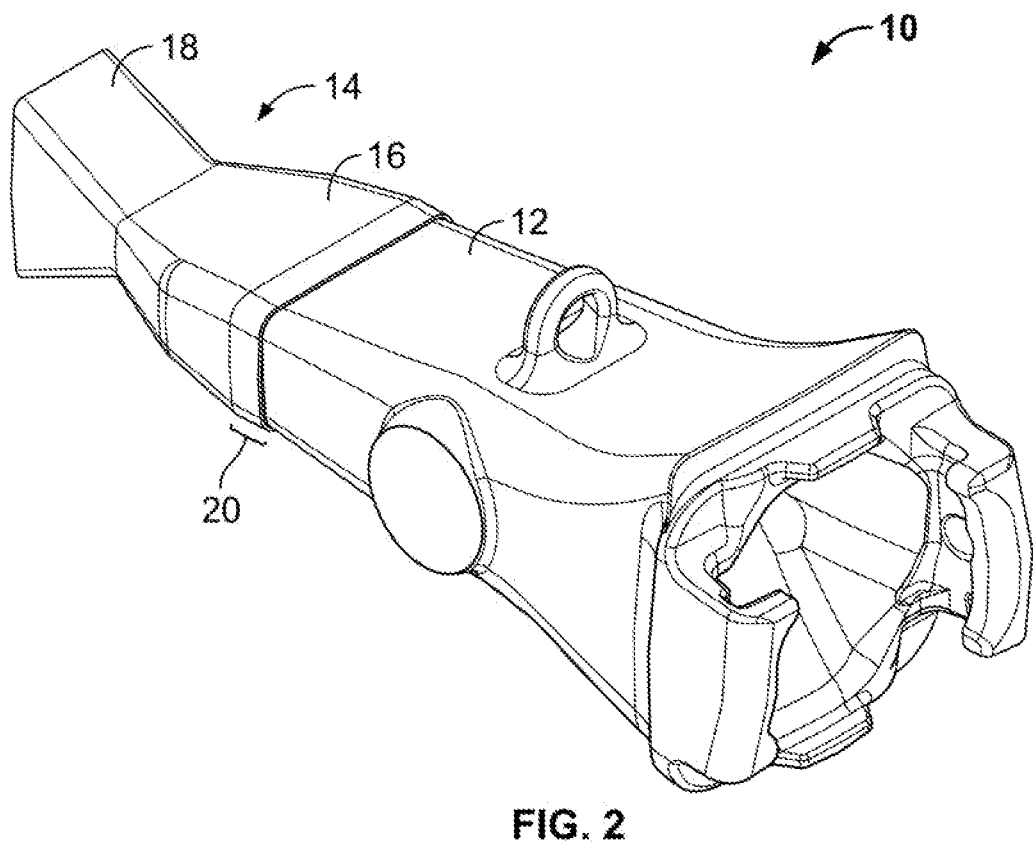
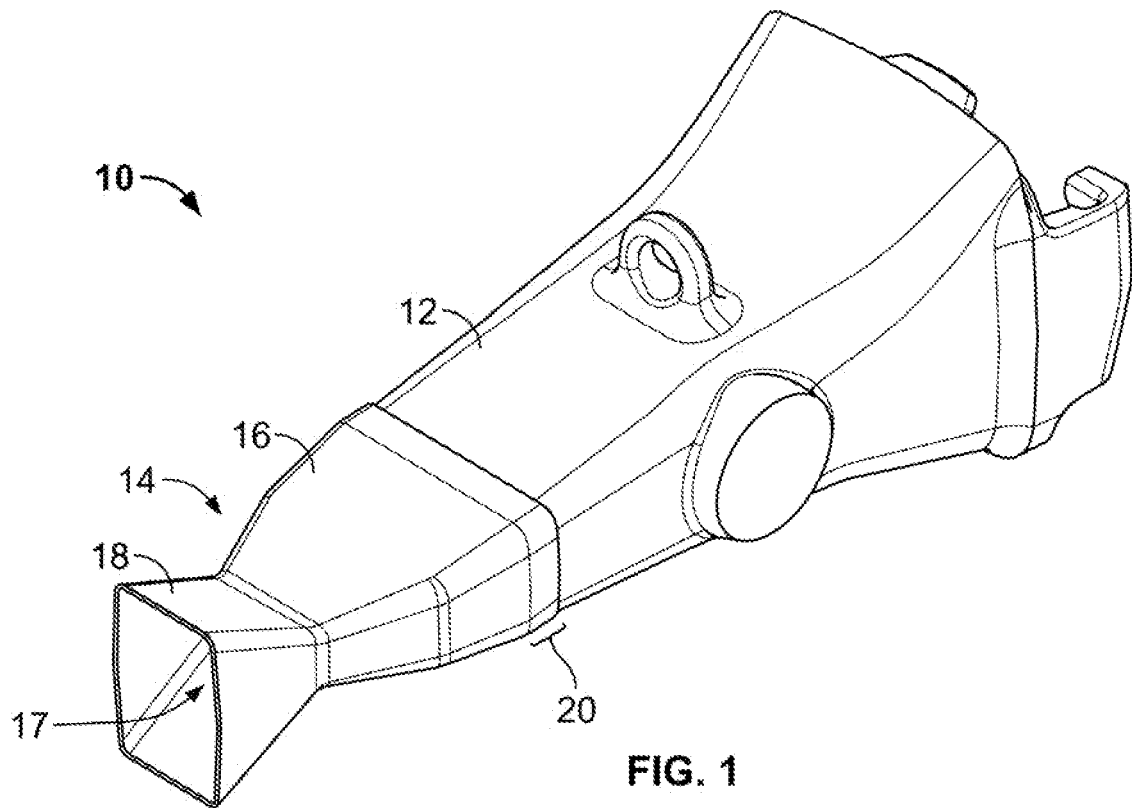
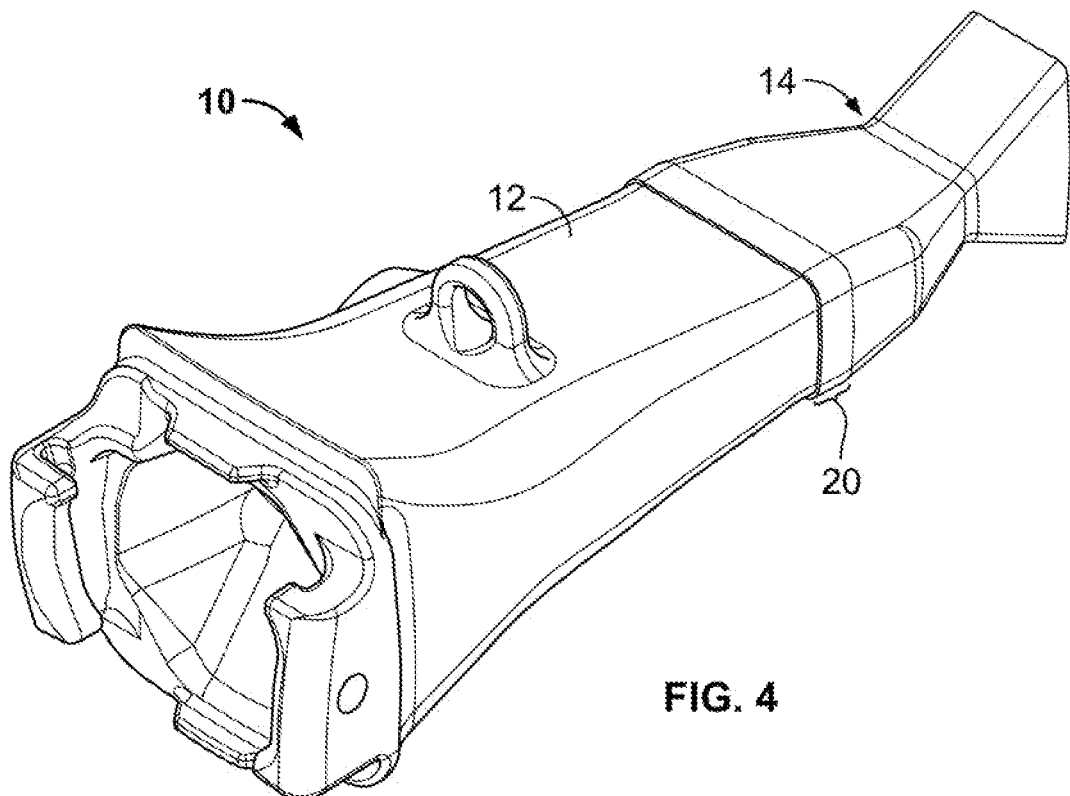
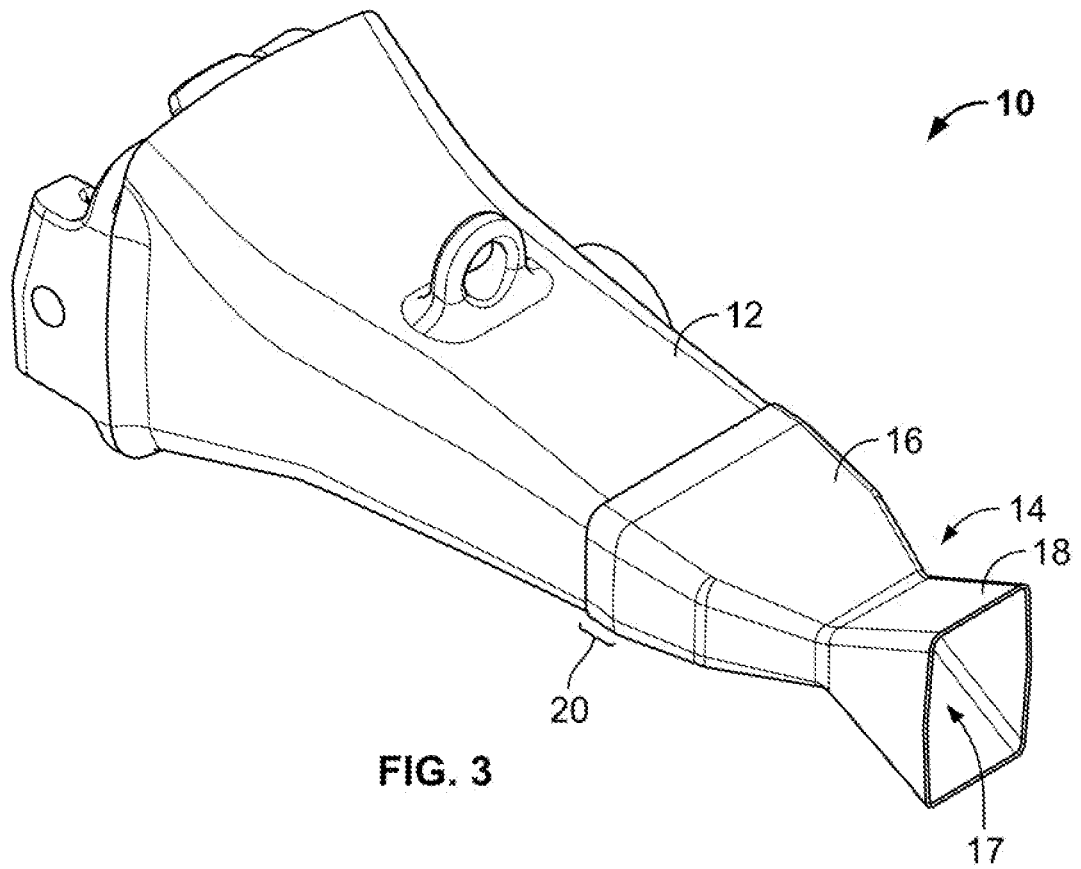






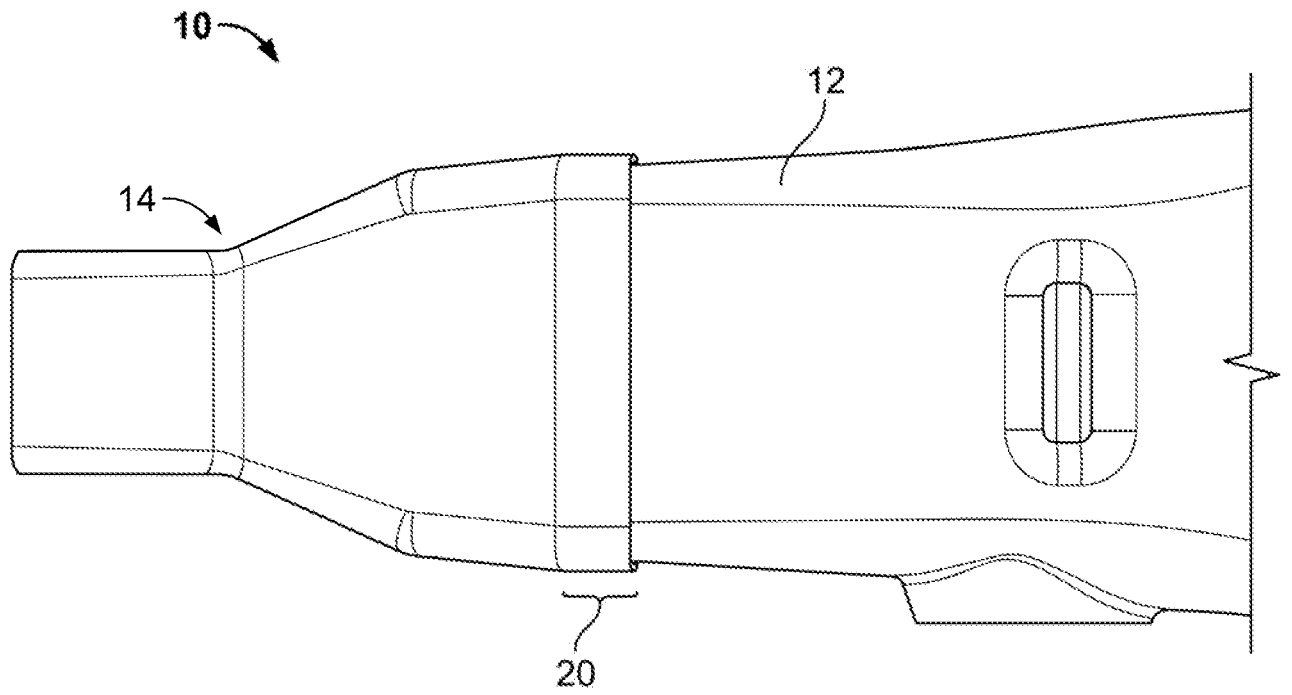


FIG. 5

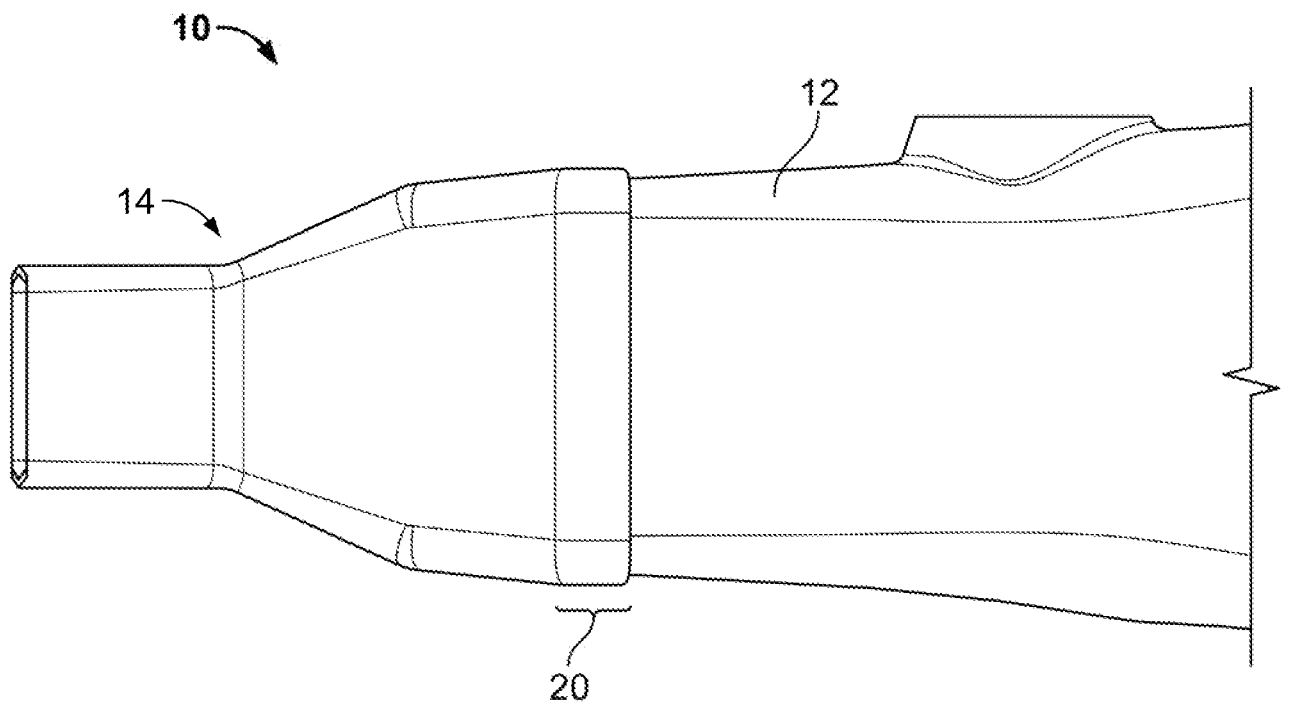


FIG. 6

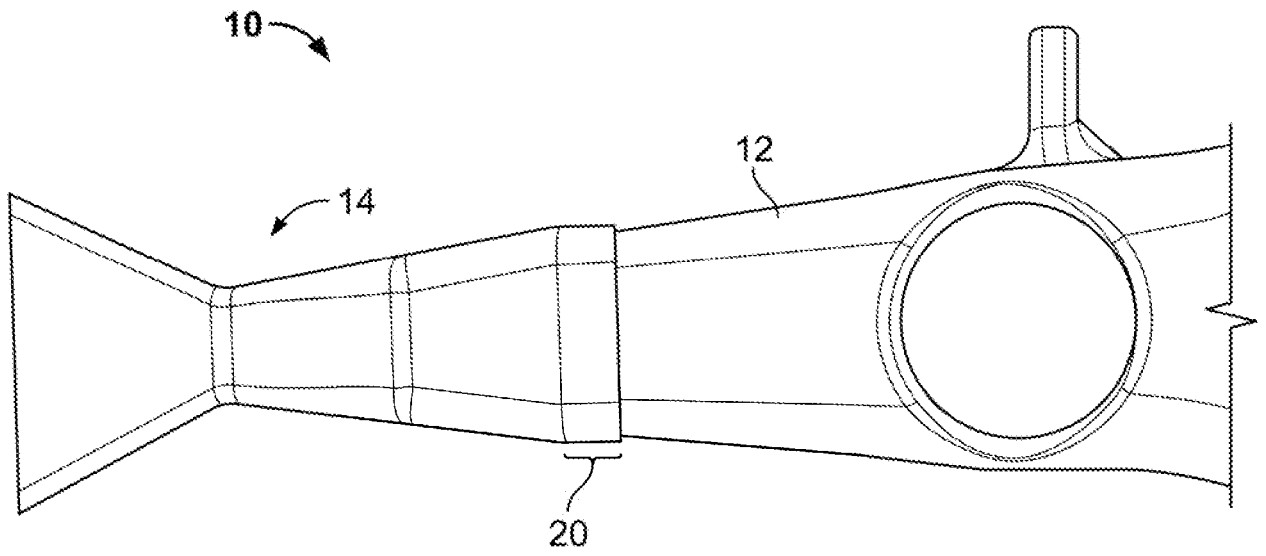


FIG. 7

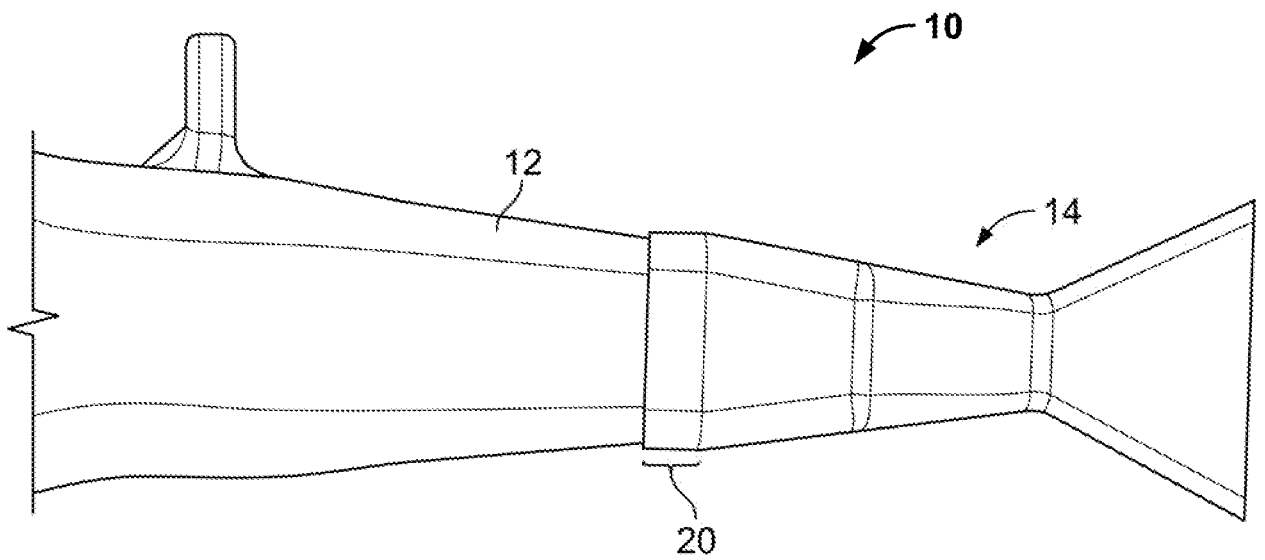


FIG. 8

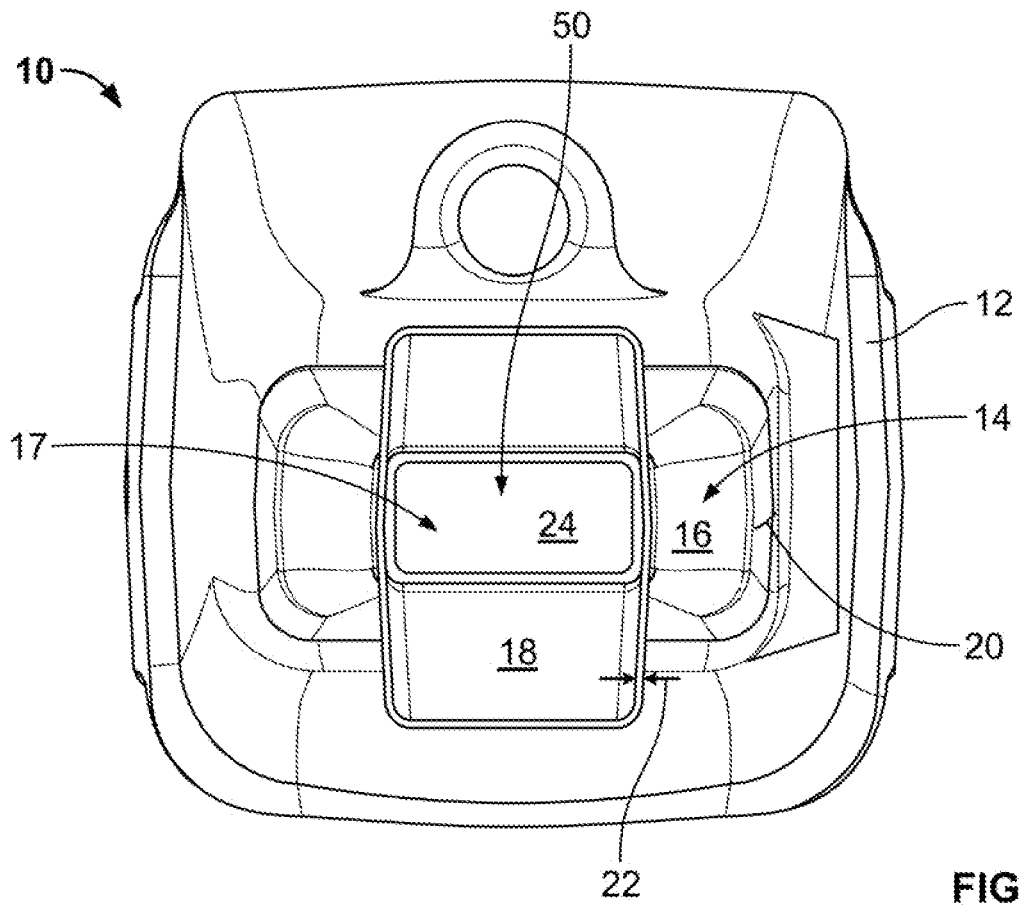


FIG. 9

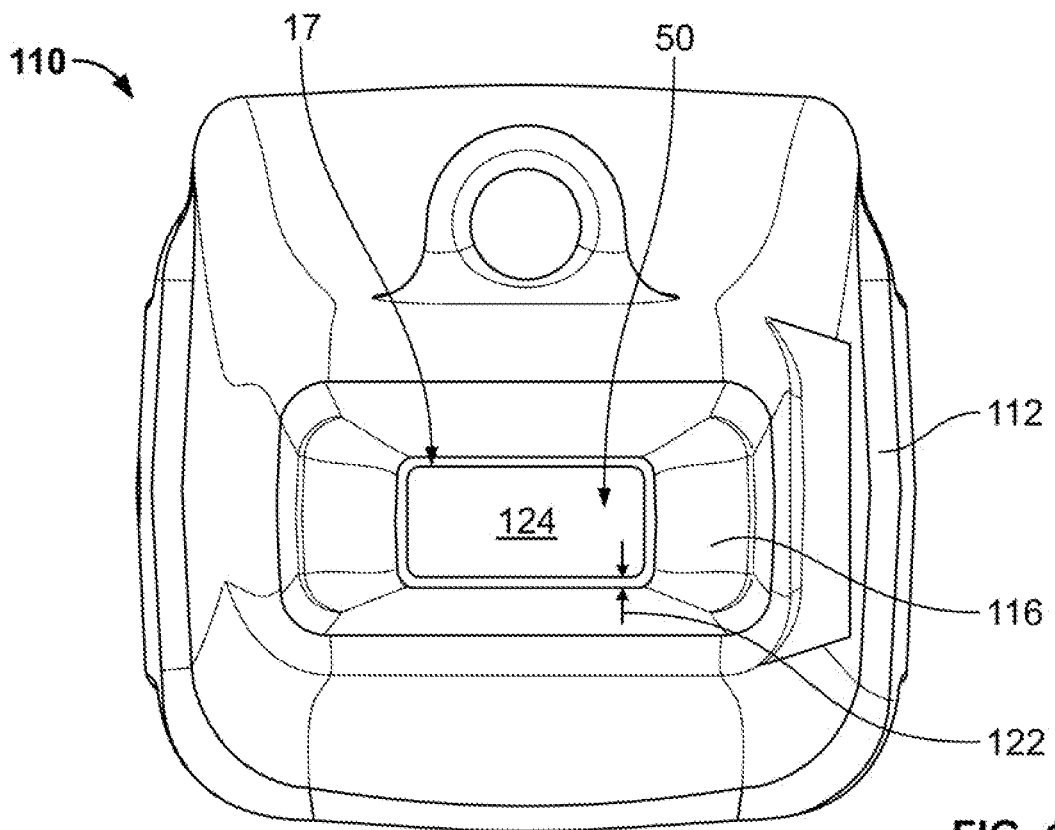


FIG. 10

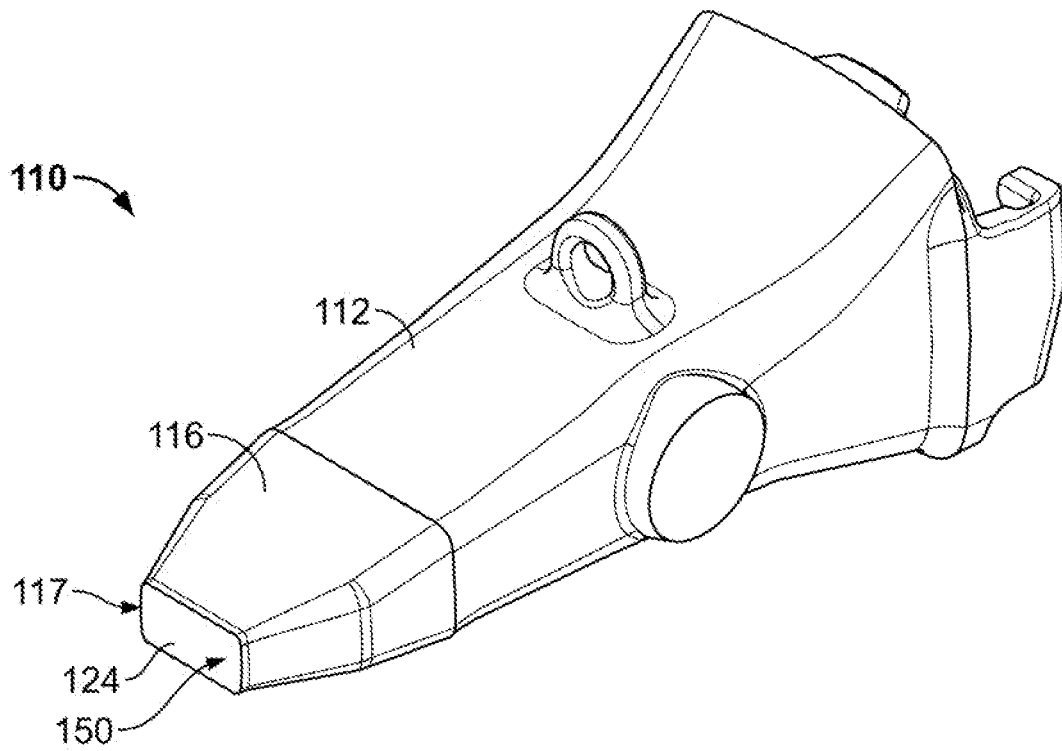


FIG. 11

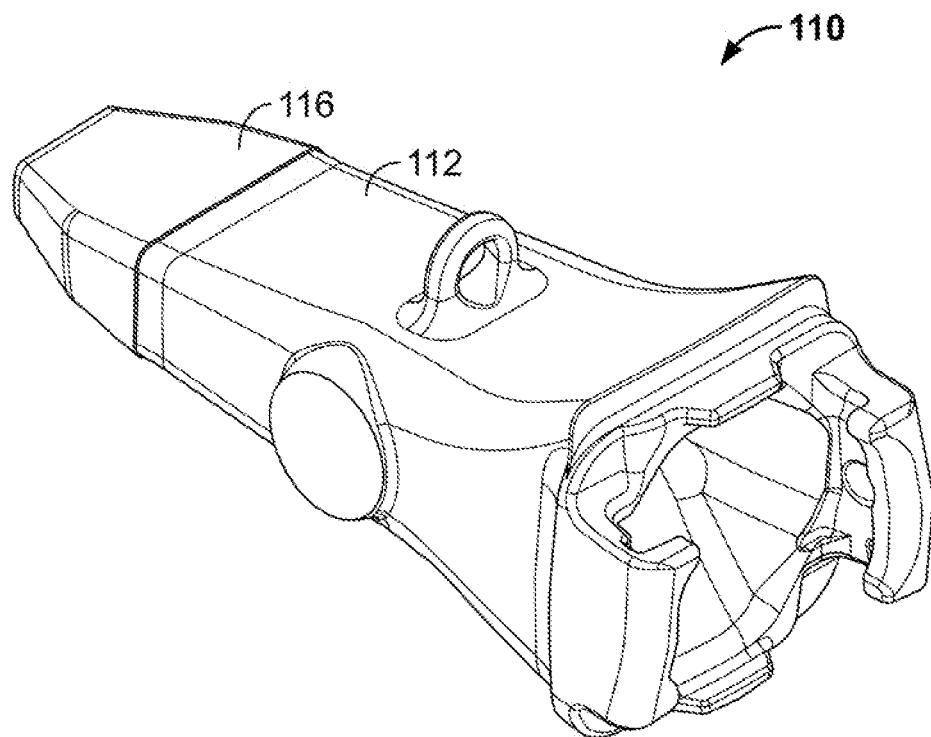
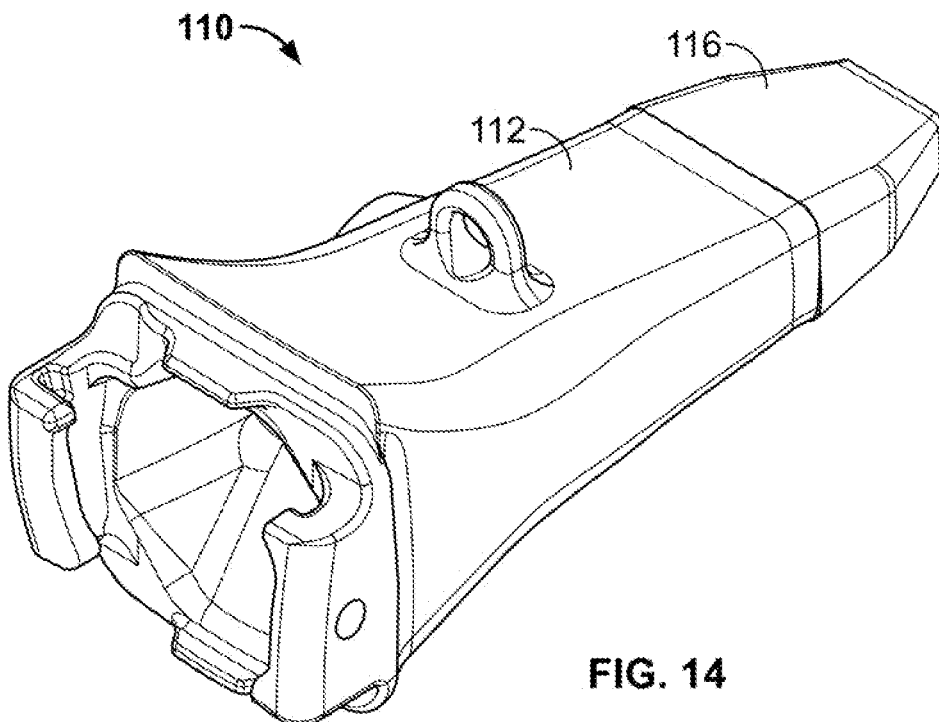
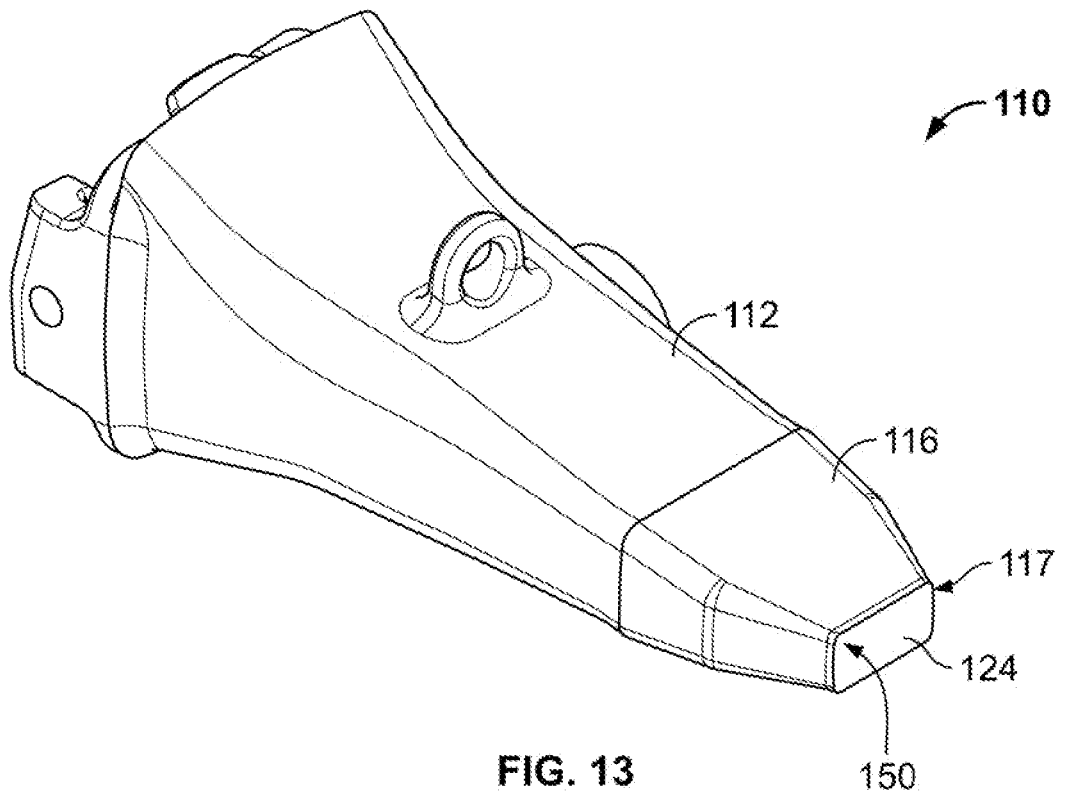


FIG. 12



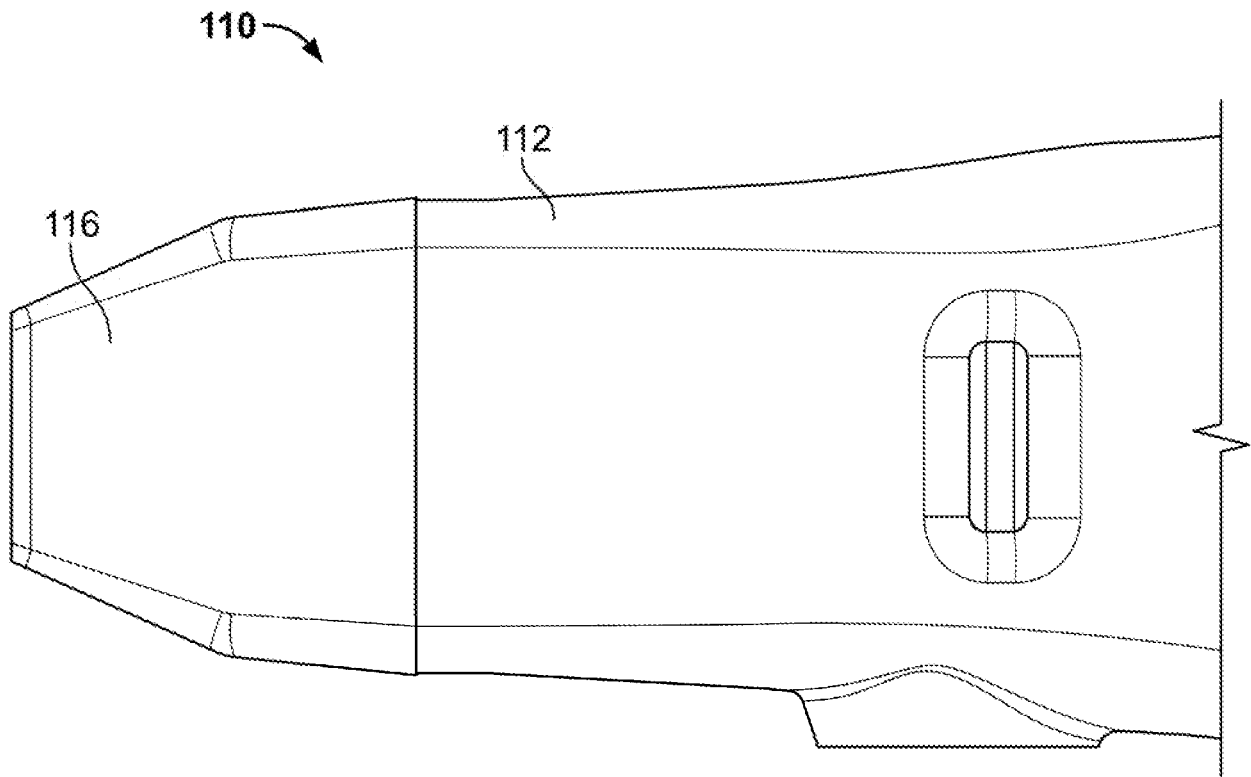


FIG. 15

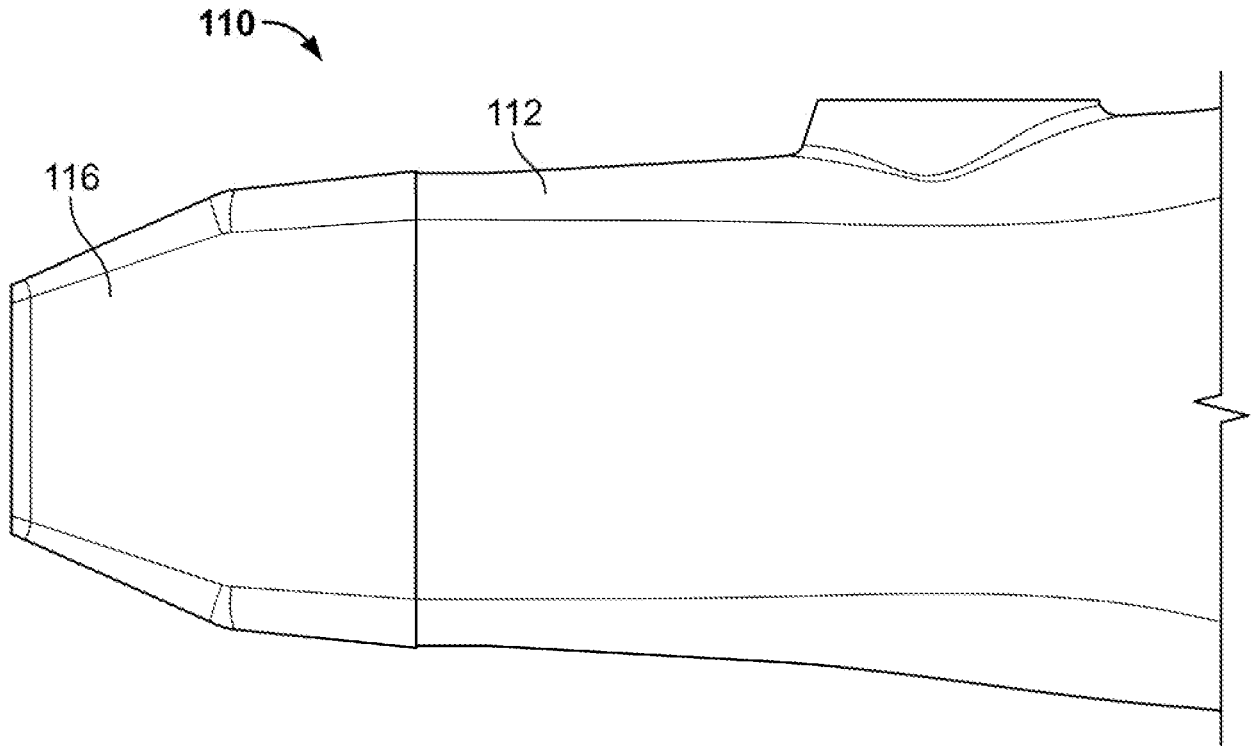


FIG. 16

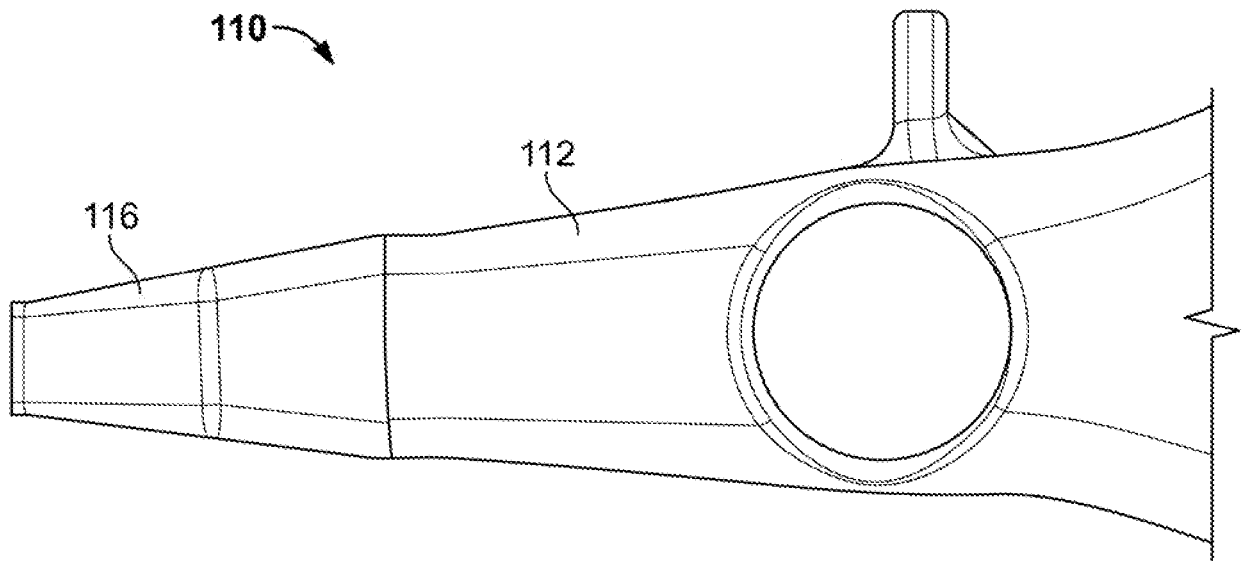


FIG. 17

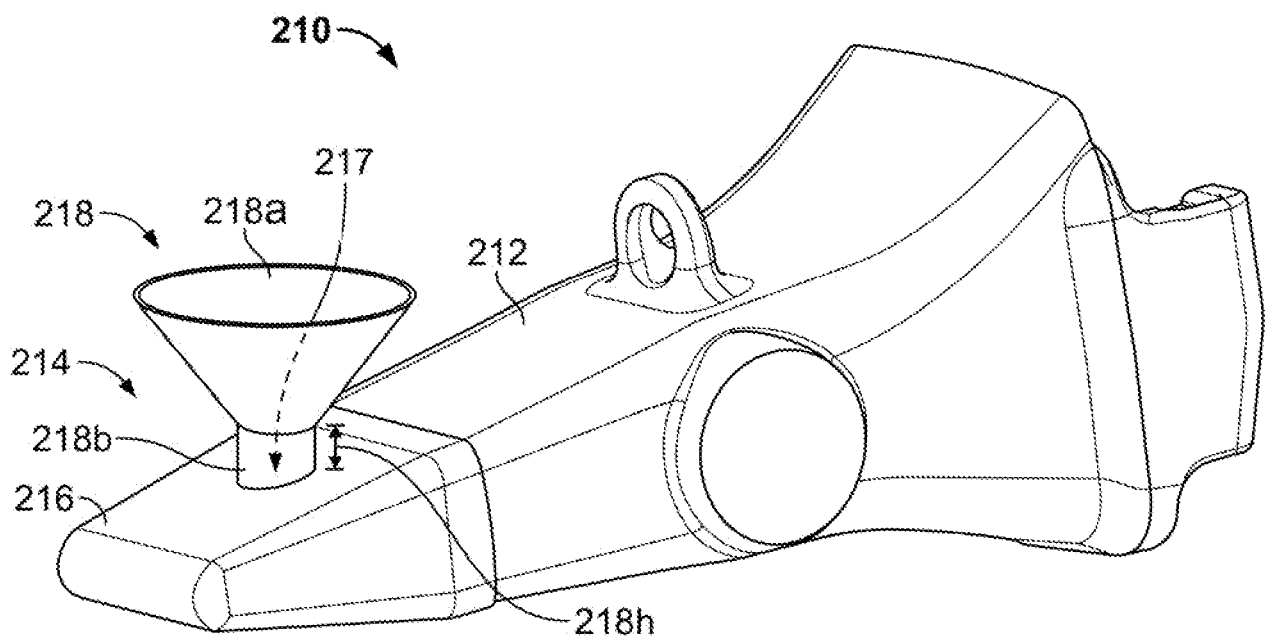


FIG. 18

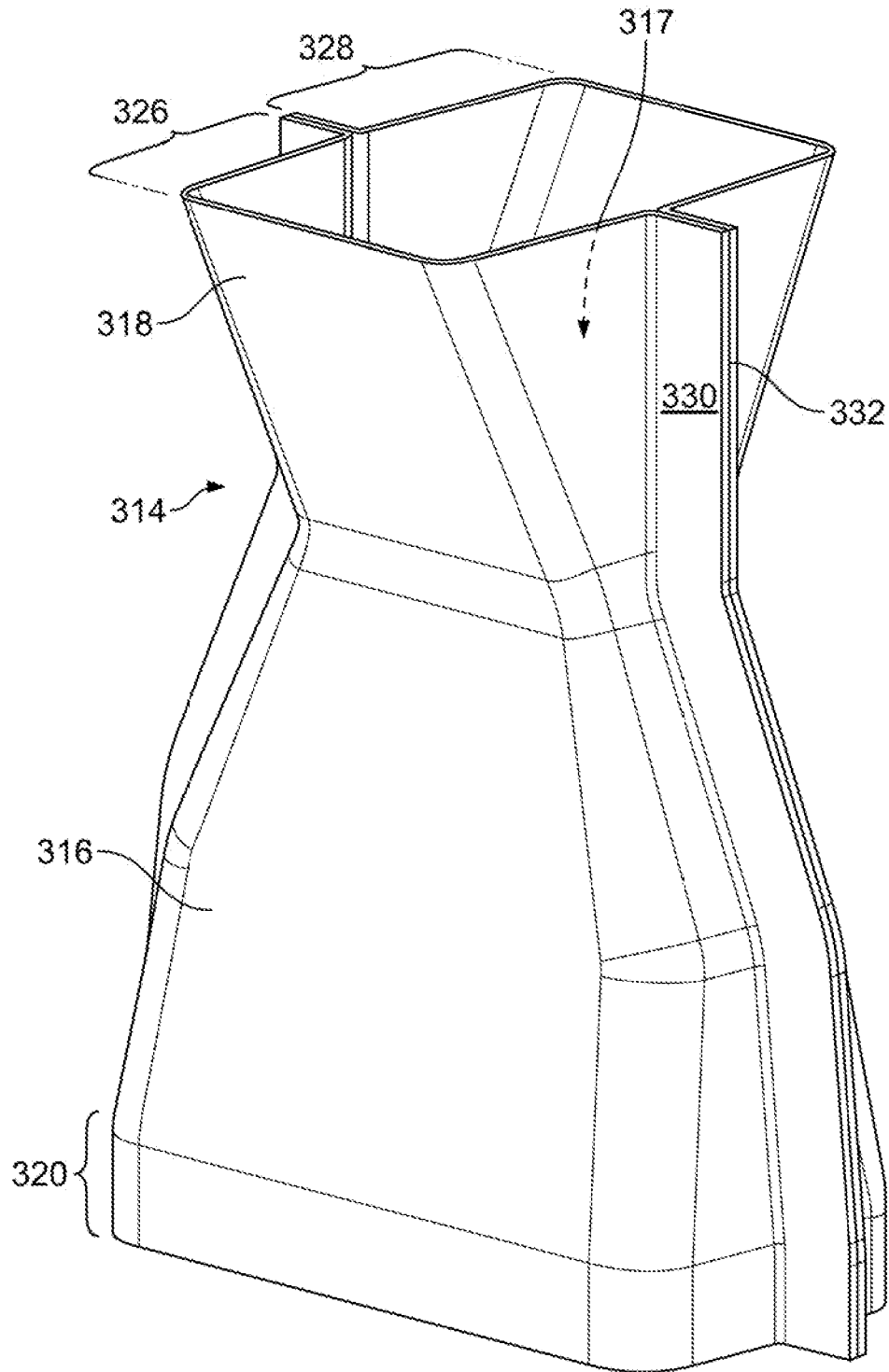


FIG. 19

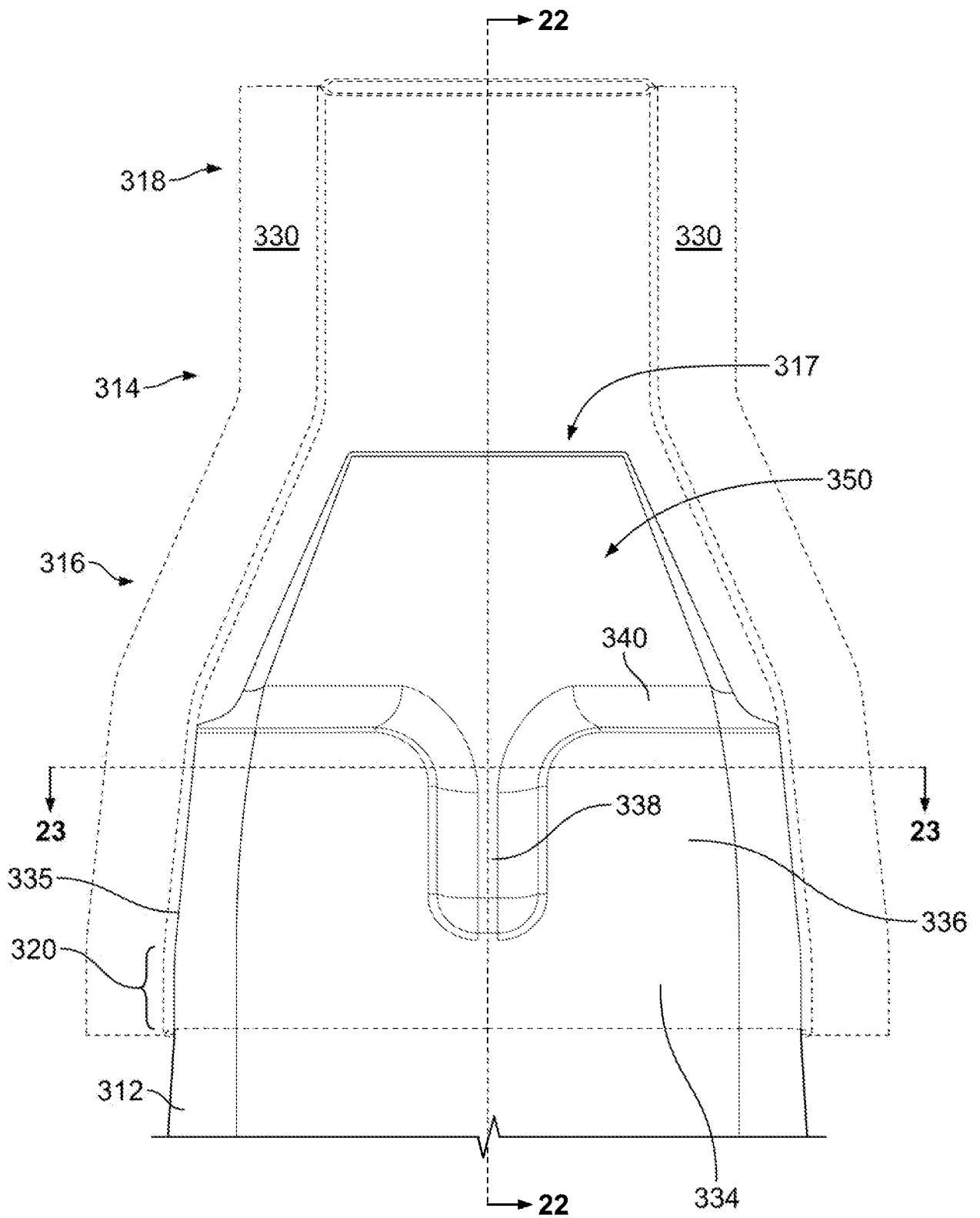


FIG. 20

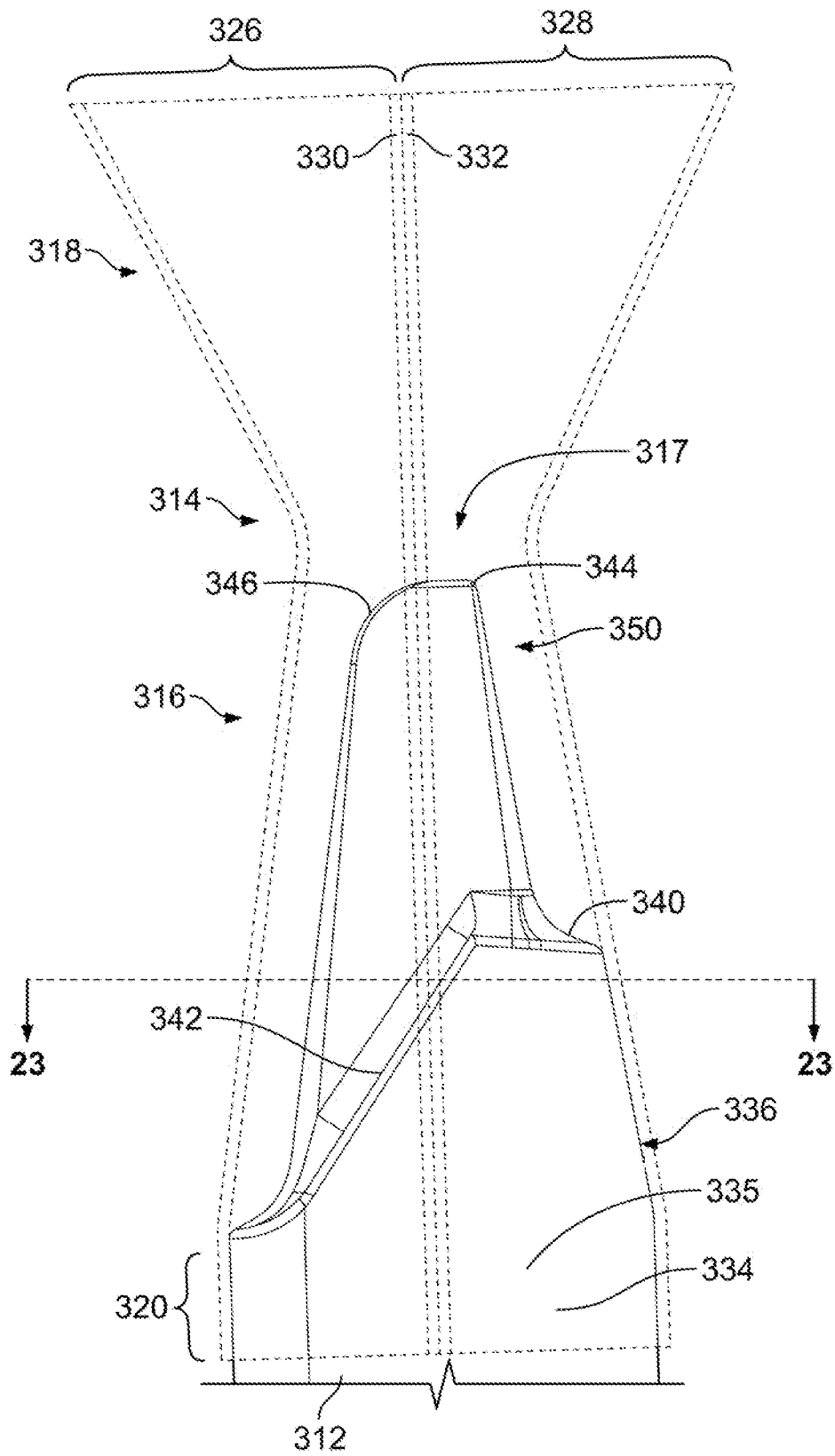
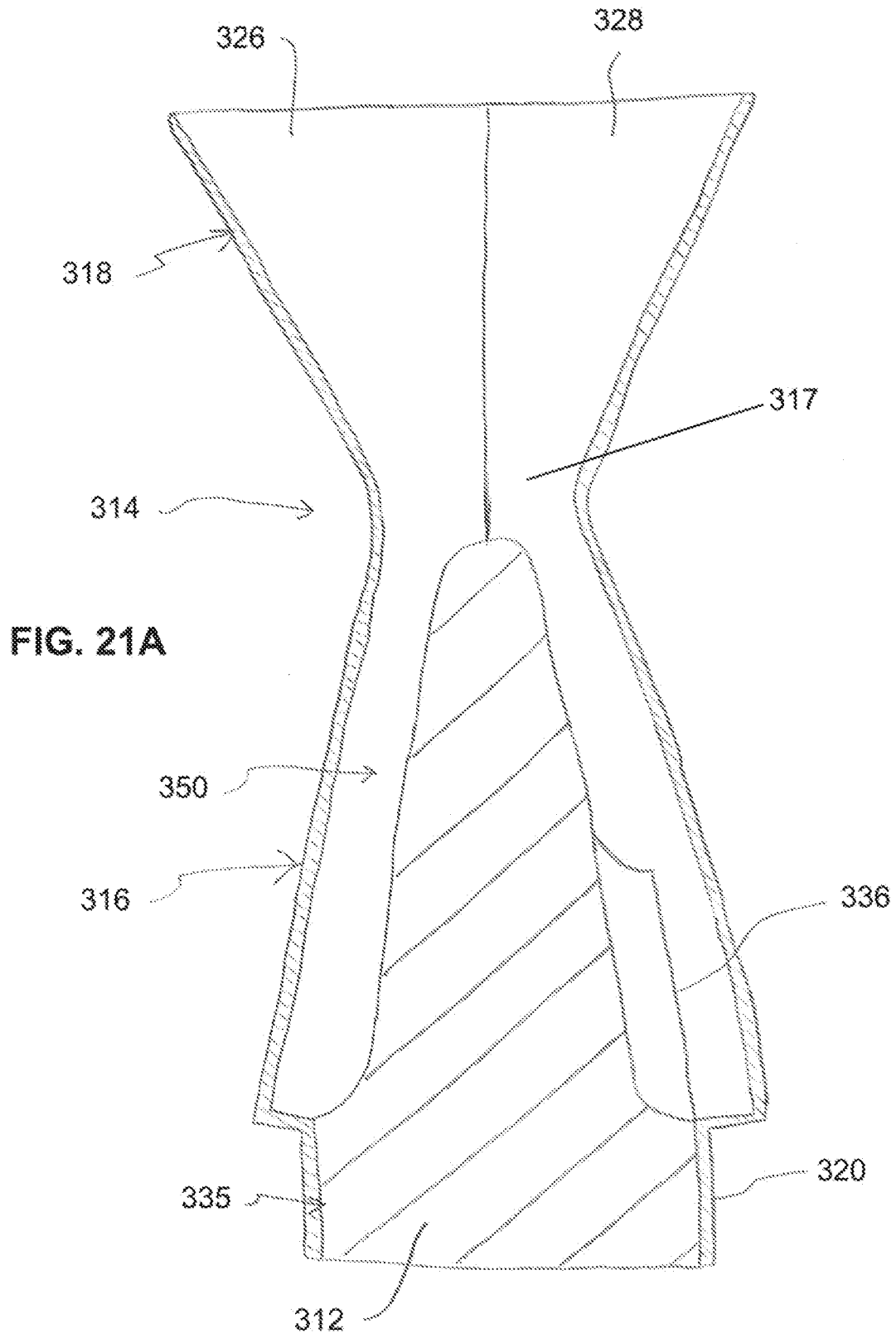


FIG. 21



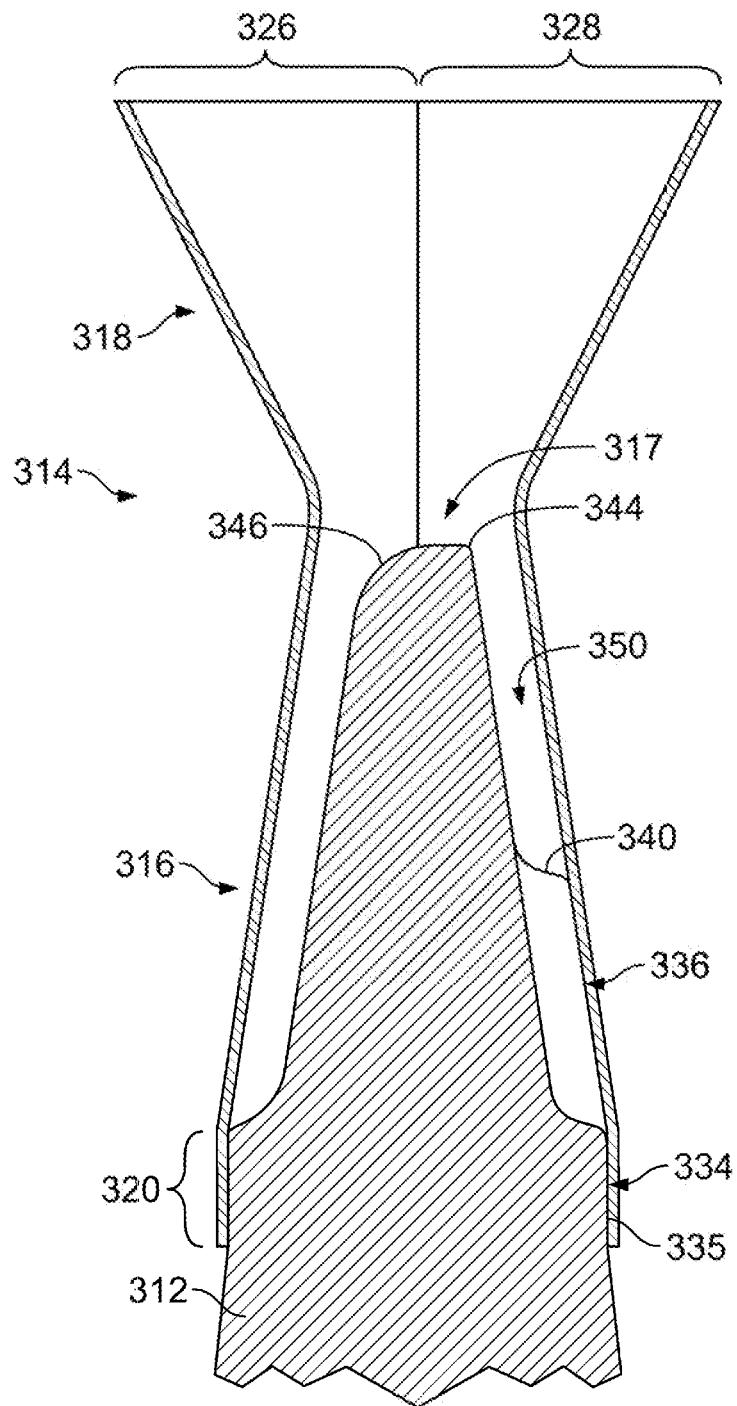


FIG. 22

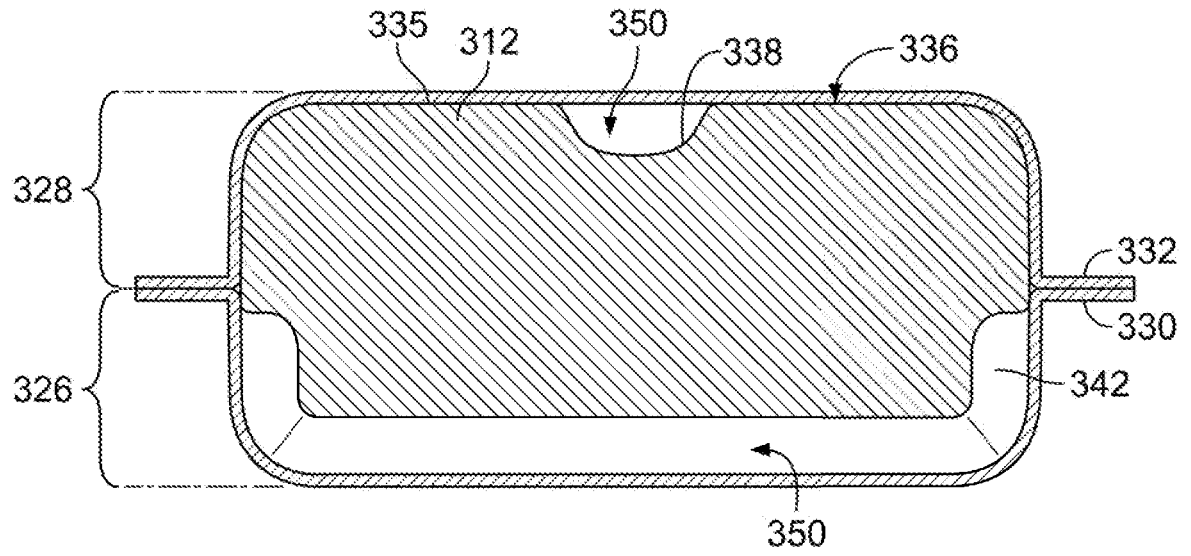


FIG. 23

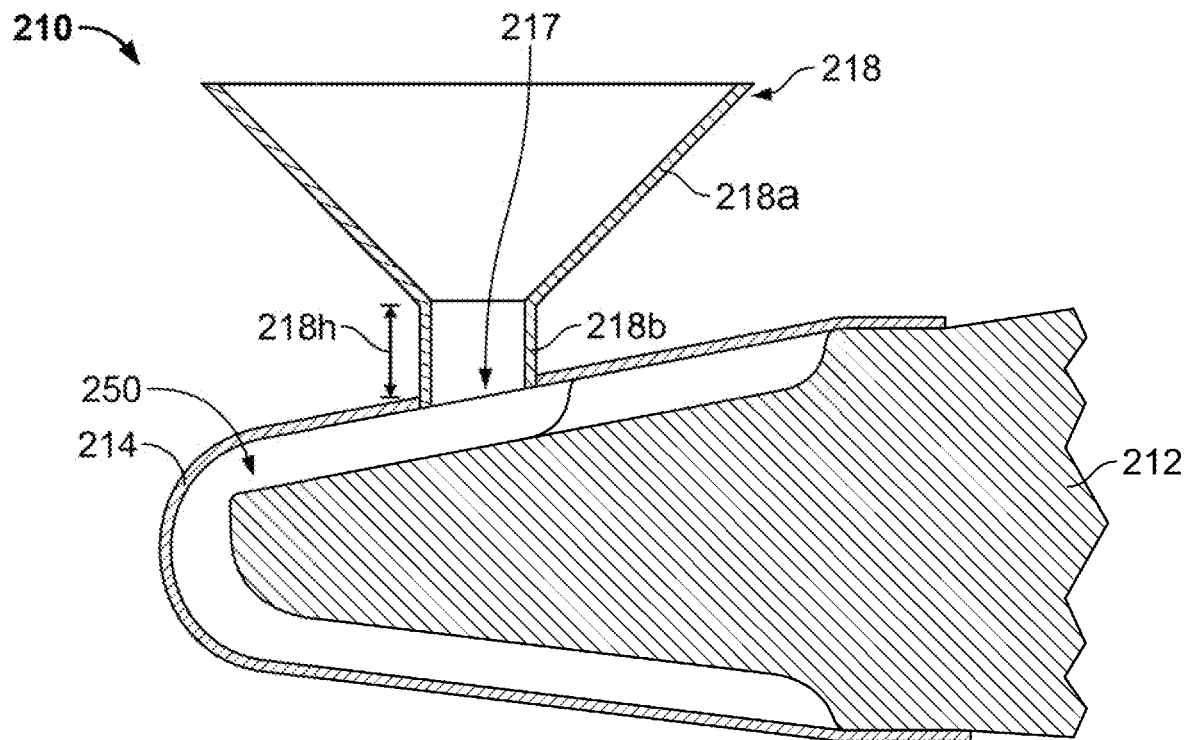


FIG. 24

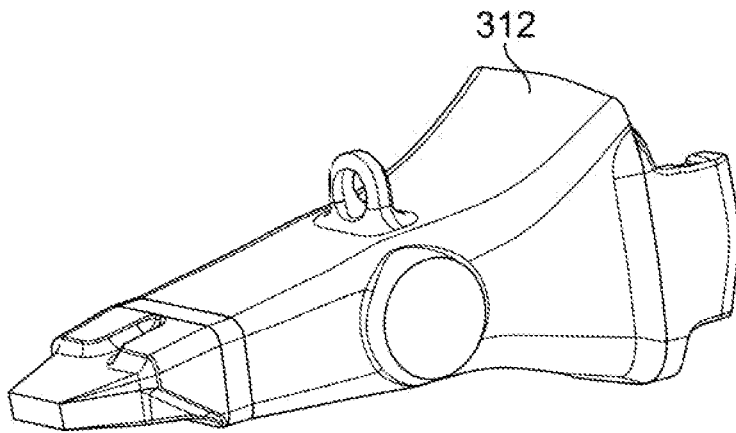


FIG. 25A

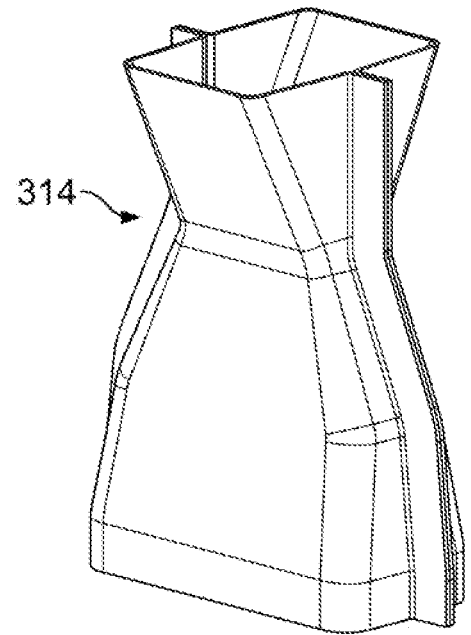


FIG. 25B

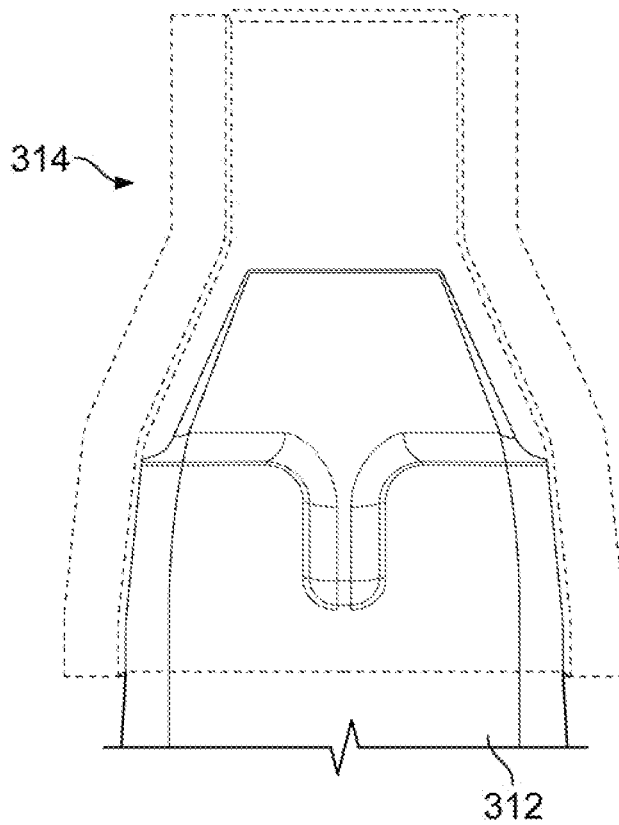


FIG. 25C

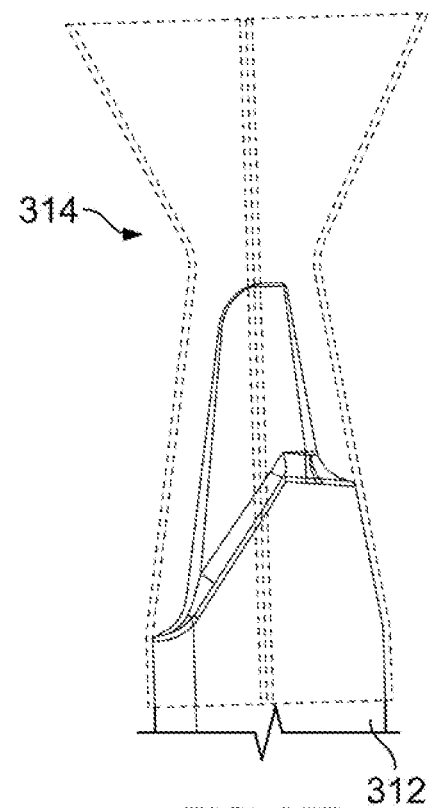


FIG. 25D

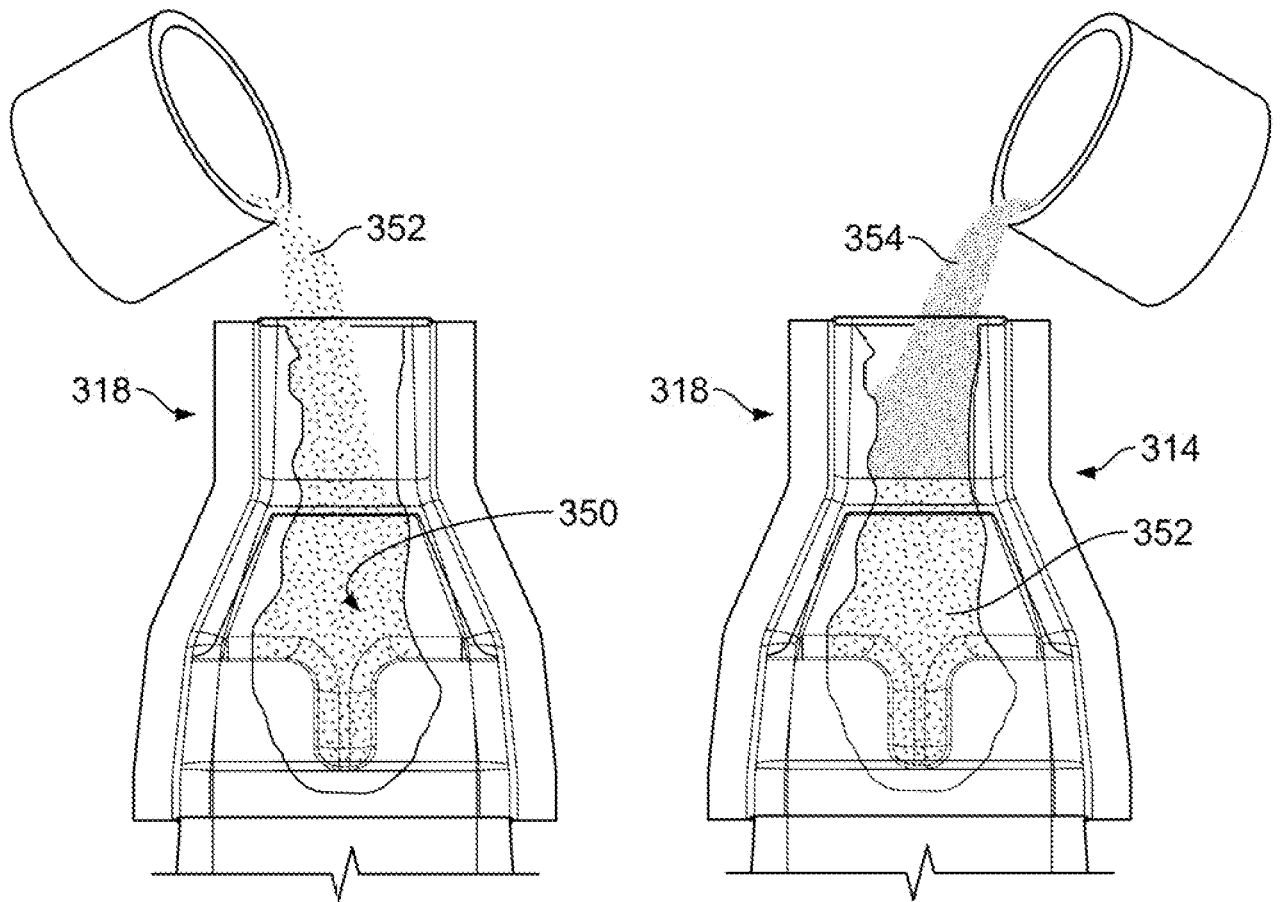


FIG. 25E

FIG. 25F

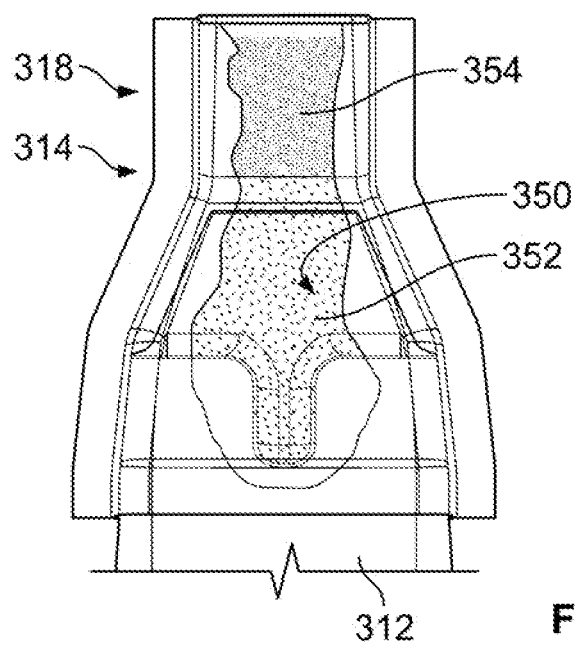


FIG. 25G

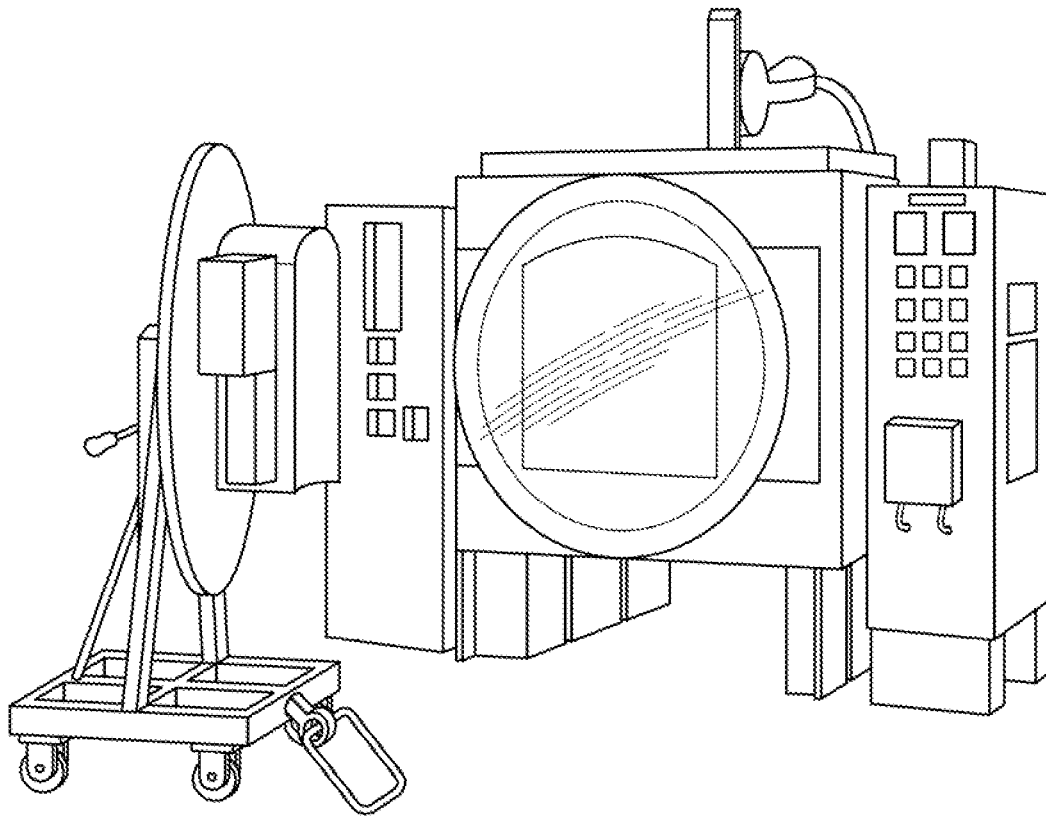


FIG. 25H

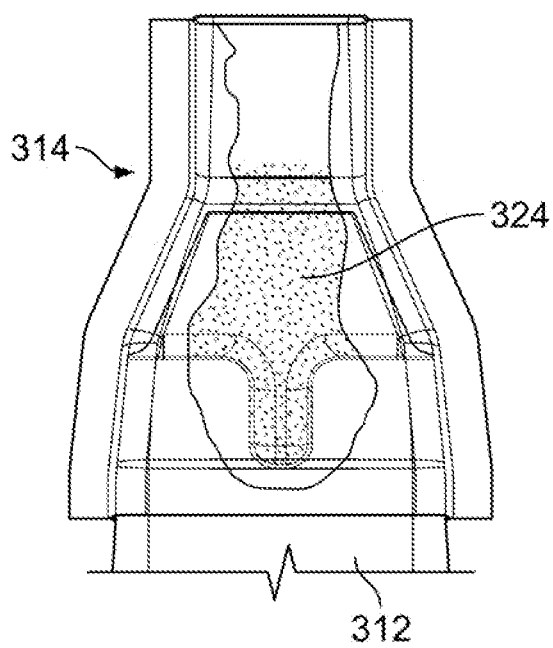


FIG. 25I

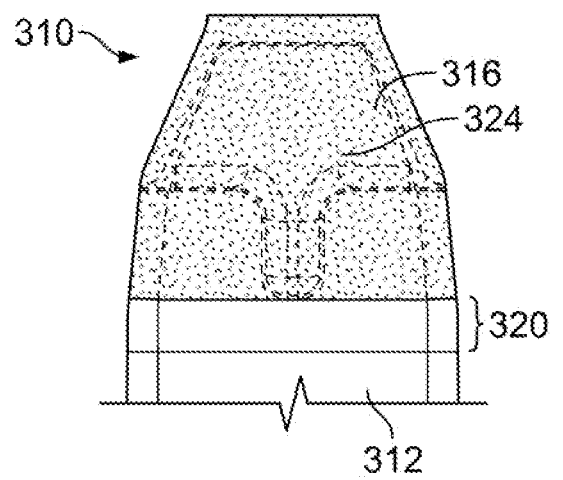


FIG. 25J

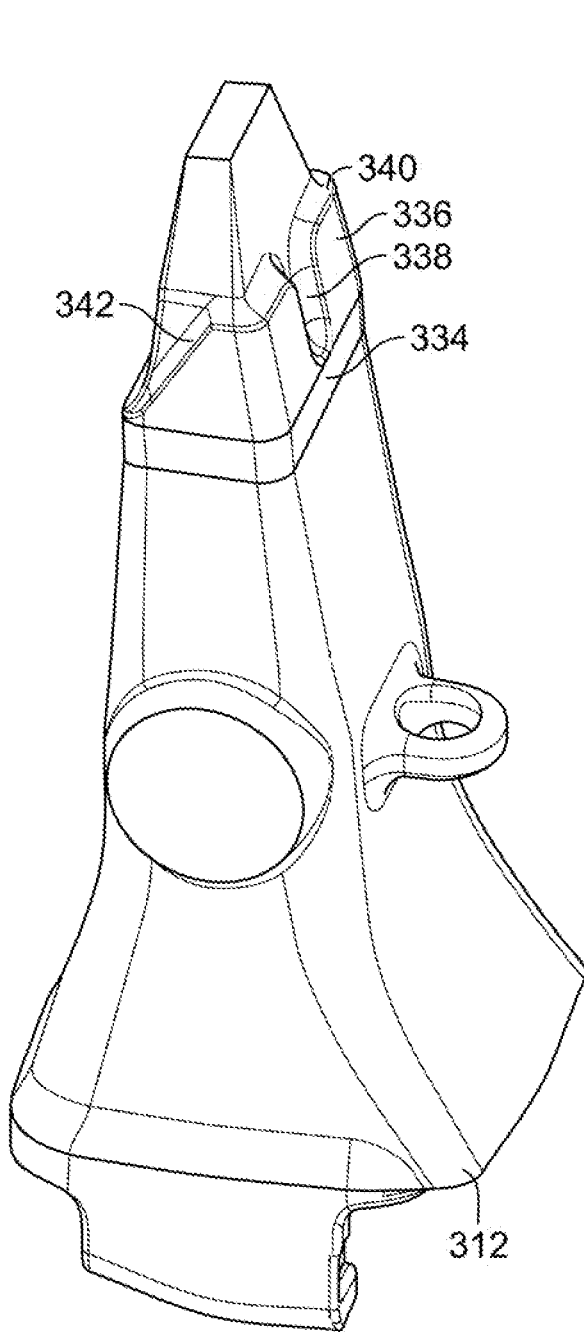


FIG. 26

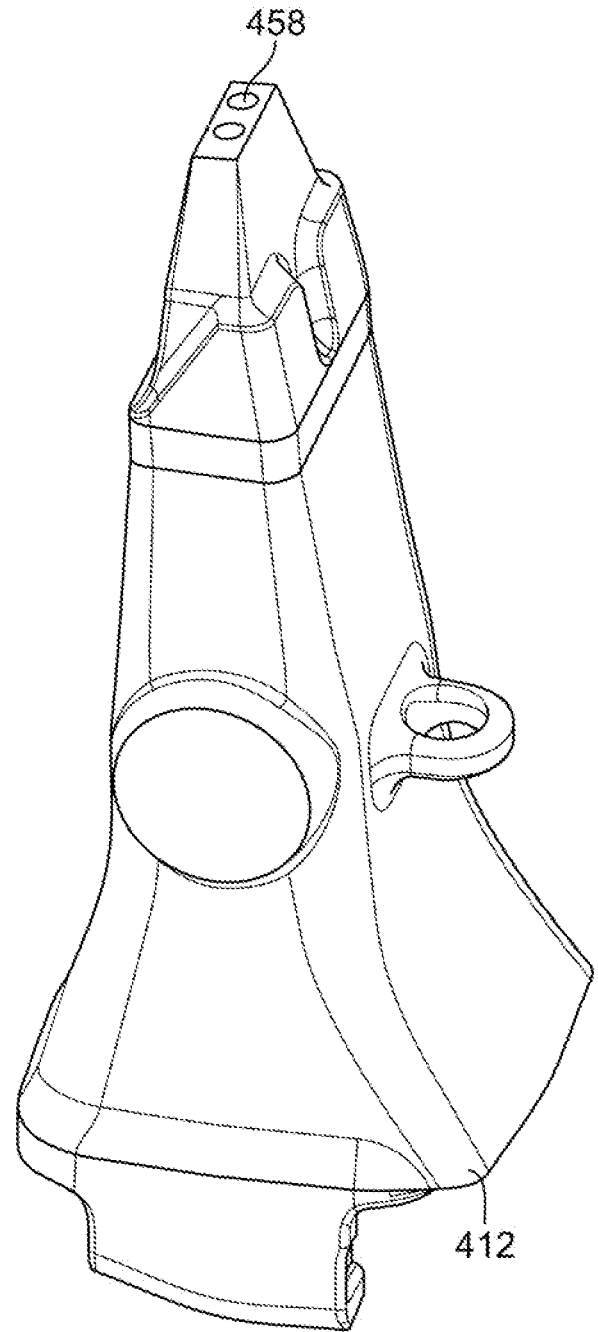


FIG. 27

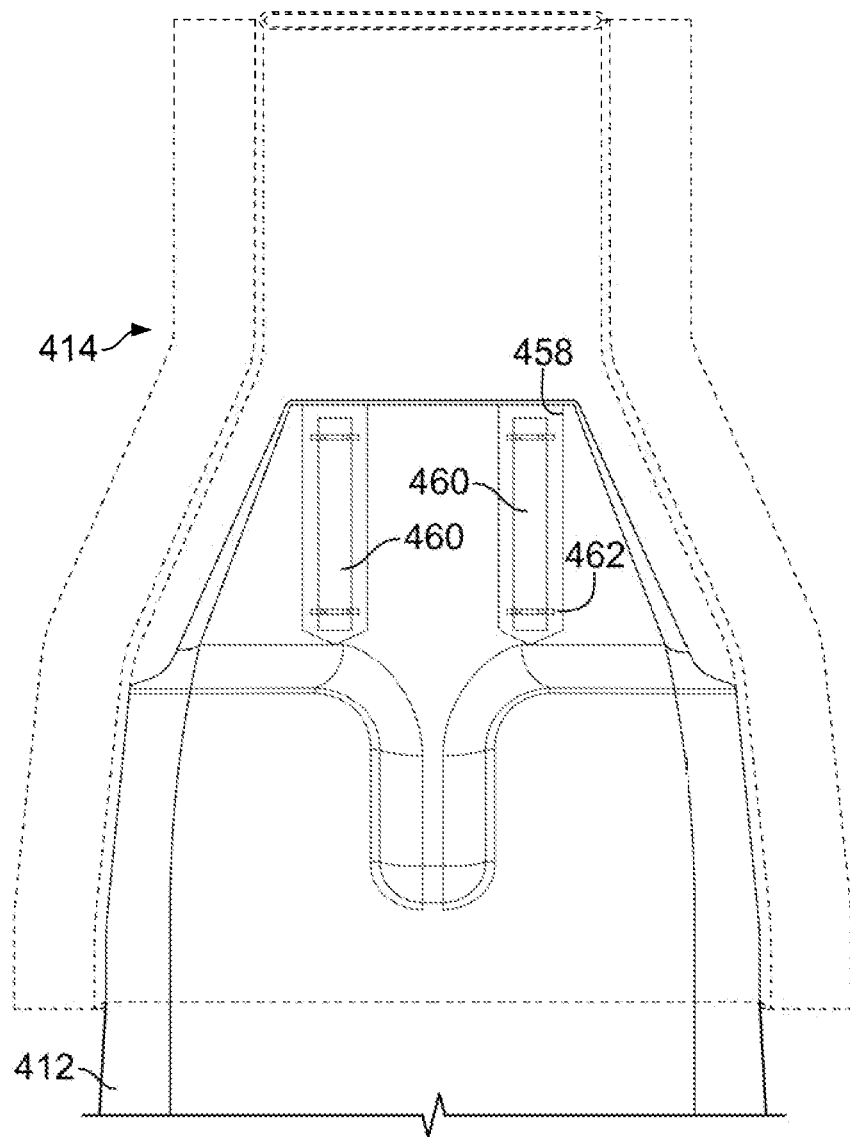


FIG. 28

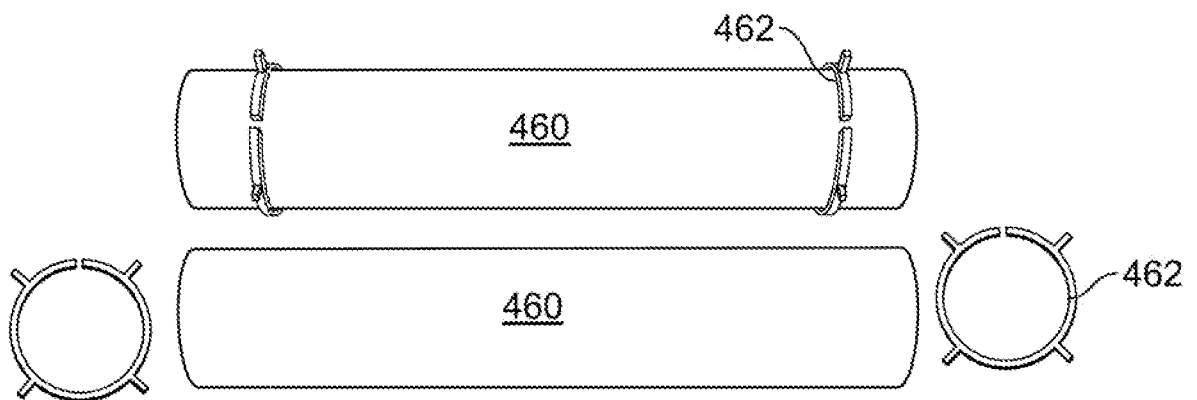
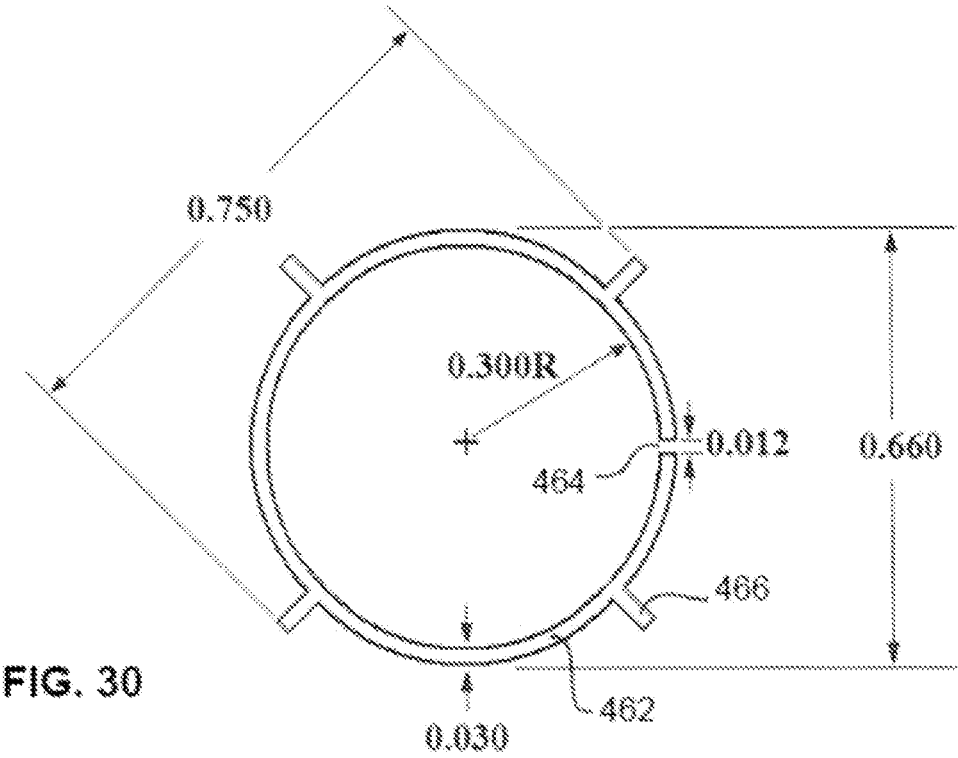


FIG. 29



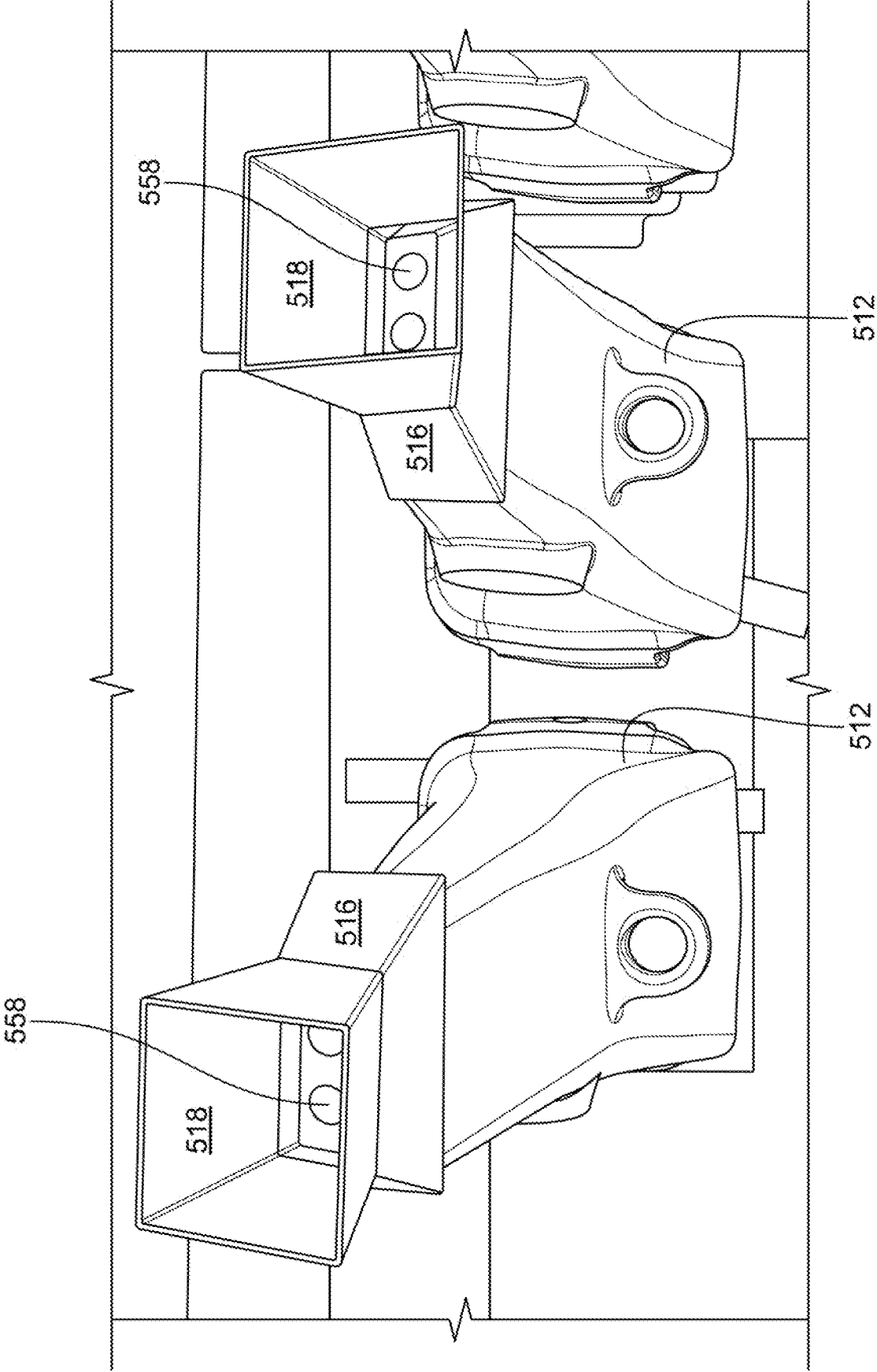


FIG. 31

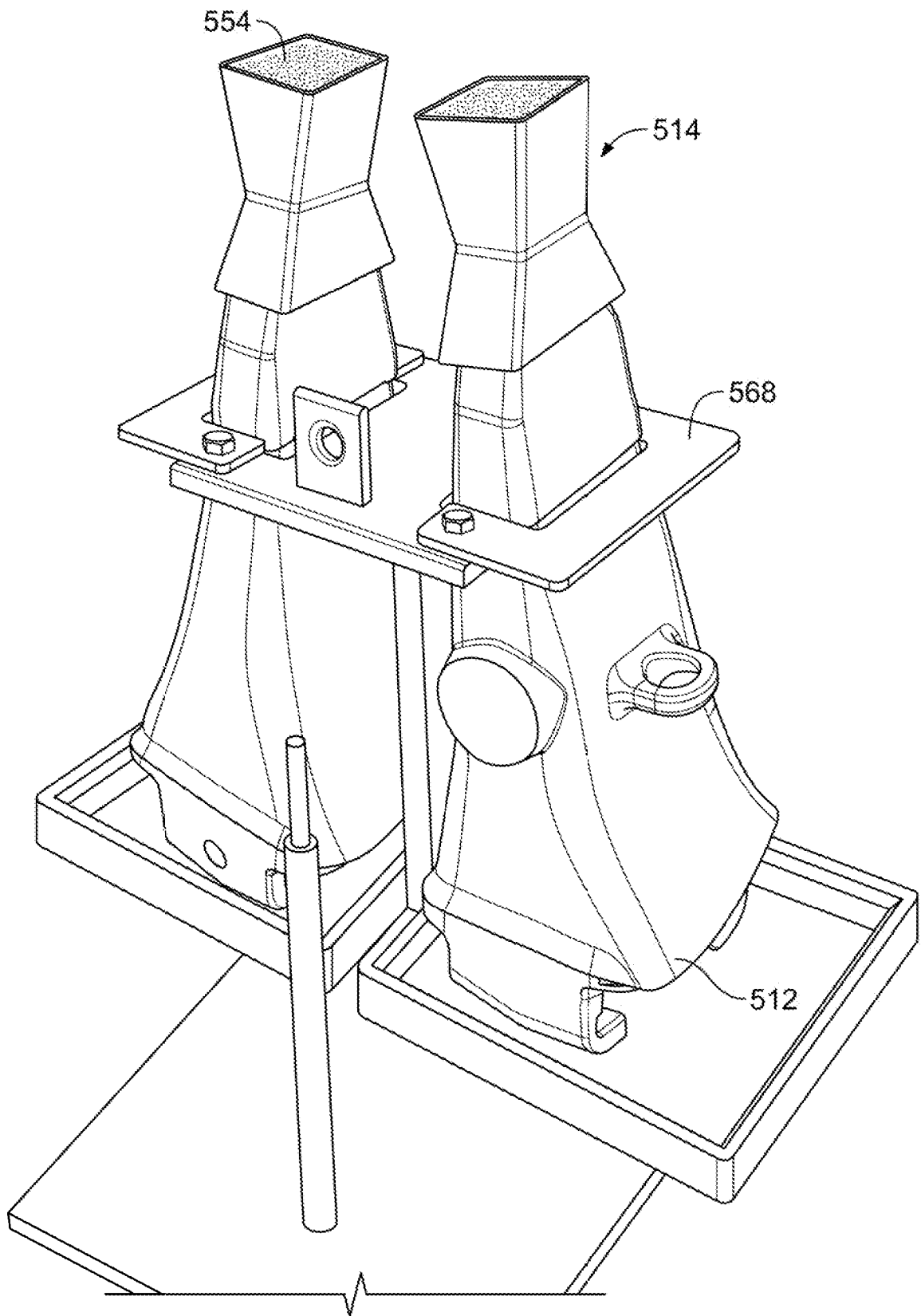


FIG. 32

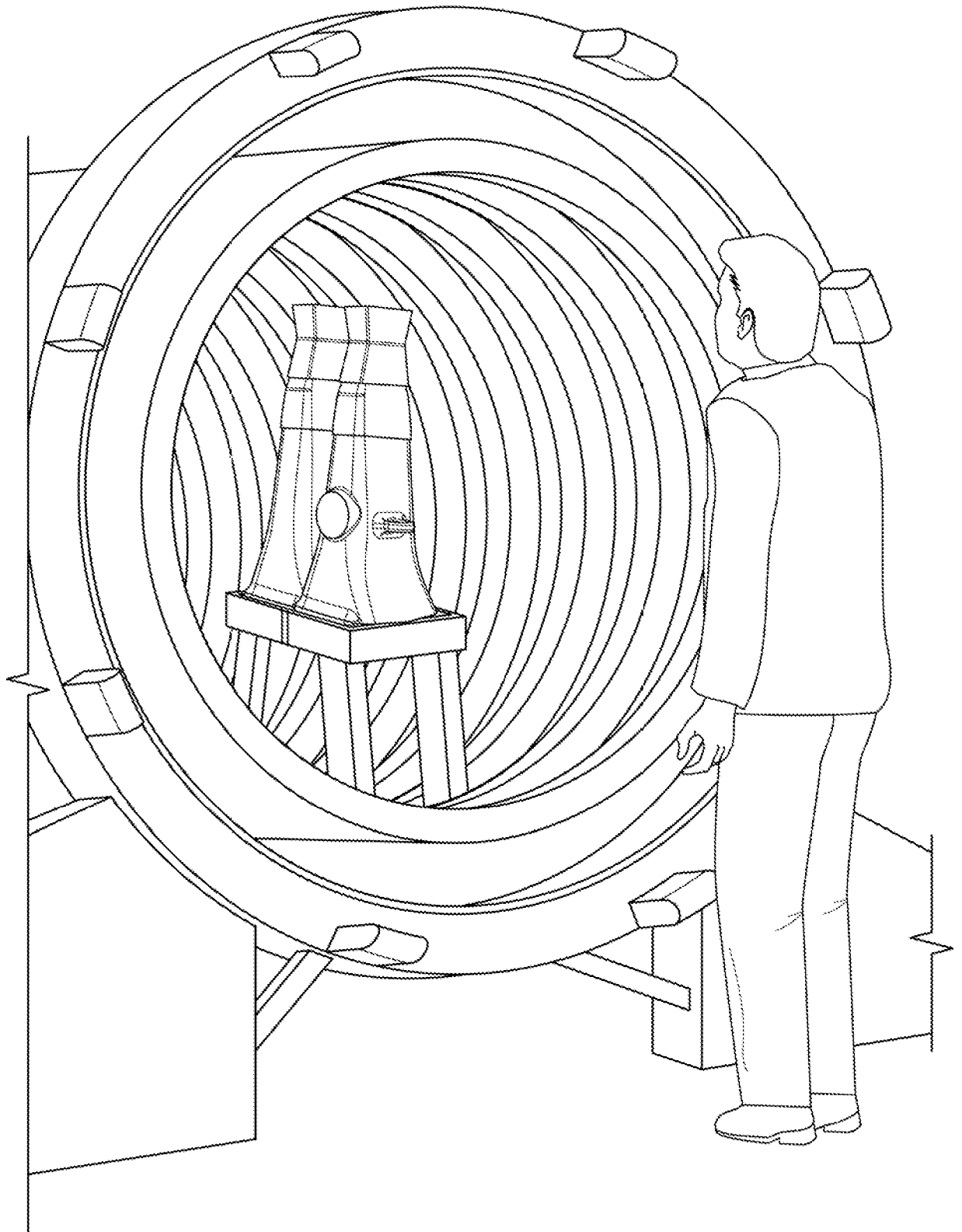


FIG. 33

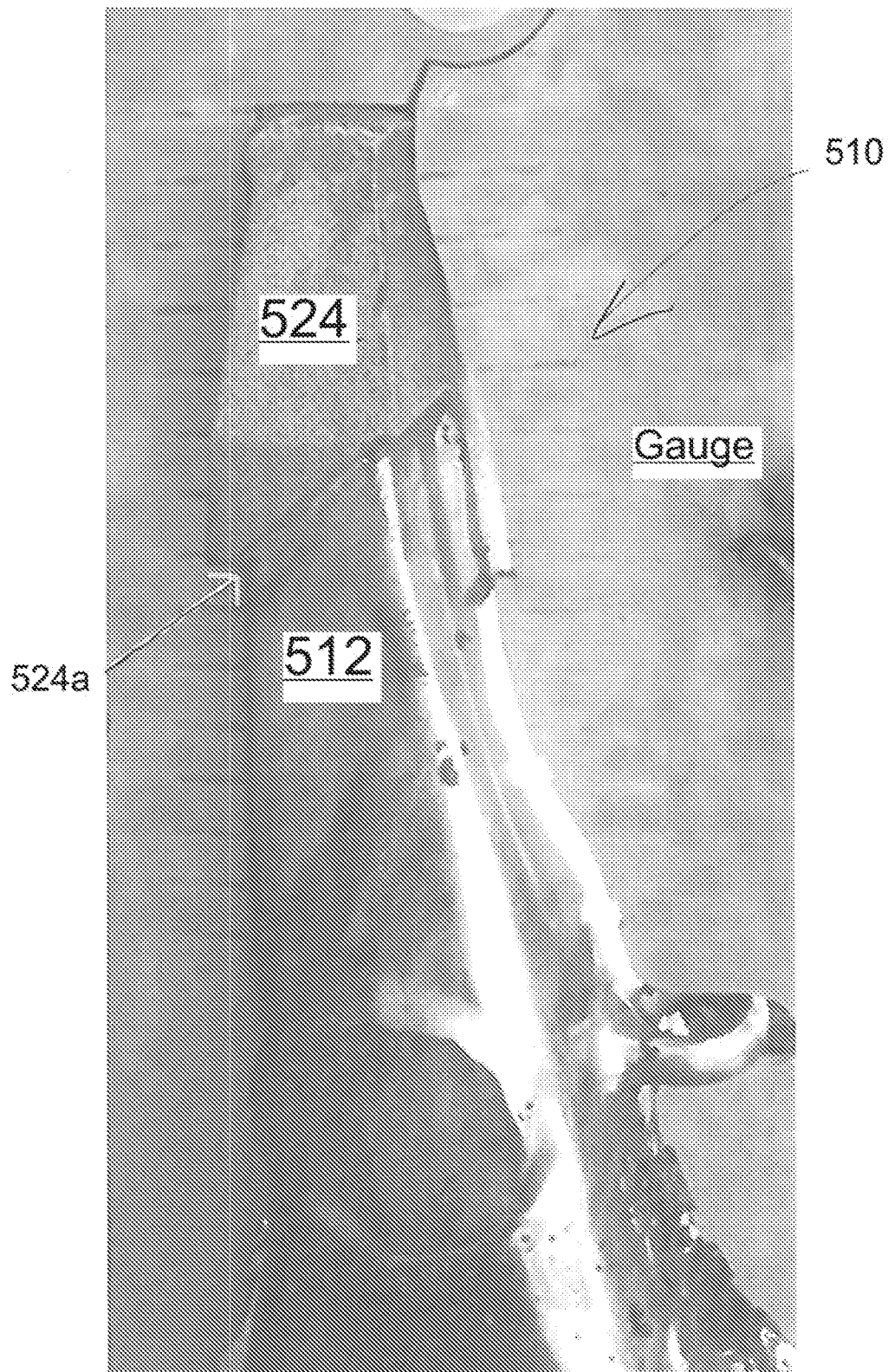


FIG. 34

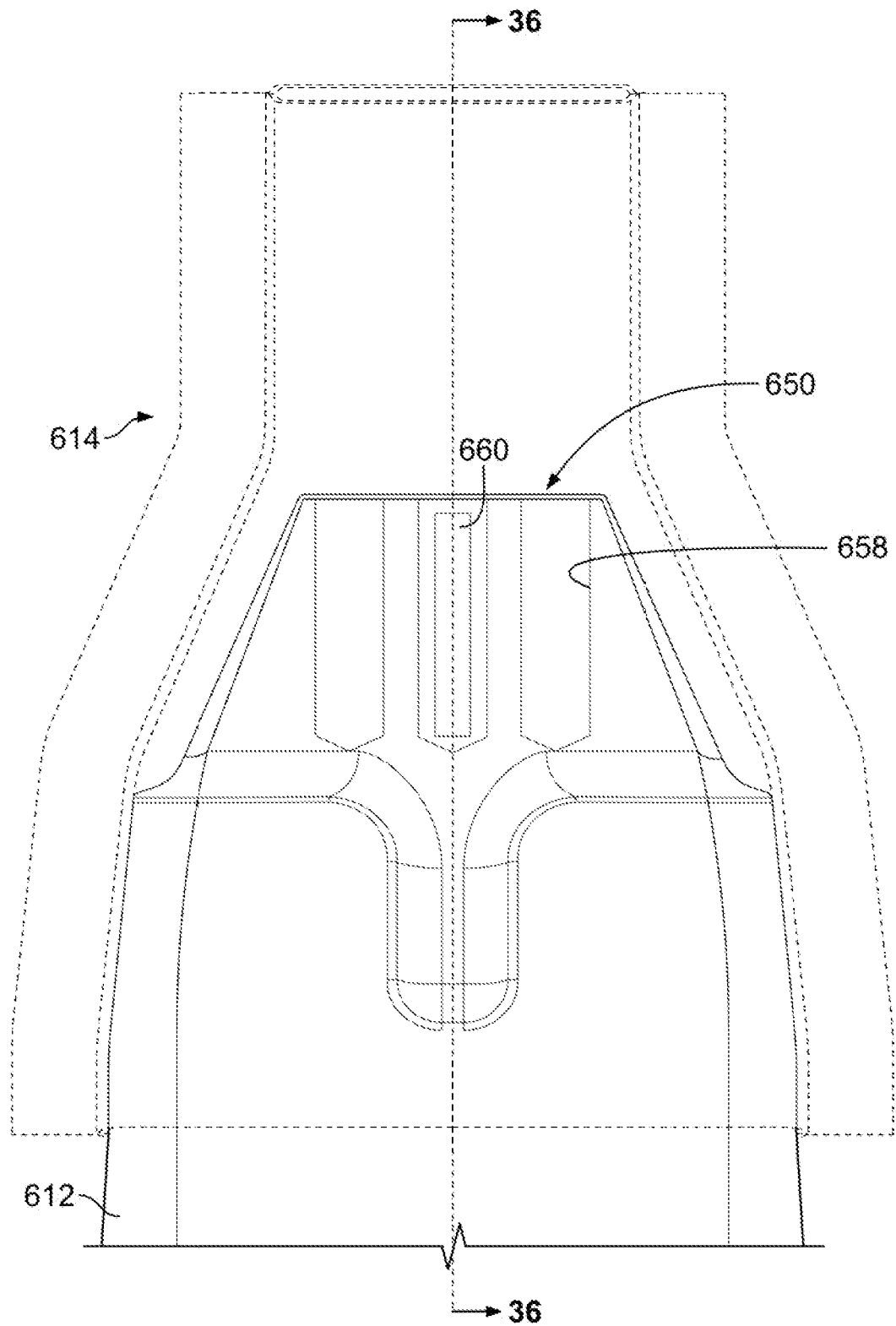


FIG. 35

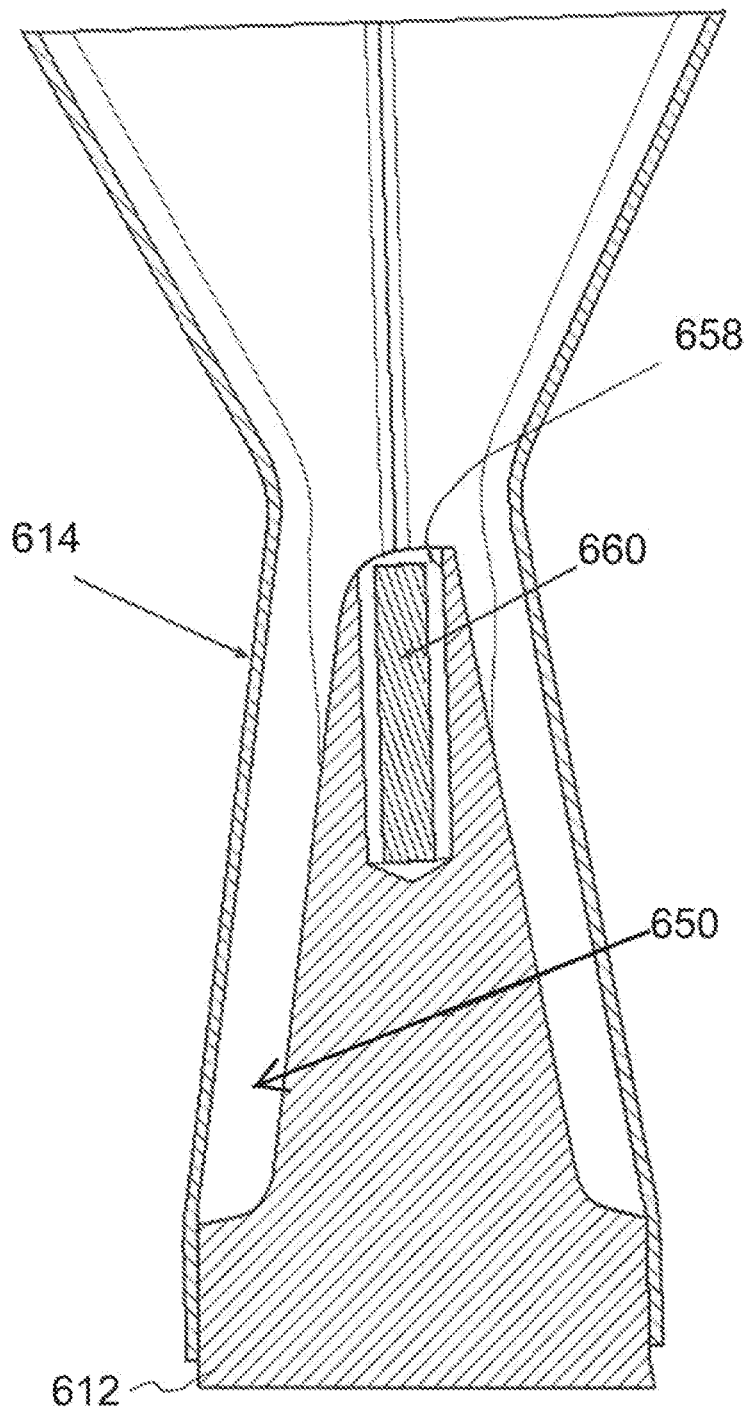


FIG. 36

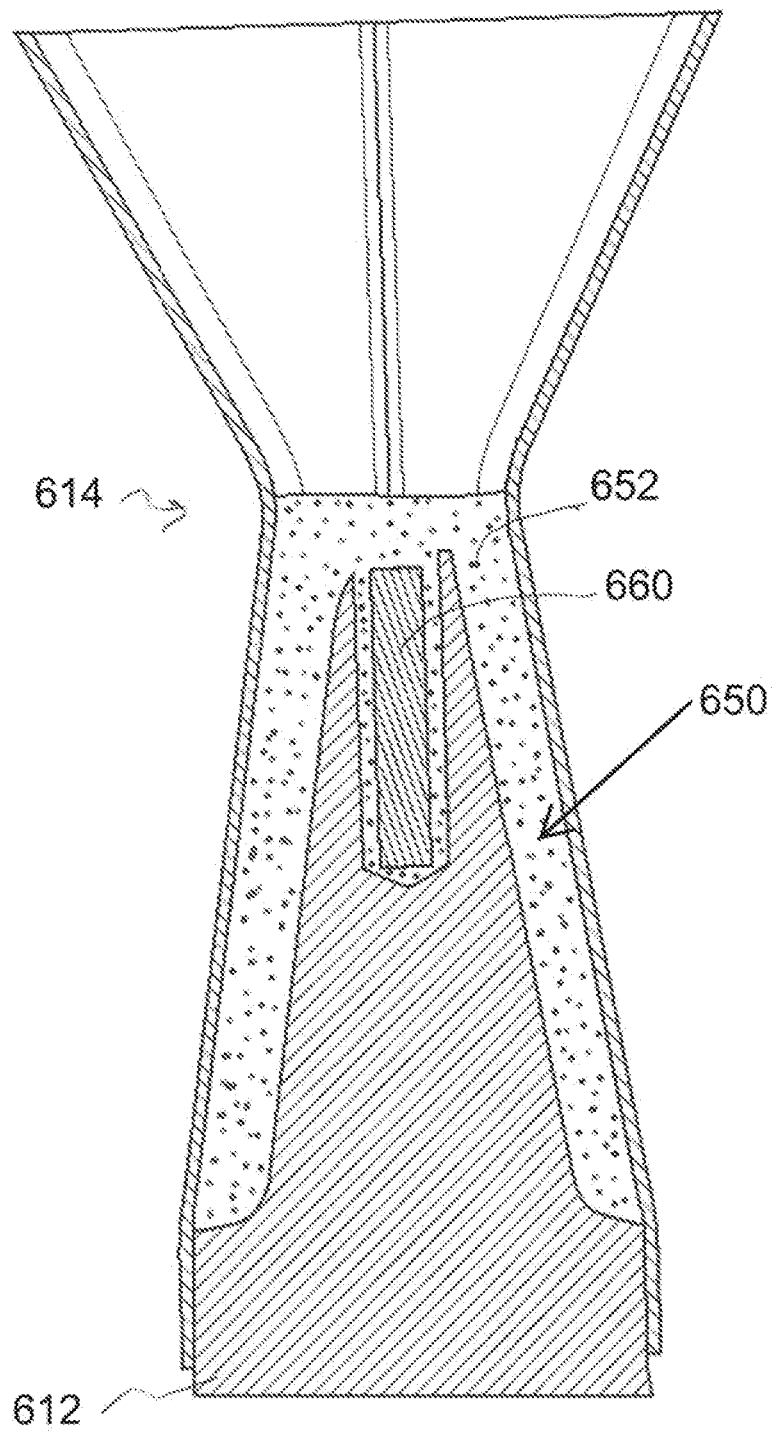


FIG. 37

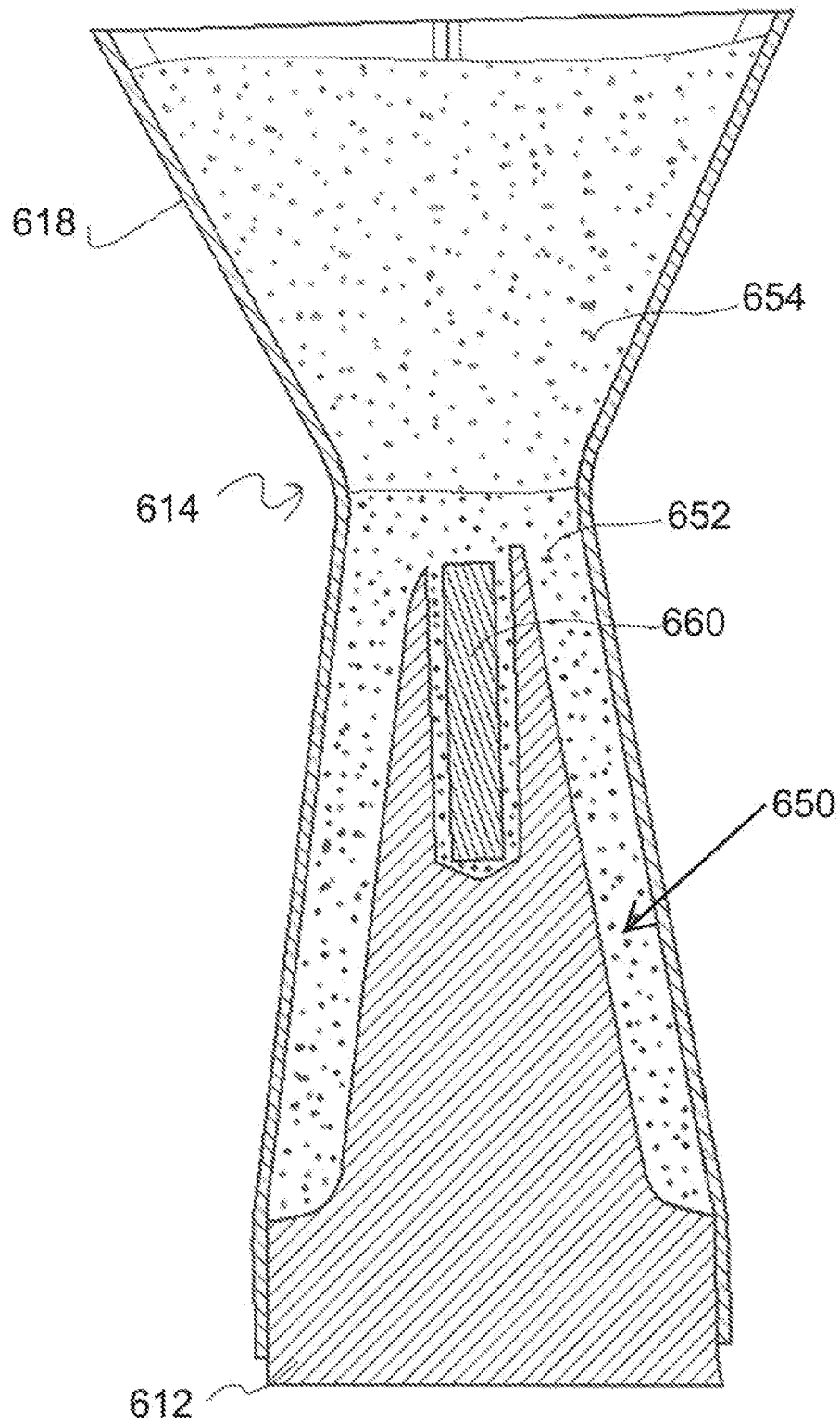


FIG. 38

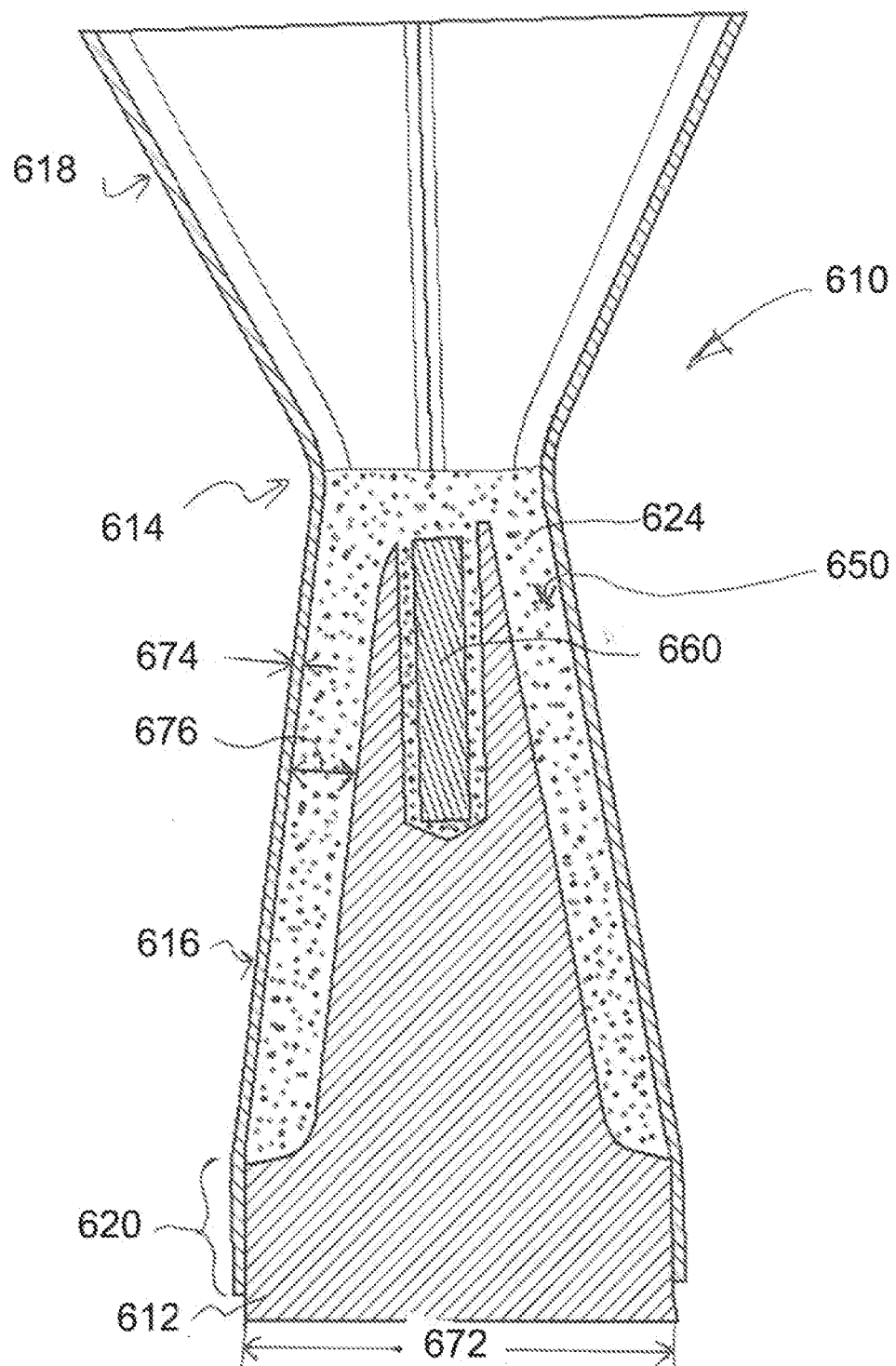
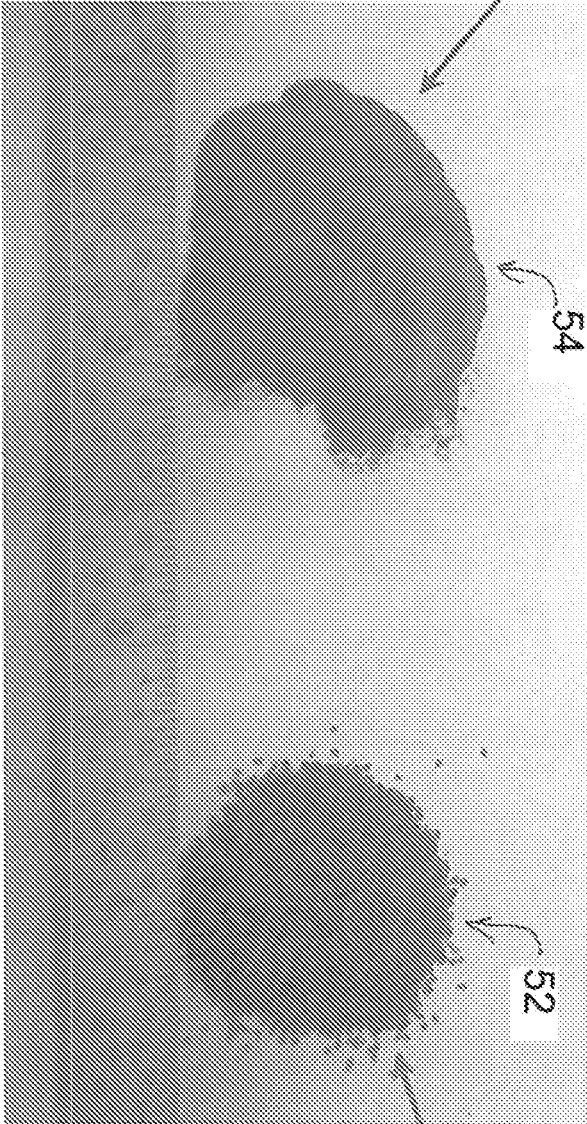


FIG. 39

Granular Carbide and Brazing Alloy Powder Poured into Shell

Ni-Cr-Si-B
brazing alloy
powder.
Class BNi-2 per
AWS A5.18.

Wt-%	
Cr	7.00
Si	4.50
B	3.10
Fe	3.00
C	0.06
Ni	Bal.

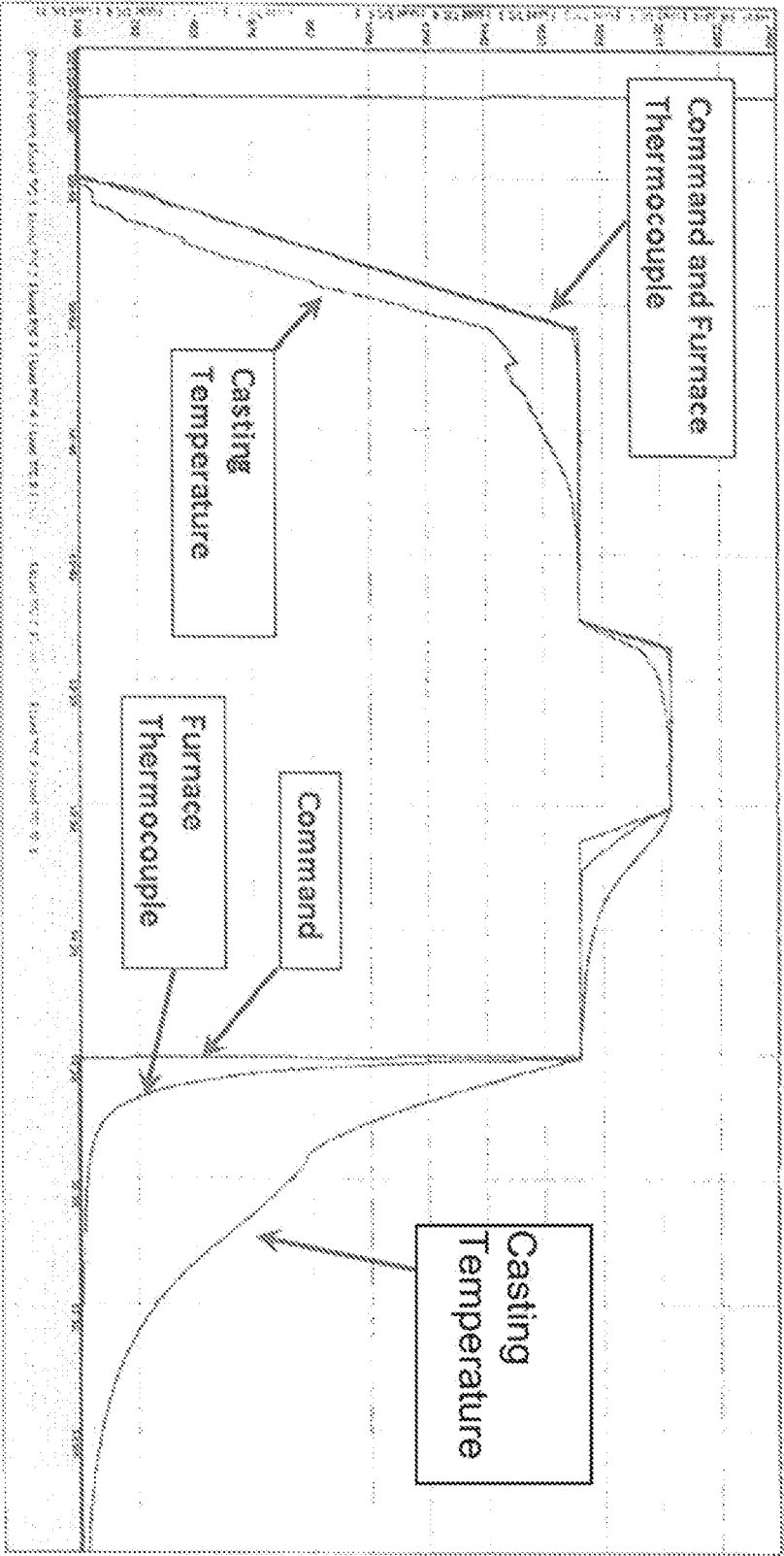


Crushed sintered
carbide. Recycled
machine tool inserts.
-50 to +70 Mesh.

Wt-%	
WC	82
TiC	10
Co	8

FIG. 40

Thermal Cycle in Furnace



7 Hour Cycle

FIG. 41

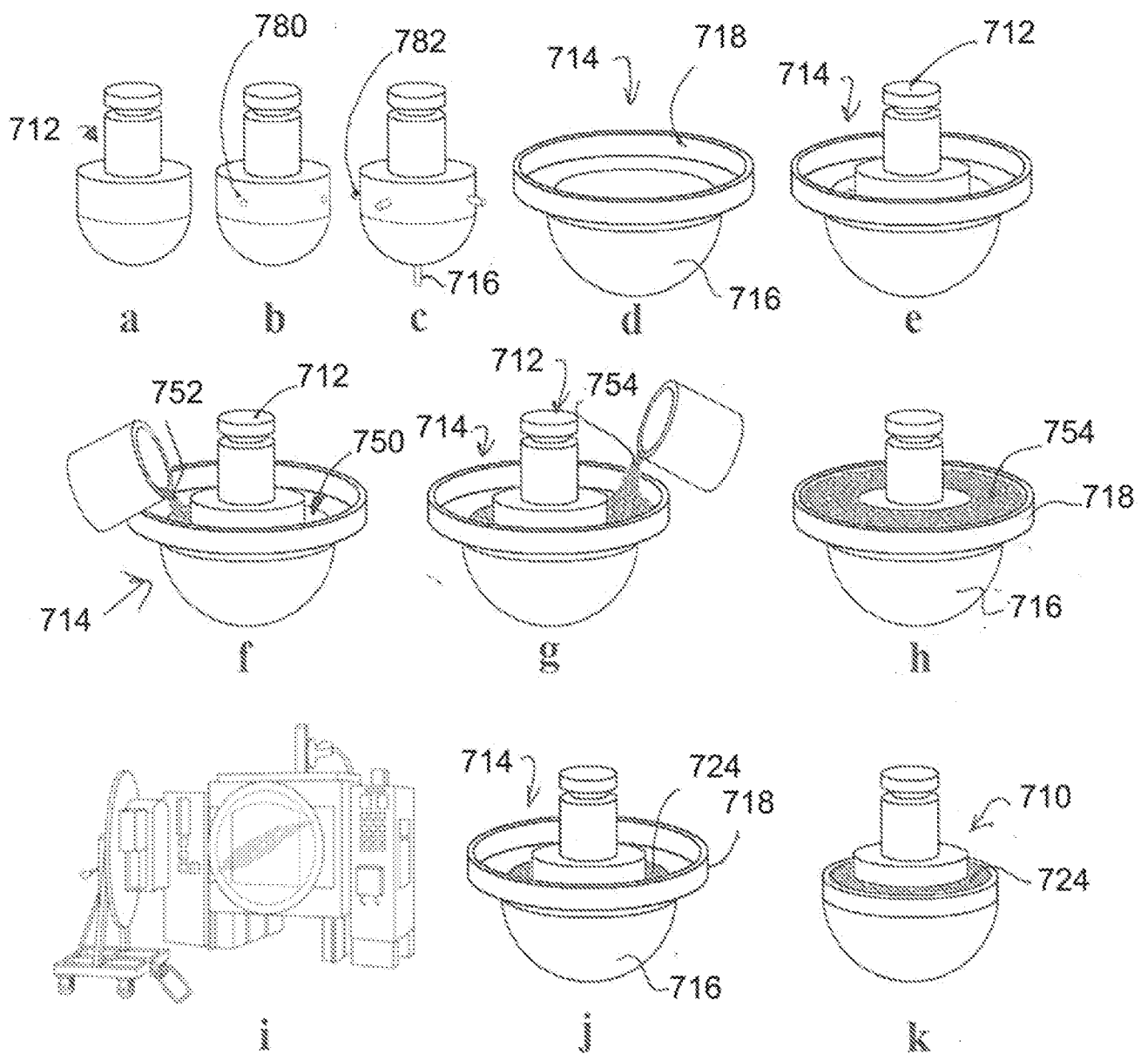


FIG. 42

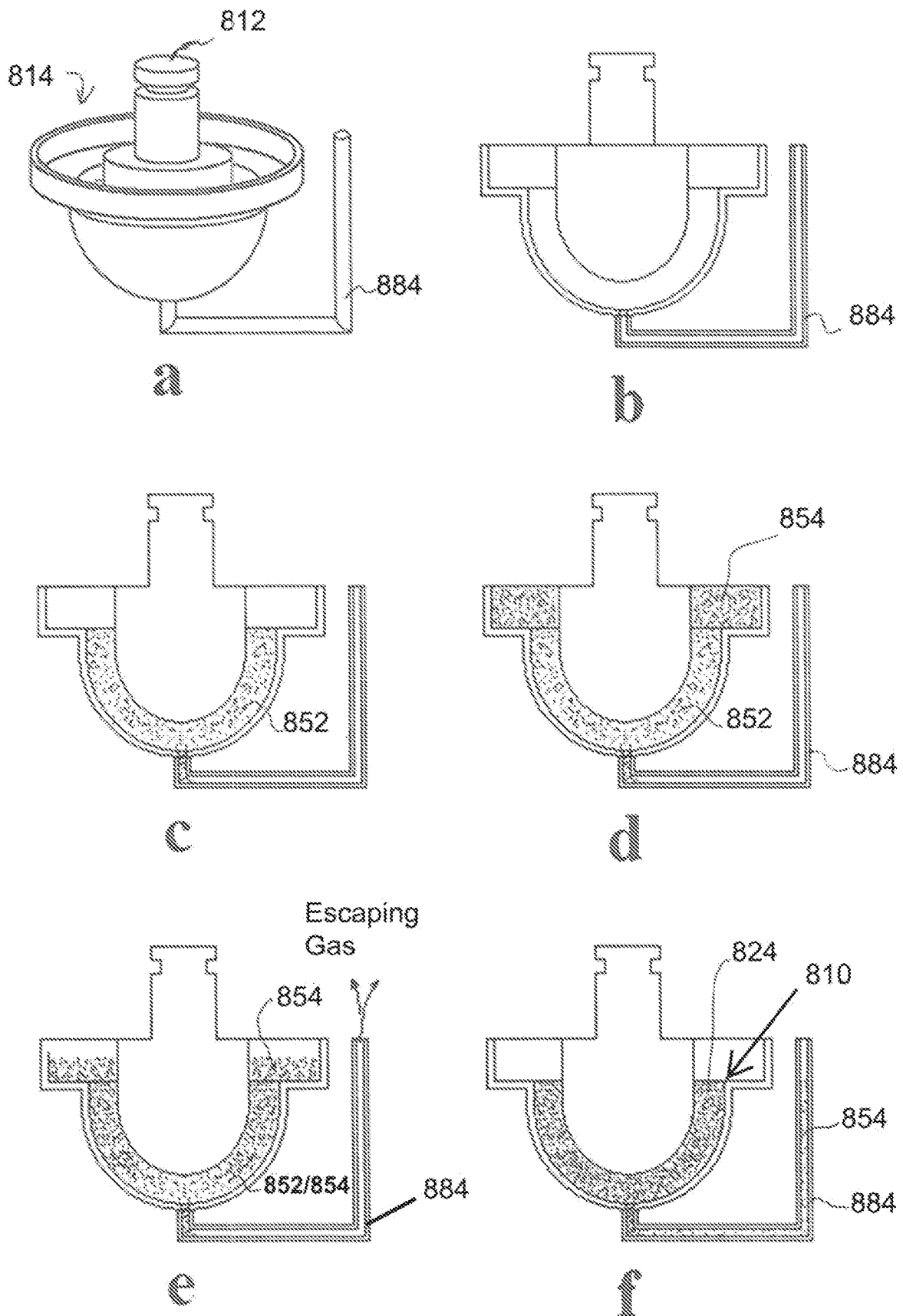


FIG. 43

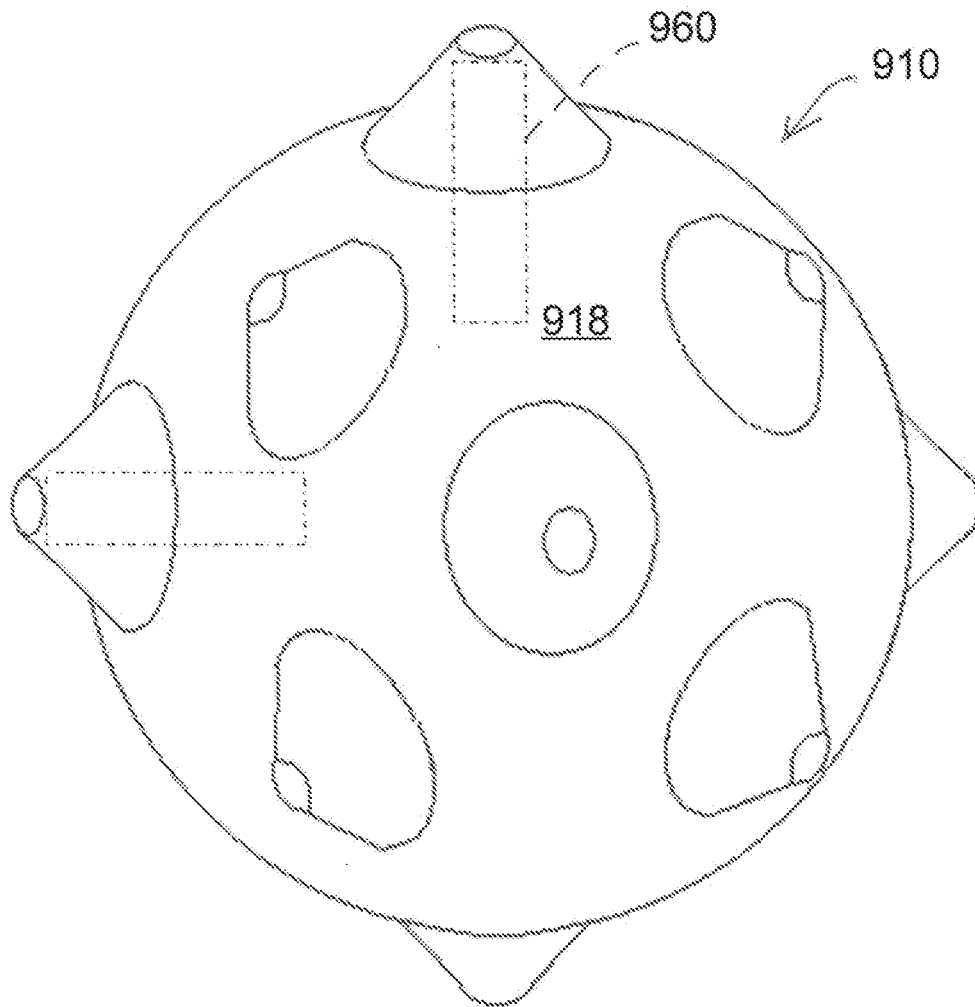


FIG. 44

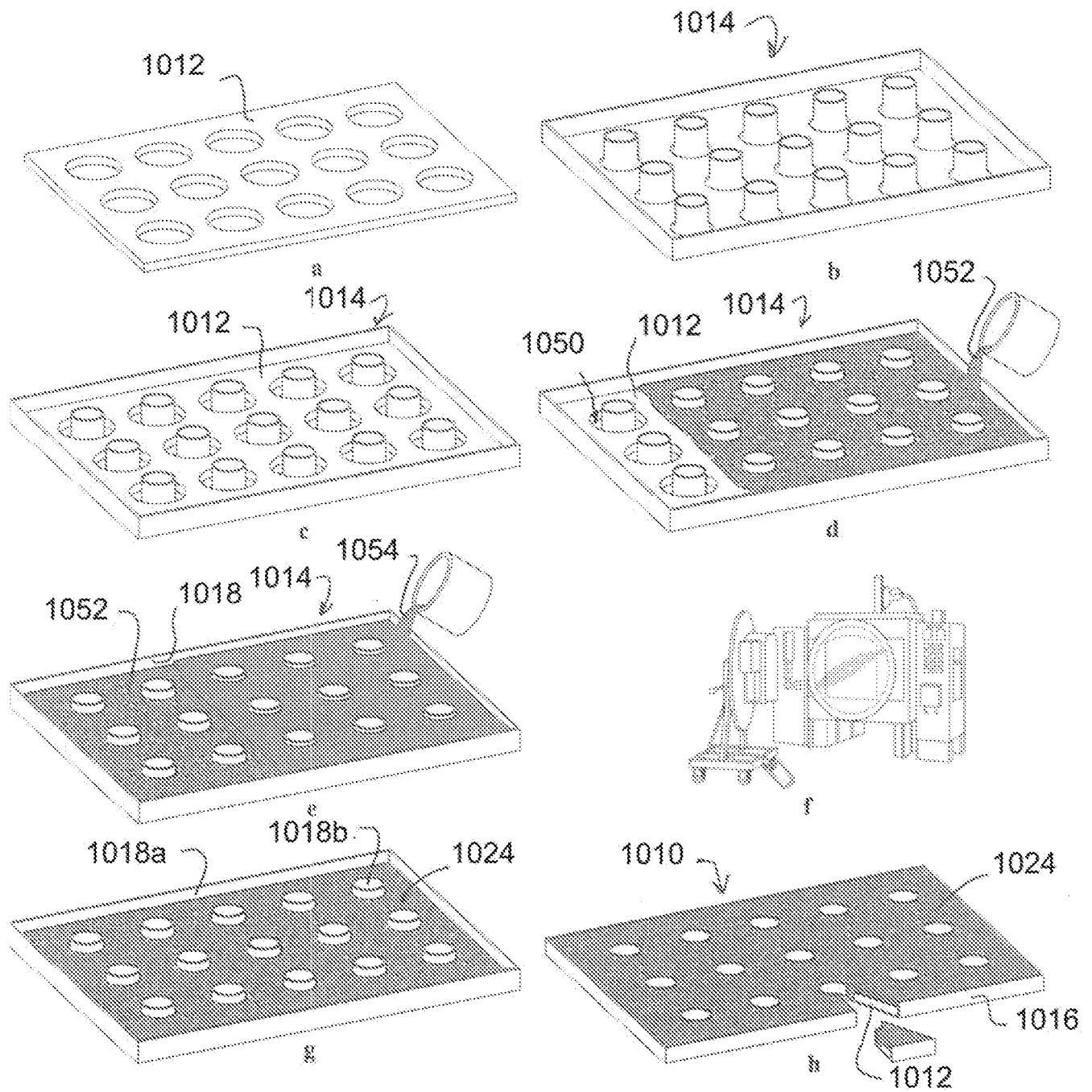


FIG. 45