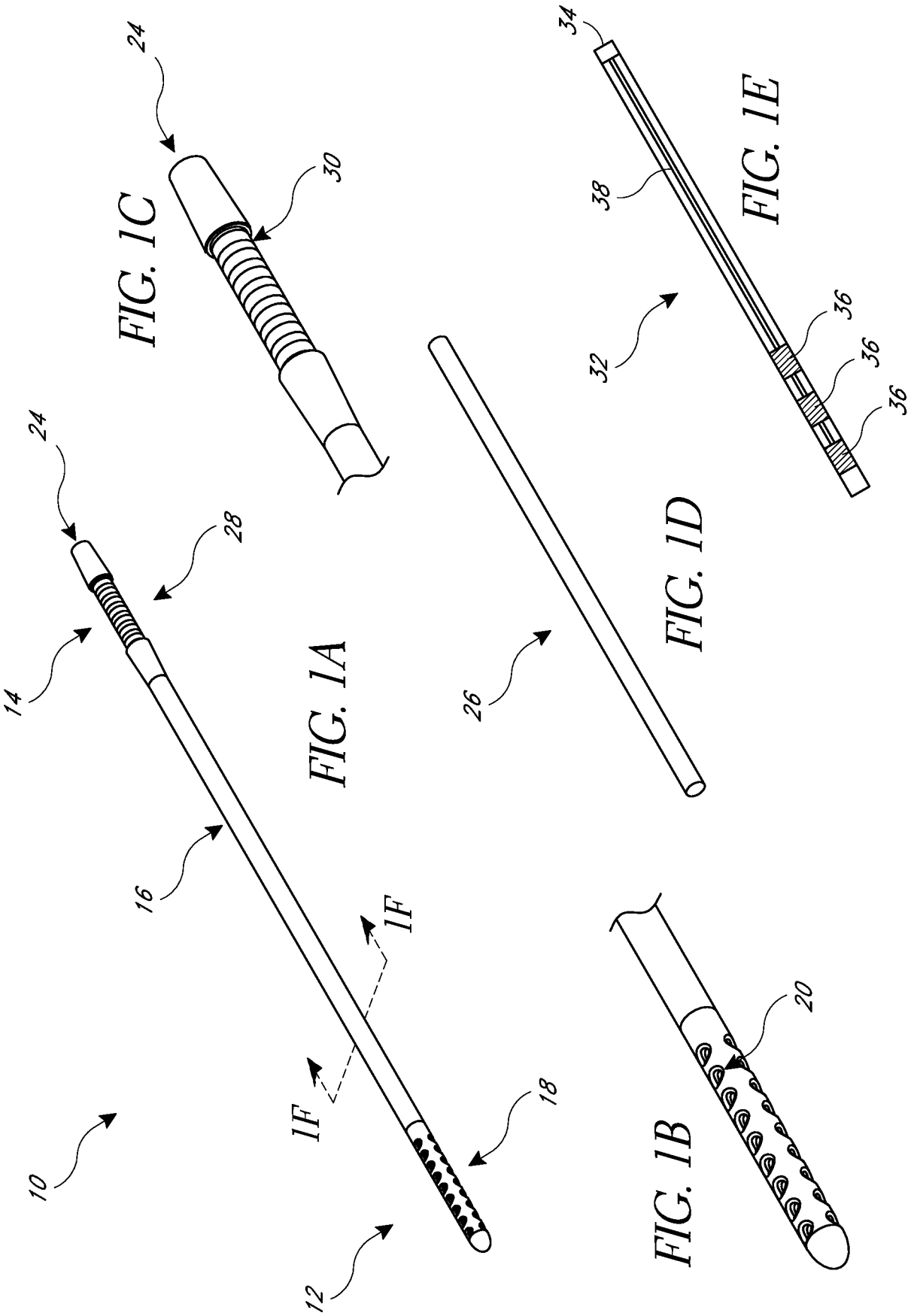

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FIG. 1A
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FIG. 1B
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FIG. 1C
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FIG. 1D
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FIG.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

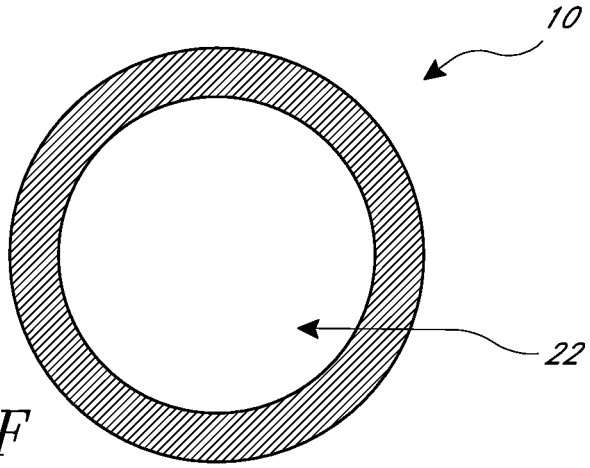



FIG. 1F

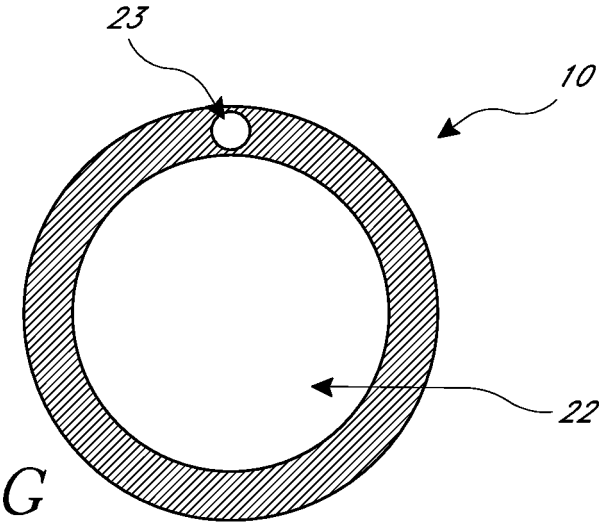



FIG. 1G

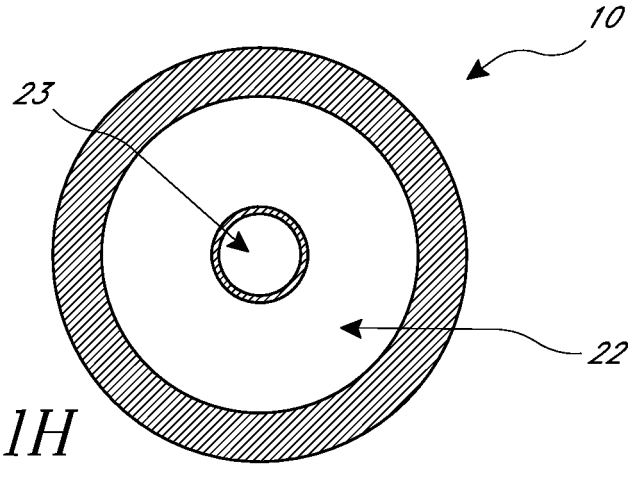



FIG. 1H

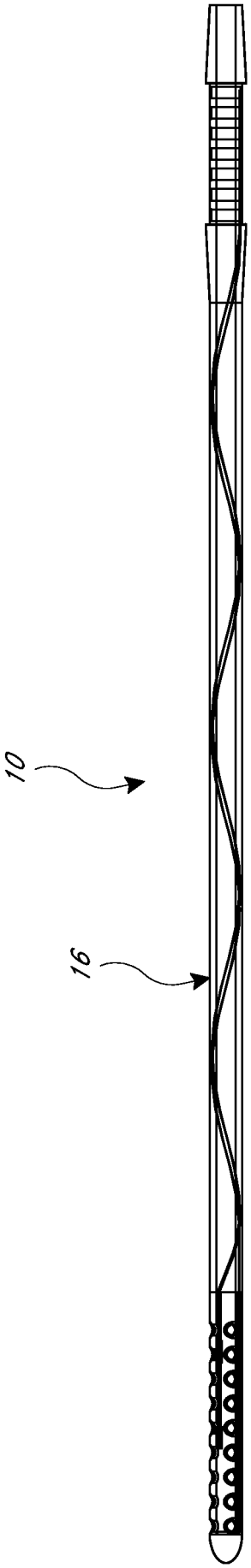



FIG. 2A

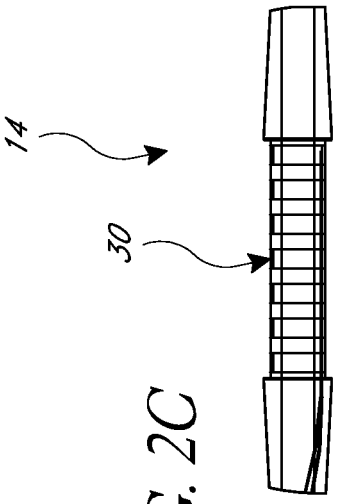



FIG. 2C

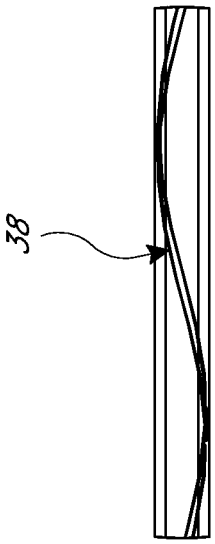



FIG. 2D

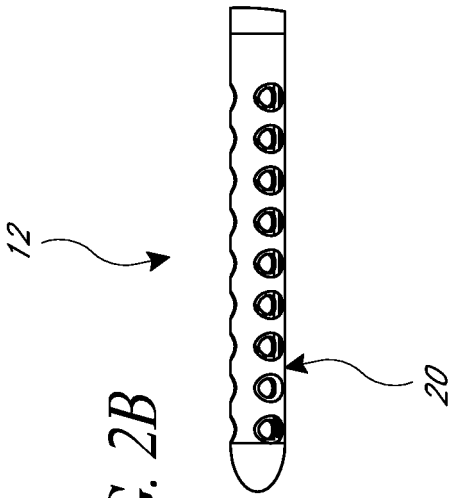



FIG. 2B

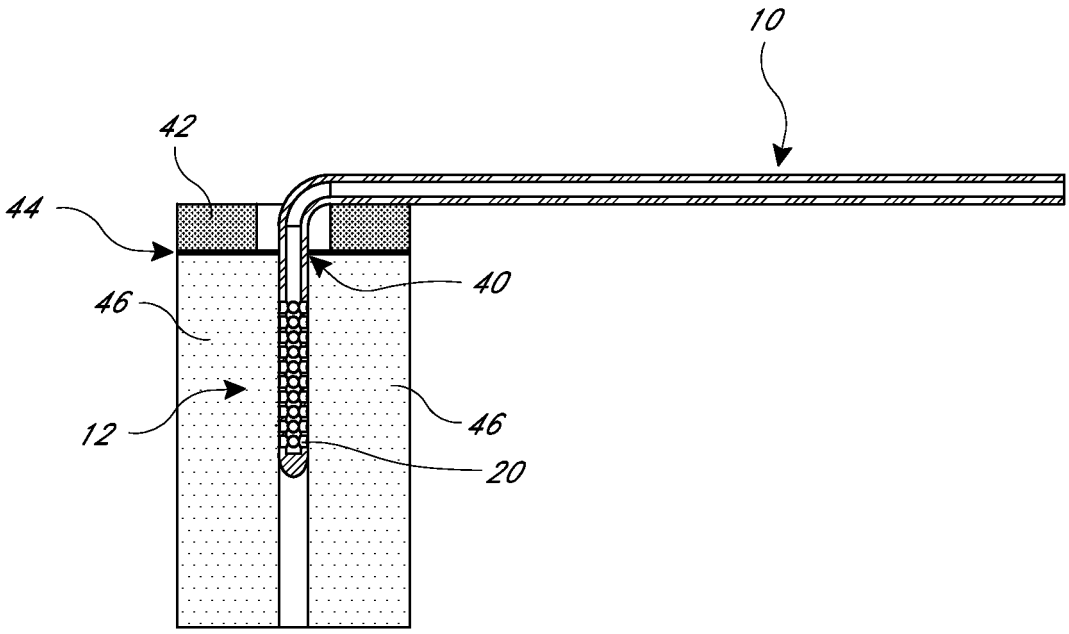



FIG. 3

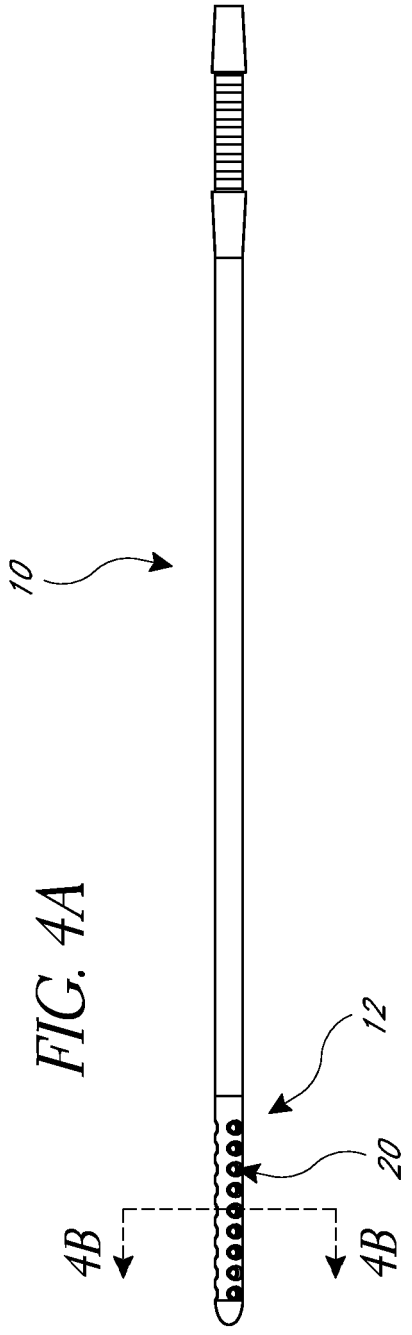



FIG. 4A

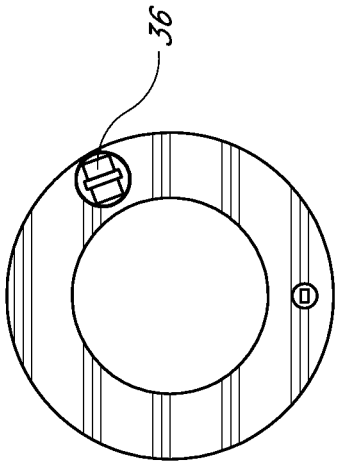



FIG. 4B

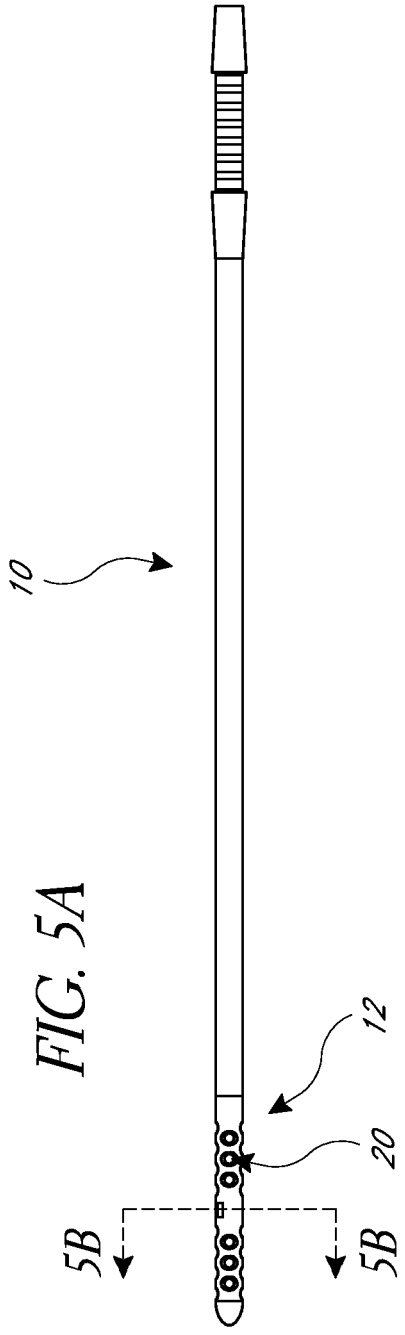



FIG. 5A

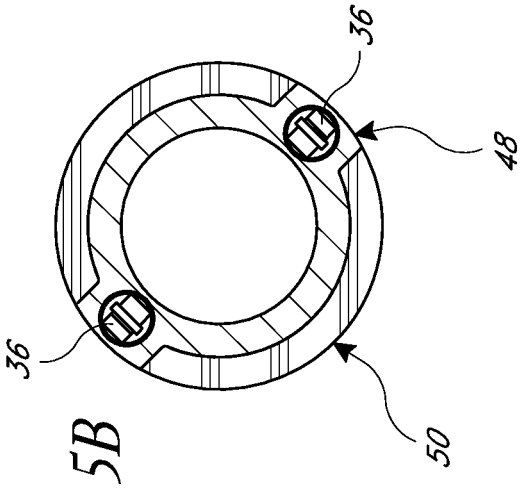
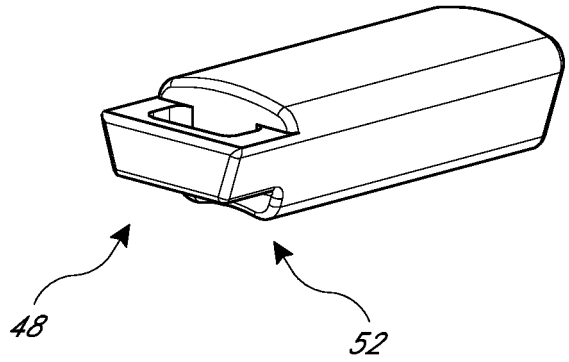



FIG. 5B

*FIG. 6A*



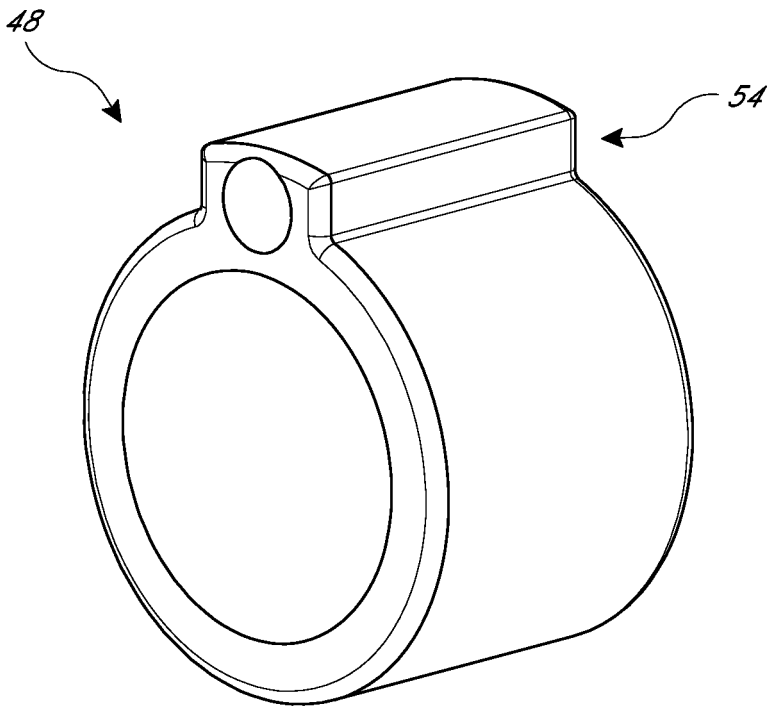




*FIG. 6B*



FIG. 7B

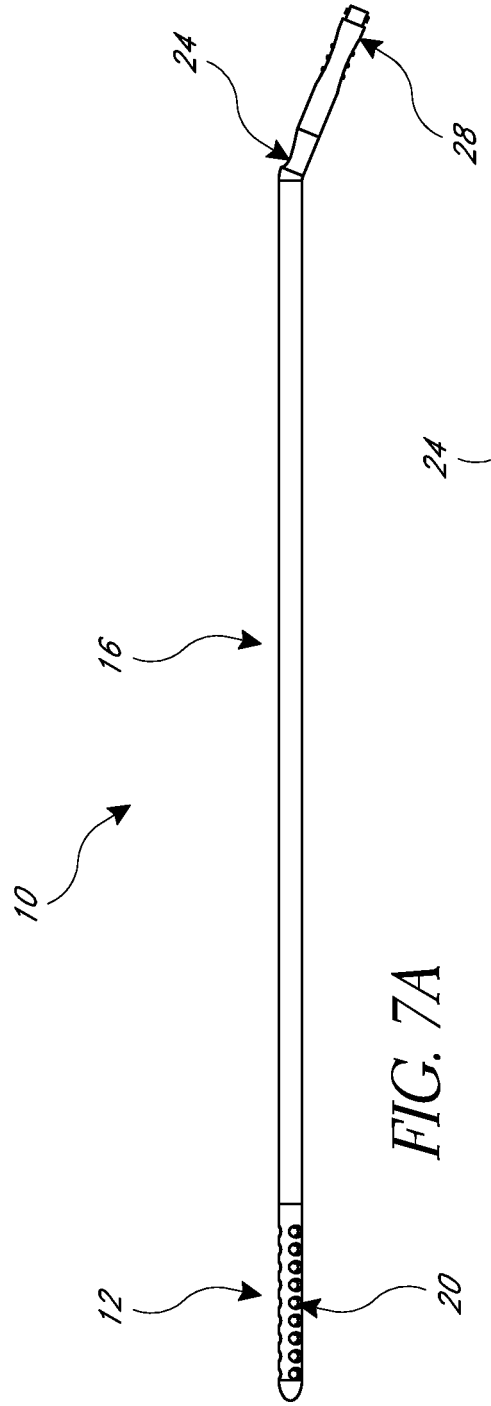



FIG. 7A

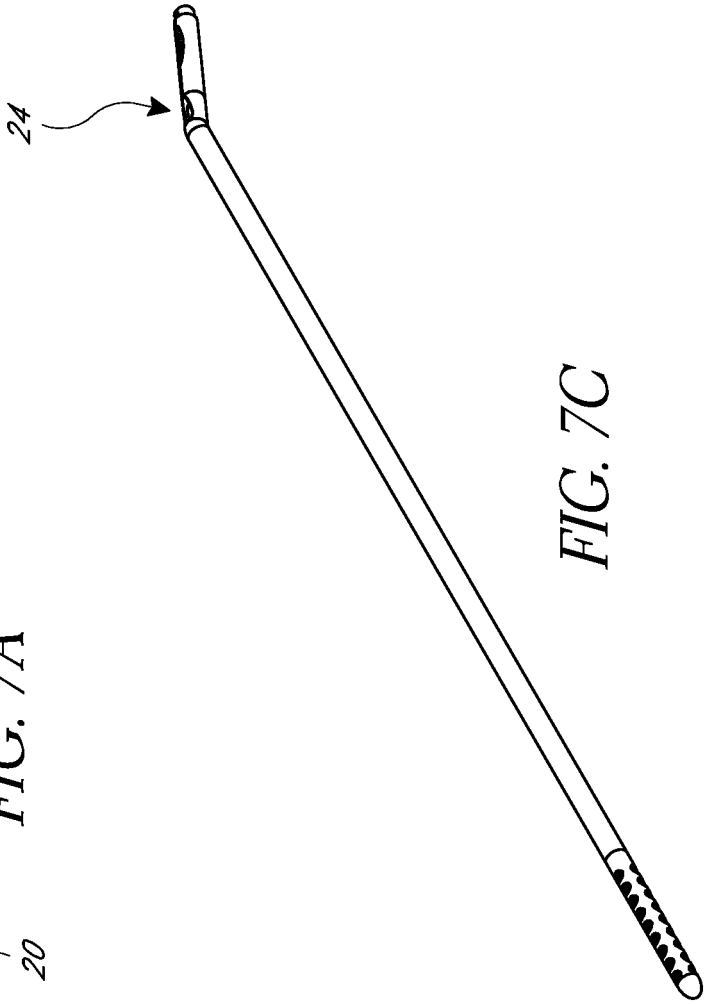



FIG. 7C

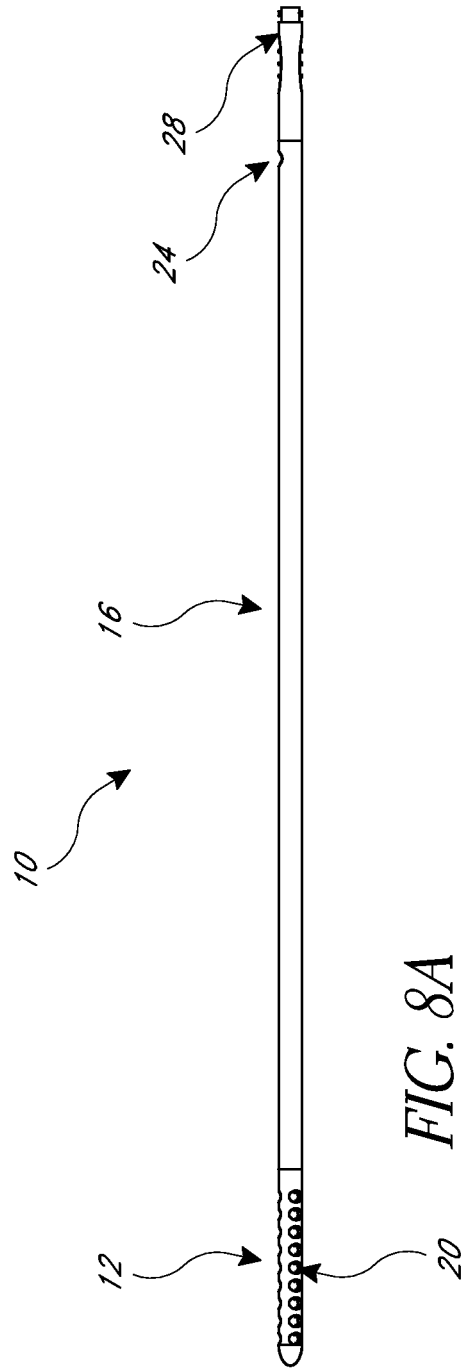



FIG. 8A

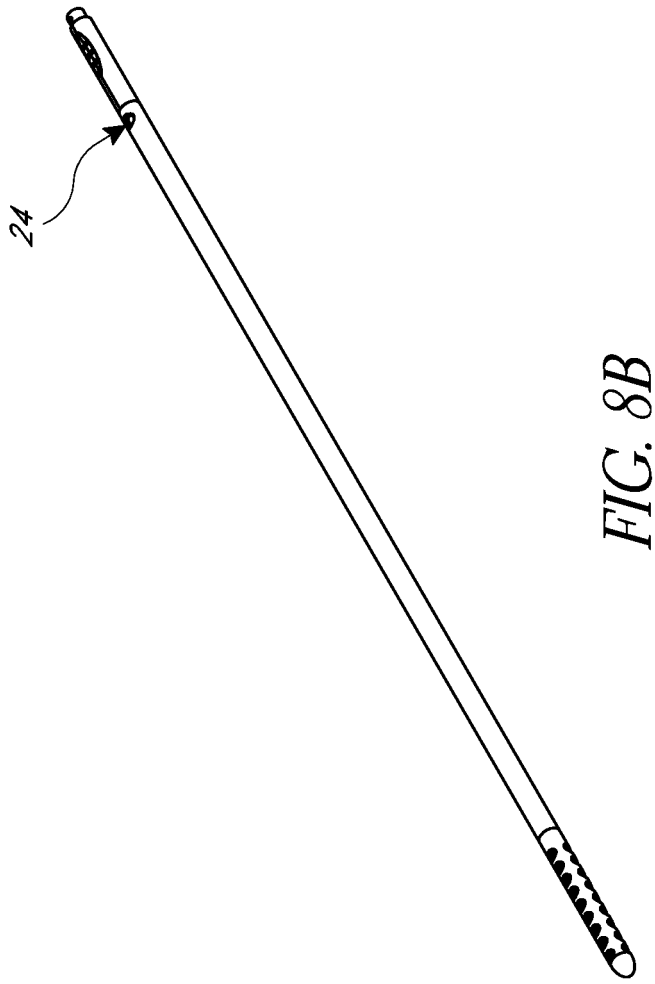



FIG. 8B

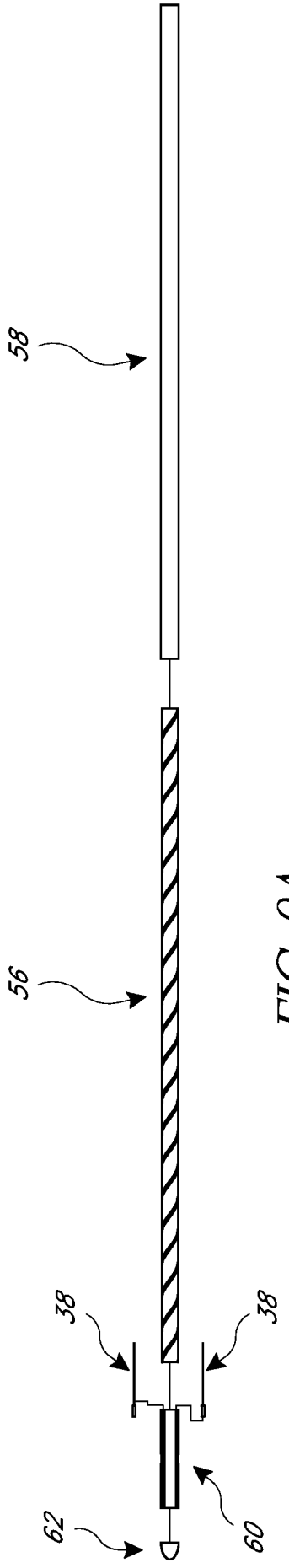



FIG. 9A

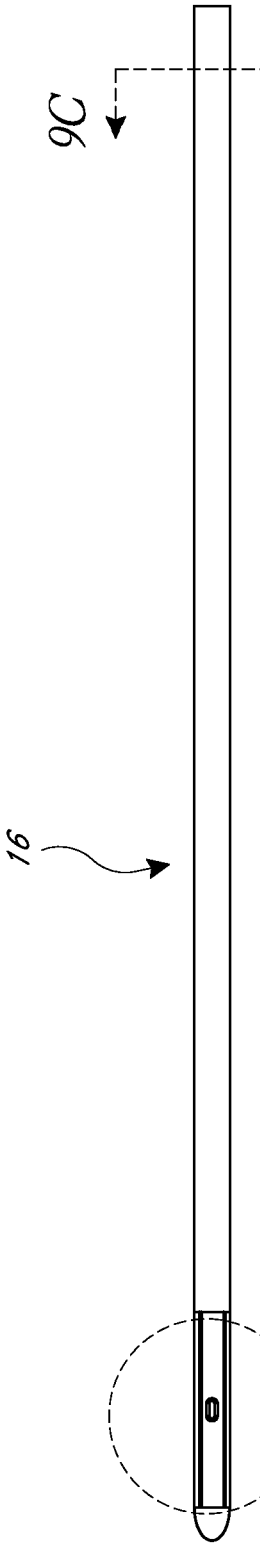



FIG. 9B

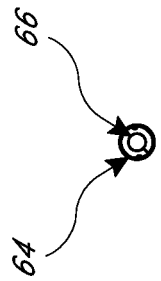



FIG. 9C

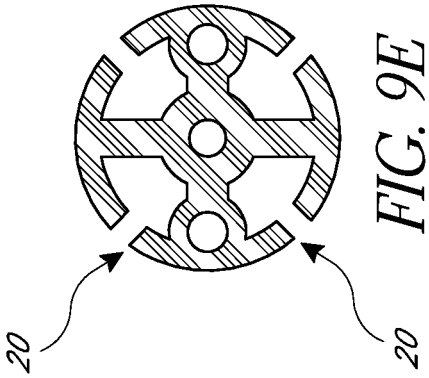



FIG. 9E

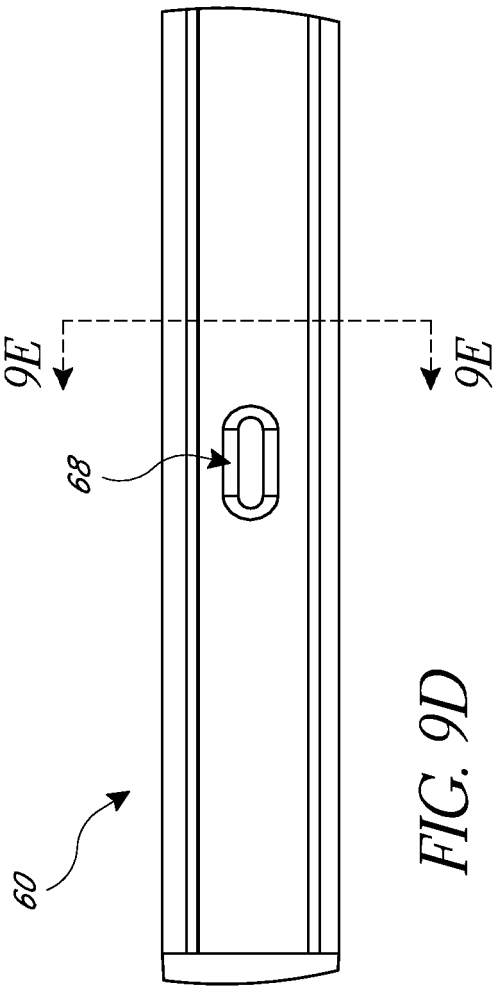



FIG. 9D

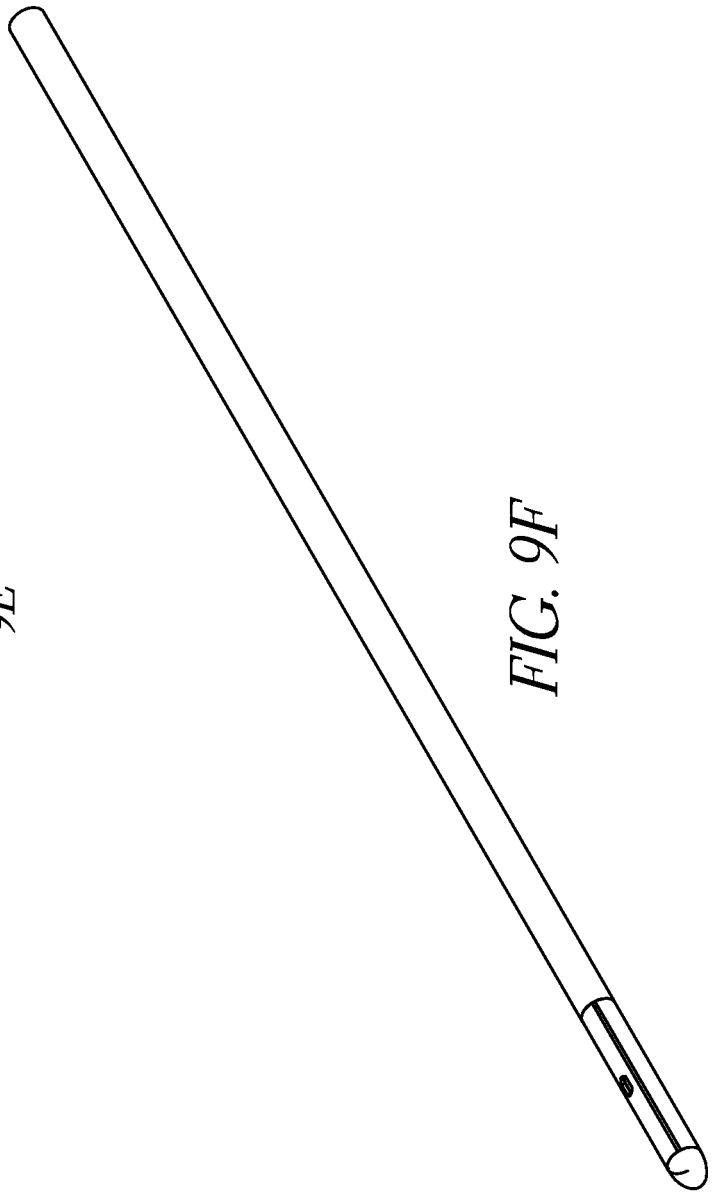


FIG. 9F

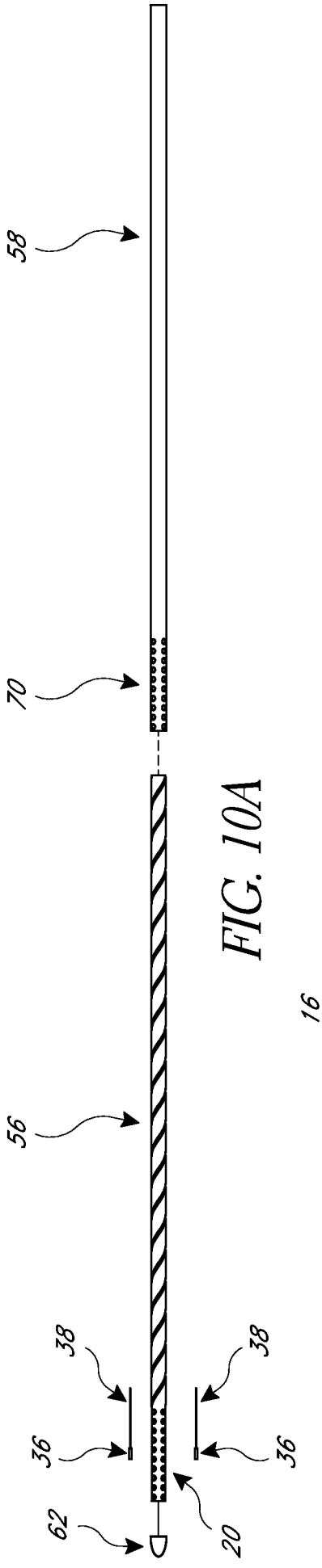



FIG. 10A

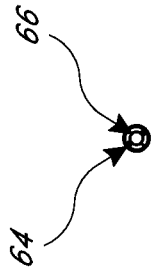



FIG. 10C

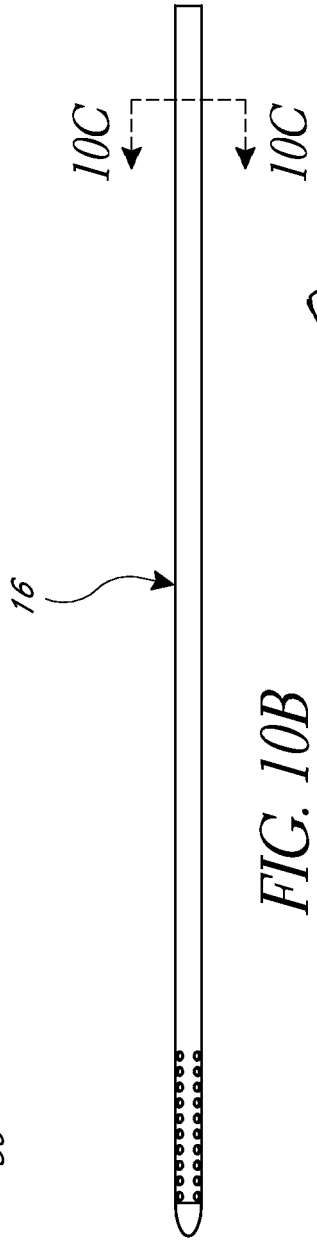



FIG. 10B

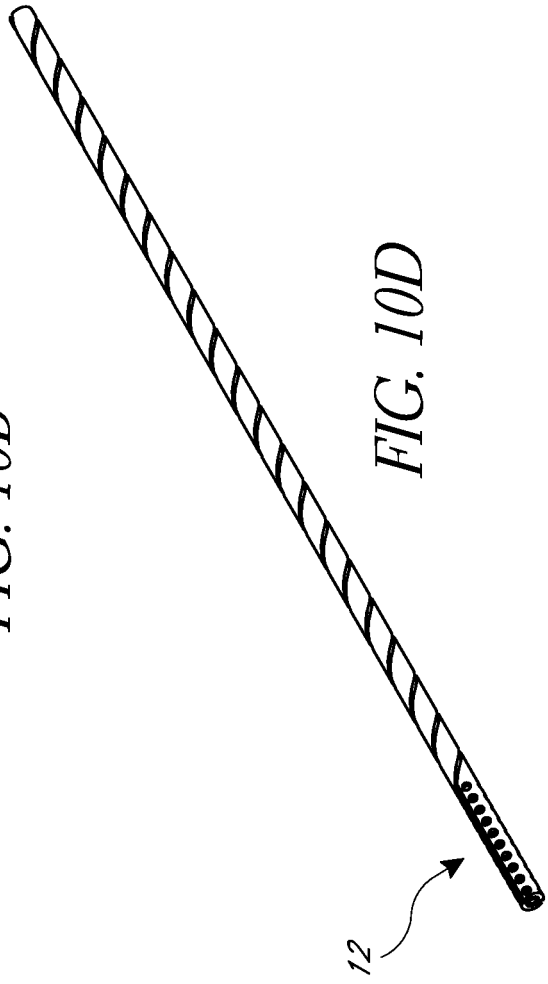



FIG. 10D

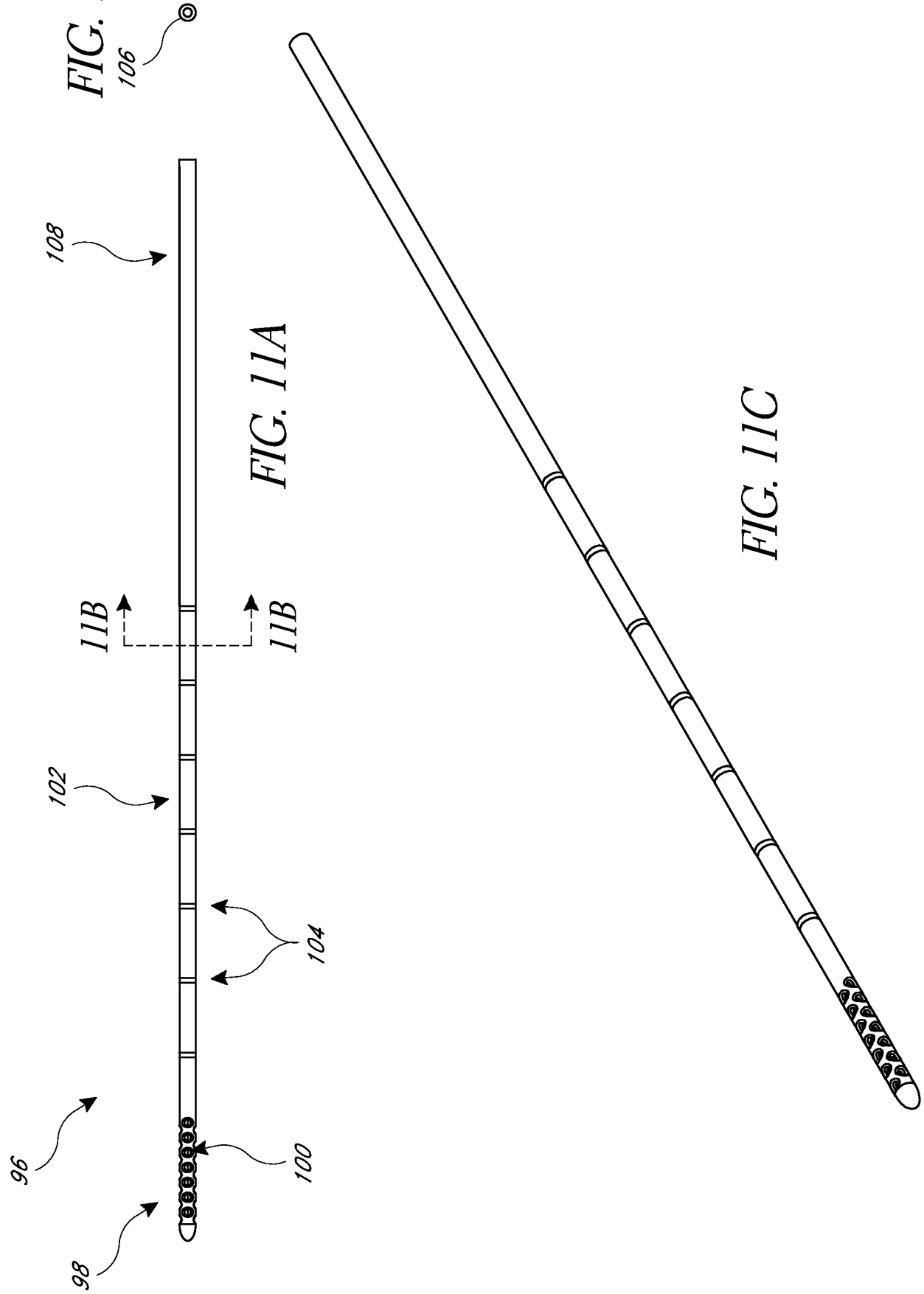



FIG. 11B

FIG. 11A

FIG. 11C

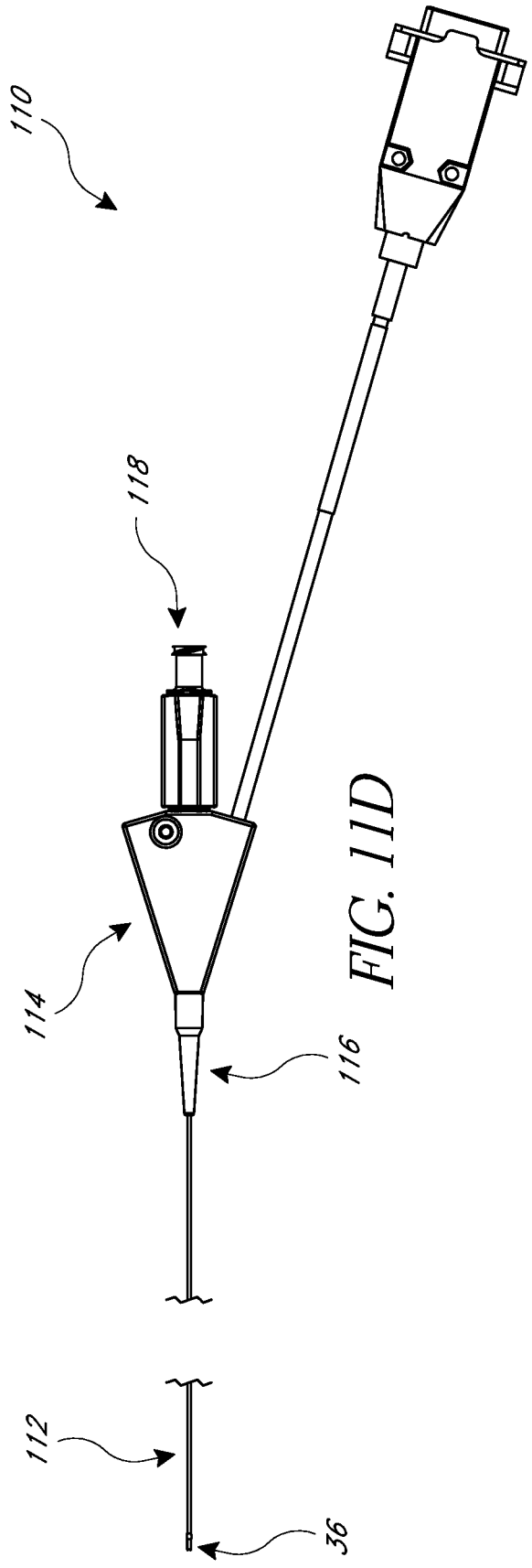



FIG. 11D

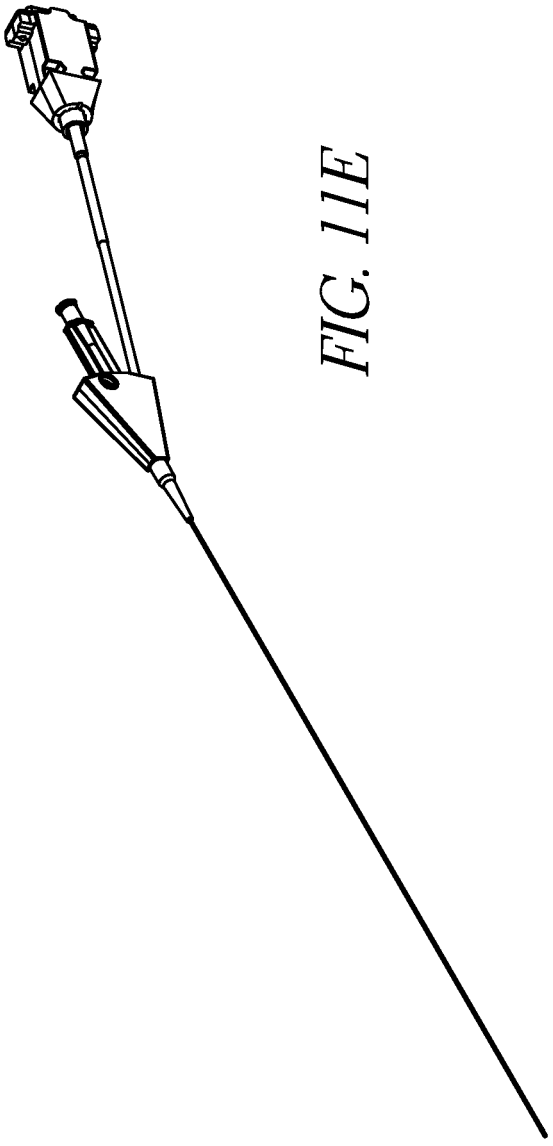
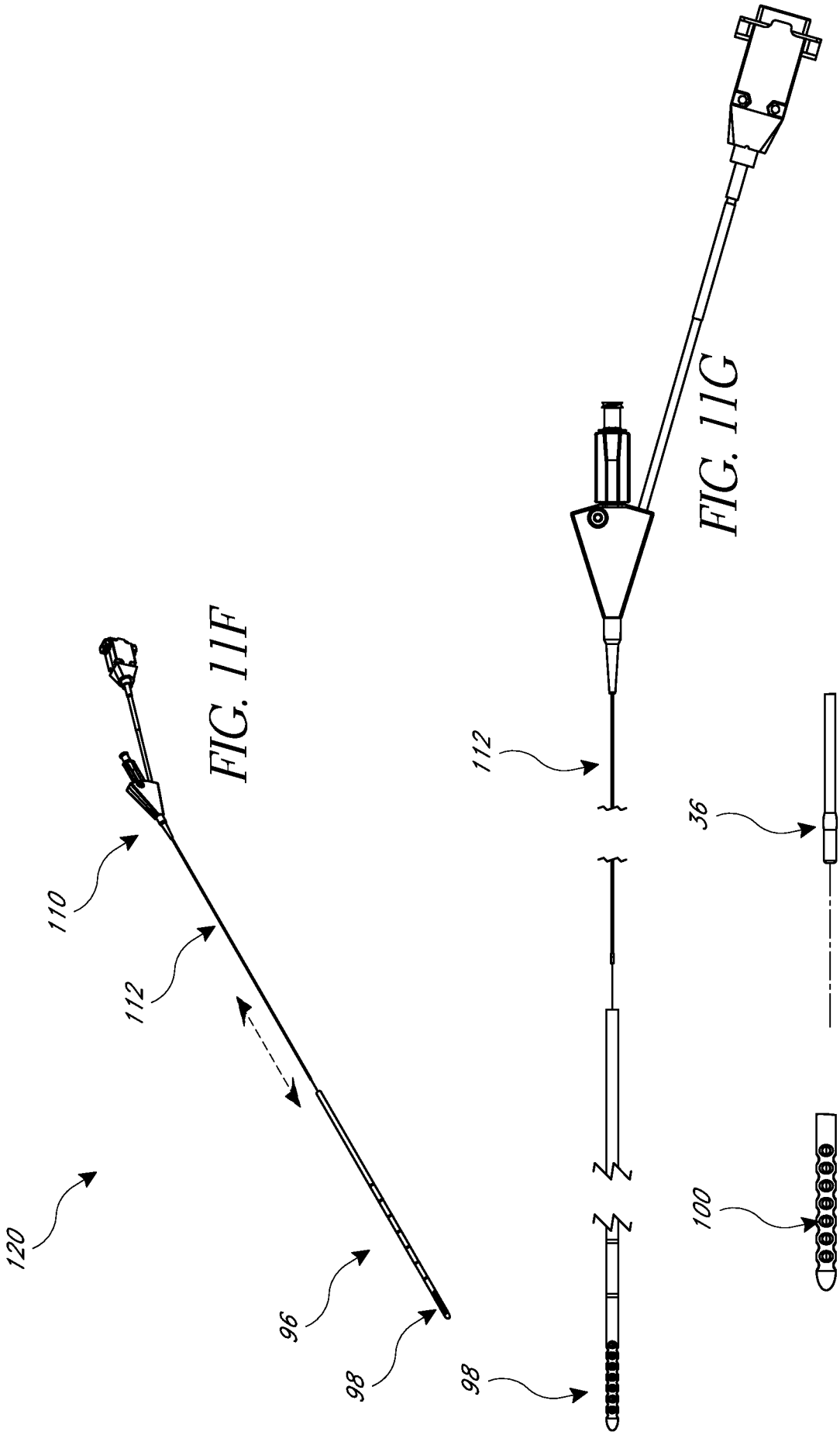


FIG. 11E


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FIG. 11F
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FIG. 11G
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FIG. 11I
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FIG. 11H

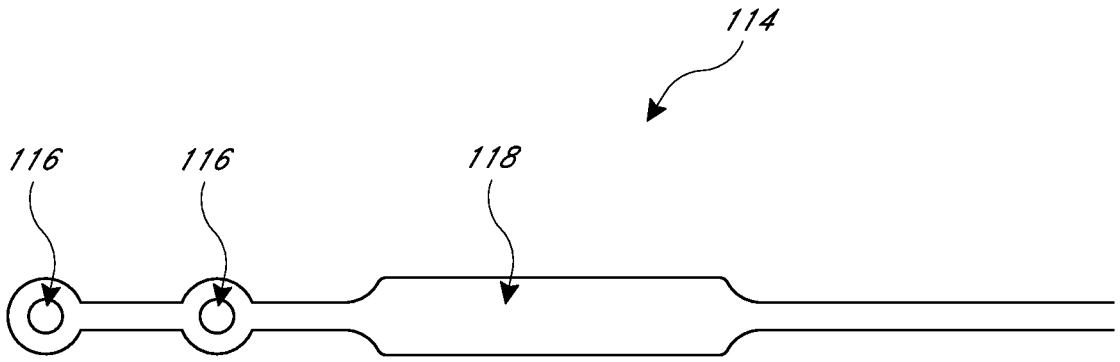



FIG. 12A

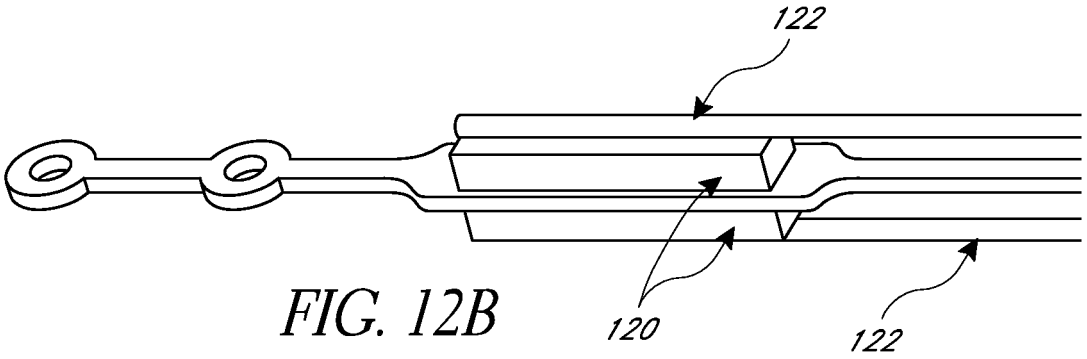



FIG. 12B

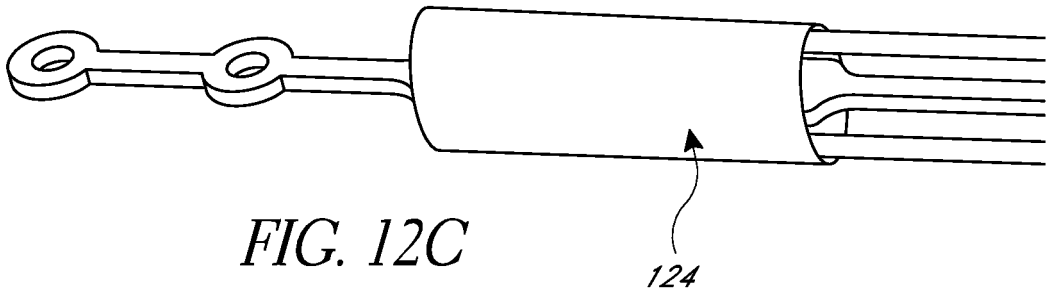



FIG. 12C

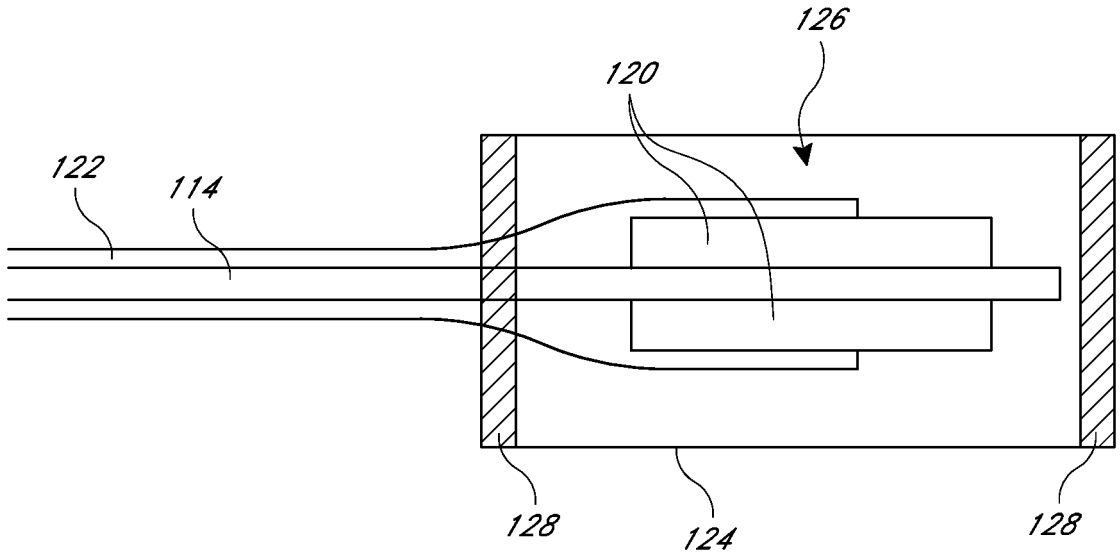



FIG. 13

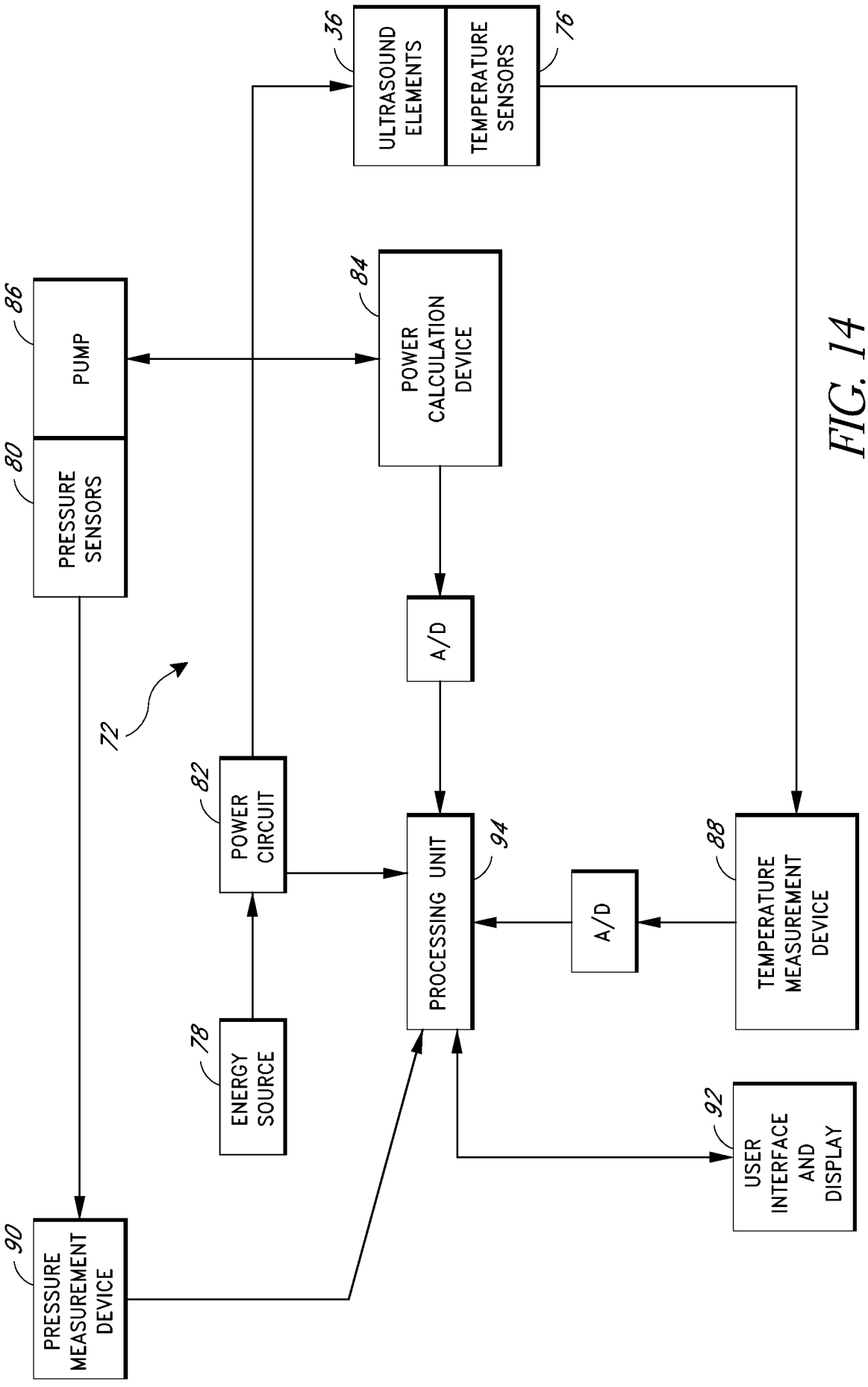
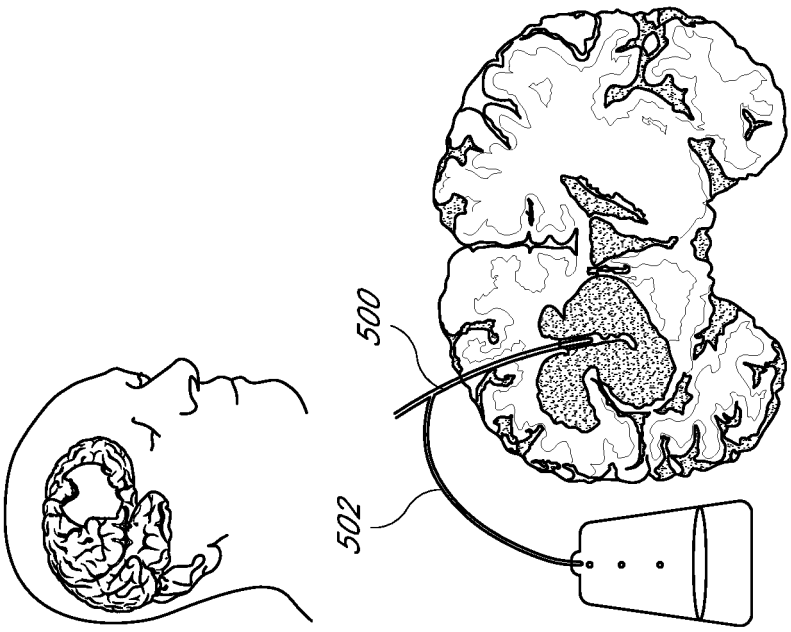

36
ULTRASOUND ELEMENTS
TEMPERATURE SENSORS
76
84
POWER CALCULATION DEVICE
86
PUMP
80
PRESSURE SENSORS
A/D
72
82
POWER CIRCUIT
94
PROCESSING UNIT
A/D
88
TEMPERATURE MEASUREMENT DEVICE
78
ENERGY SOURCE
92
USER INTERFACE AND DISPLAY
90
PRESSURE MEASUREMENT DEVICE

FIG. 14



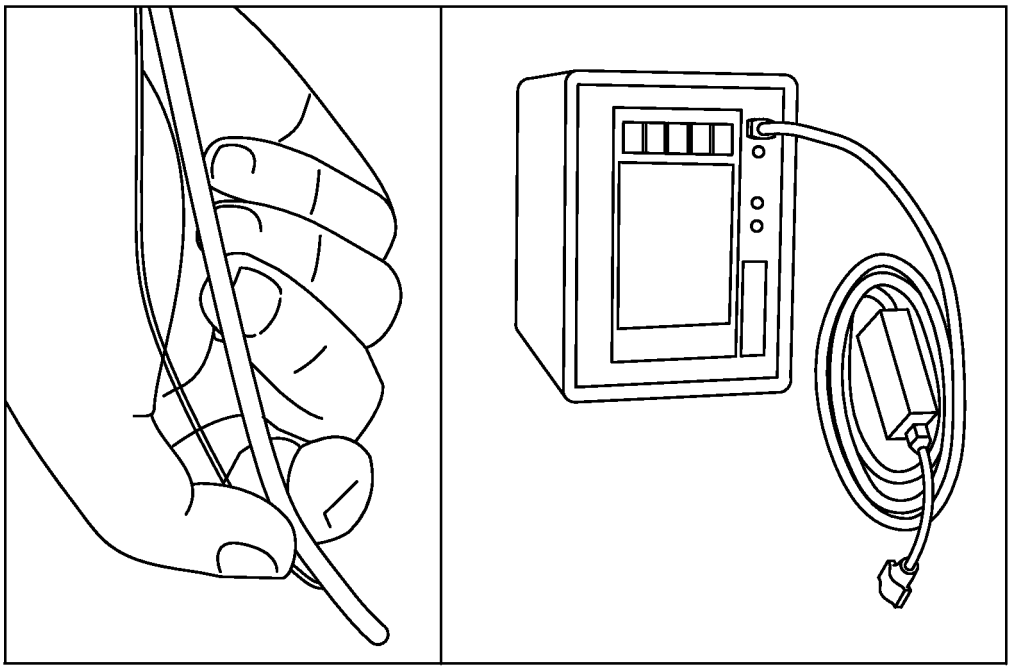
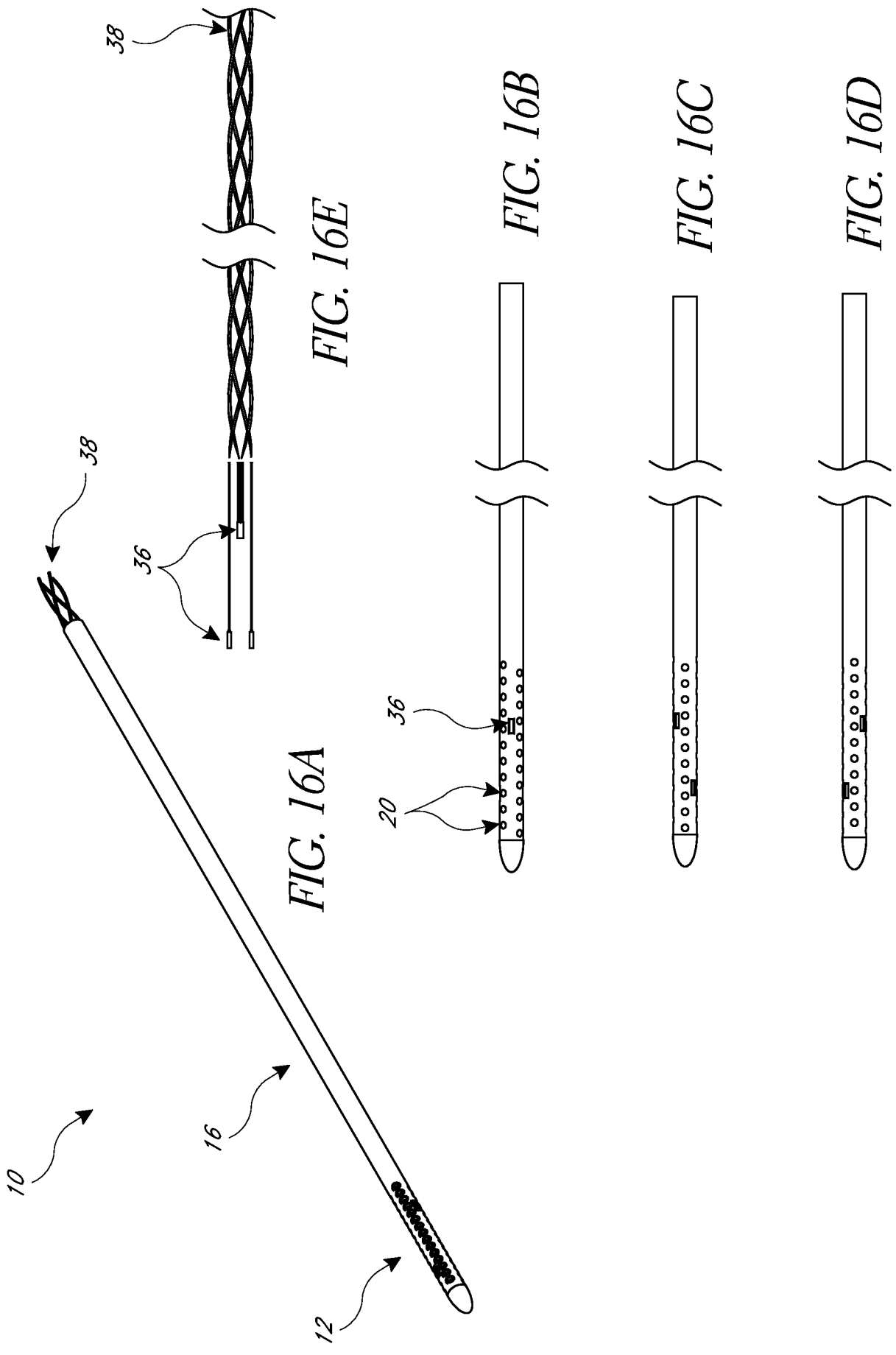



FIG. 15


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FIG. 16A
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FIG. 16E
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FIG. 16B
FIG. 16C
FIG. 16D

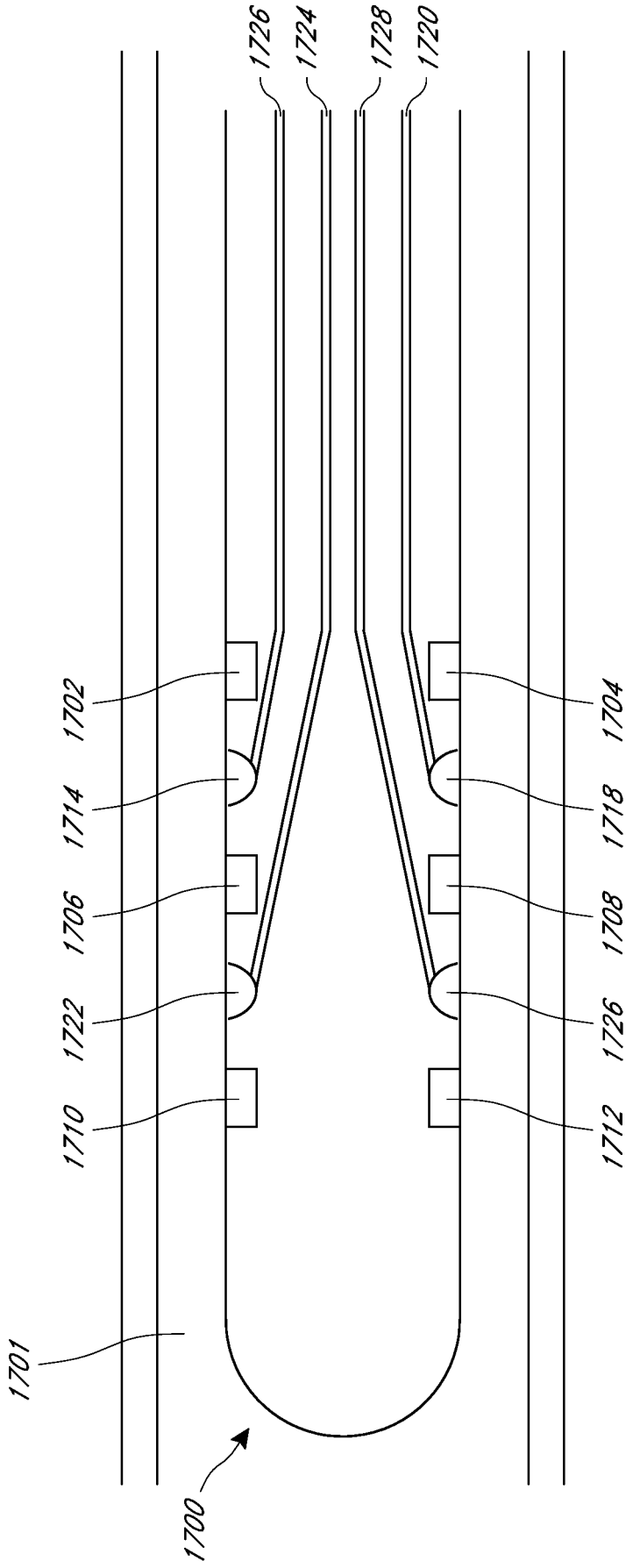

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FIG. 17A

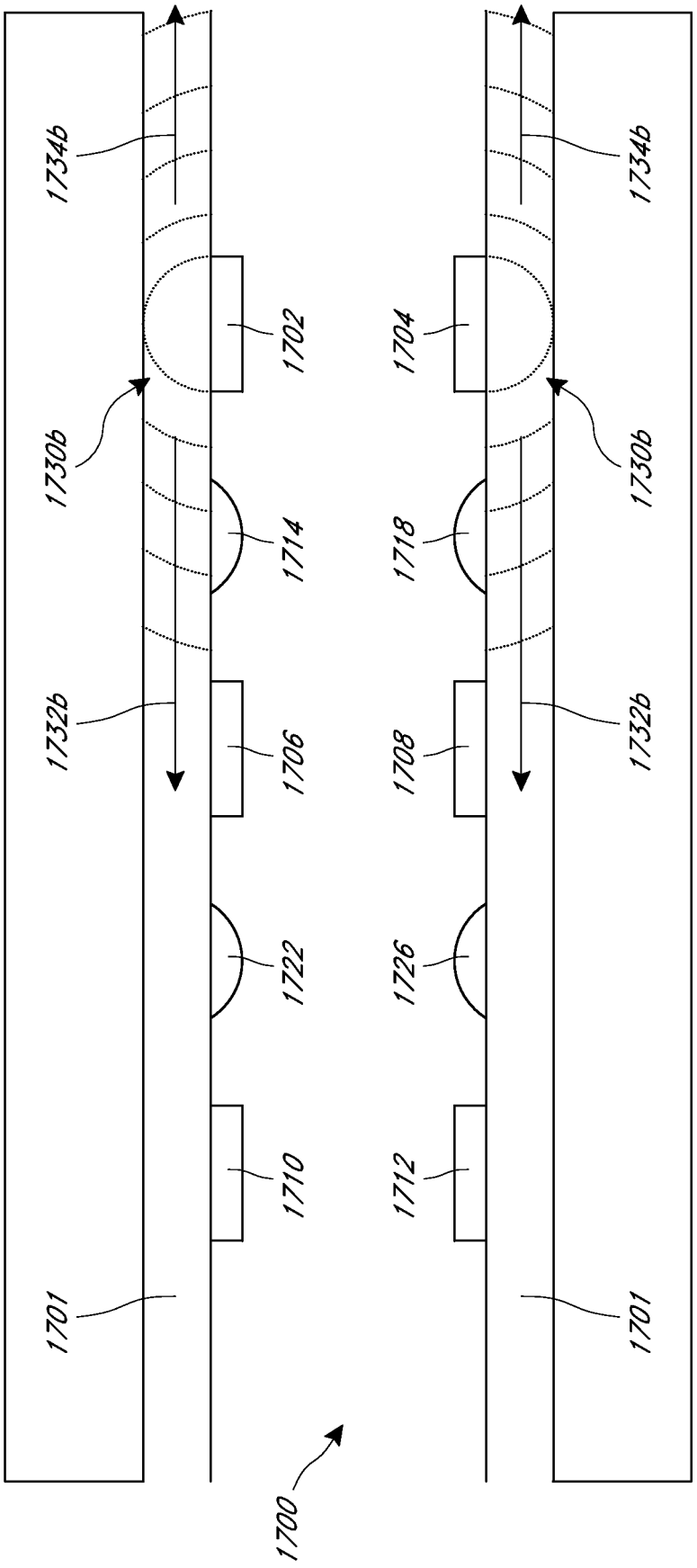

1734b
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1700

FIG. 17B

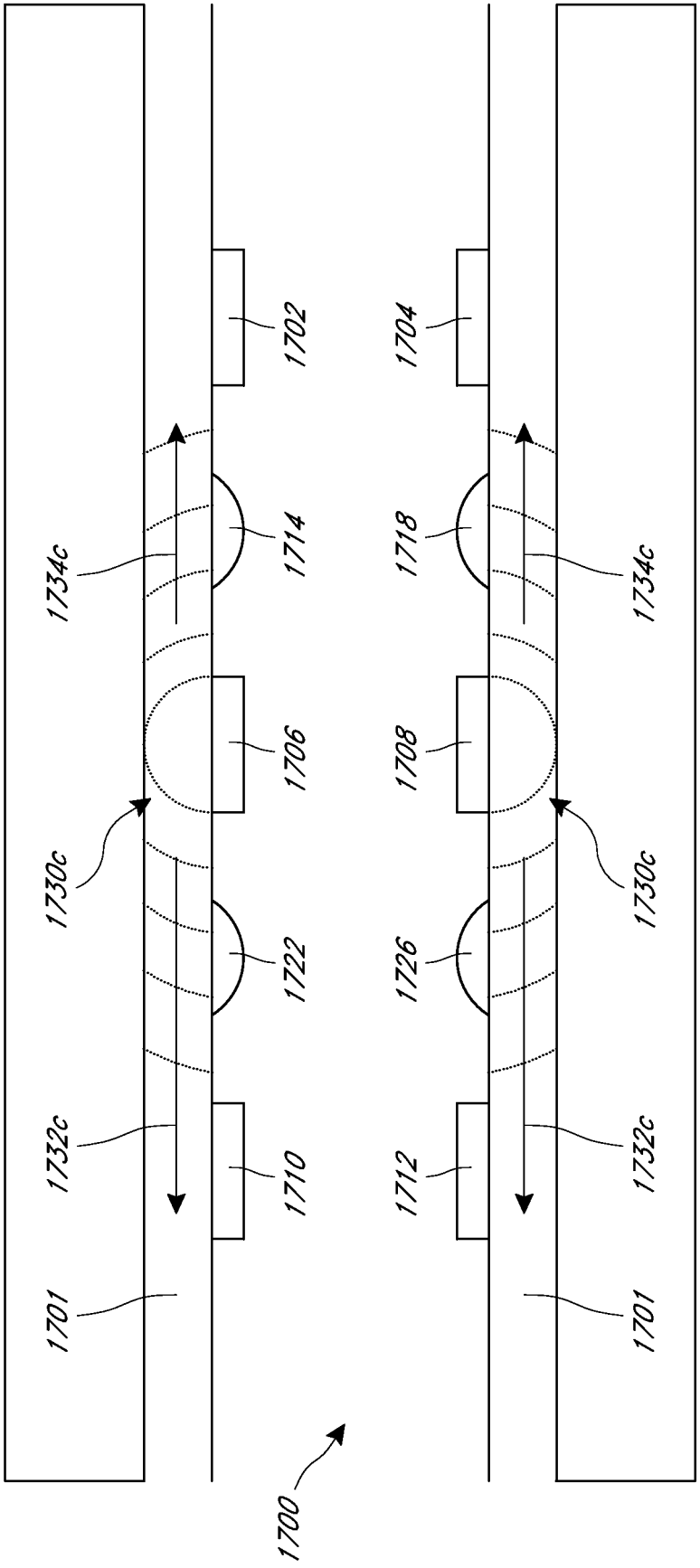

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FIG. 17C

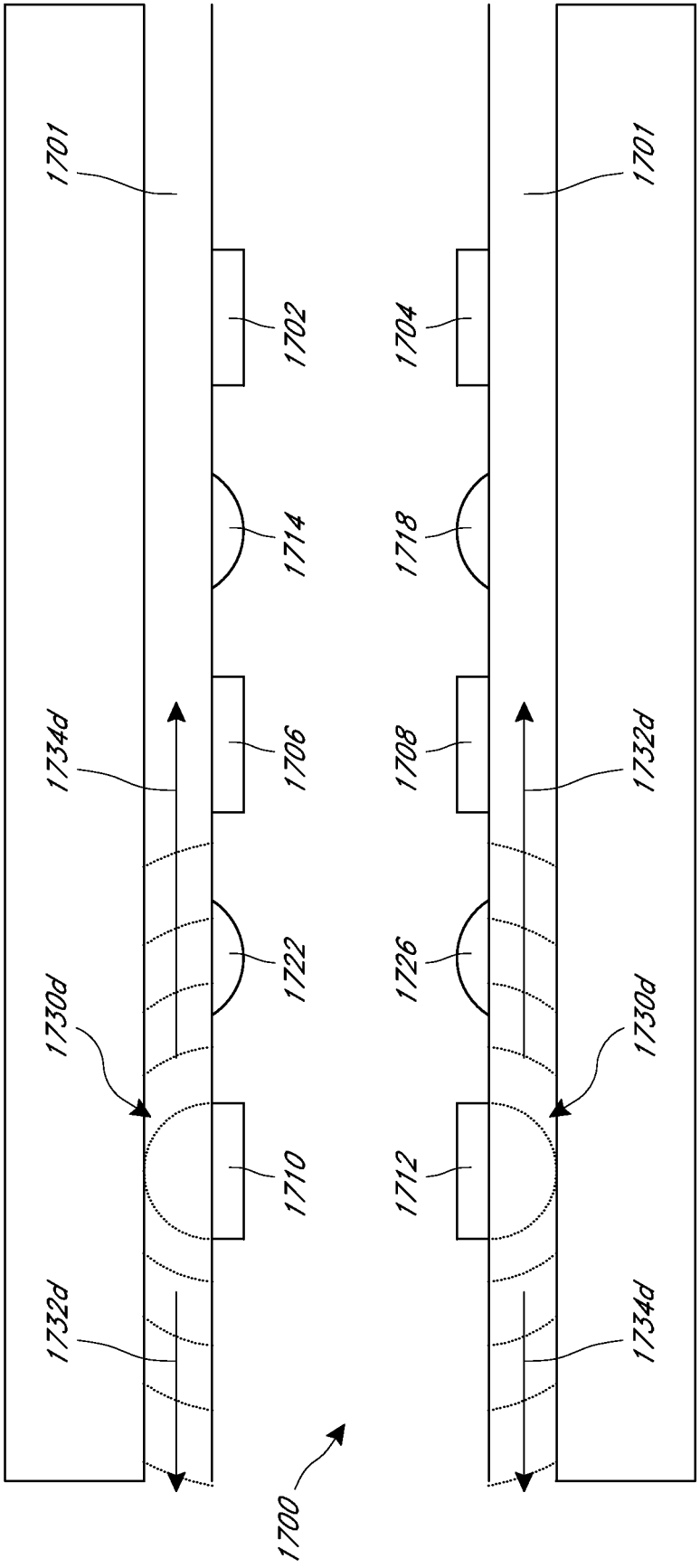

1701
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1701

FIG. 17D

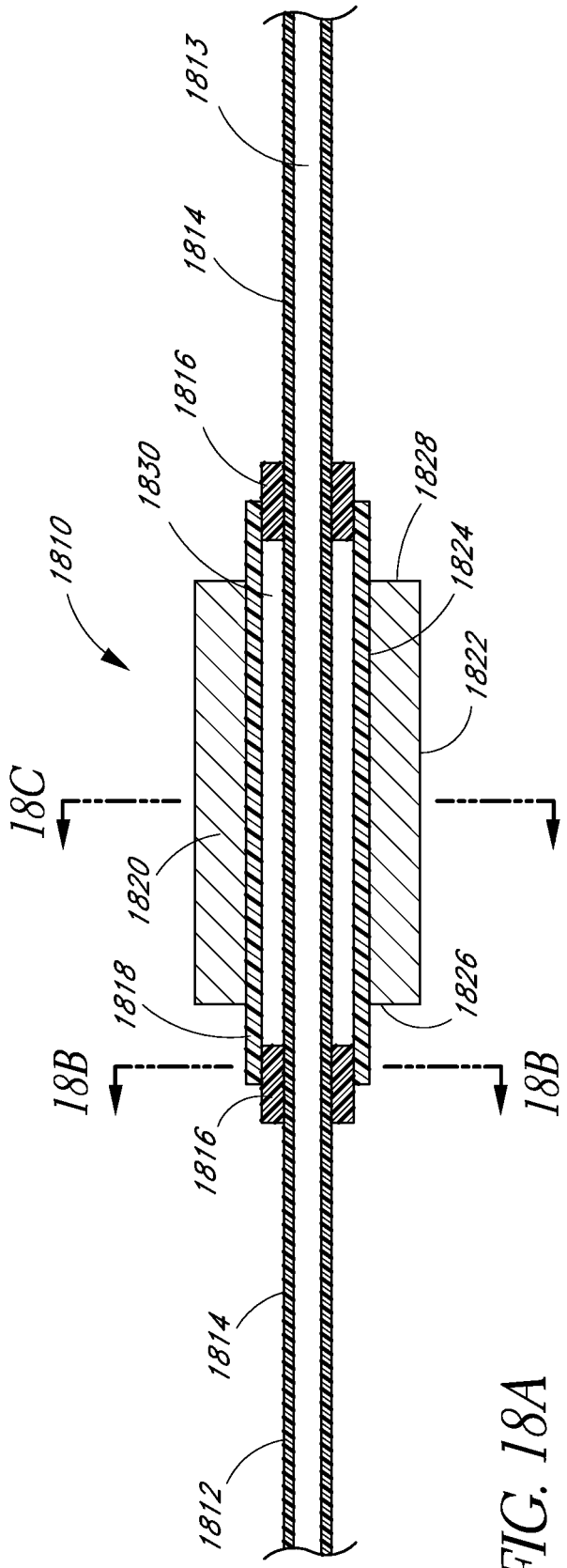



FIG. 18A

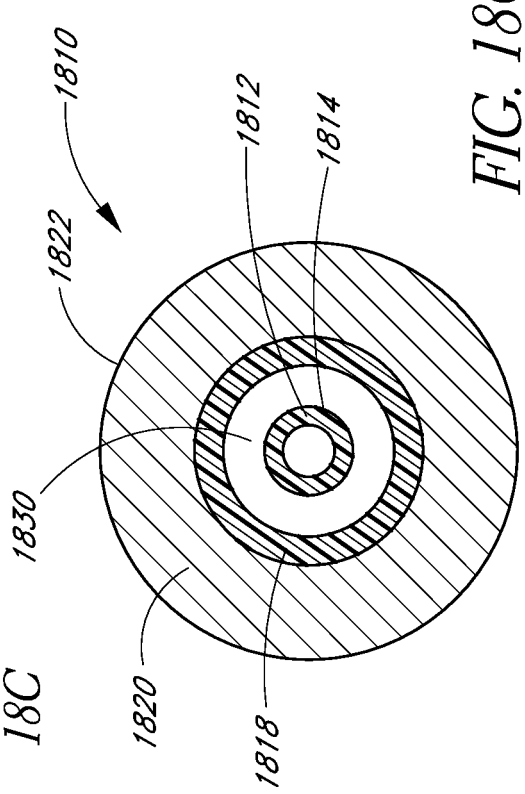



FIG. 18C

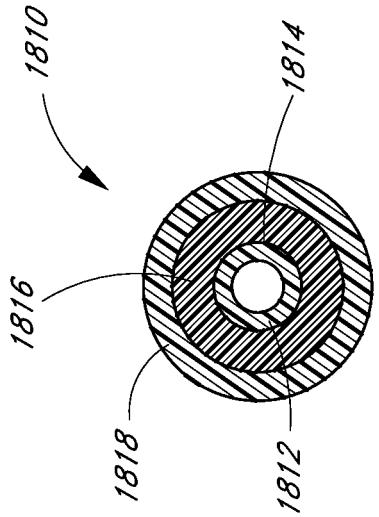



FIG. 18B