

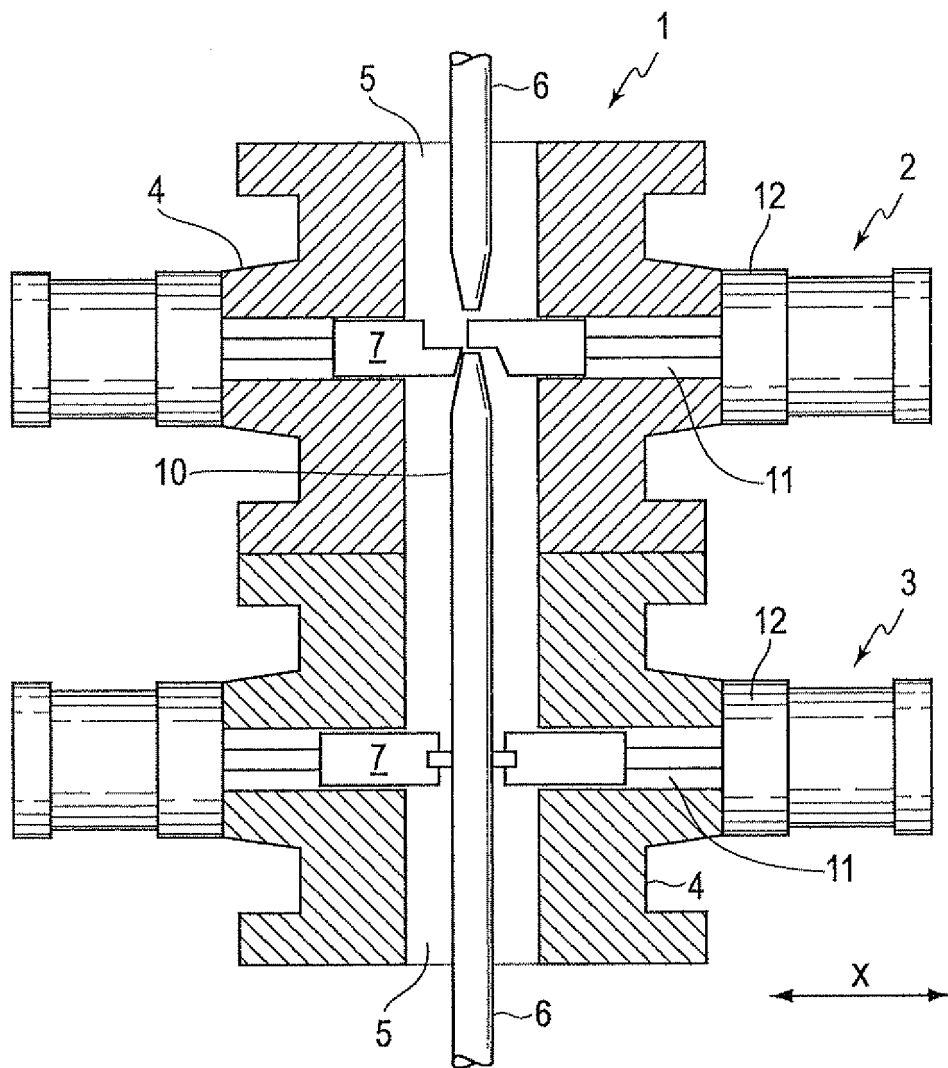


FIG. 1

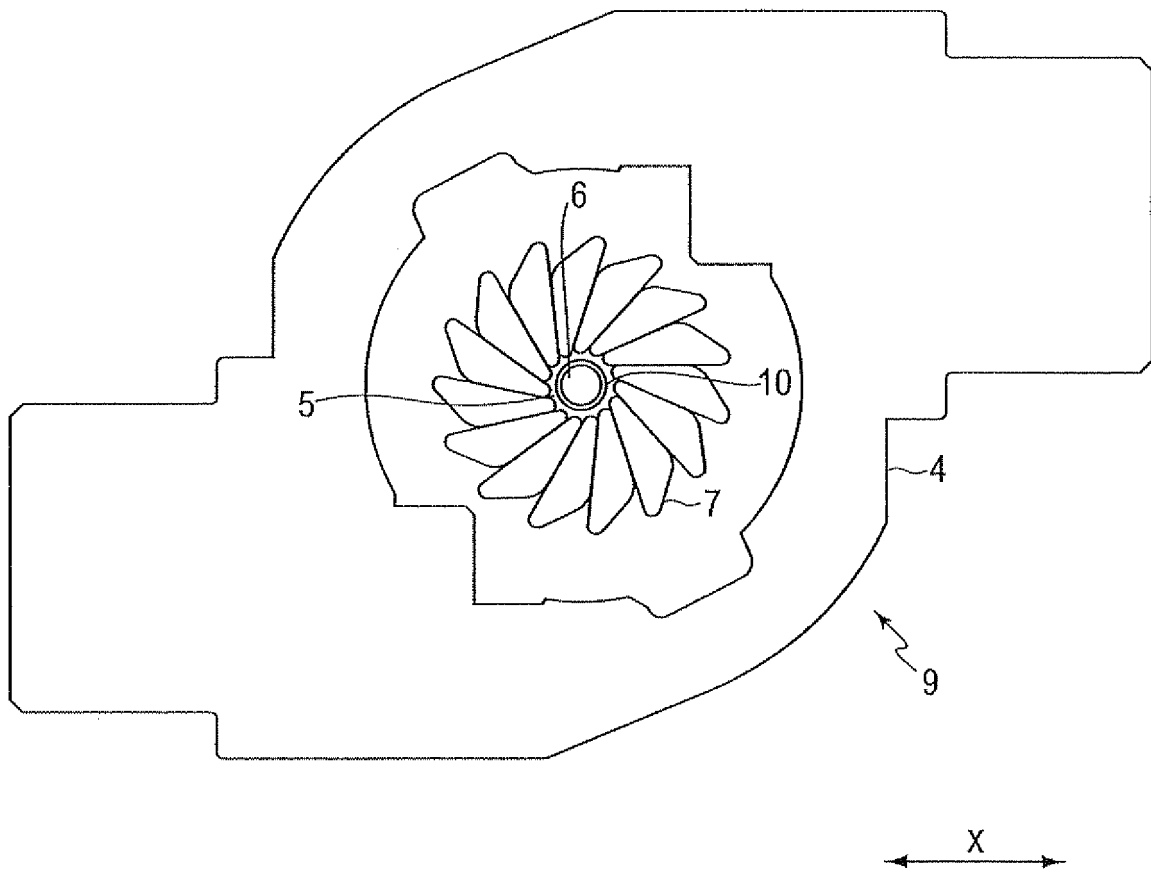


FIG. 2

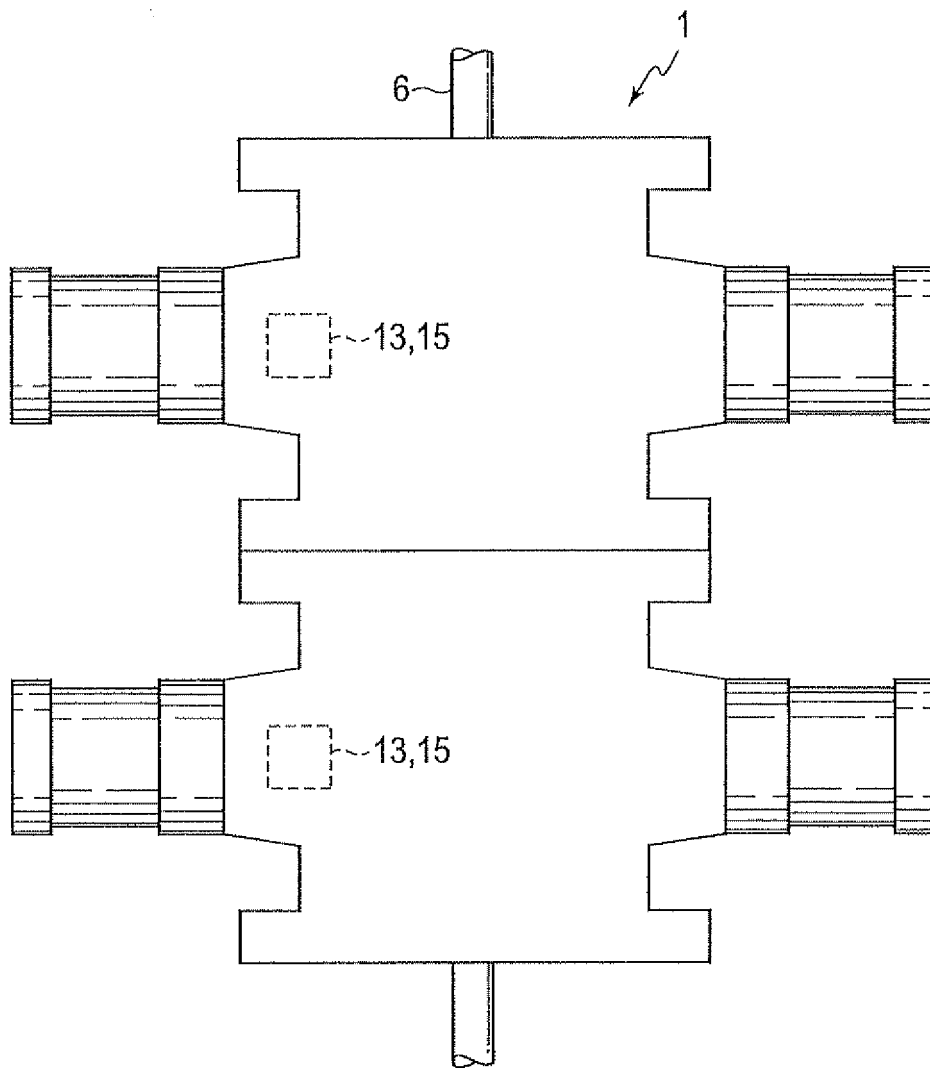


FIG. 3

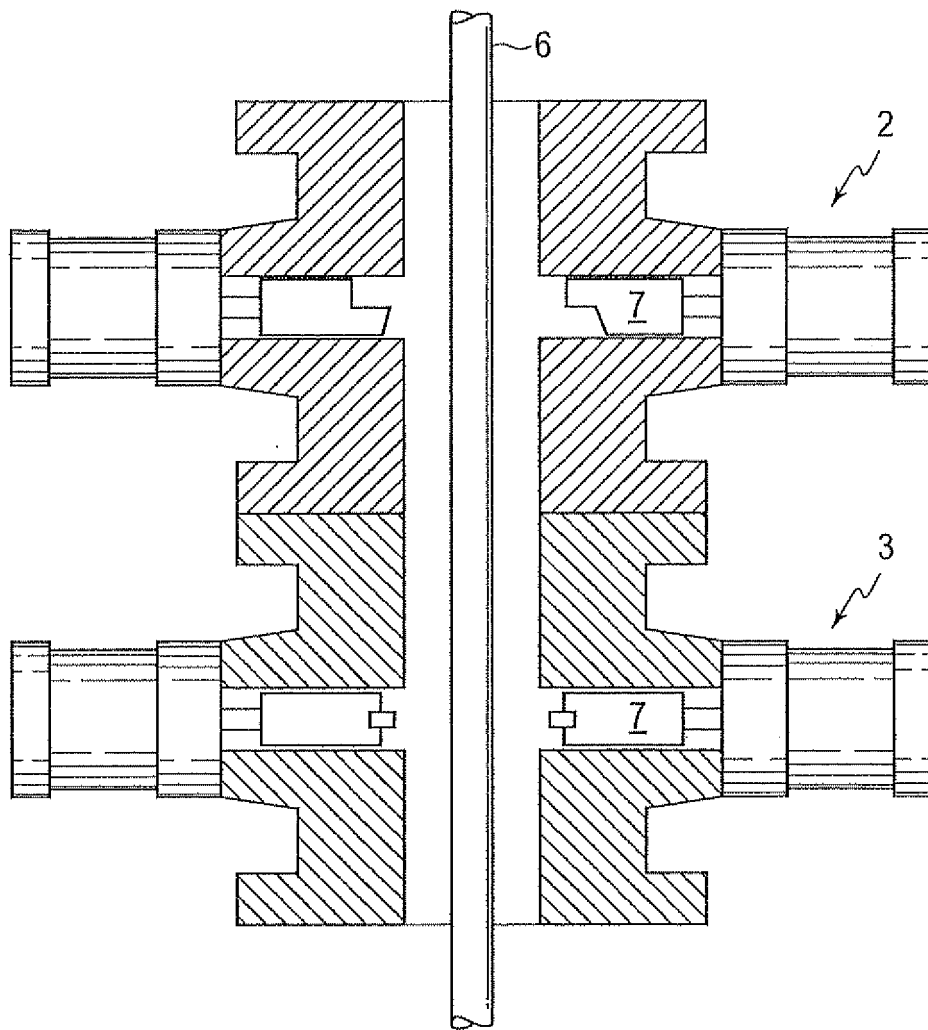


FIG. 4

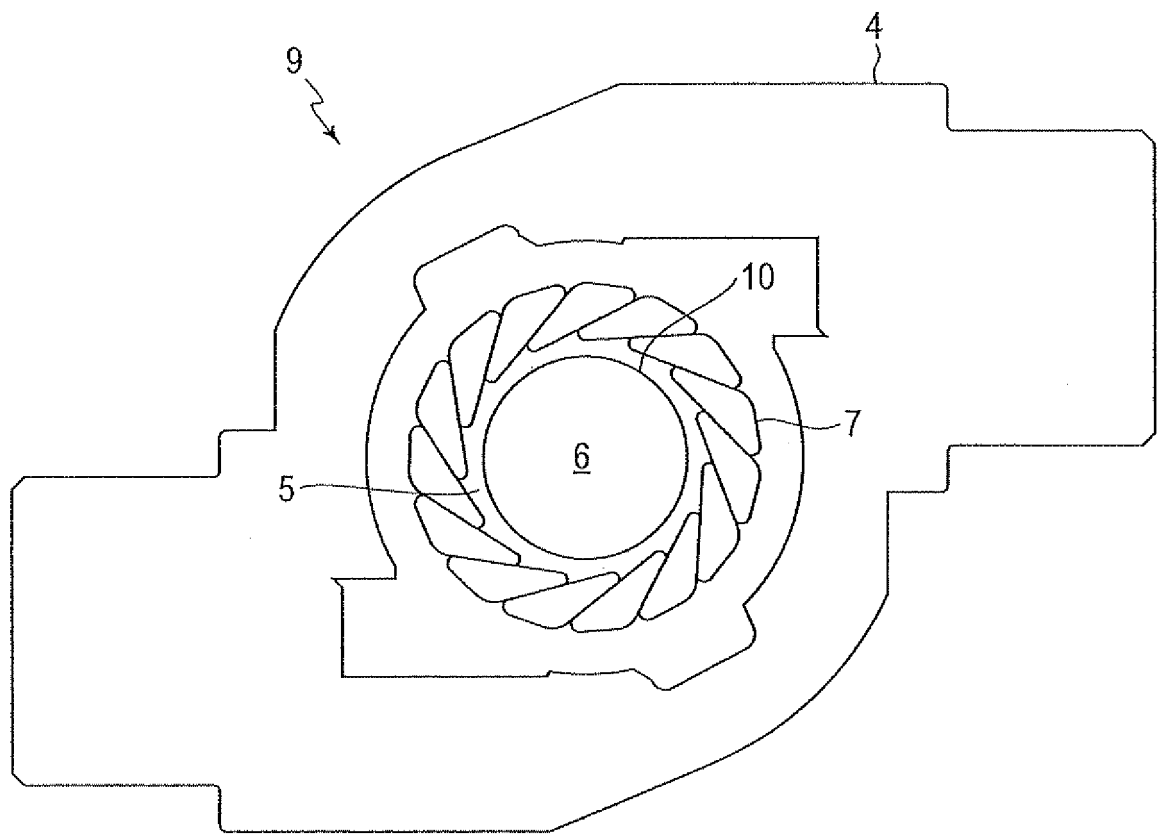


FIG. 5

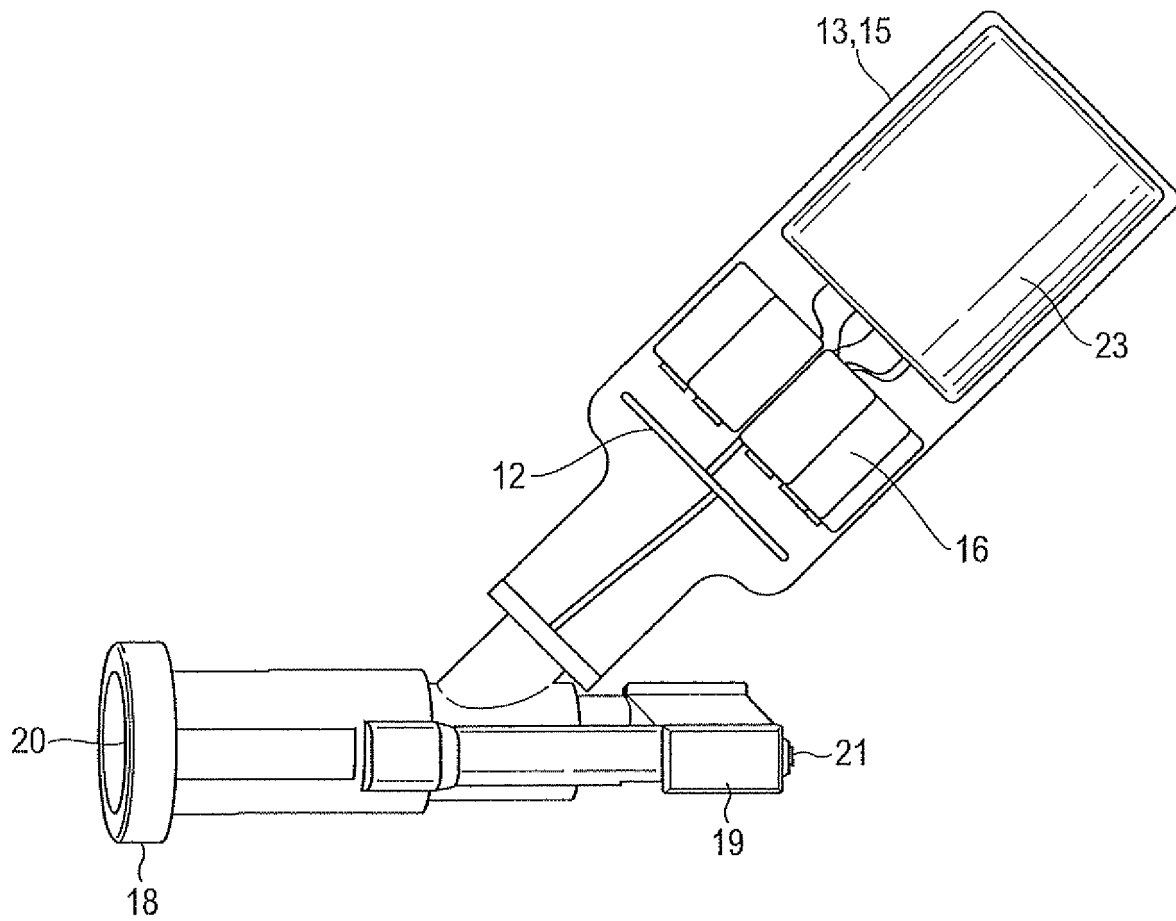


FIG. 6

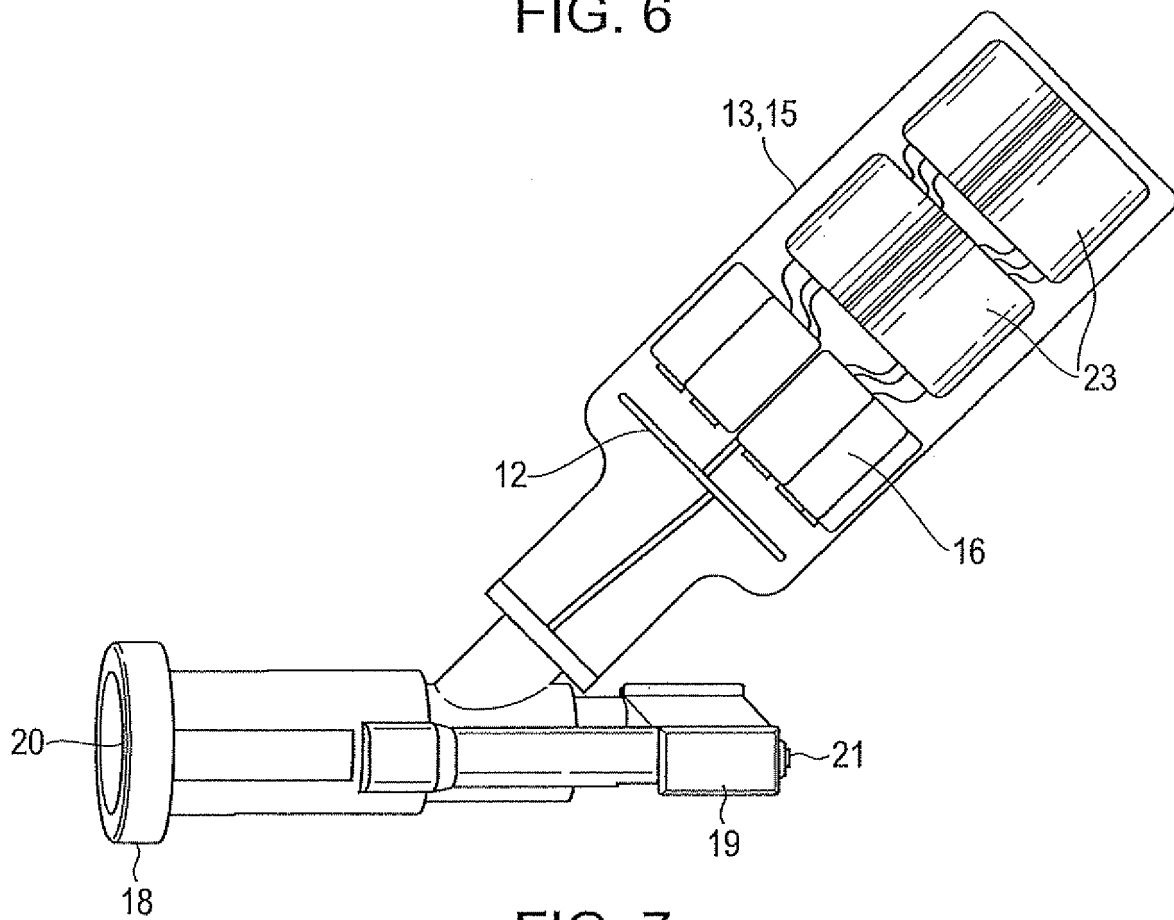


FIG. 7

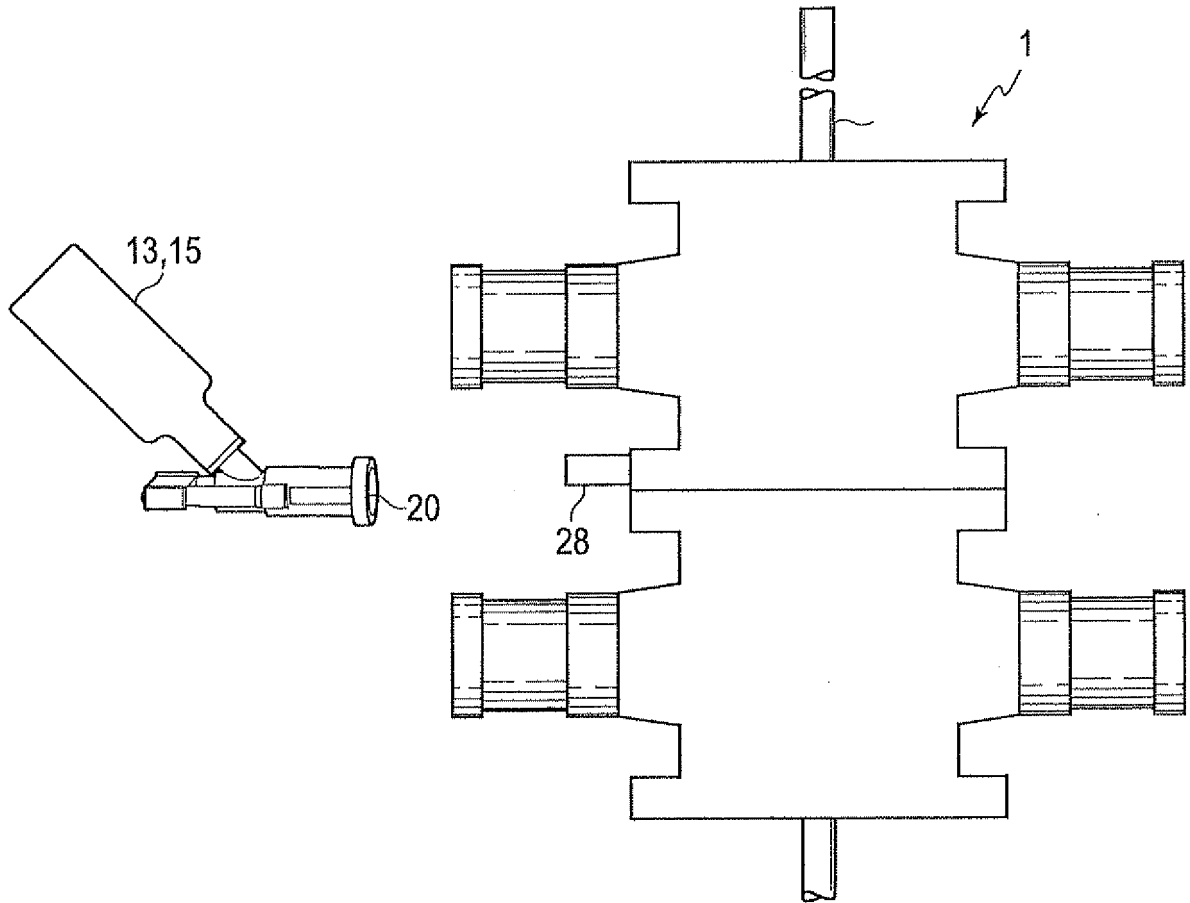


FIG. 8

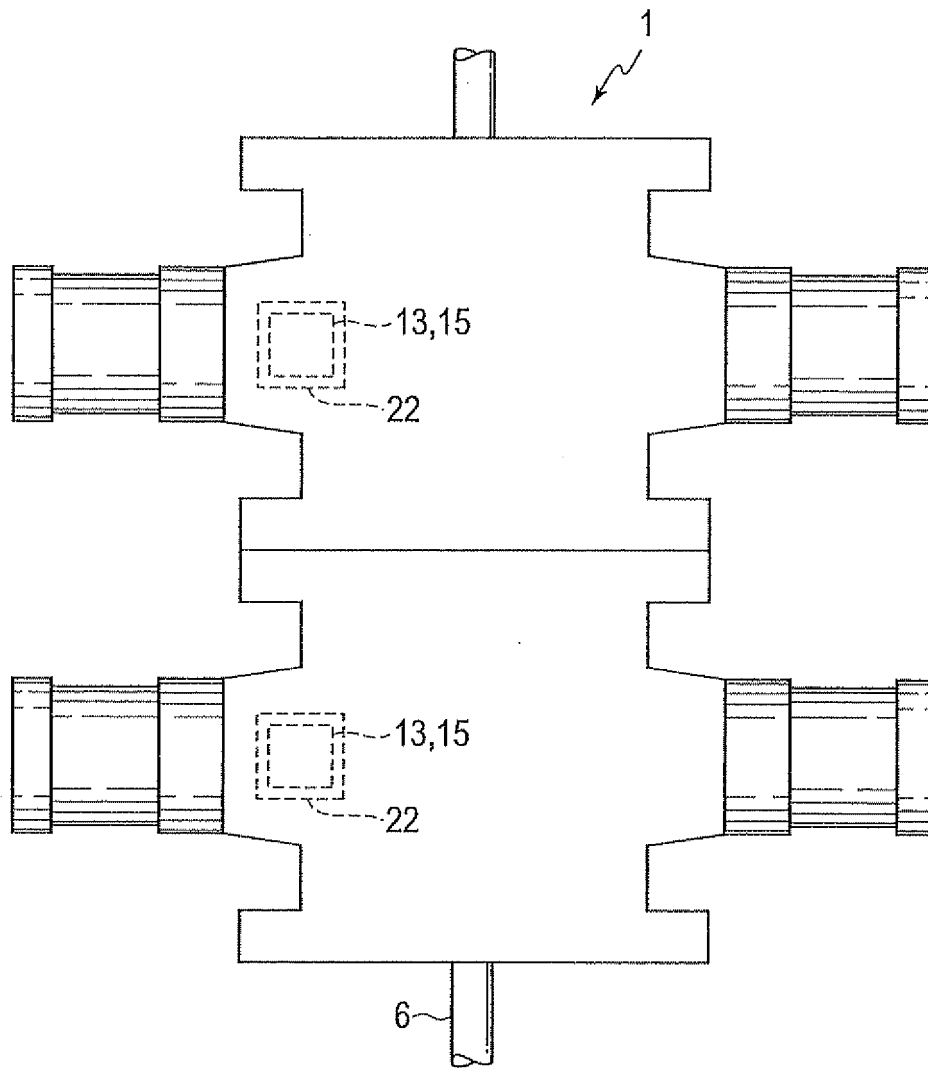


FIG. 9

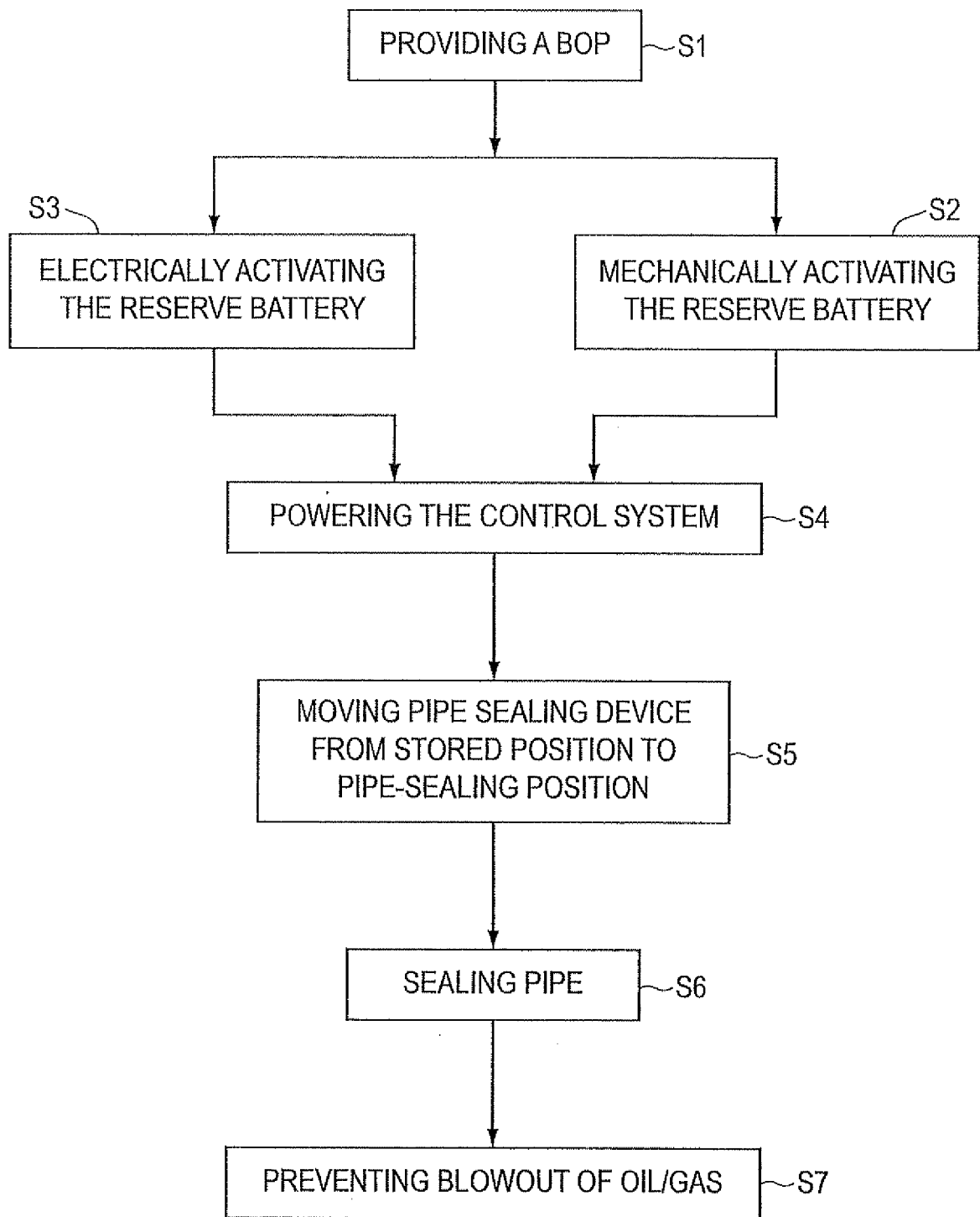


FIG. 10

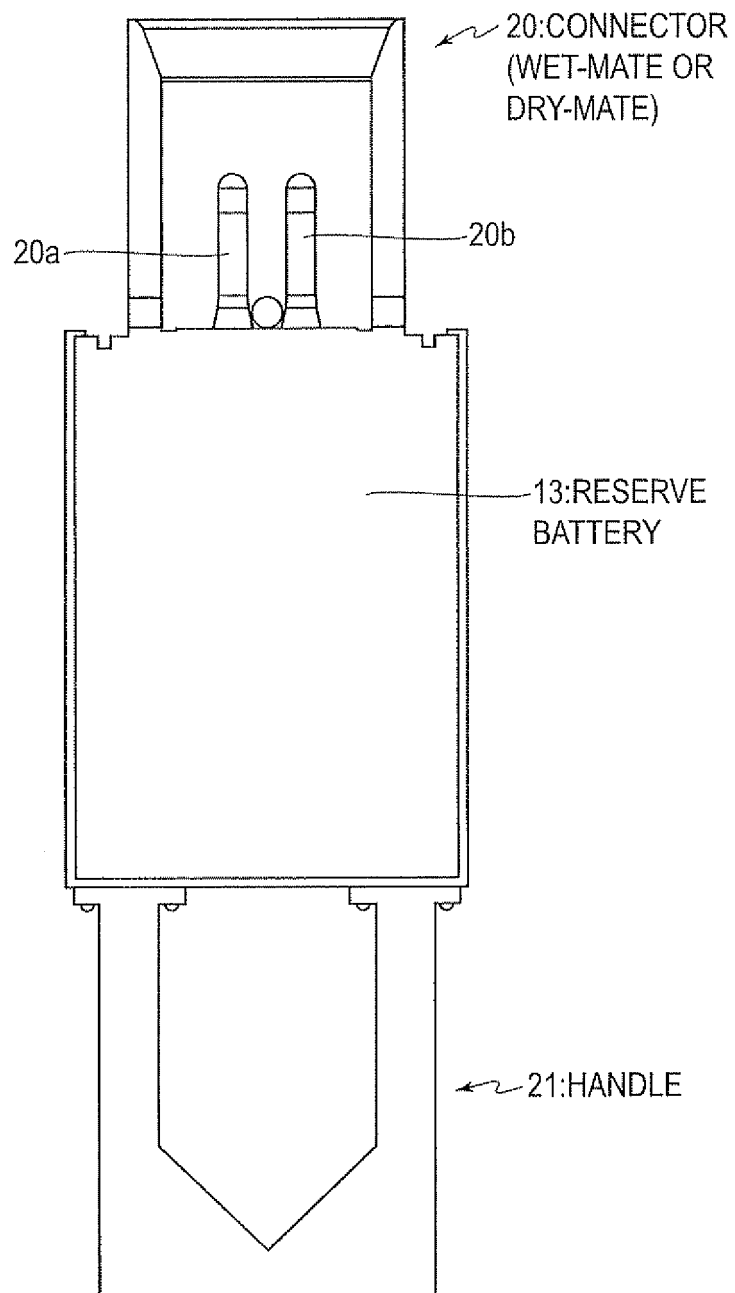


FIG. 11

TECHNICAL SPECIFICATIONS

Electrical Performance:

Number of Circuits (Pins):	4
Maximum Operational Current:	60 Amps per Pin
Maximum Operational Voltage:	1.7 kVAC /1.0 kVDC ($U_o = 1.0$ kVAC)
Insulation Resistance:	≥ 10 G Ω @ 1.0 kVDC
Leakage Current:	$\leq$ (test voltage)/10G Ω per Circuit
High Voltage Breakdown:	Breakdown $\geq 8 \cdot U_o$ (8.0 kVAC)

Mechanical Performance:

Design Life:	25 Years
Max Operational Depth:	10,000 ft [3,000 m]
Max Operational Pressure:	4,350 psi [300 Bar]
Qualification Pressure:	6,525 psi [450 Bar]
Design Temperature:	-13°F to 131°F [-25°C to +55°C]
Operational Temperature:	+23°F to +104°F [-5°C to +40°C]
Storage Temperature:	-13°F to +122°F [-25°C to +50°C]

FIG. 12

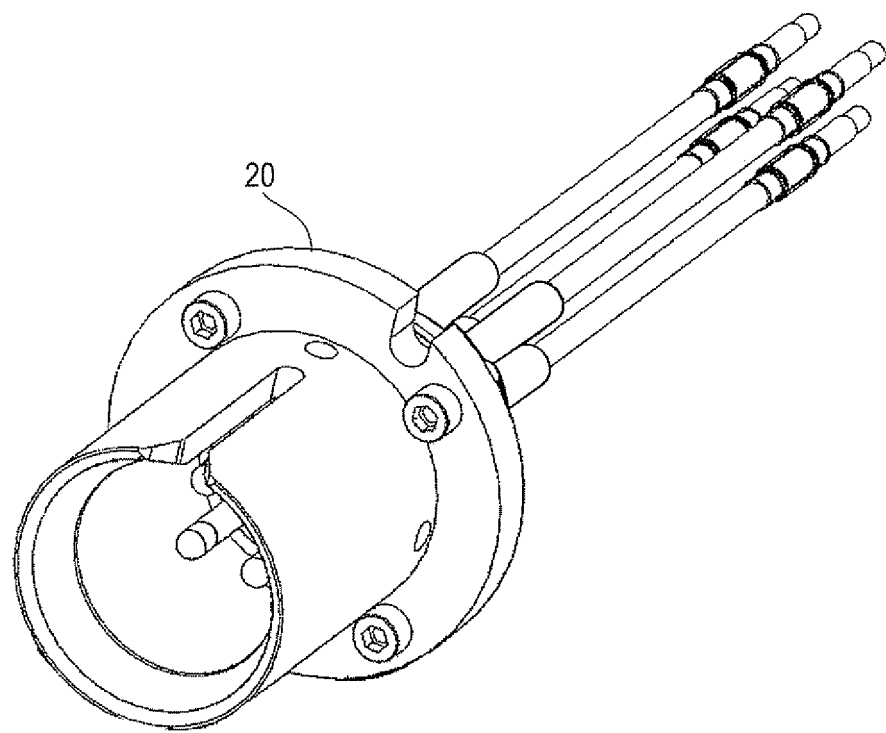


FIG. 13

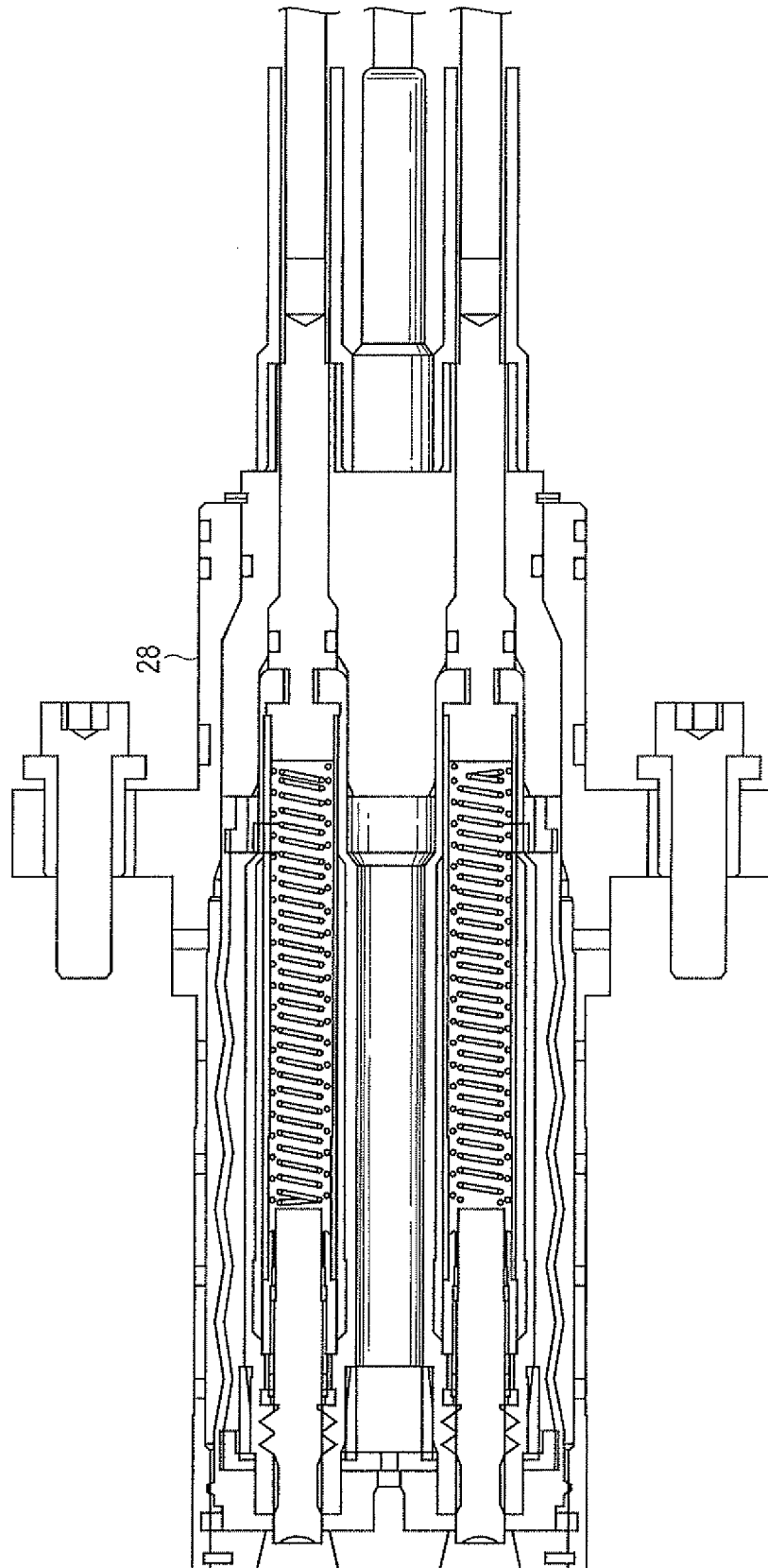


FIG. 14