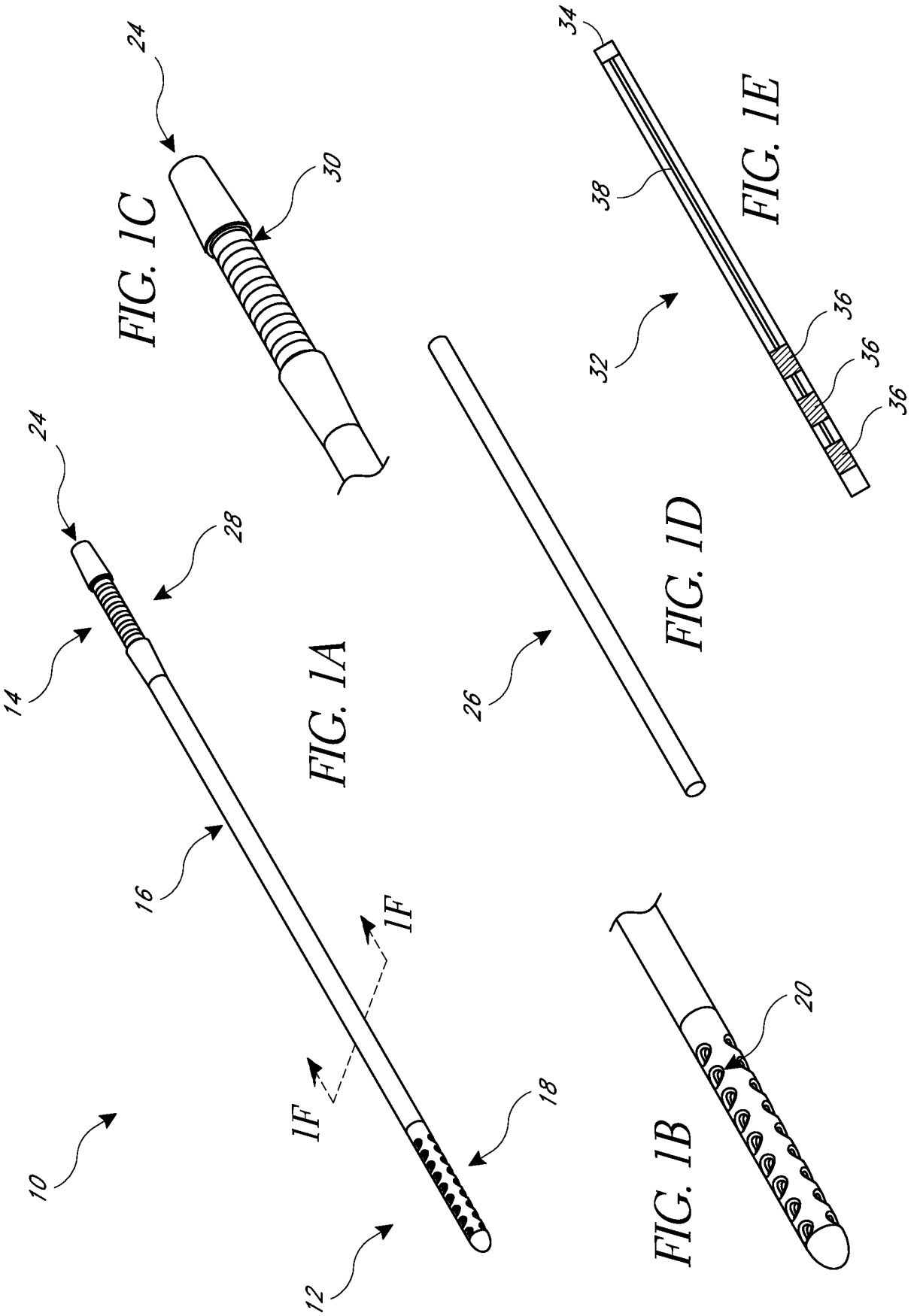

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1F
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FIG. 1A
FIG. 1B
FIG. 1C
FIG. 1D
FIG. 1E
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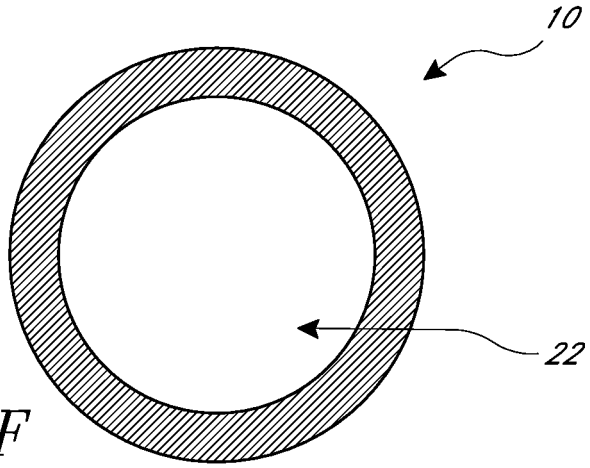


FIG. 1F

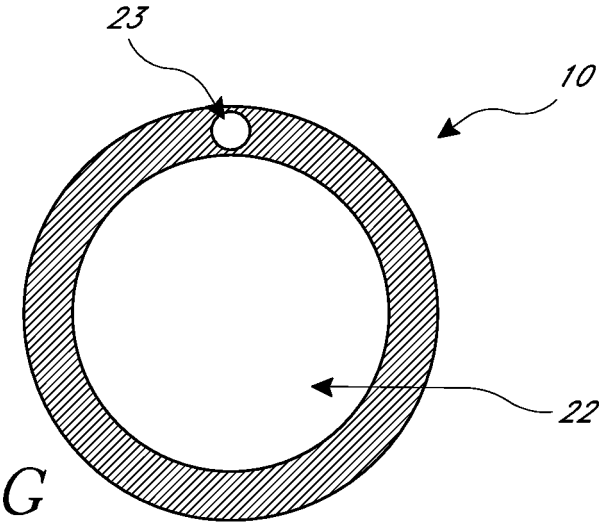


FIG. 1G

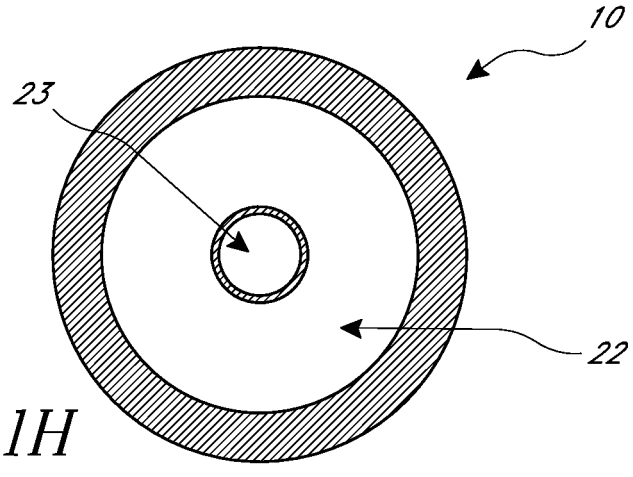


FIG. 1H

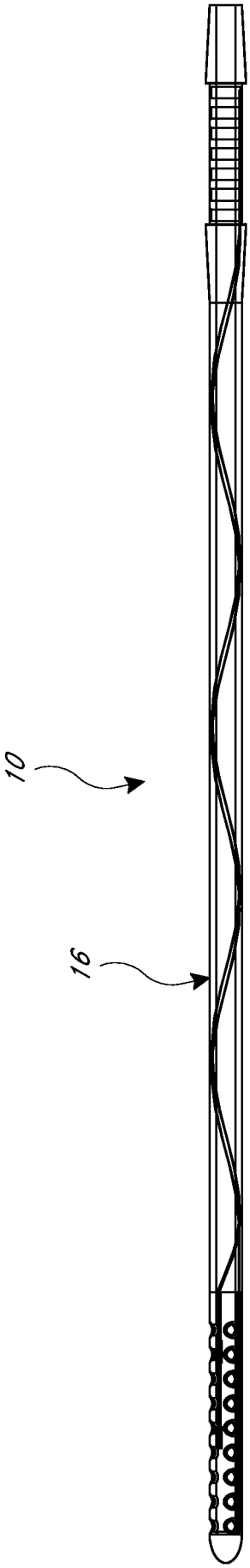


FIG. 2A

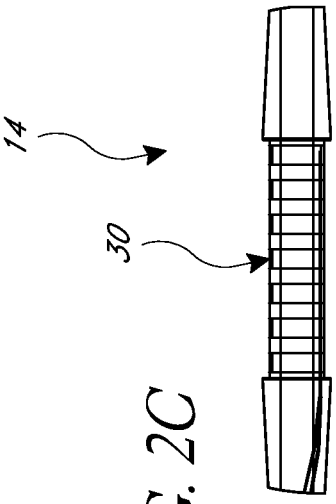


FIG. 2C

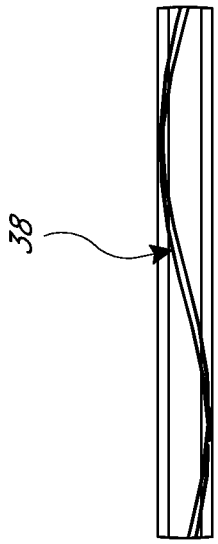


FIG. 2D

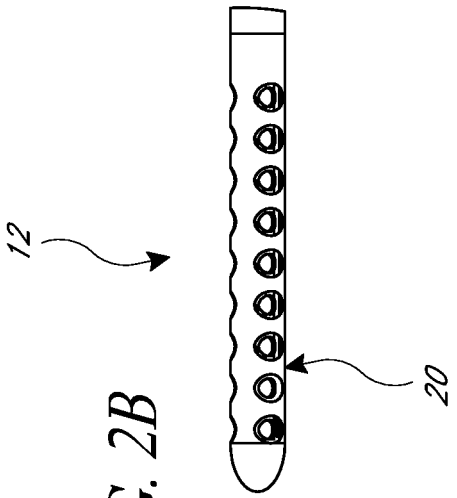


FIG. 2B

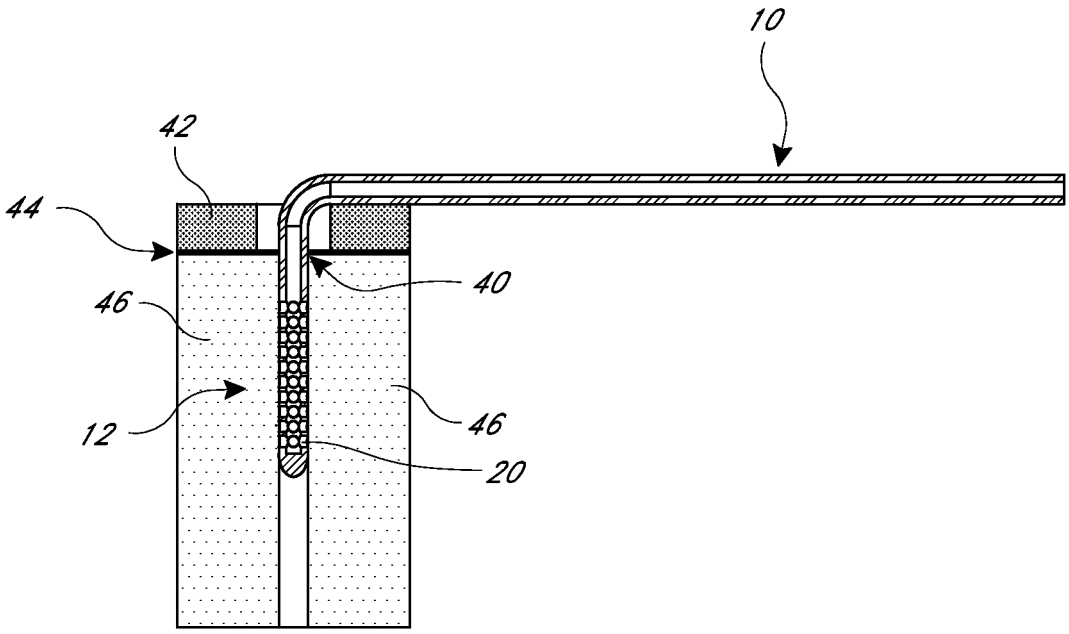


FIG. 3

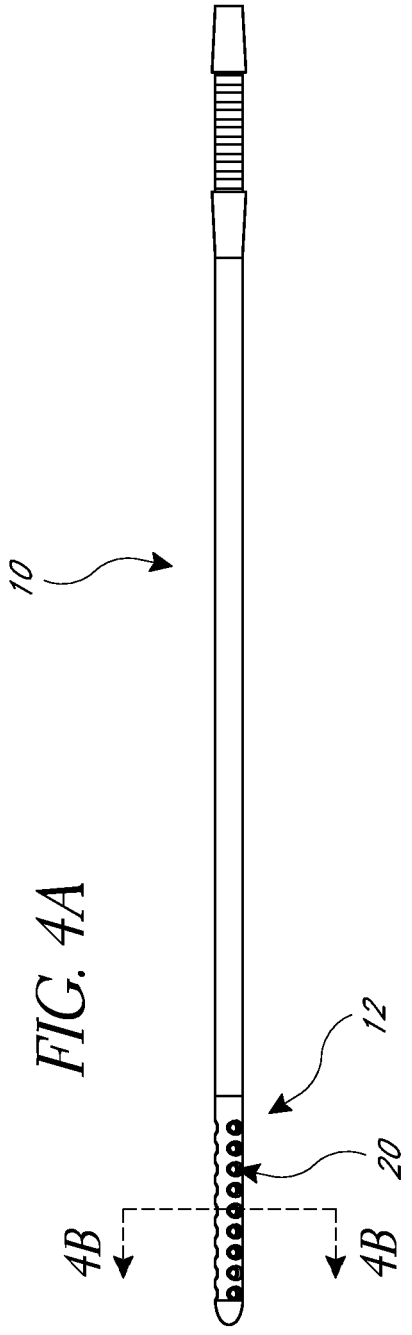


FIG. 4A

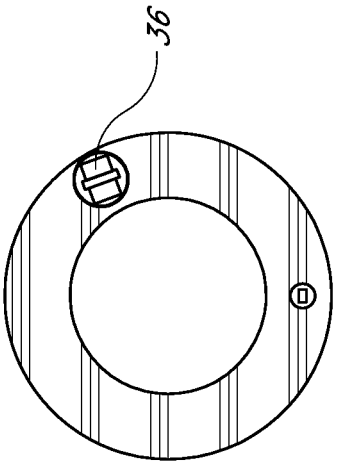


FIG. 4B

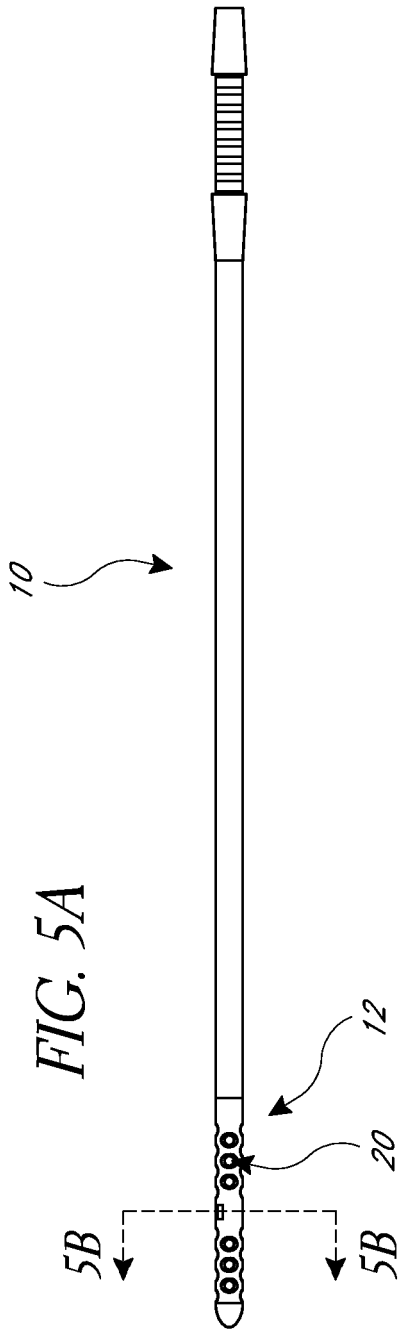


FIG. 5A

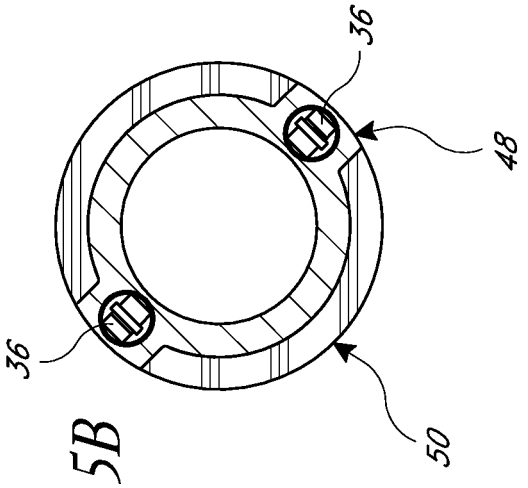
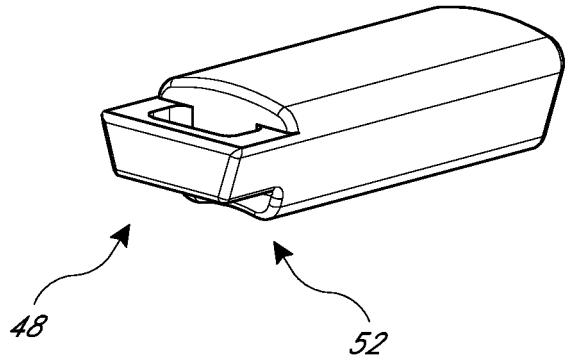


FIG. 5B

FIG. 6A



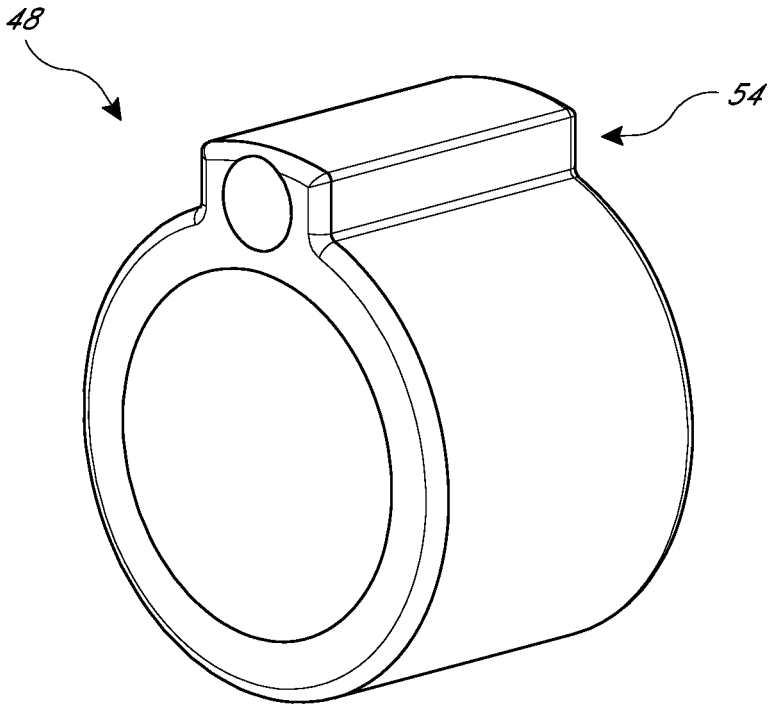


FIG. 6B



FIG. 7B

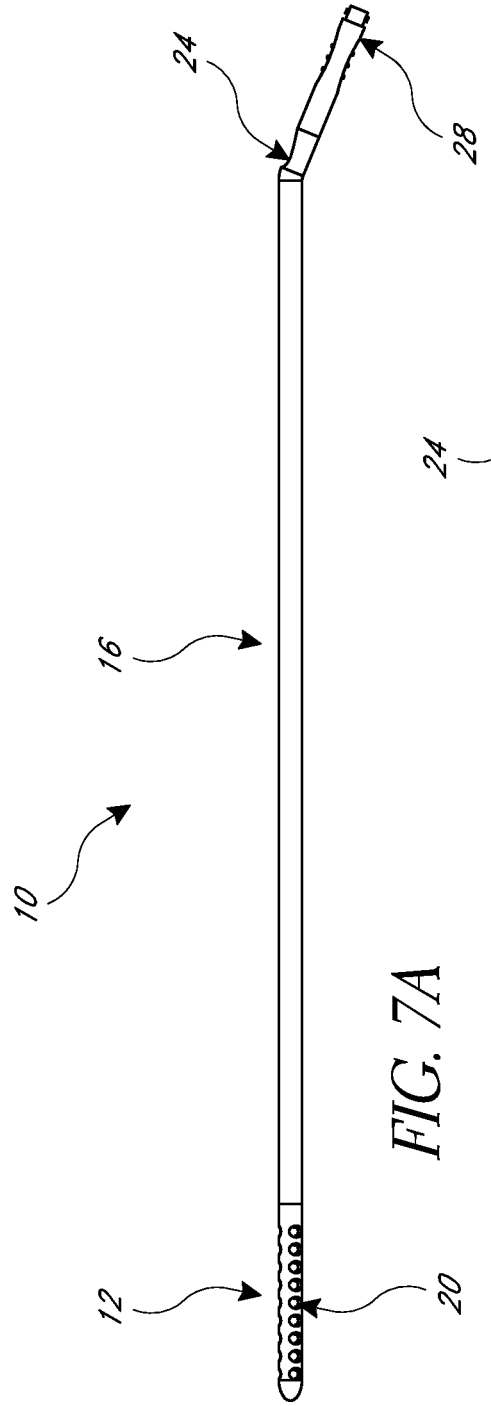


FIG. 7A

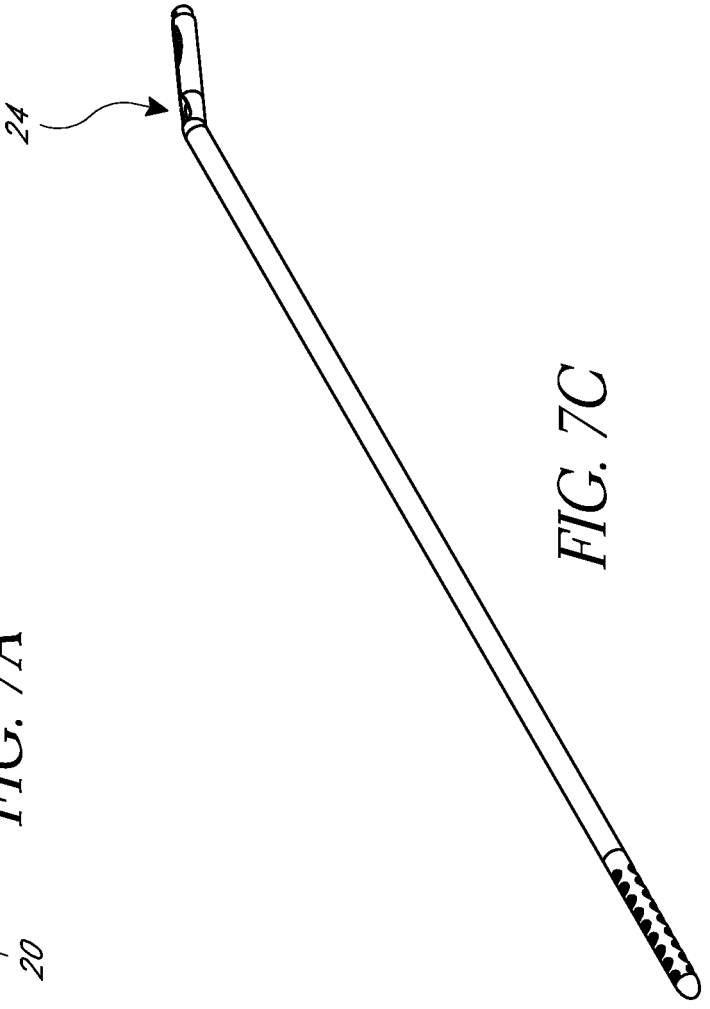


FIG. 7C

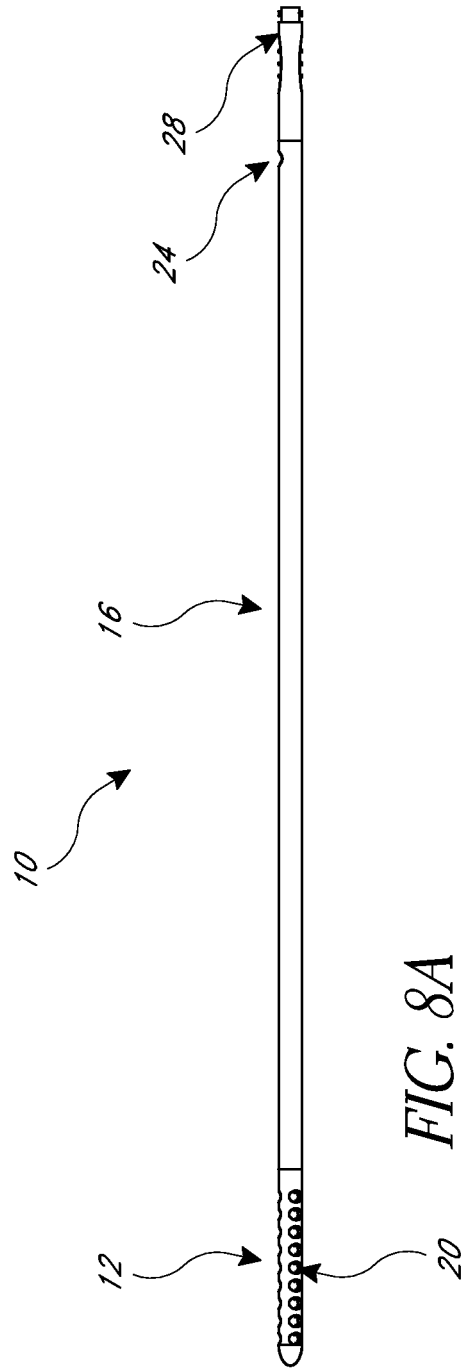


FIG. 8A

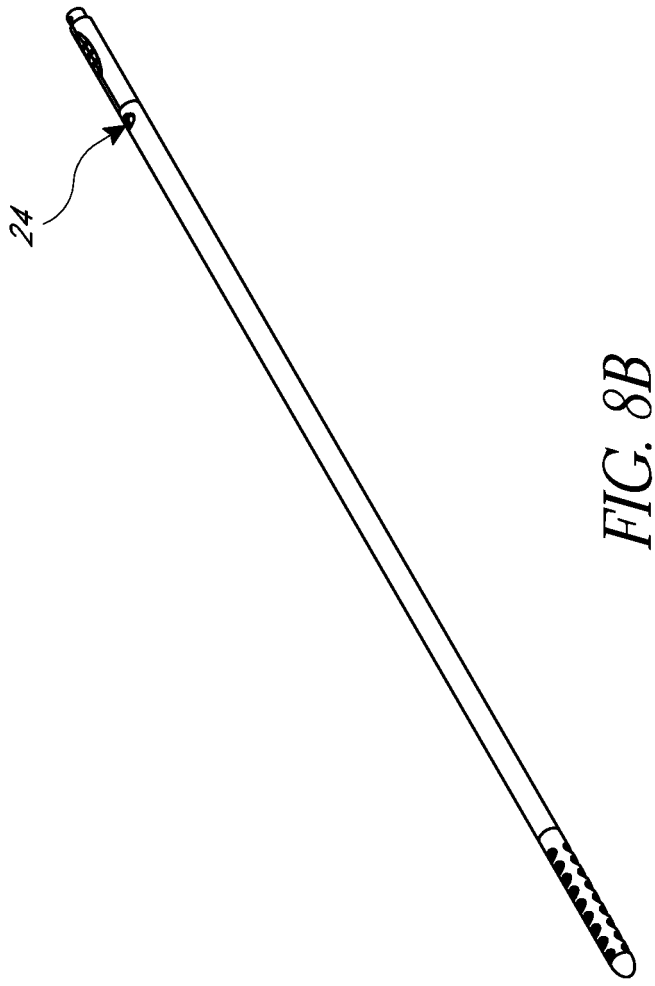


FIG. 8B

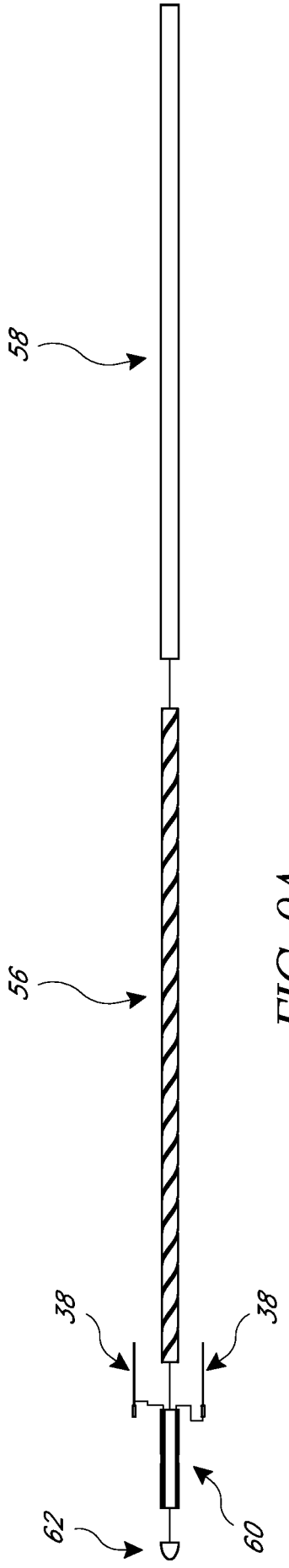


FIG. 9A

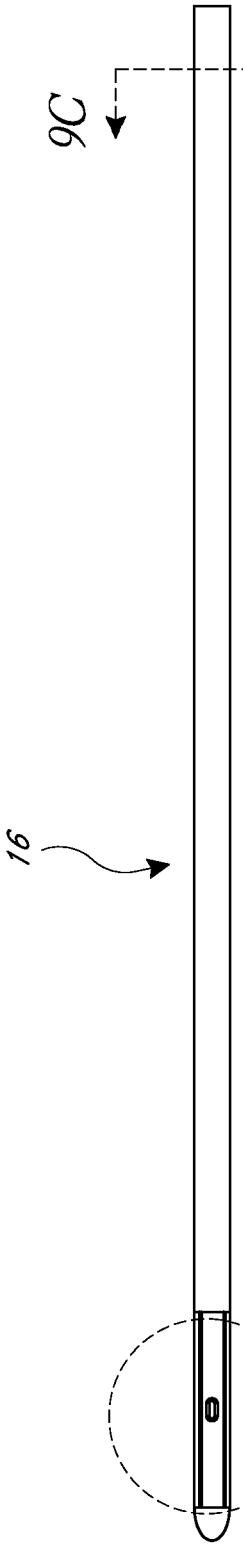


FIG. 9B

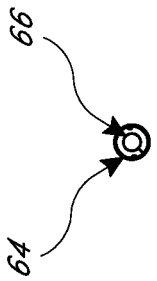


FIG. 9C

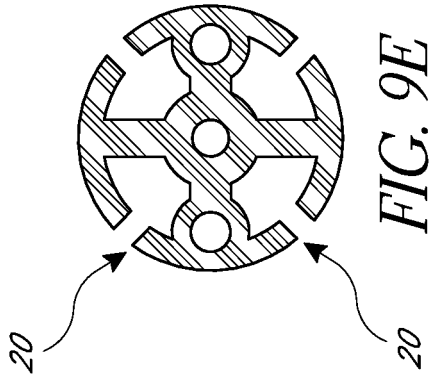


FIG. 9E

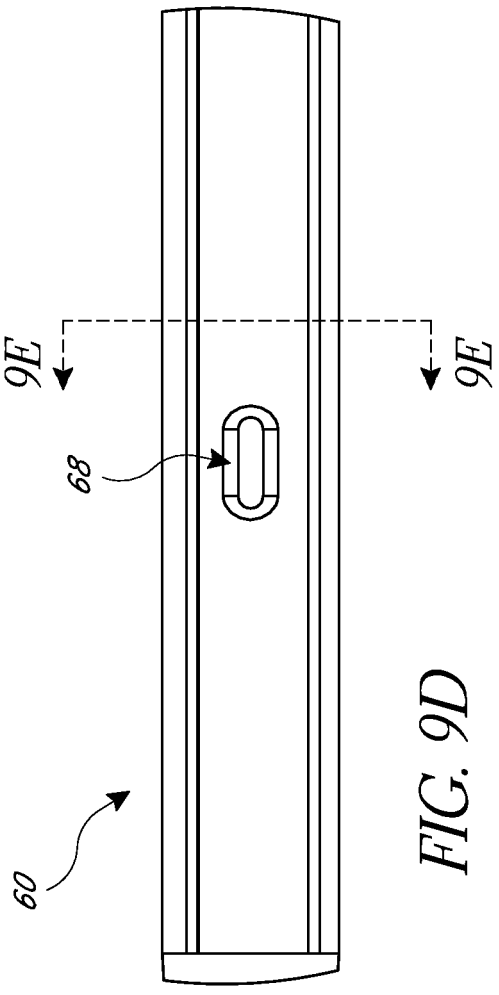


FIG. 9D

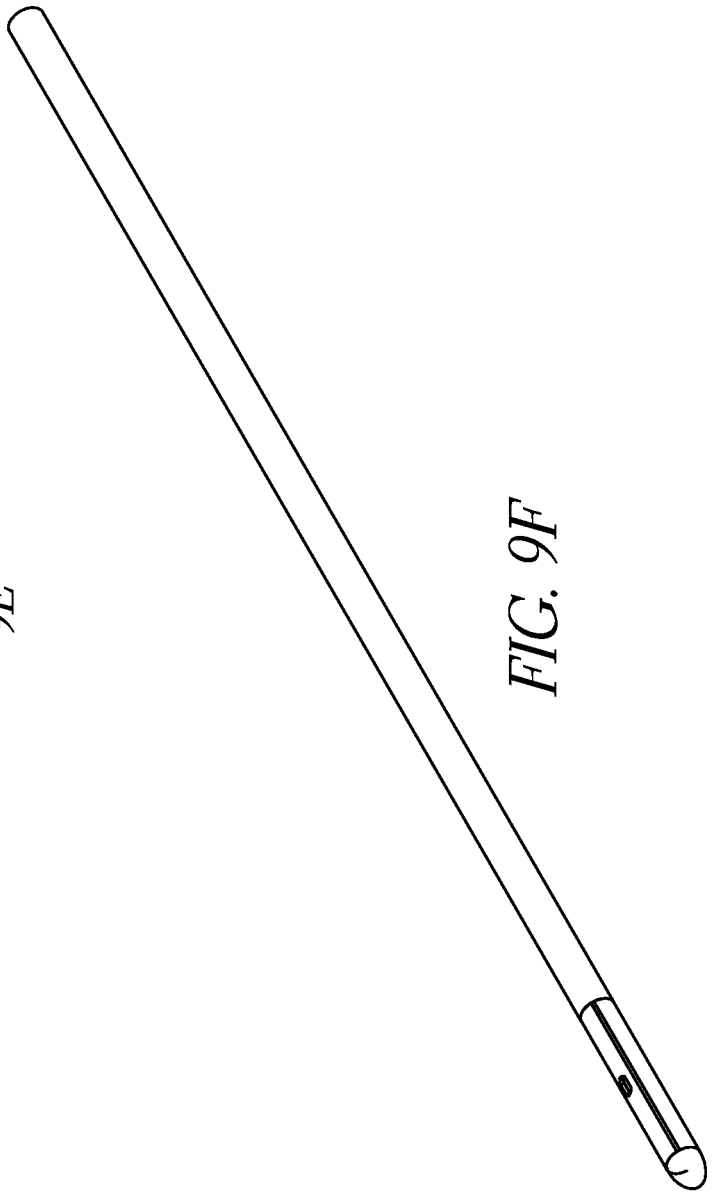


FIG. 9F

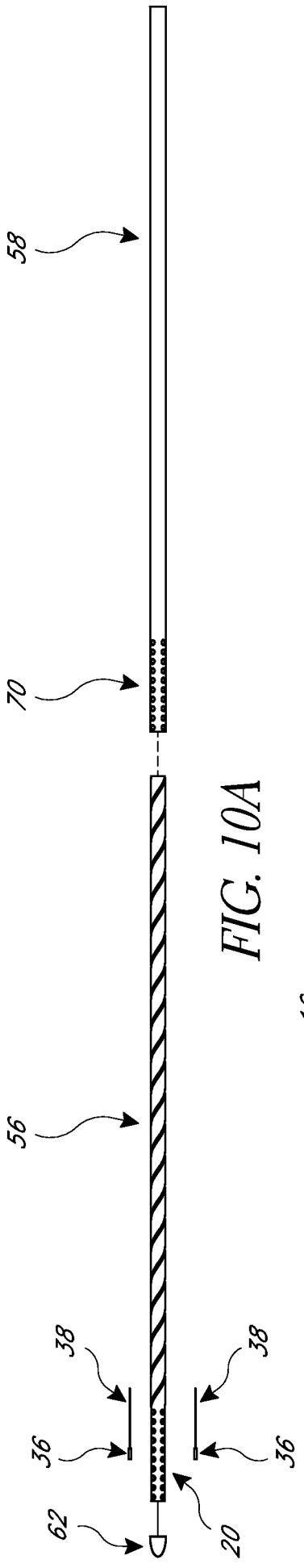


FIG. 10A

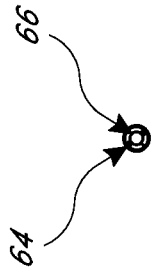


FIG. 10C

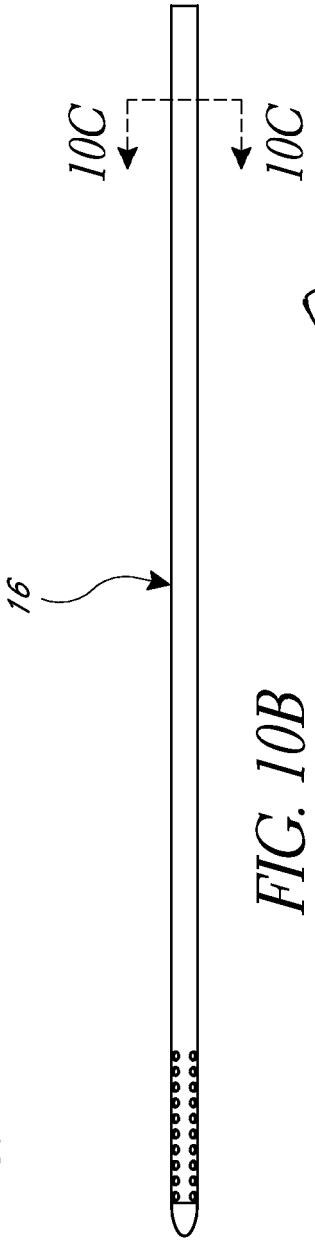


FIG. 10B

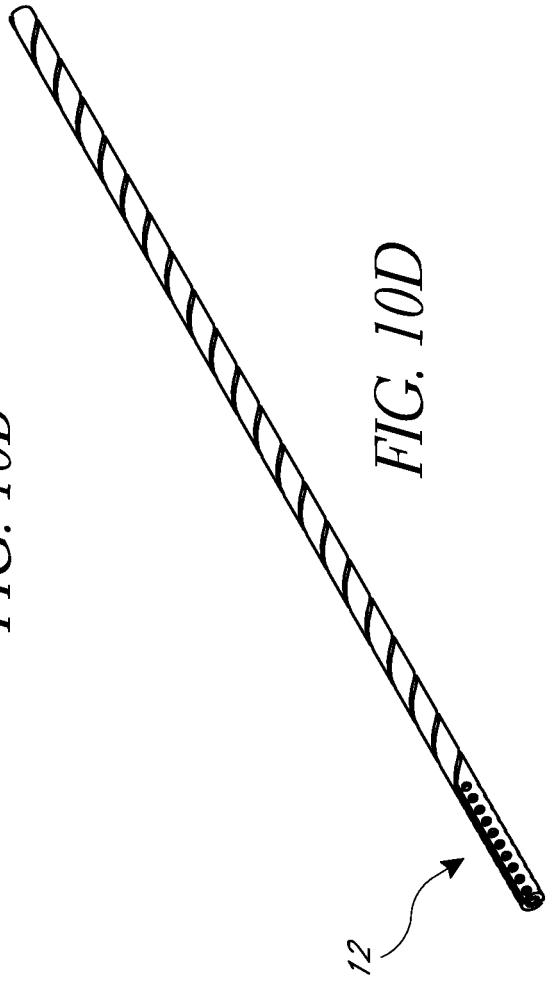


FIG. 10D

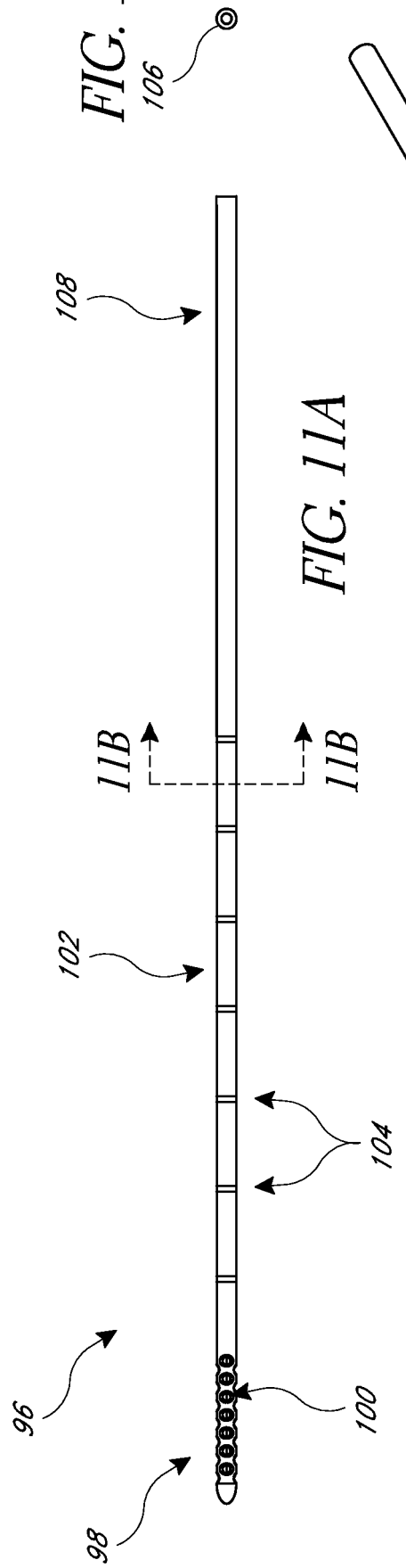


FIG. 11A

FIG. 11B

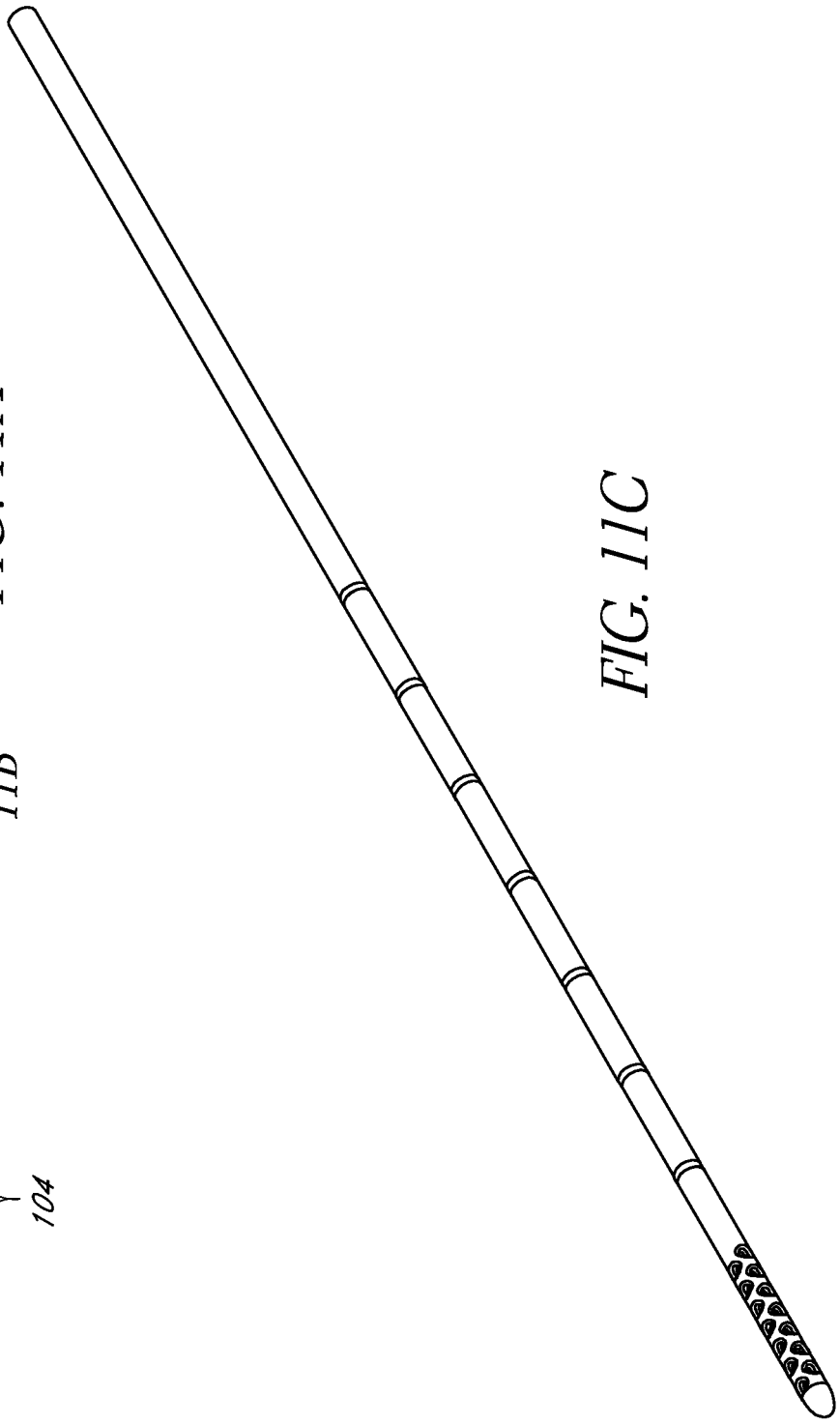


FIG. 11C

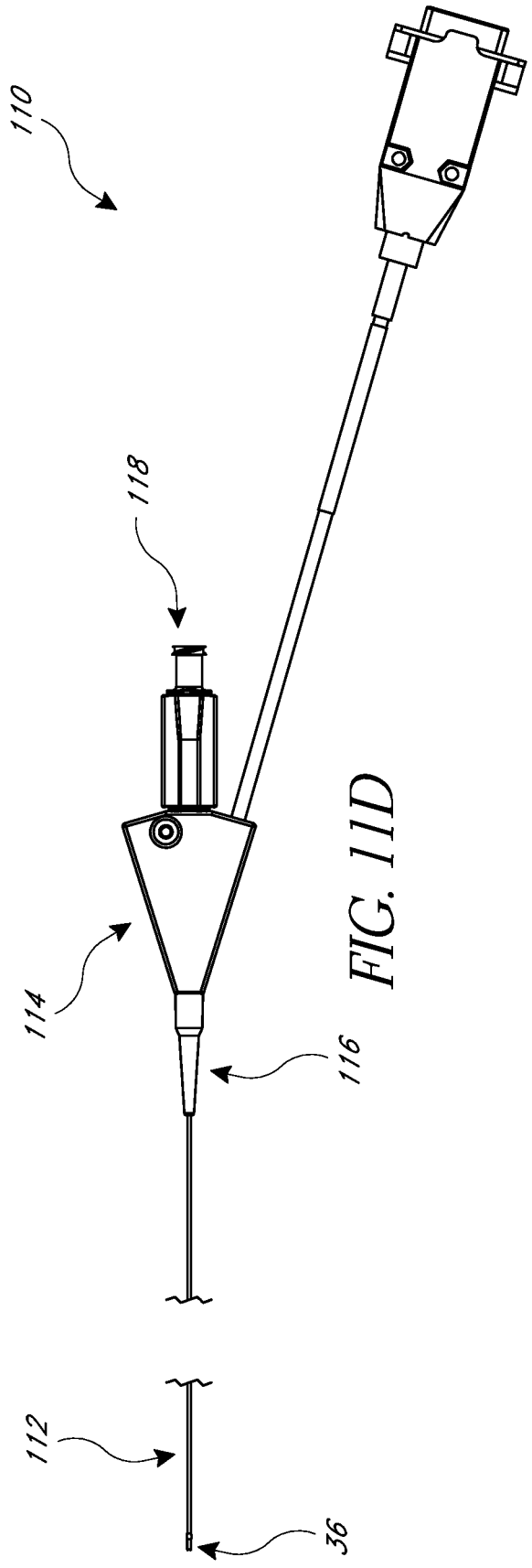


FIG. 11D

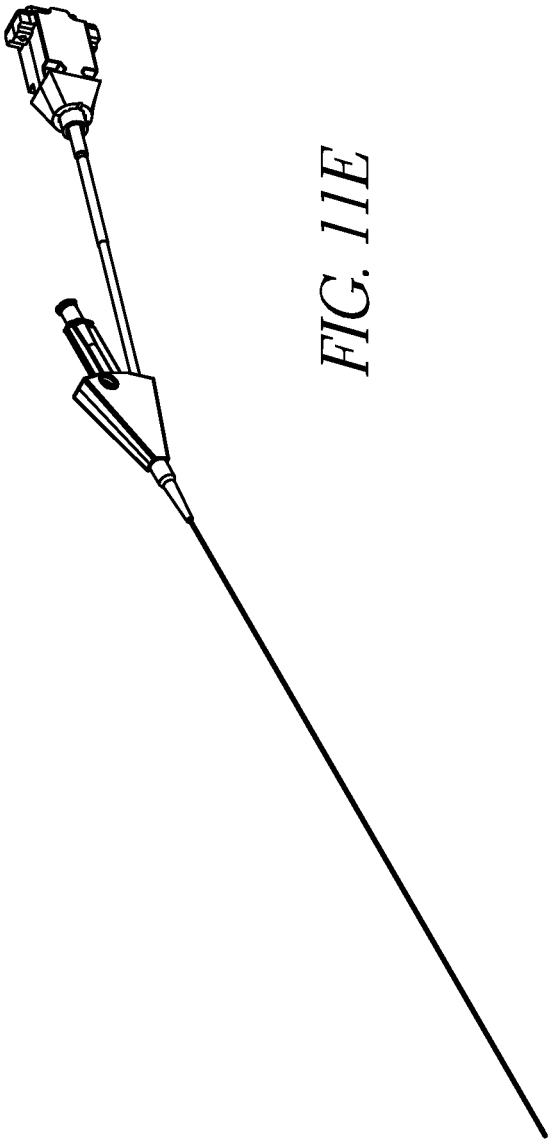


FIG. 11E

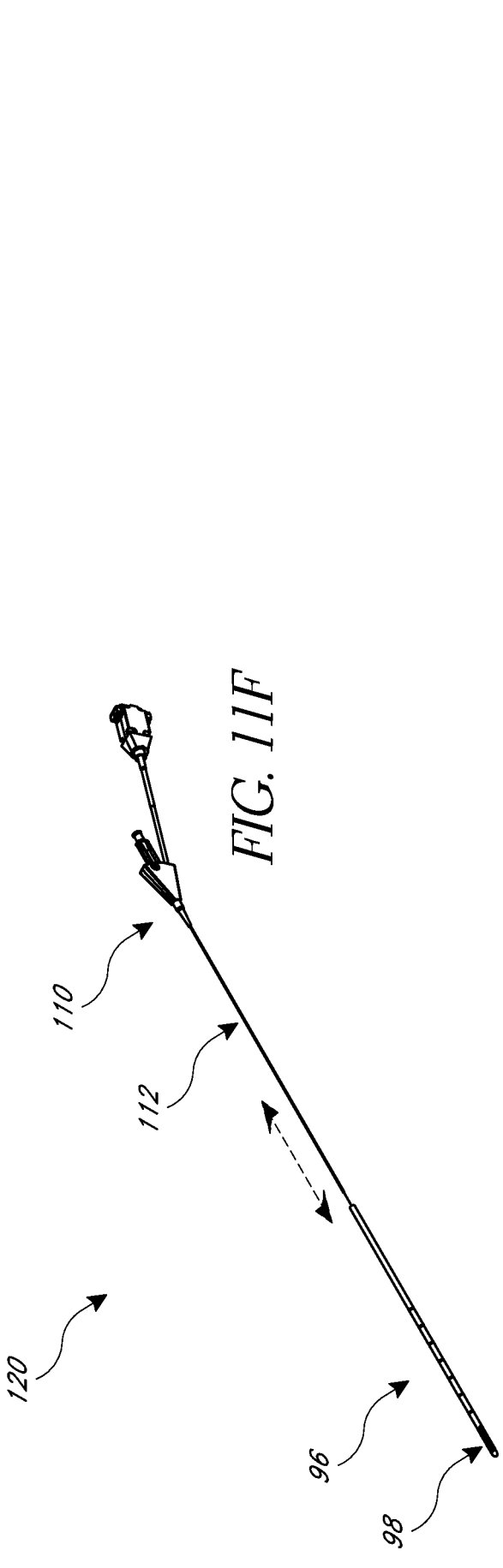


FIG. 11F

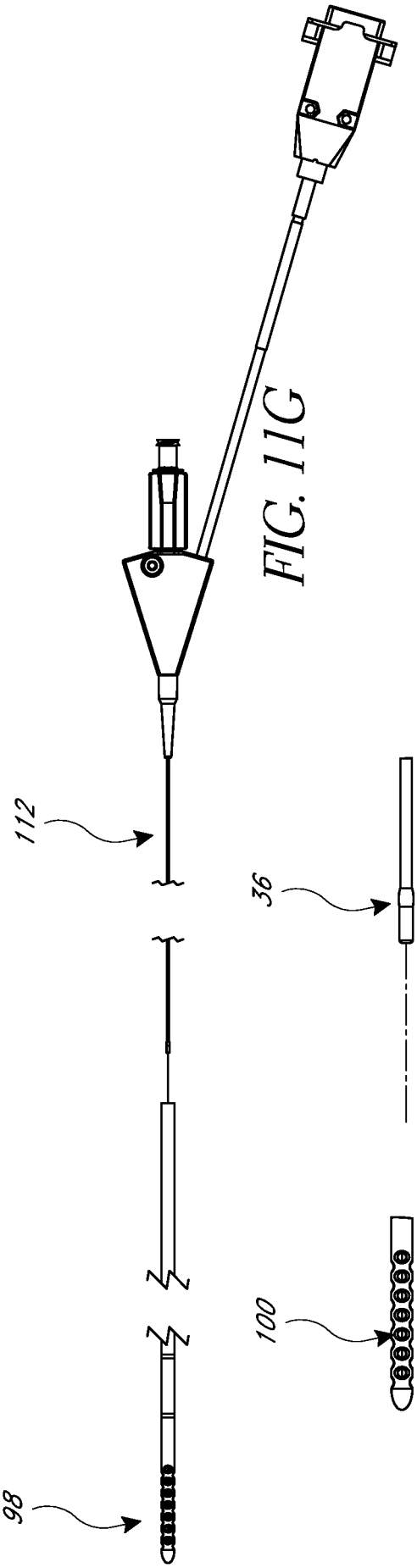


FIG. 11G

FIG. 11I

FIG. 11H

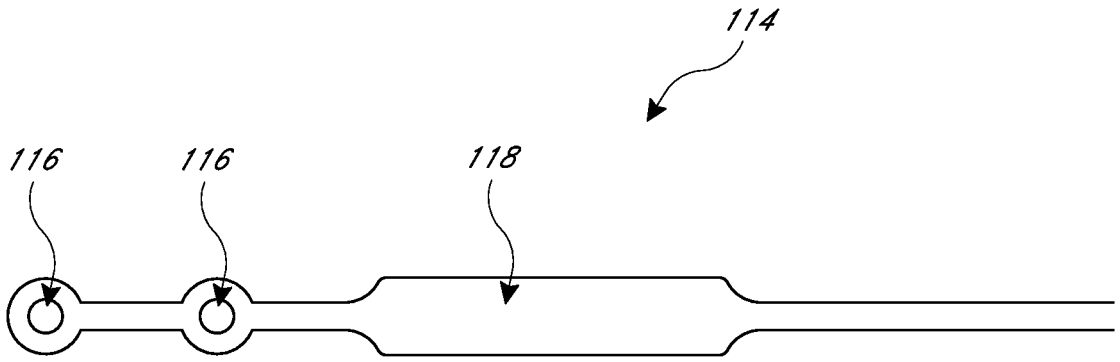


FIG. 12A

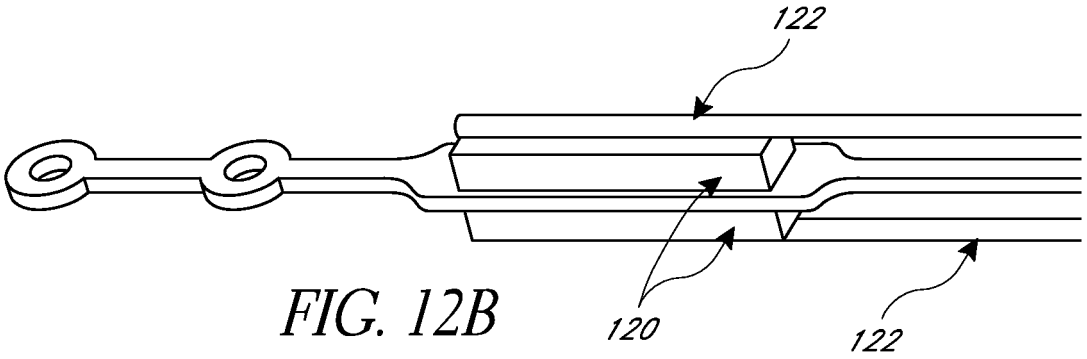


FIG. 12B

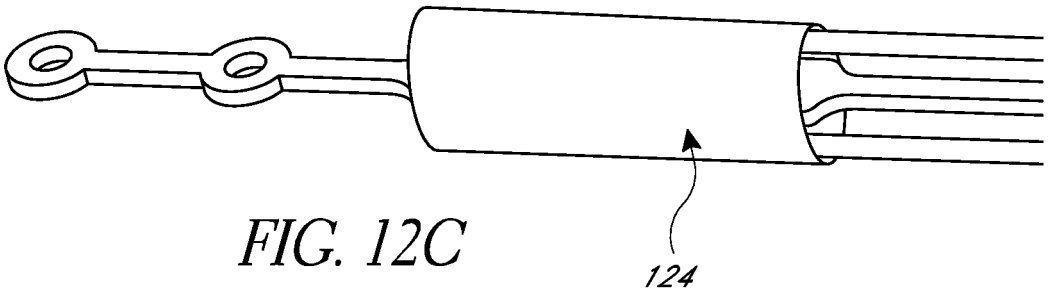


FIG. 12C

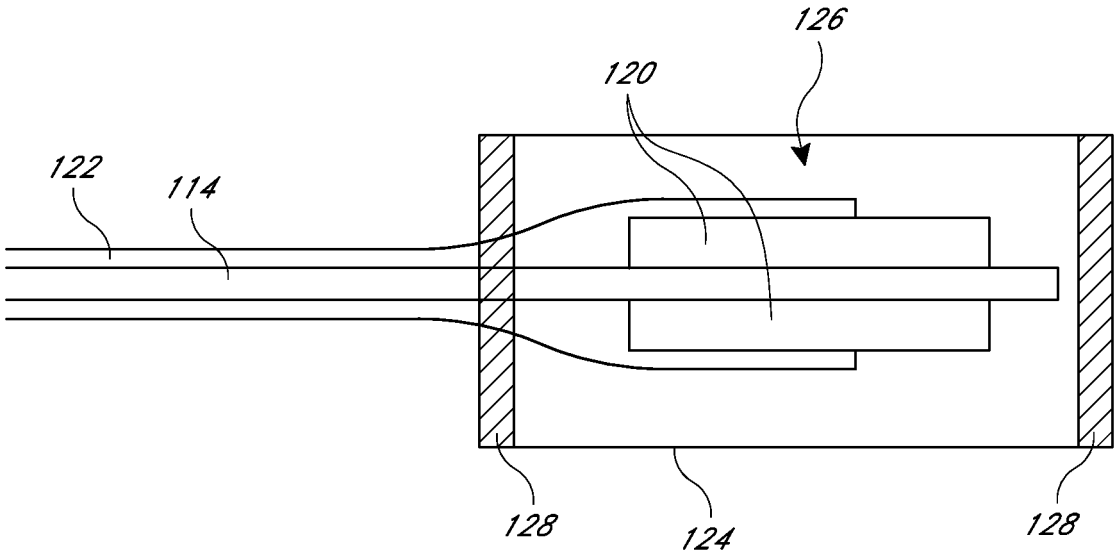


FIG. 13

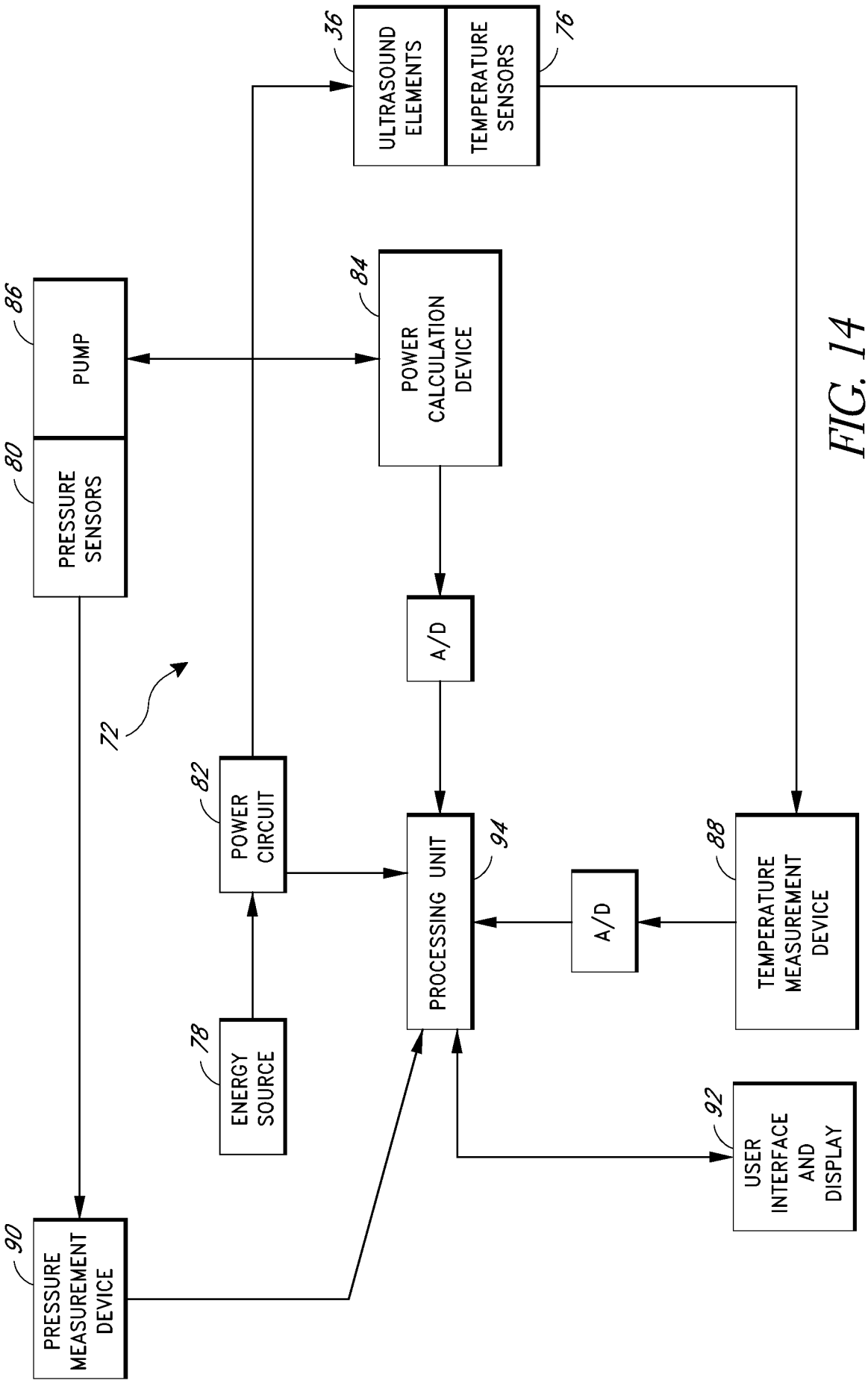

36
ULTRASOUND ELEMENTS
TEMPERATURE SENSORS
76
86
PUMP
84
POWER CALCULATION DEVICE
80
PRESSURE SENSORS
A/D
72
82
POWER CIRCUIT
94
PROCESSING UNIT
88
TEMPERATURE MEASUREMENT DEVICE
A/D
78
ENERGY SOURCE
92
USER INTERFACE AND DISPLAY
90
PRESSURE MEASUREMENT DEVICE

FIG. 14

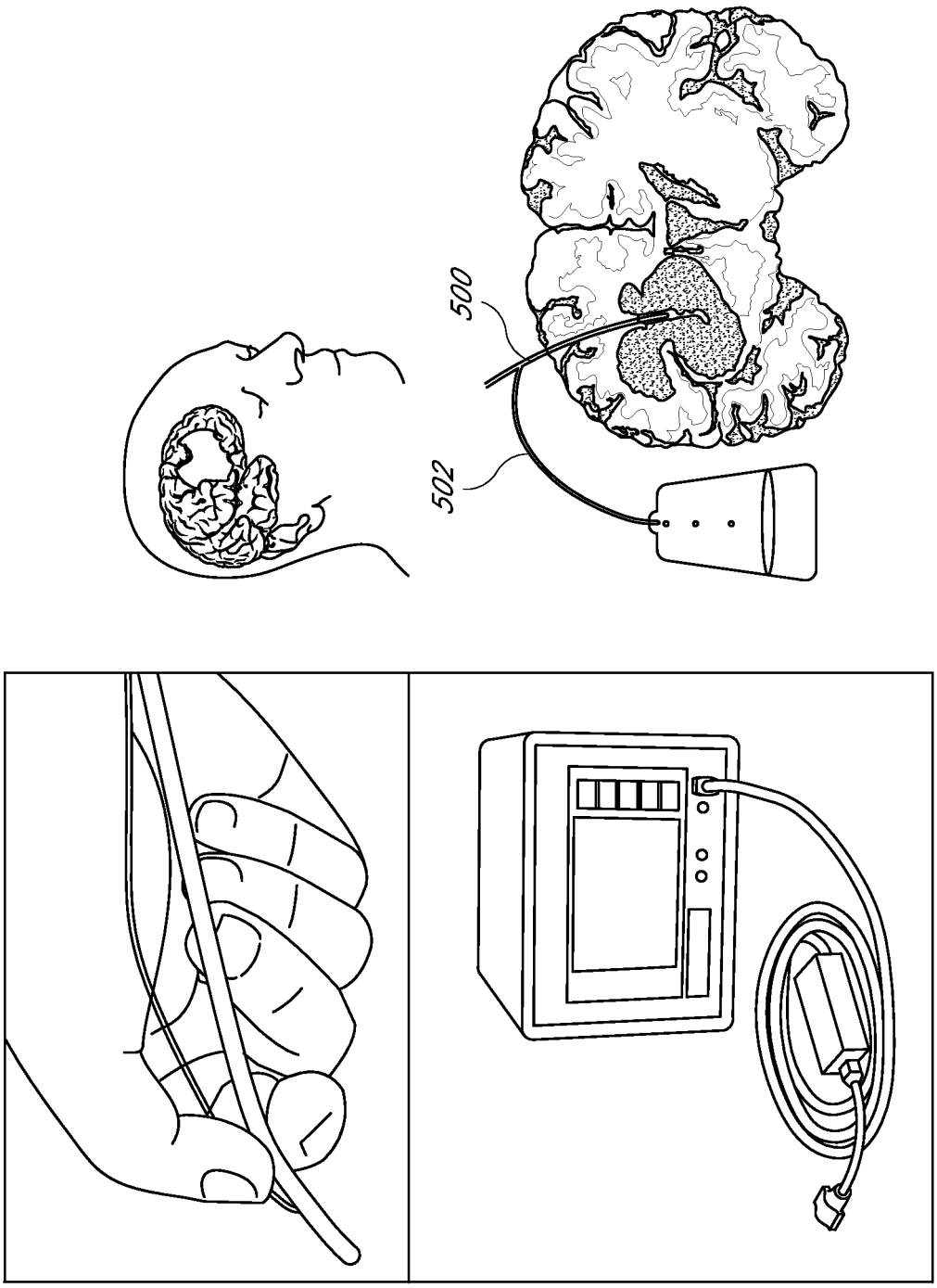


FIG. 15

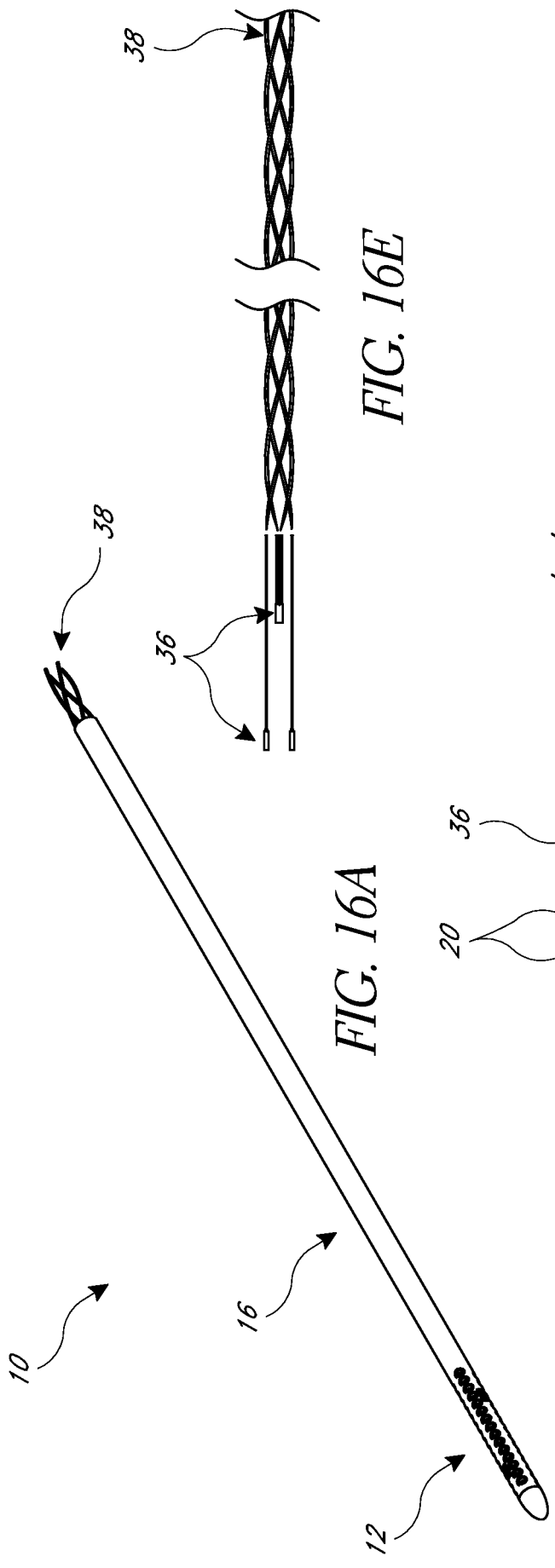


FIG. 16A

FIG. 16E

FIG. 16B

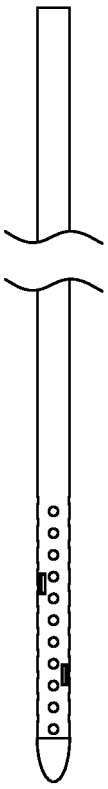


FIG. 16C

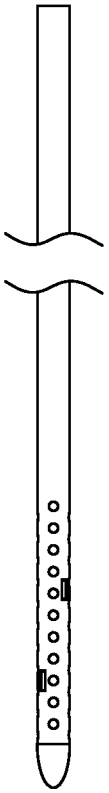


FIG. 16D

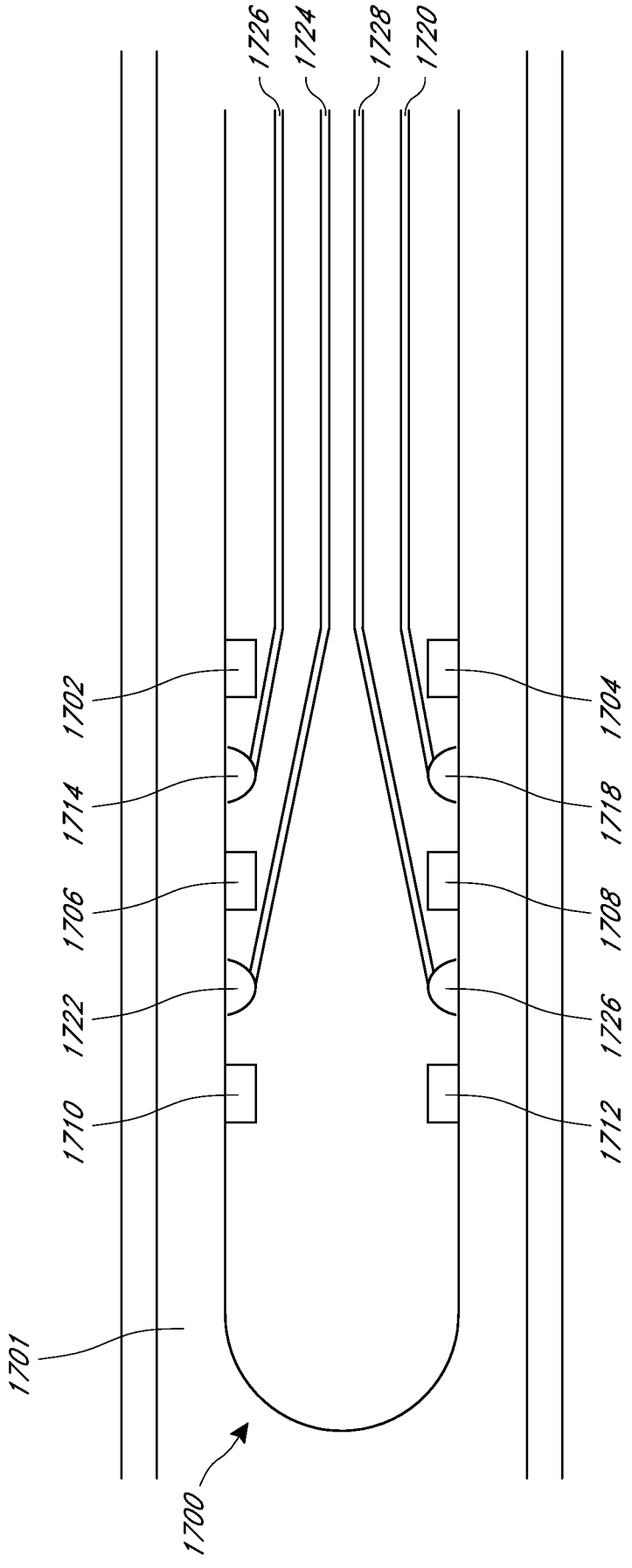

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FIG. 17A

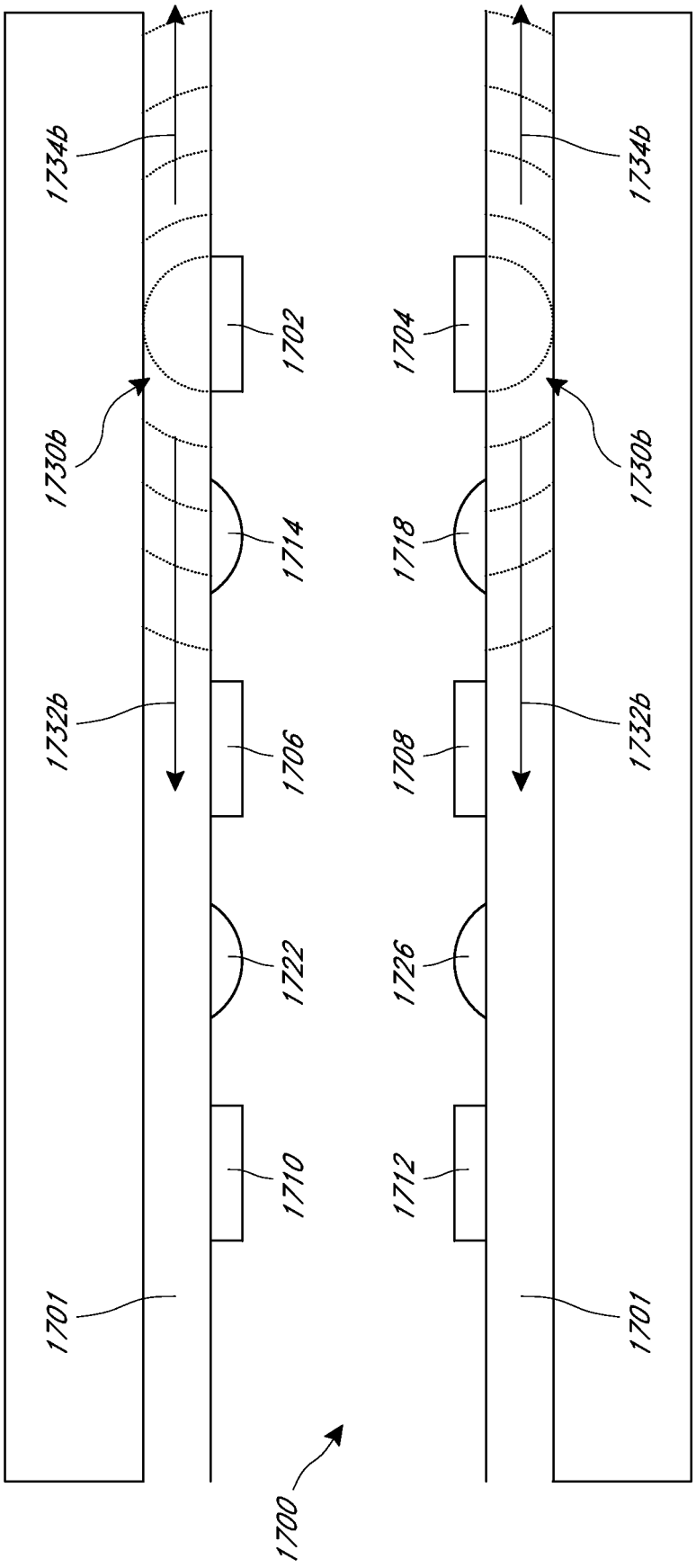

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FIG. 17B

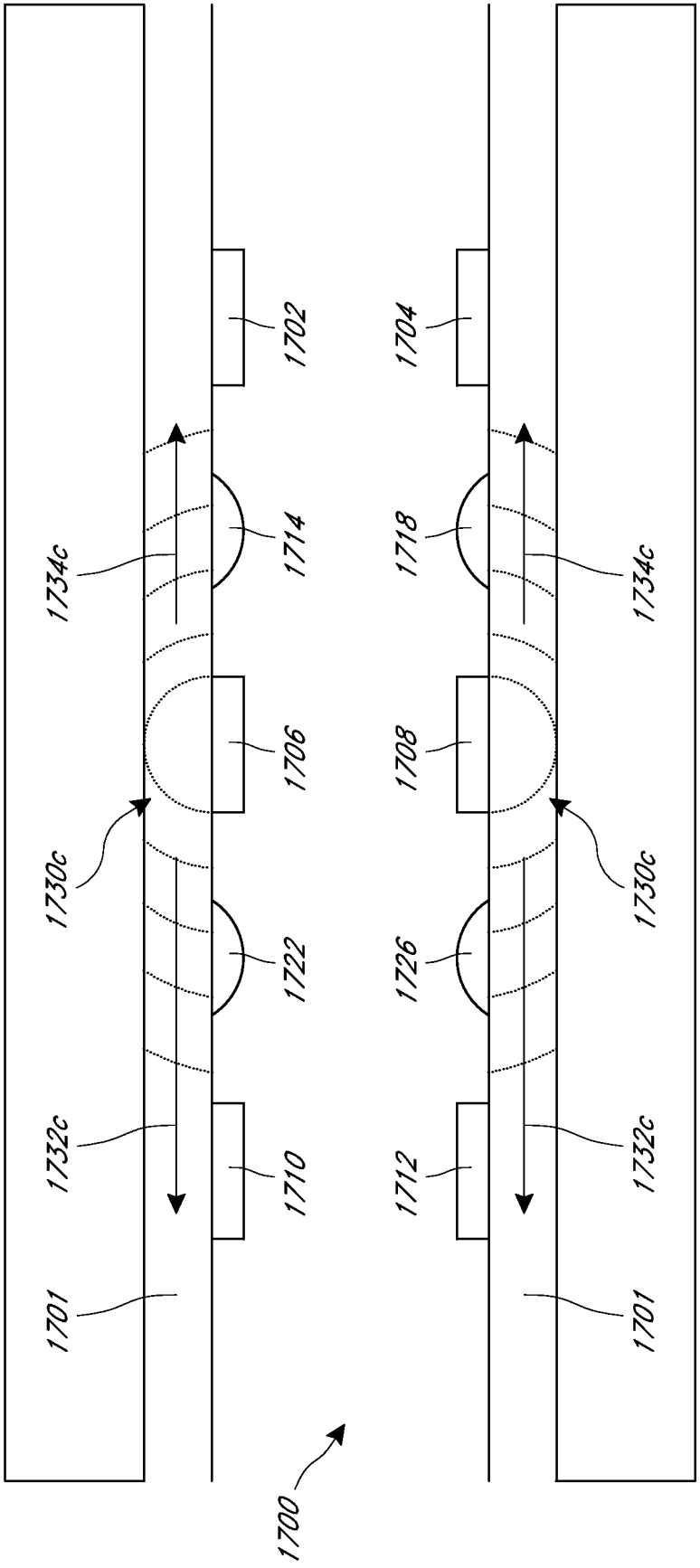

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FIG. 17C

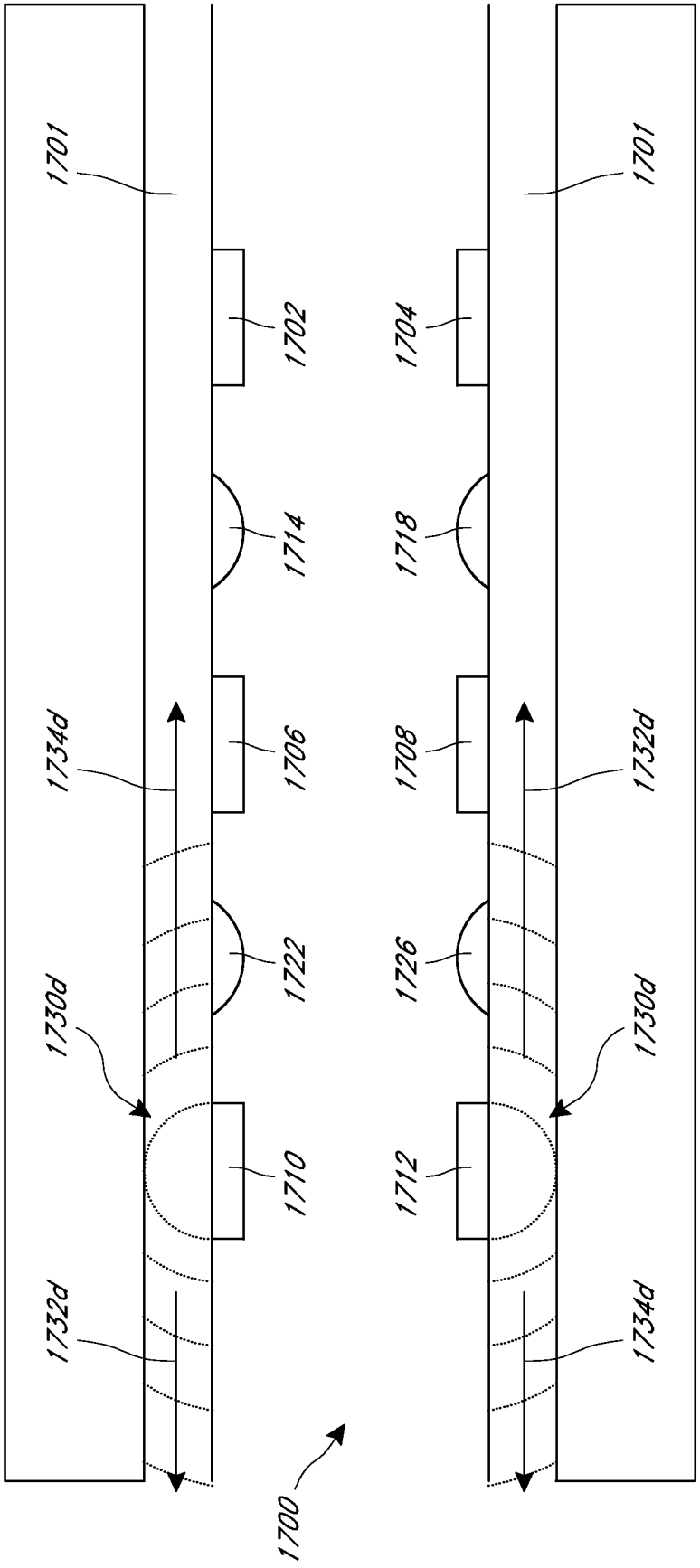

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FIG. 17D

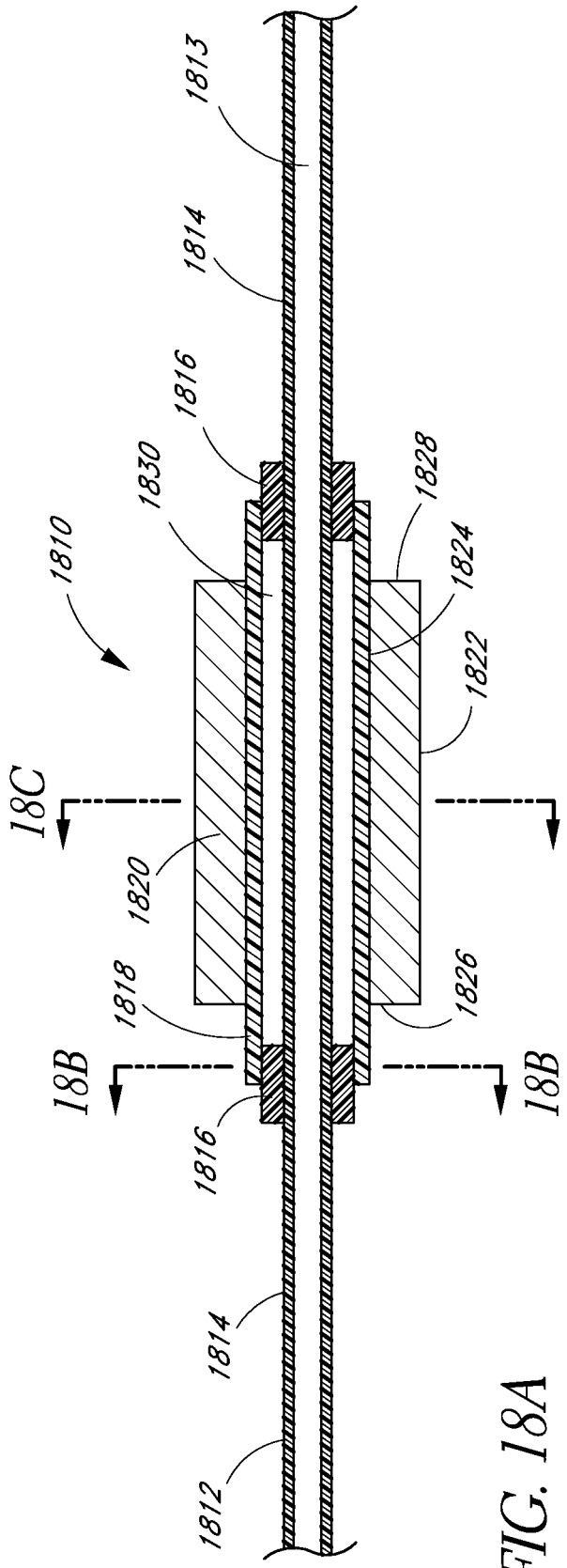


FIG. 18A

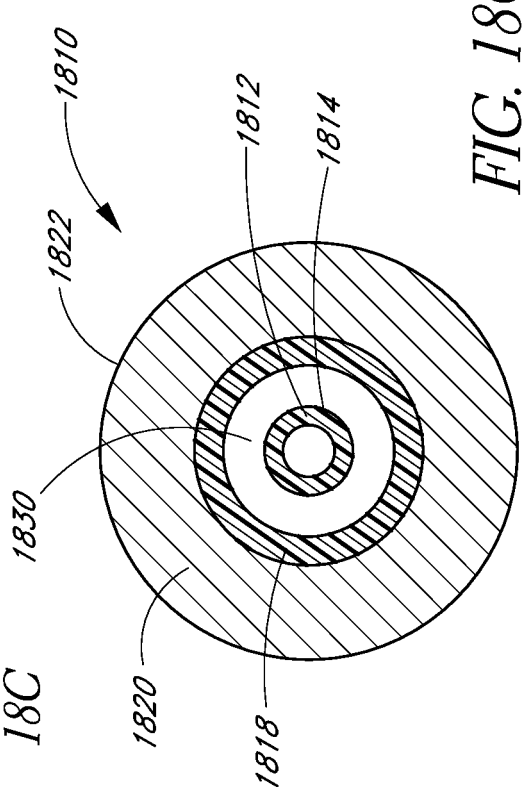


FIG. 18C

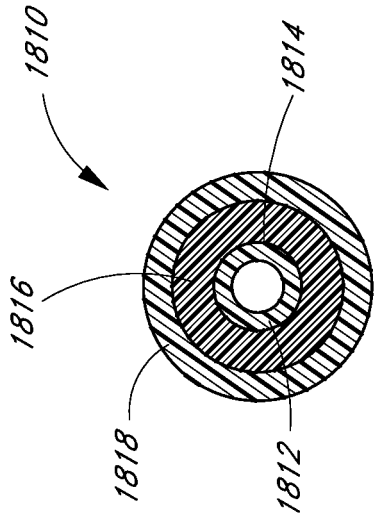


FIG. 18B