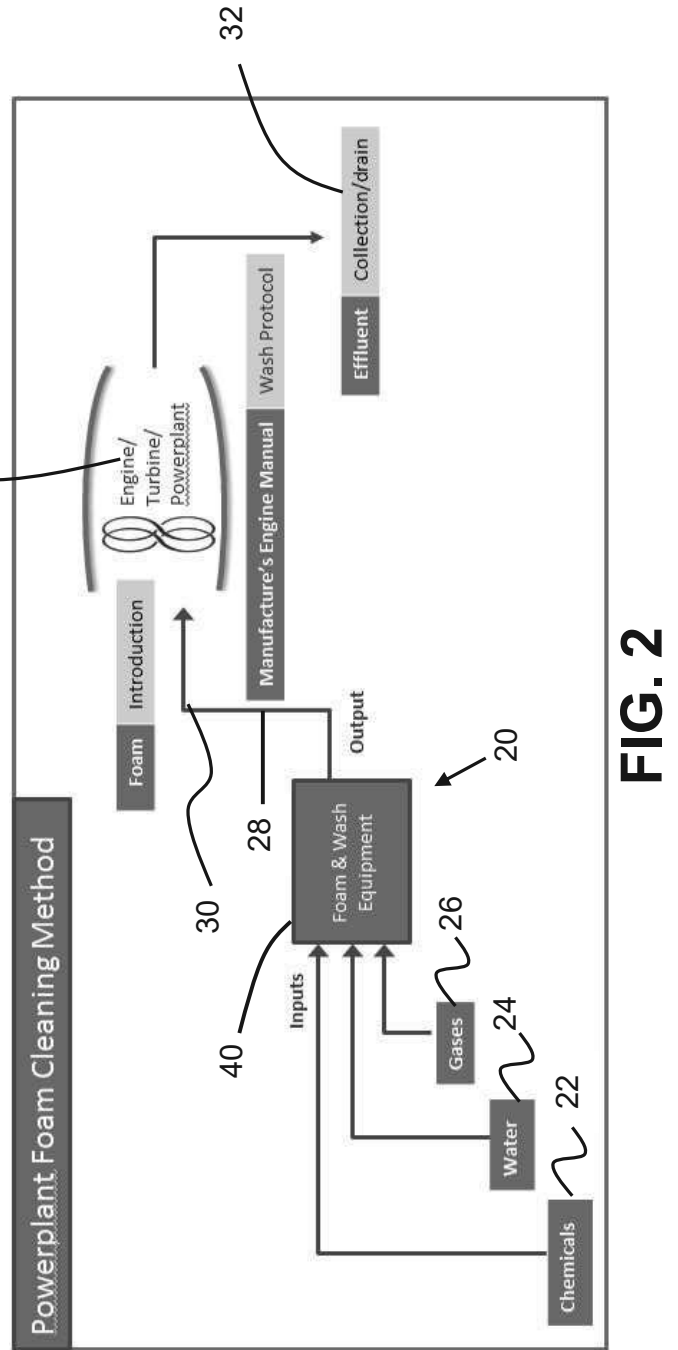
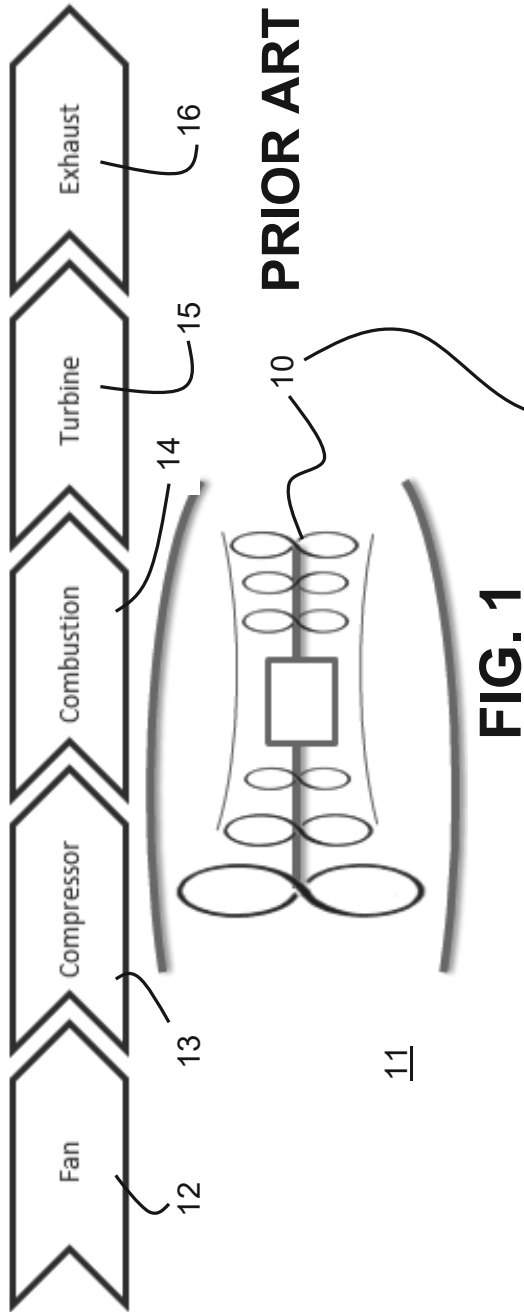




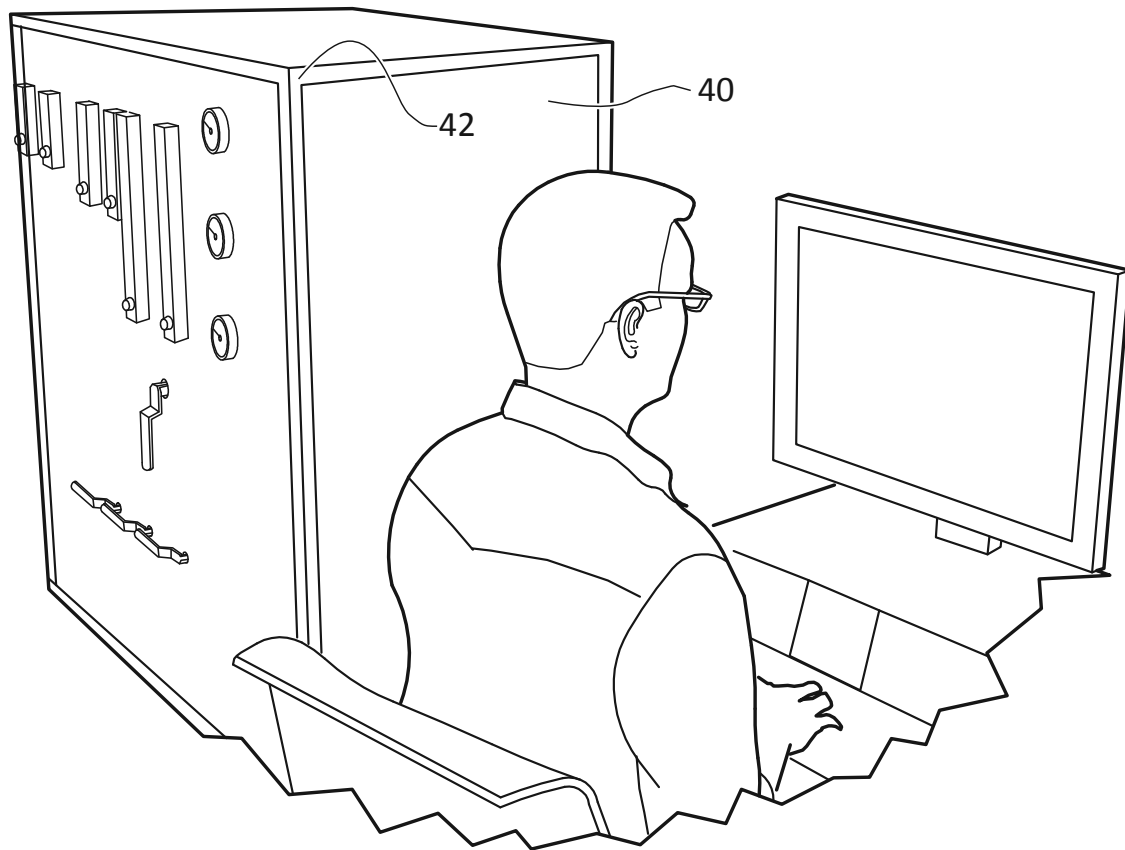


FIG. 3A

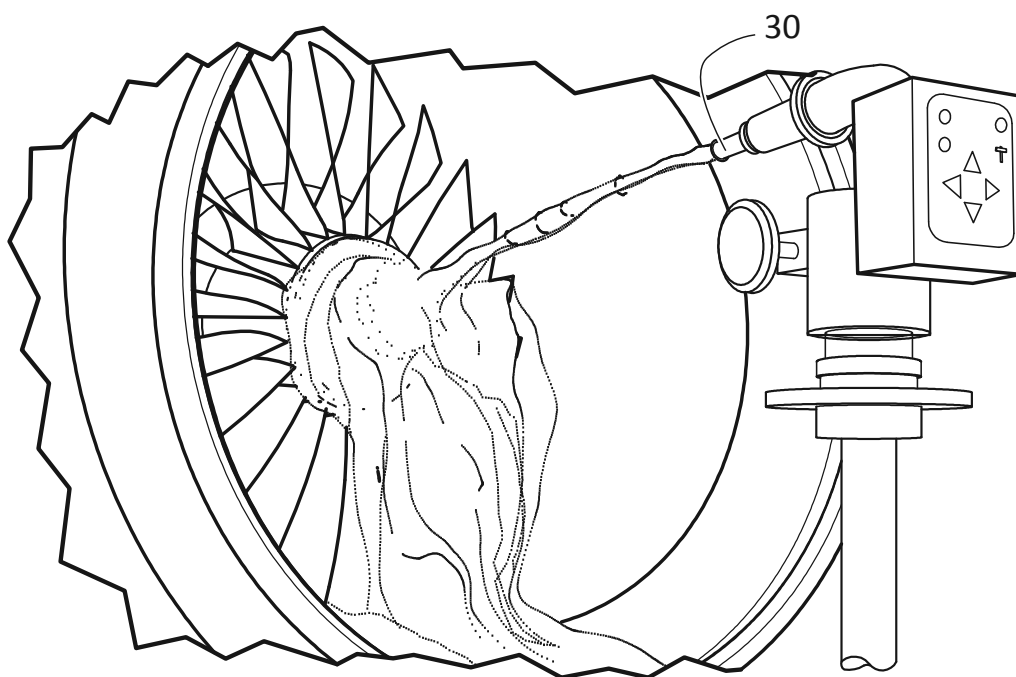


FIG. 3B

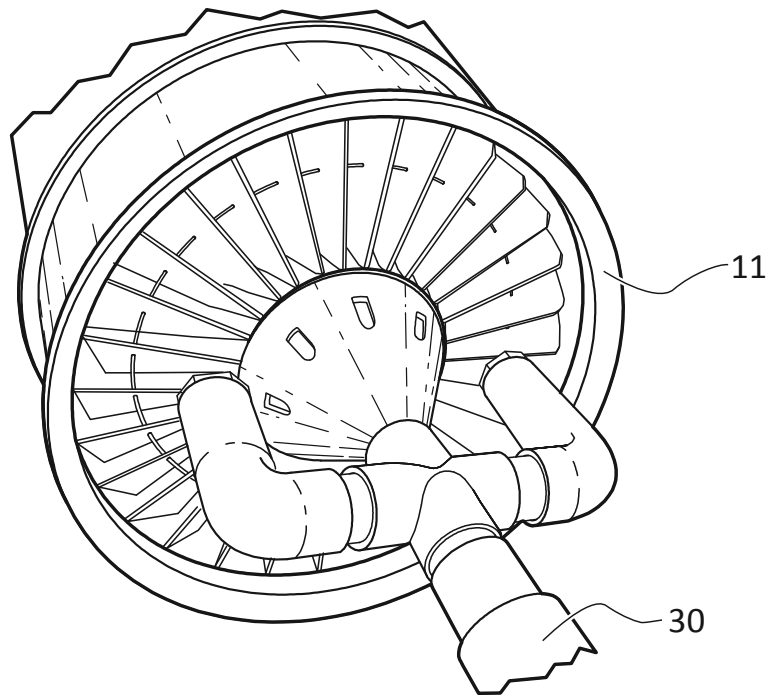


FIG. 3C

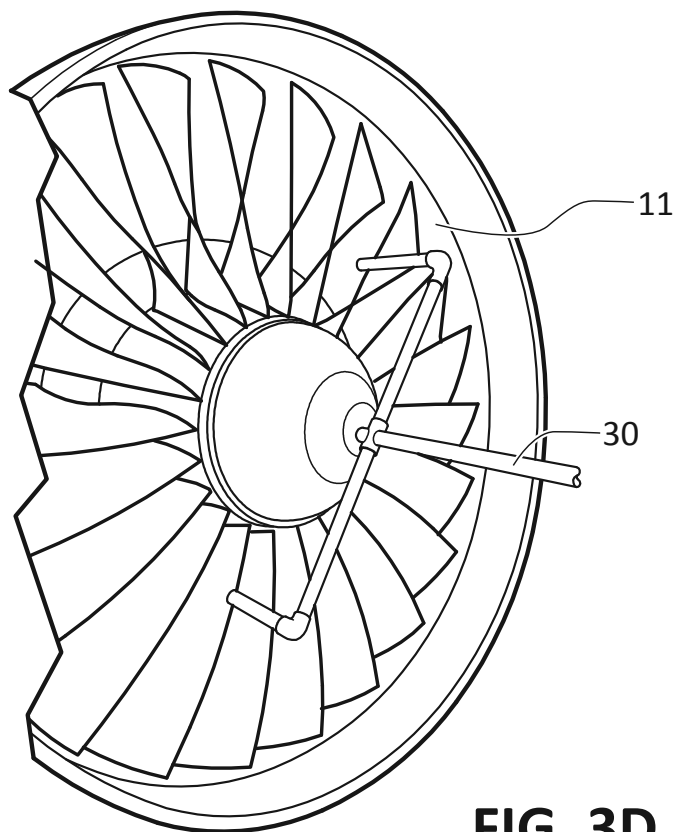


FIG. 3D

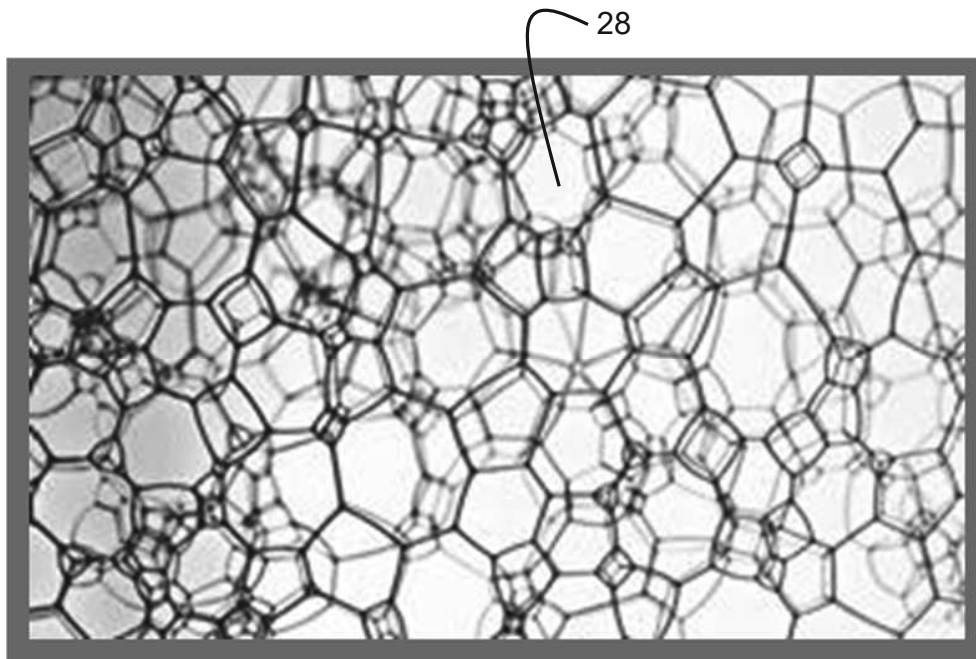


FIG. 4

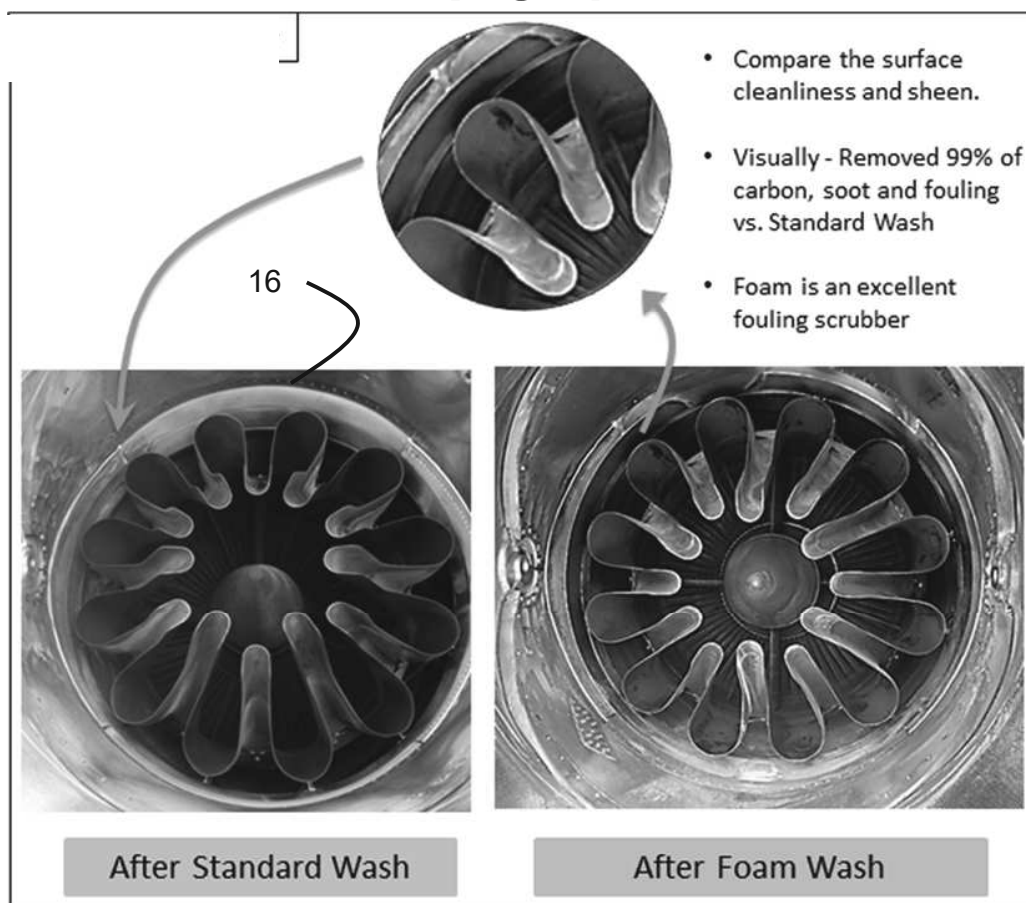


FIG. 5

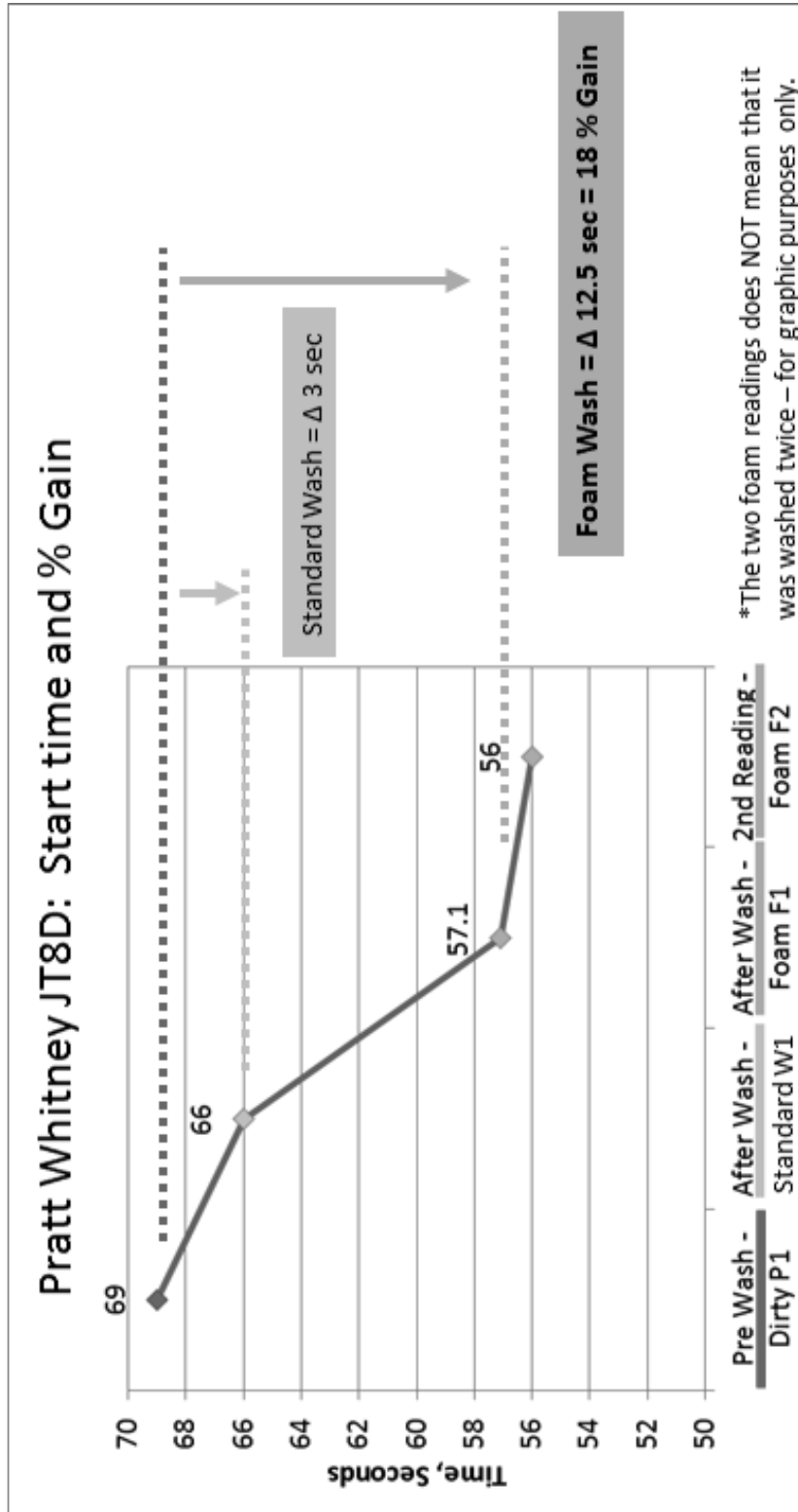


FIG. 6

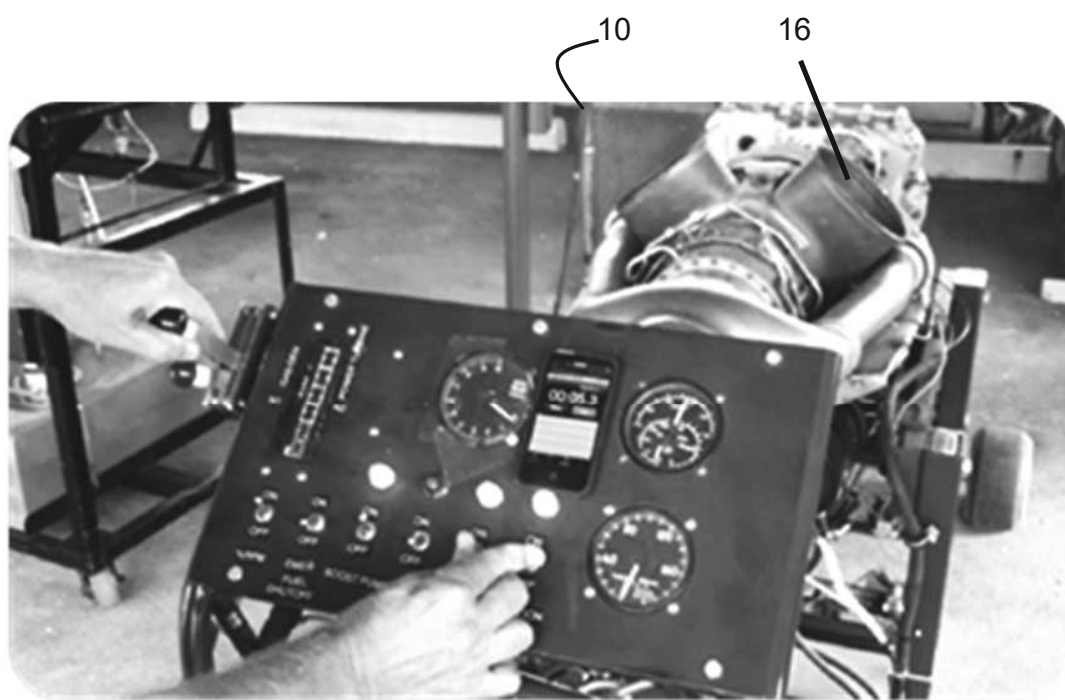


FIG. 7

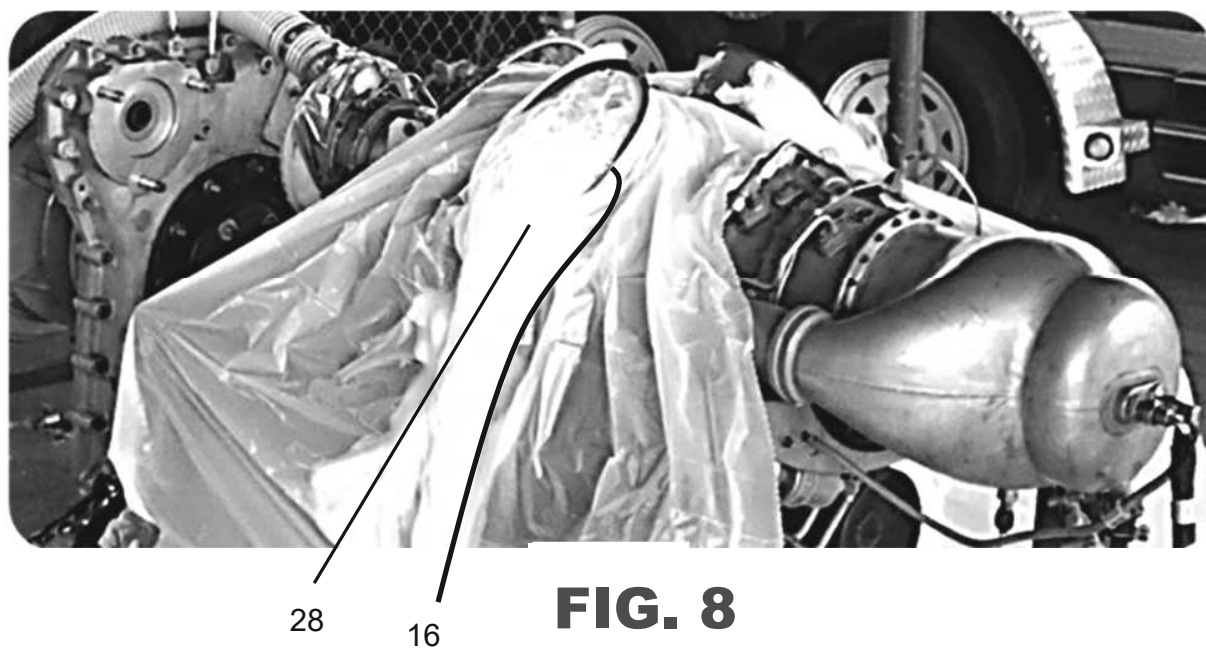


FIG. 8

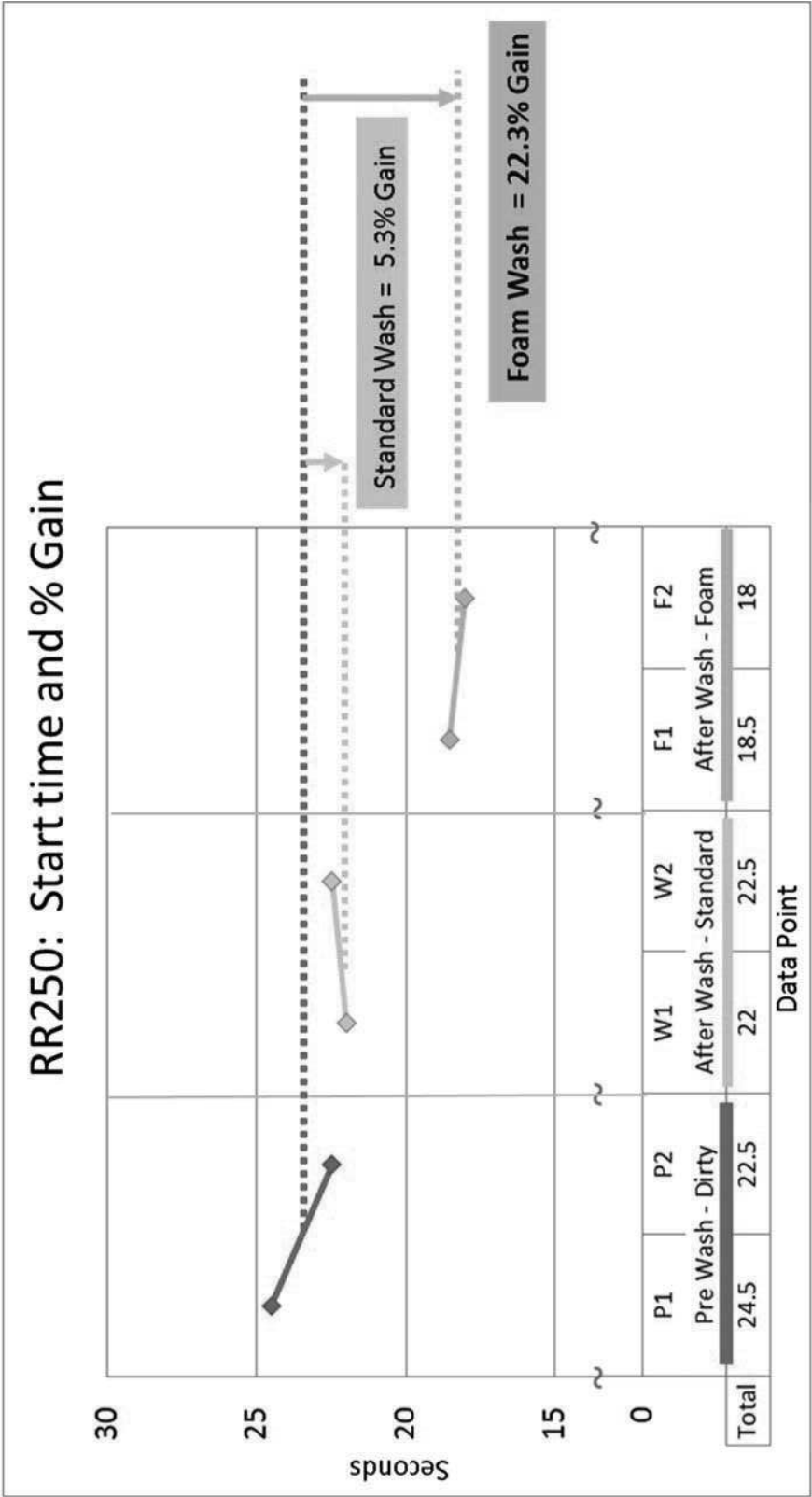


FIG. 9

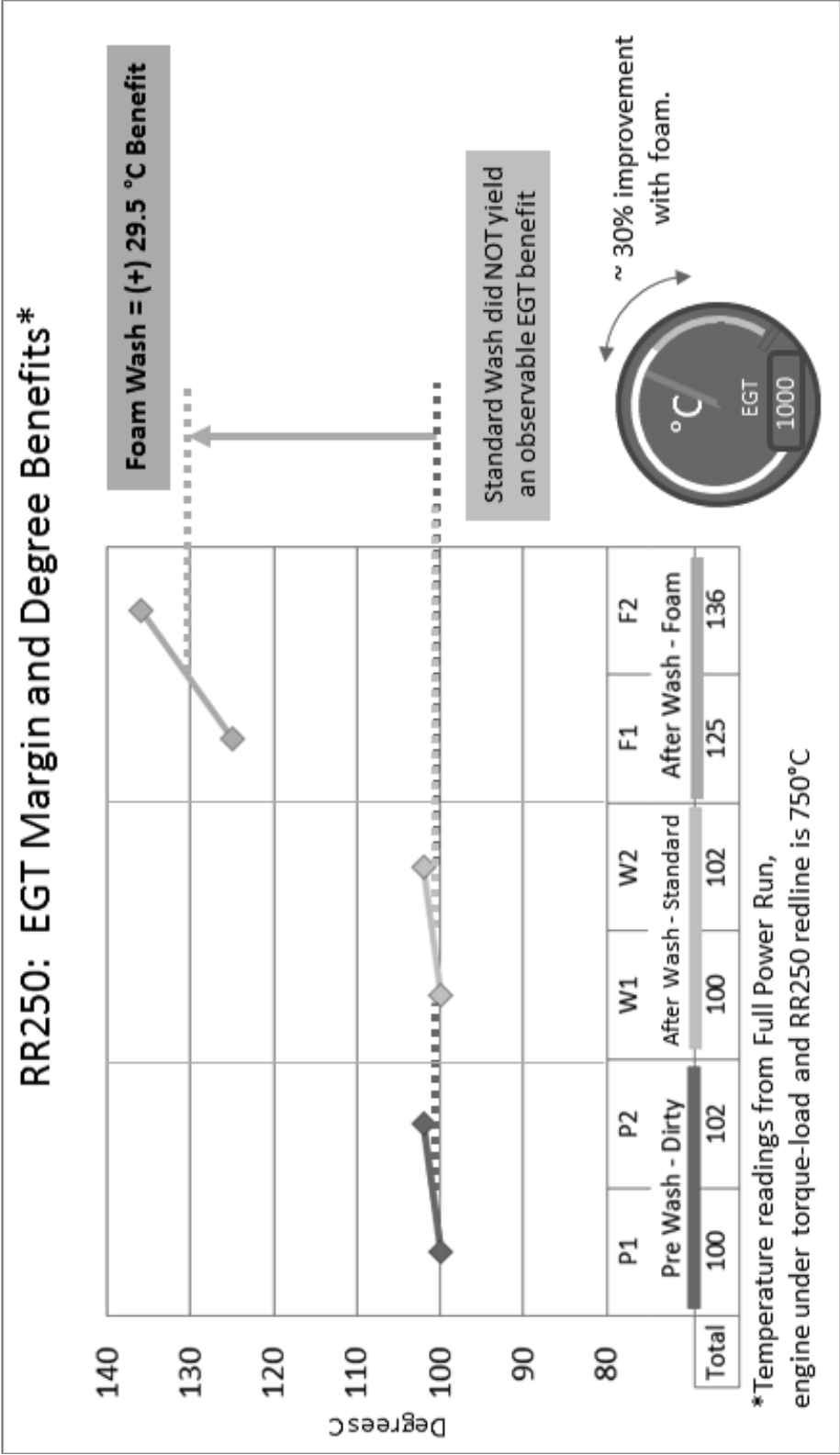


FIG. 10

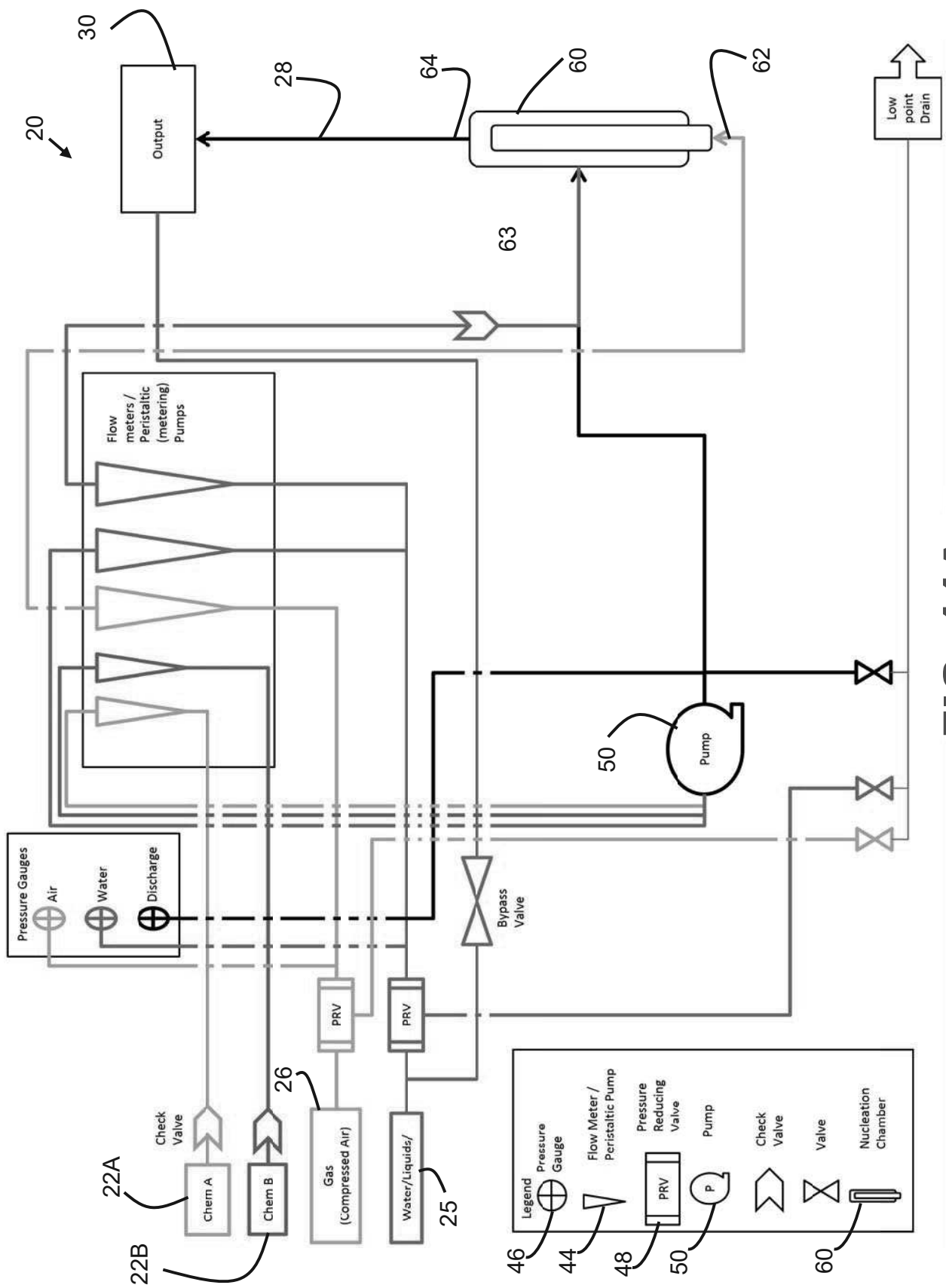


FIG. 11A

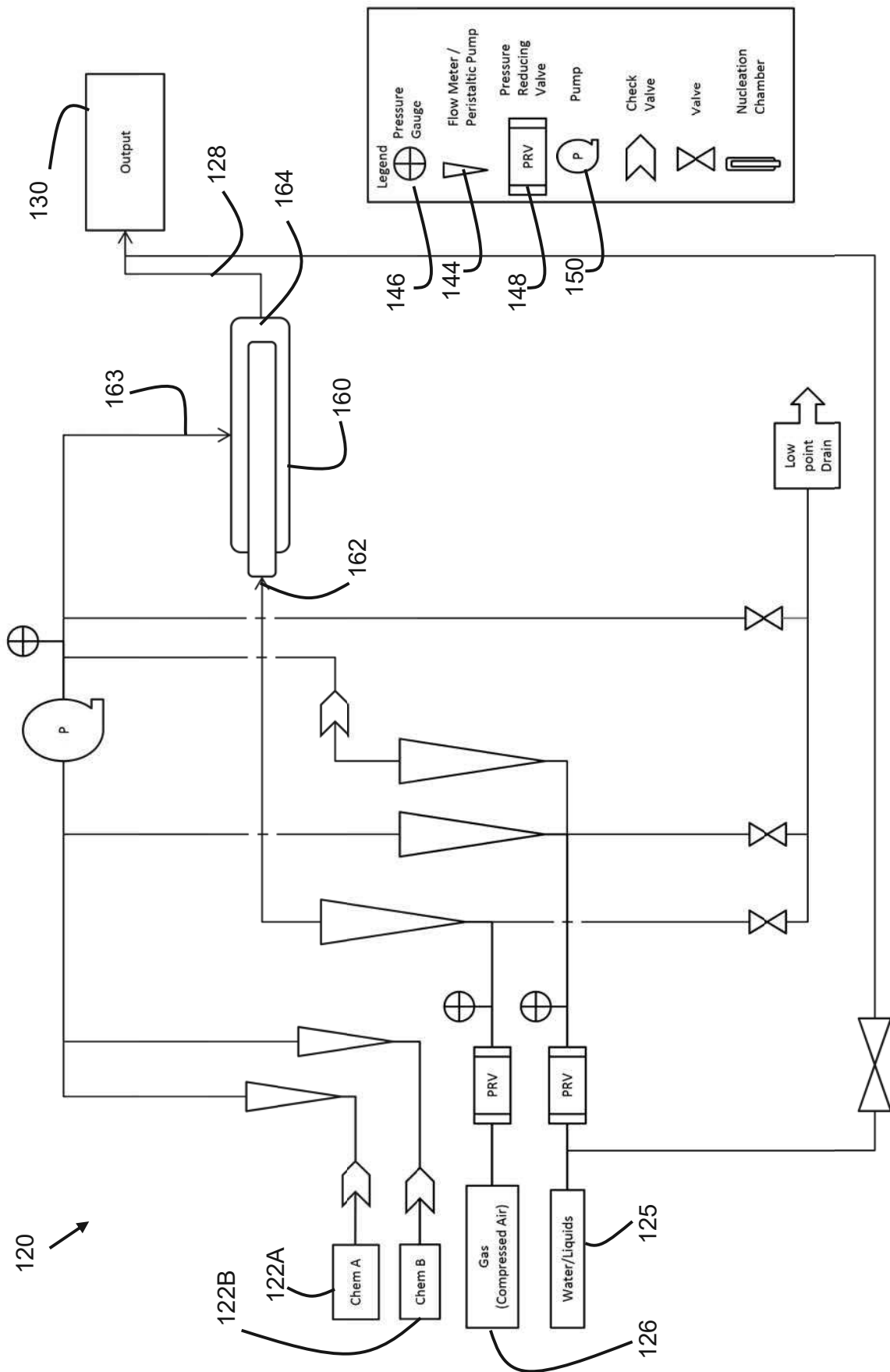


FIG. 11B

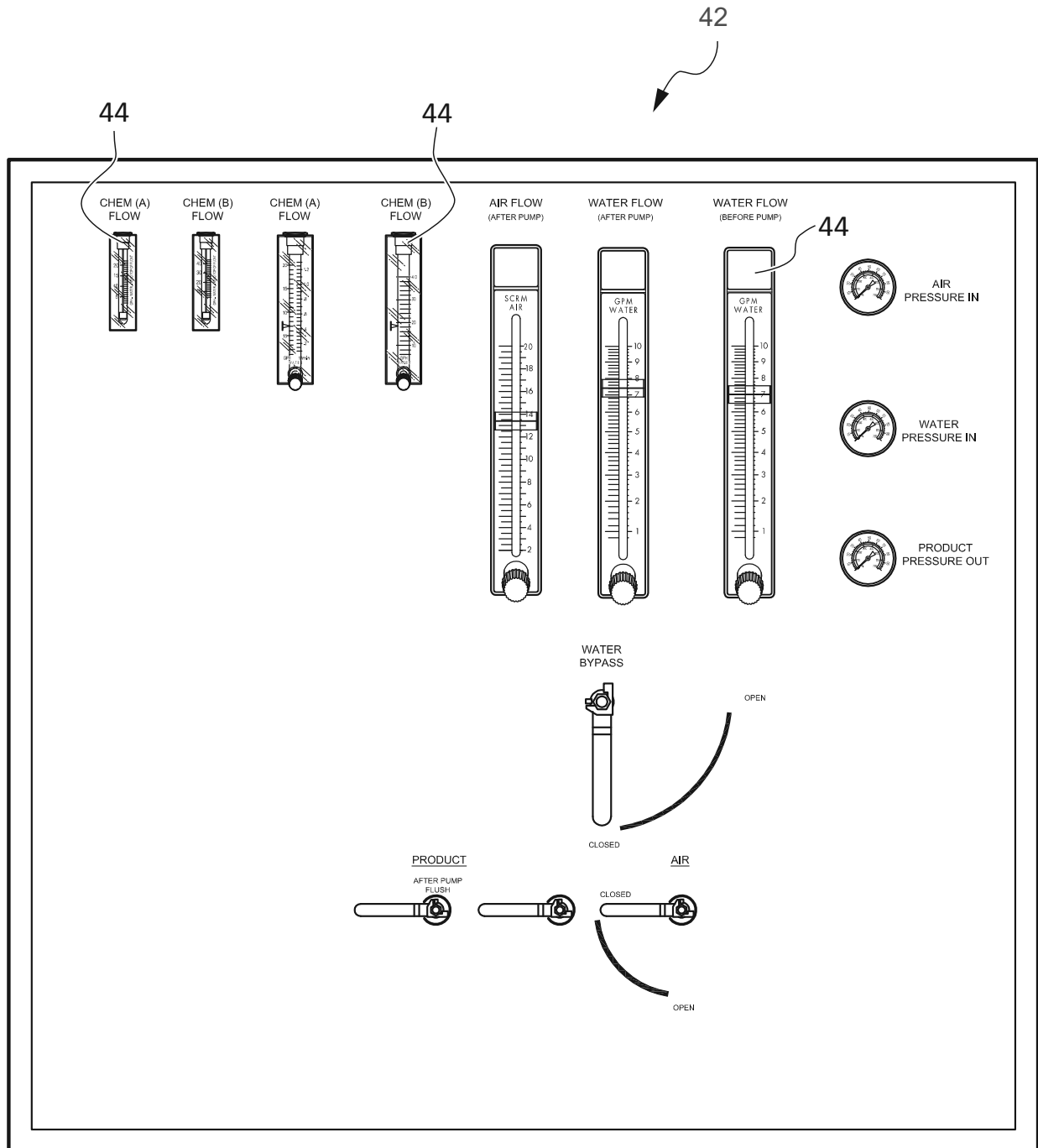


FIG. 12A

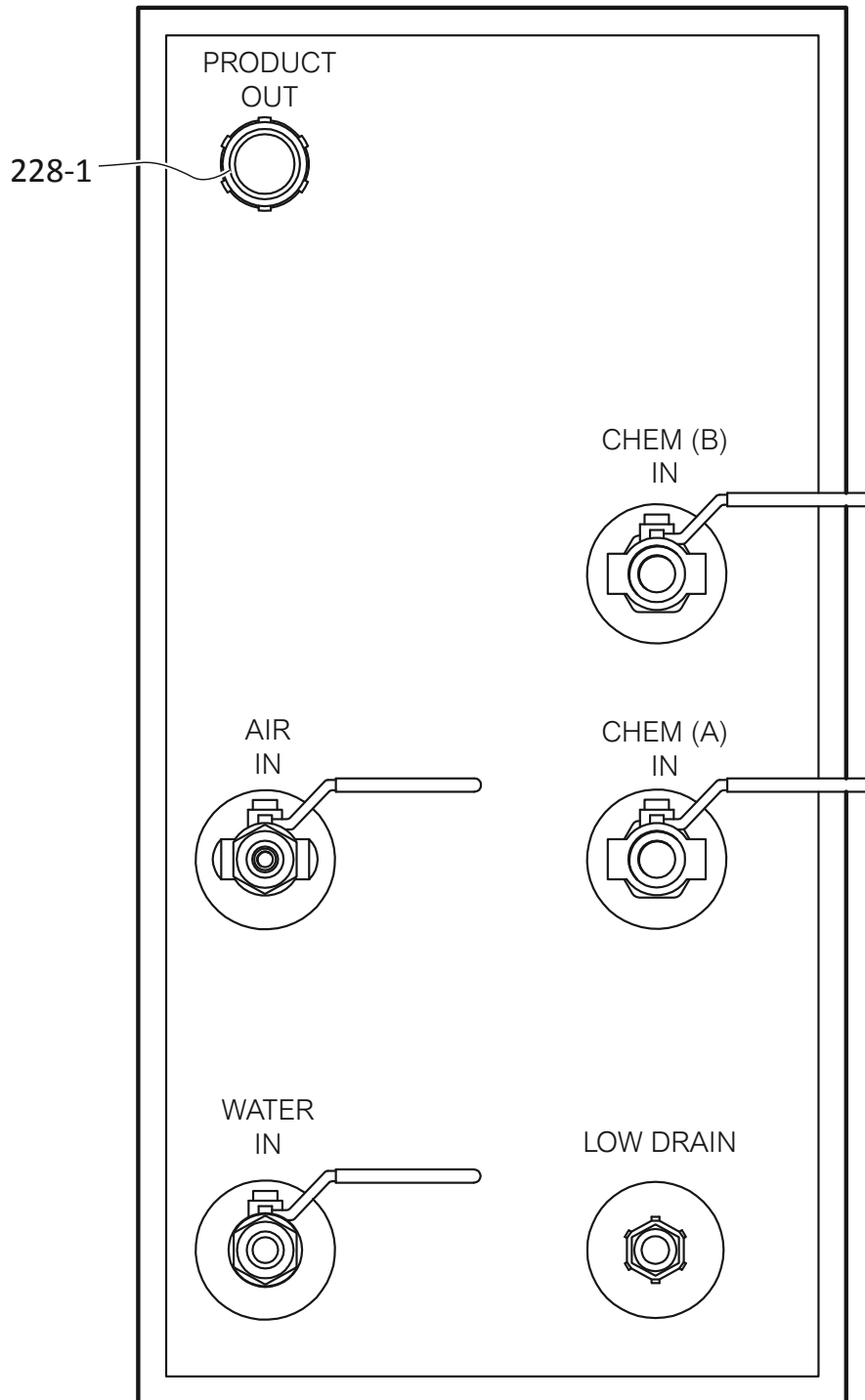


FIG. 12B

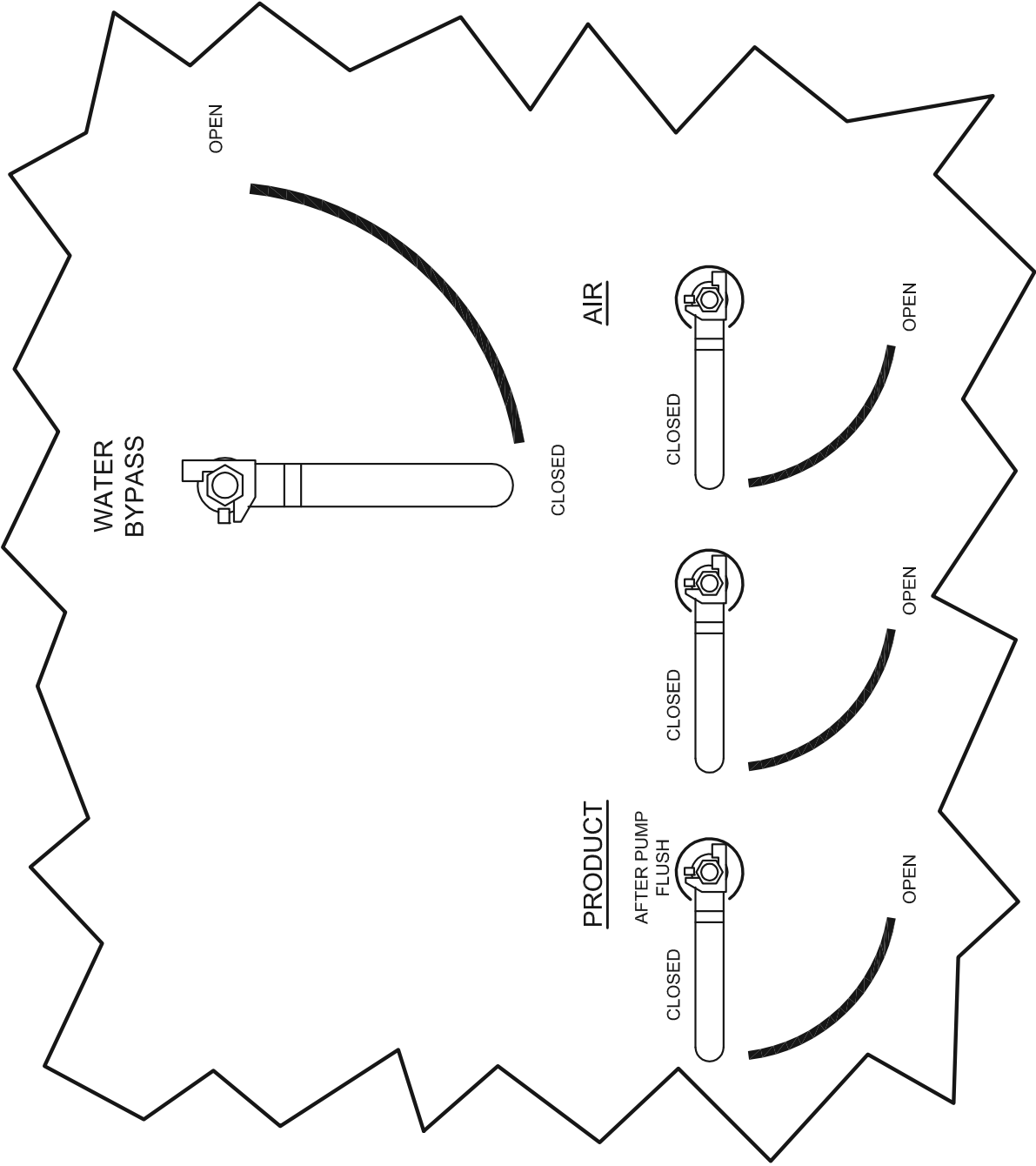


FIG. 12C

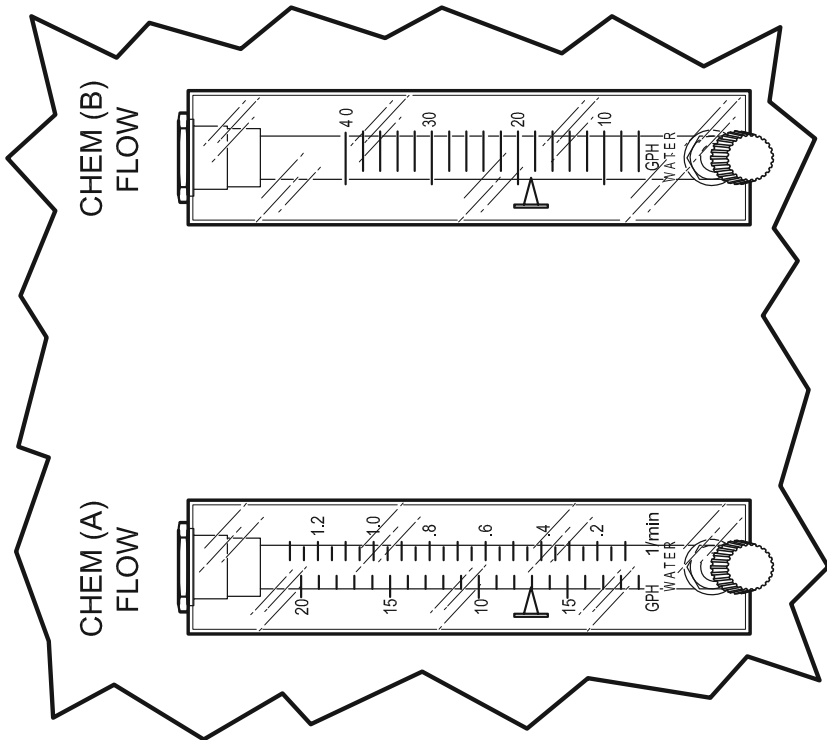


FIG. 13B

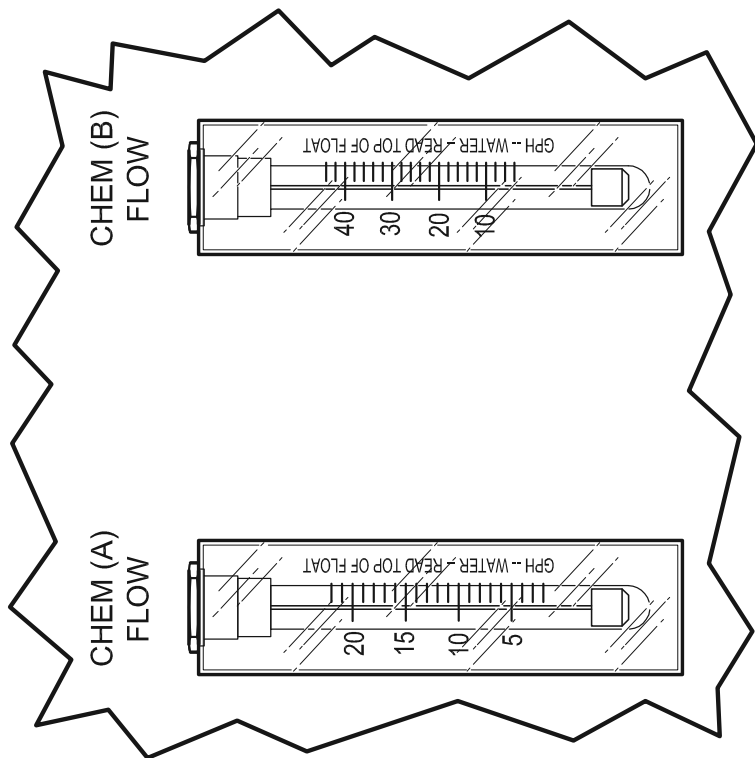
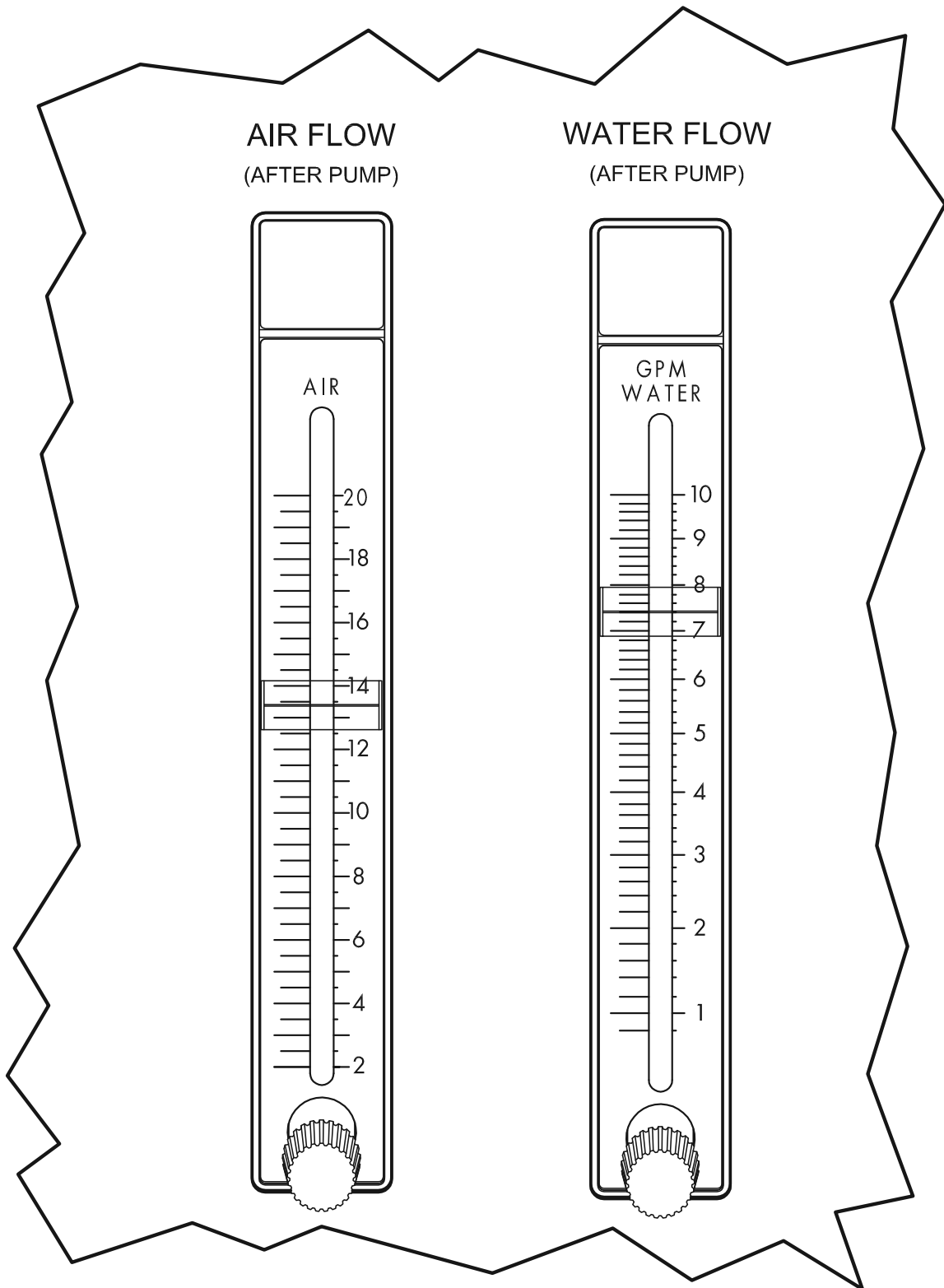


FIG. 13A

**FIG. 13C**

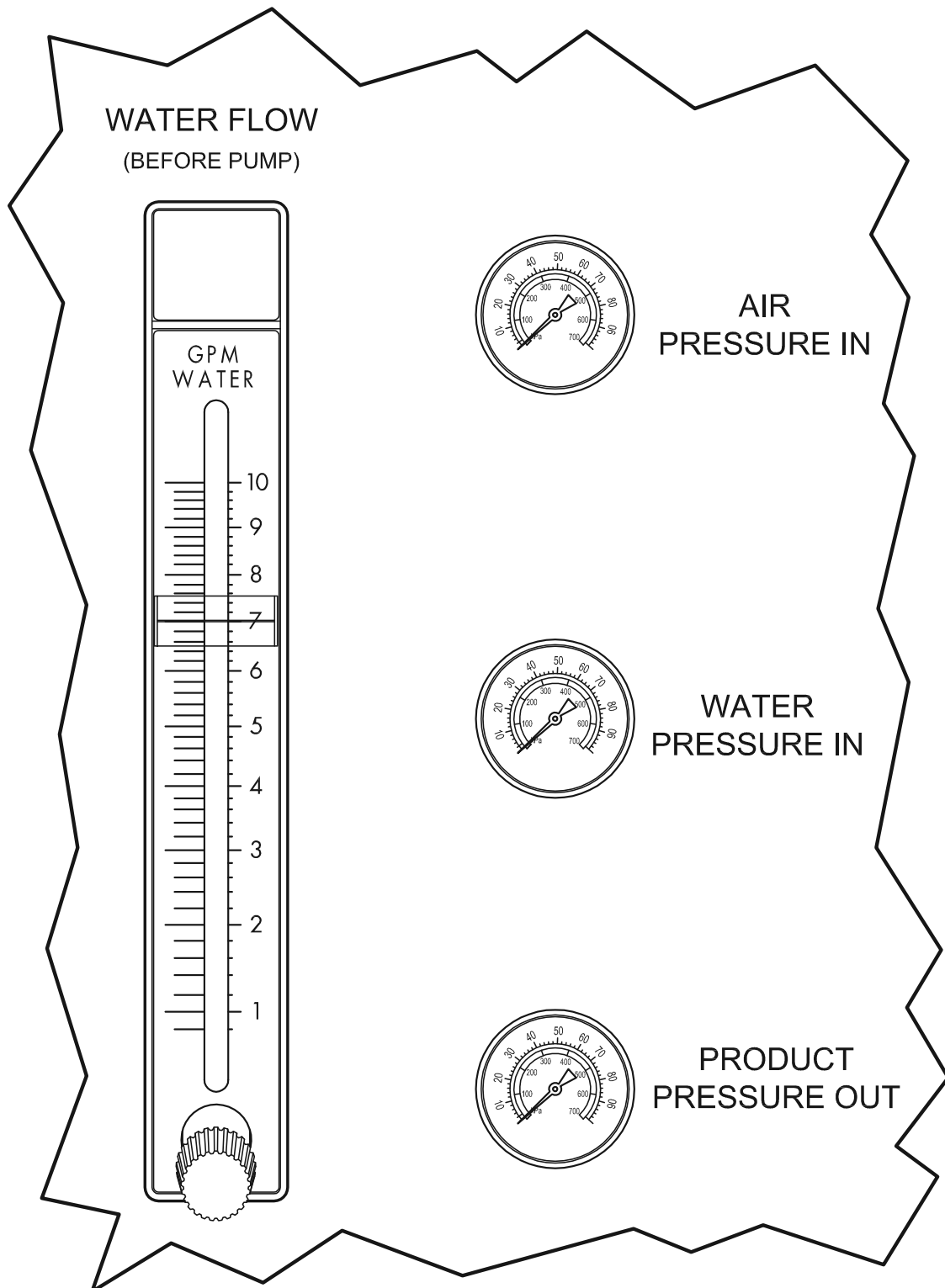


FIG. 13D

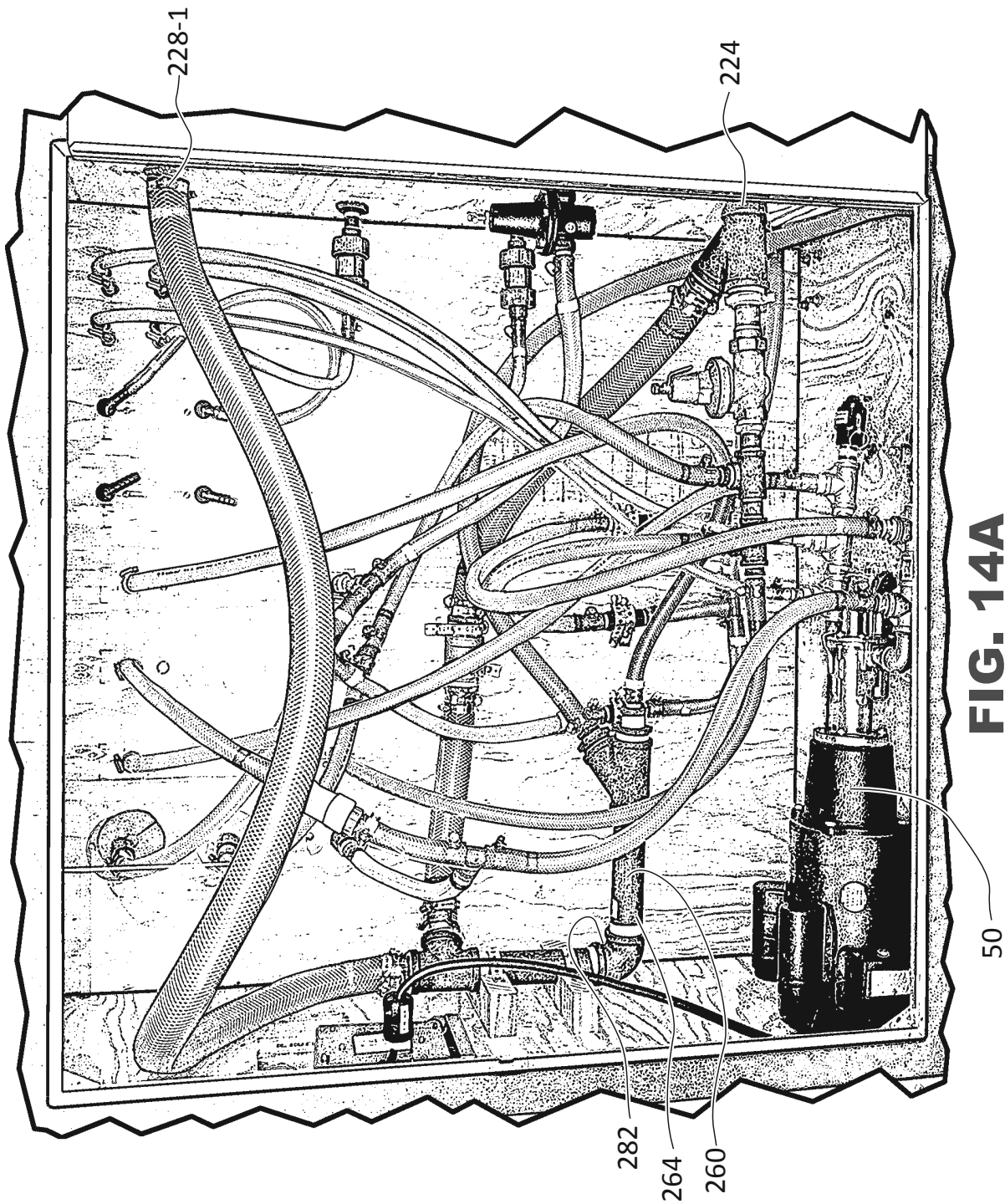


FIG. 14A

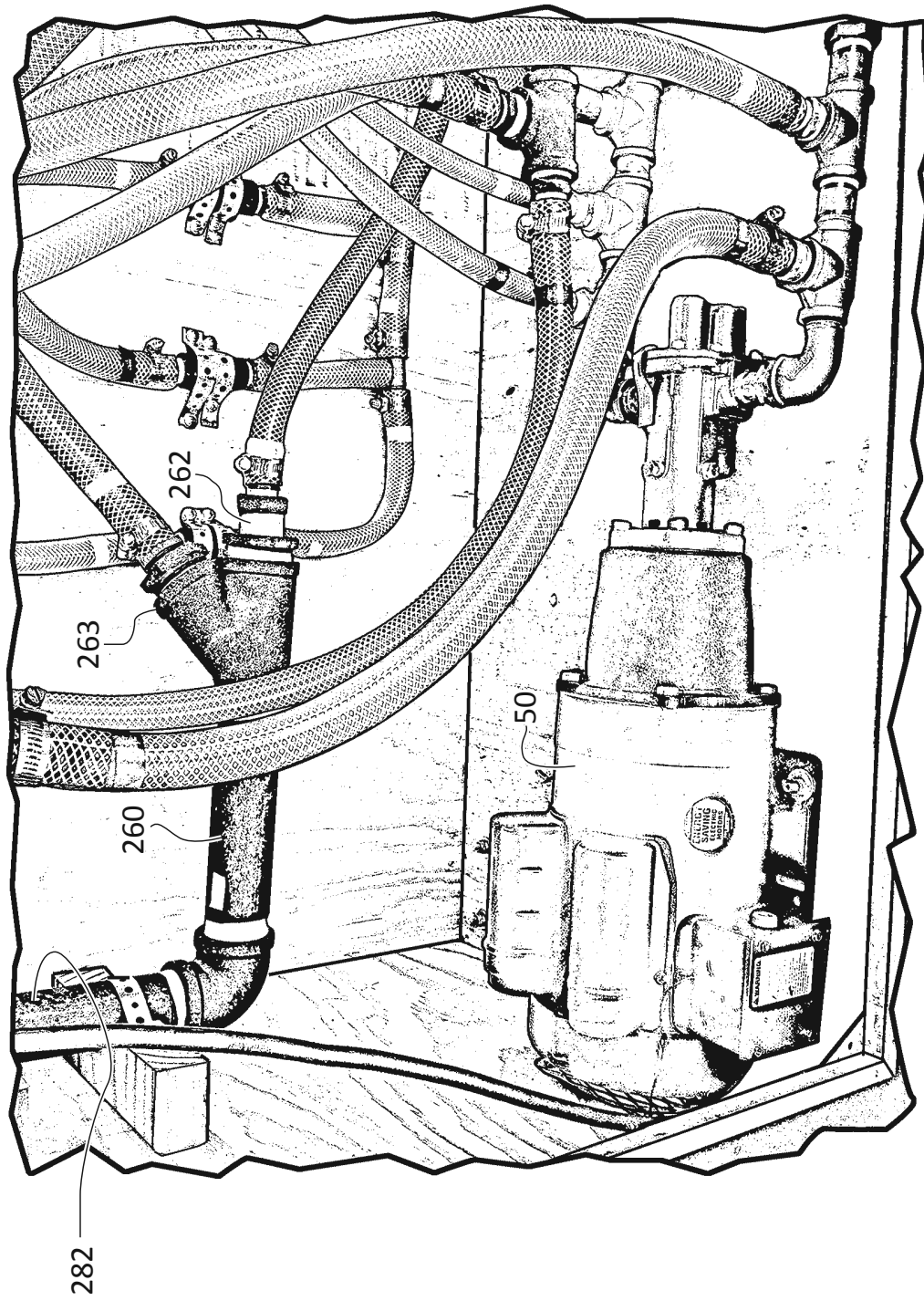


FIG. 14B

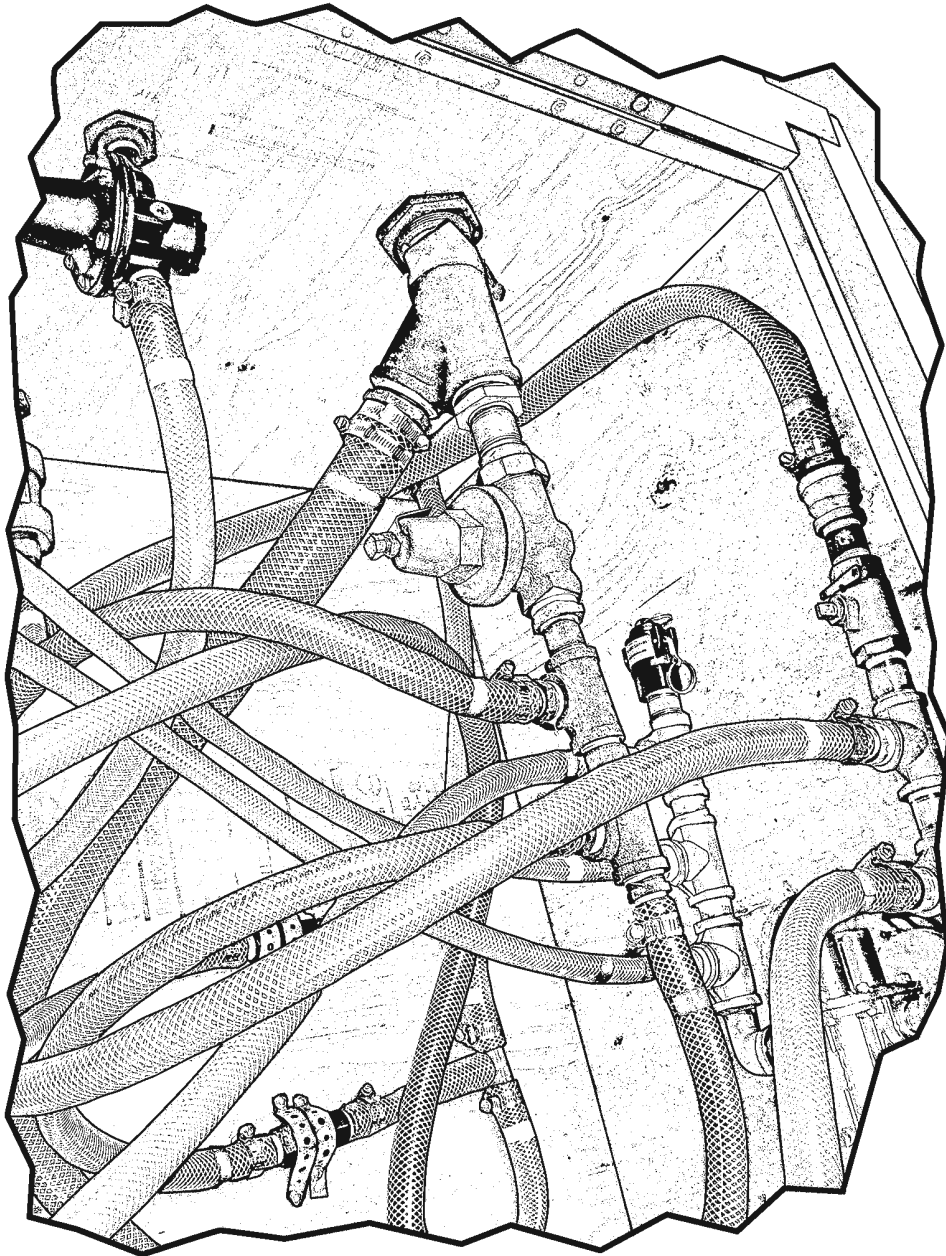


FIG. 14C

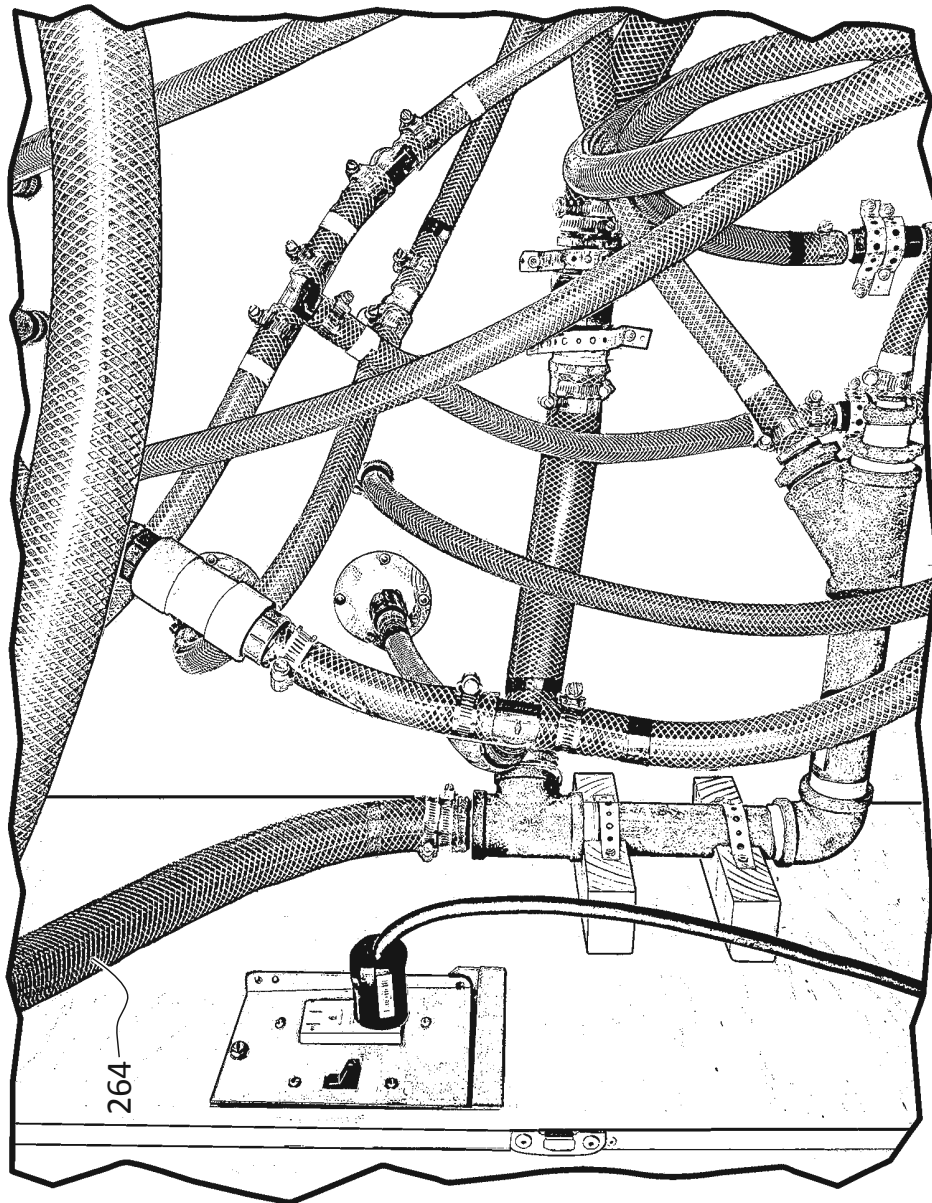


FIG. 14D

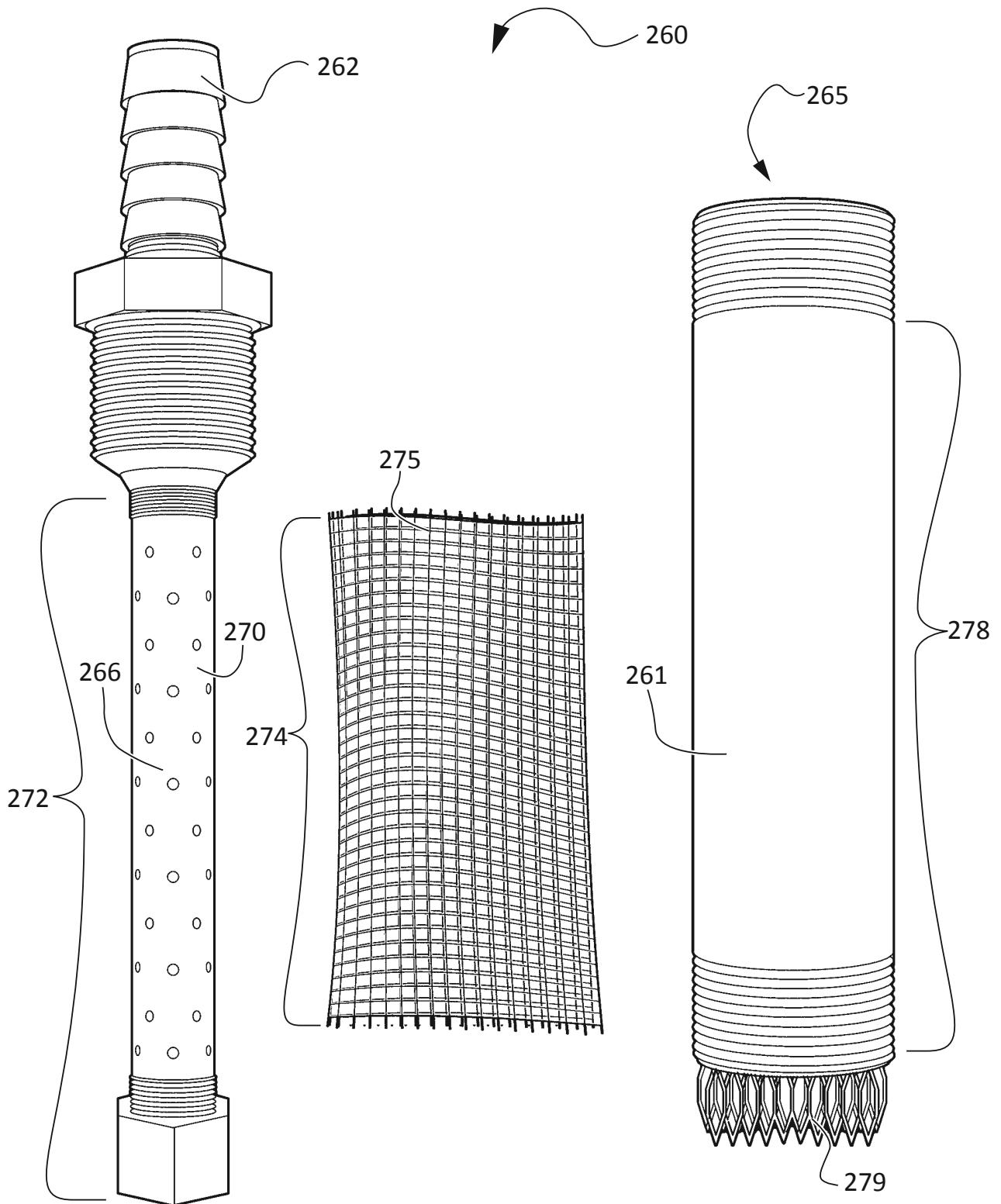


FIG. 15A

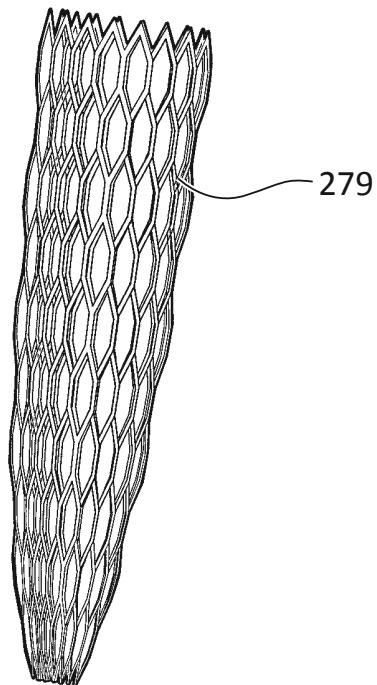


FIG. 15B



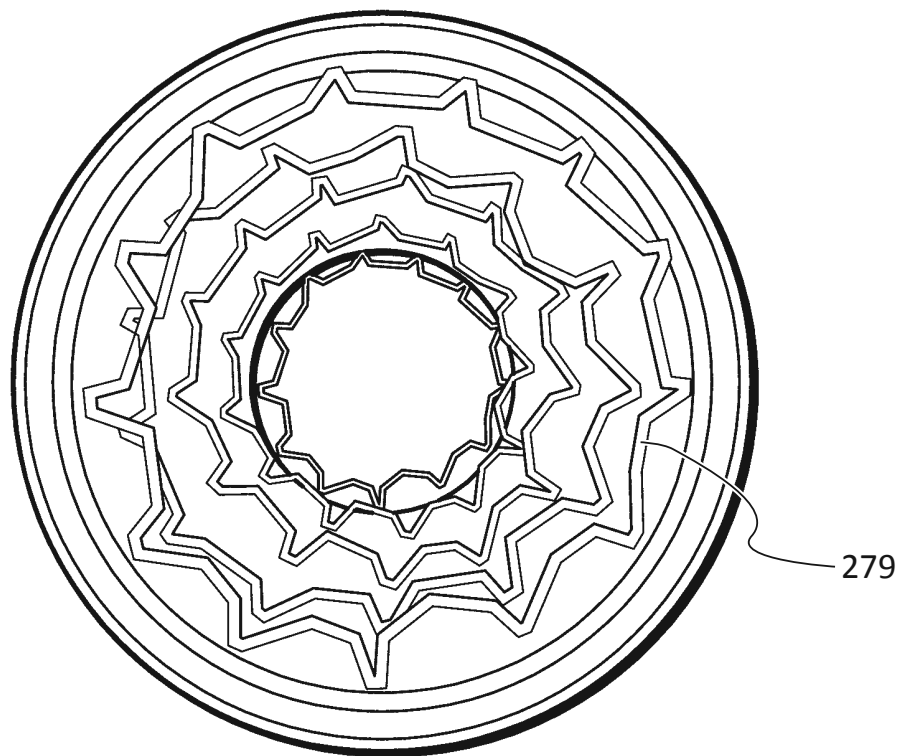


FIG. 15C

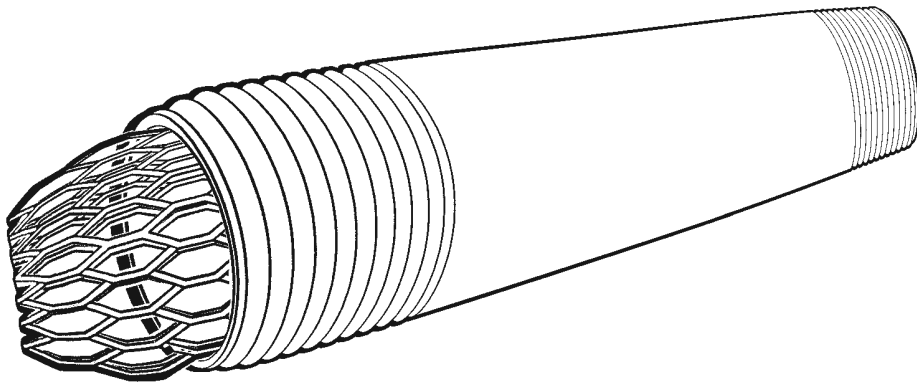


FIG. 15D

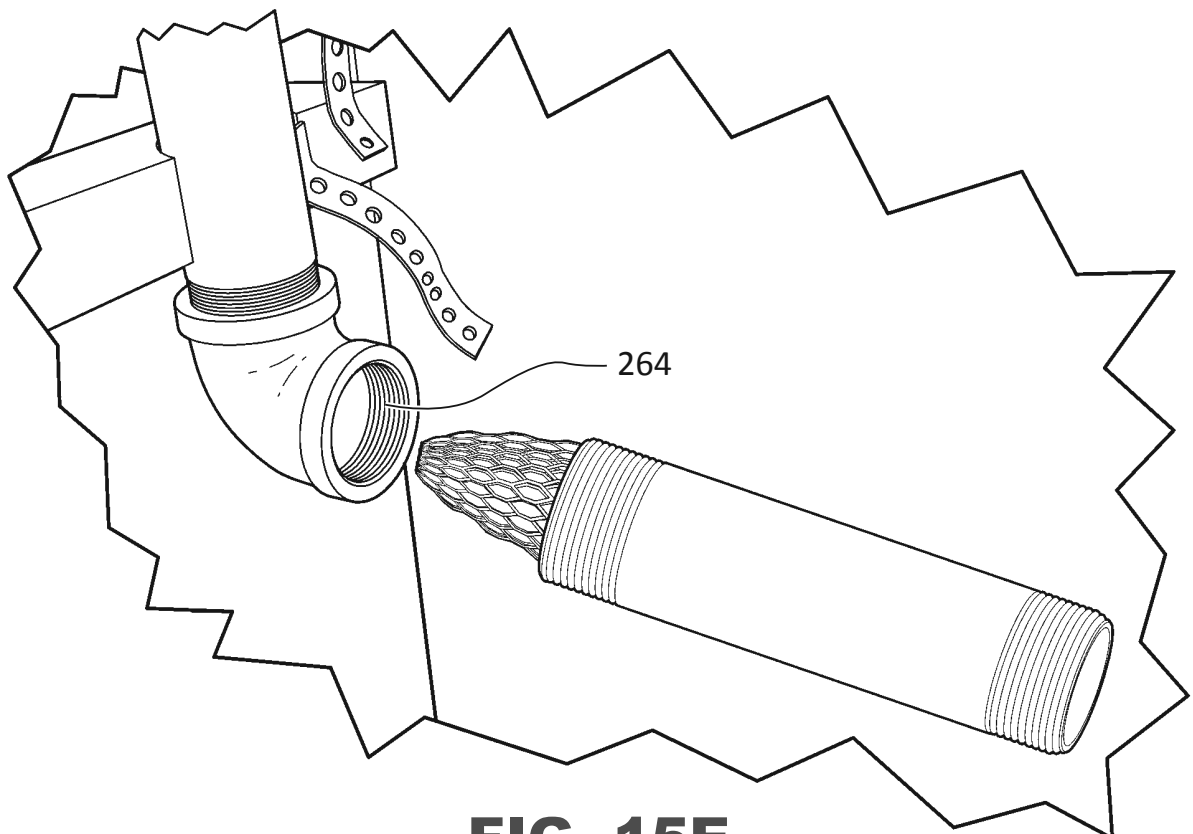
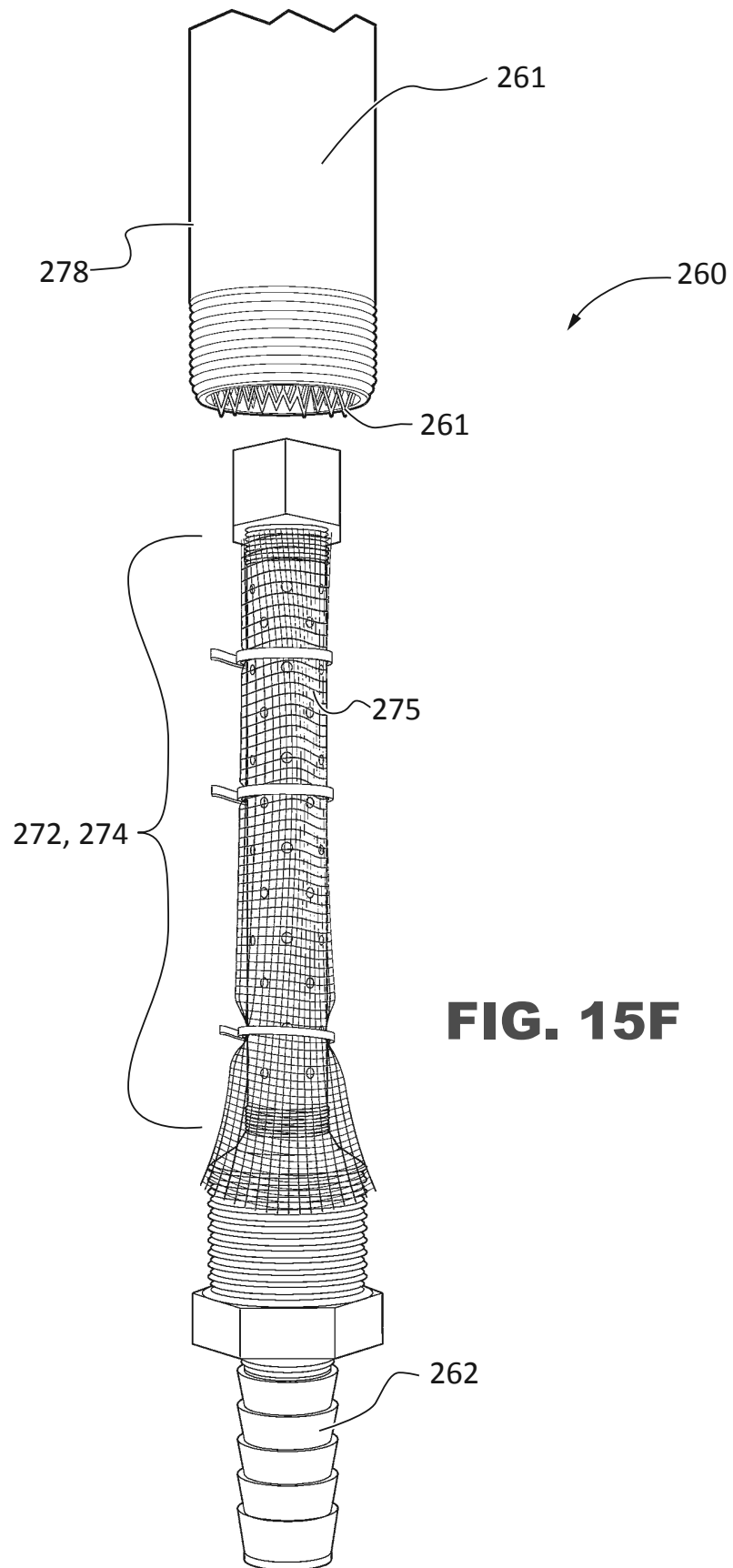


FIG. 15E



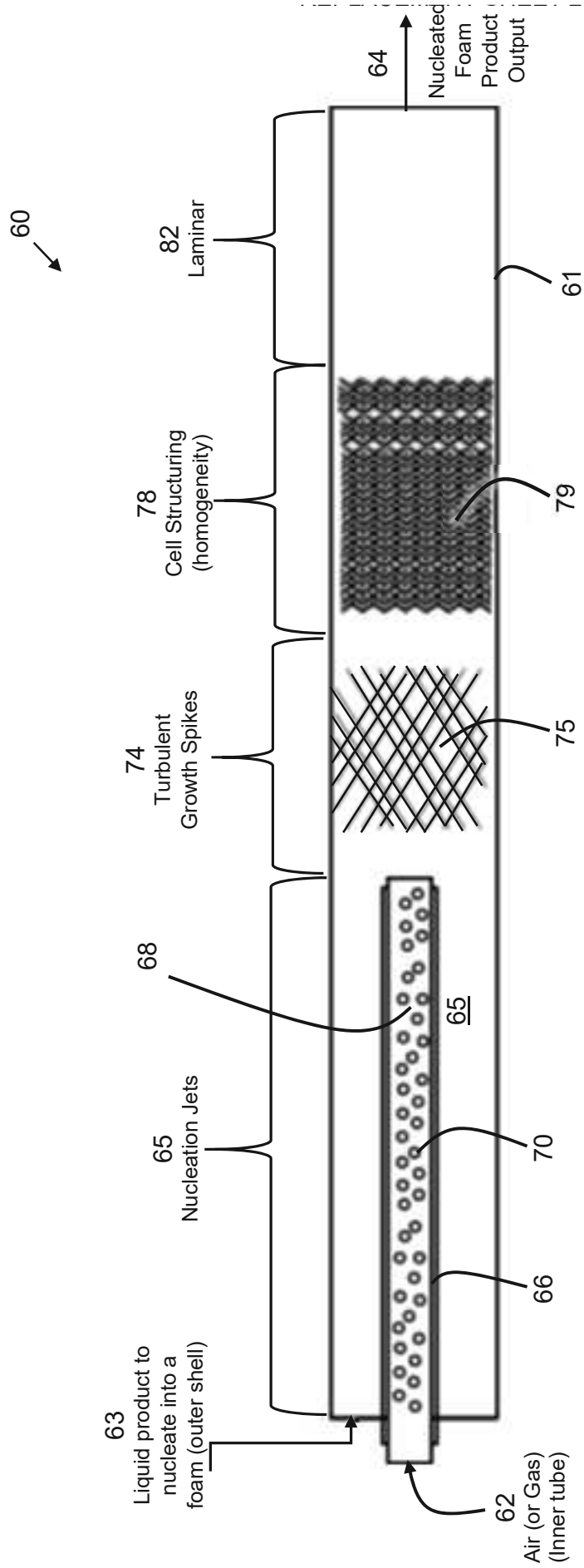


FIG. 16A

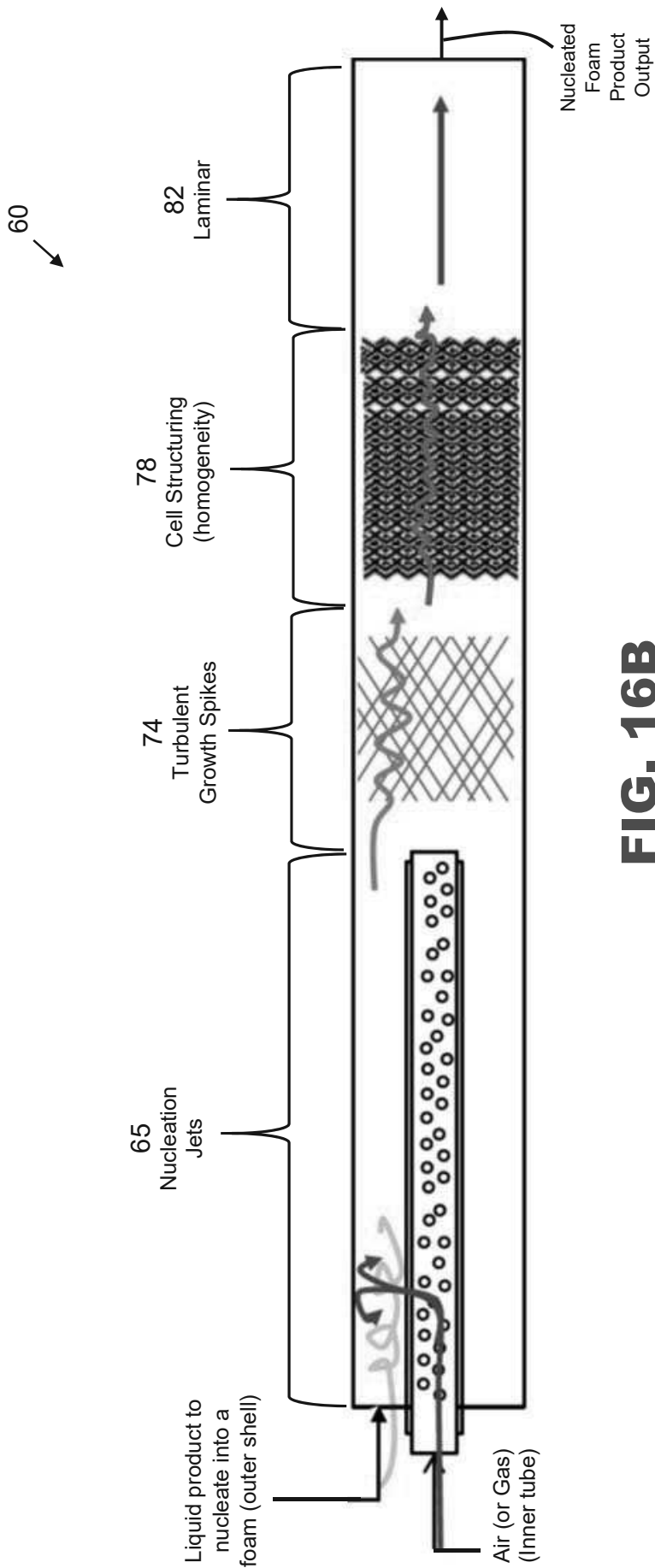


FIG. 16B

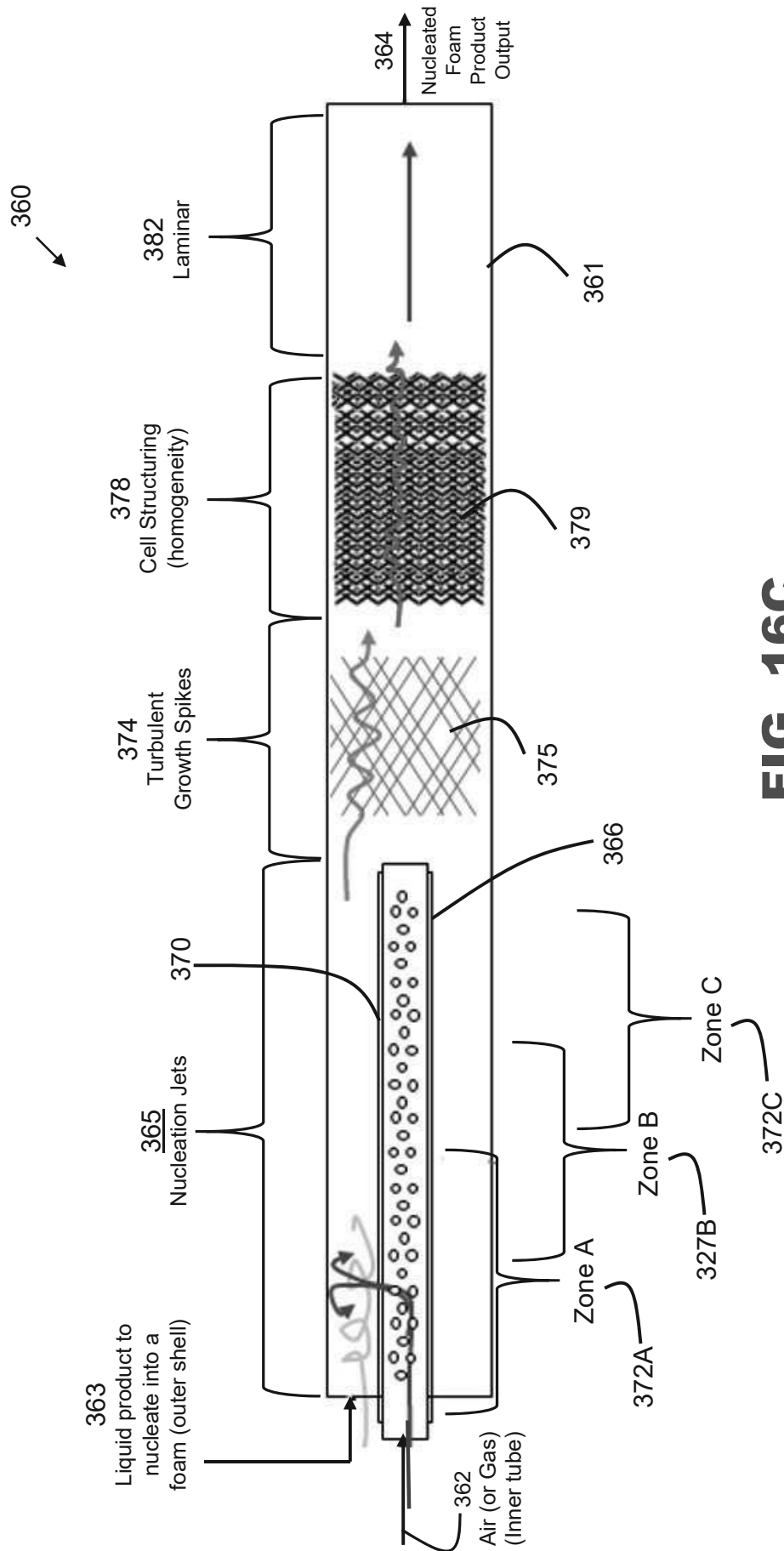


FIG. 16C

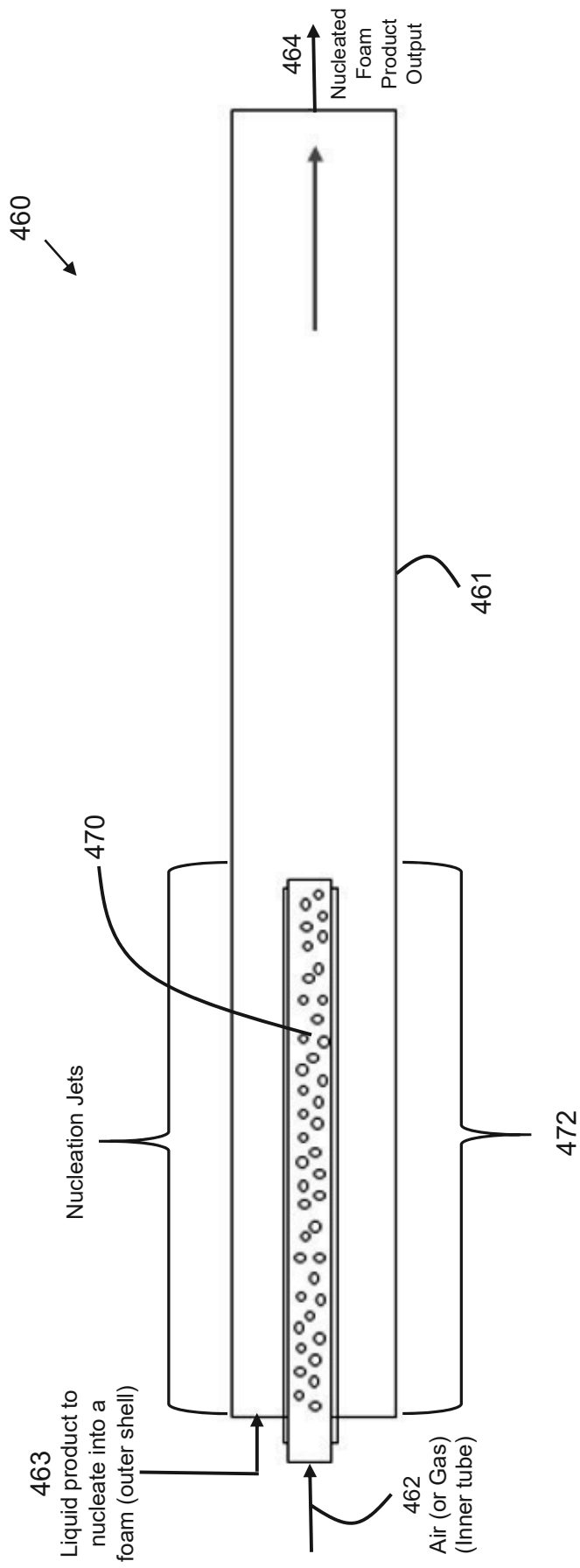


FIG. 16D

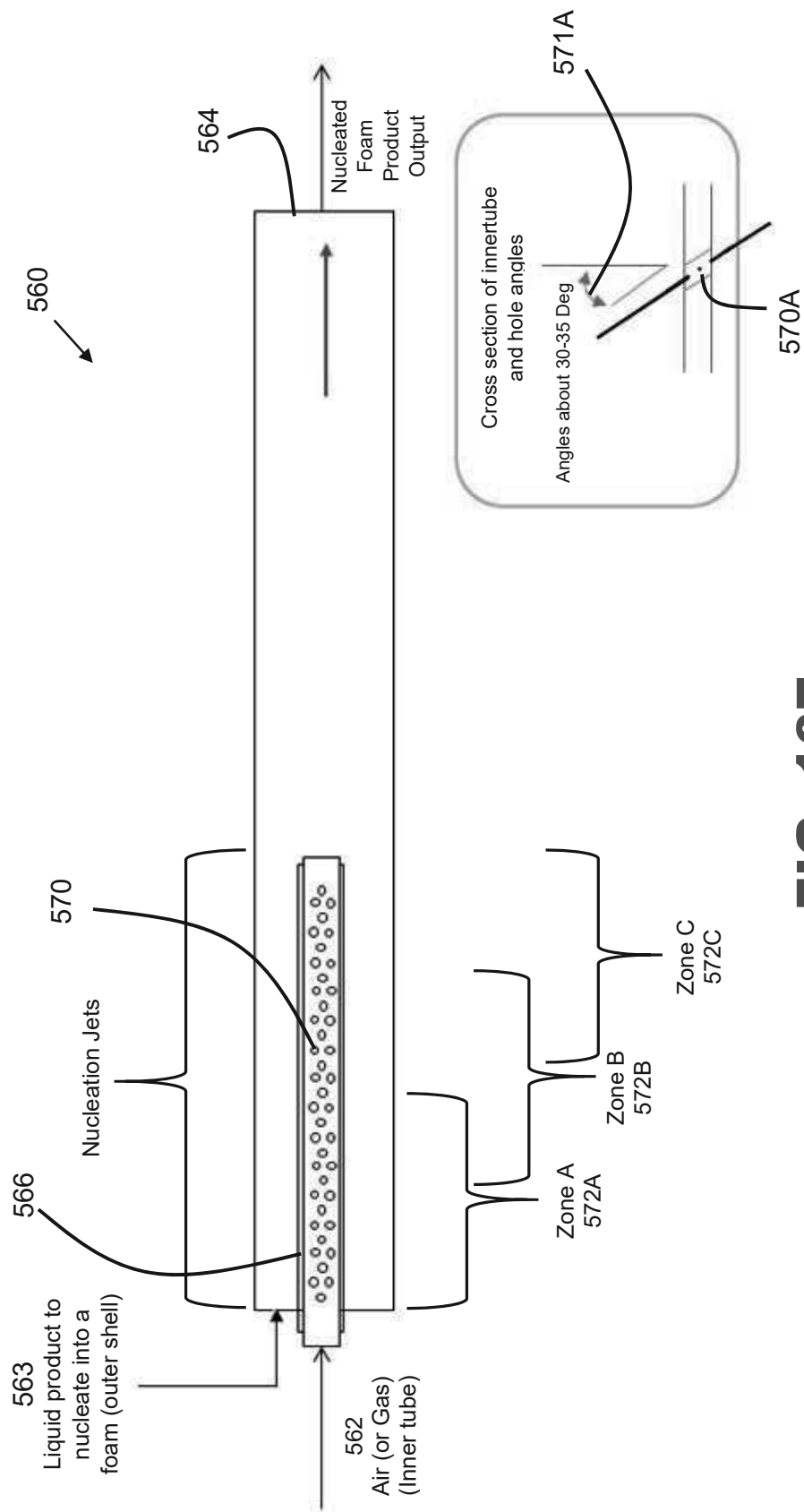
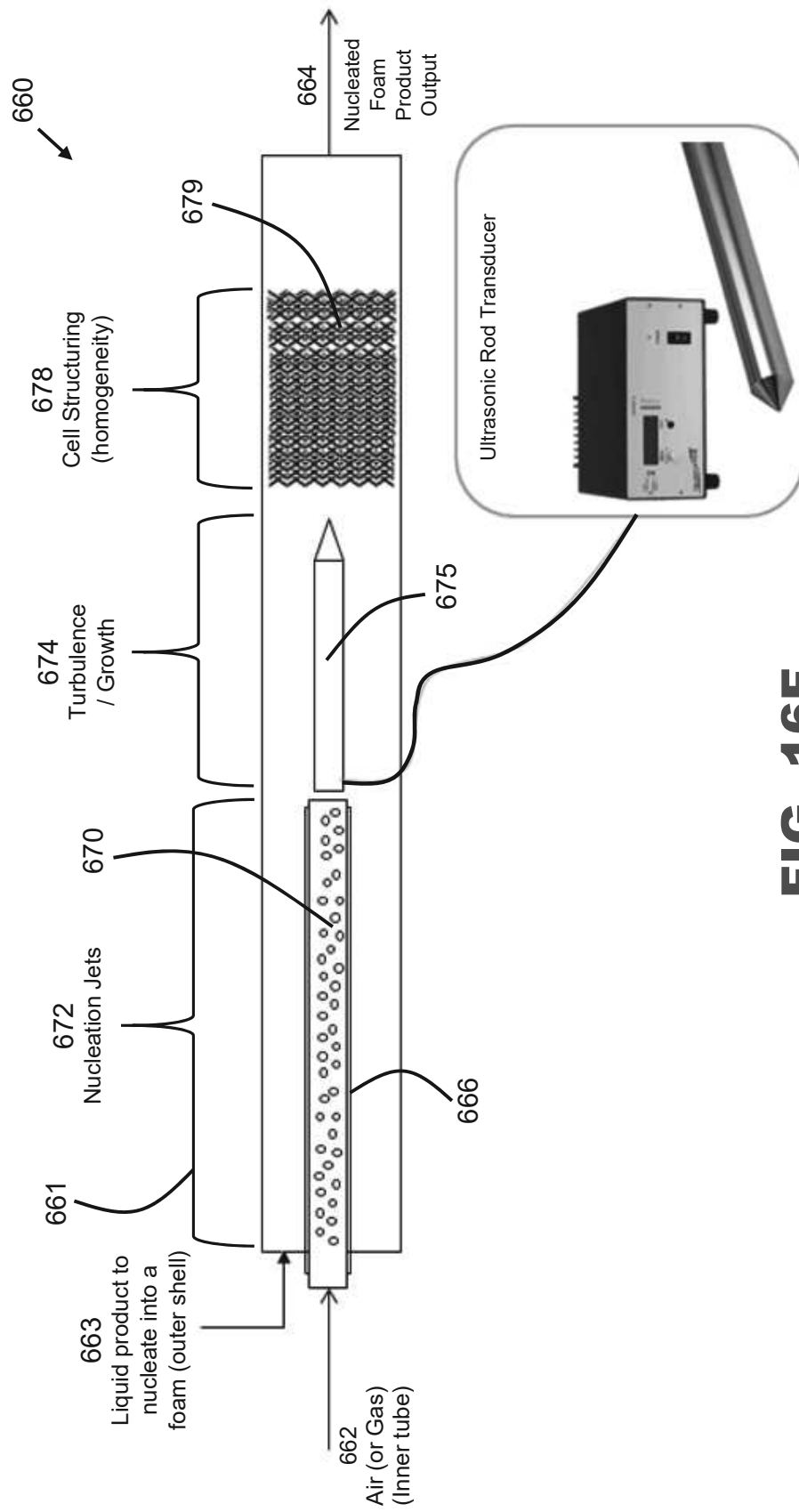


FIG. 16E

**FIG. 16F**

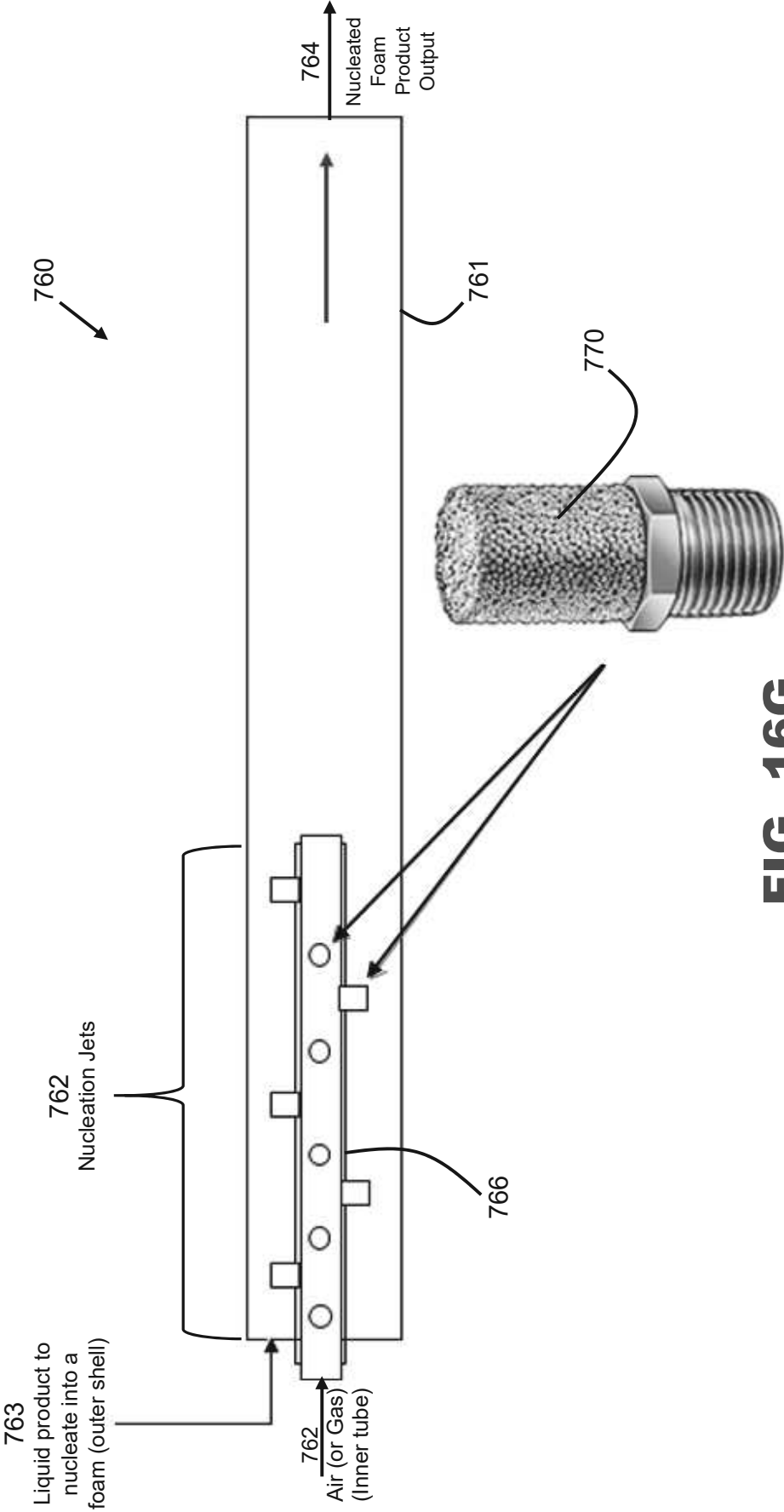


FIG. 16G

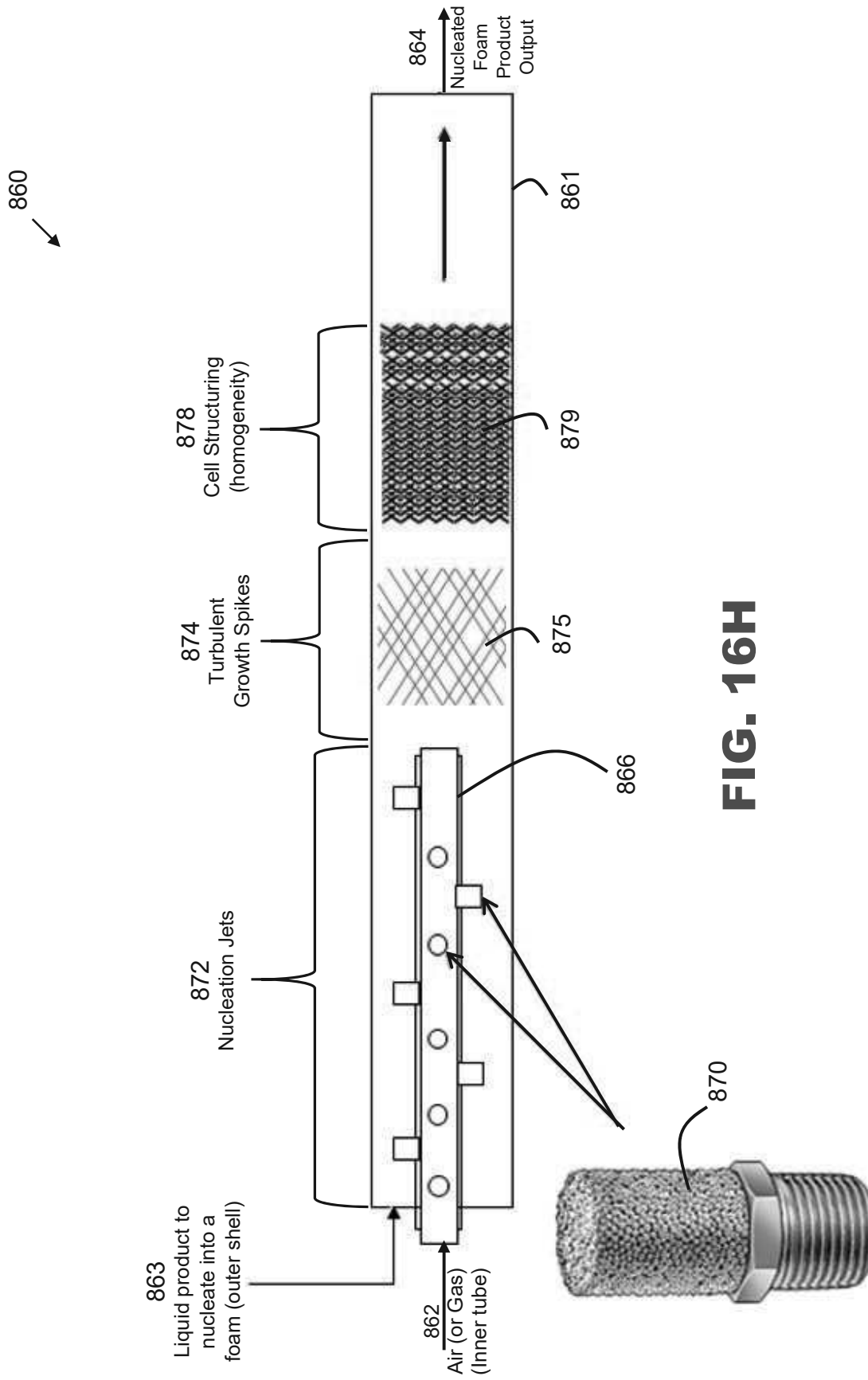


FIG. 16H

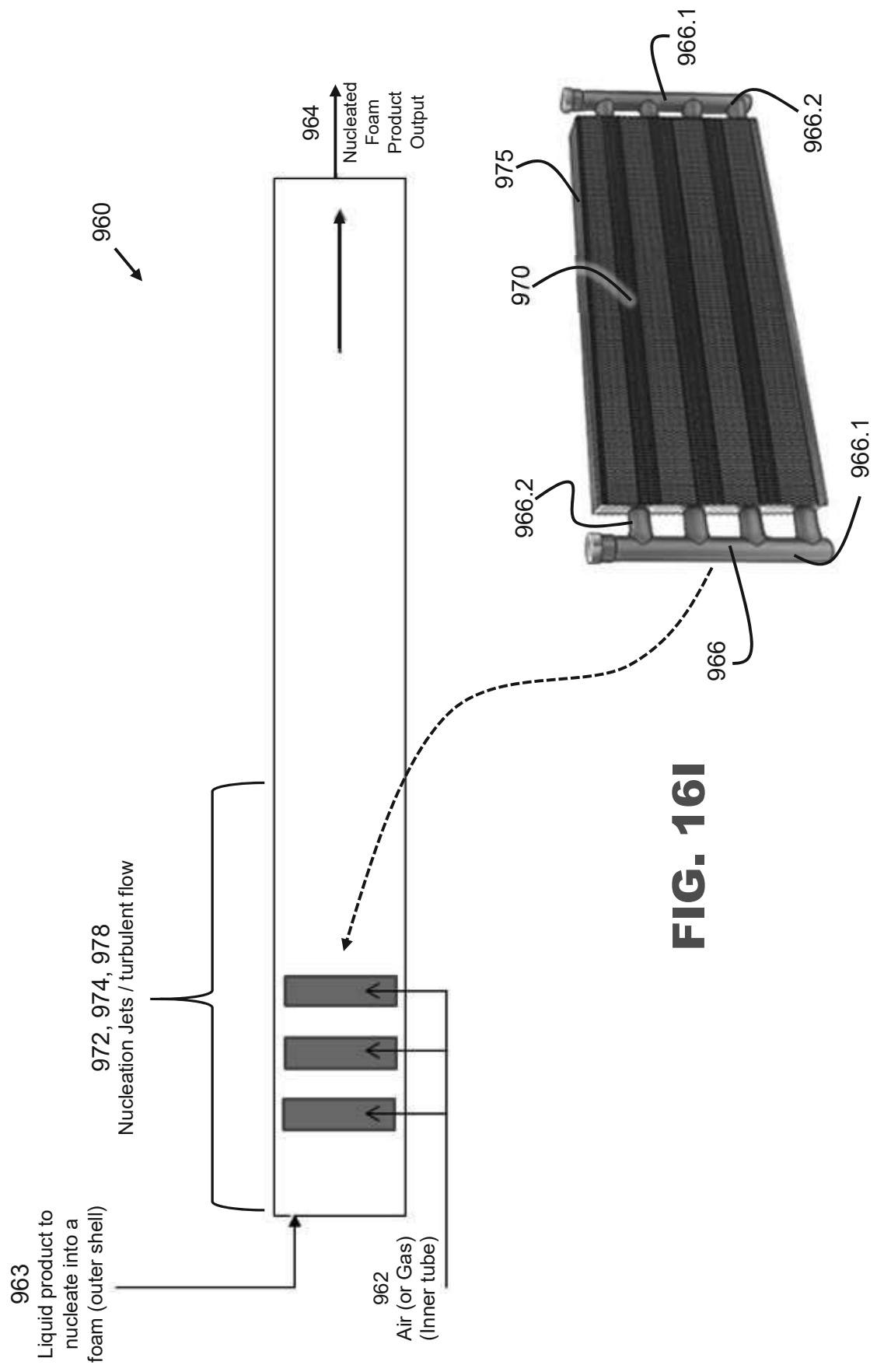


FIG. 16I

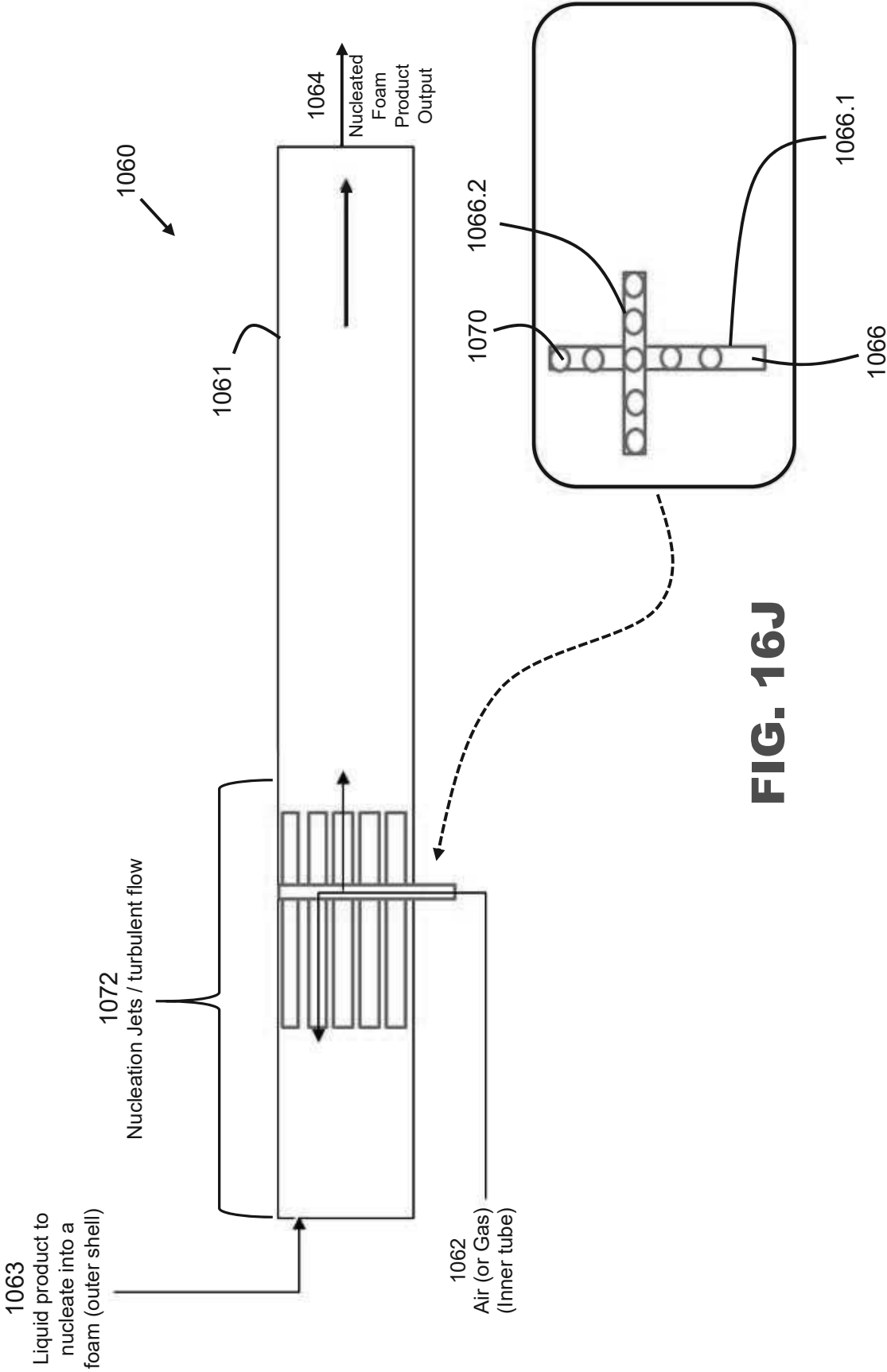


FIG. 16J

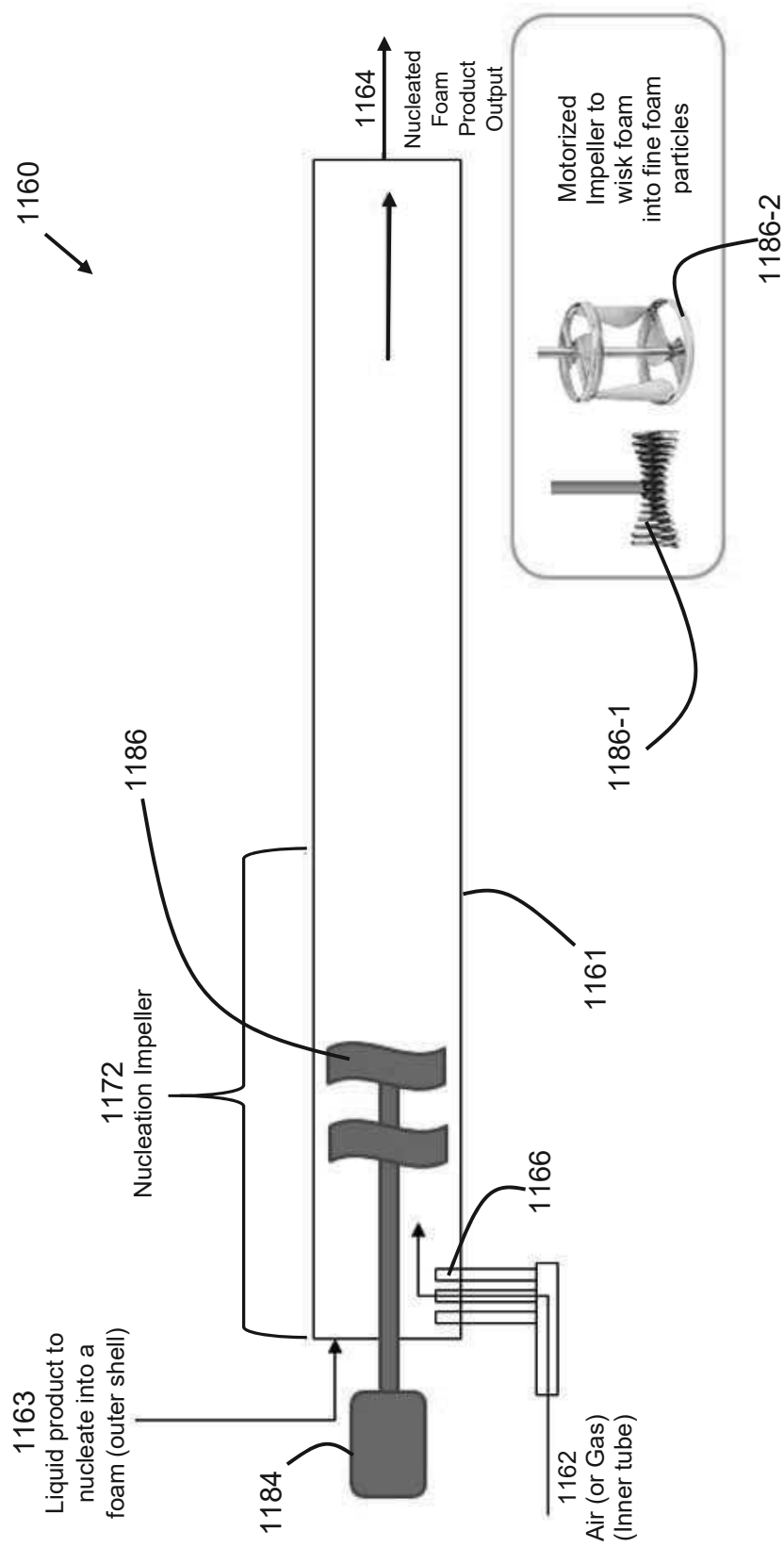
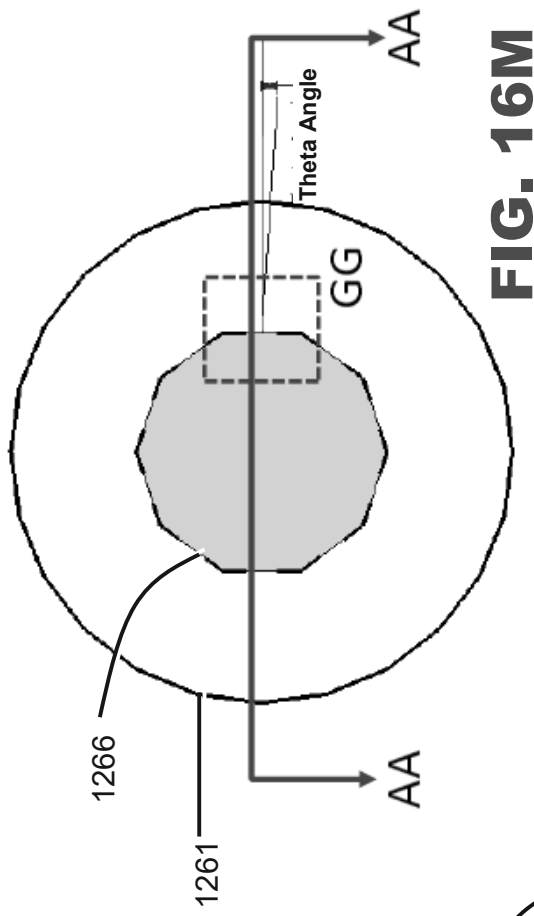
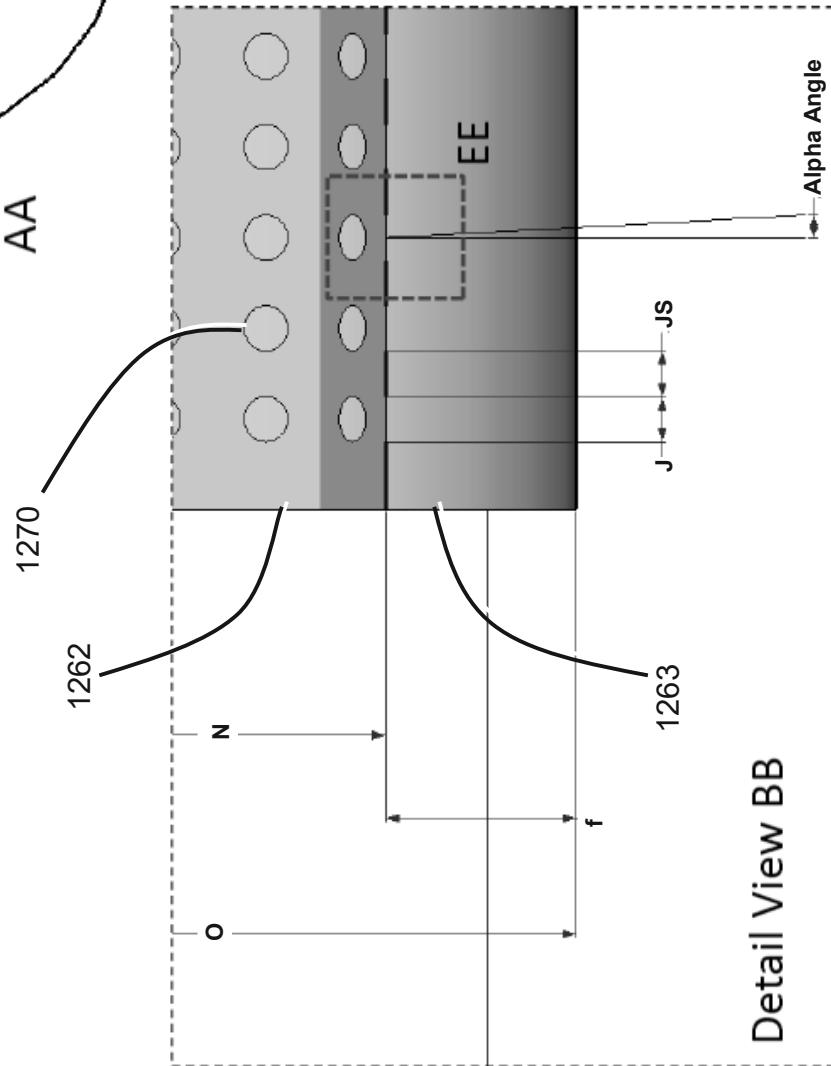
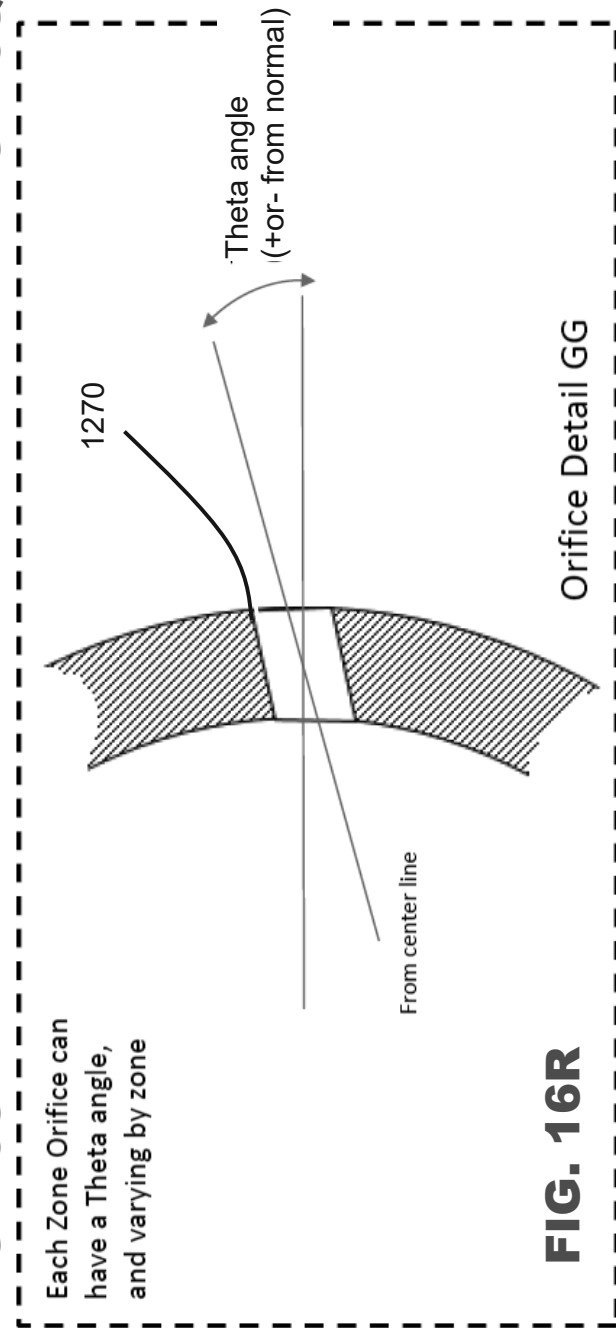
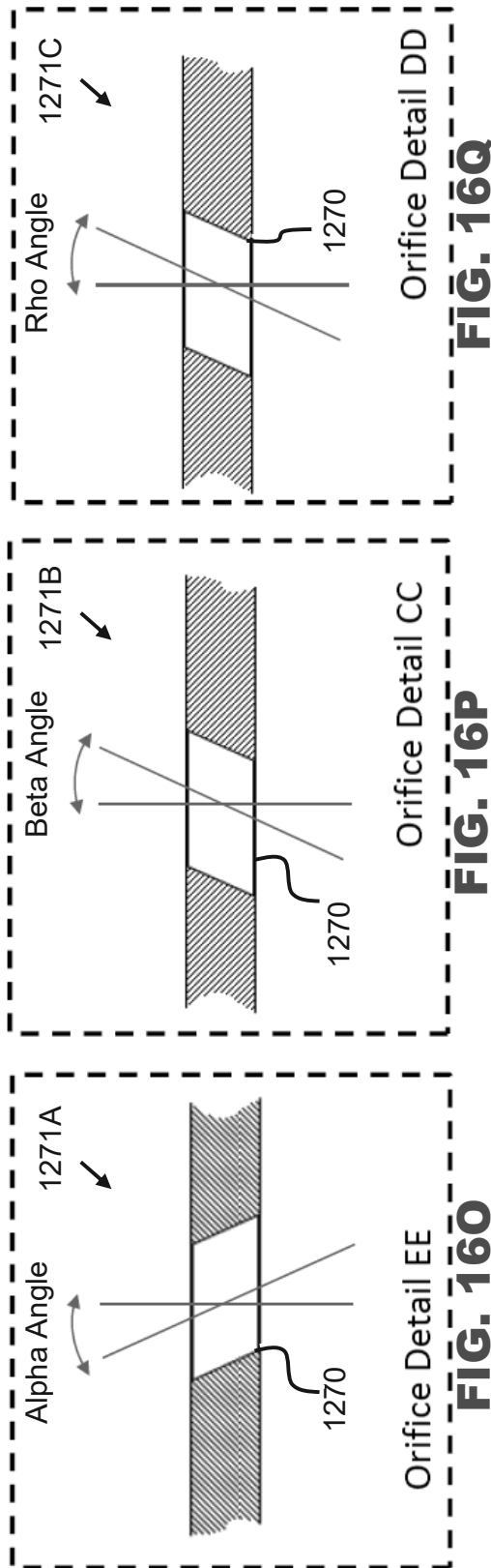


FIG. 16K

**FIG. 16M****FIG. 16N**

OL – Outer Shell Length
 NL – Inner Shell Length
 O – Outer Shell Diameter
 N – Inner Shell Diameter
 f – centered or off –centered dimension
 J – Nucleation Jet Orifice Diameter
 JS – Nucleation Jet Orifice Spacing
 Alpha Angle – Nucleation Jet Orifice Angle x-axis
 Beta Angle – Nucleation Jet Orifice Angle x-axis
 Theta Angle – Nucleation Jet Orifice Angle Z-axis
 Rho – Nucleation Jet Orifice Angle – y-axis

Varying degrees by zone



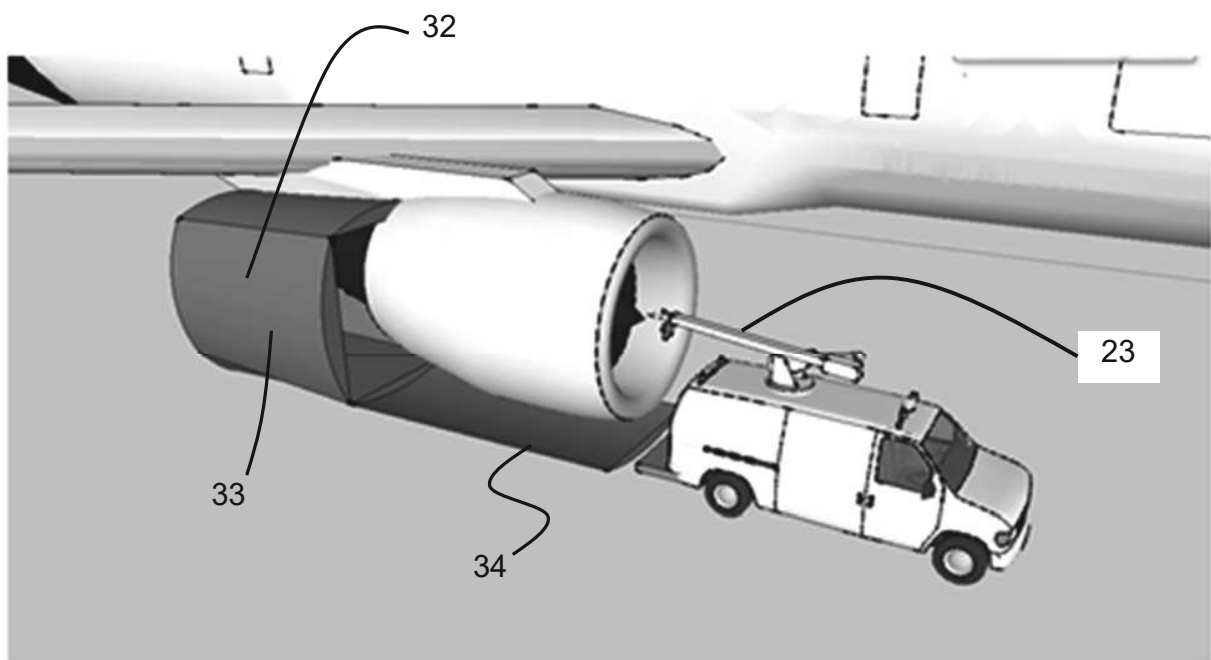


FIG. 17B

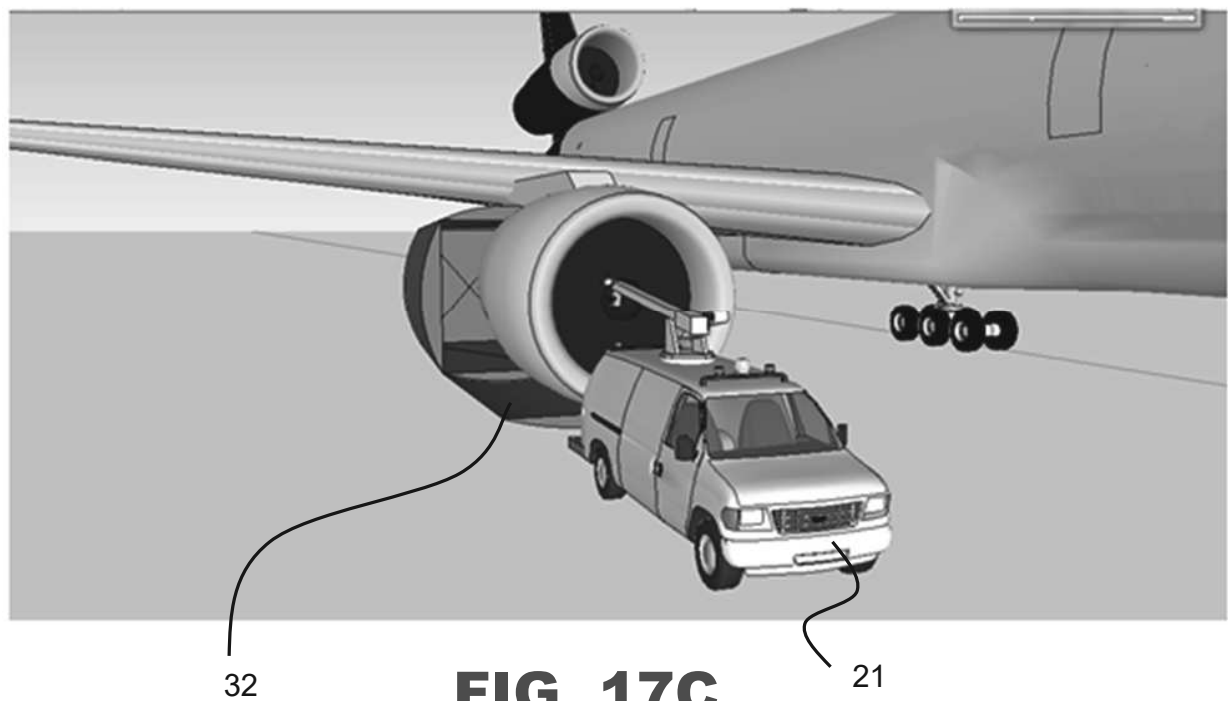


FIG. 17C

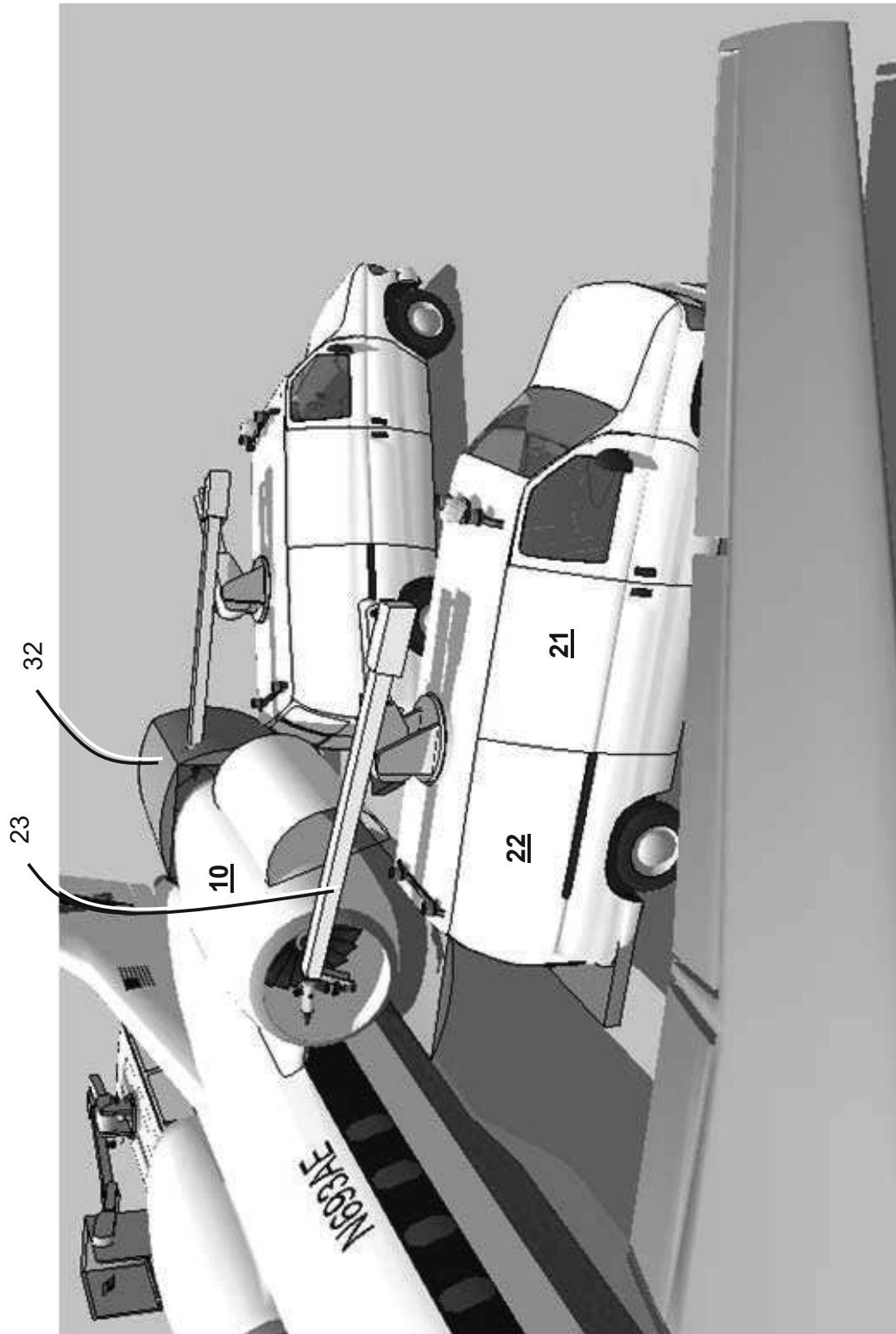


FIG. 17D

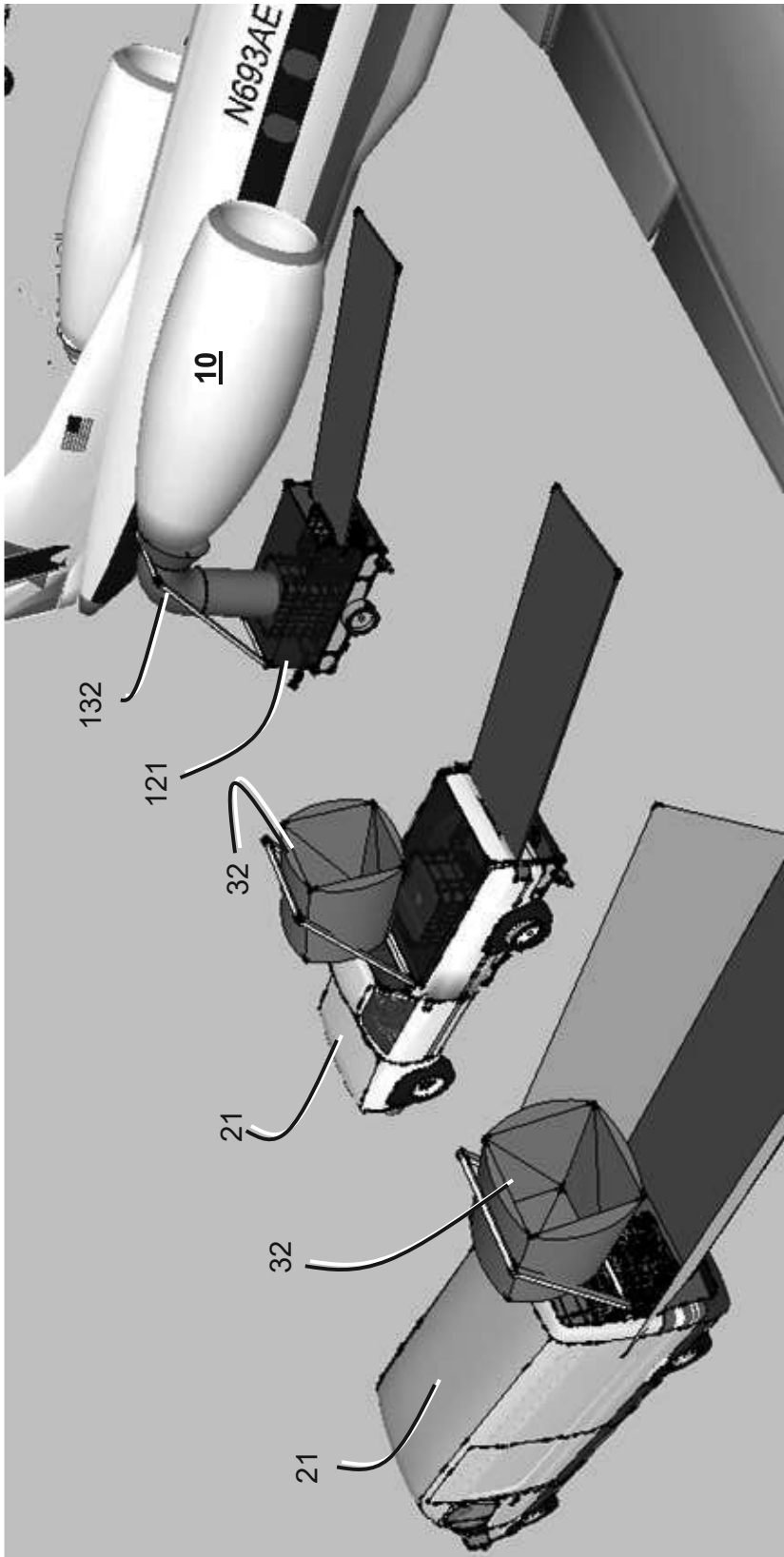


FIG. 17E

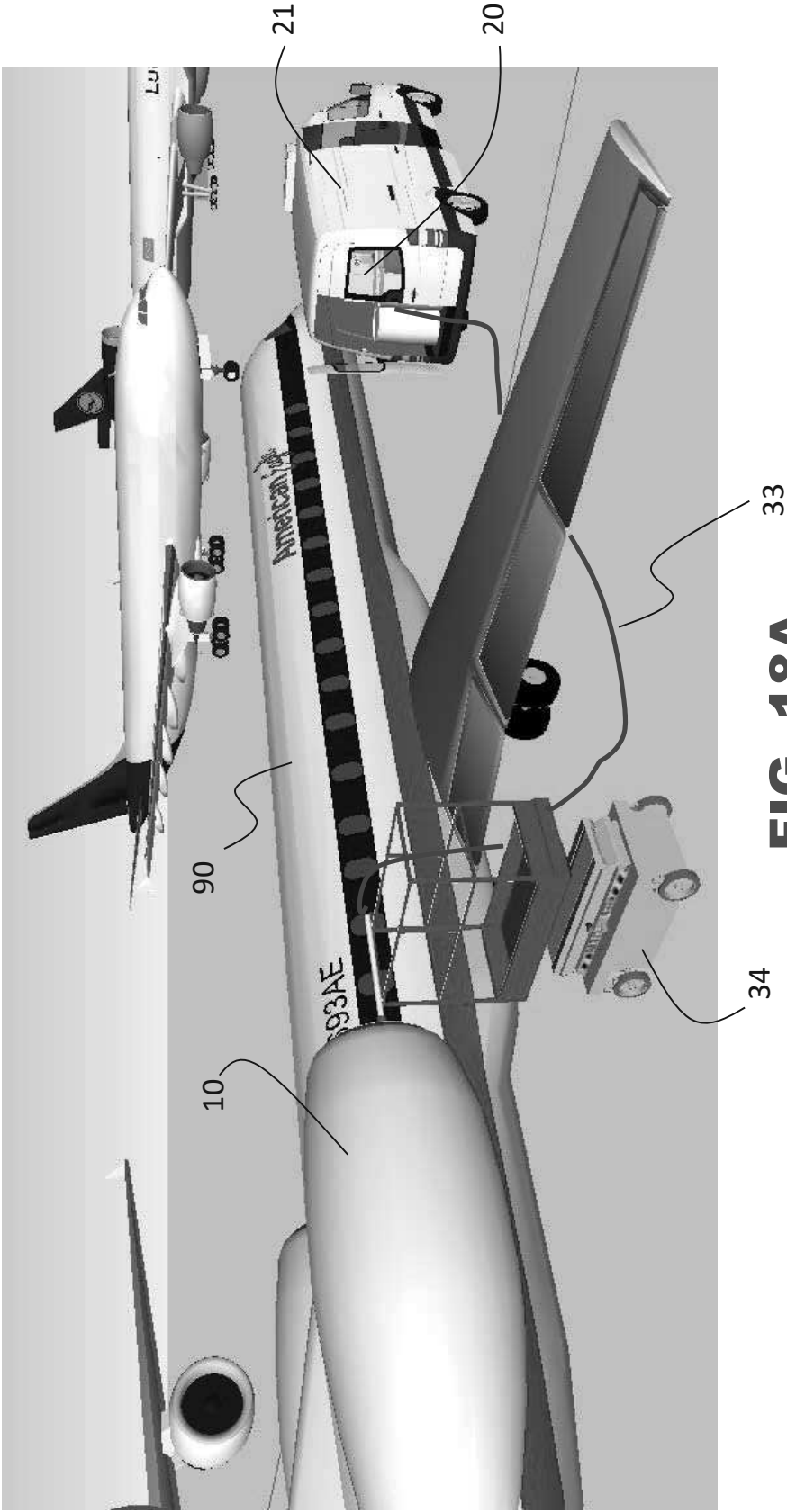


FIG. 18A

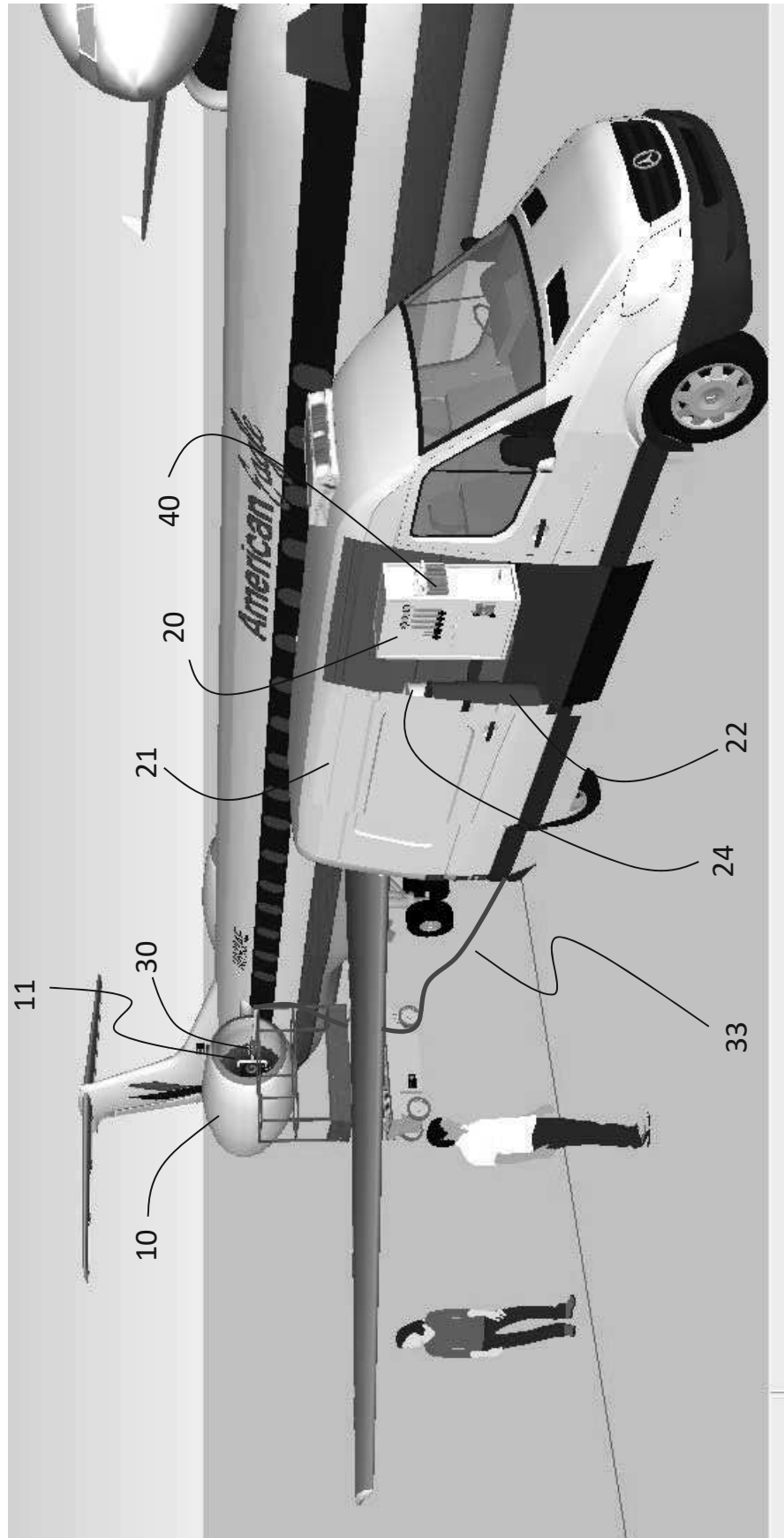


FIG. 18B

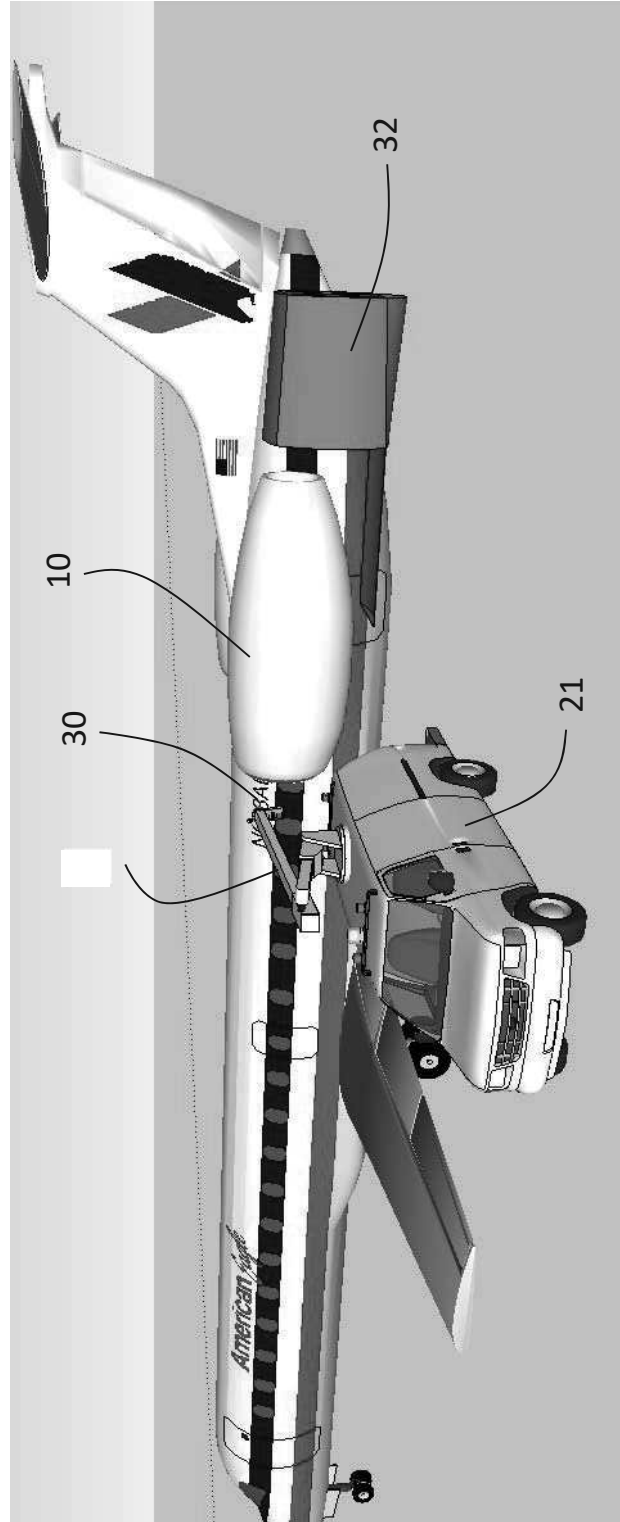


FIG. 19

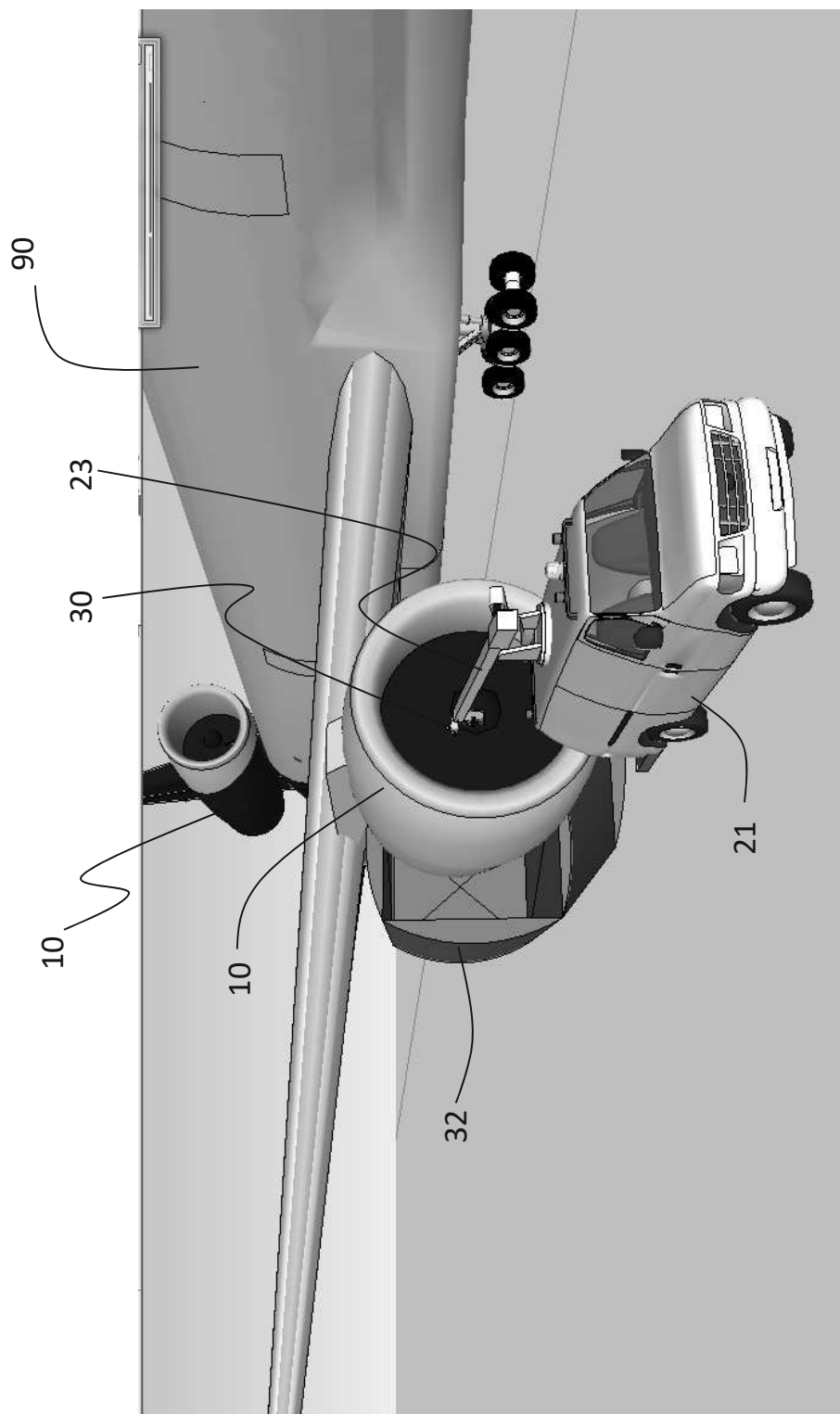


FIG. 20

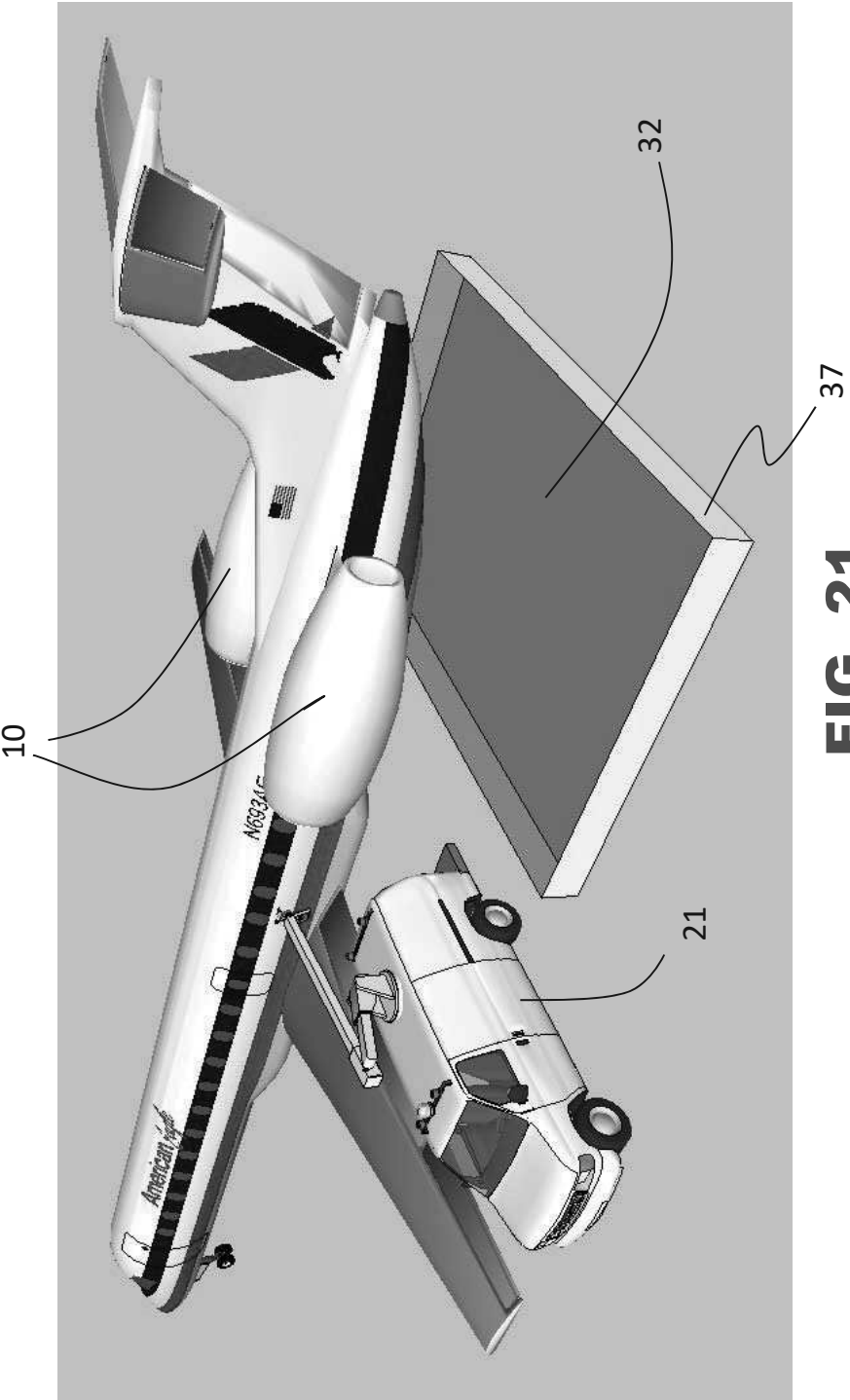


FIG. 21

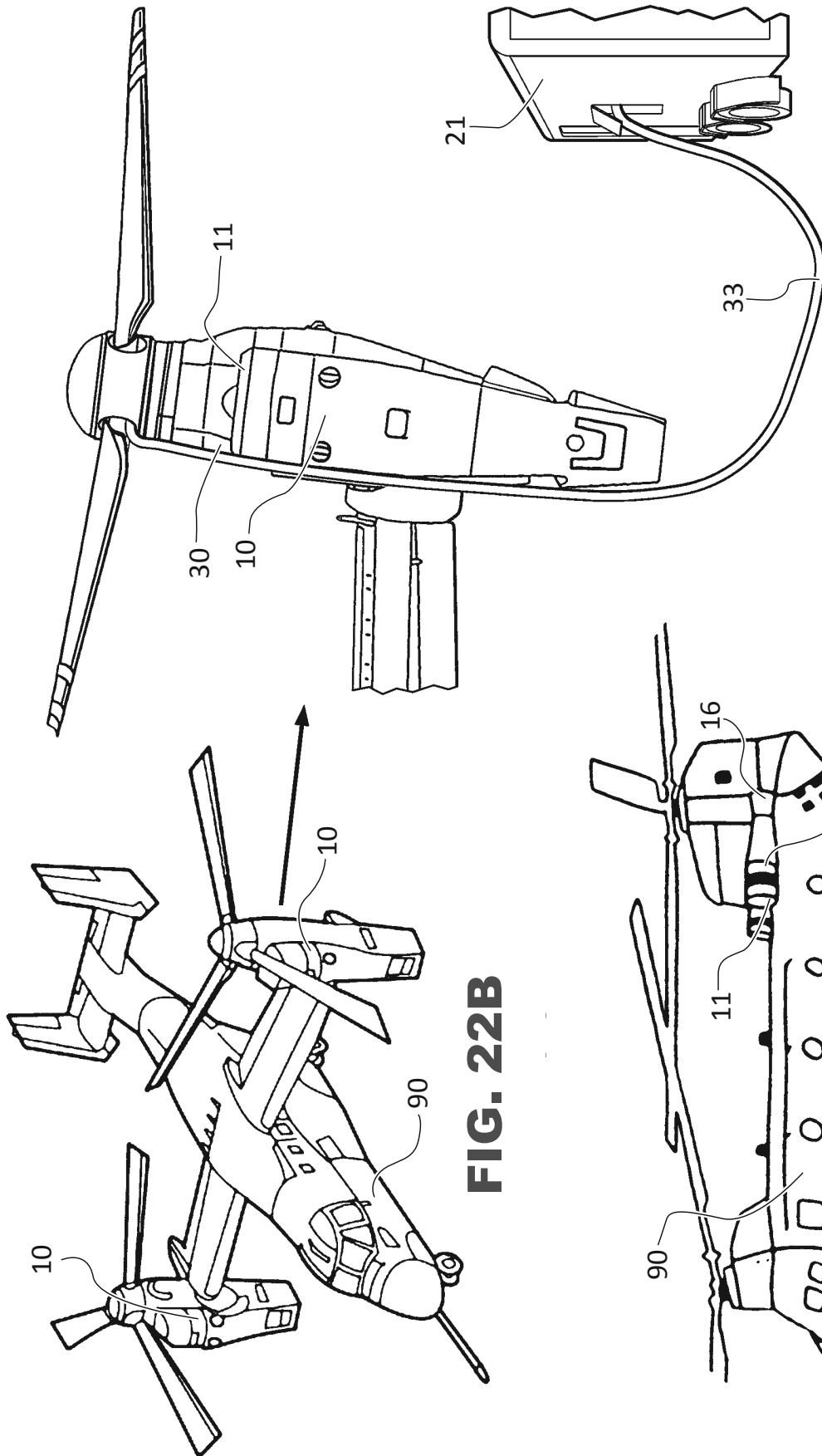
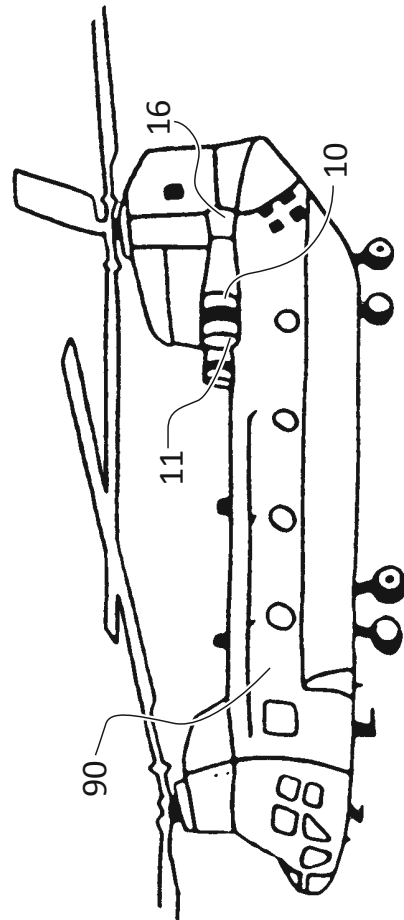


FIG. 22A

FIG. 22C



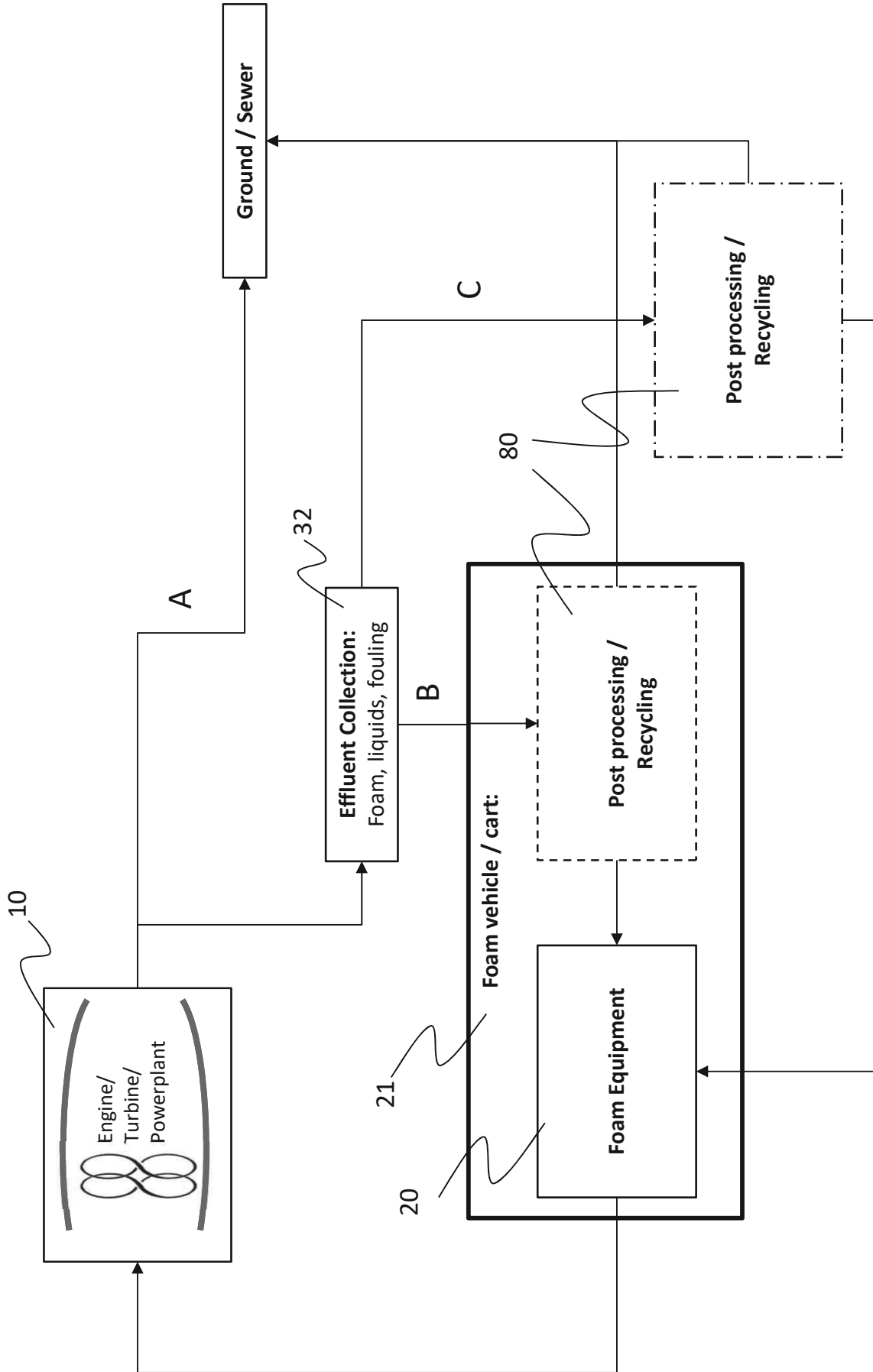


FIG. 23

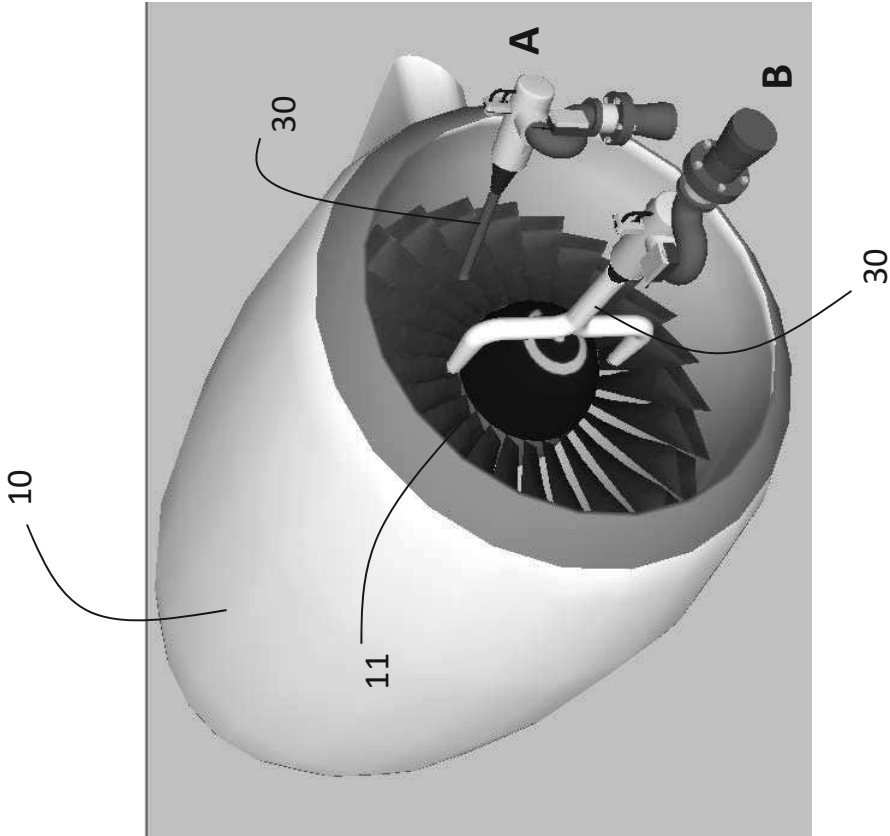


FIG. 24A

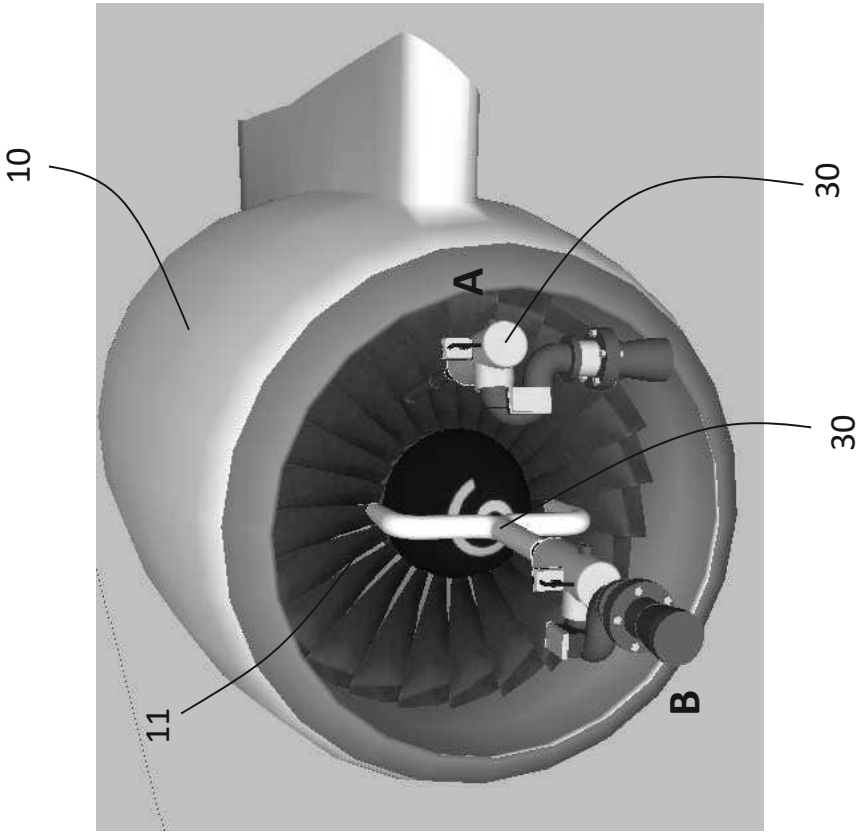


FIG. 24B

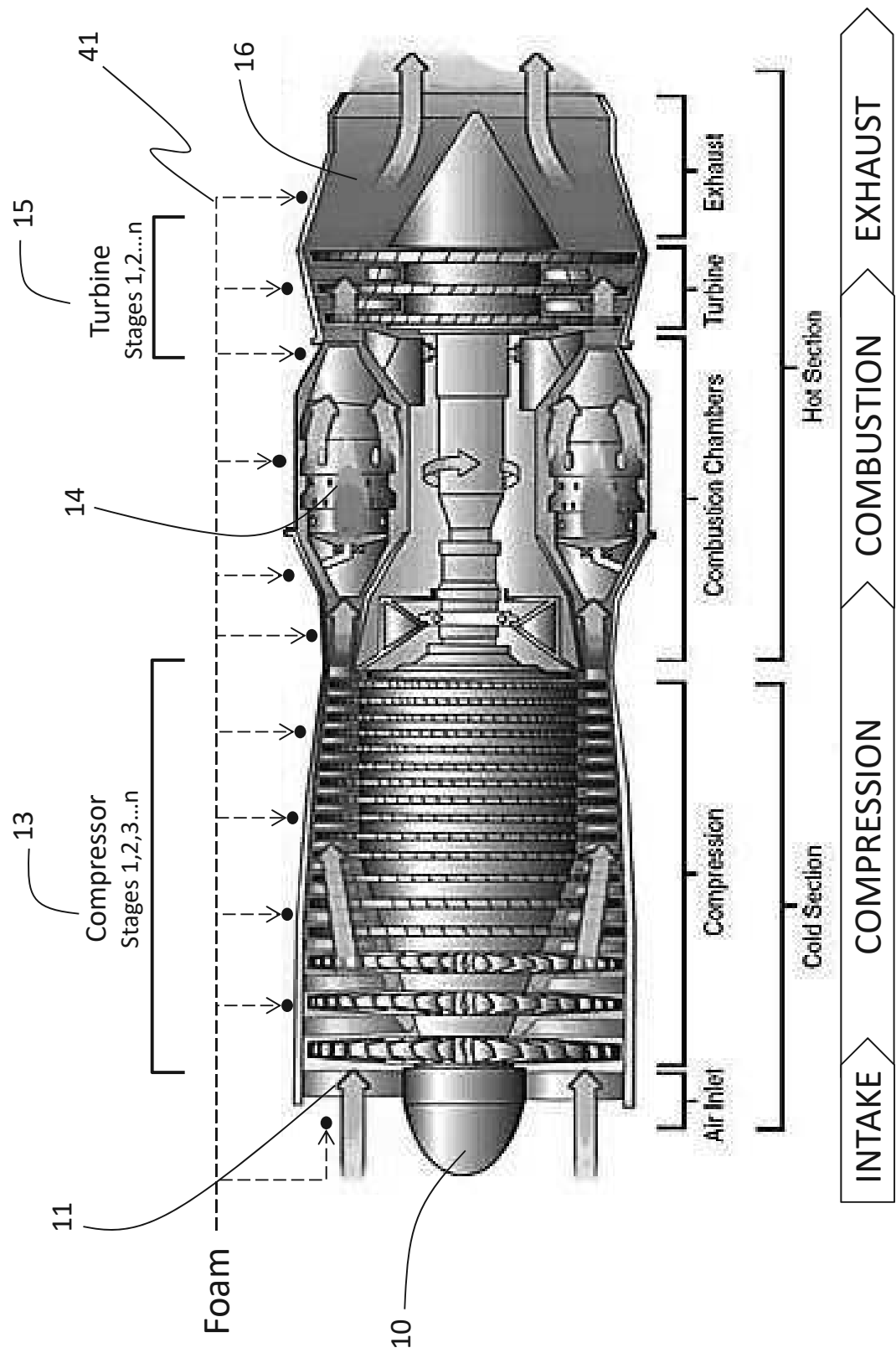
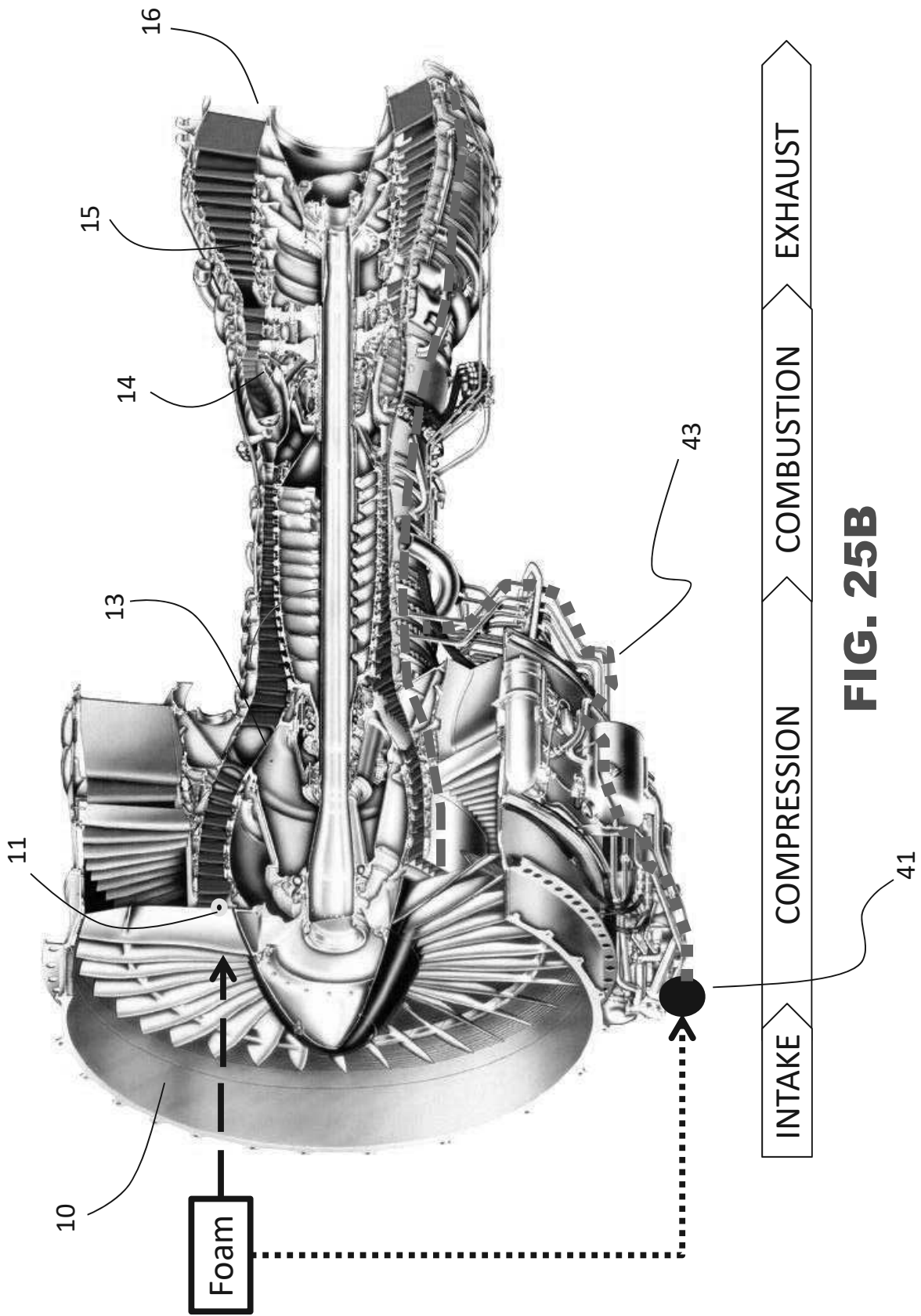


FIG. 25A



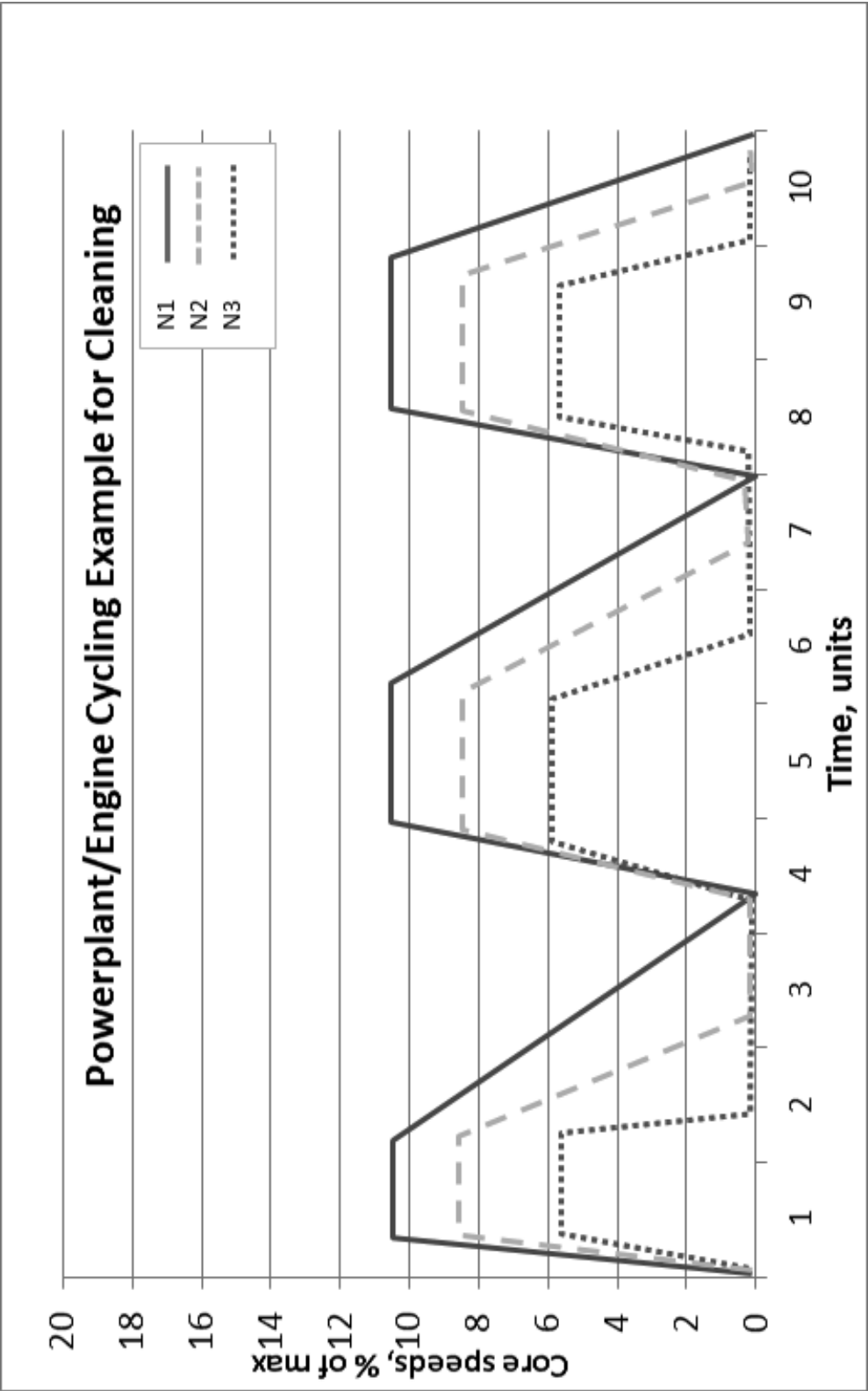


FIG. 26

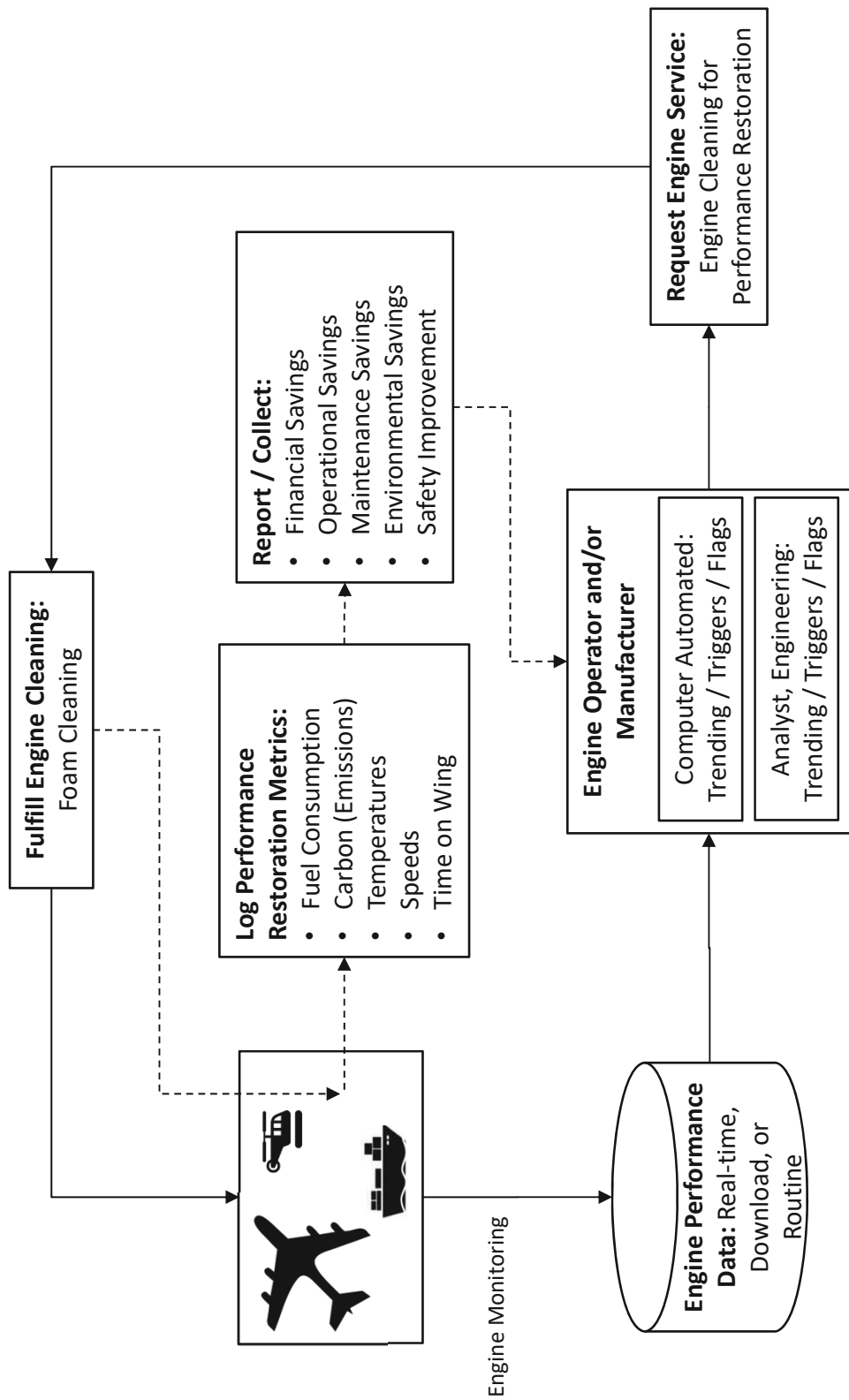


FIG. 27

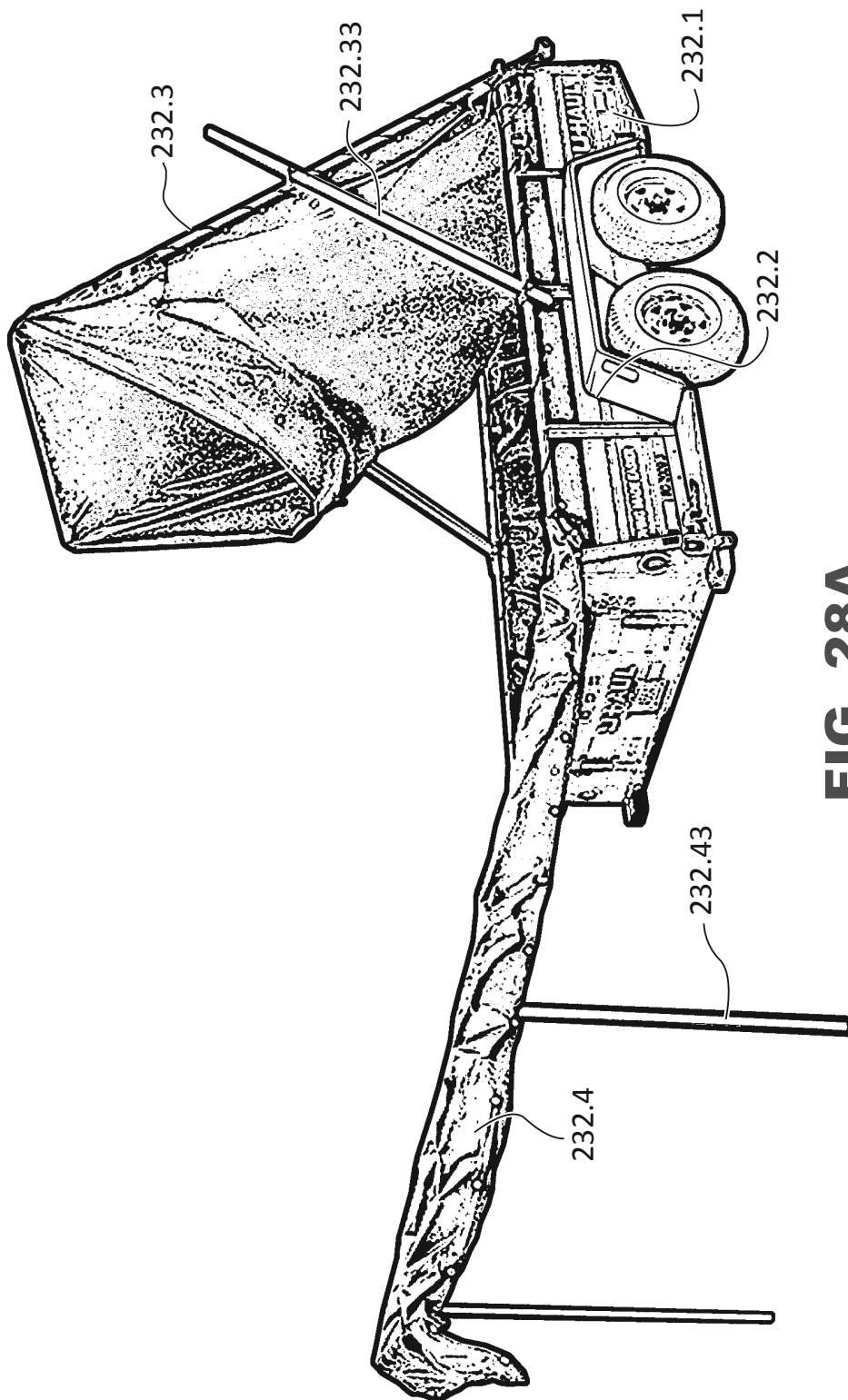


FIG. 28A

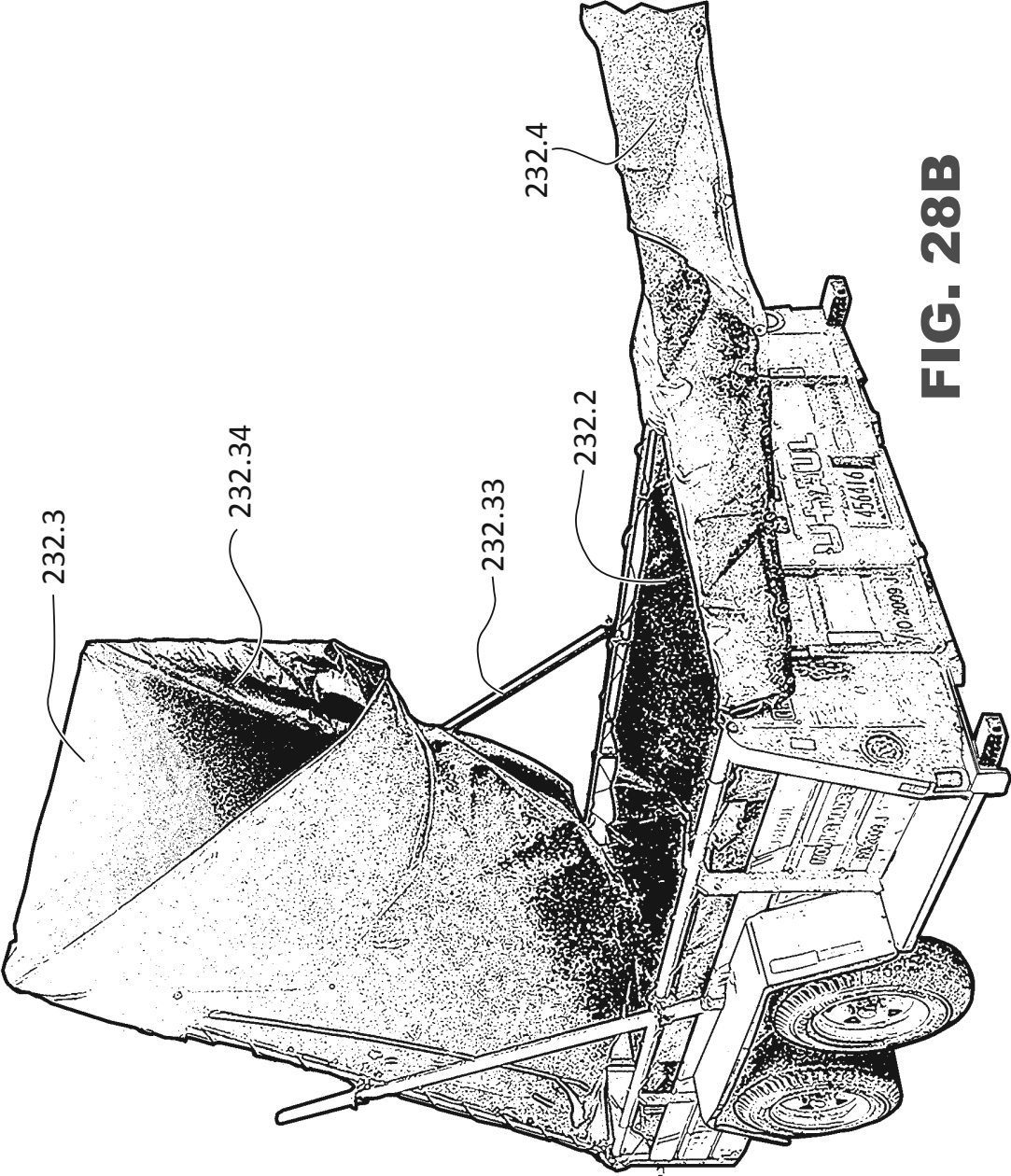


FIG. 28B

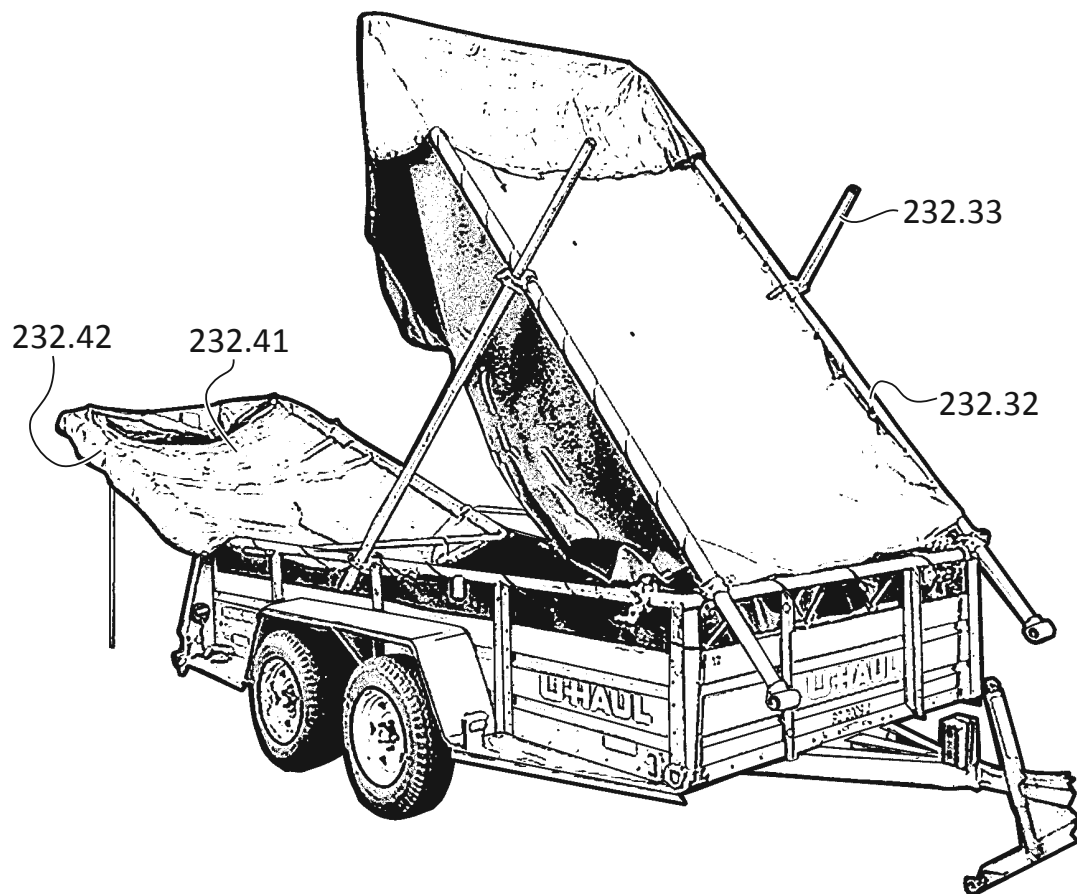


FIG. 28C