

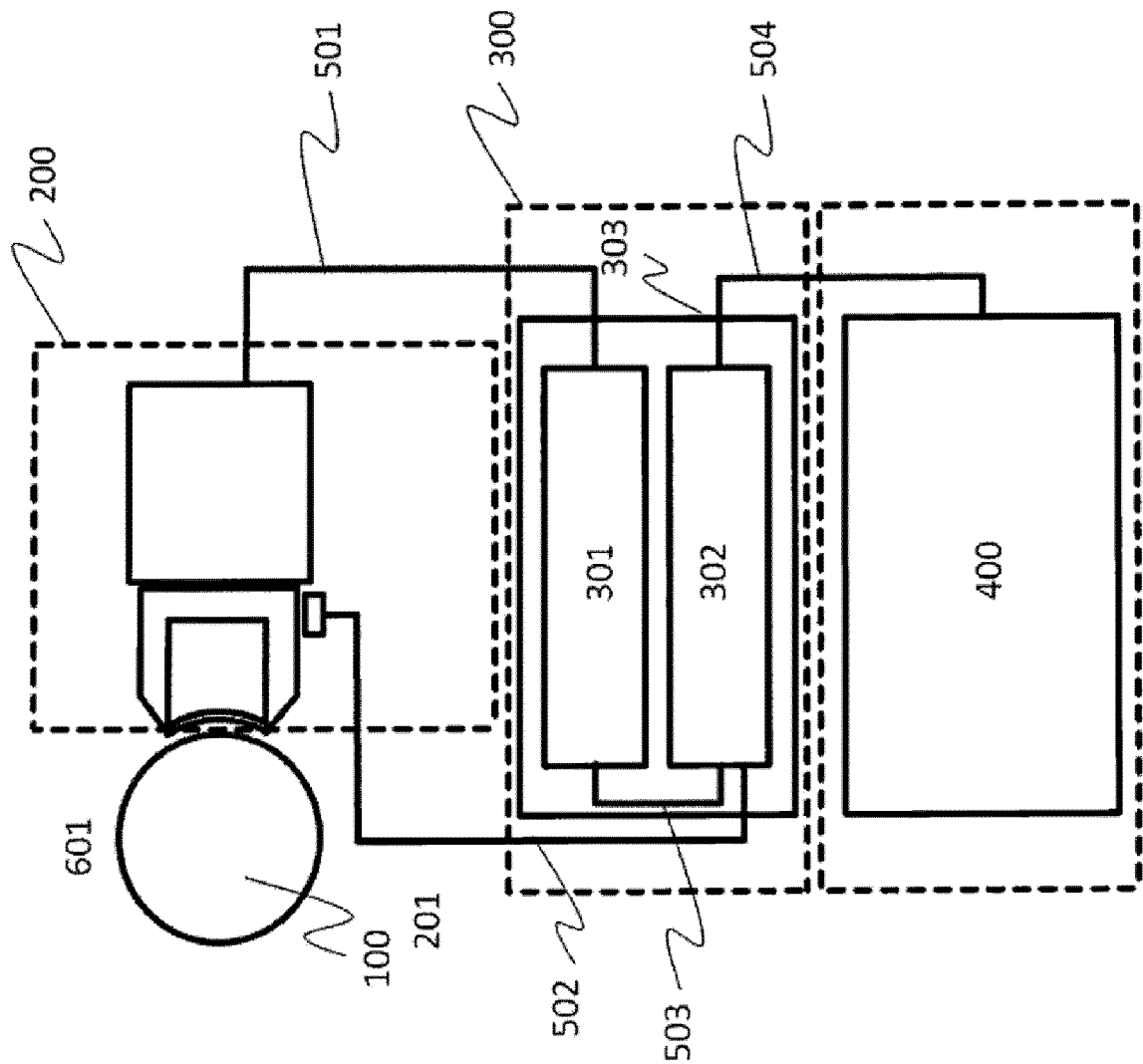


FIG. 1

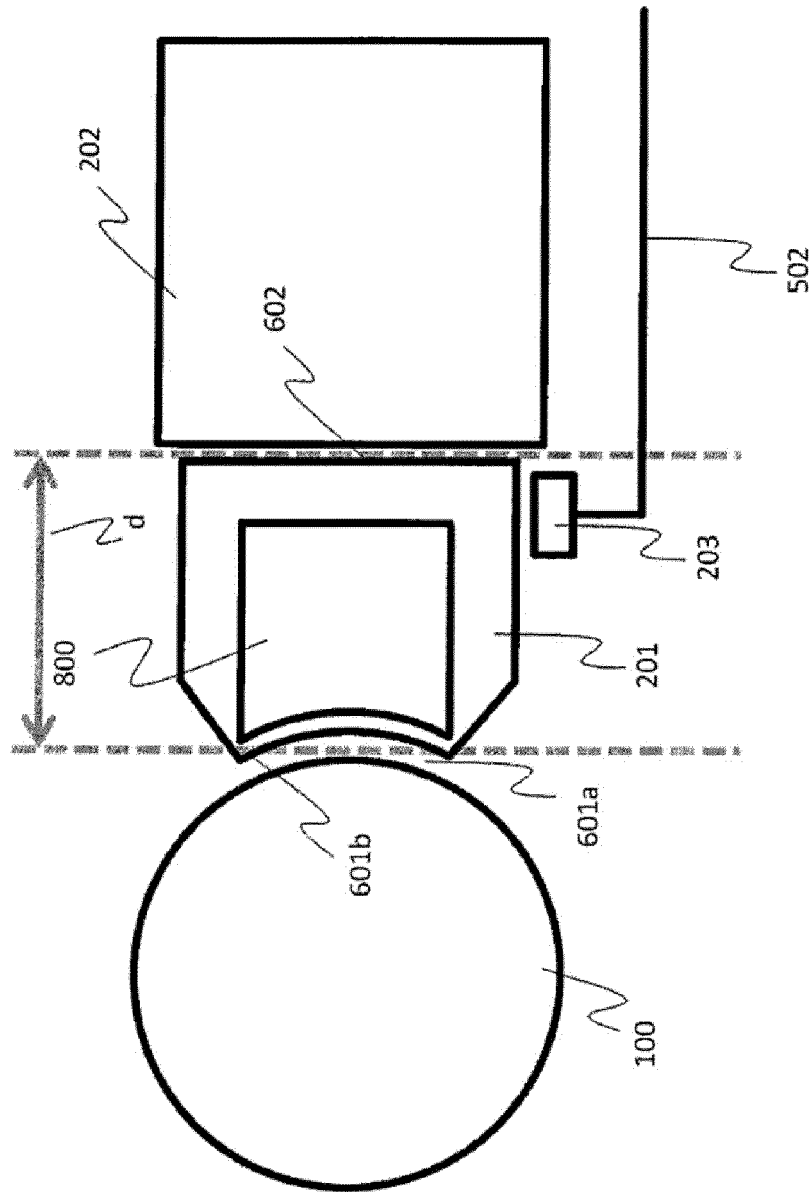


FIG. 2

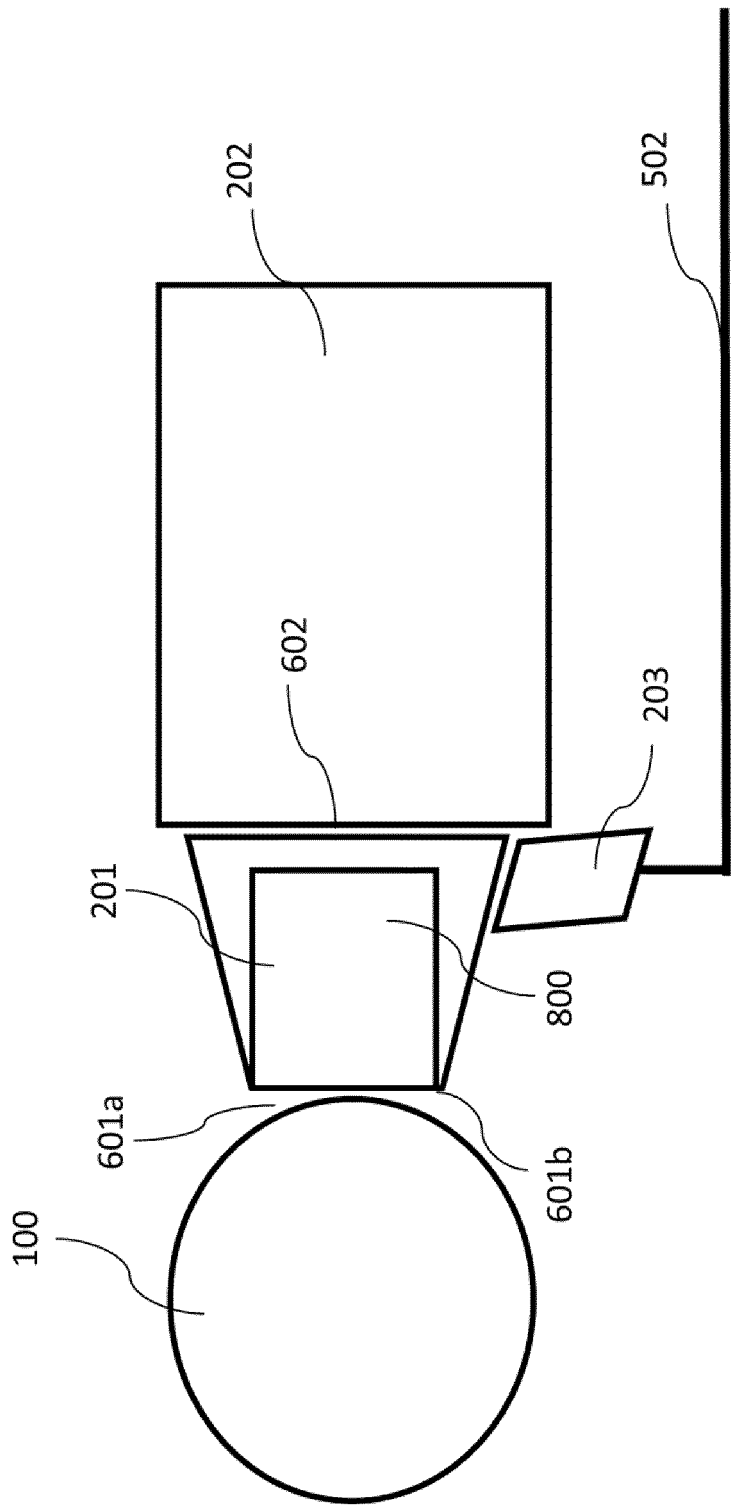


FIG. 3

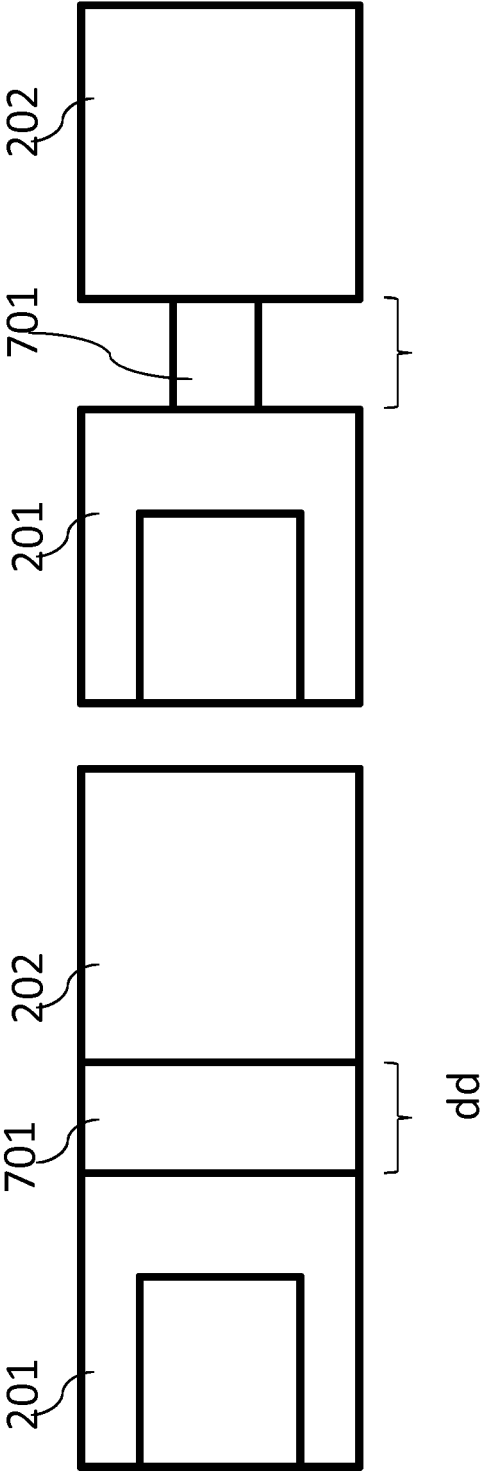


FIG. 4A

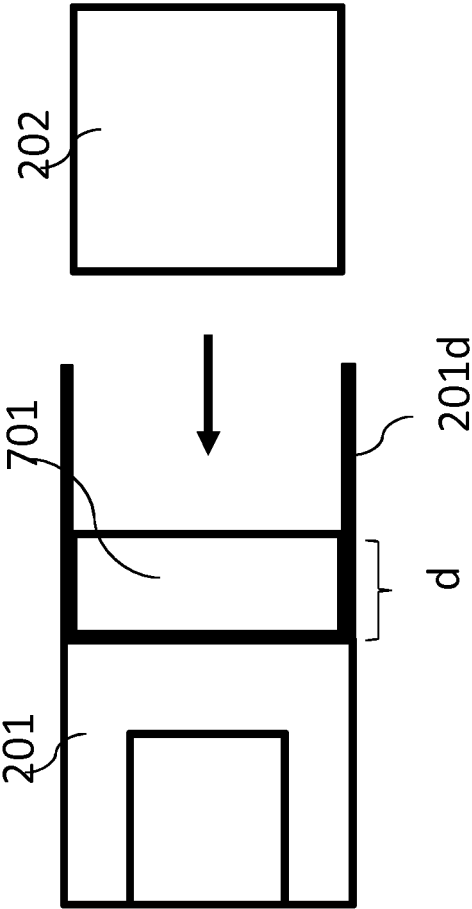


FIG. 4B

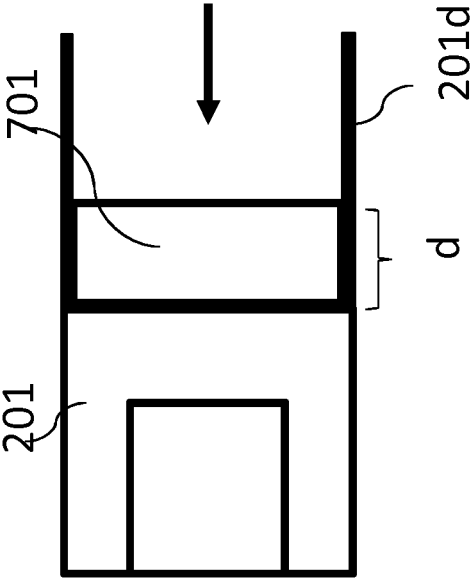


FIG. 4C

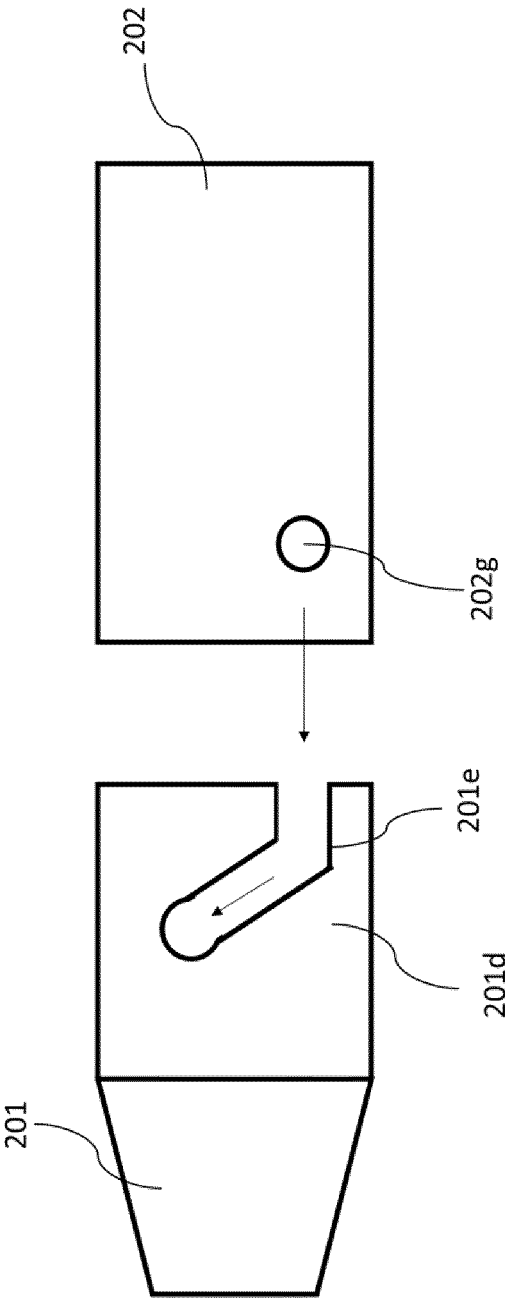


FIG. 5A

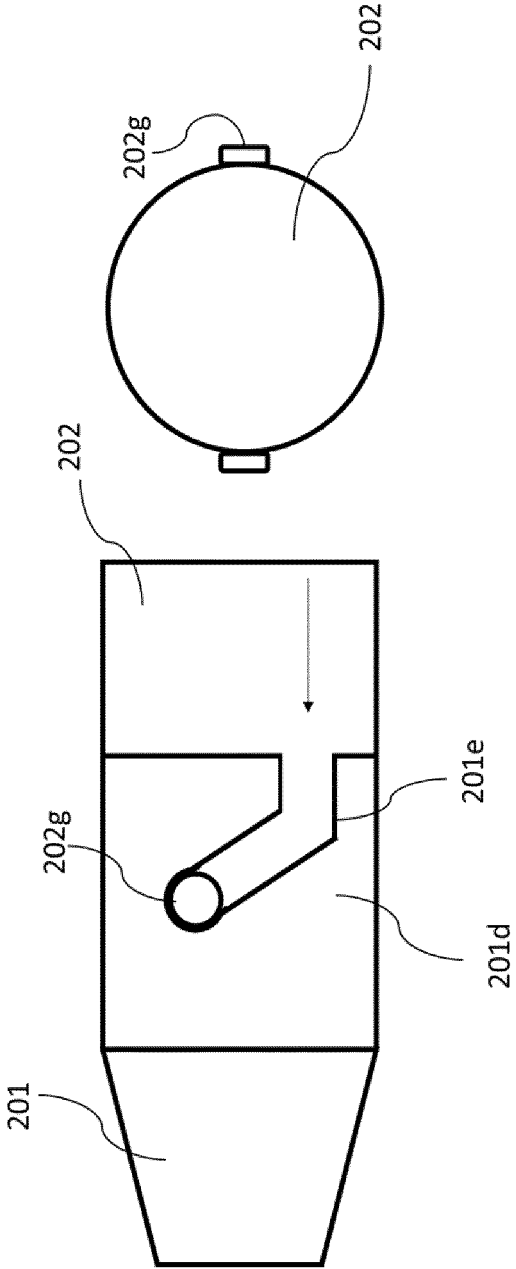


FIG. 5B

FIG. 6A

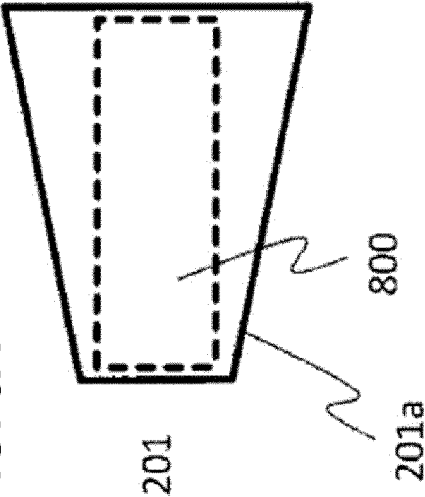


FIG. 6B

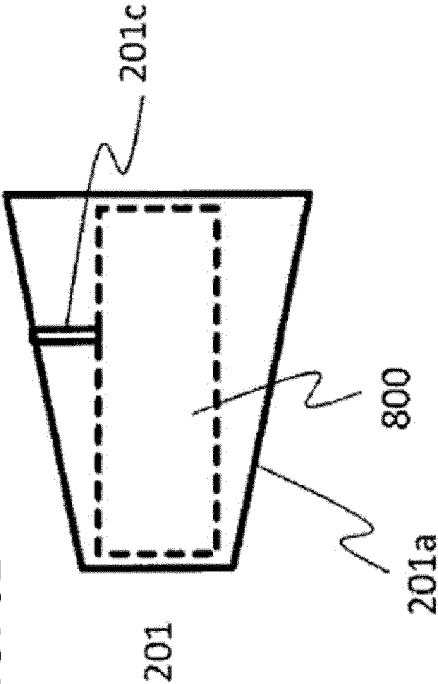


FIG. 6C

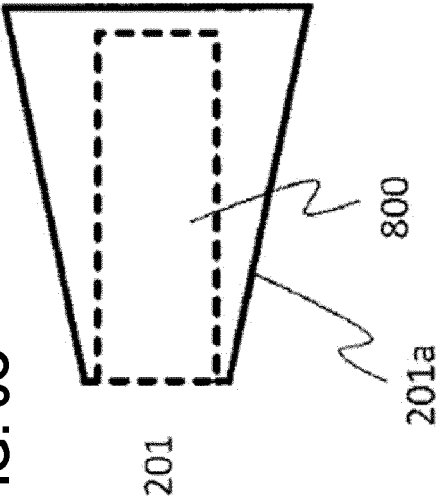
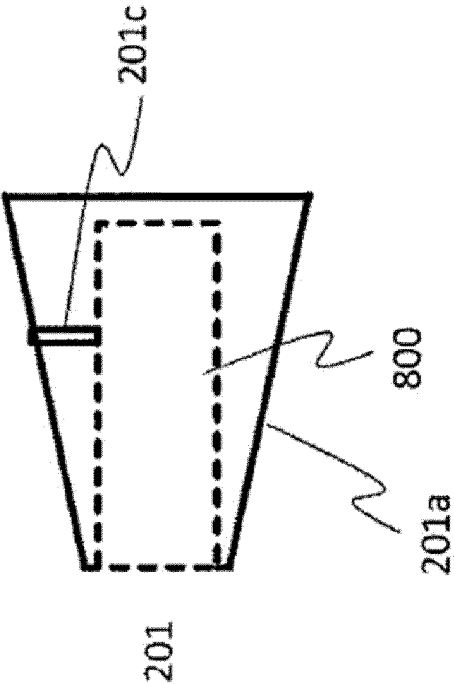


FIG. 6D



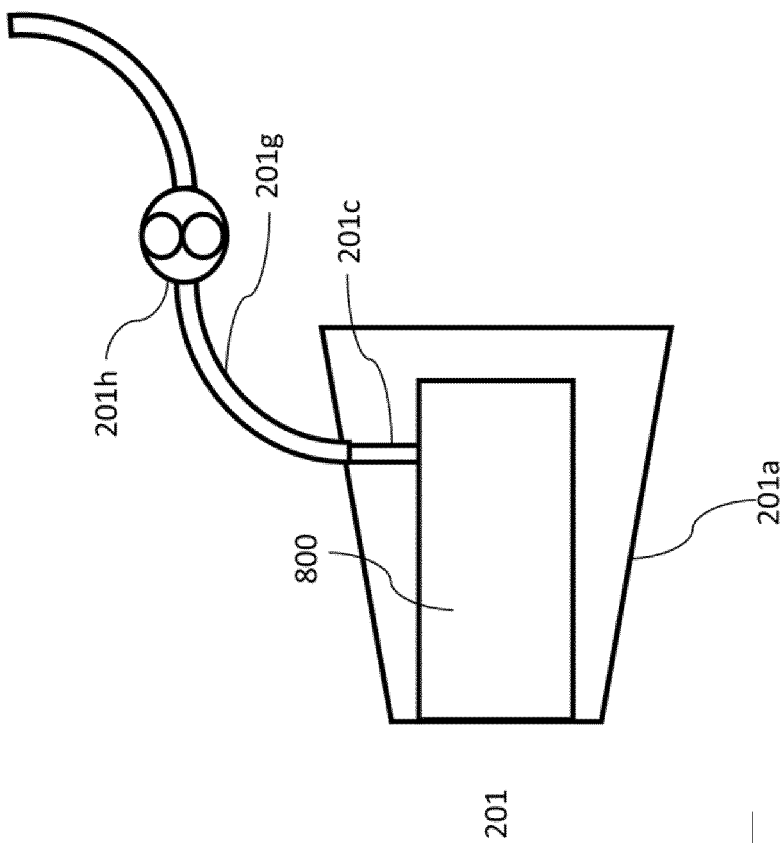


FIG. 7A

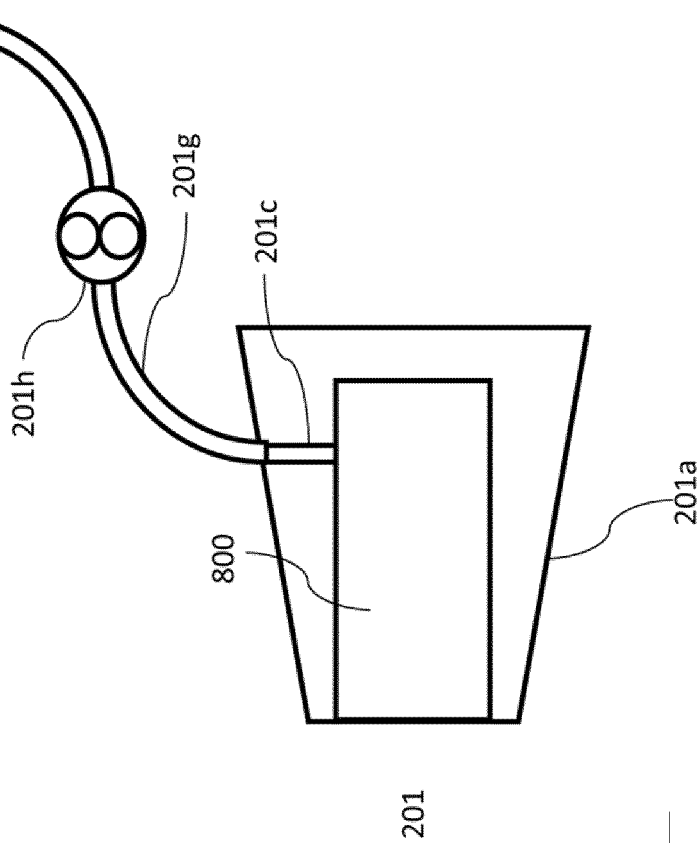


FIG. 7B

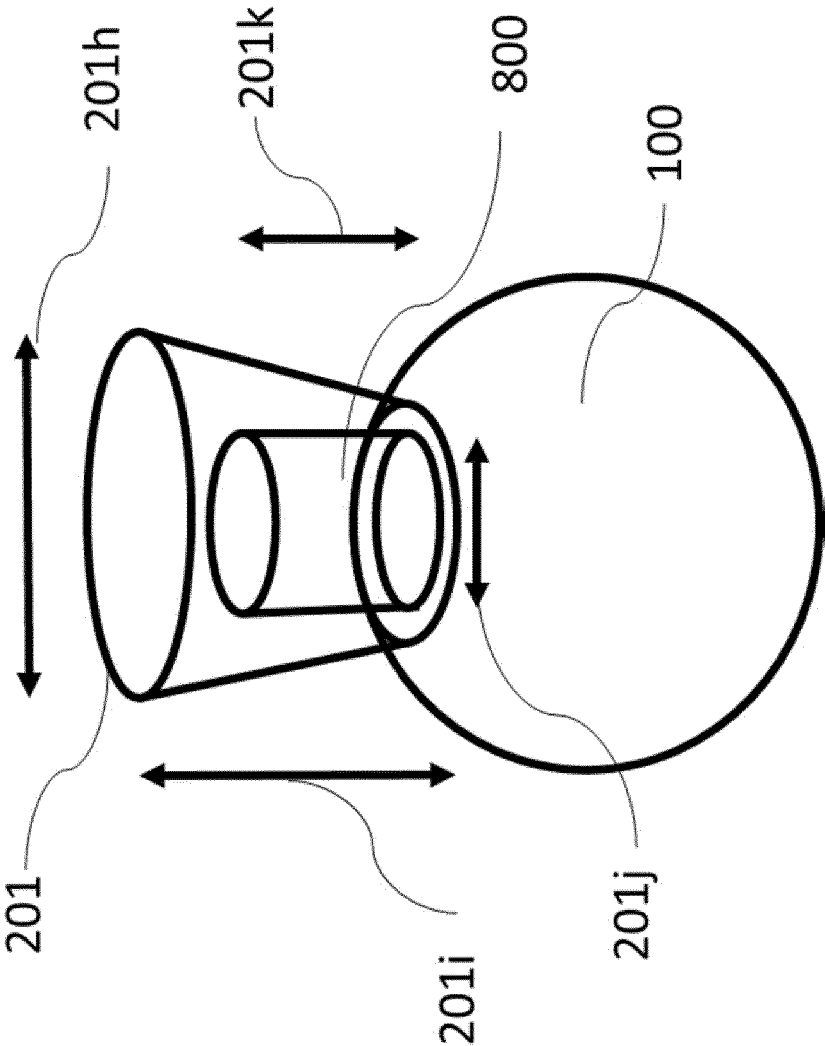


FIG. 8

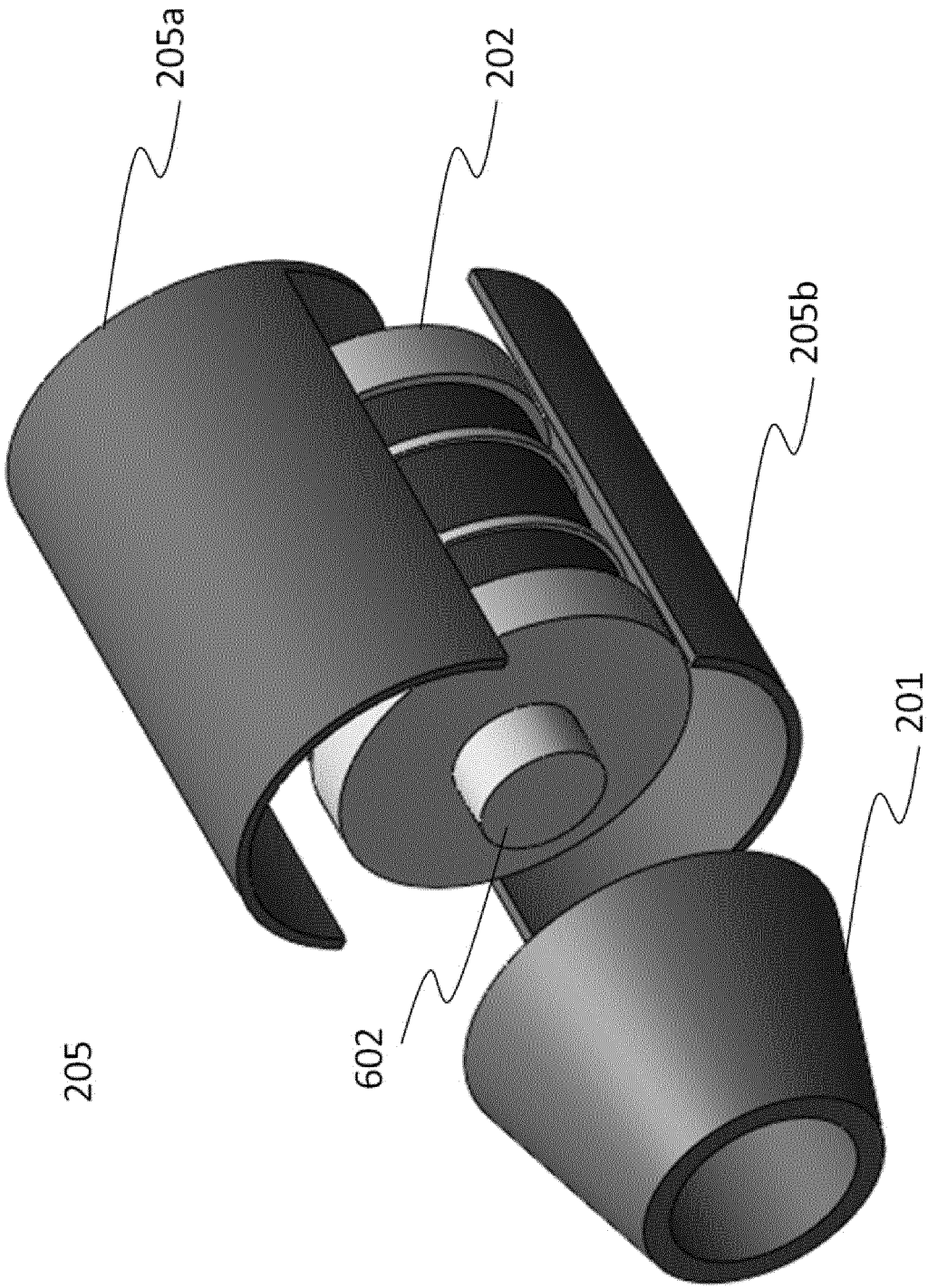


FIG. 9

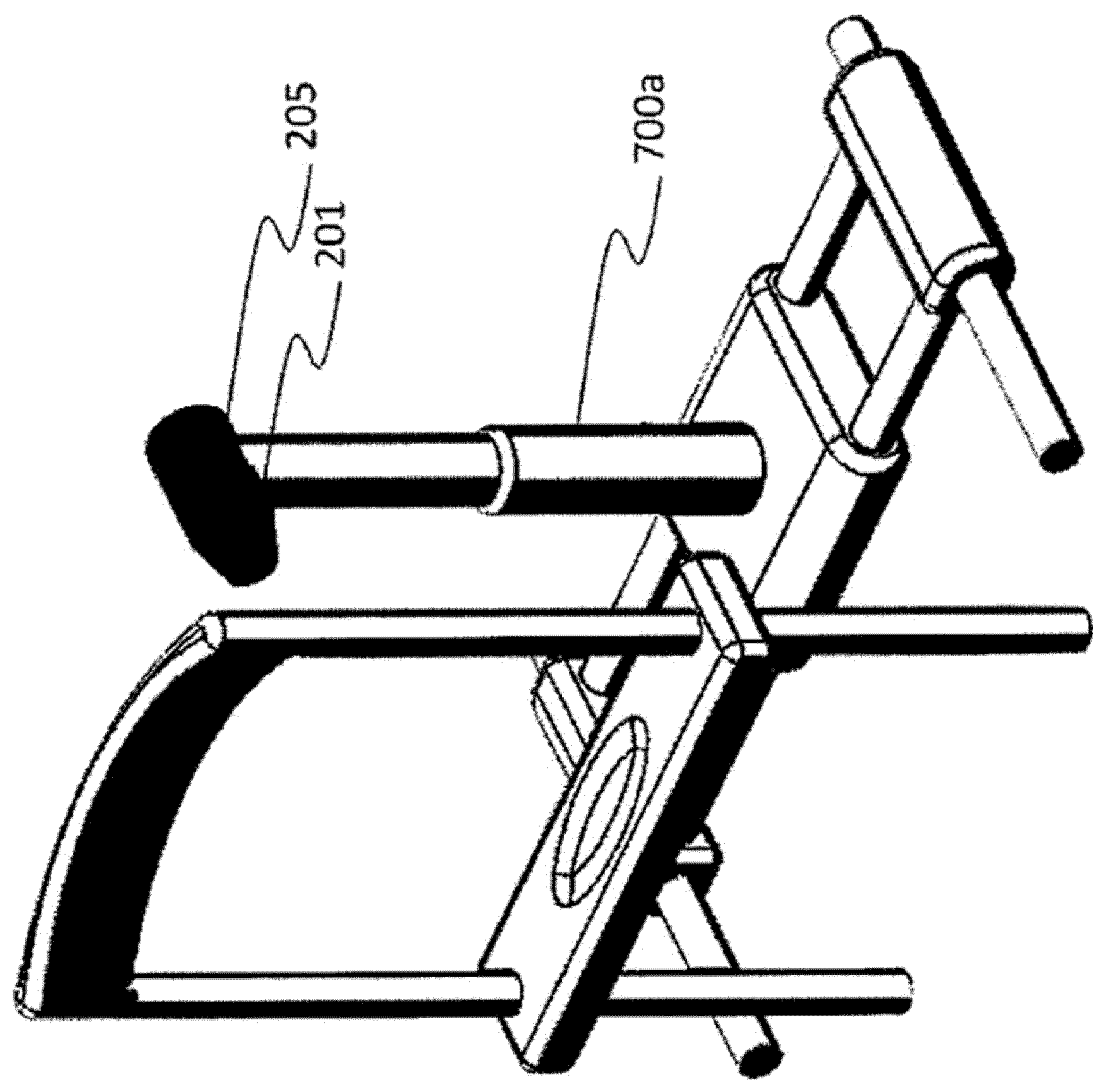


FIG. 10

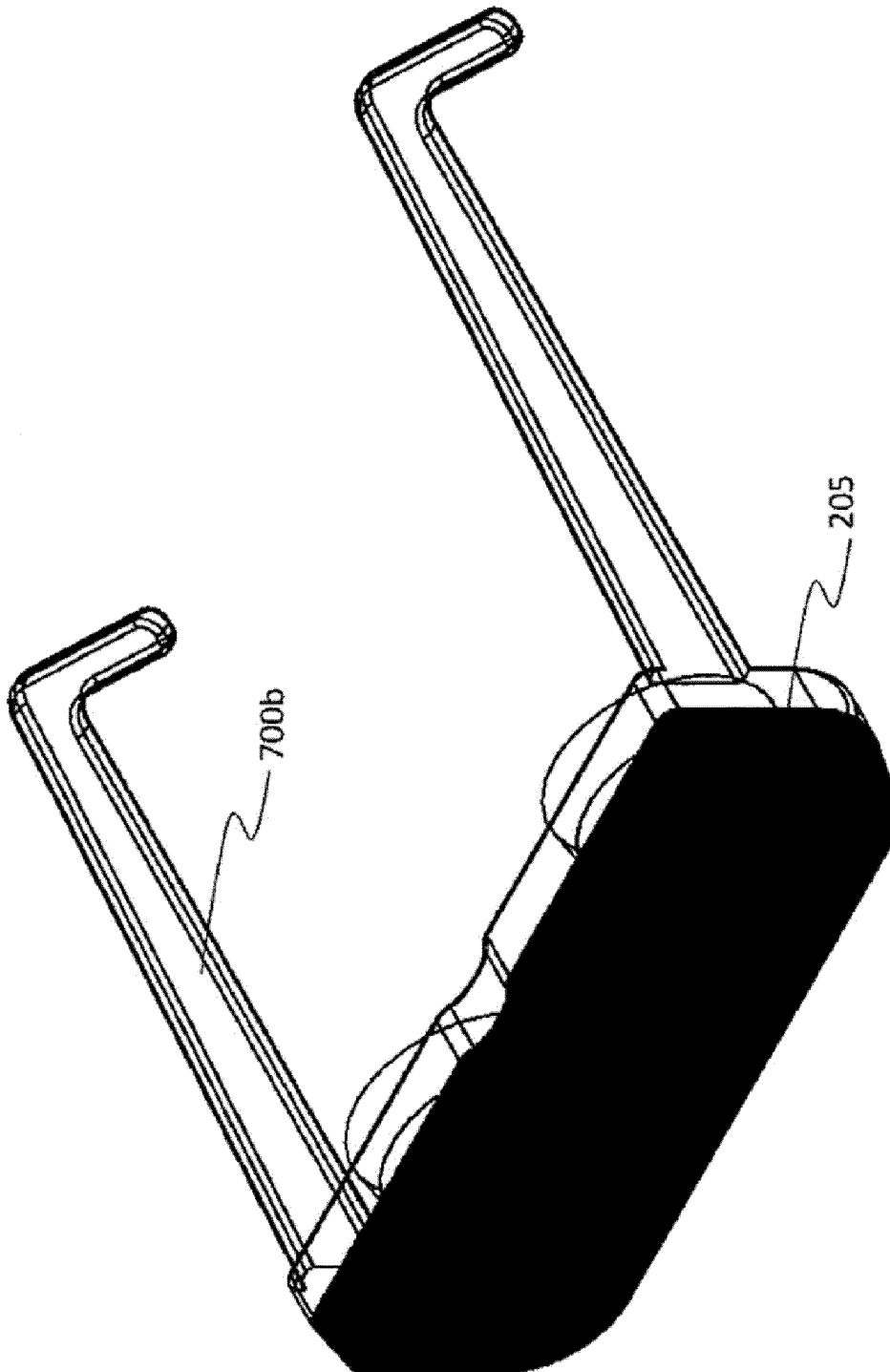


FIG. 11

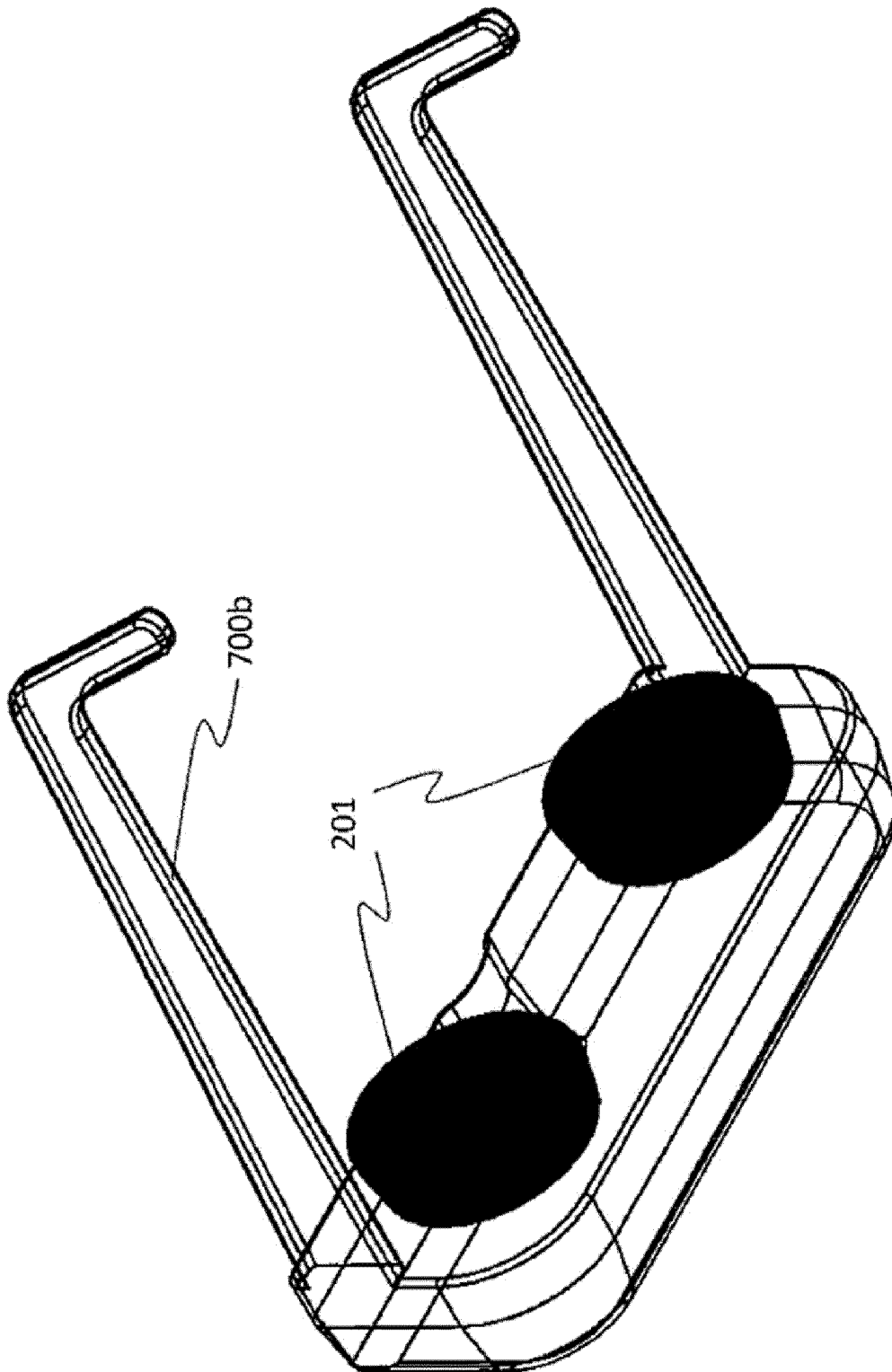


FIG. 12

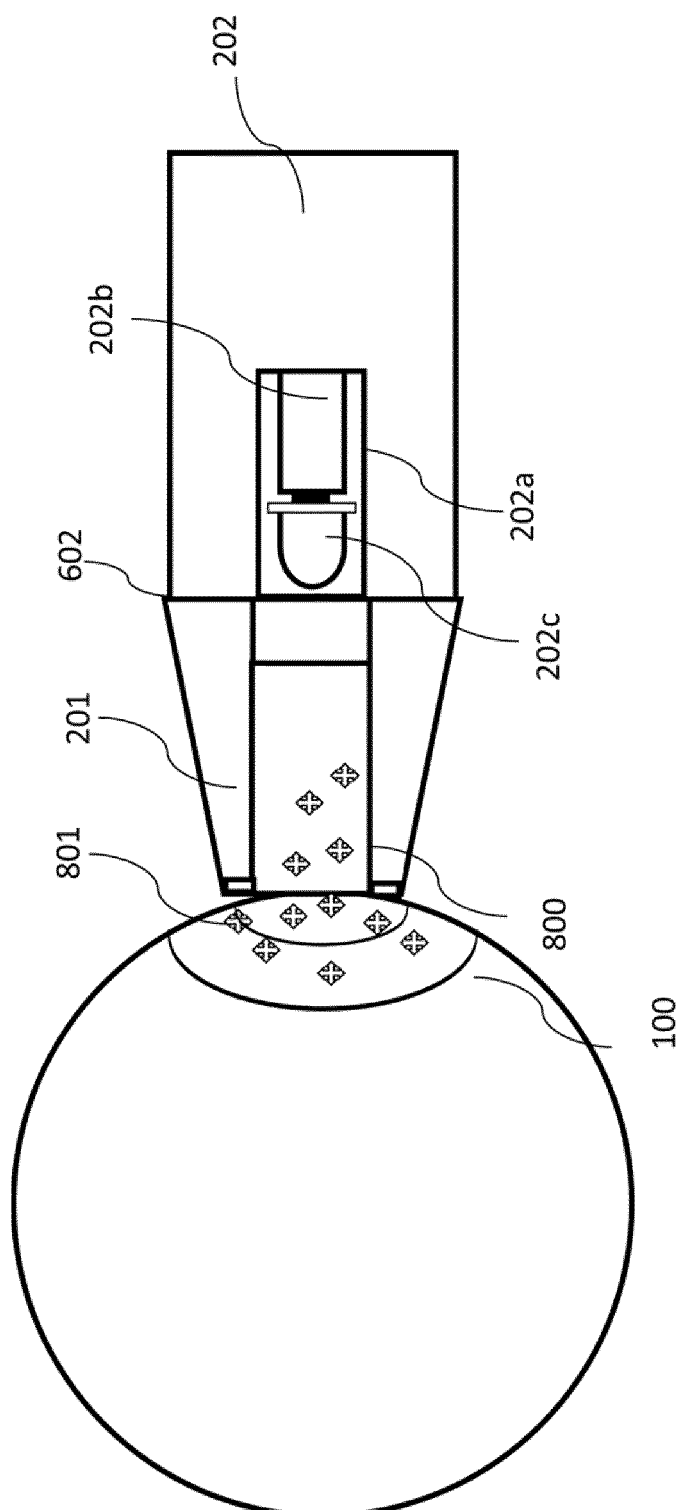
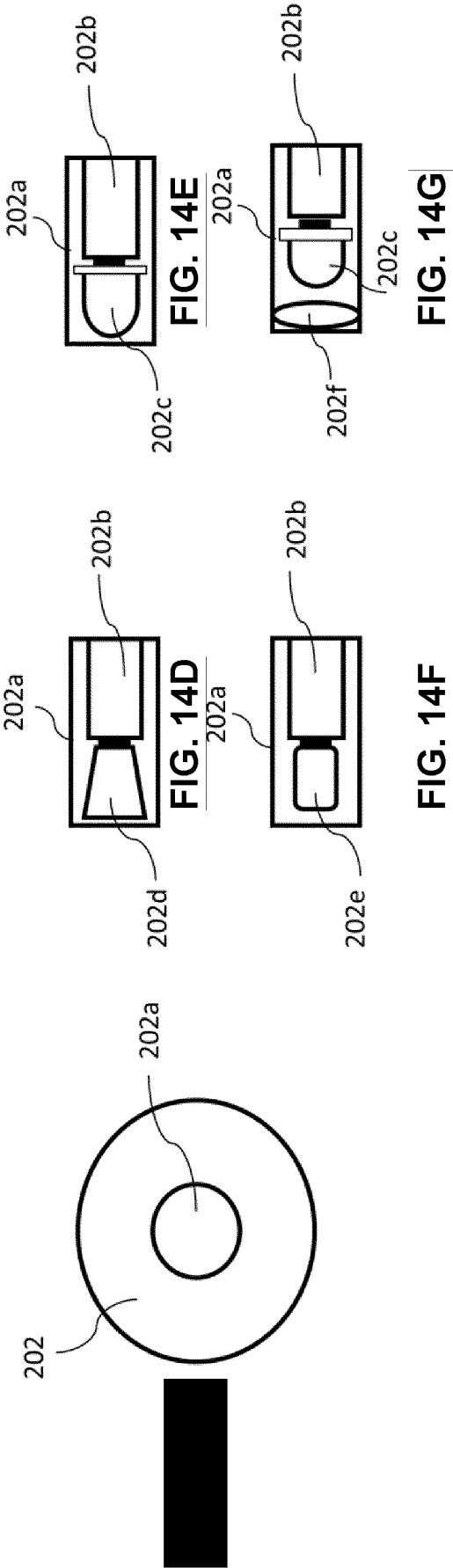
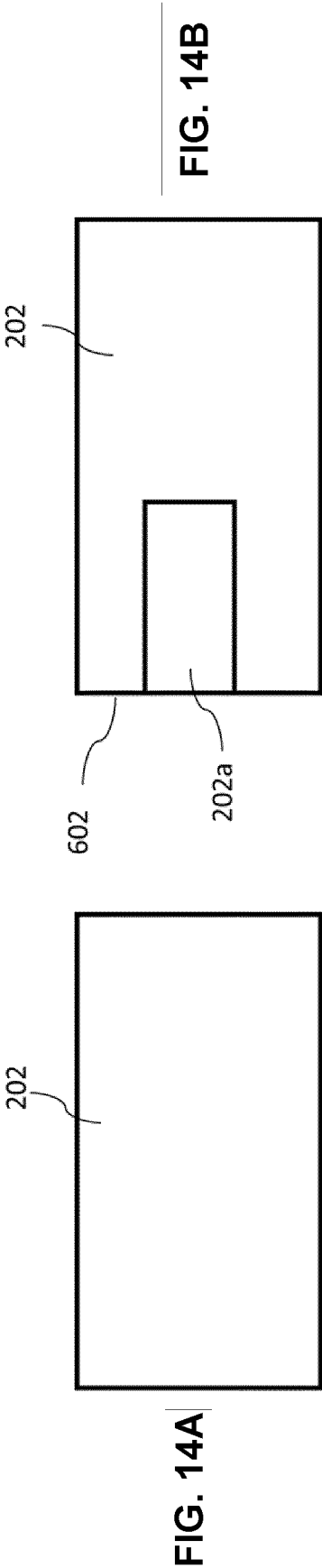


FIG. 13



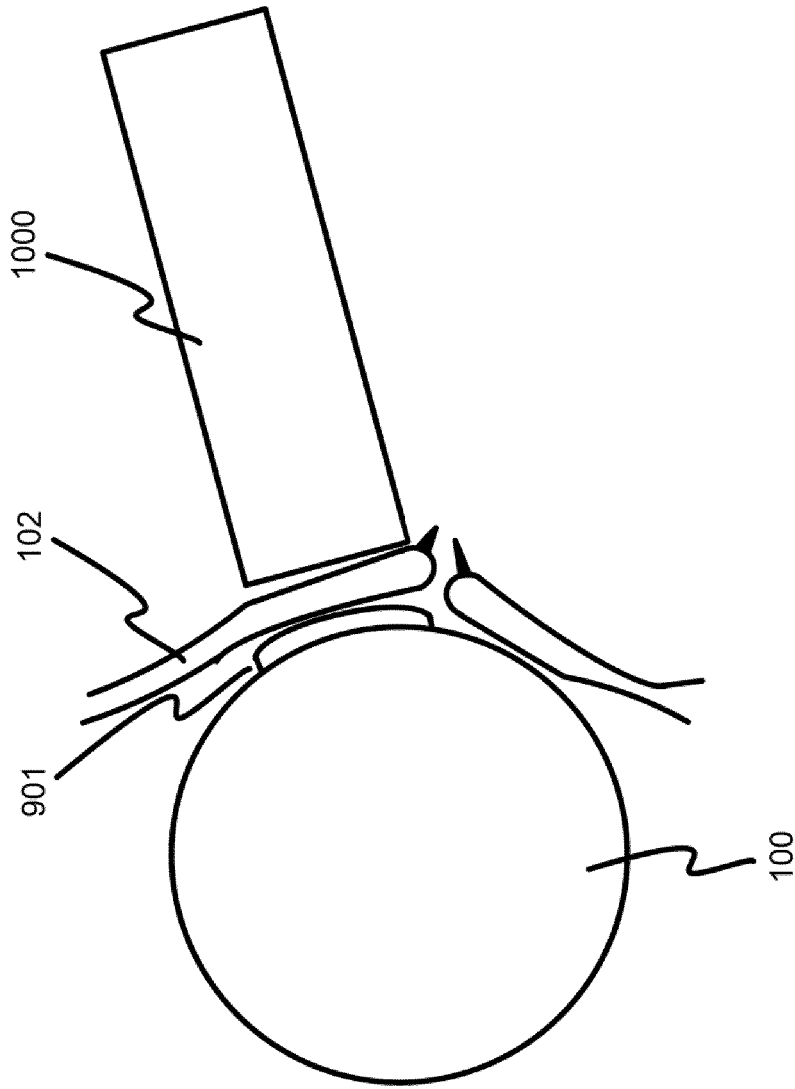


FIG. 15

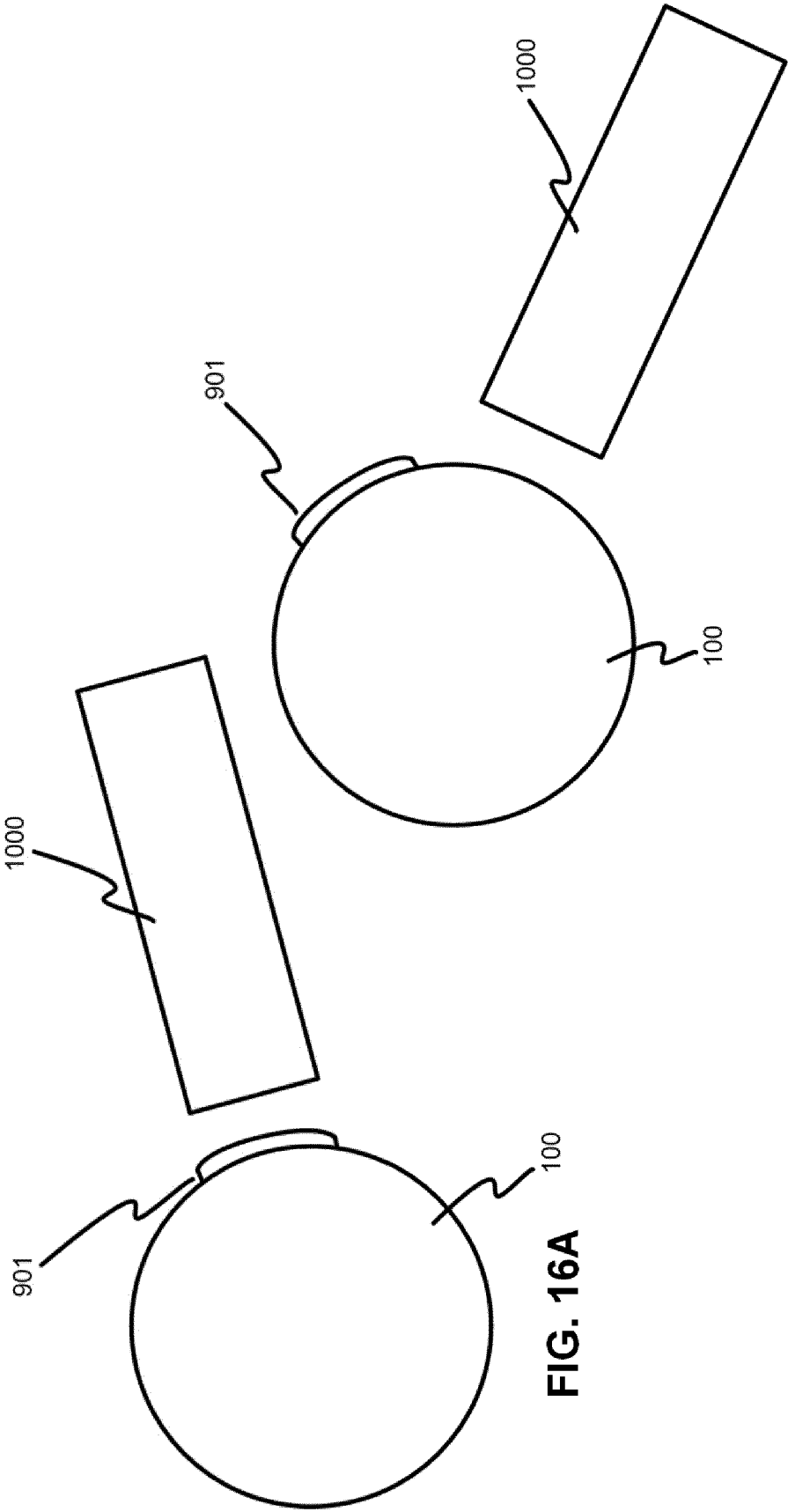


FIG. 16B

FIG. 16A

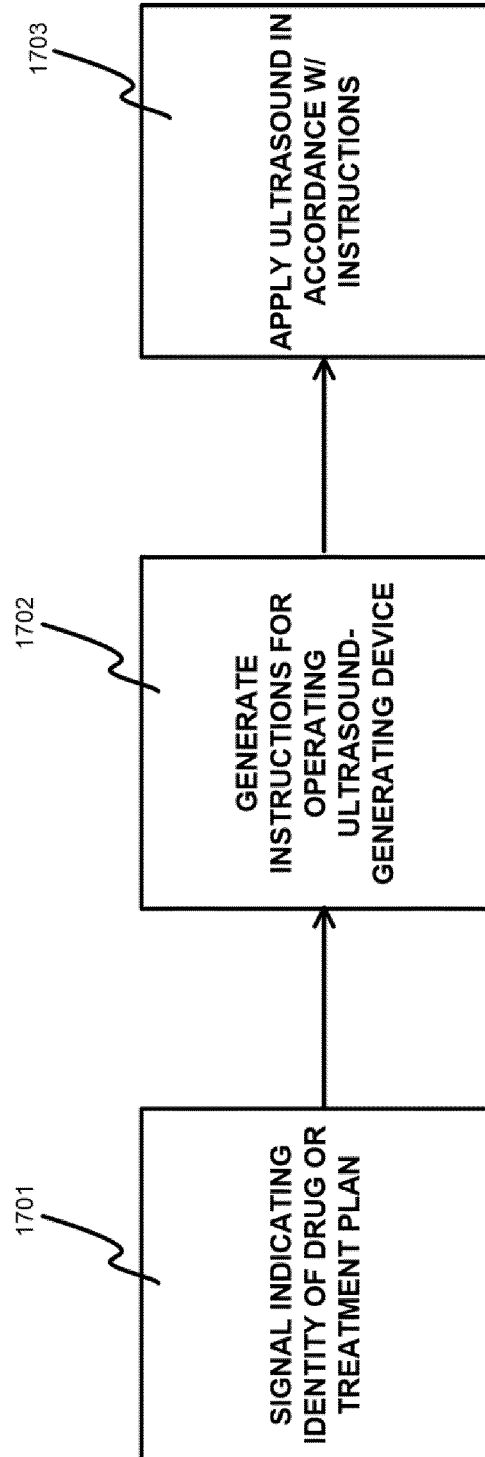


FIG. 17

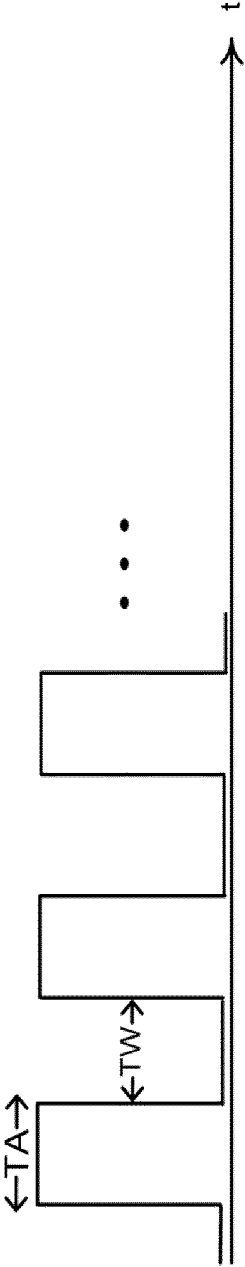


FIG. 18A

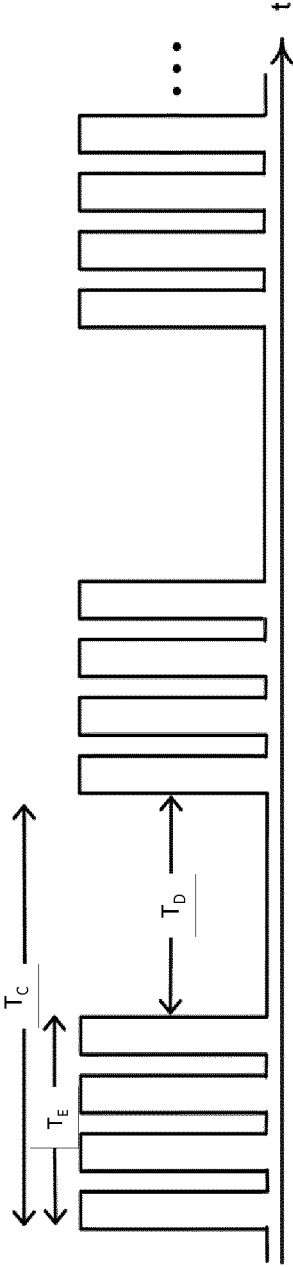


FIG. 18B

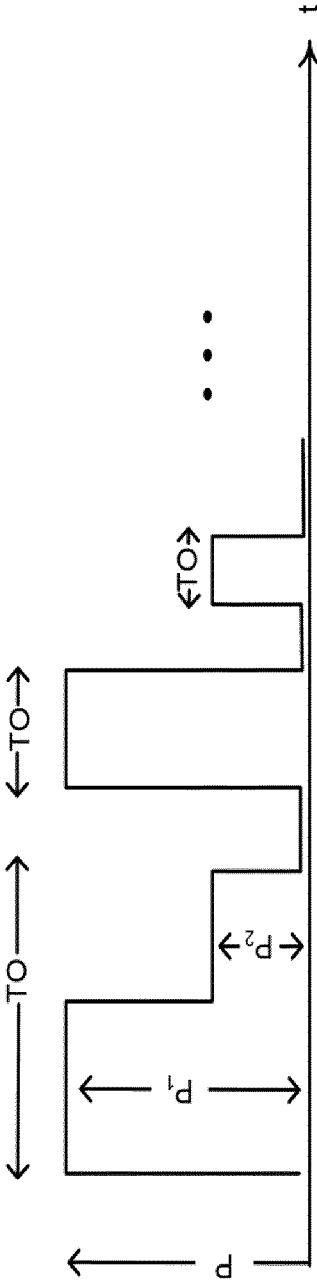


FIG. 18C

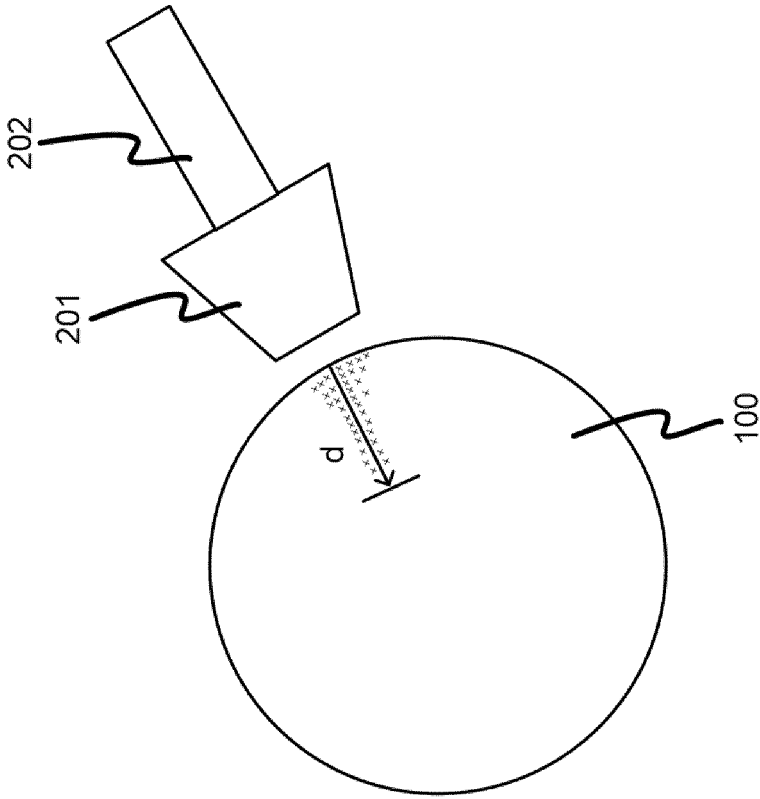


FIG. 19

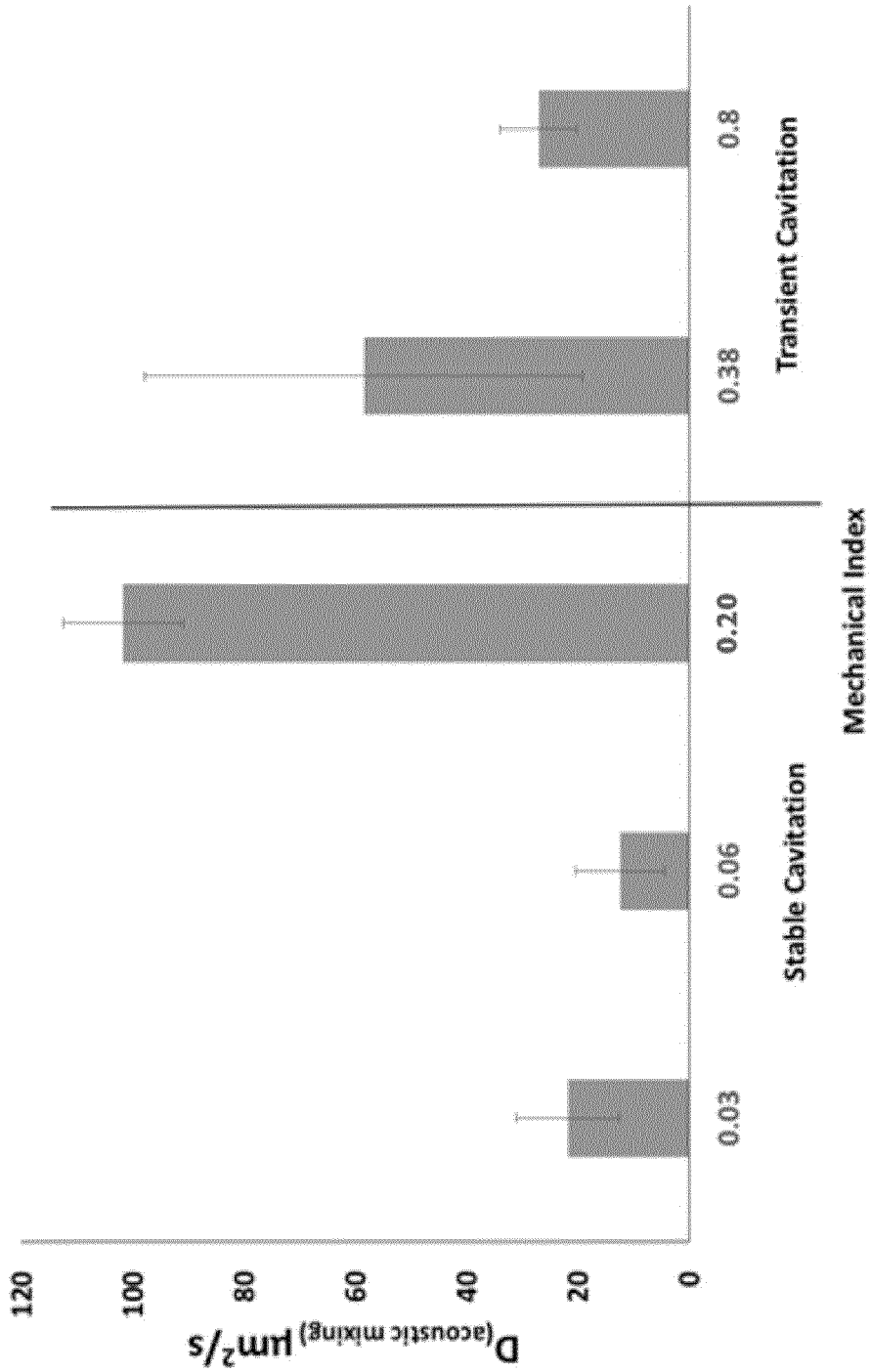
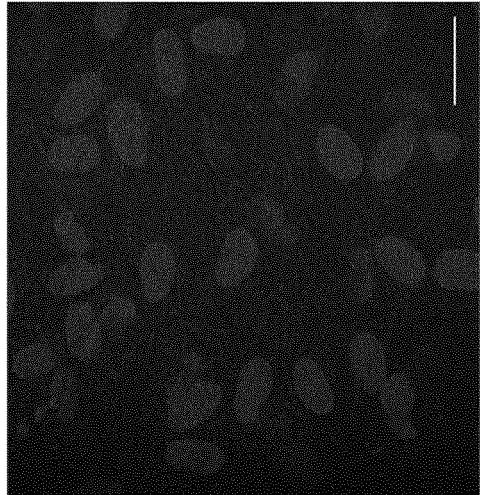
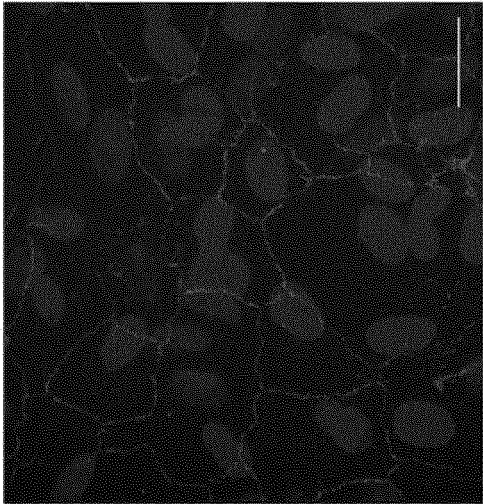


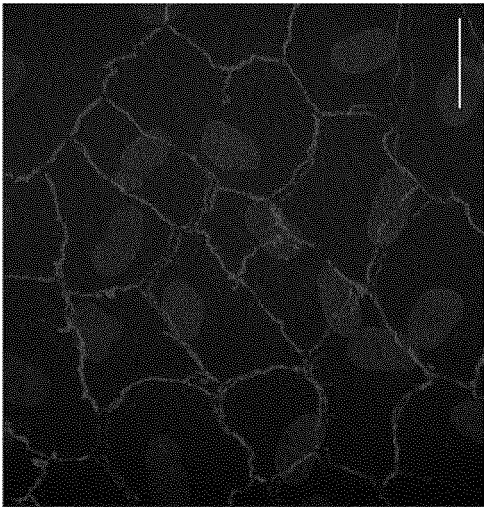
FIG. 20



40 kHz



20 kHz



Control

FIG. 21

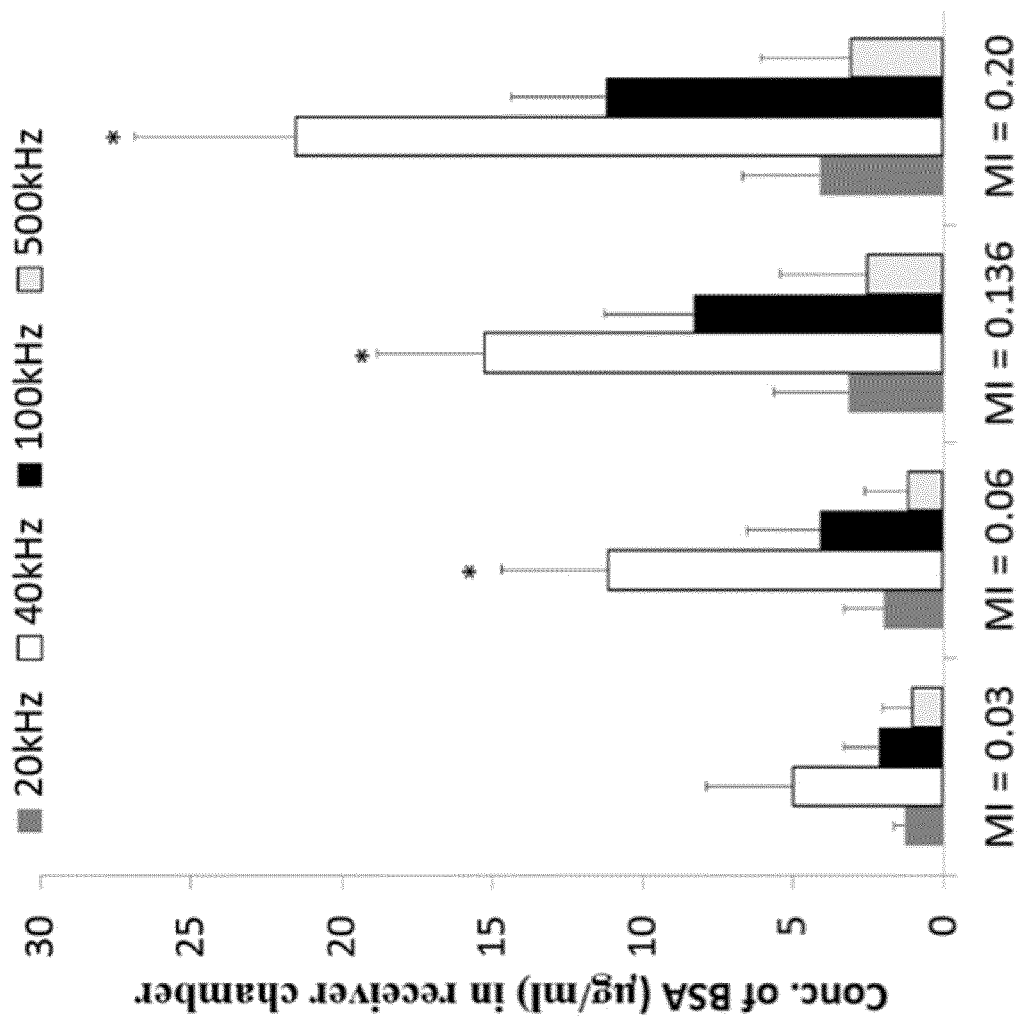


FIG. 22

Cavitation regime	Stable Cavitation			Transient Cavitation	
Mechanical Index	MI = 0.03	MI = 0.06	MI = 0.136	MI = 0.38*	MI = 0.8*
Changes in BSA partition relative to control	1.21 ± 0.97	1.71 ± 0.72	1.41 ± 0.81	2.06 ± 0.94	3.52 ± 0.72

FIG. 23