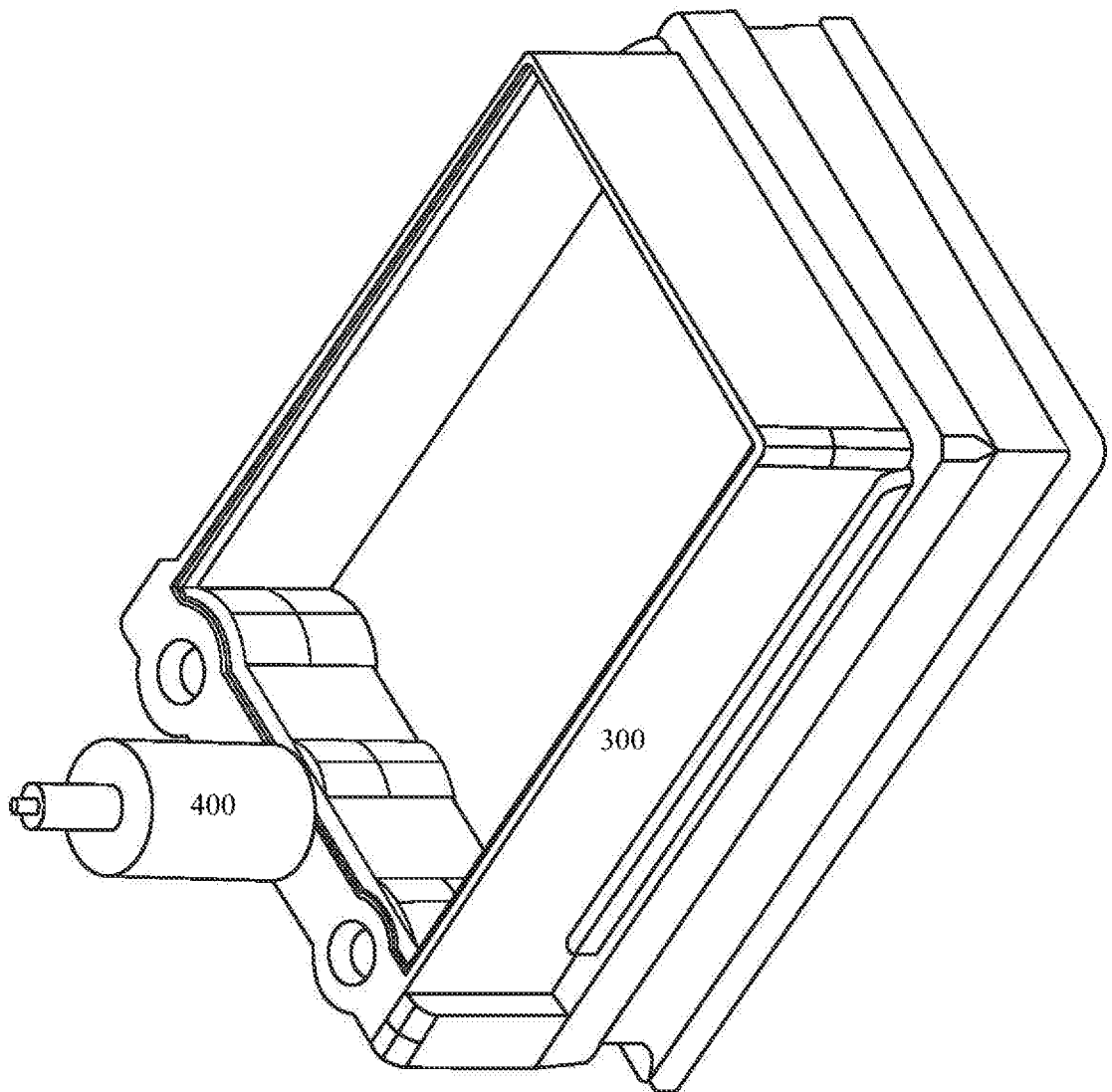


Figure 23

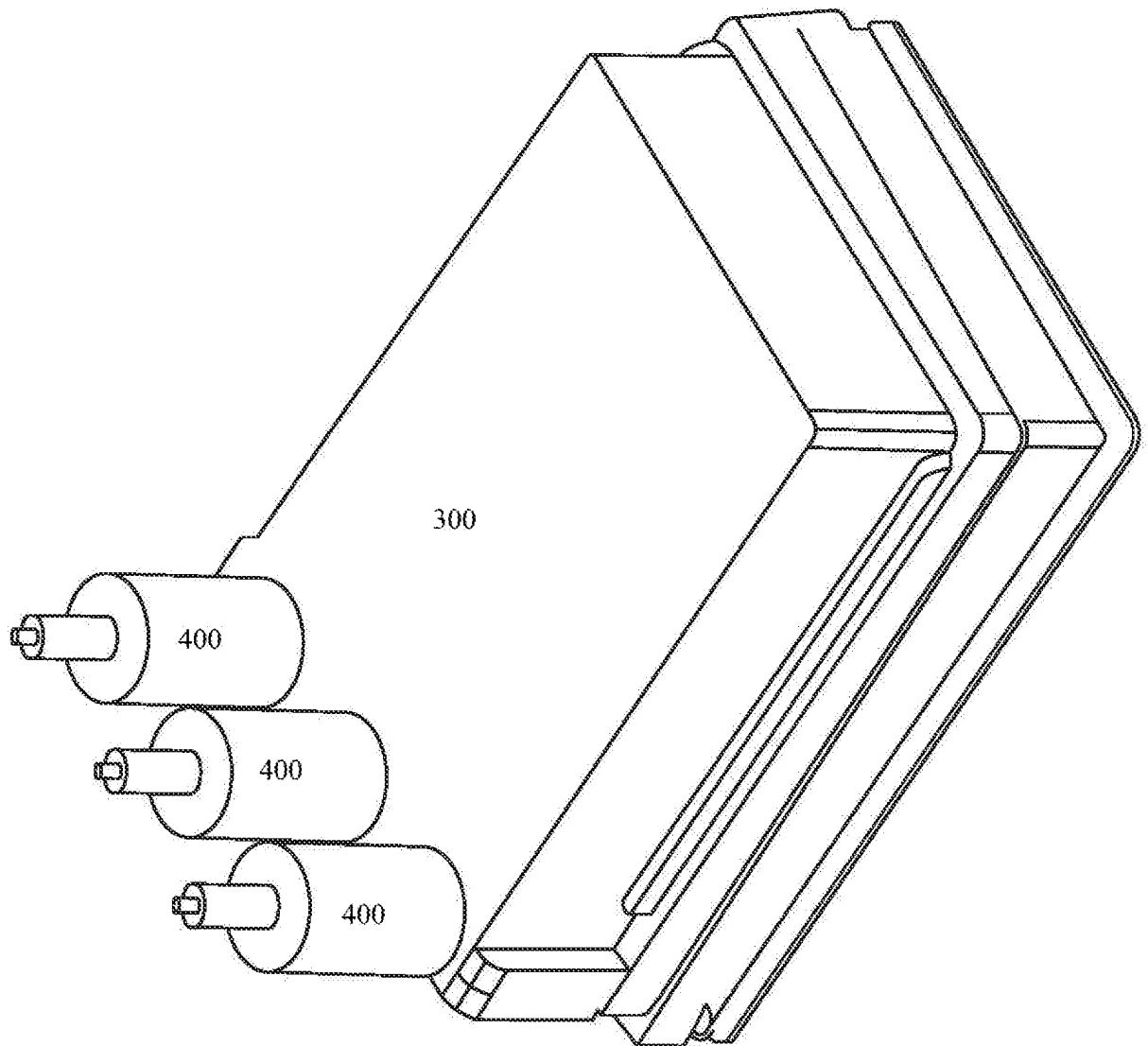


Figure 24

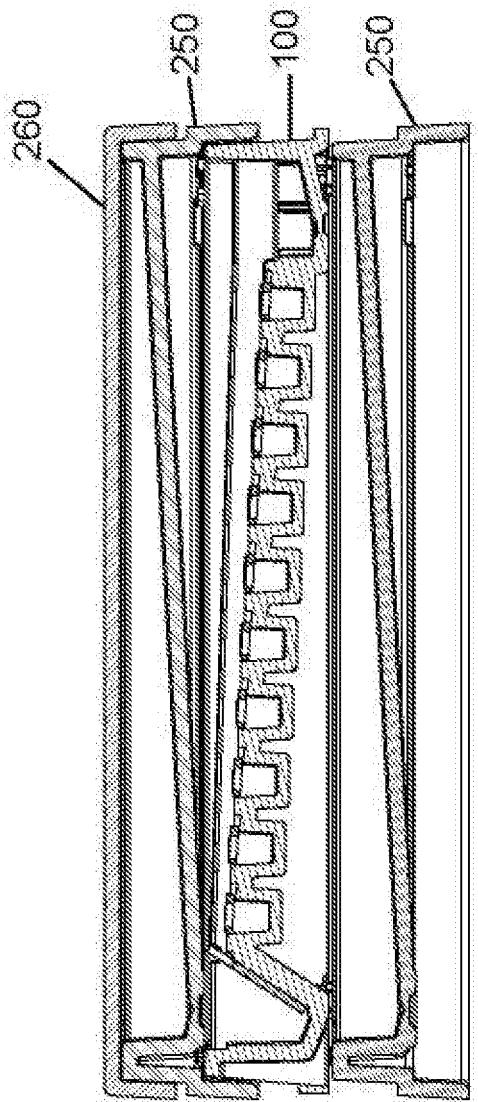


FIG. 25

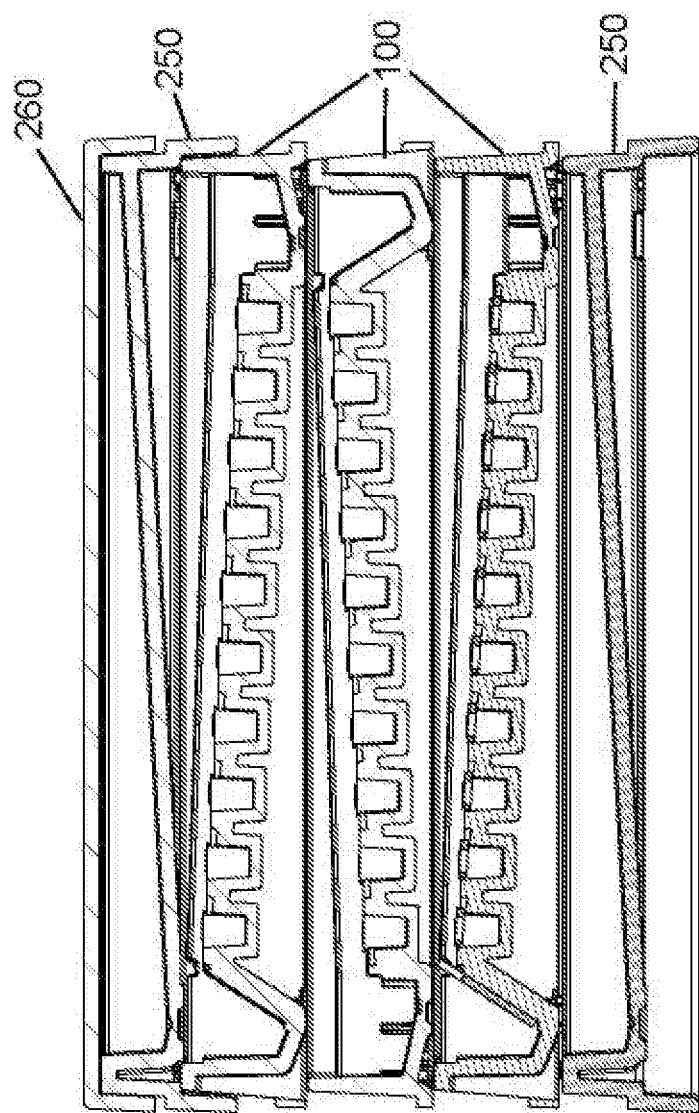
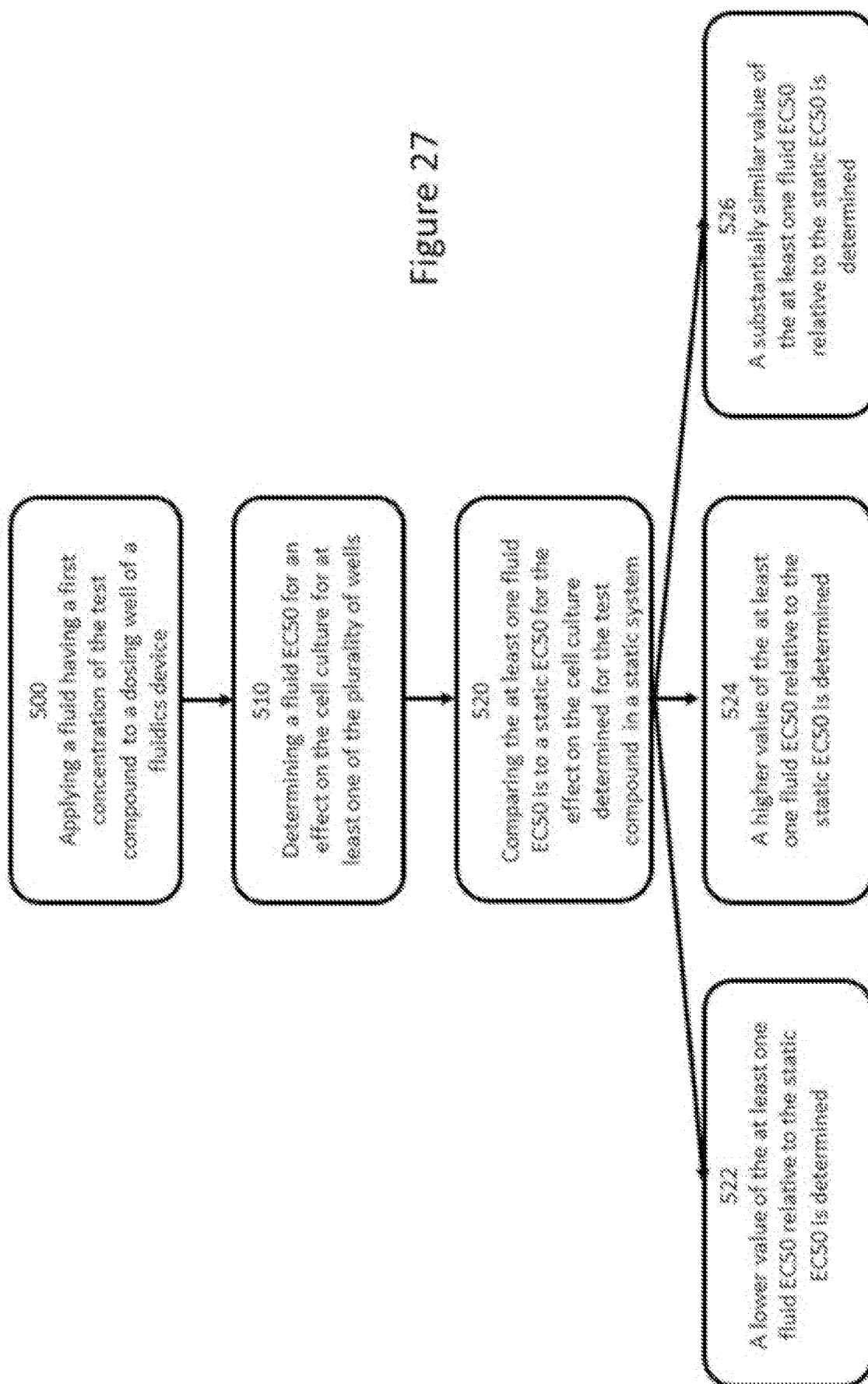
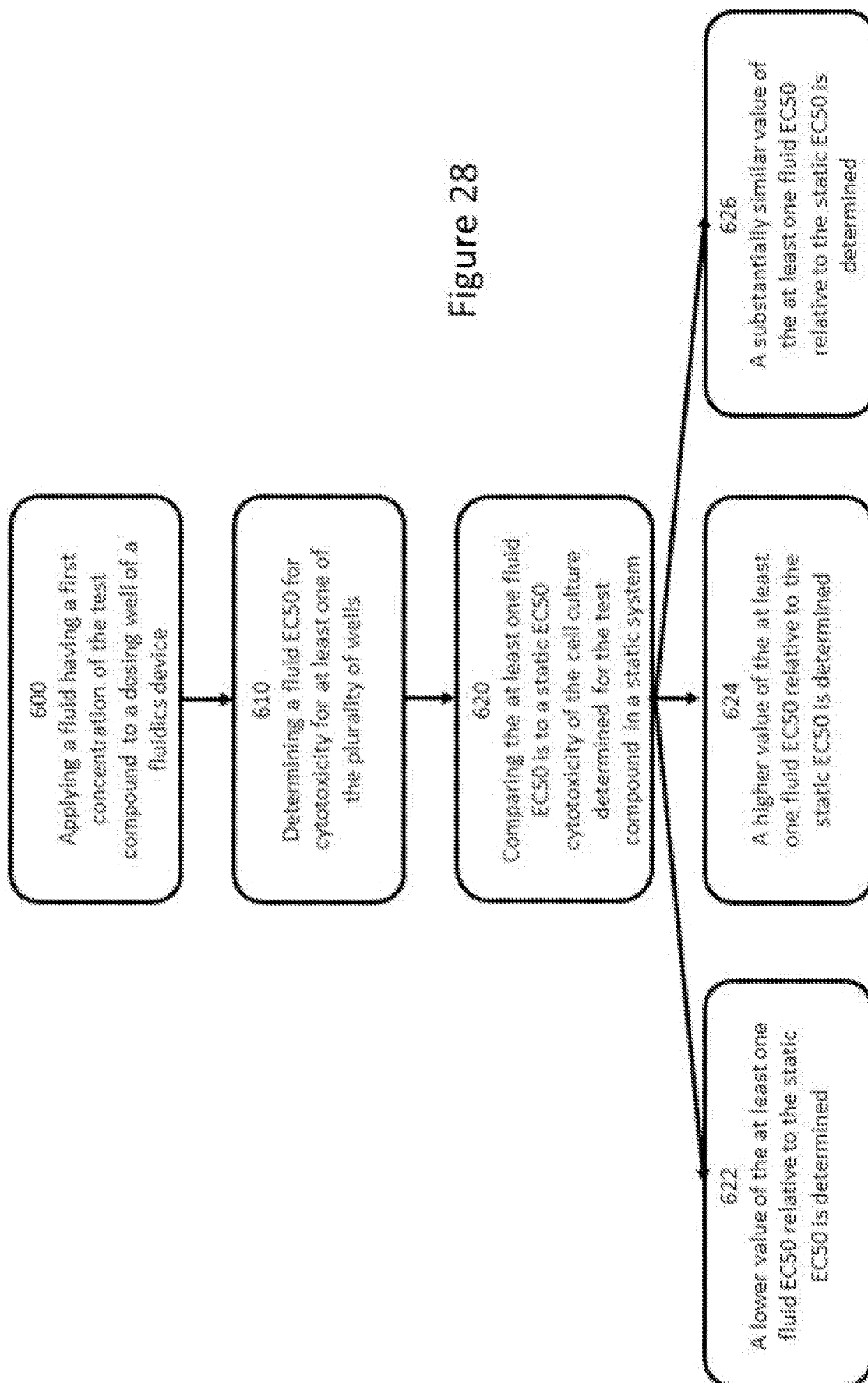
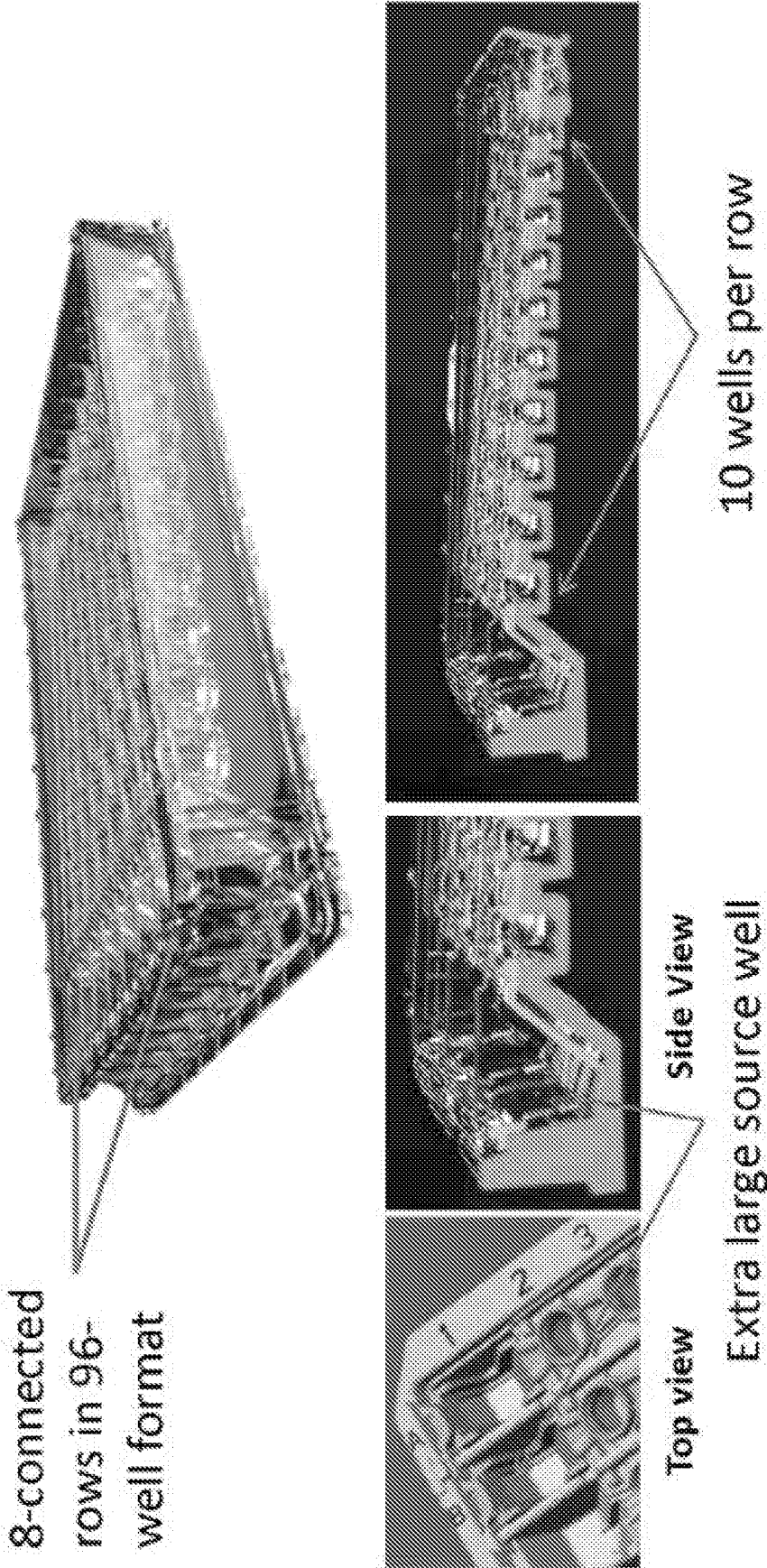


FIG. 26







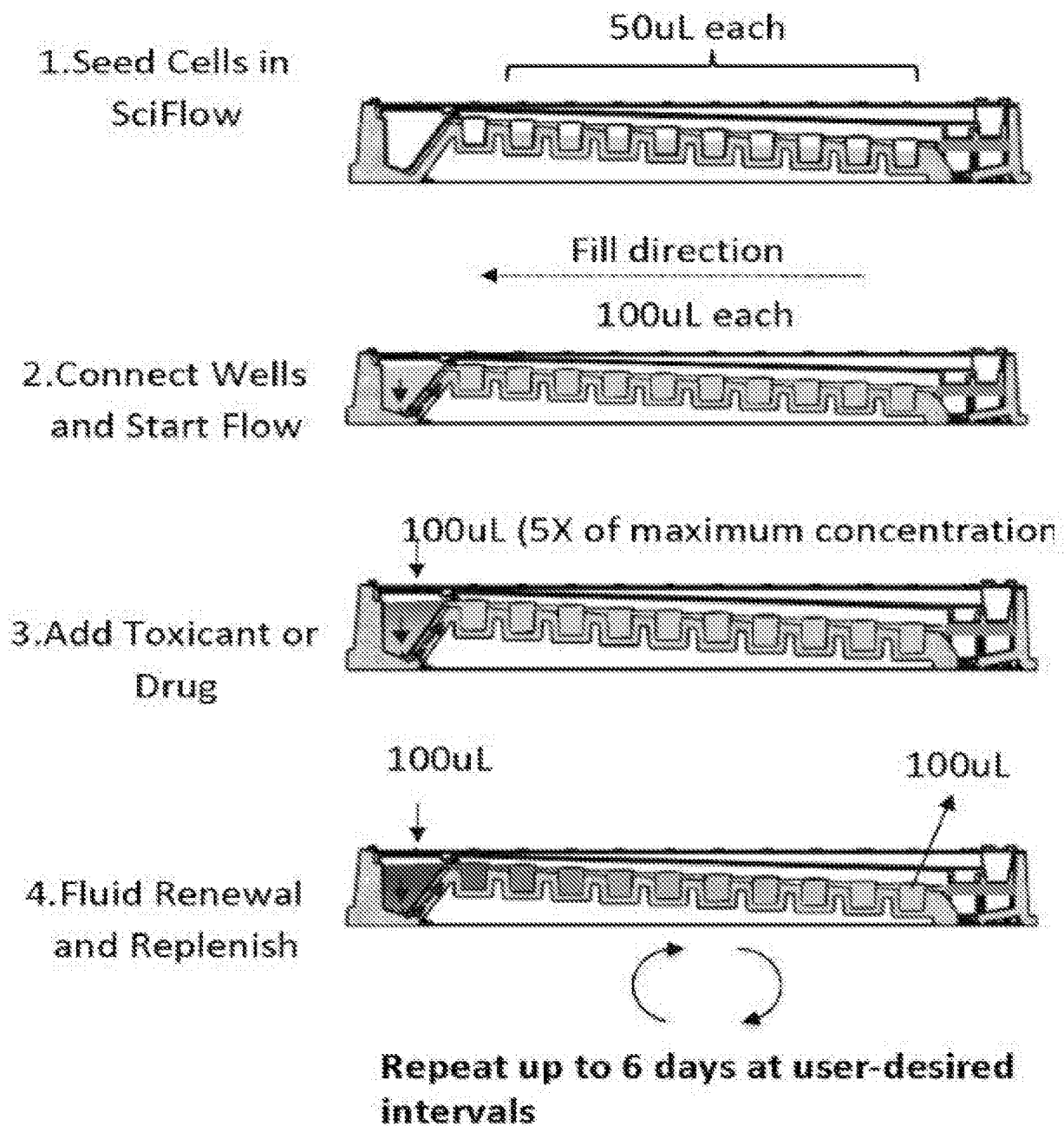


Figure 30

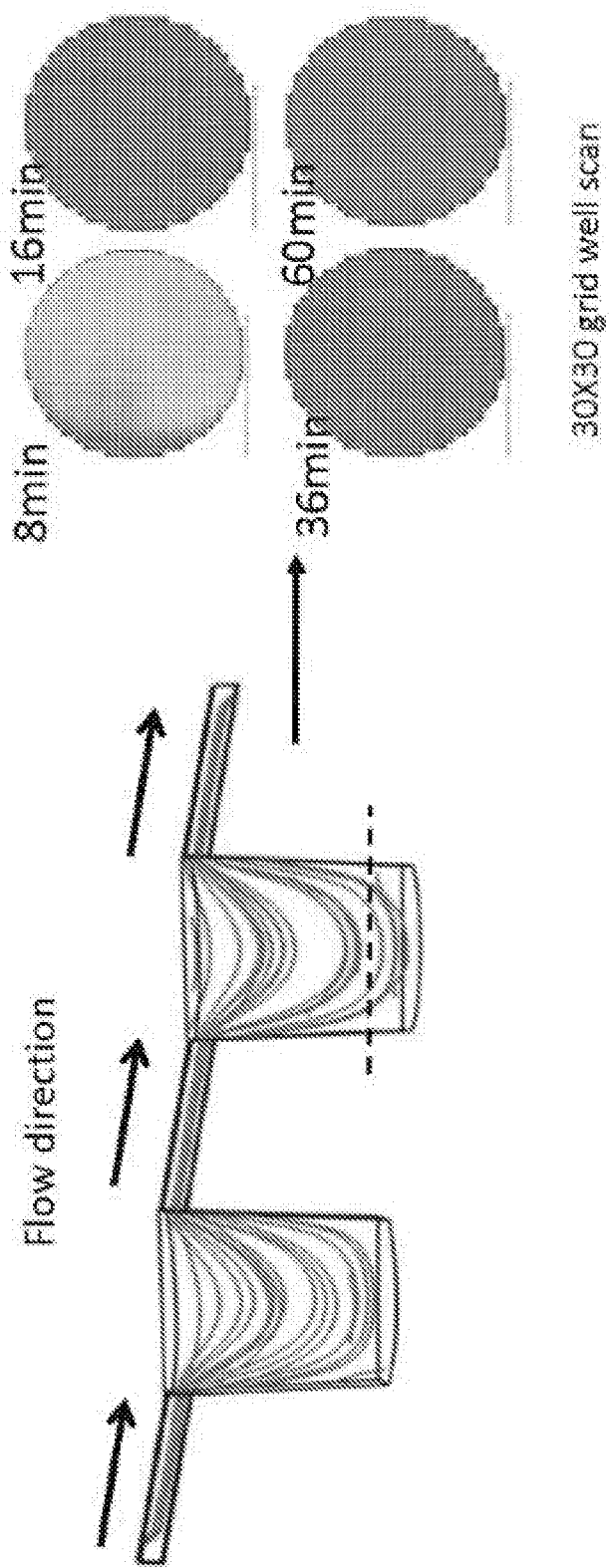


Figure 31

Well	Z-Height optimized (um)
3	20858
4	20545
5	20545
6	20544
7	20231
8	19918
9	19918
10	19605
11	19605

Figure 32

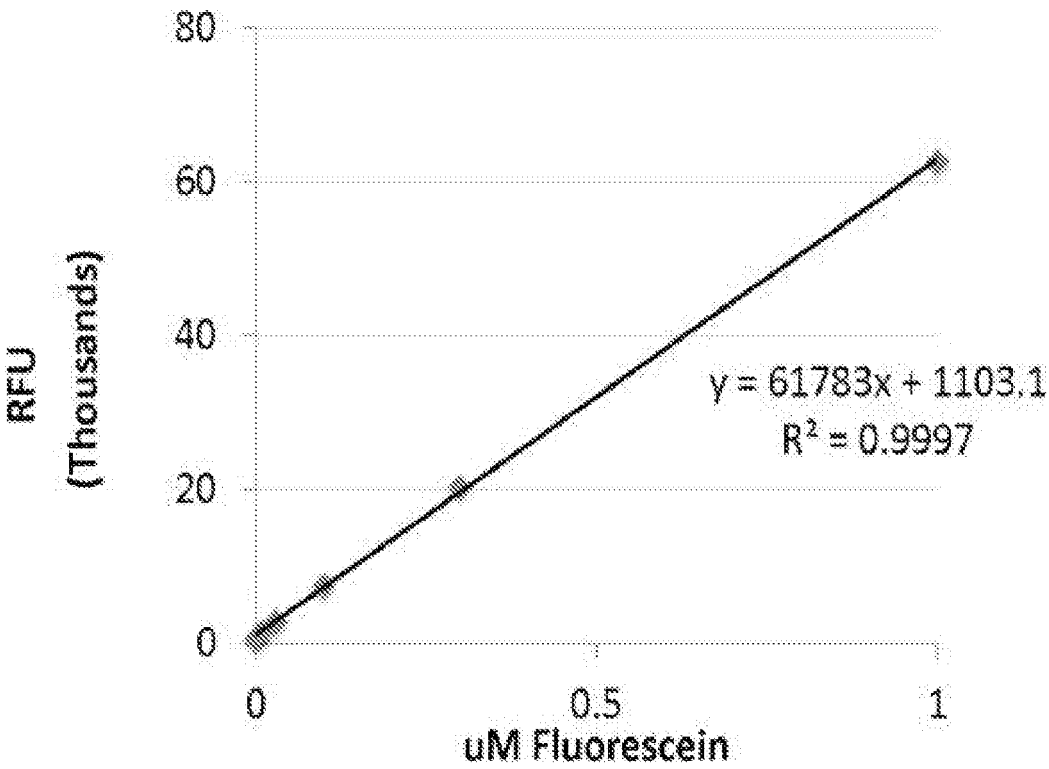


Figure 33

	Source	Regulator	3	4	5	6	7	8	9	10	11	Syphon
A	1uM Fluorescein		Acellular Wells (no metabolism)									
B												
C												
D	Vehicle Control		HepG2 cells, 30000 cells/well									
E												
F												
G	Treated (150uM Tamoxifen or 50mM APAP)		HepG2 cells, 30000 cells/well									
H												
I												

Figure 34

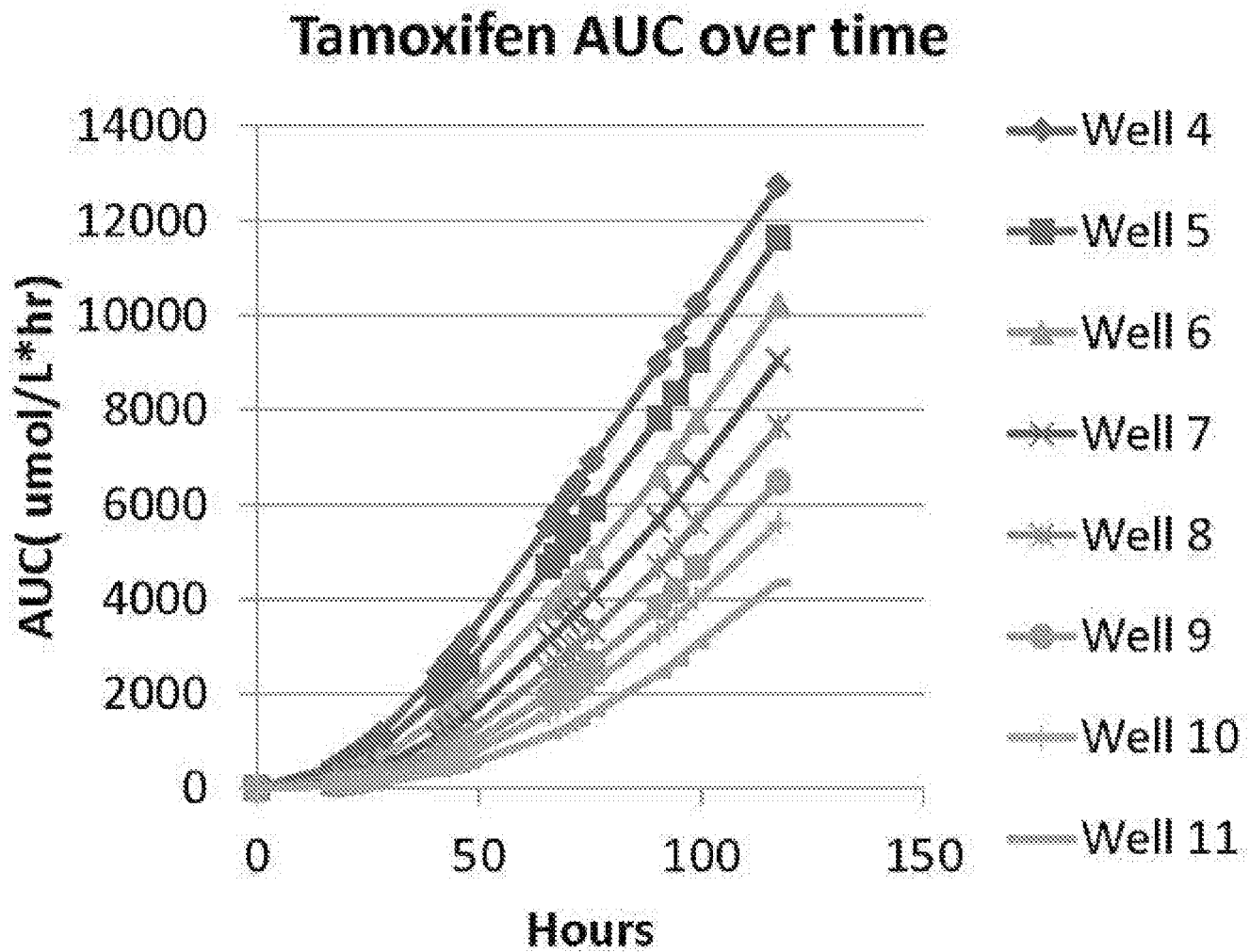


Figure 35

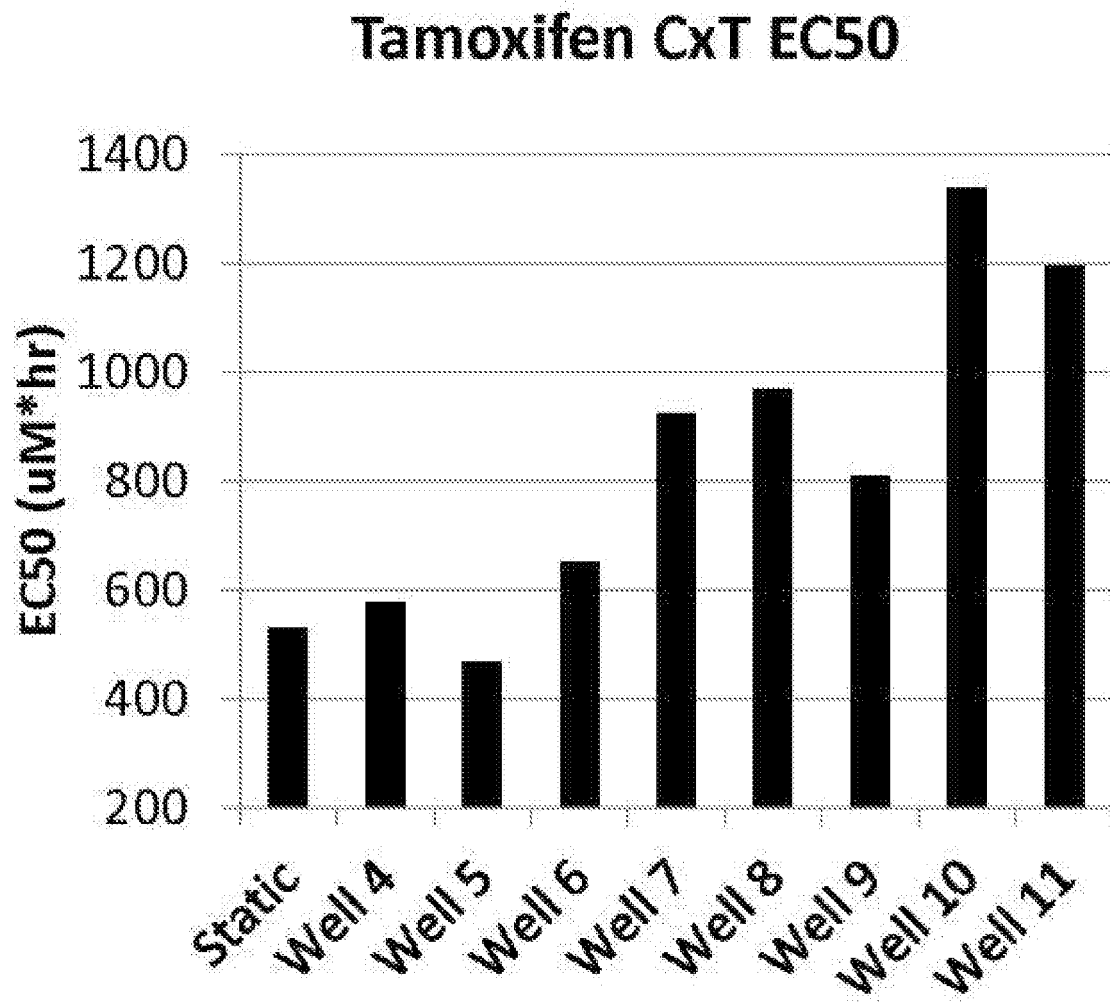


Figure 36

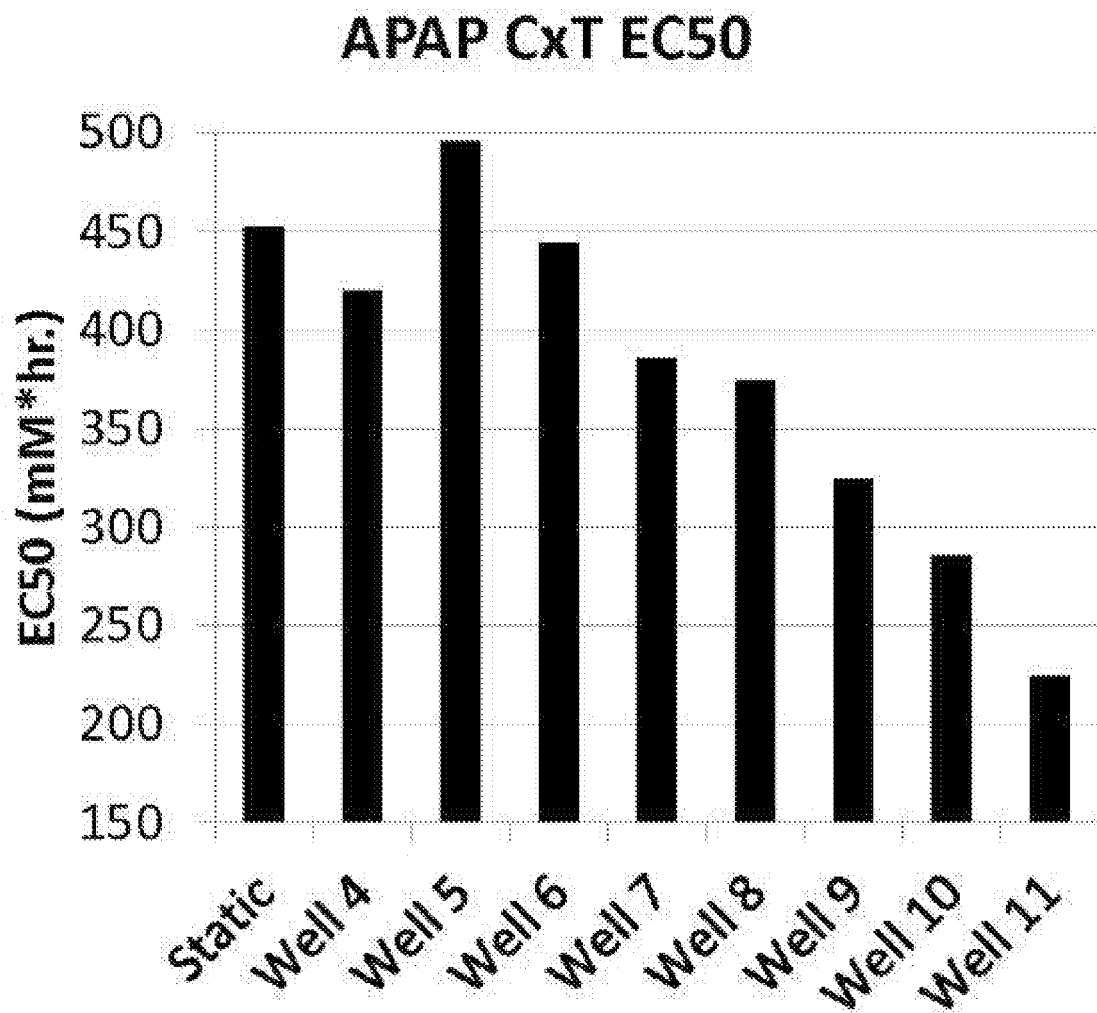


Figure 37

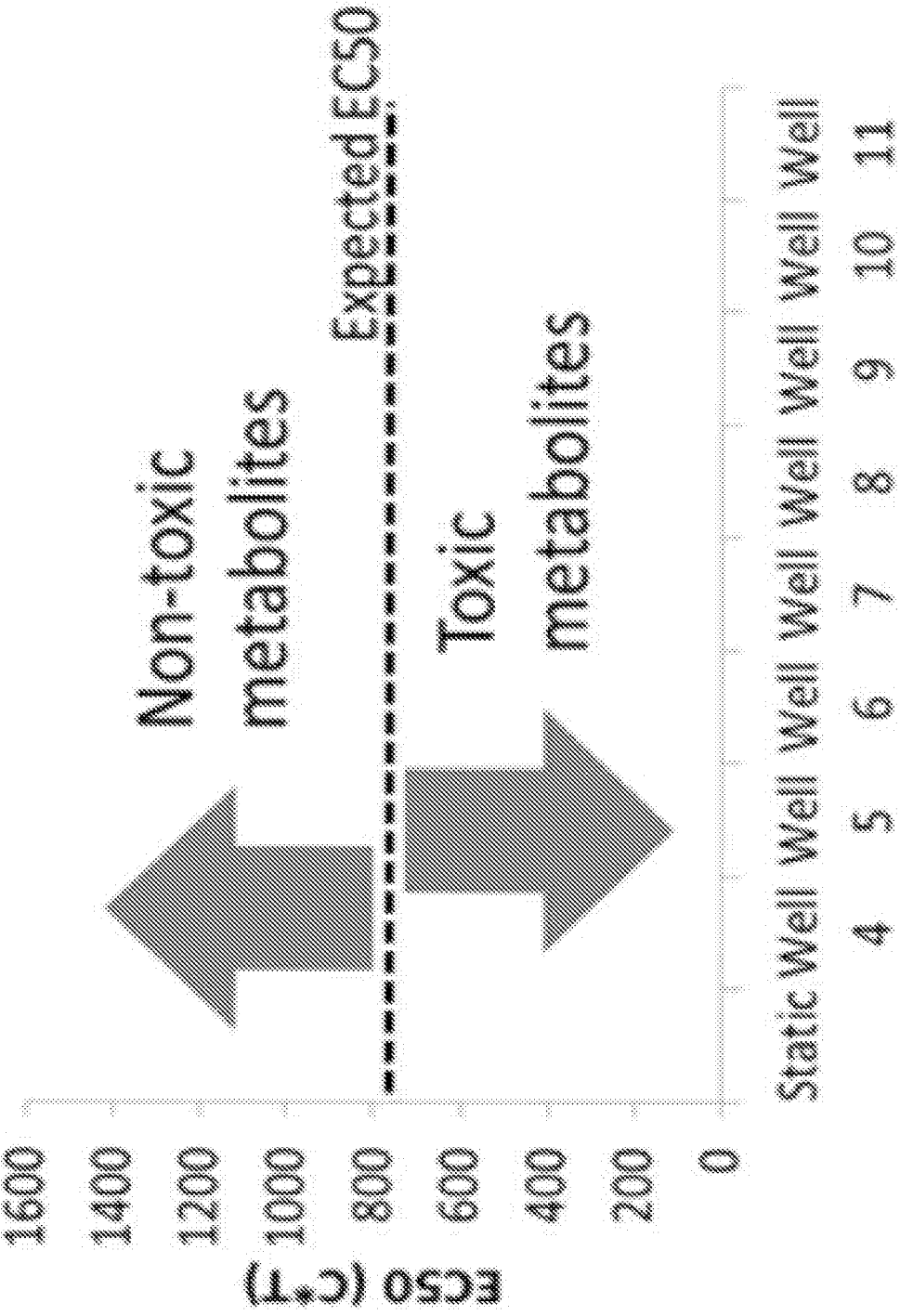


Figure 38

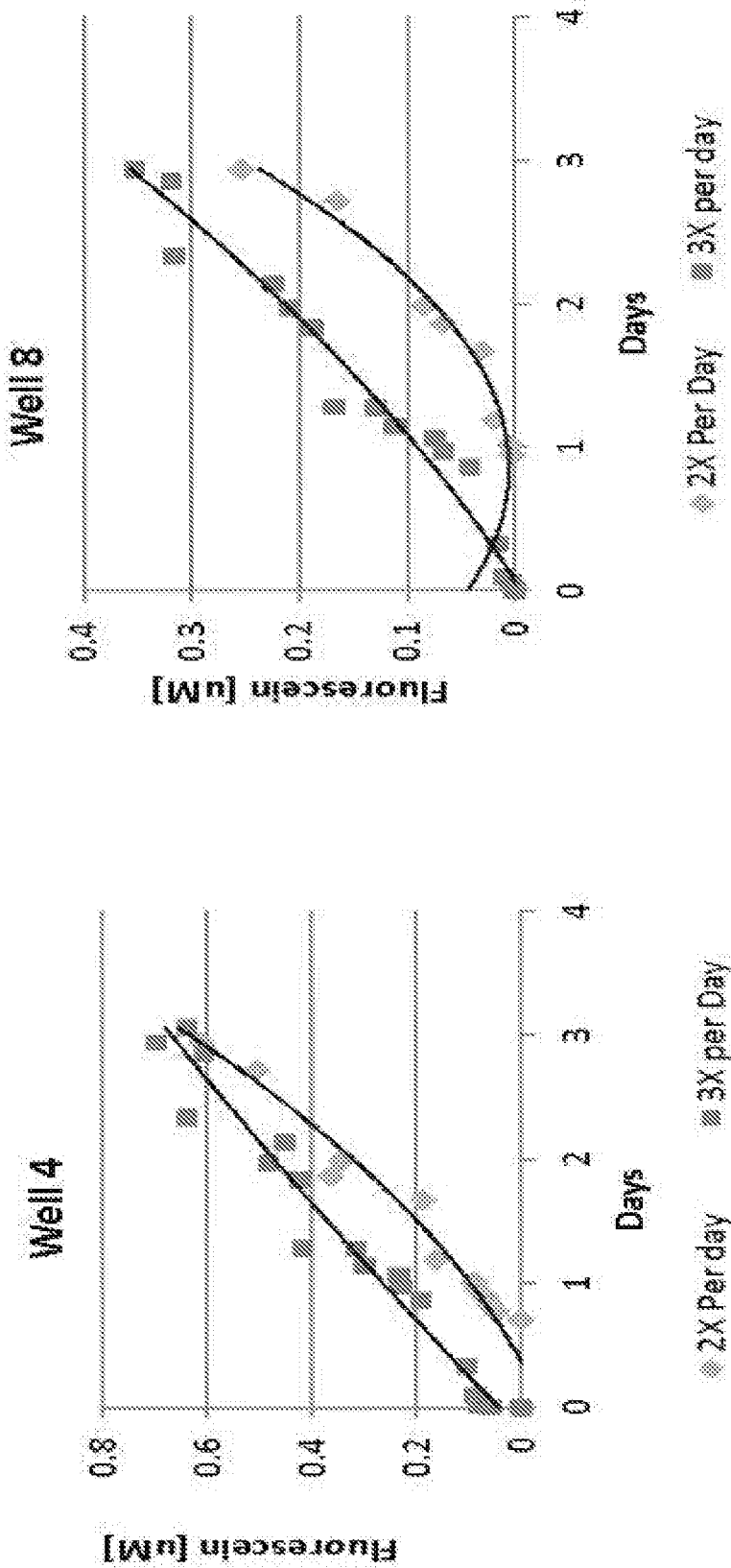


Figure 39

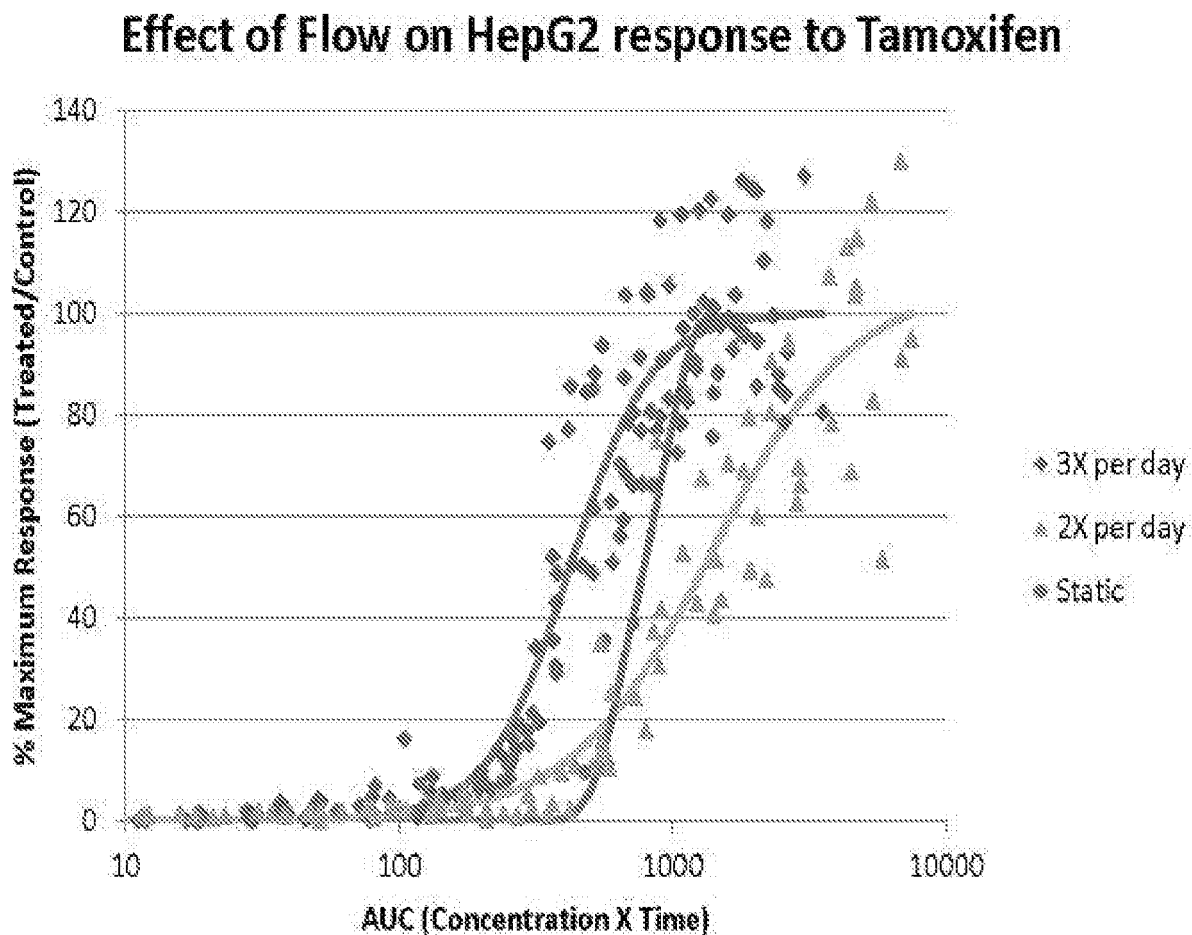


Figure 40

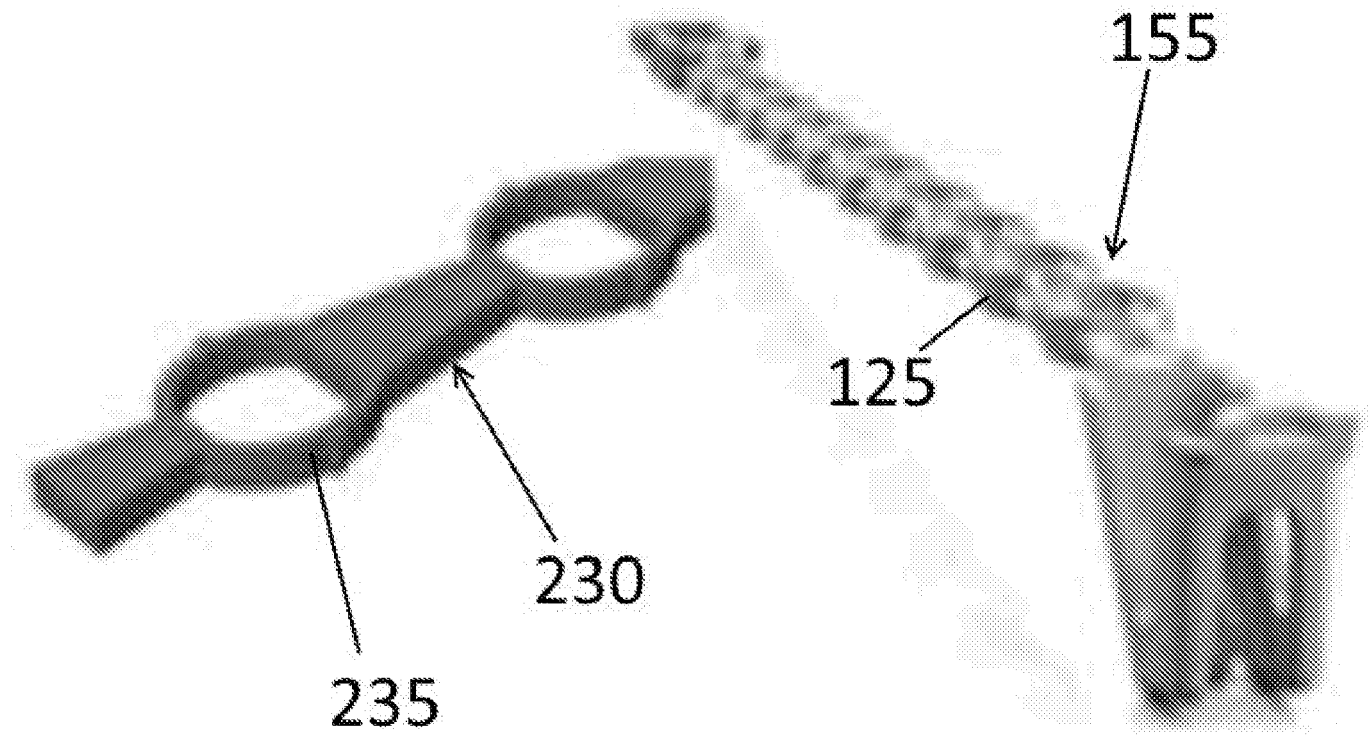


Figure 41

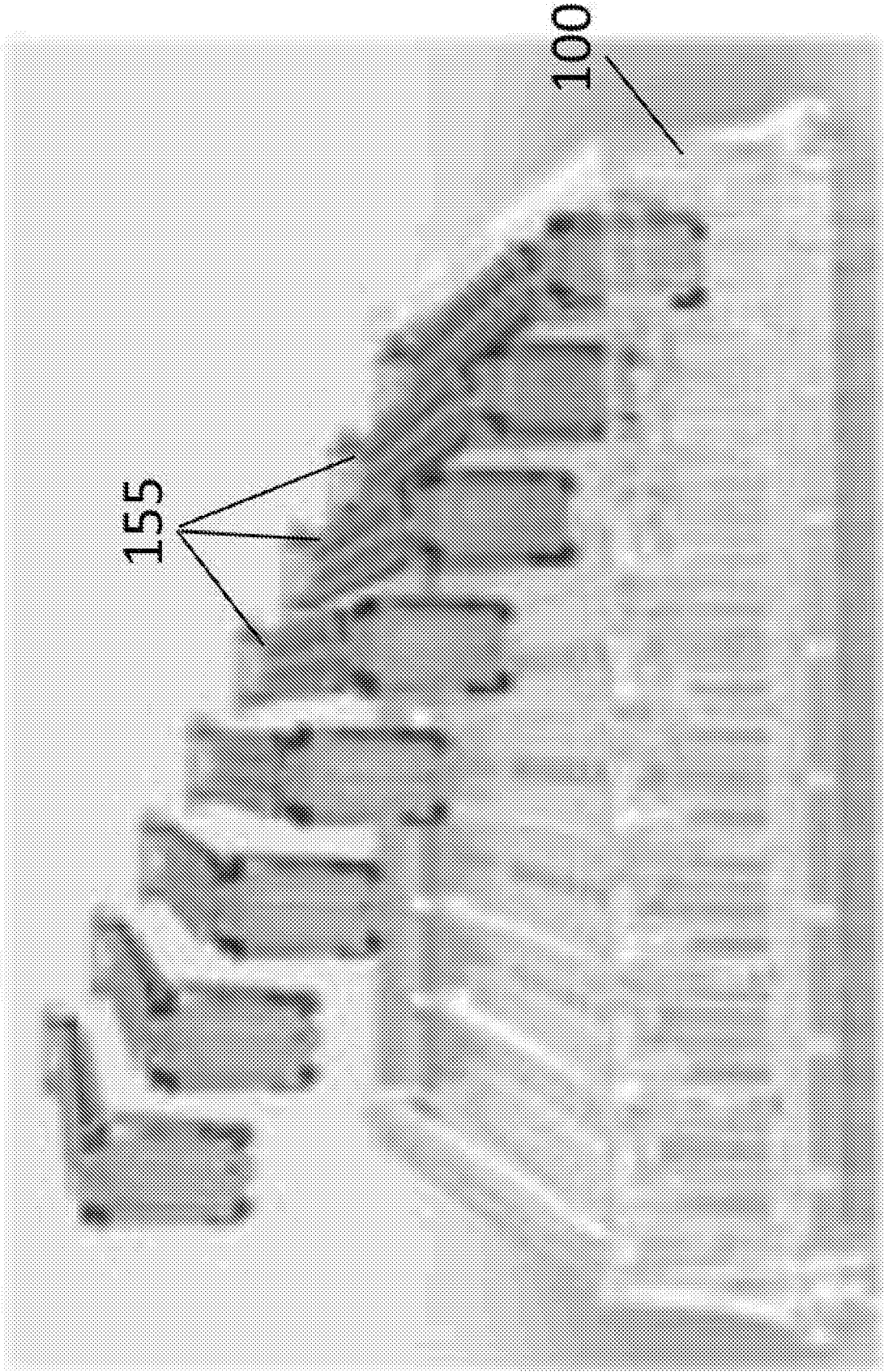


Figure 42

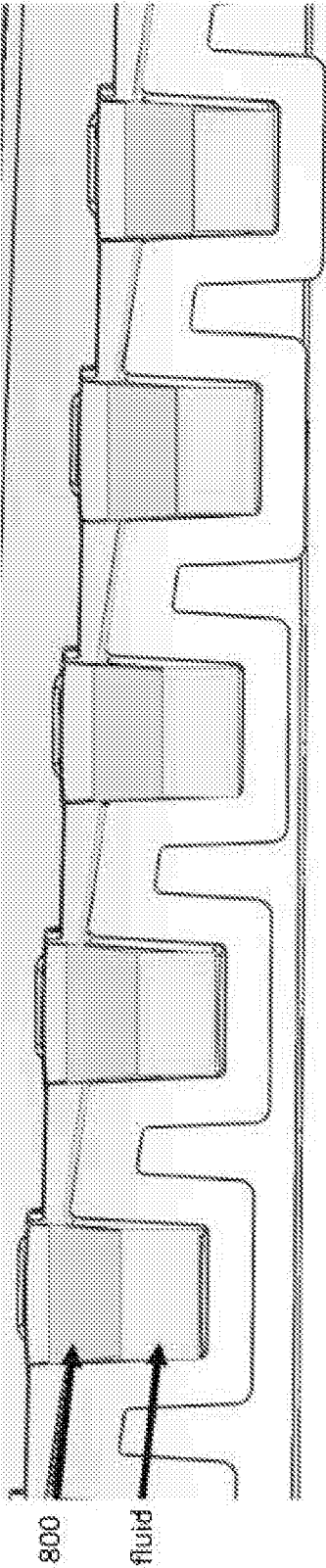


Figure 43

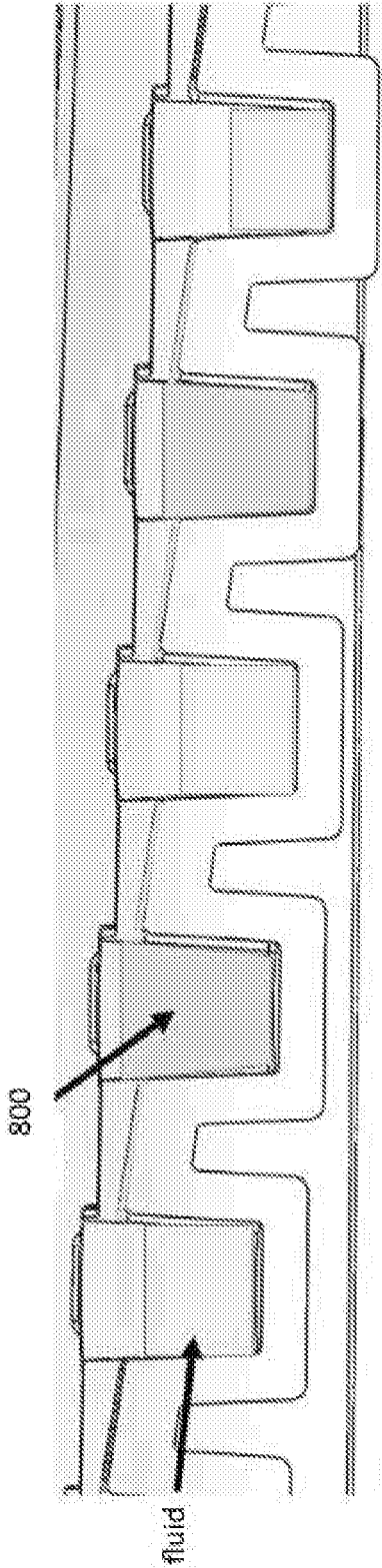


Figure 44

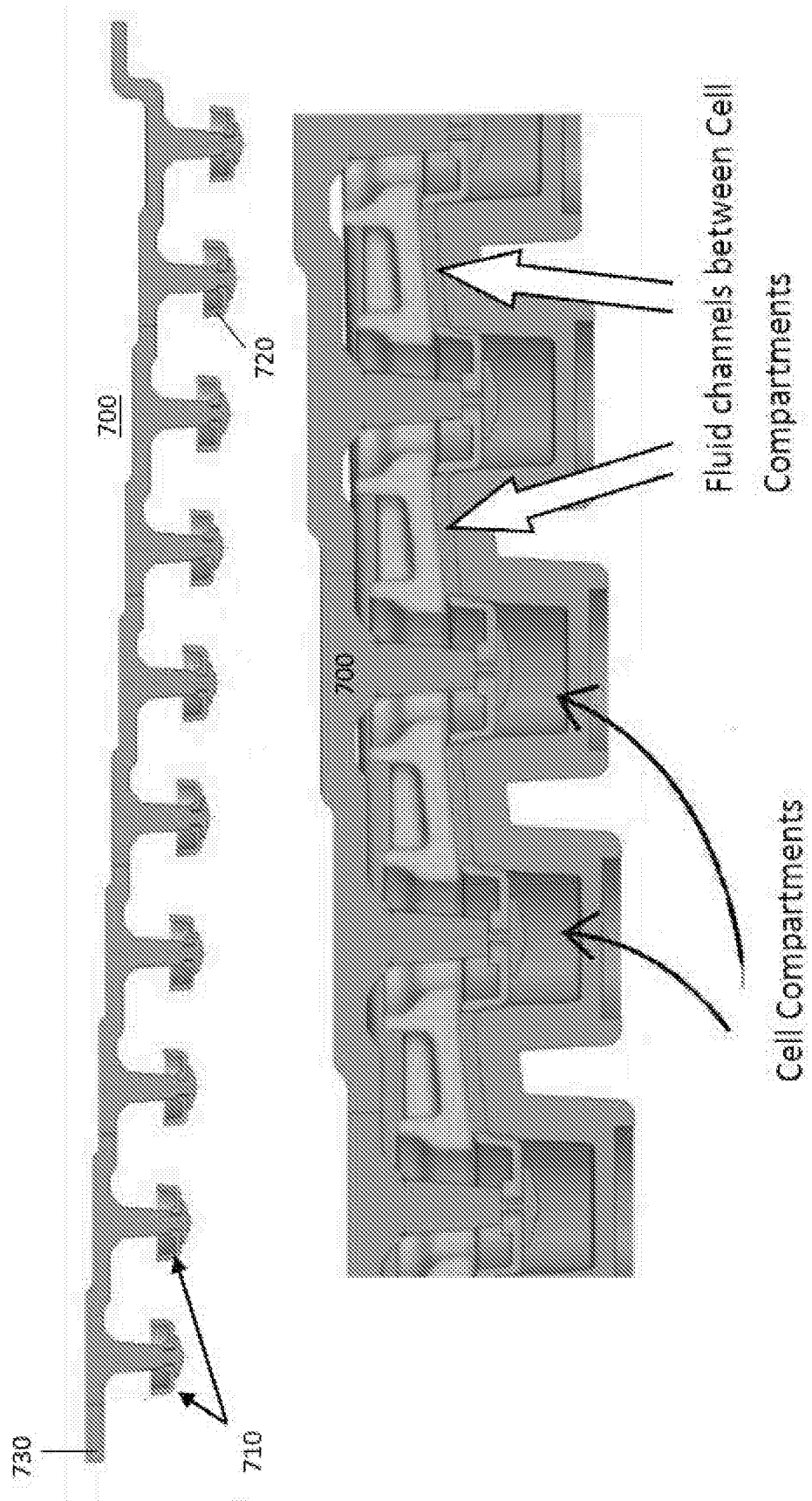


Figure 45

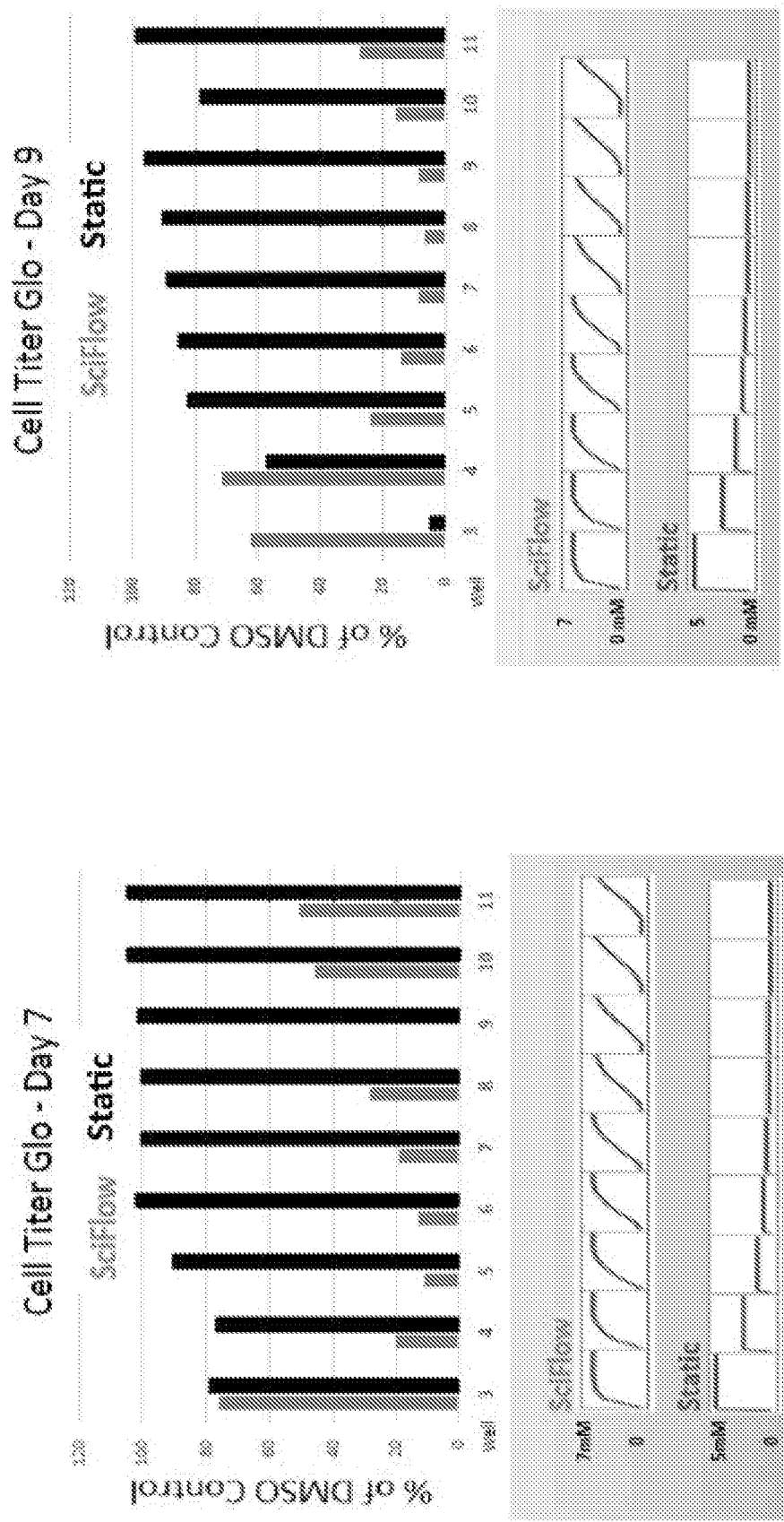


Figure 46