

FIG. 1A

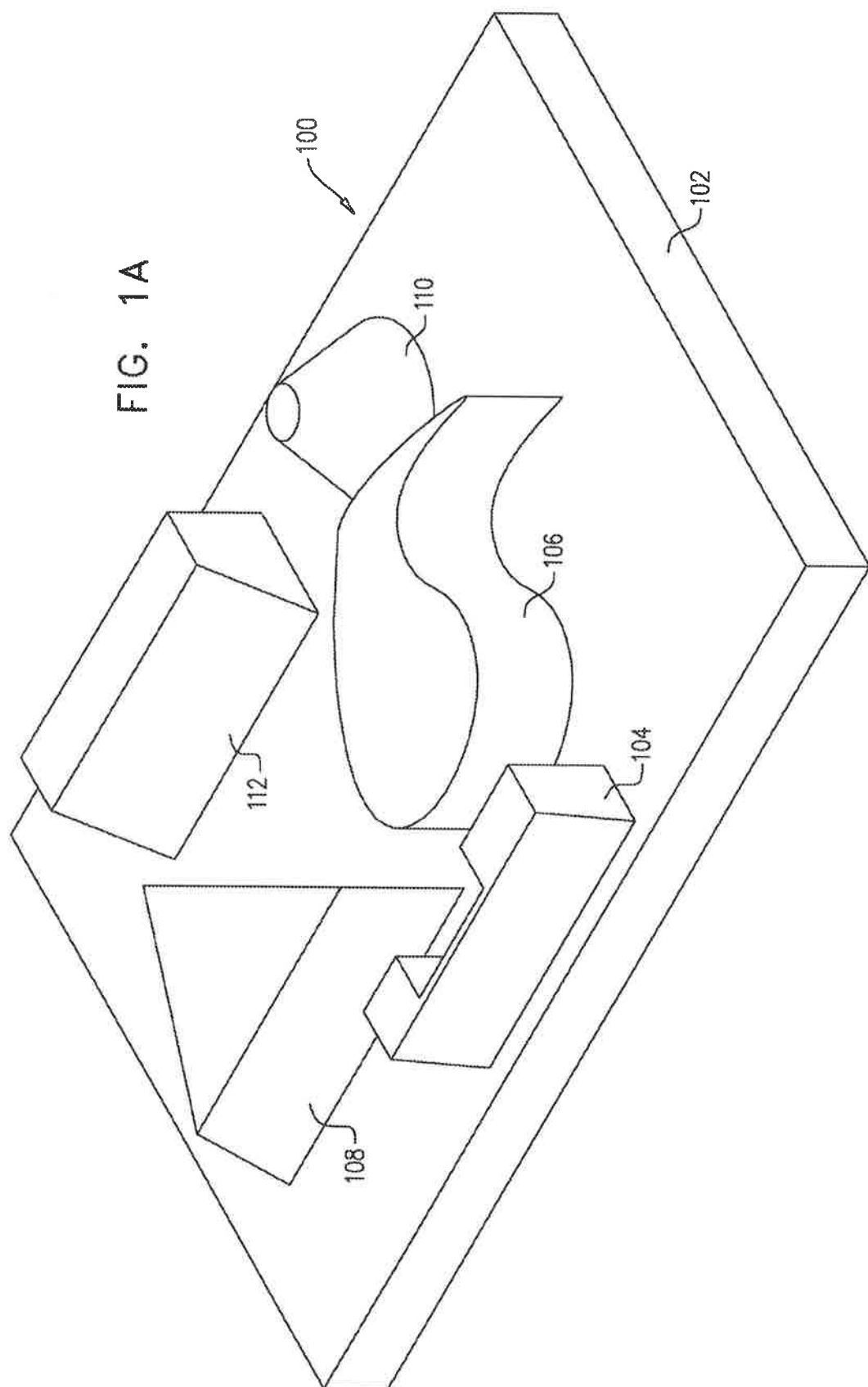


FIG. 1B

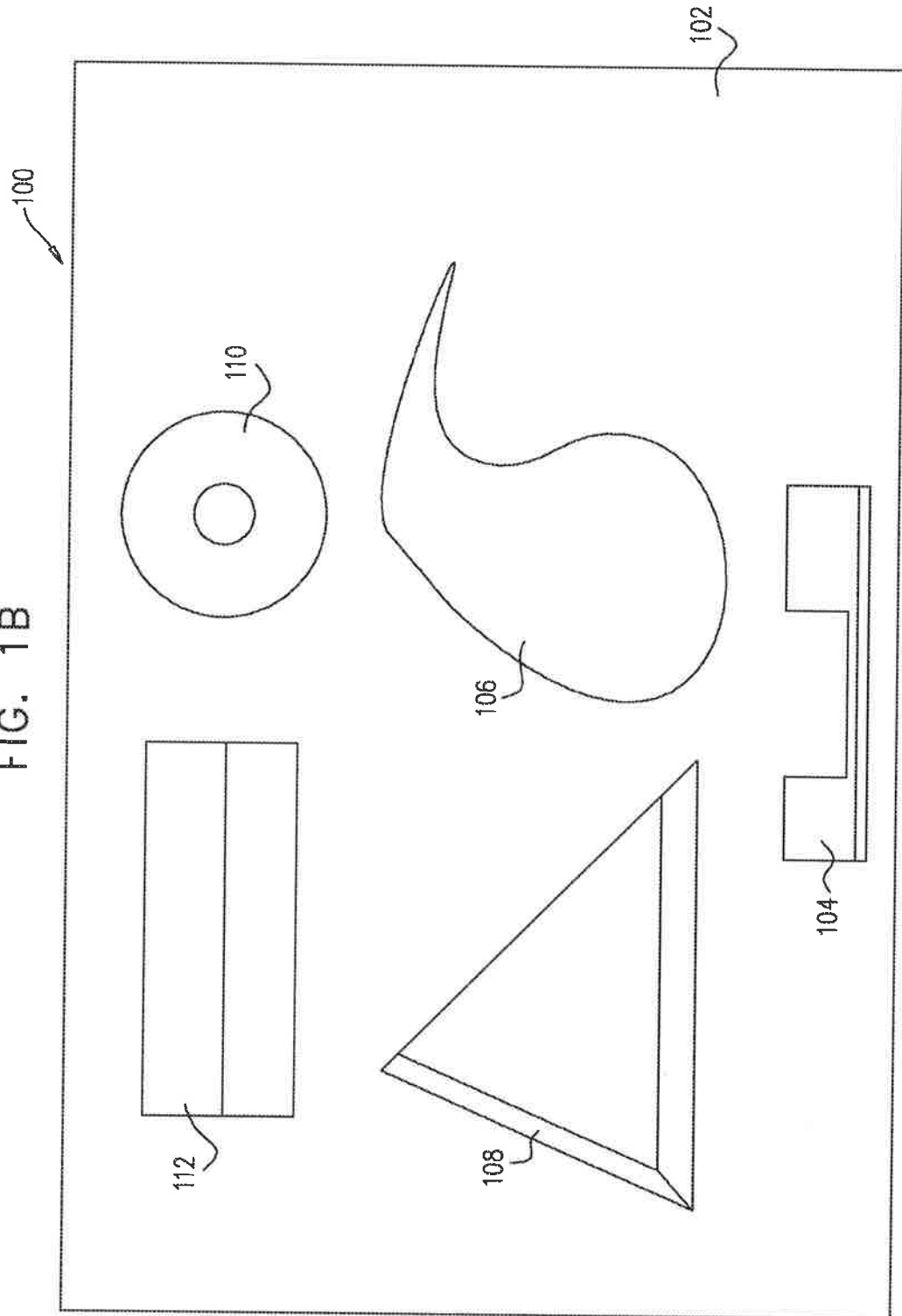
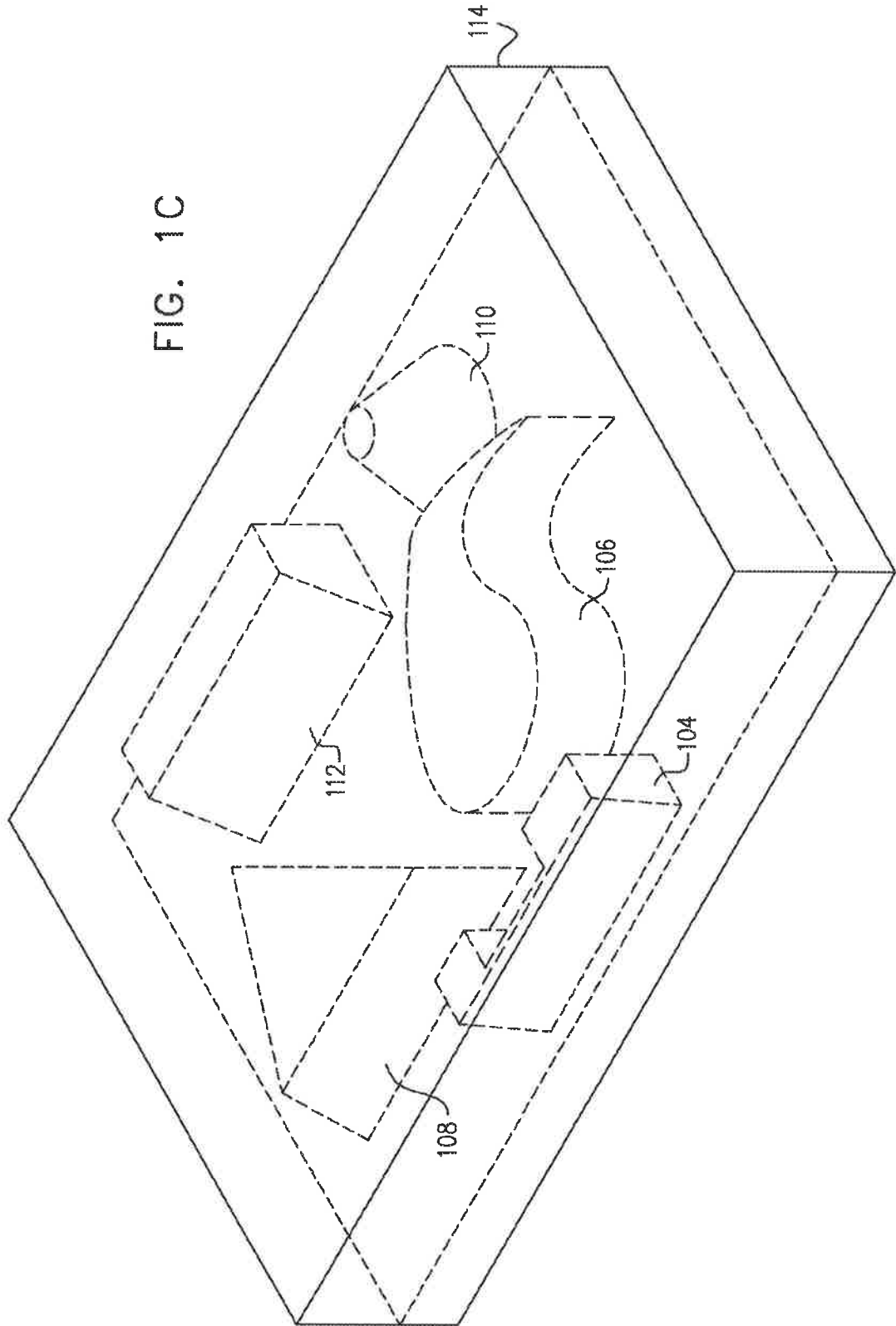


FIG. 1C



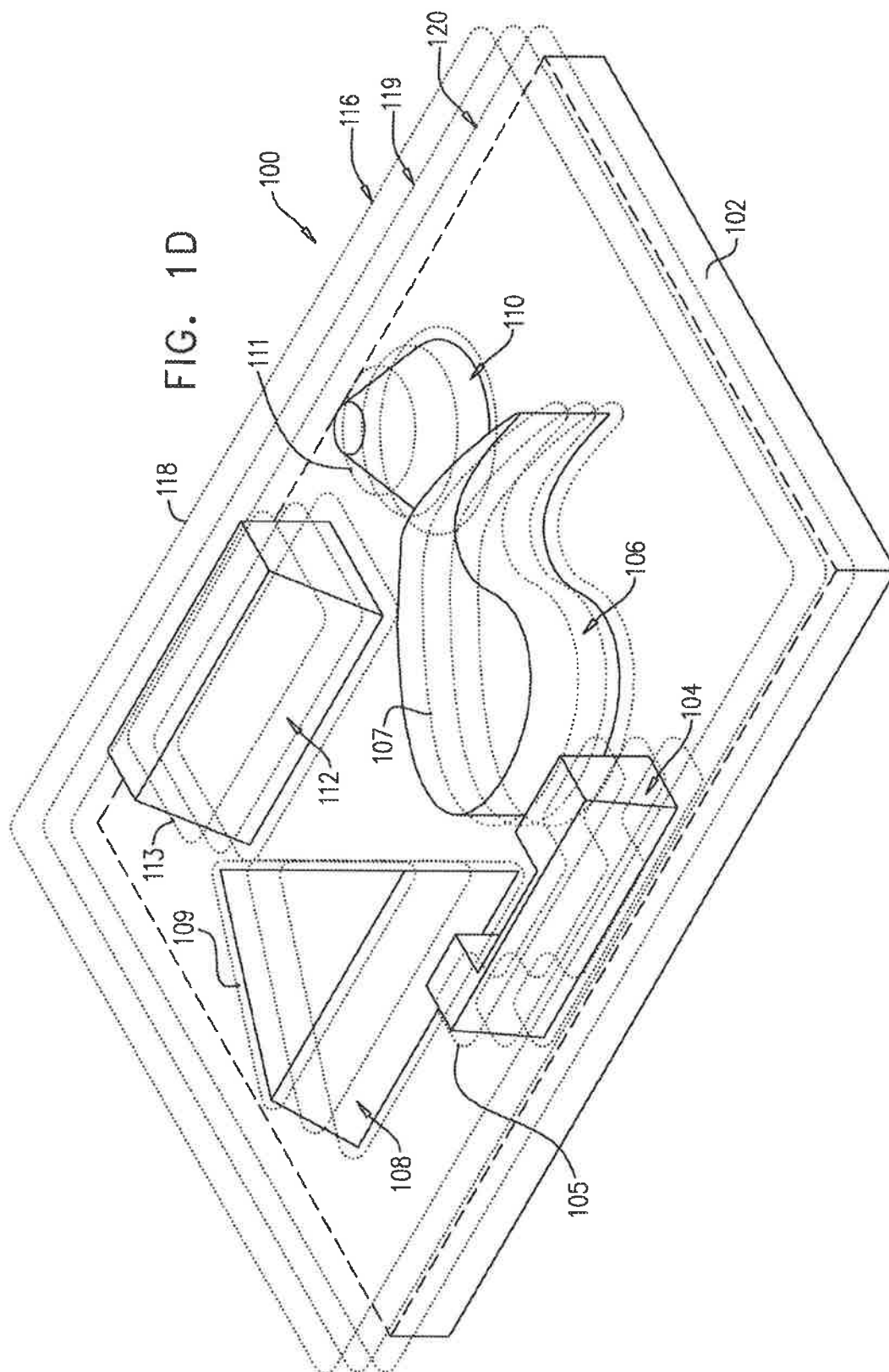


FIG. 1E-1

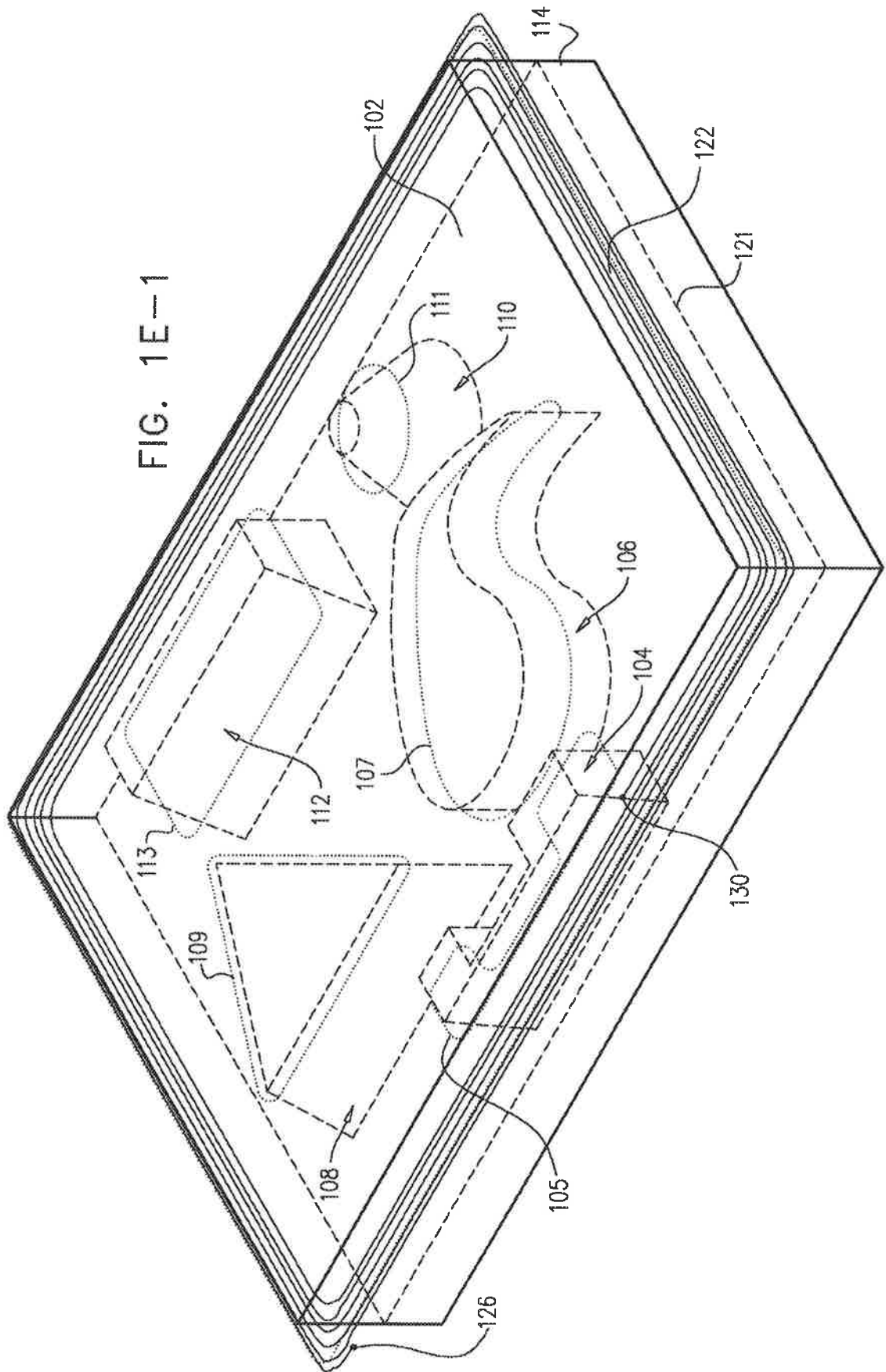


FIG. 1E-2

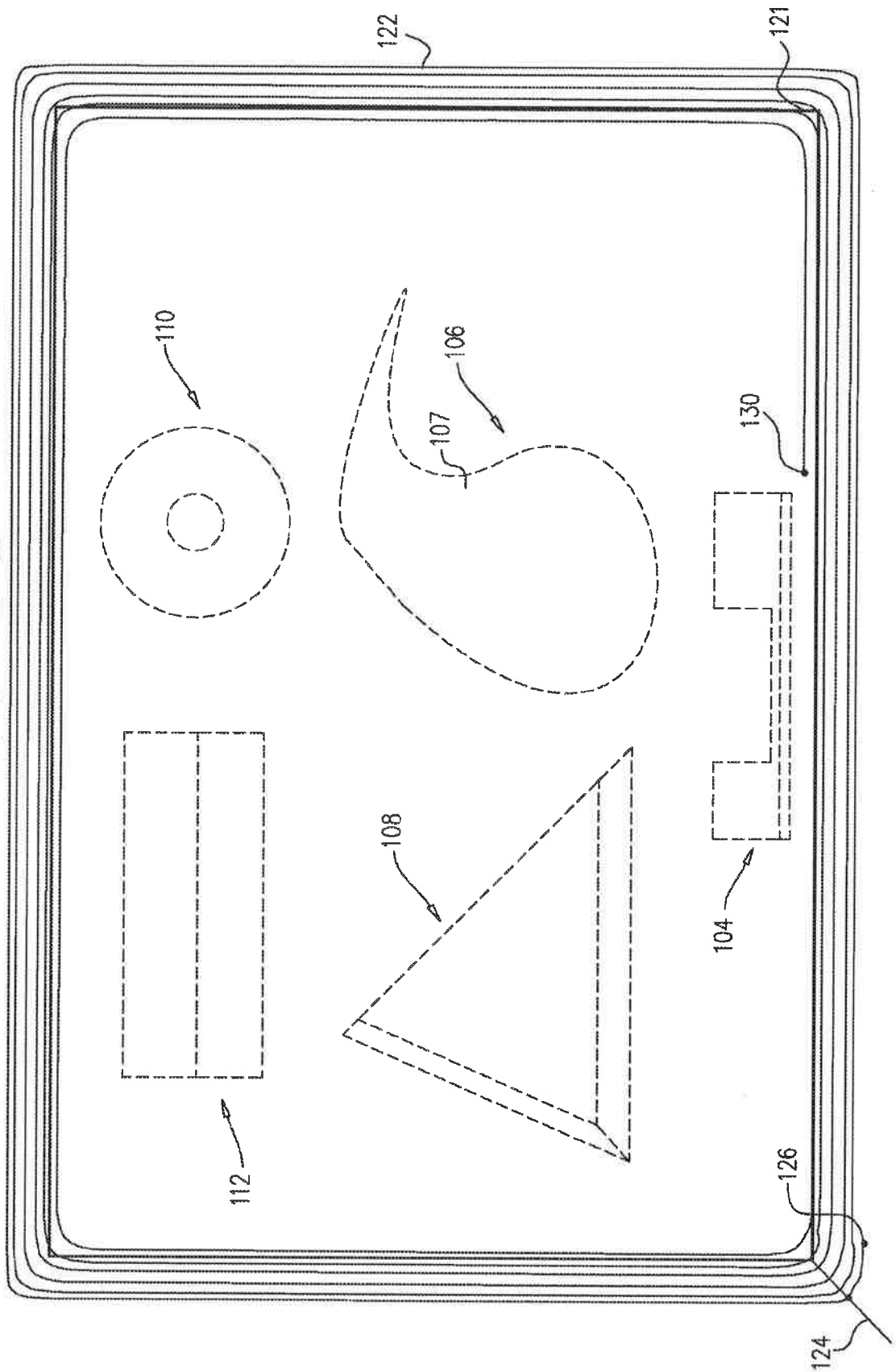


FIG. 1F-2

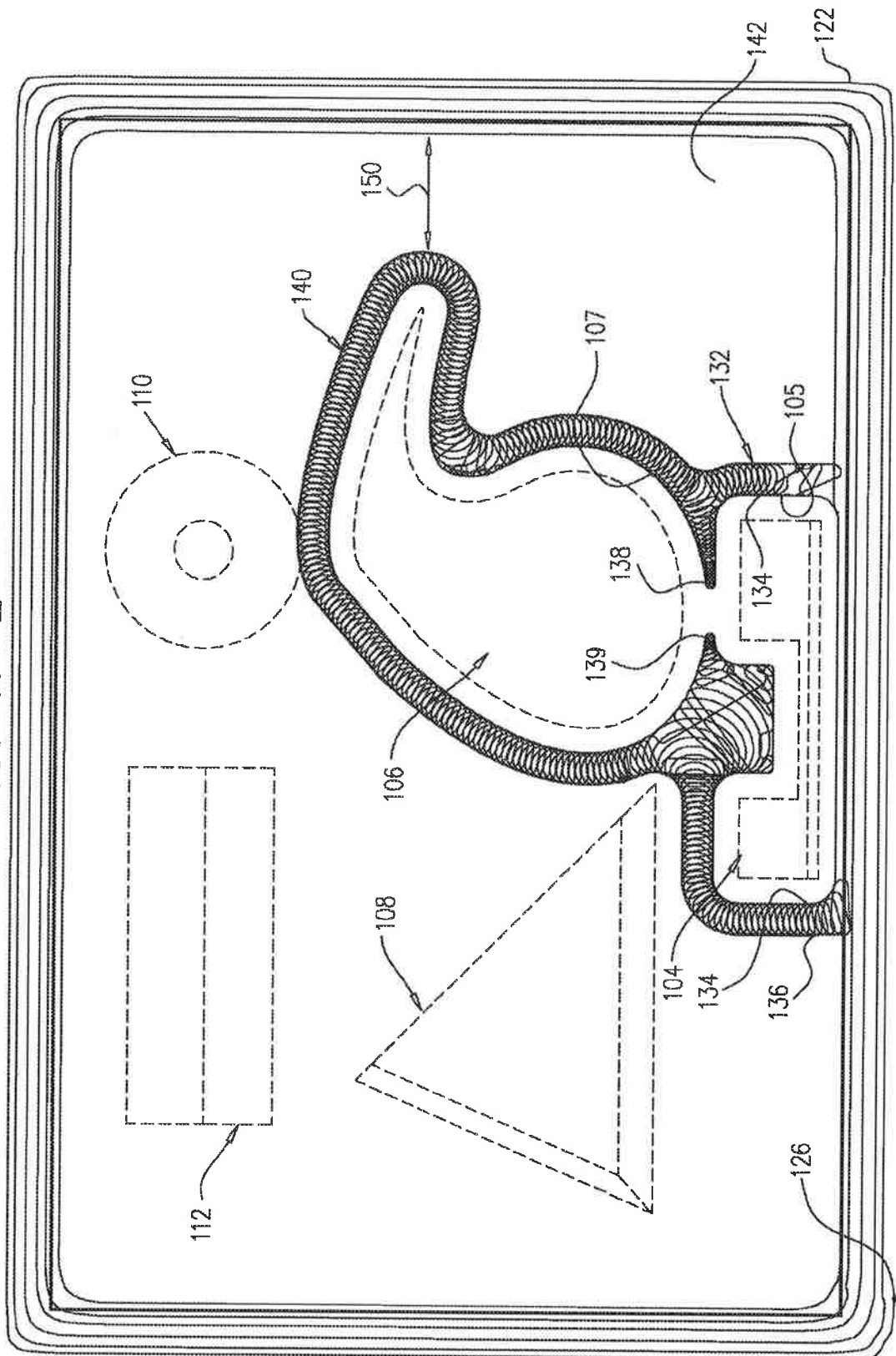
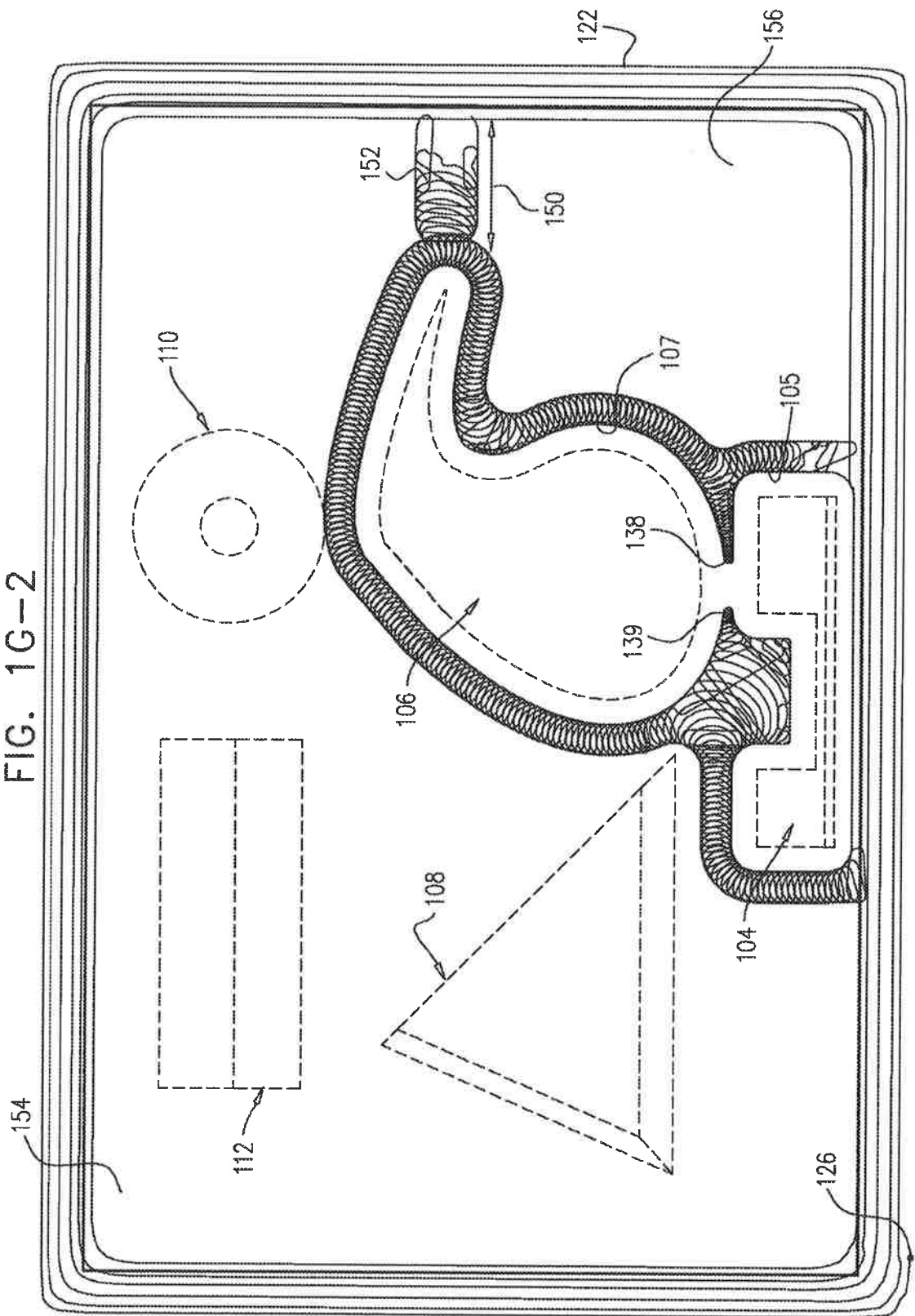
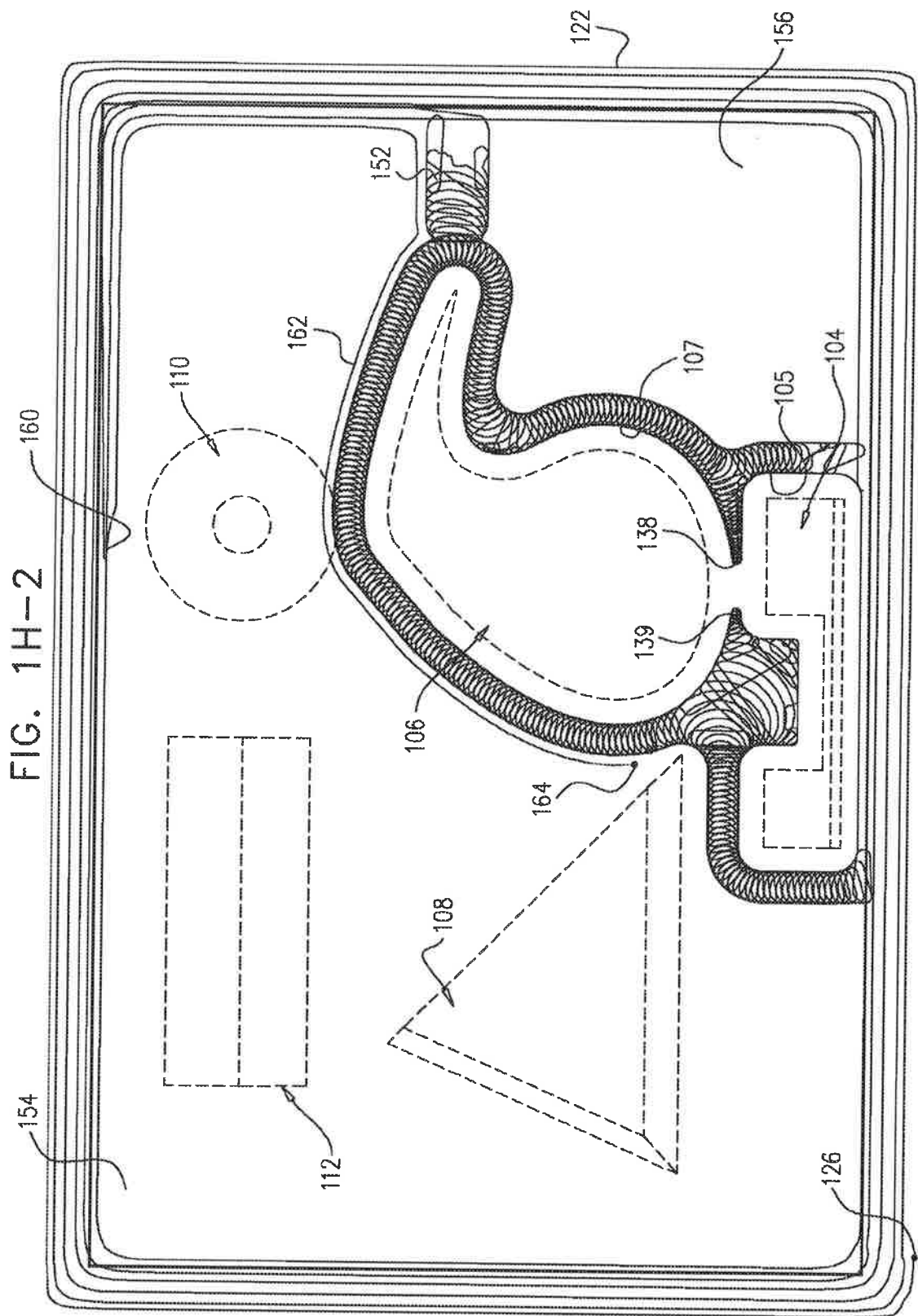


FIG. 1G-2





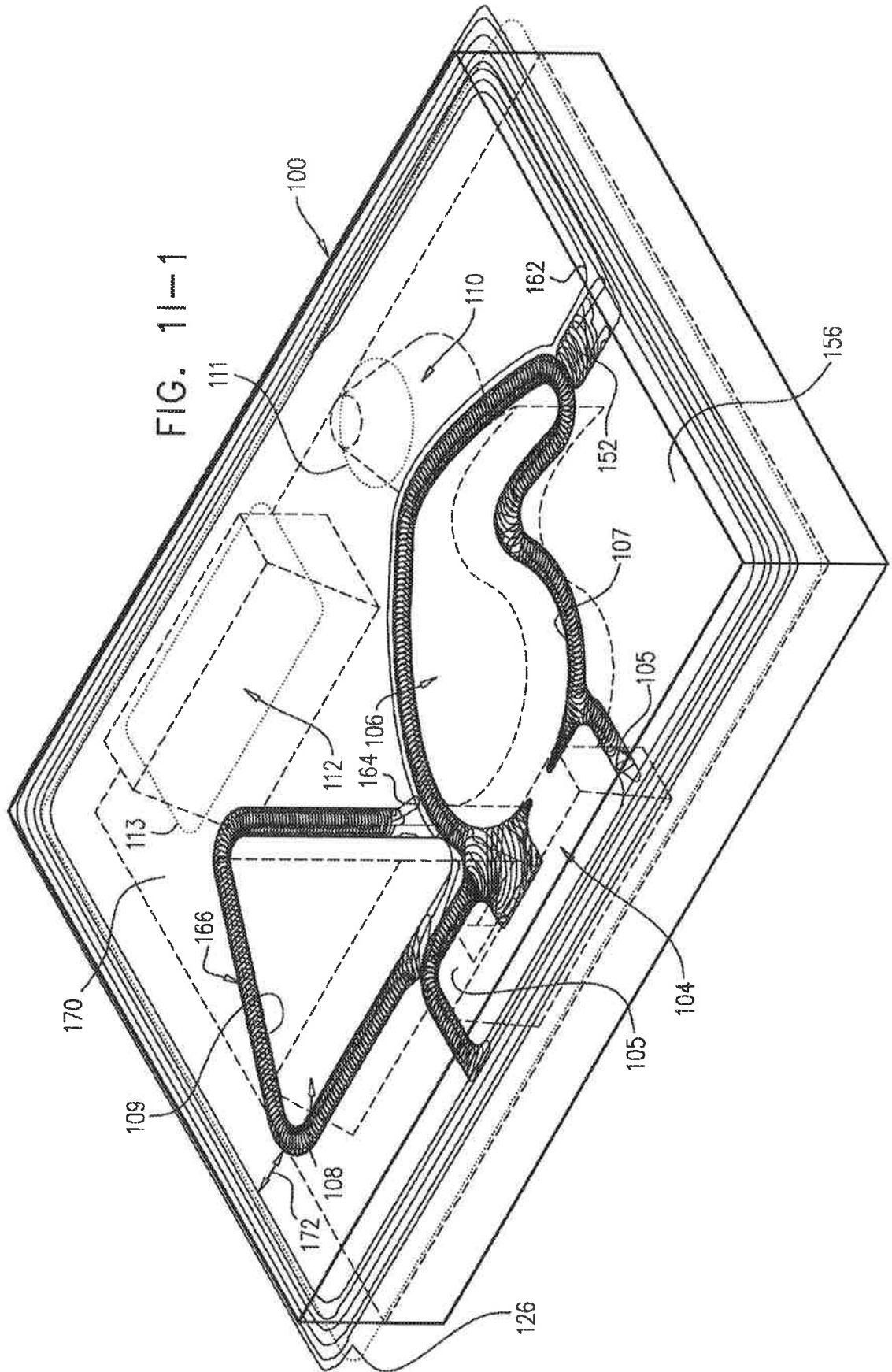


FIG. 1J-1

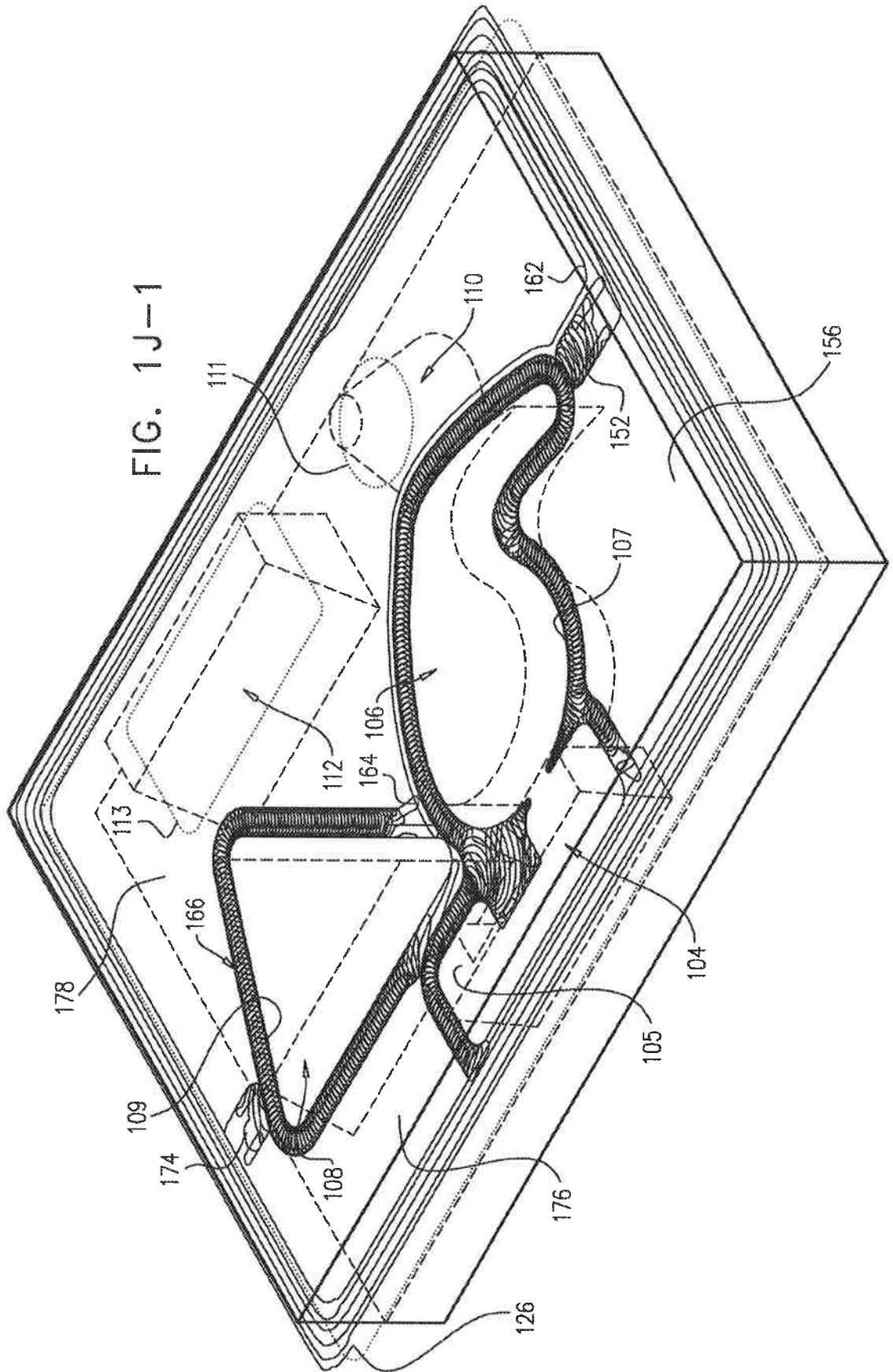


FIG. 1J-2

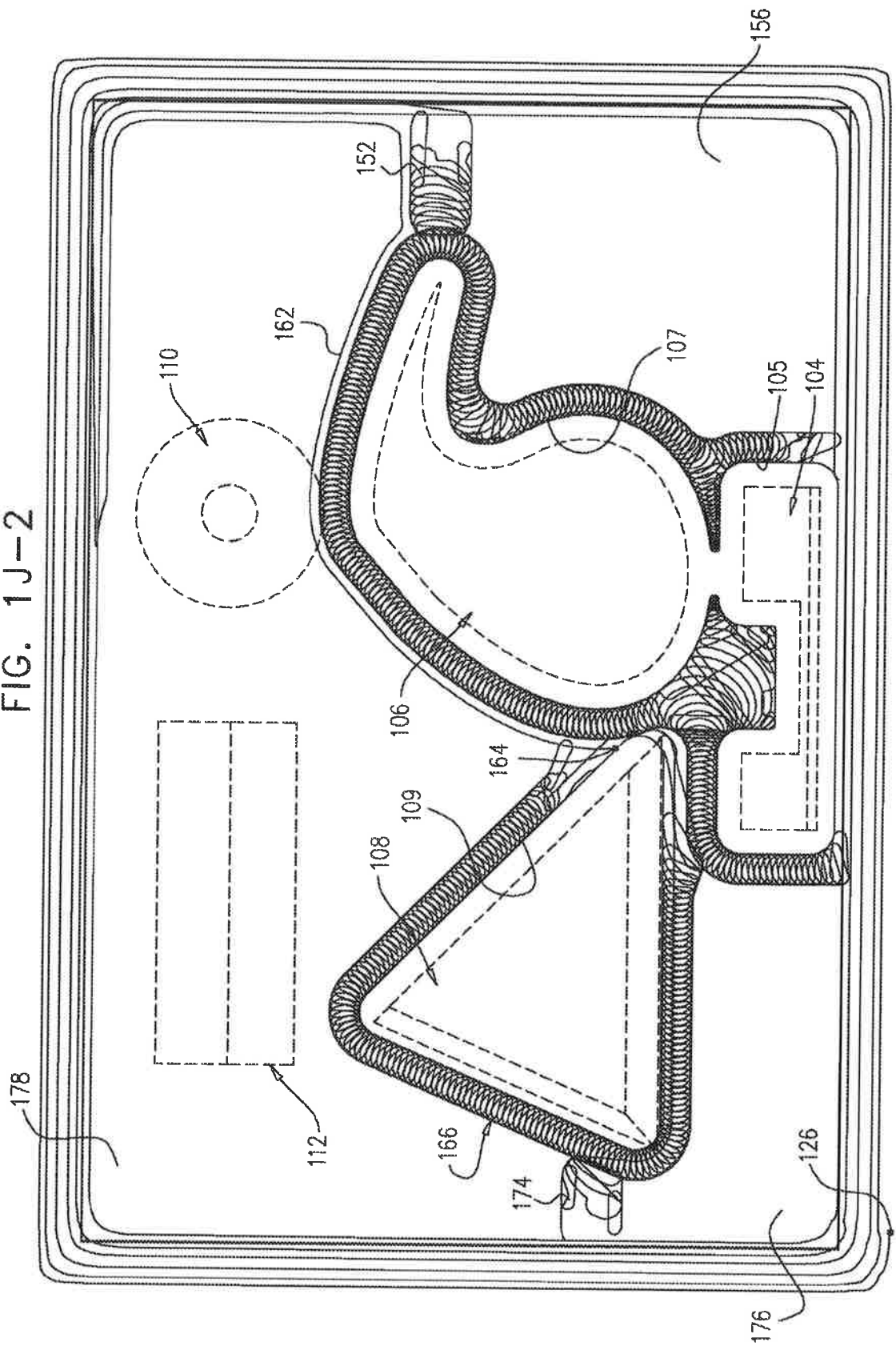


FIG. 1K-1

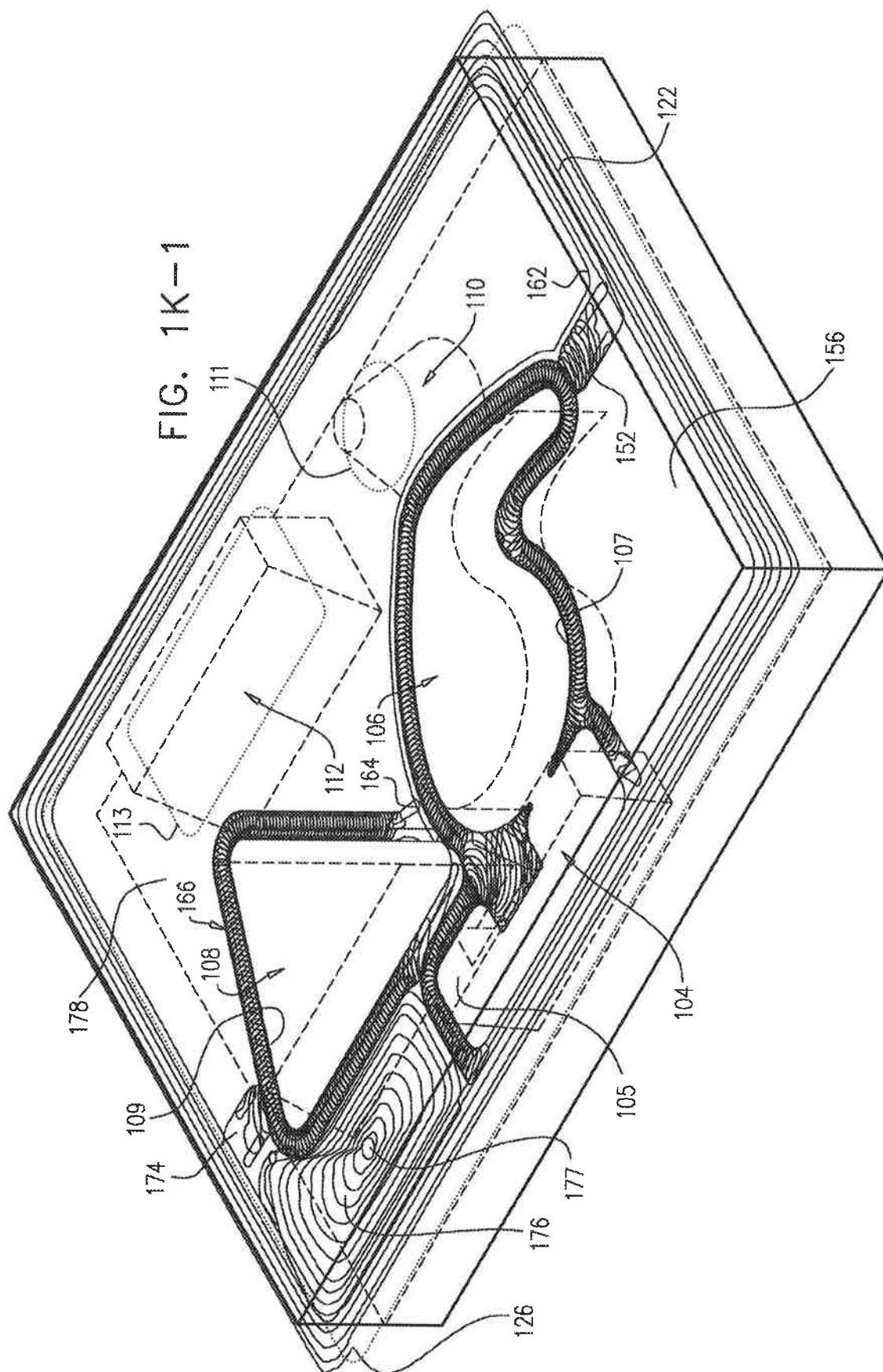
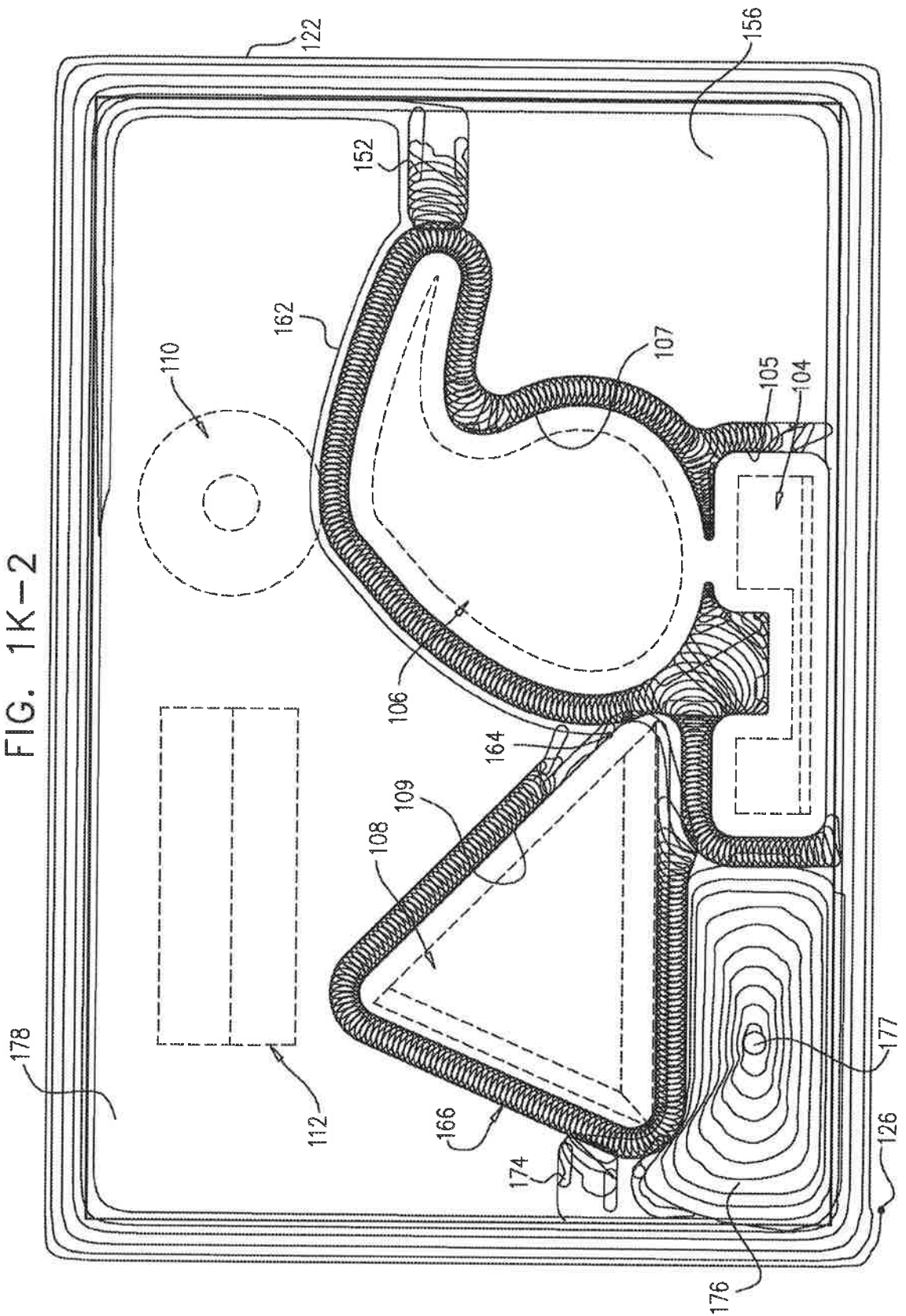
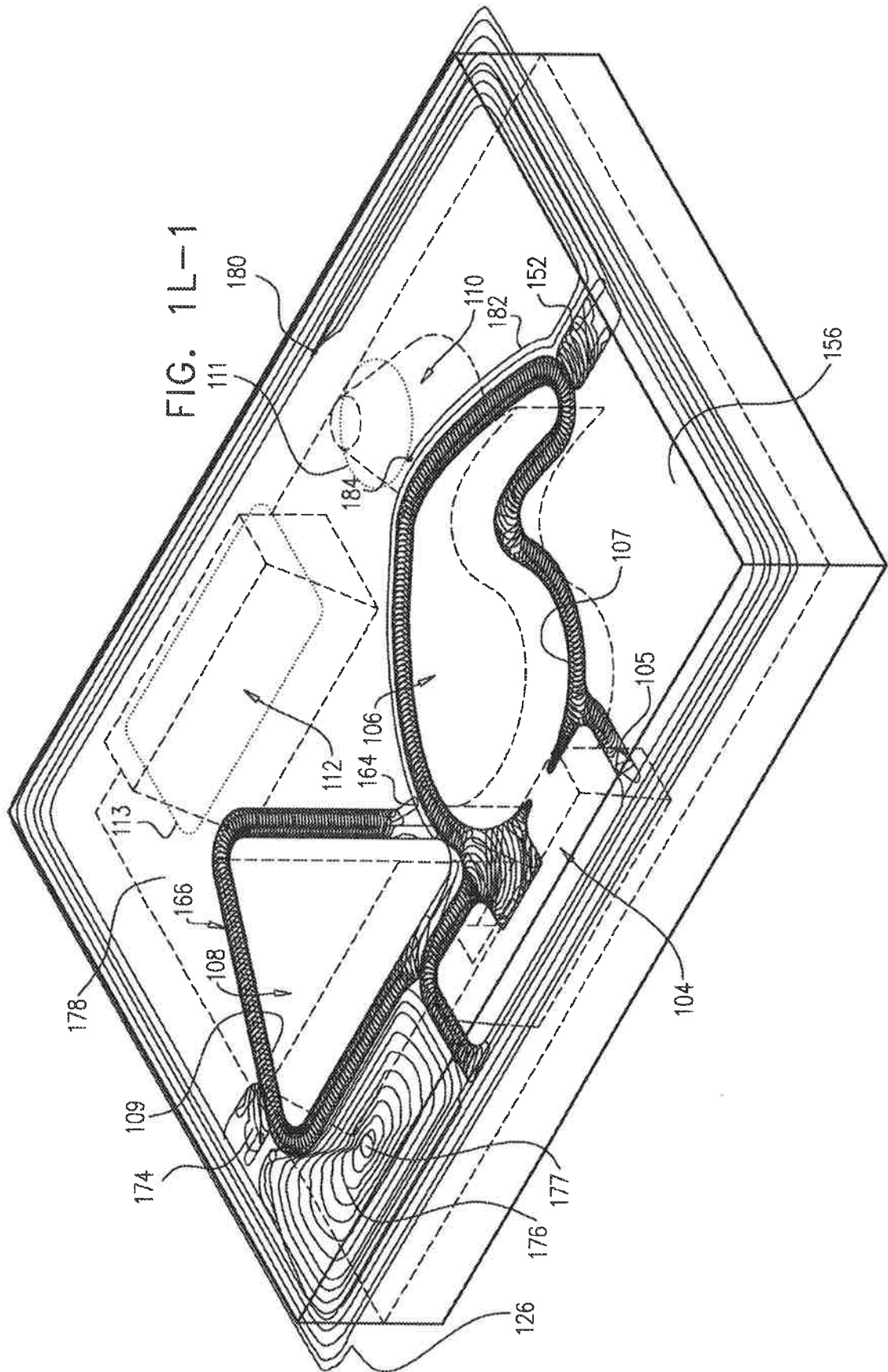


FIG. 1K-2





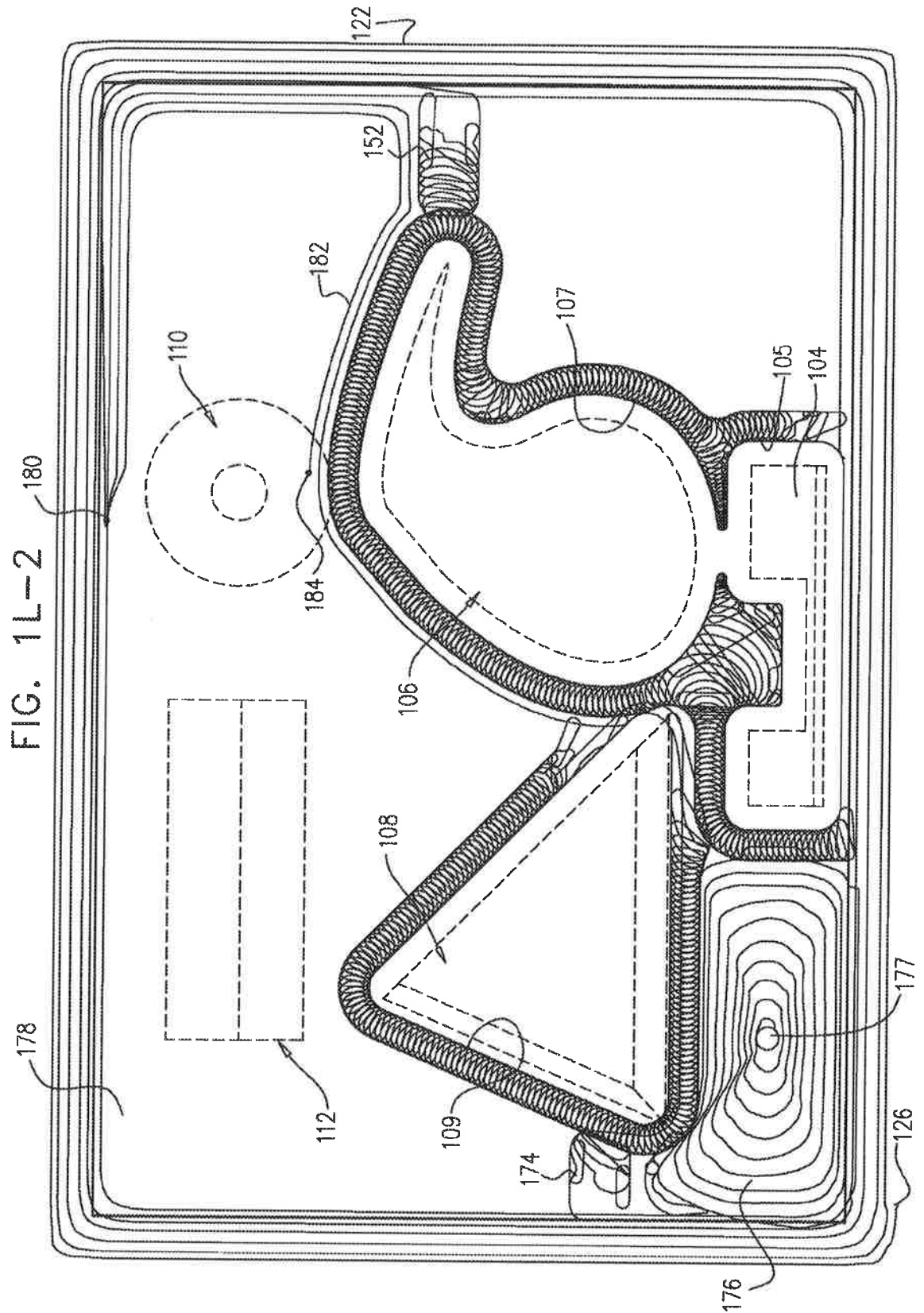


FIG. 1M-1

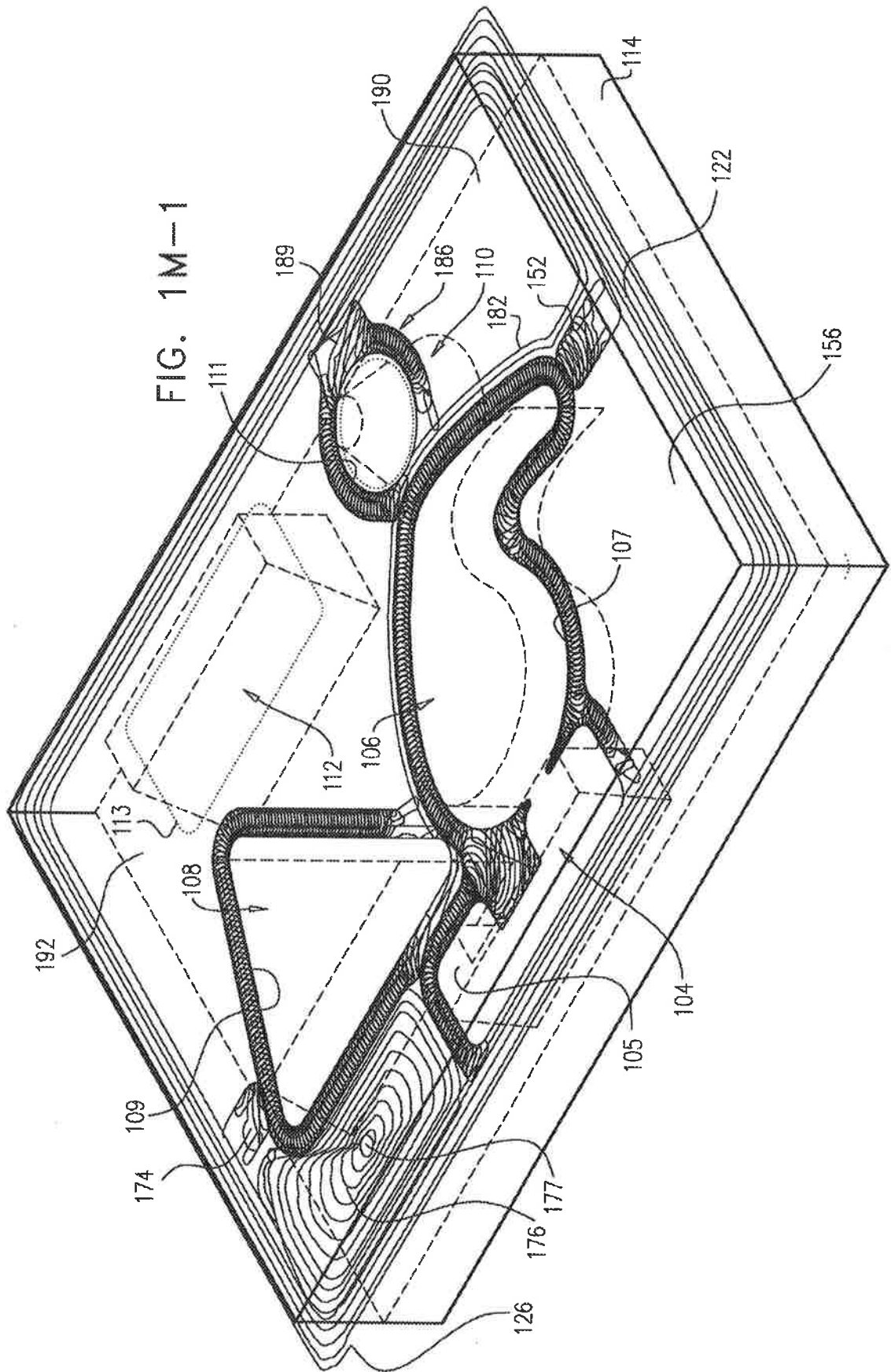
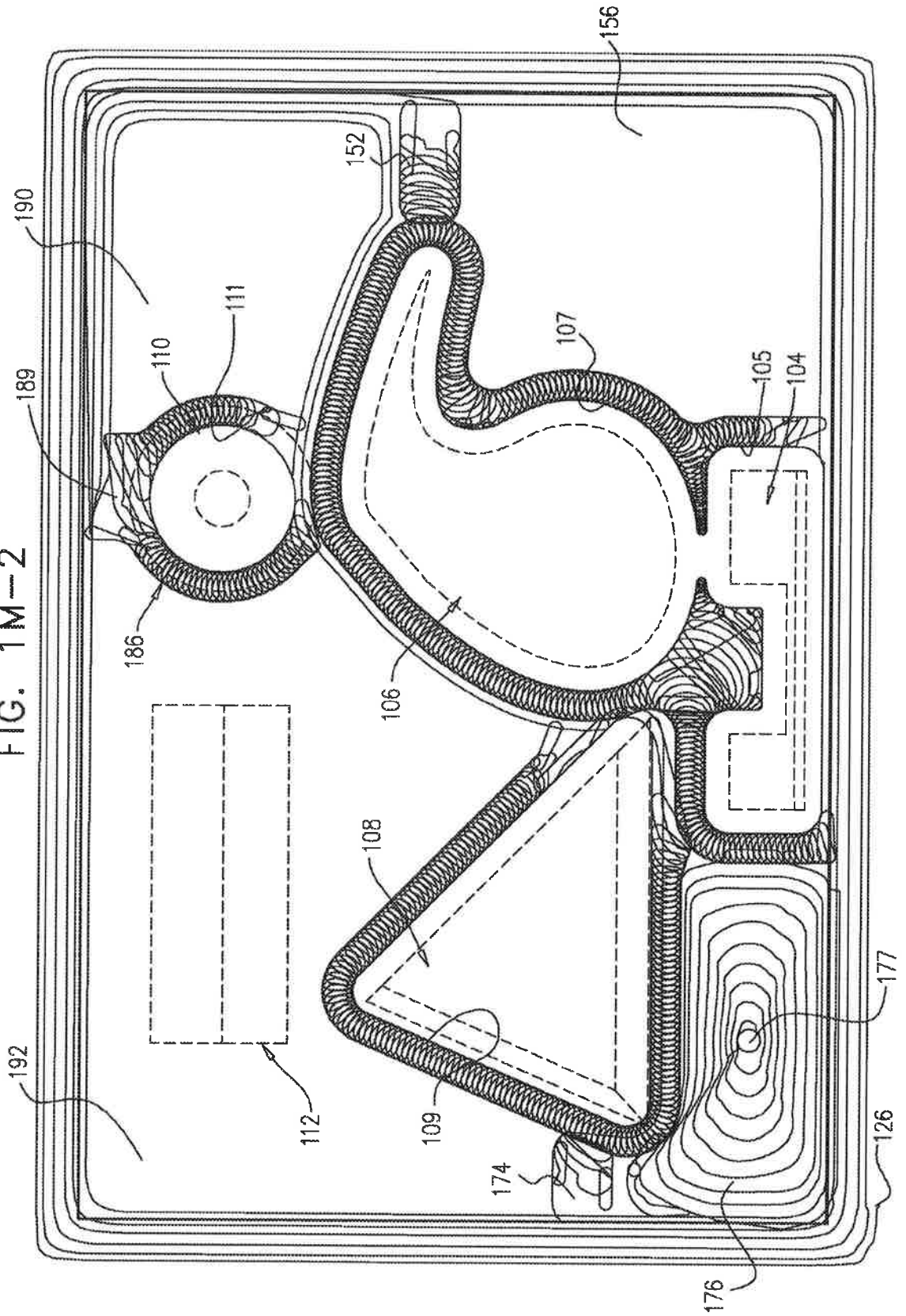
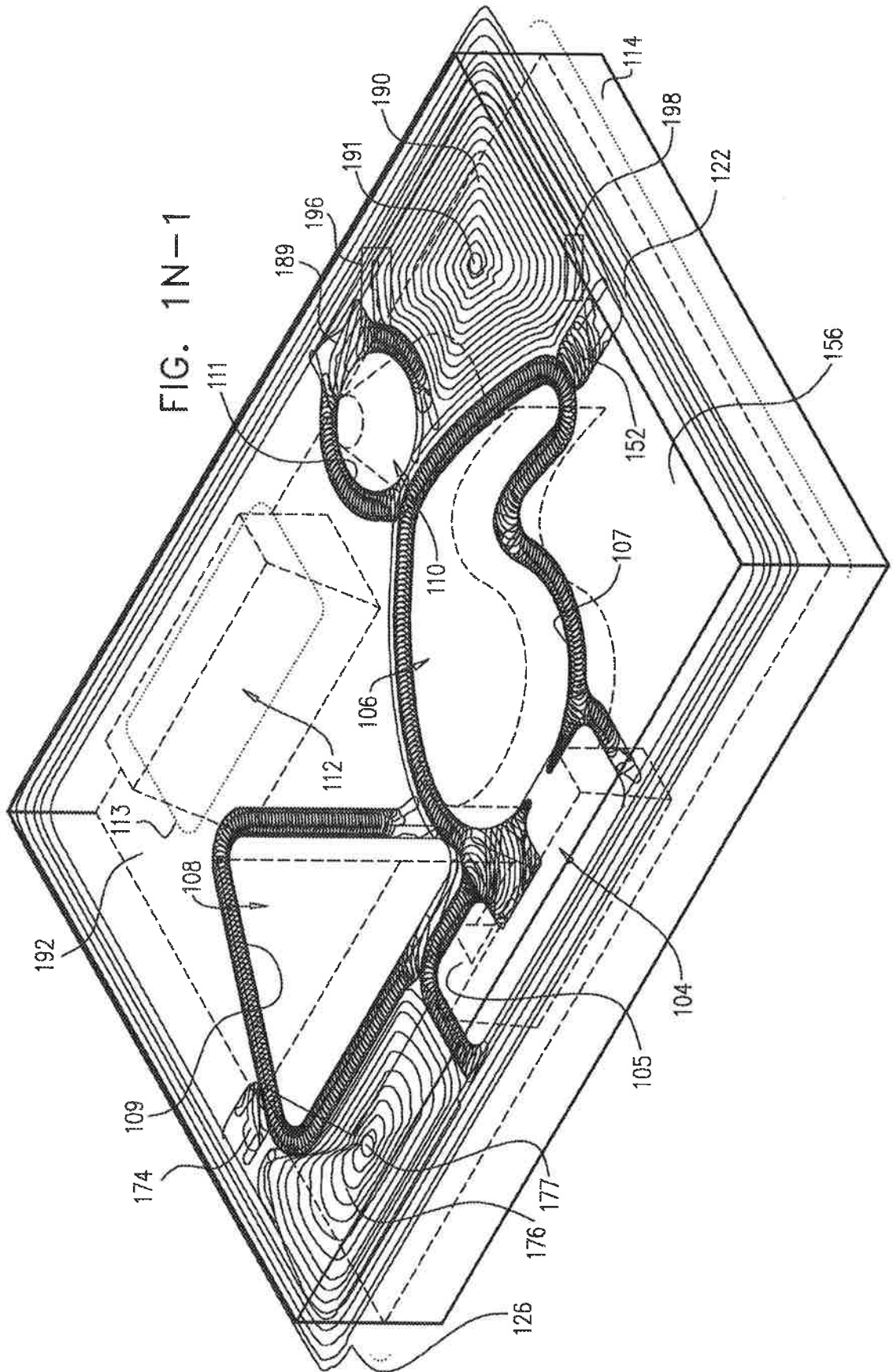


FIG. 1M-2





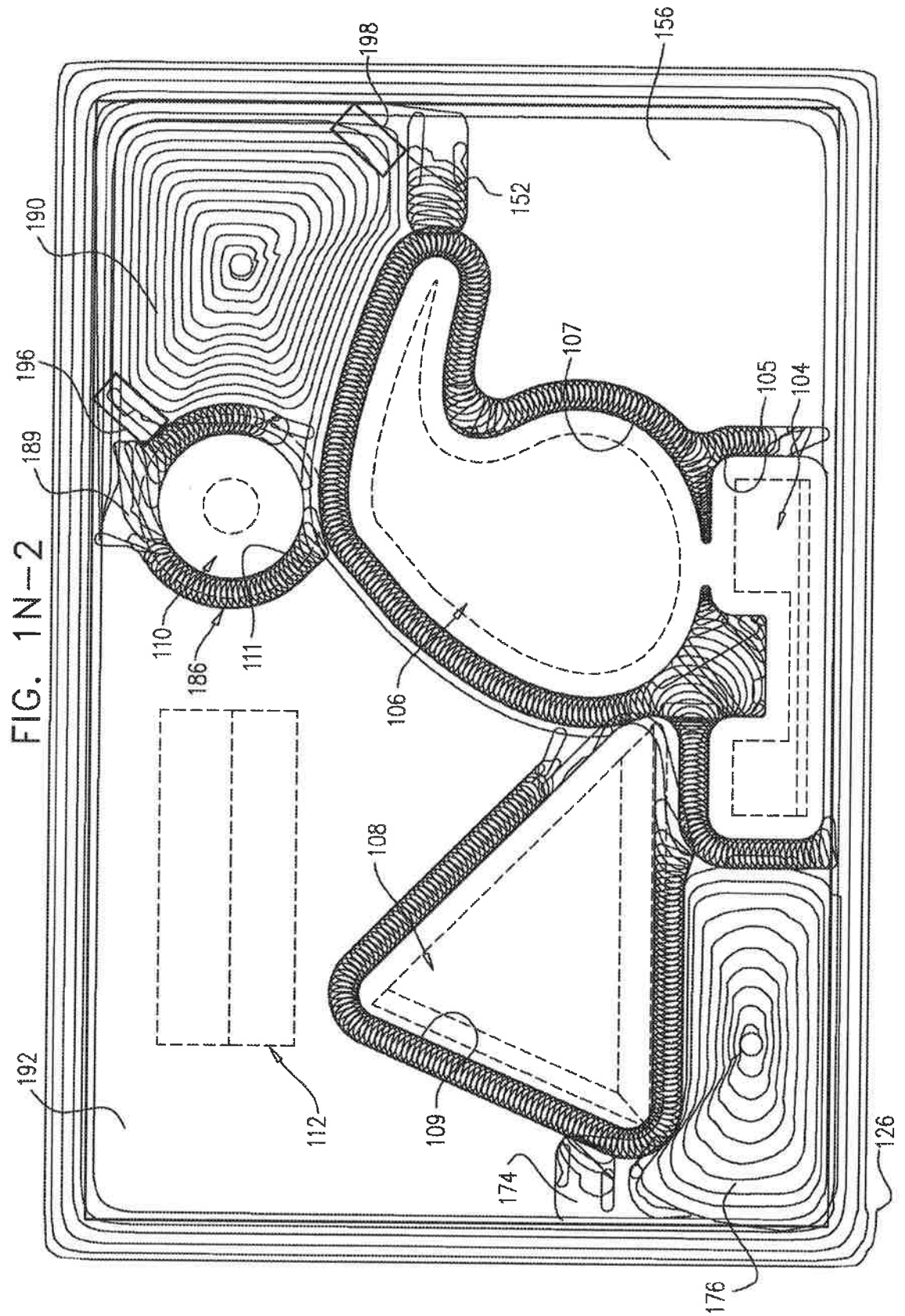
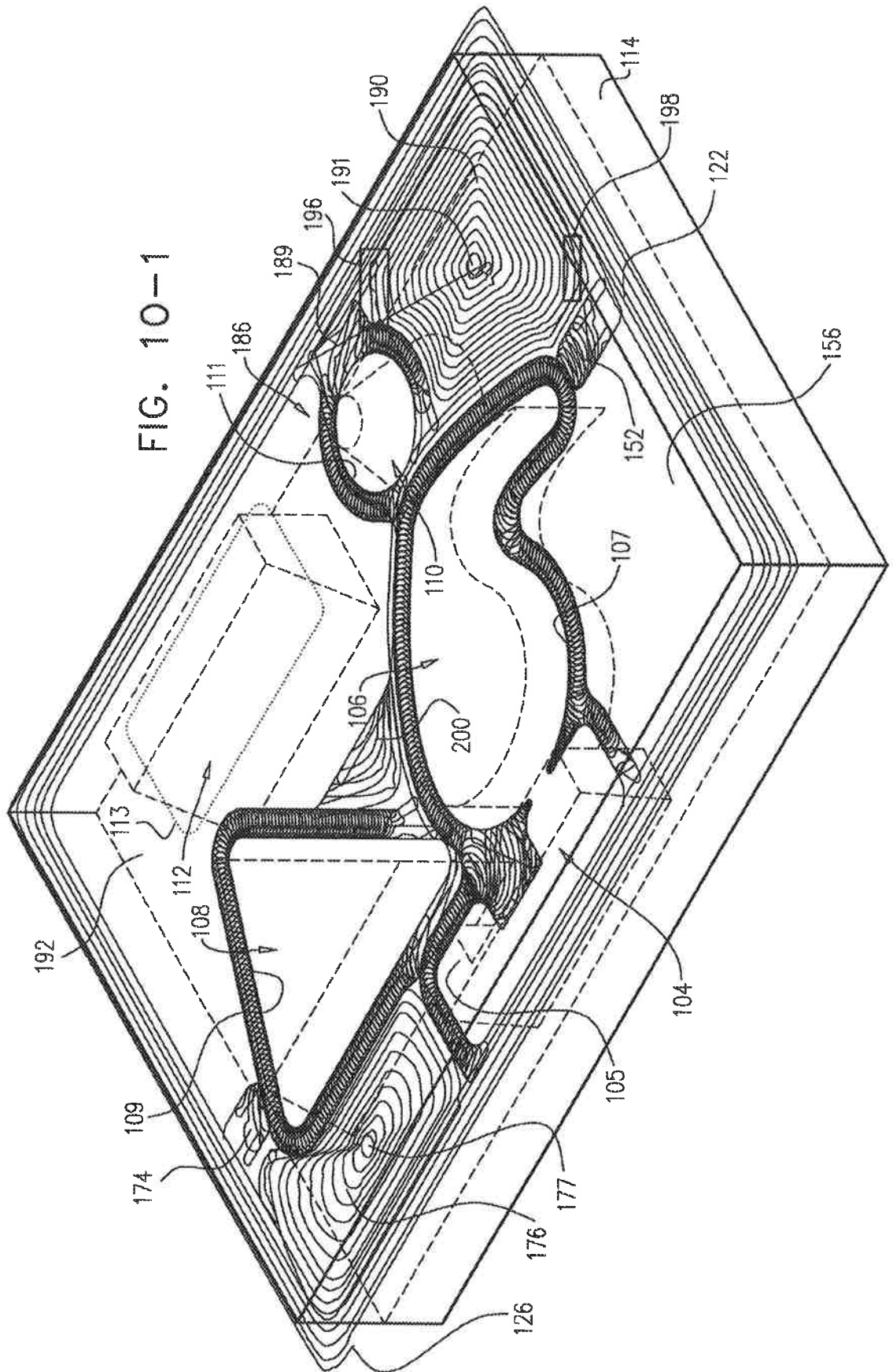
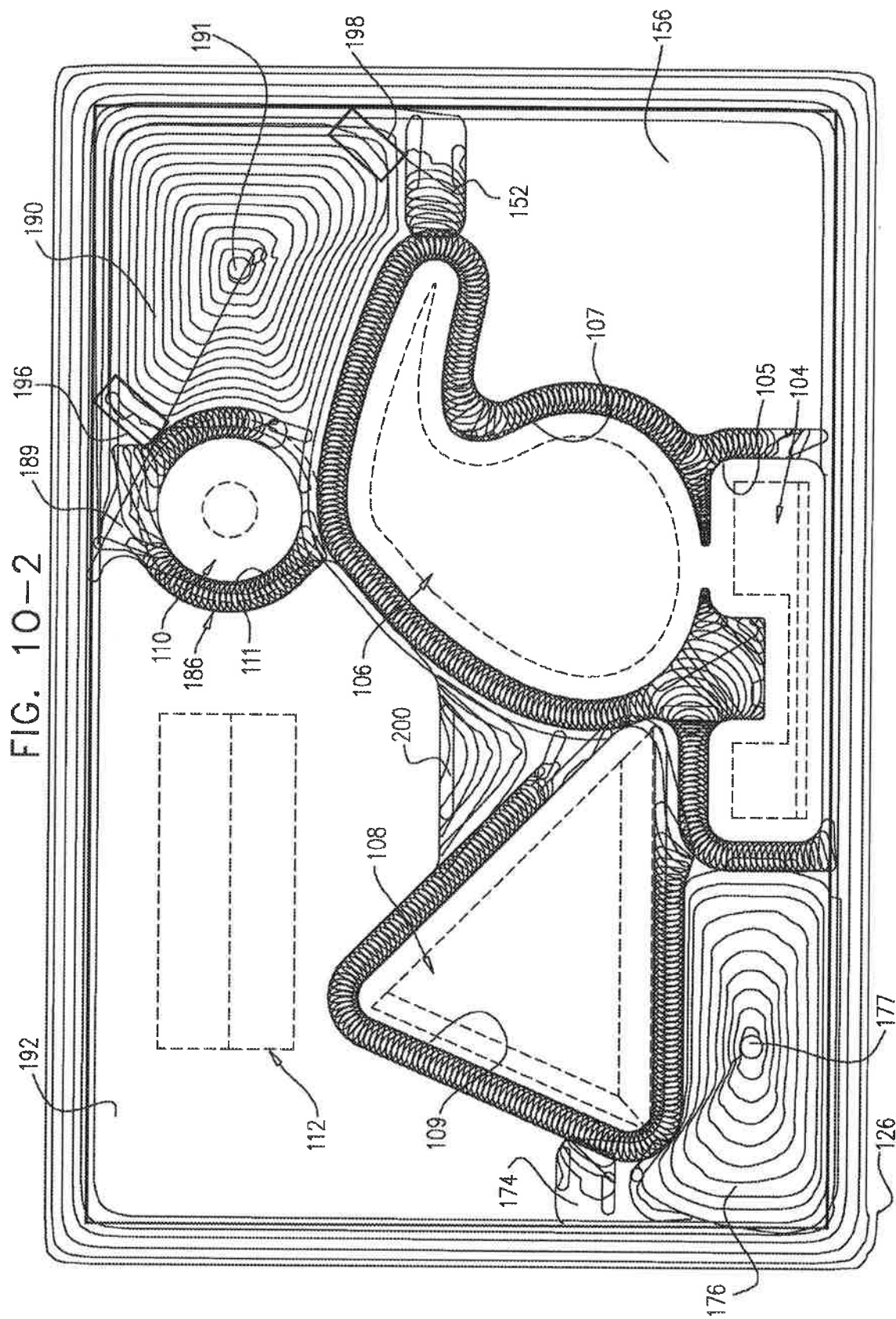


FIG. 10-1





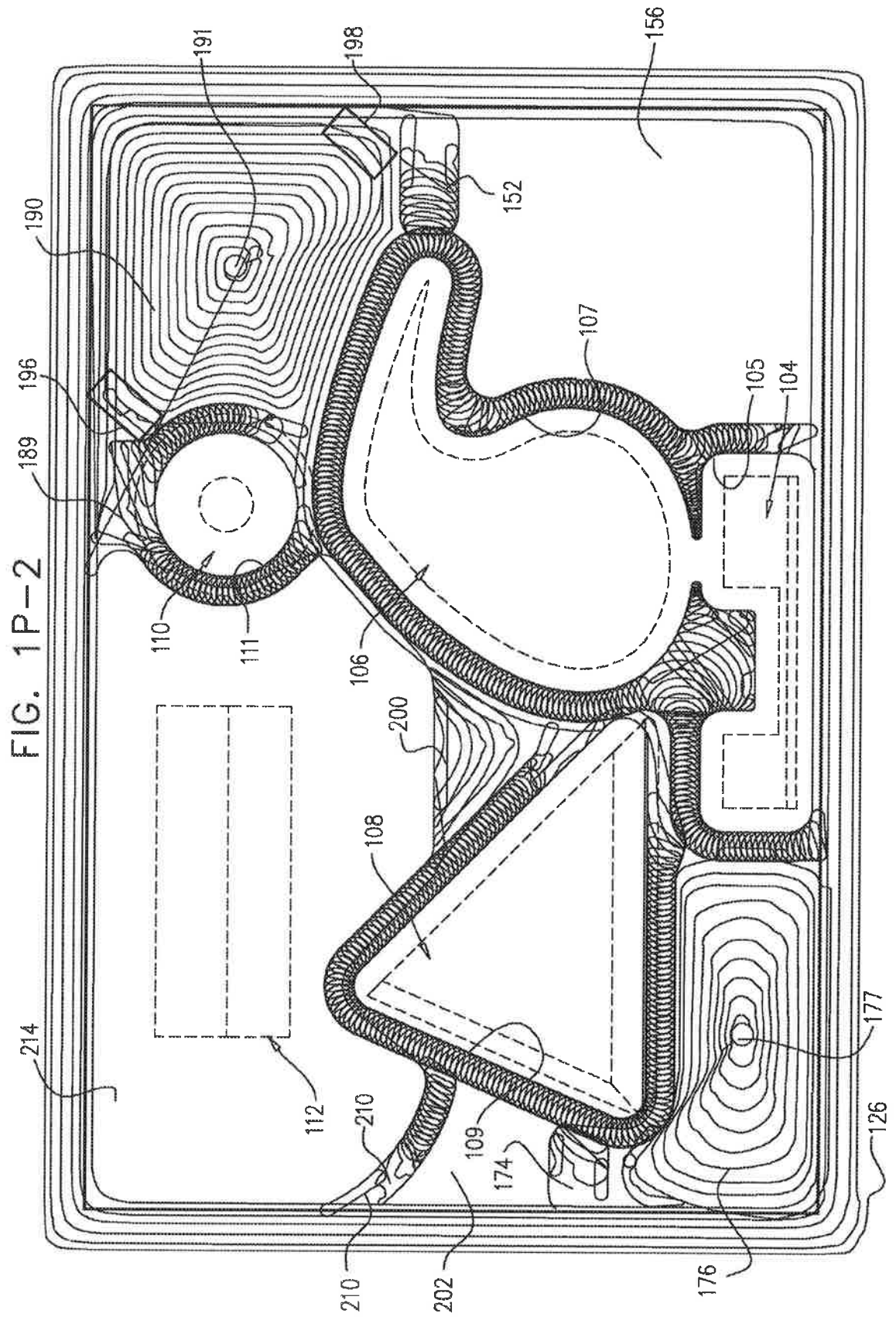
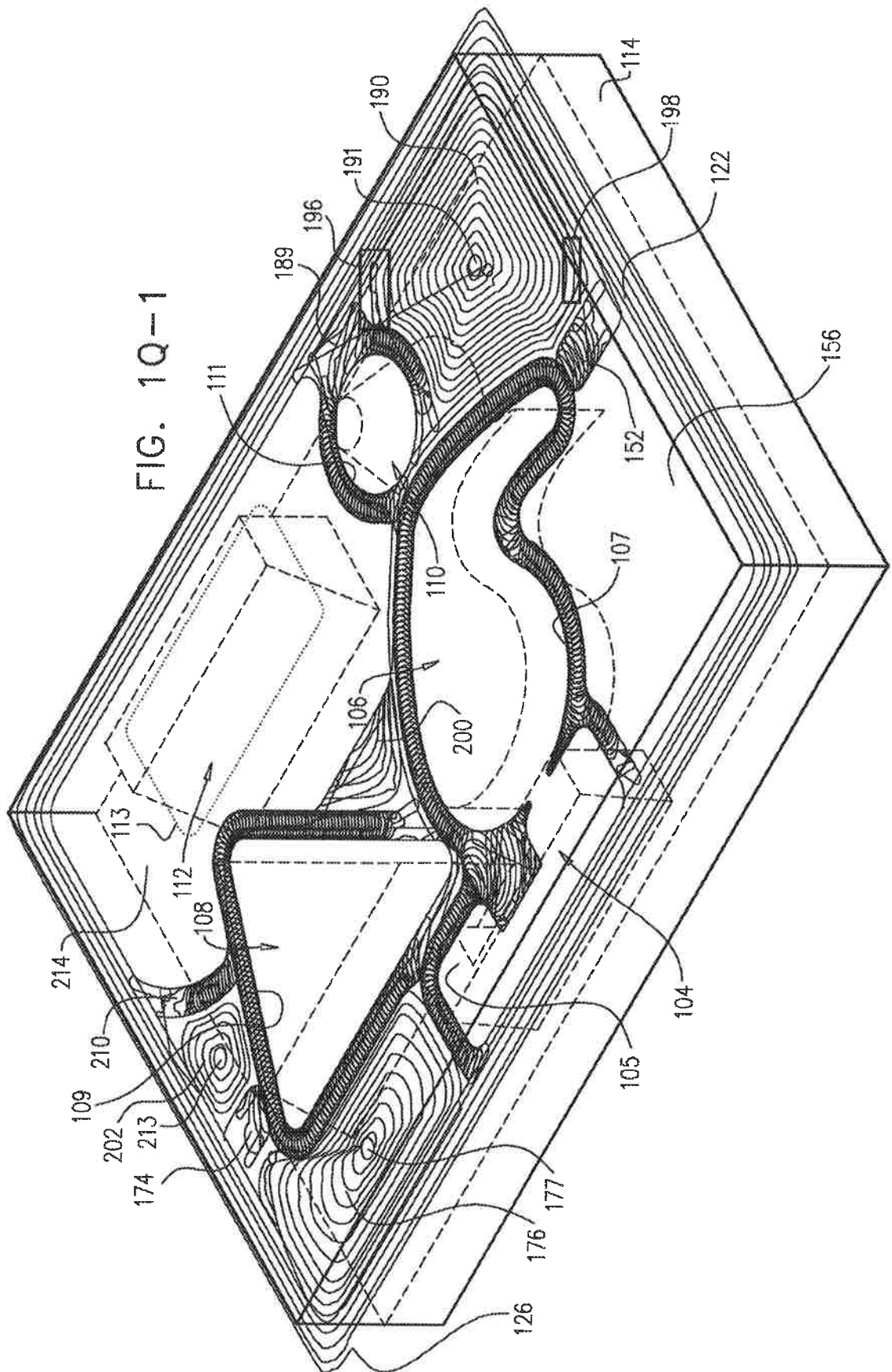
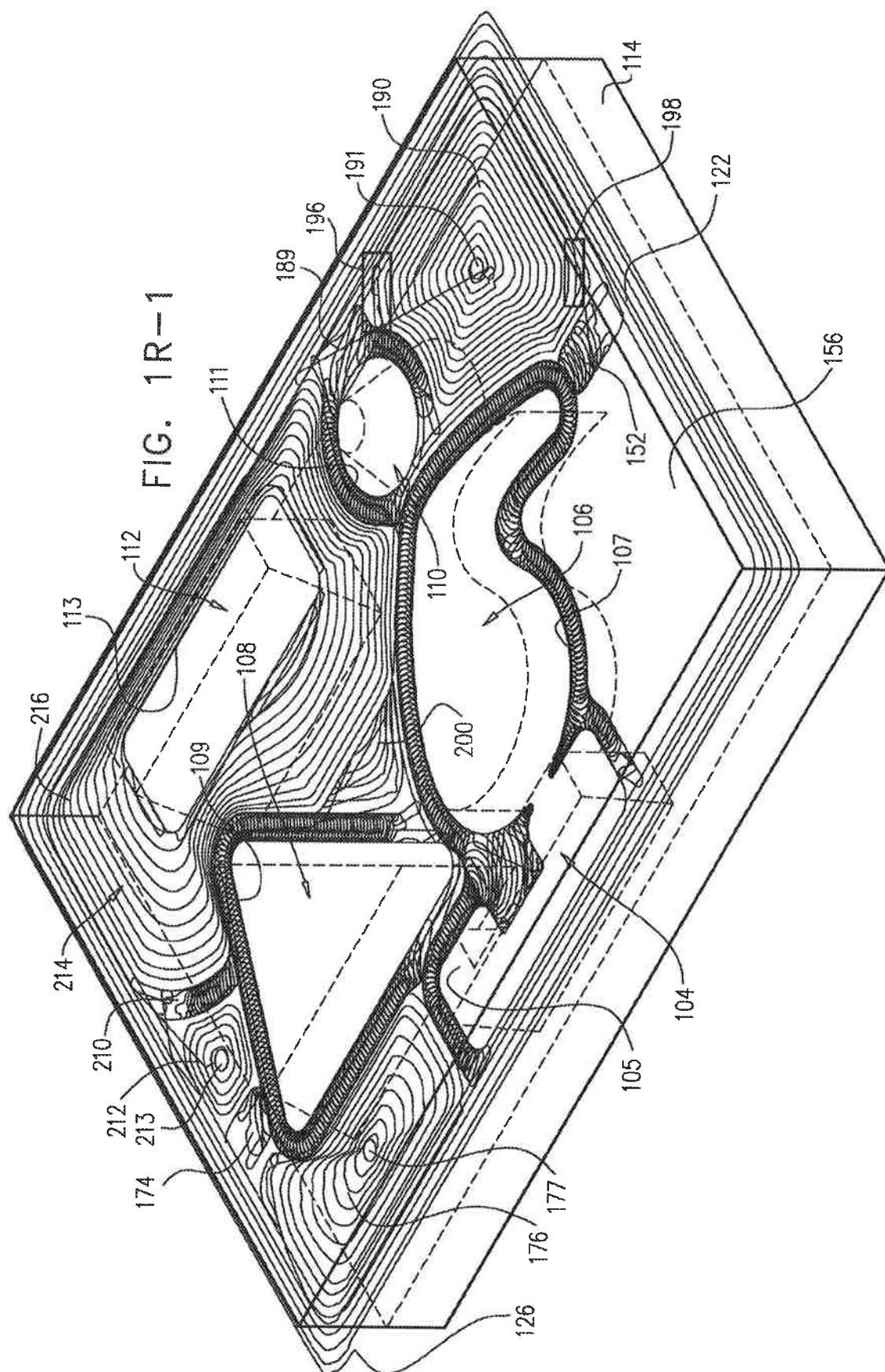
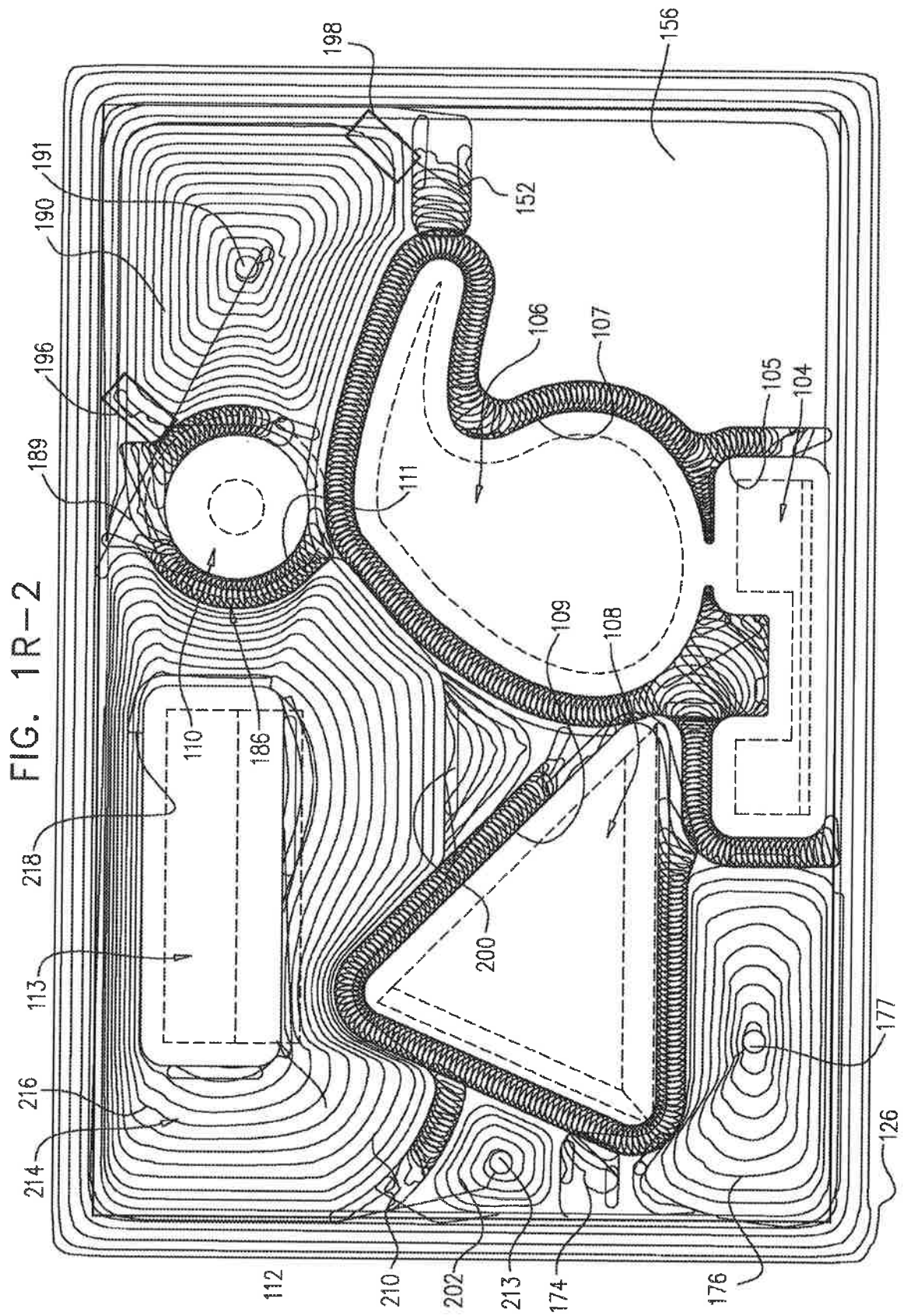
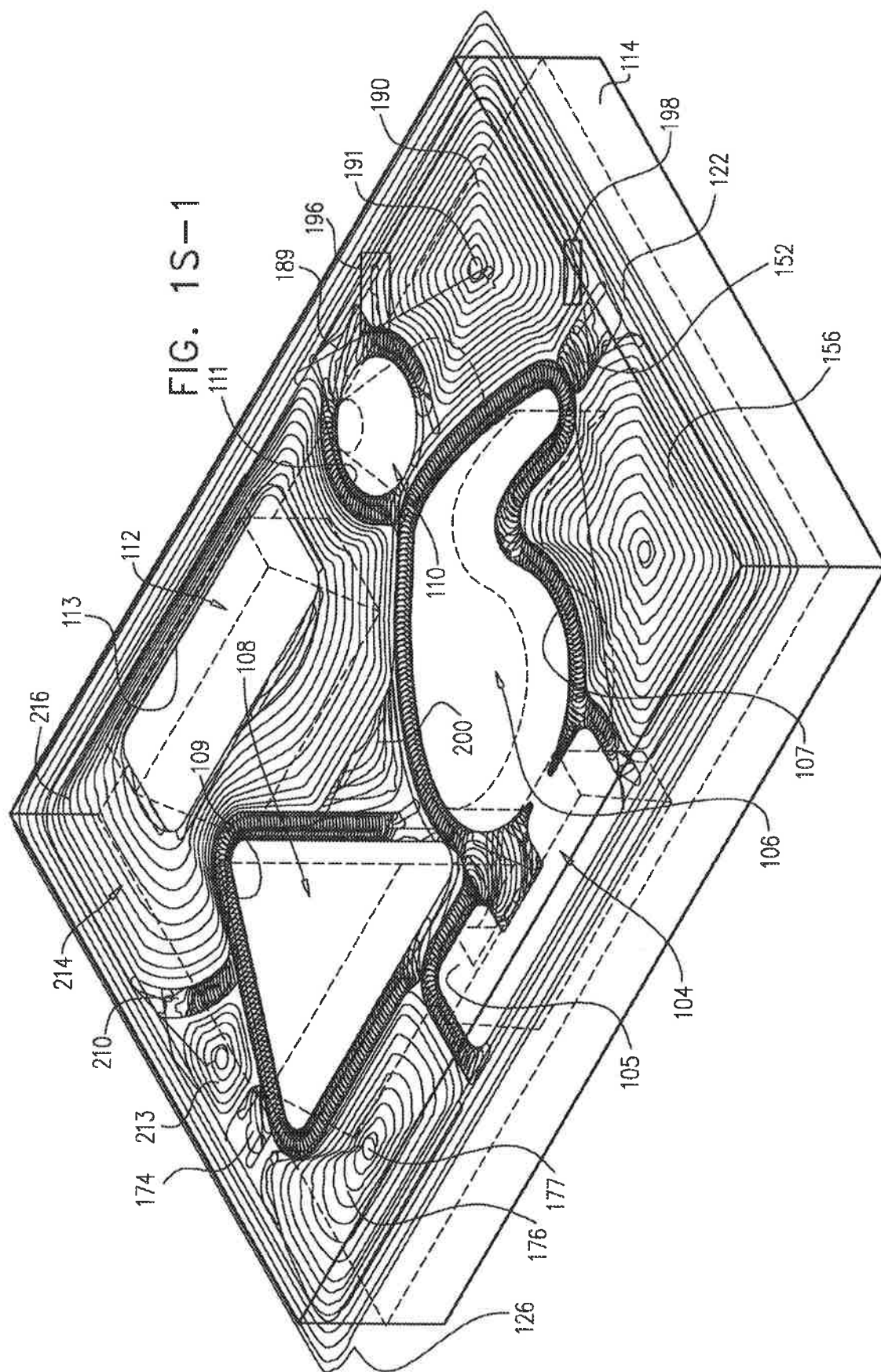


FIG. 1Q-1









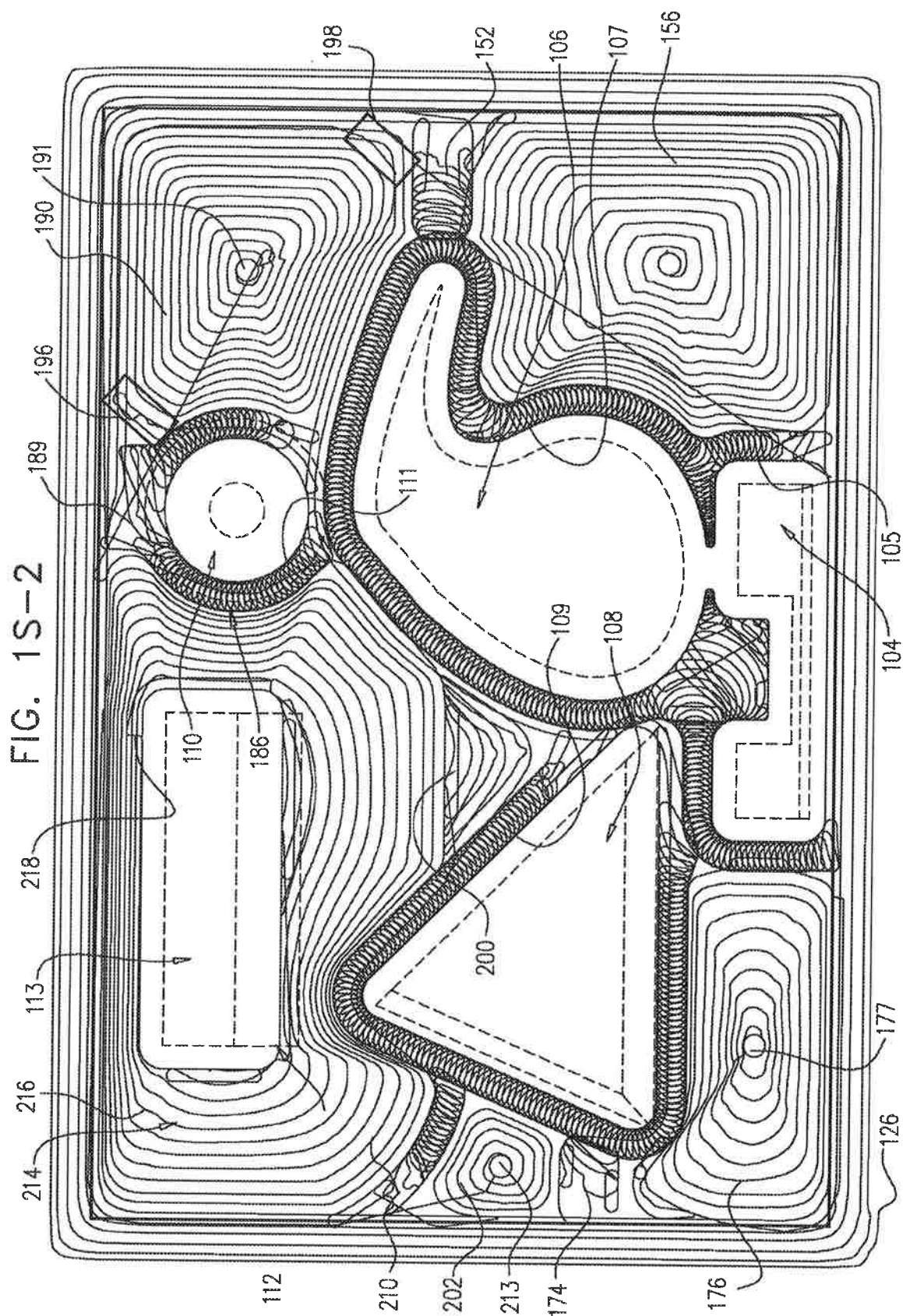


FIG. 2A

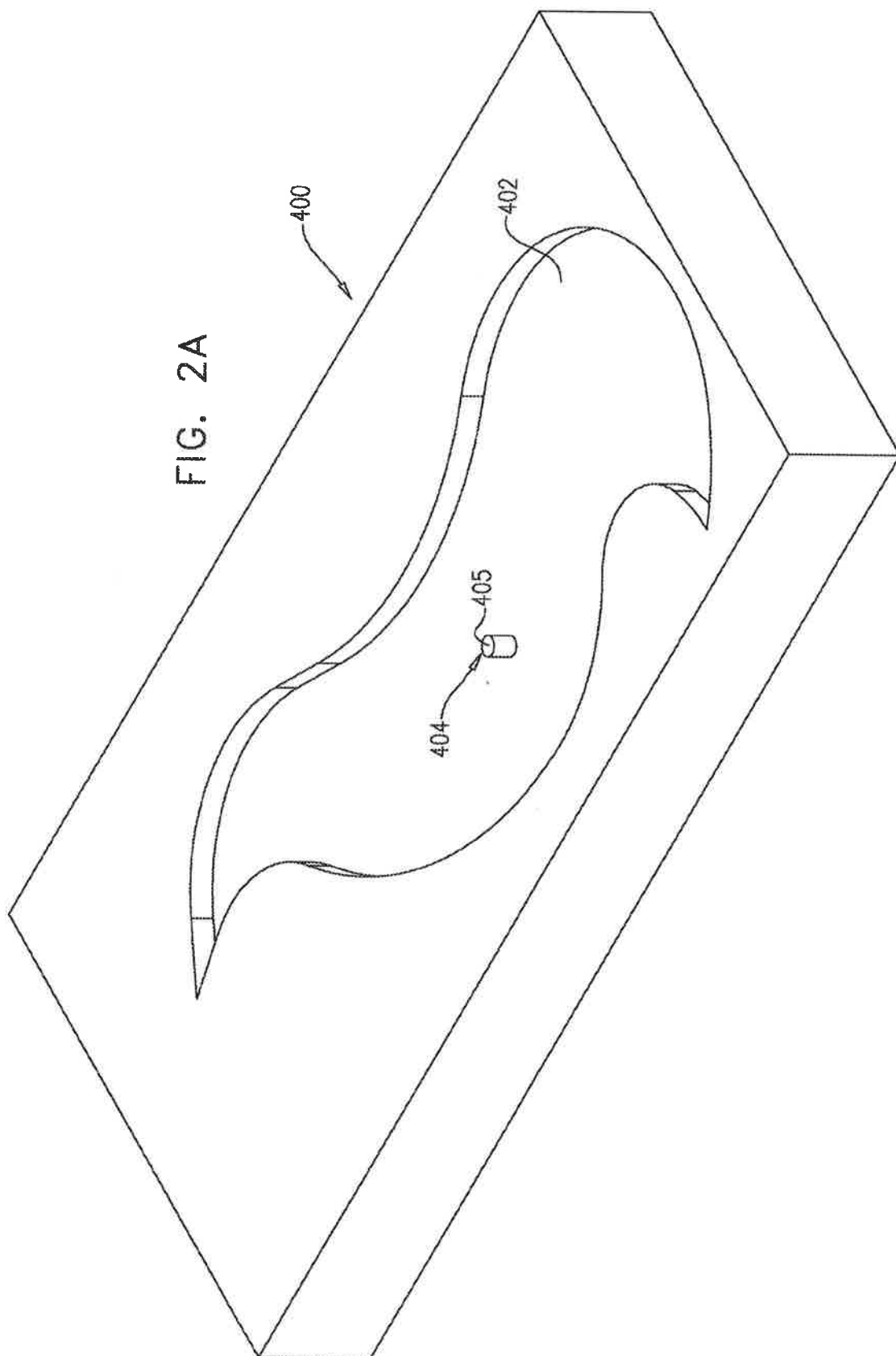
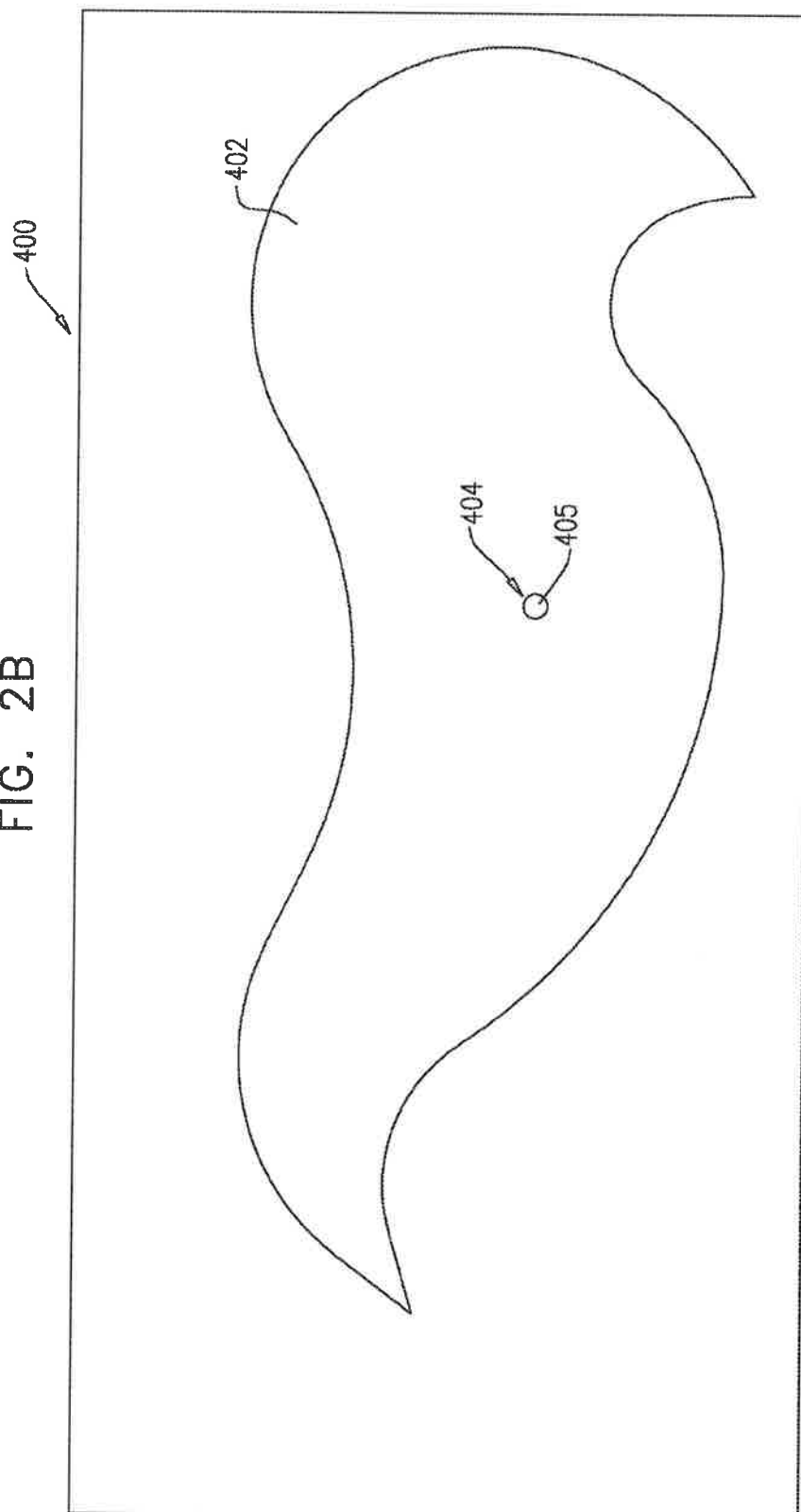
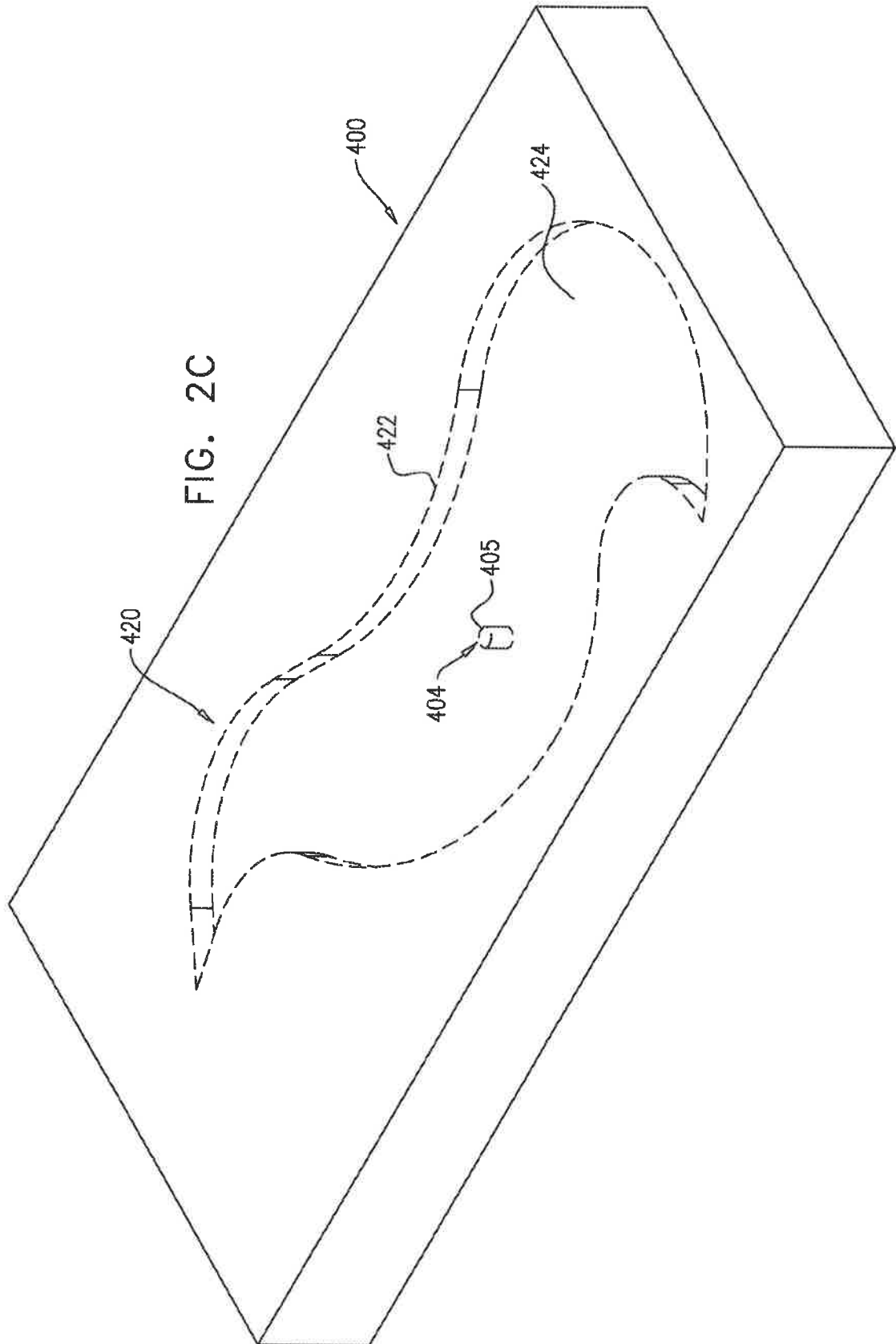


FIG. 2B





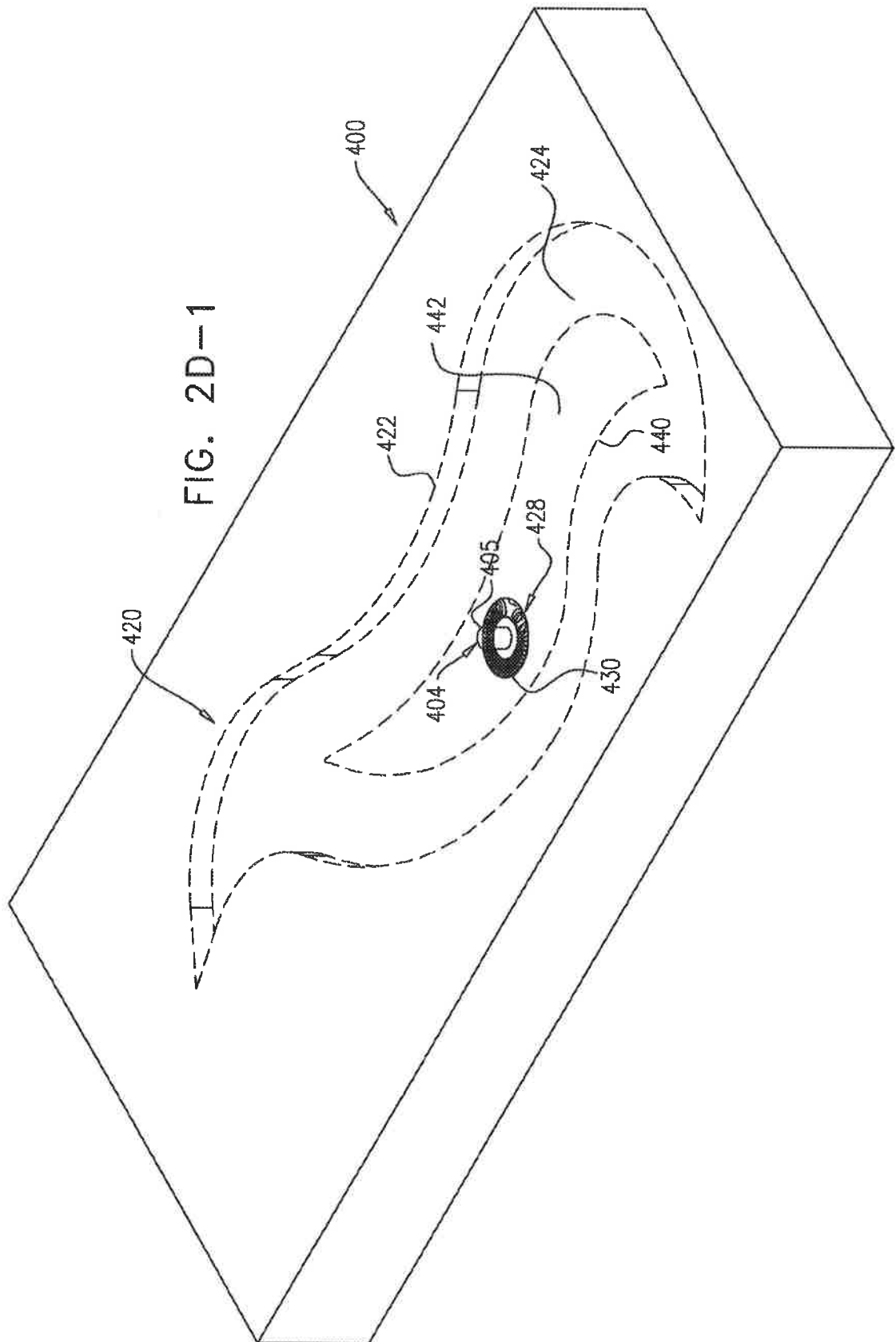
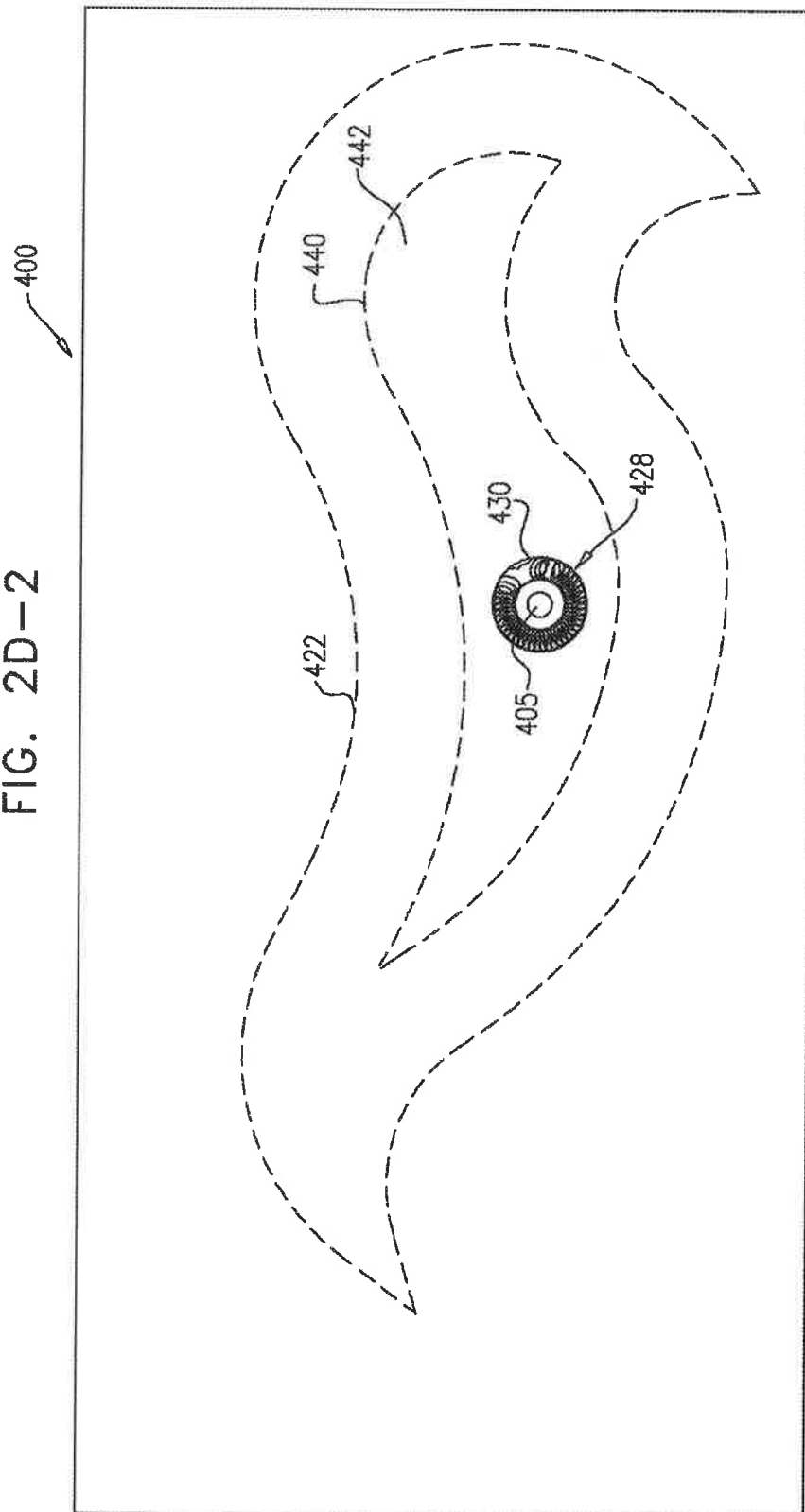


FIG. 2D-2



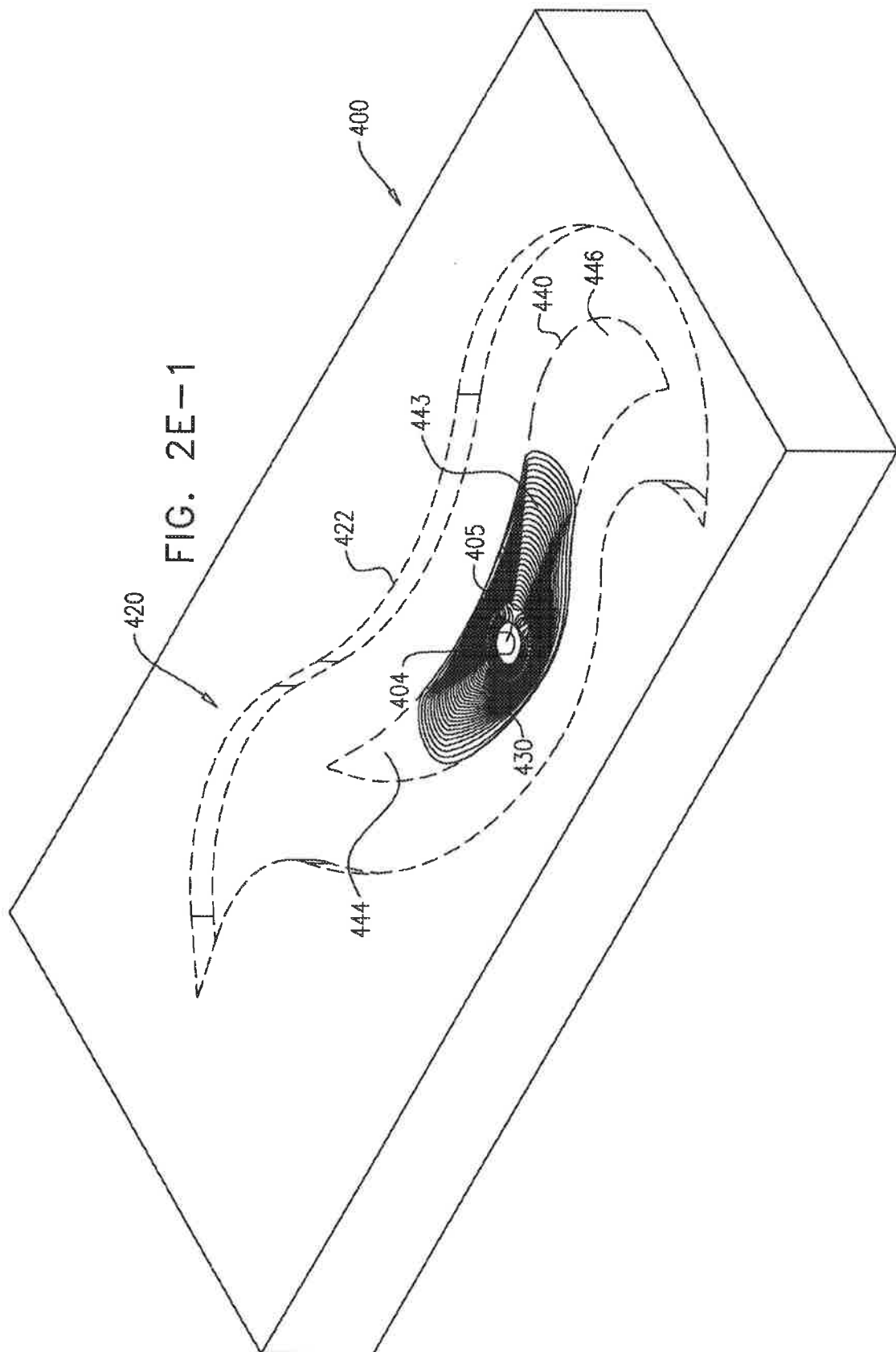


FIG. 2E-2

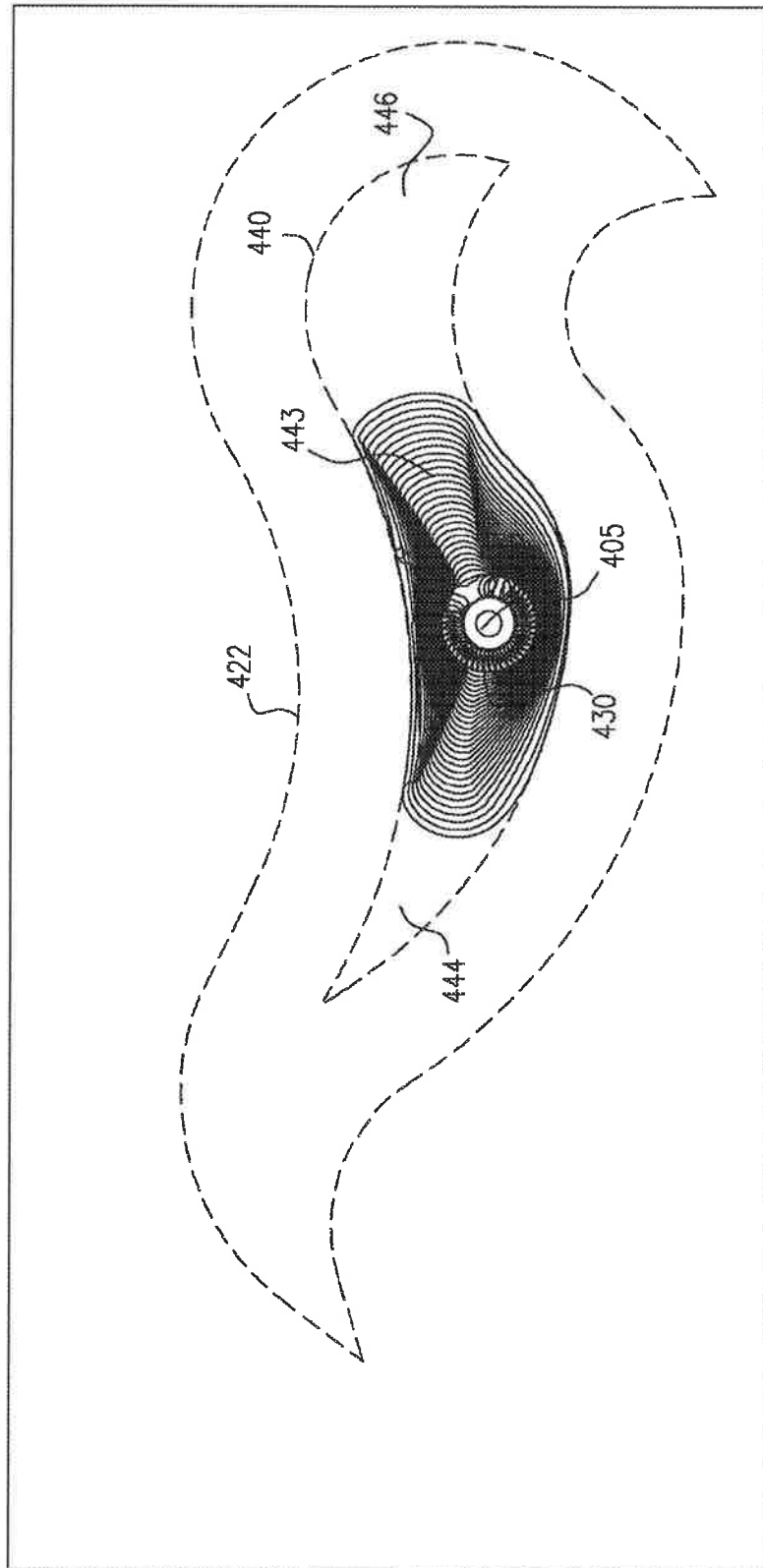


FIG. 2F-1

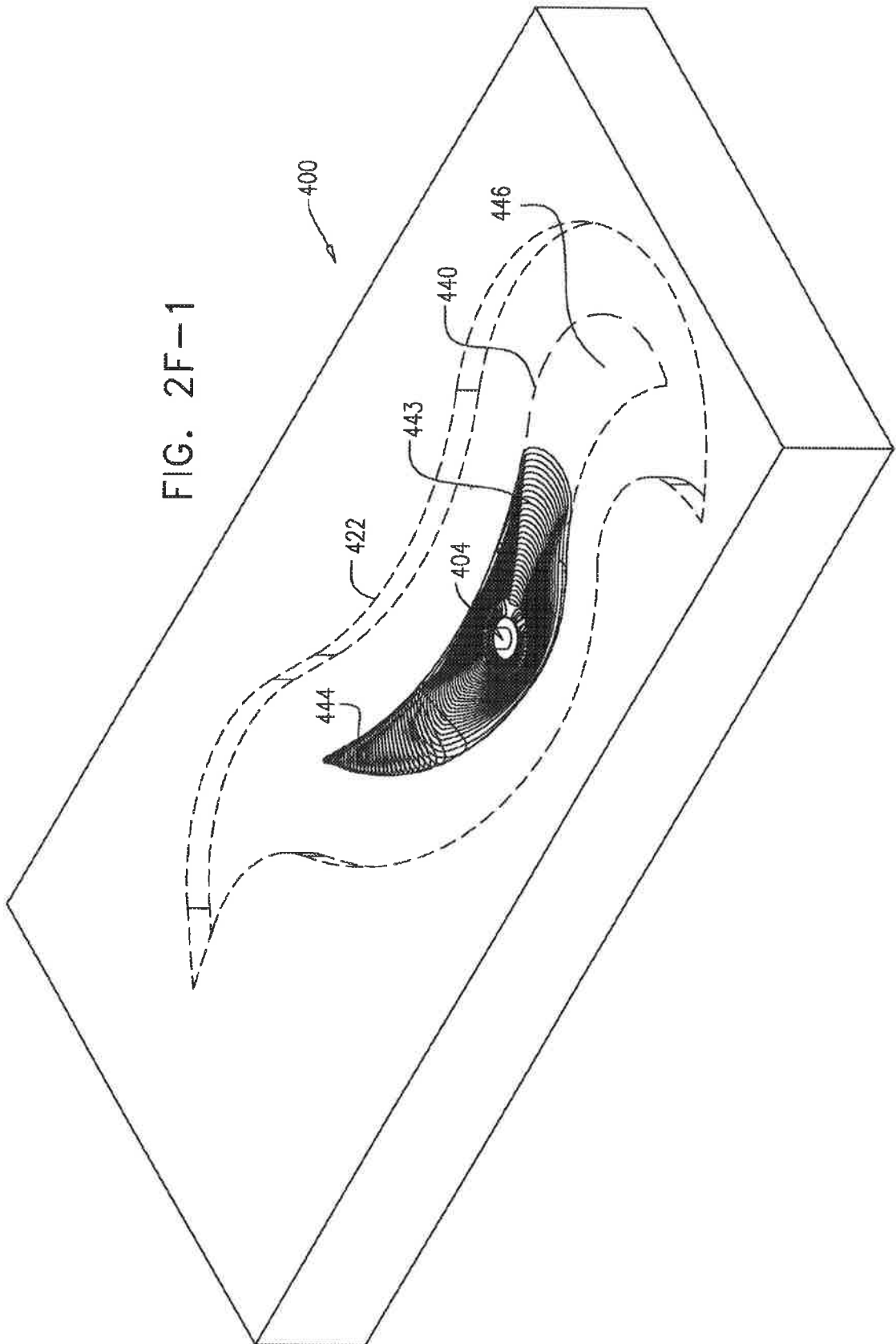


FIG. 2F-2

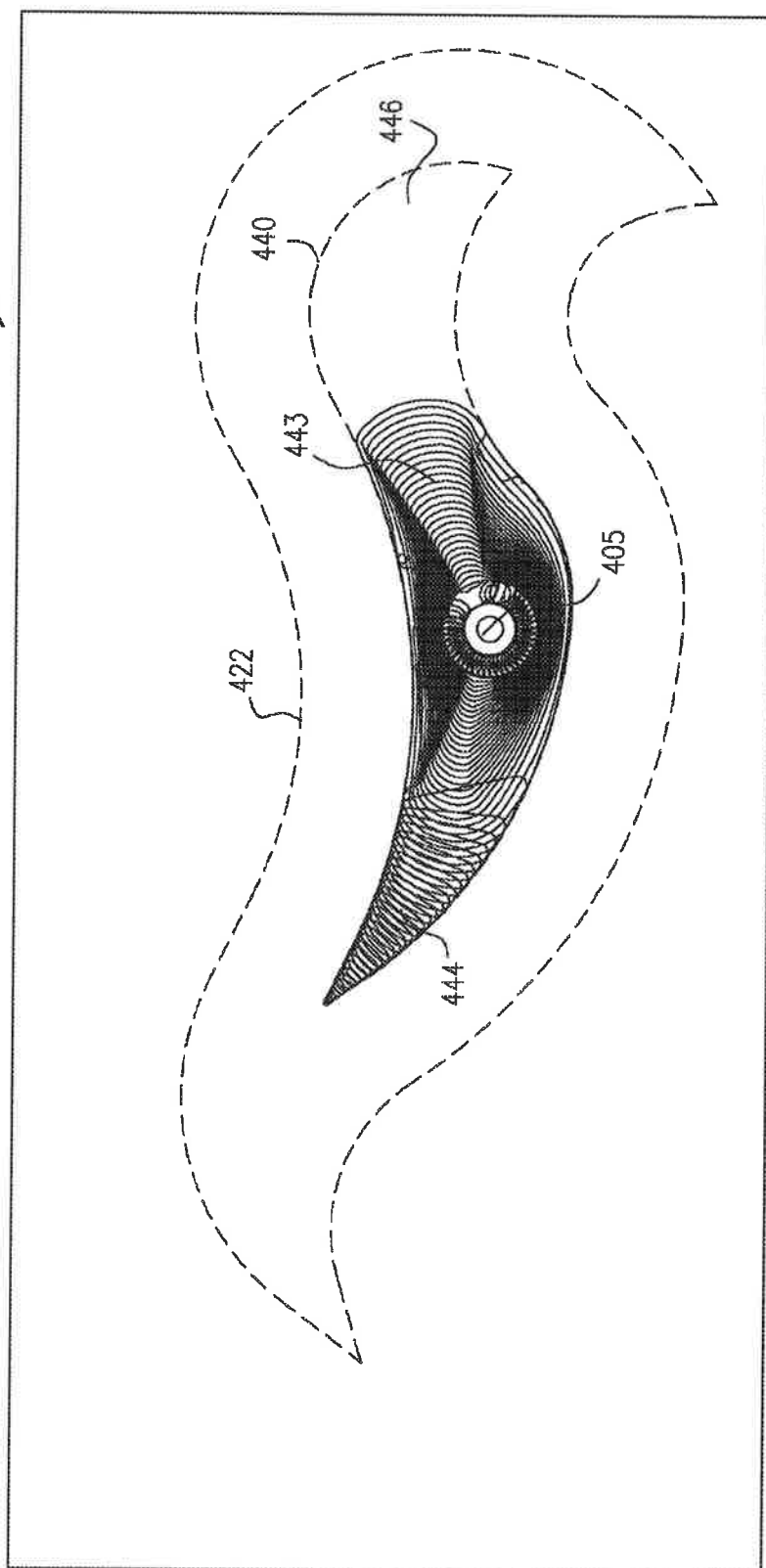


FIG. 2G-1

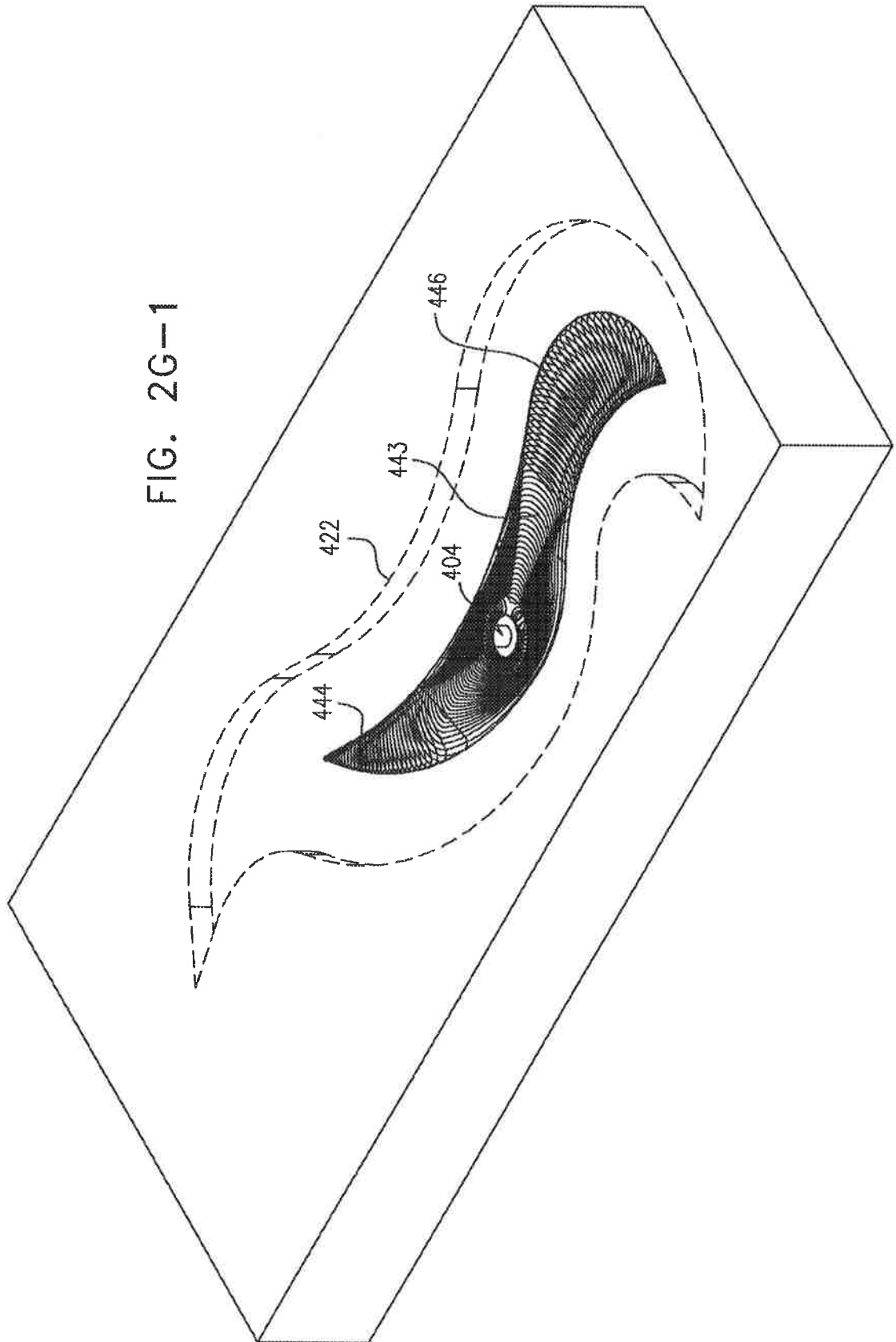


FIG. 2G-2

400

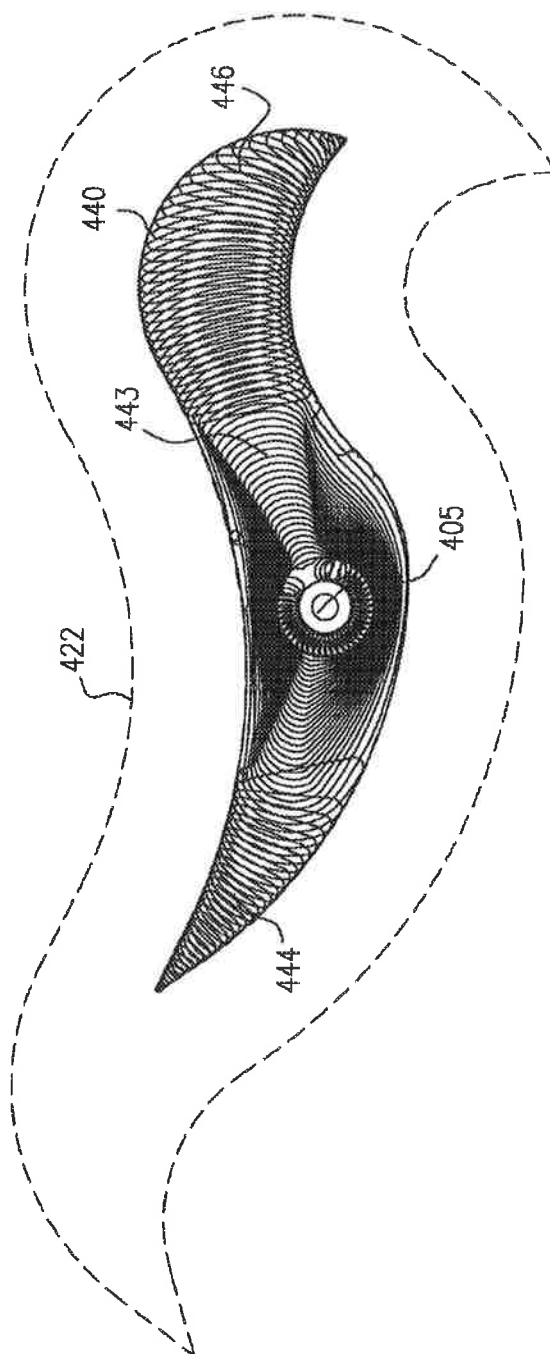


FIG. 2H-1

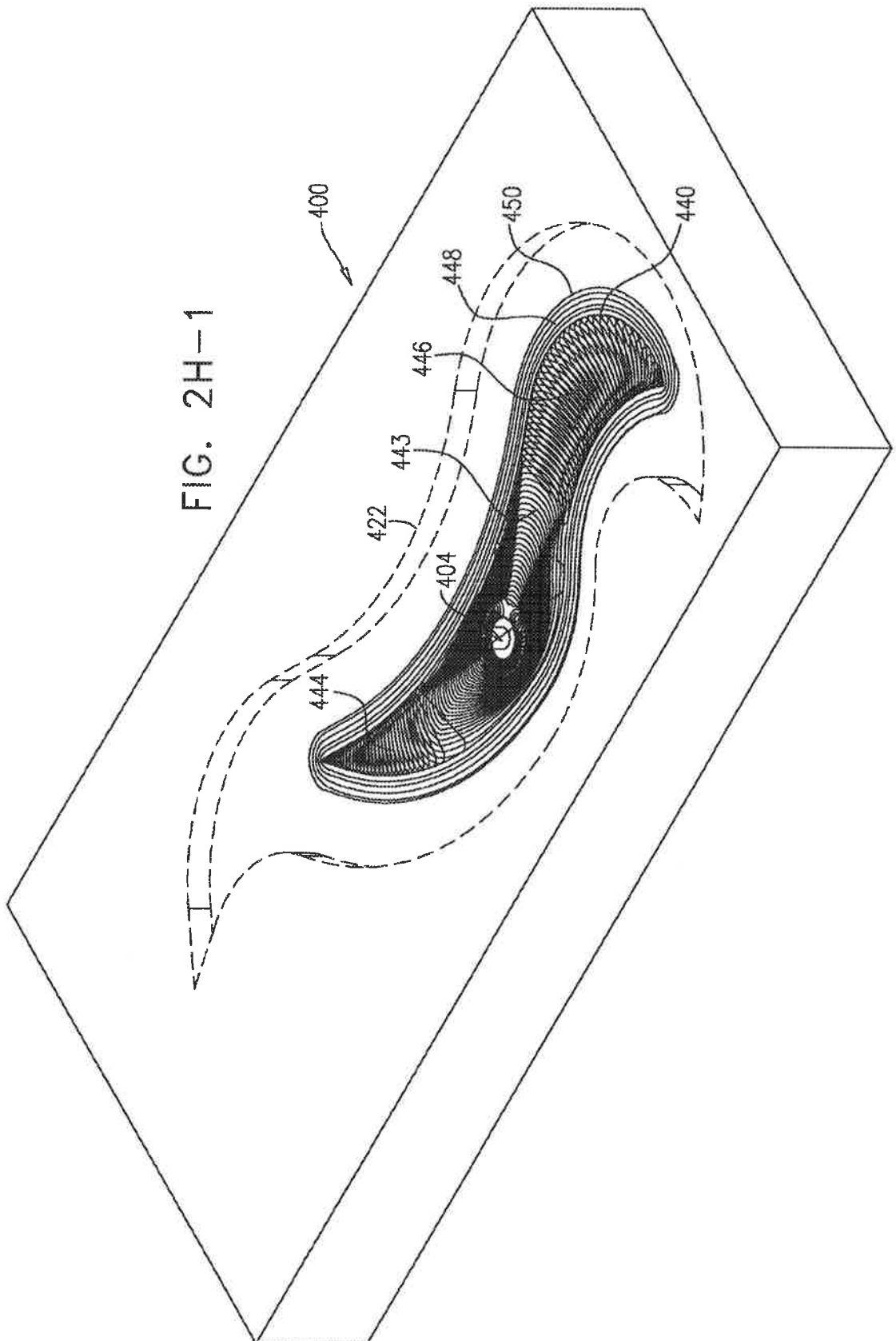


FIG. 2H-2

400

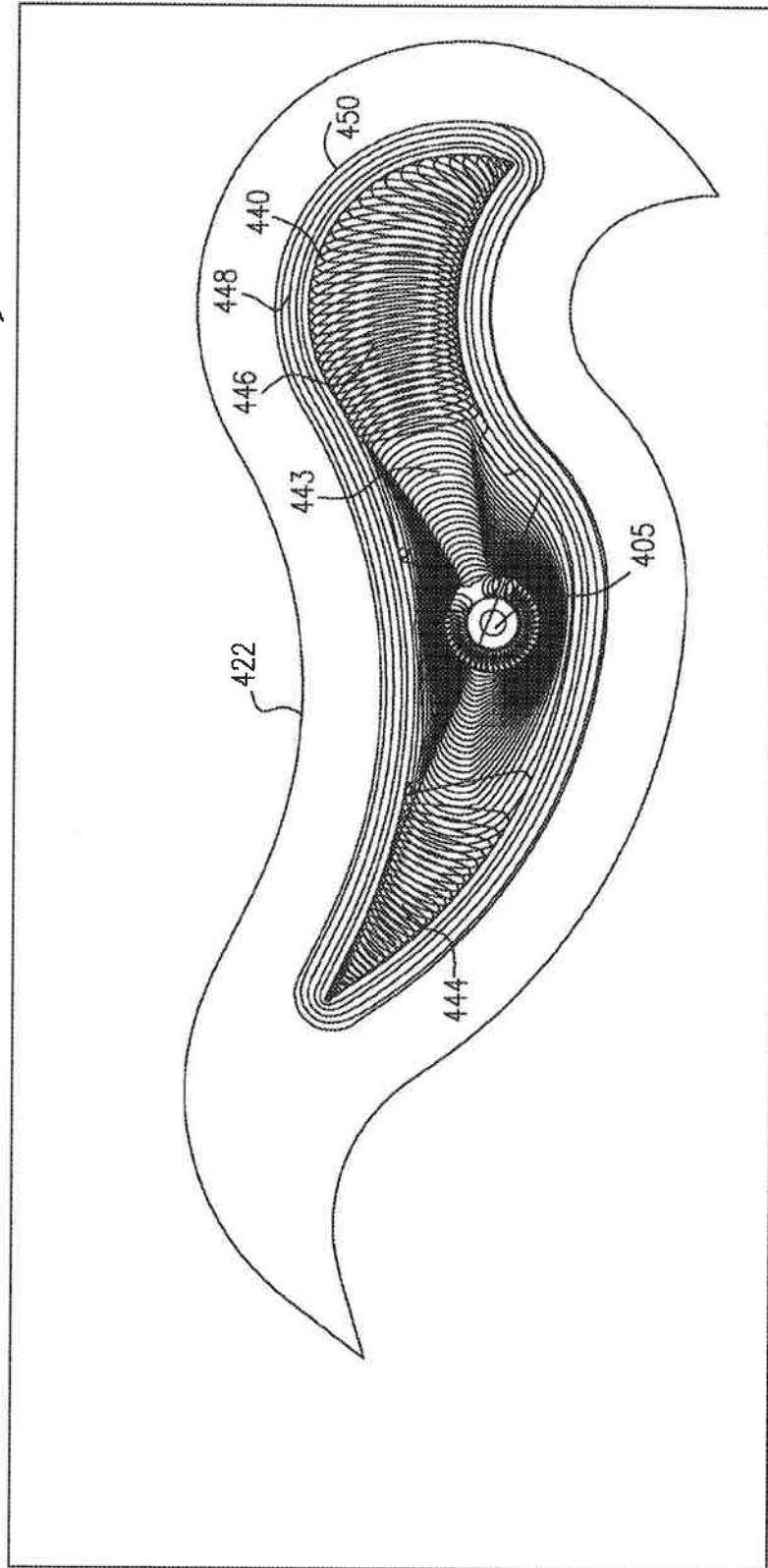
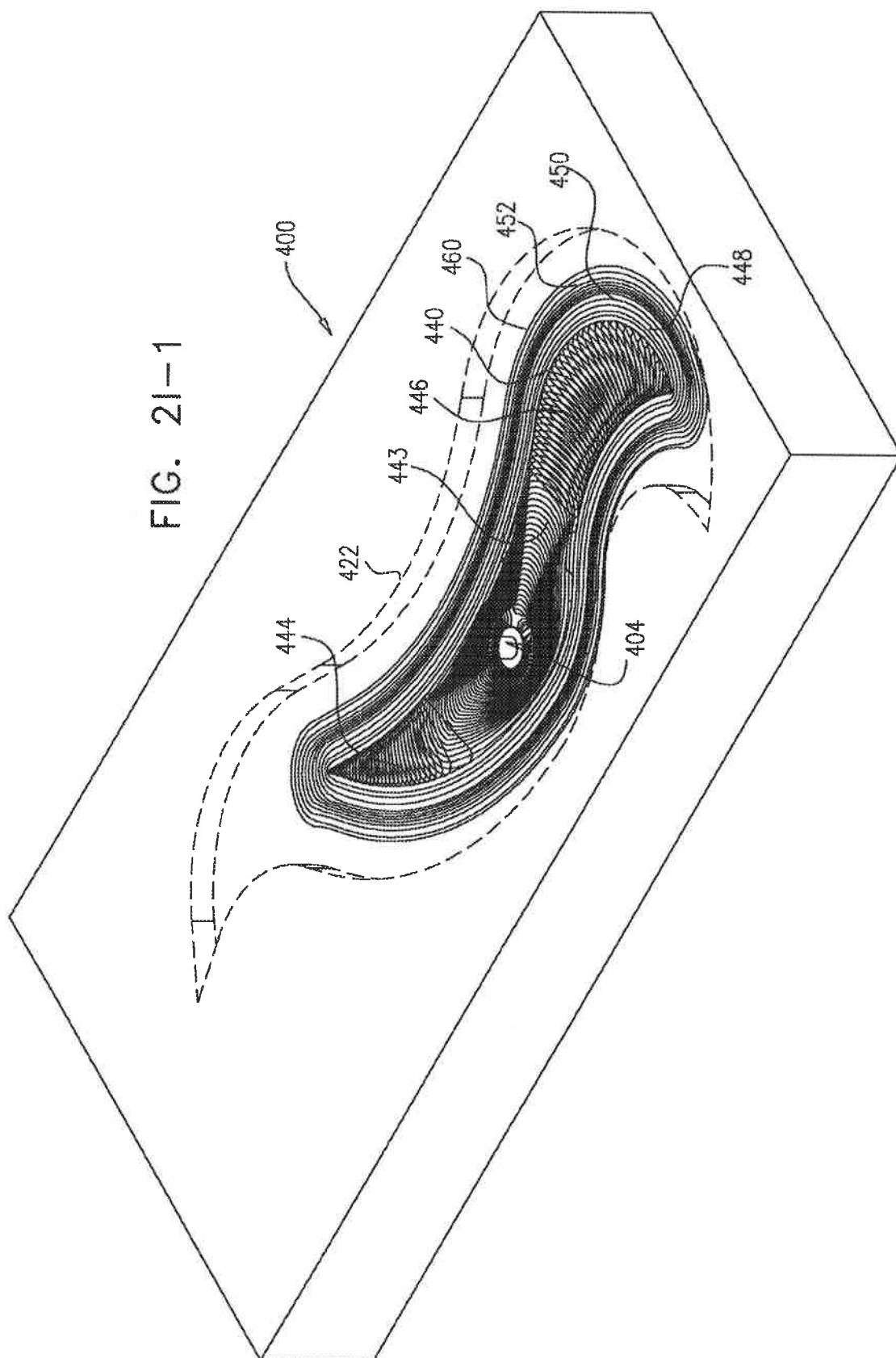


FIG. 21-1



400

FIG. 21-2

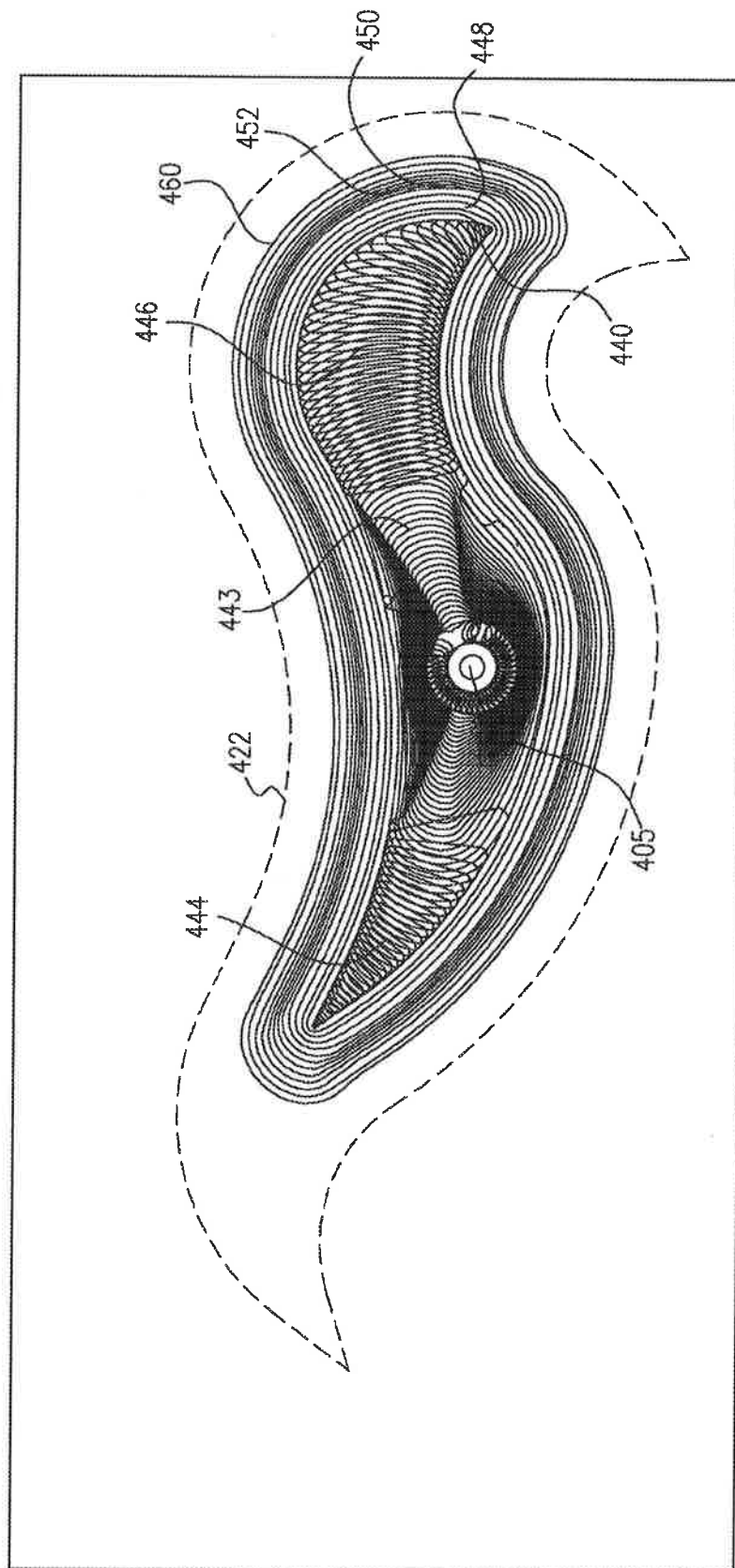


FIG. 2J-1

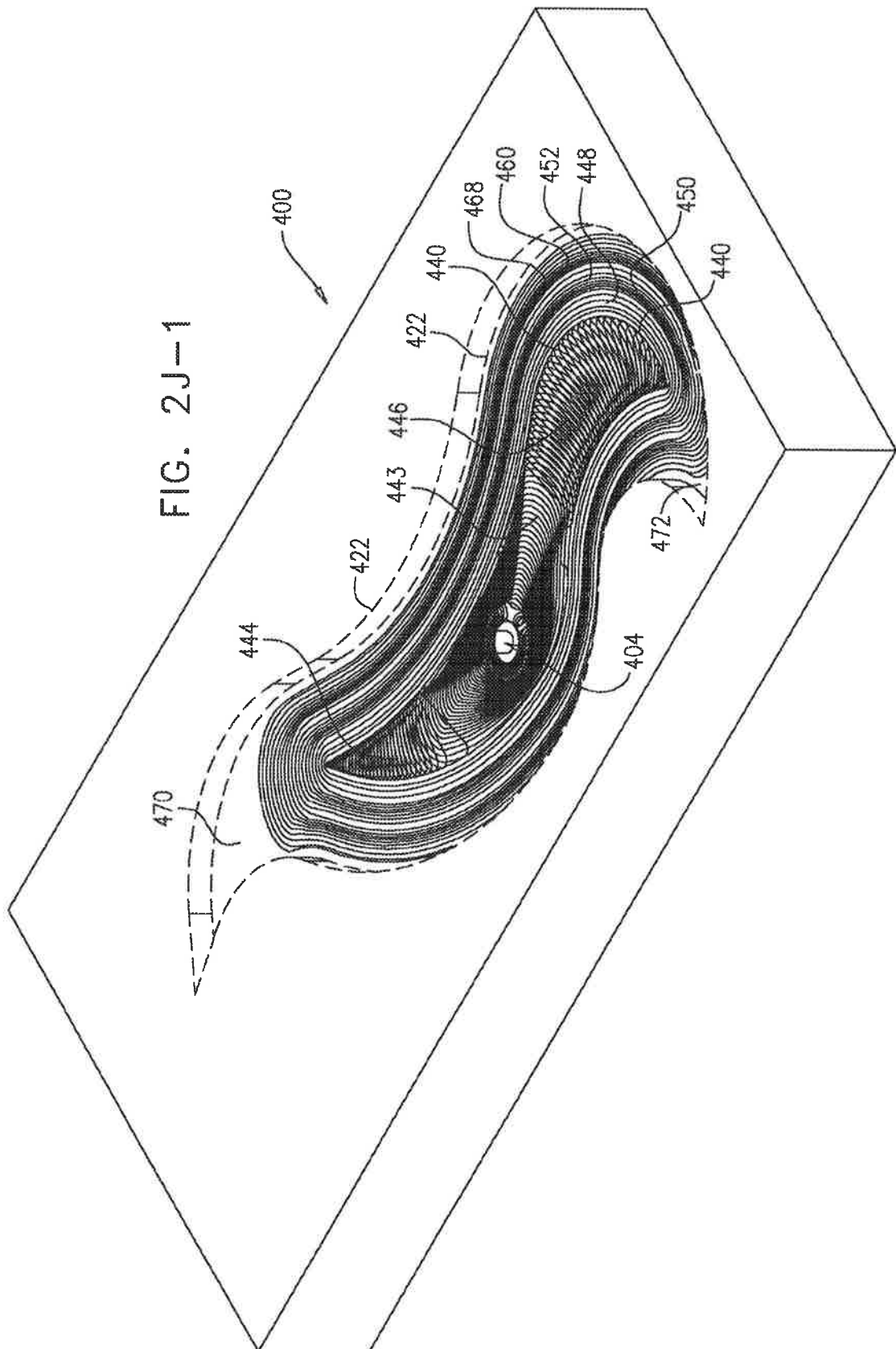


FIG. 2J-2

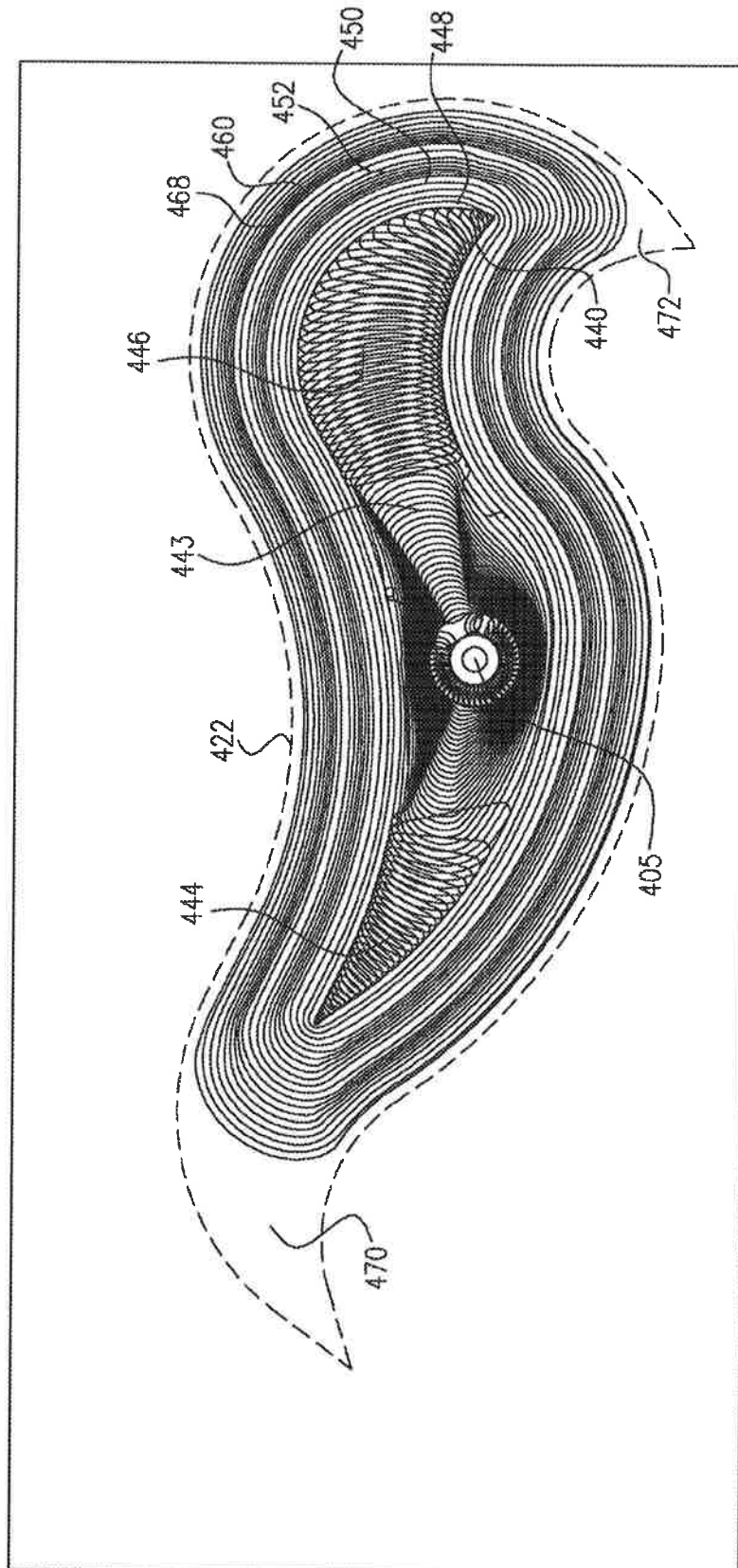


FIG. 2K-1

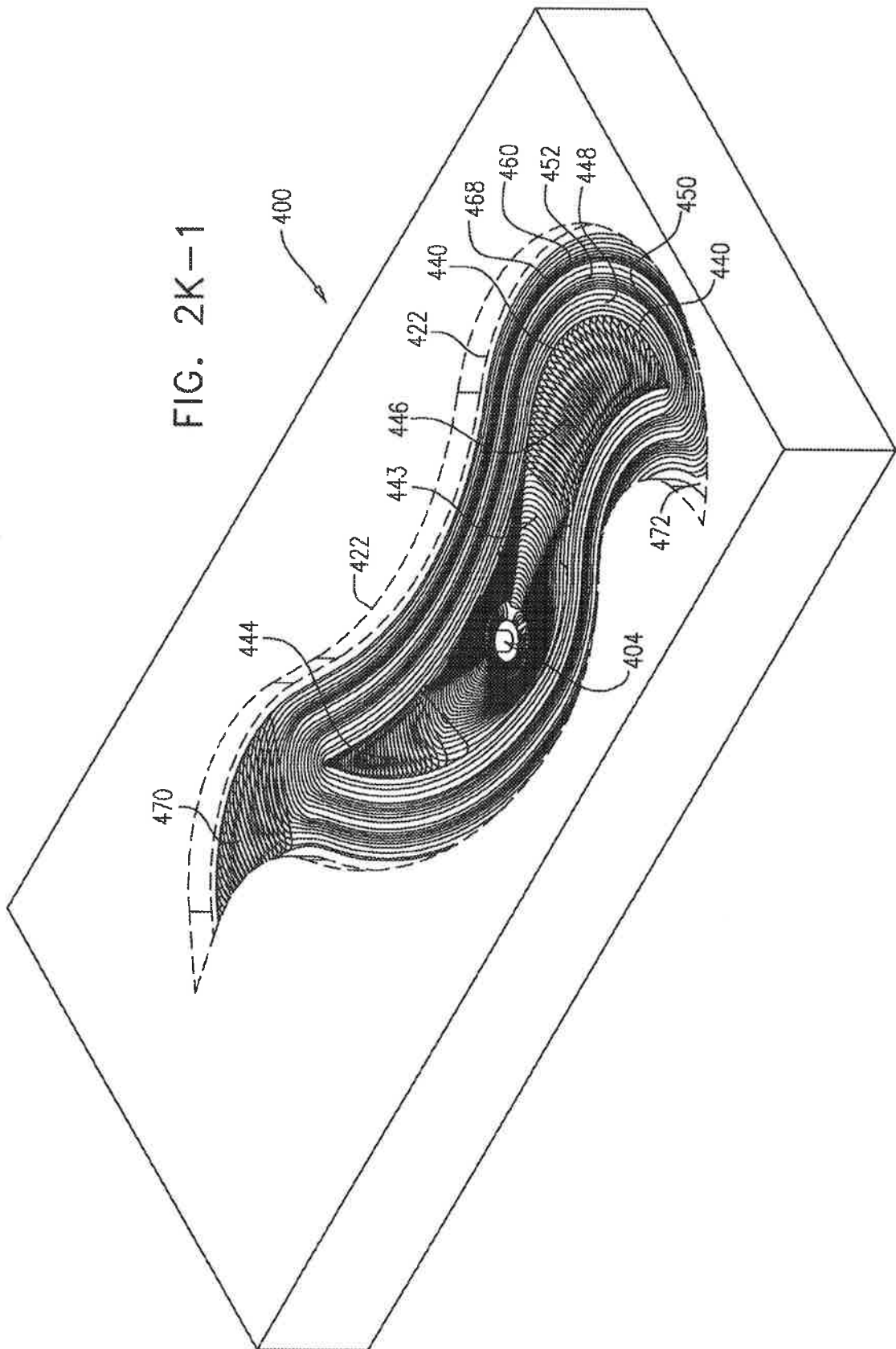


FIG. 2K-2

400

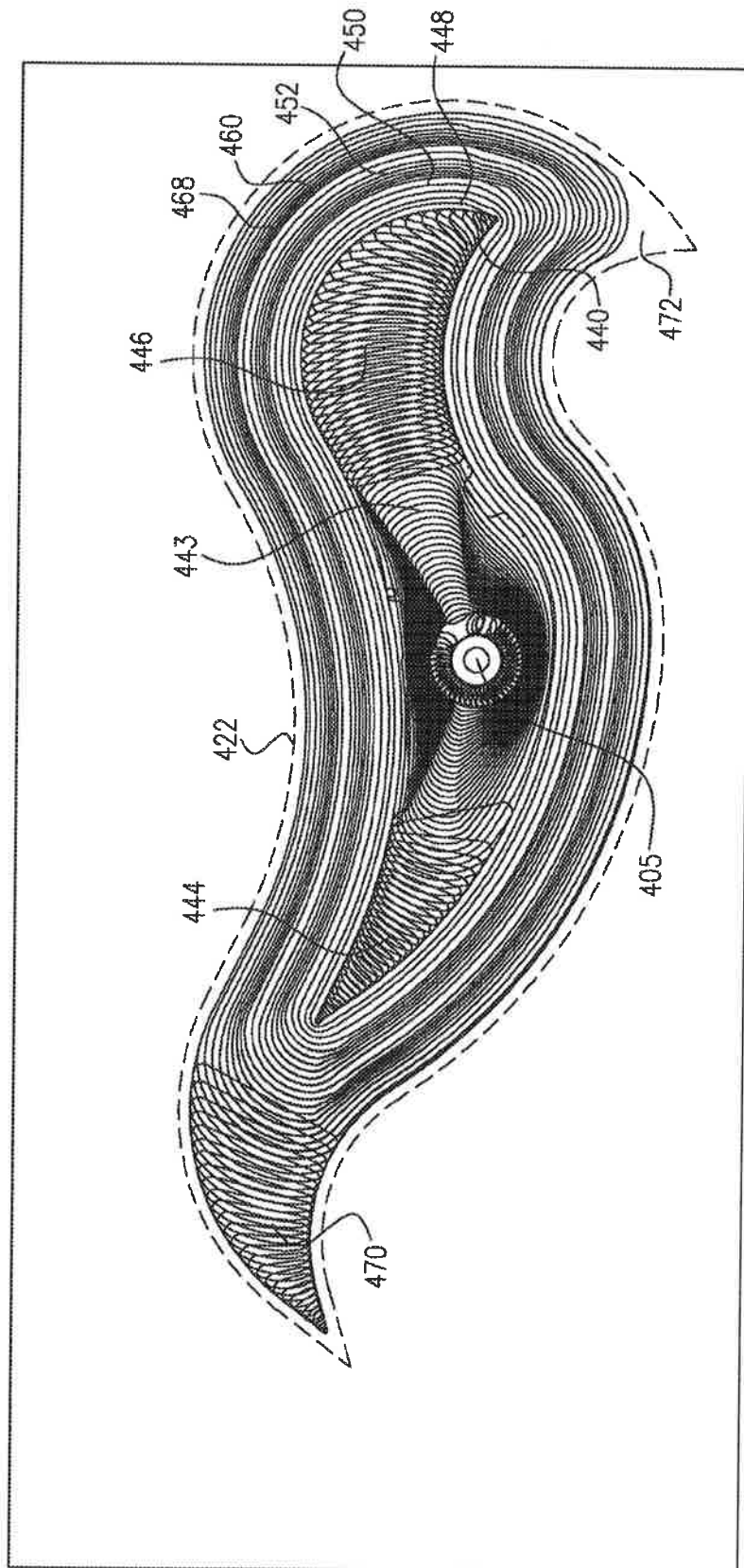


FIG. 2L-1

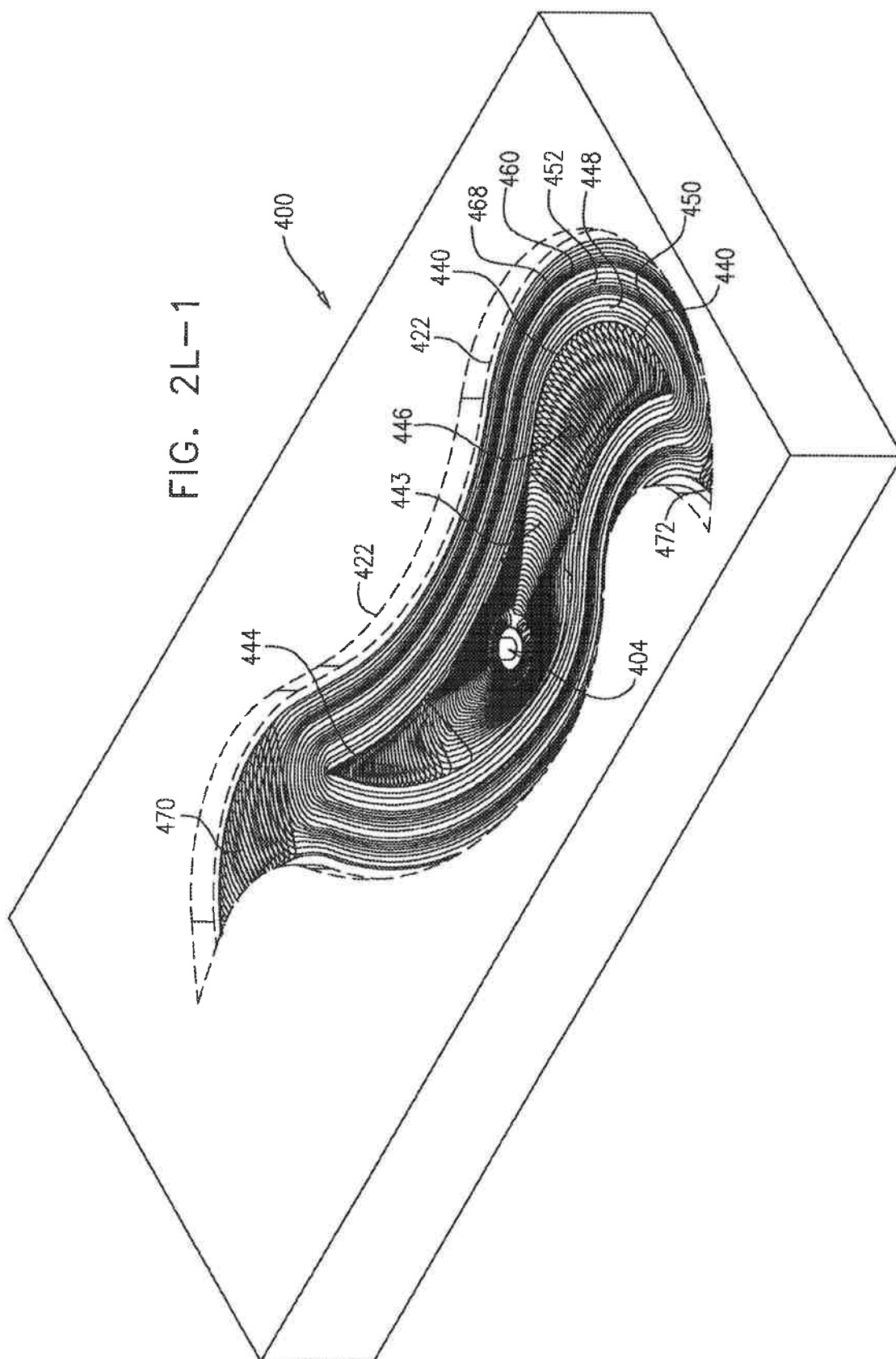
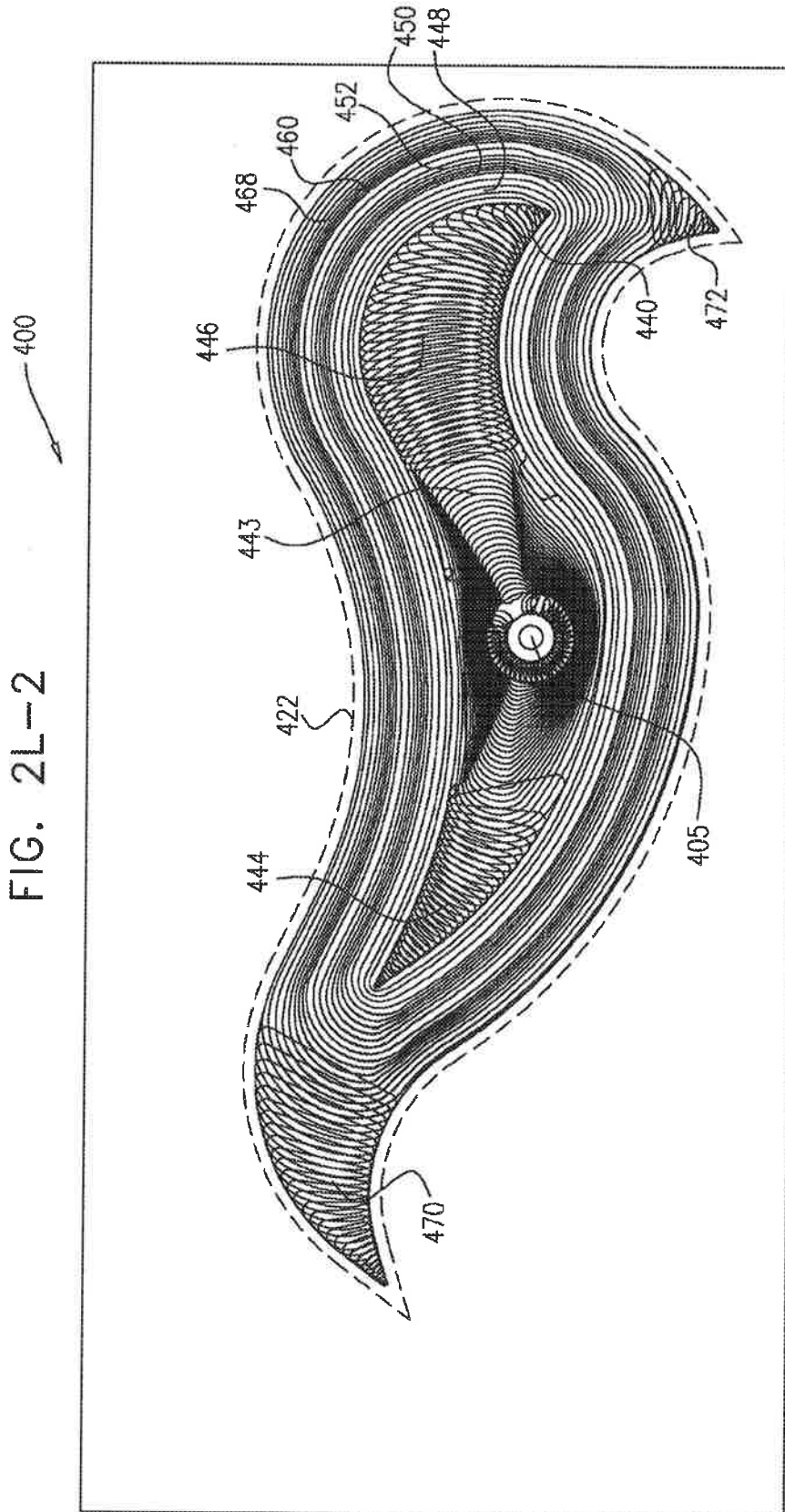


FIG. 2L-2



MachiningOperation

Technology: **iRough** | Operation name: **IM contour1 T5-2A 1** | Template: 

Cutting conditions | Modify cutting conditions

1. Select depth

Depth	ACPs
☐ 9.4248	2.0000
☐ 18.8496	3.0000
☒ 24.0000	3.5465

2. Select Level

Safe



Output Cutting data

☒ Actual ☐ General

S (rpm): **2528**

F (mm/min): **1617.68**

Step over (max): **0.804**

Step over (min): **0.362**

Apply

Save **Save & Calculate** **Simulate** **GCode** **Save & Copy** **Exit**

Geometry
 **Tool**
 **Levels**
 **Technology Wizard**
 **Technology**
 **Link**
 **Misc. parameters**


FIG. 3A

MachiningOperation

Technology: **iRough** | Operation name: **IM contour1 I5-2A 1** | Template:

Cutting conditions | Modify cutting conditions

1. Select depth

Depth	ACPs
☐ 9.4248	2.0000
☐ 18.8496	3.0000
☒ 24.0000	3.5465

2. Select Level

Safe

Output Cutting data

☒ Actual ☐ General

V (m/min): **95**

Fz (mm/tooth): **0.0800**

CA (max): **30.0**

CA (min): **20.0**

Apply

Save | **Save & Calculate** | **Simulate** | **GCode** | **Save & Copy** | **Exit**

FIG. 3B

MachiningOperation

Technology: **iRough** Template: **IM contour1 5-2A 1**

Cutting conditions | Modify cutting conditions

1. Select depth

Depth	ACPs
☐ 9.4248	2.0000
☐ 18.8496	3.0000
☒ 24.0000	3.5465

2. Select Level

Moderate

Output Cutting data

☒ Actual ☐ General
 S (rpm): **7500**
 F (mm/min): **3199.53**
 Step over (max): **2.032**
 Step over (min): **0.362**

Apply

Save **Save & Calculate** **Simulate** **GCode** **Save & Copy** **Exit**

FIG. 3C

MachiningOperation

Technology

iRough

Operation name

IM contour1 T5-2A 1

Template

Geometry

Tool

Levels

Technology Wizard

Technology

Link

Misc. parameters

1. Select depth

Depth	ACPs
☐ 9.4248	2.0000
☐ 18.8496	3.0000
☒ 24.0000	3.5465

2. Select Level

Aggressive

Cutting conditions

Modify cutting conditions

Output Cutting data

Actual

General

S (rpm):

1200

F (mm/min):

5119.24

Step over (max):

2.032

Step over (min):

0.362

Apply

Save

Save & Calculate

Simulate

GCode

Save & Copy

Exit

FIG. 3D

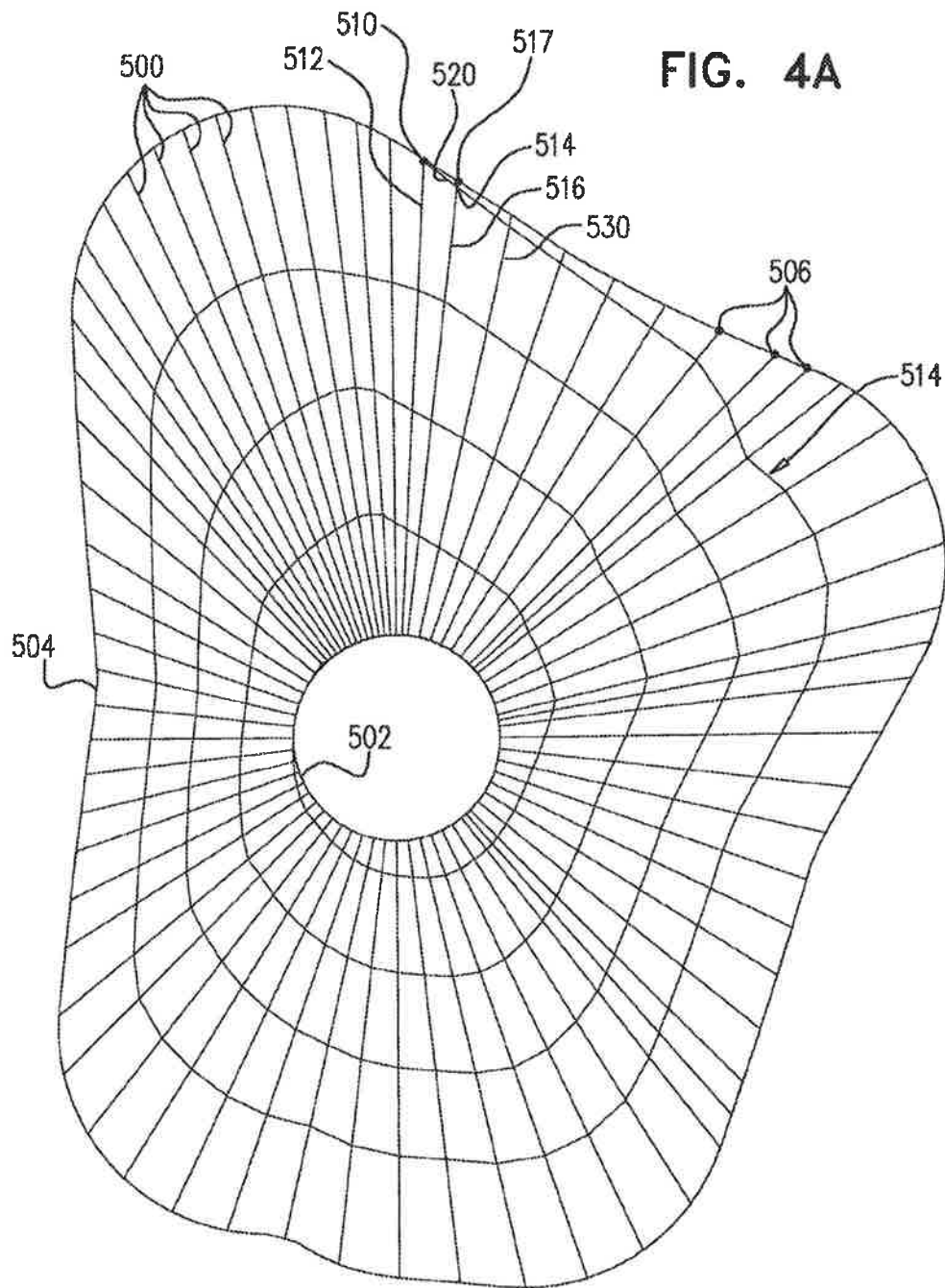
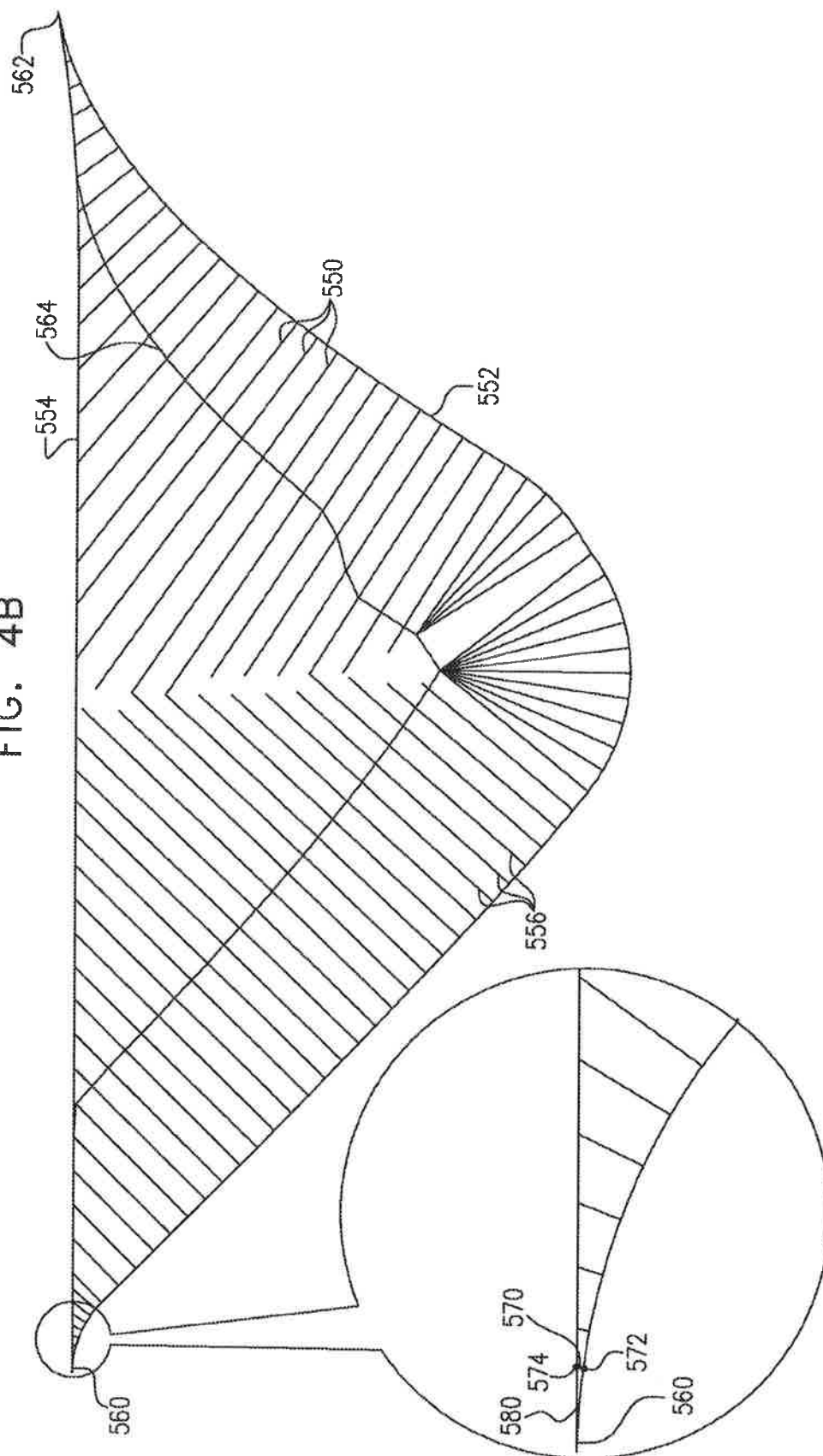


FIG. 4B



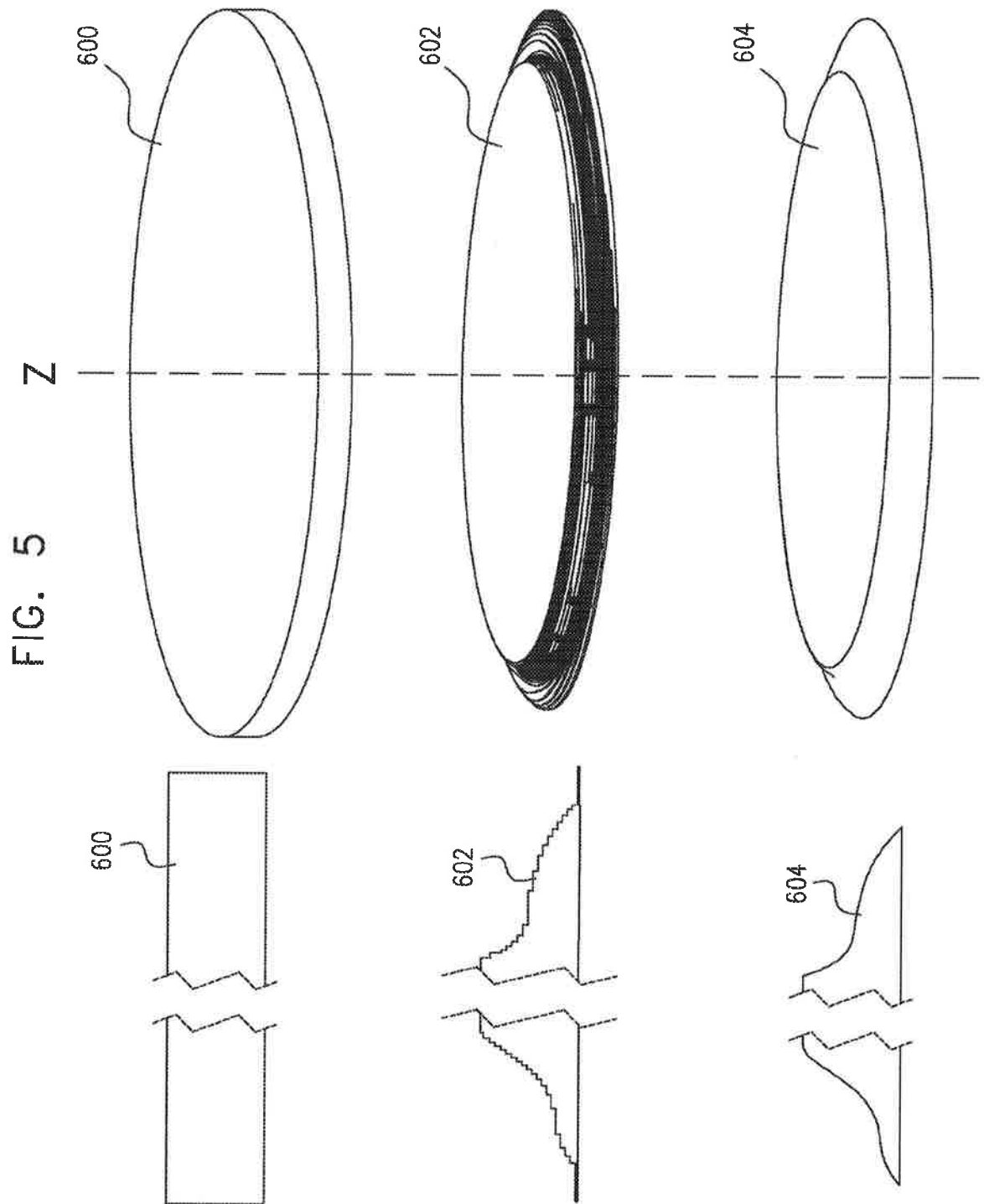
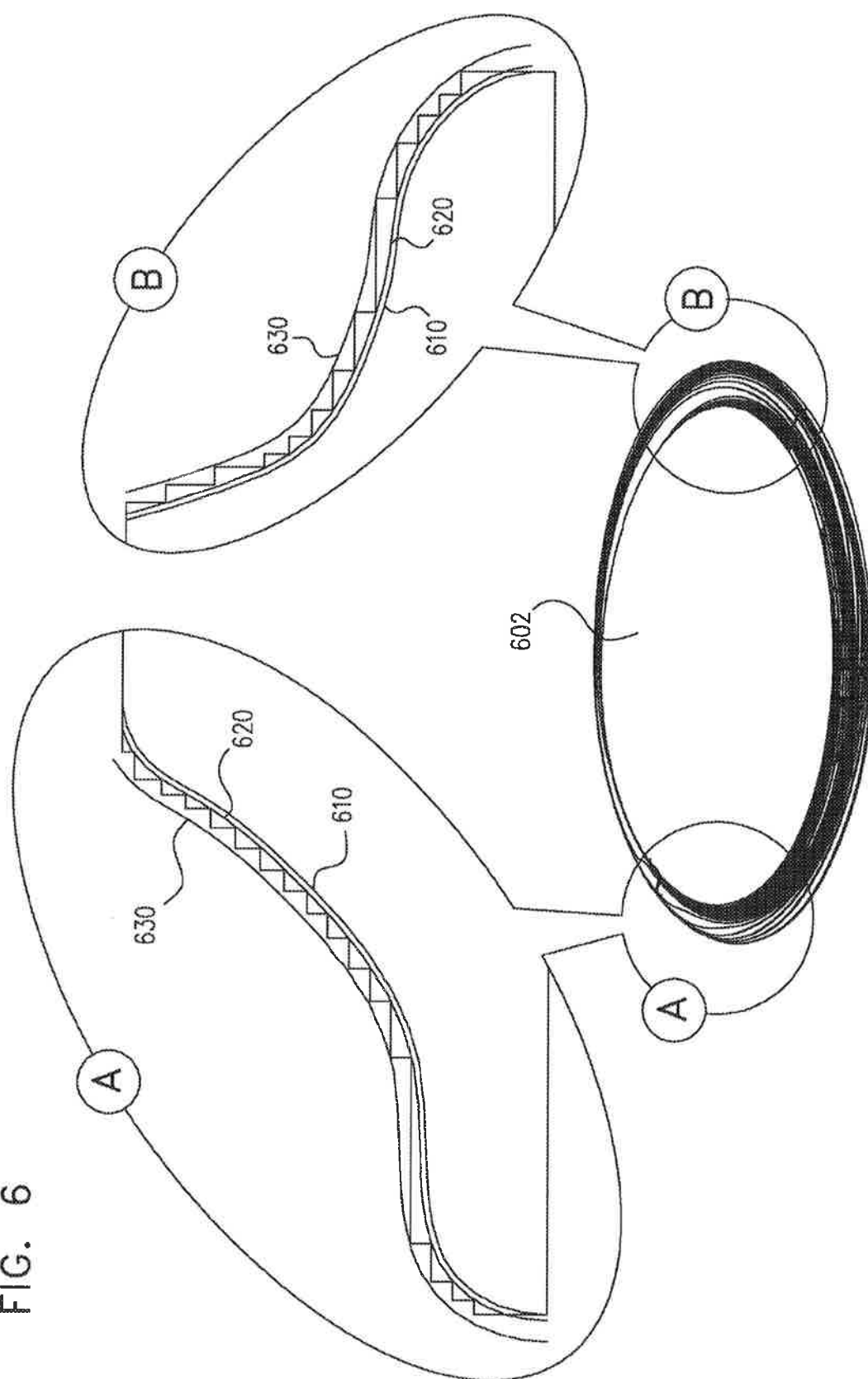
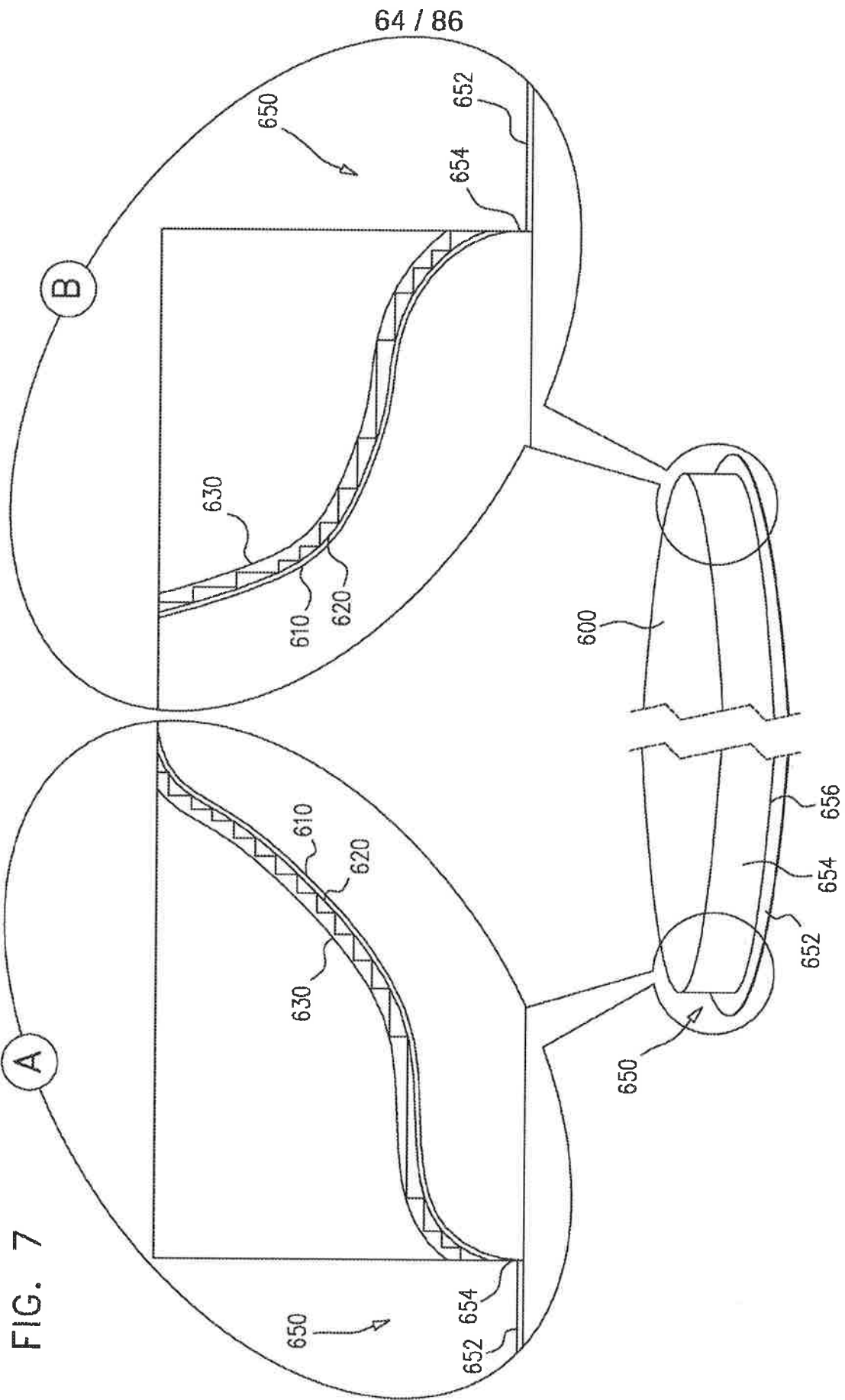


FIG. 6





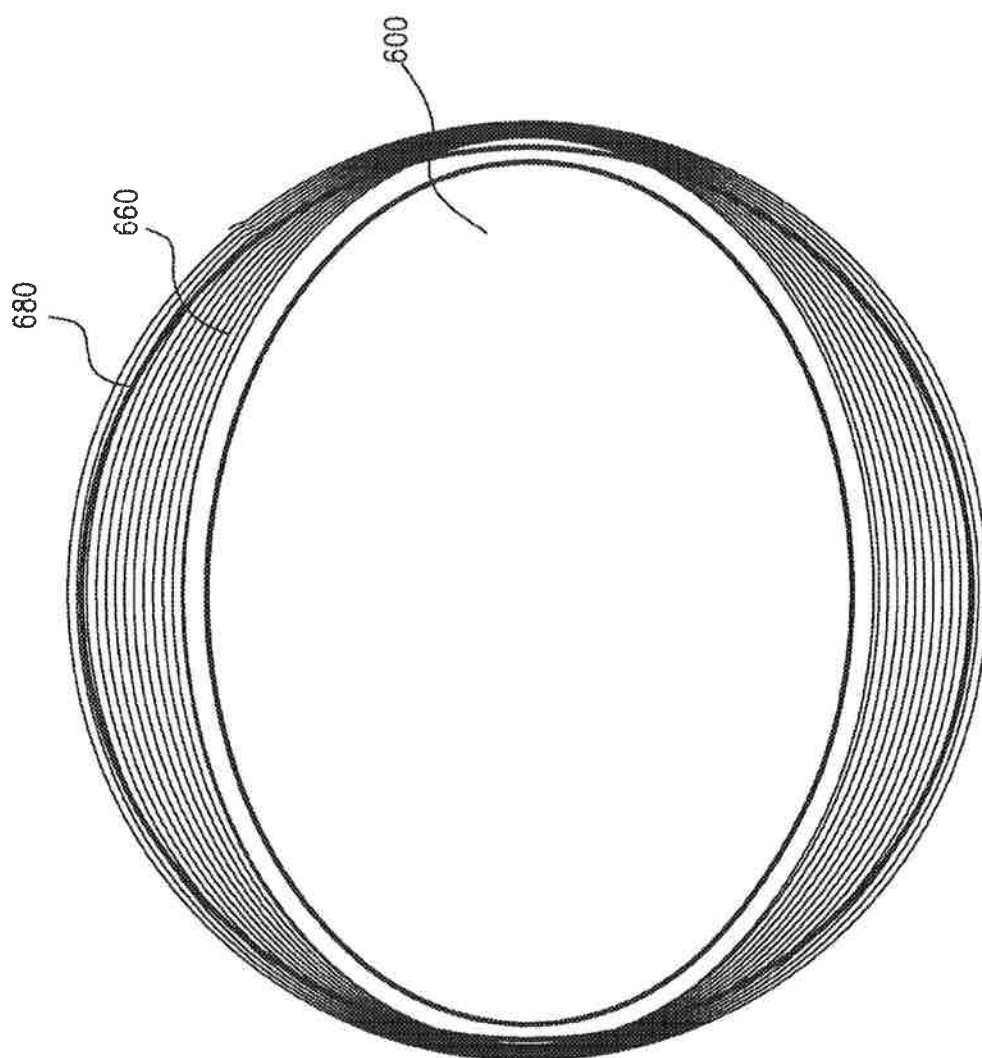


FIG. 8

FIG. 9A

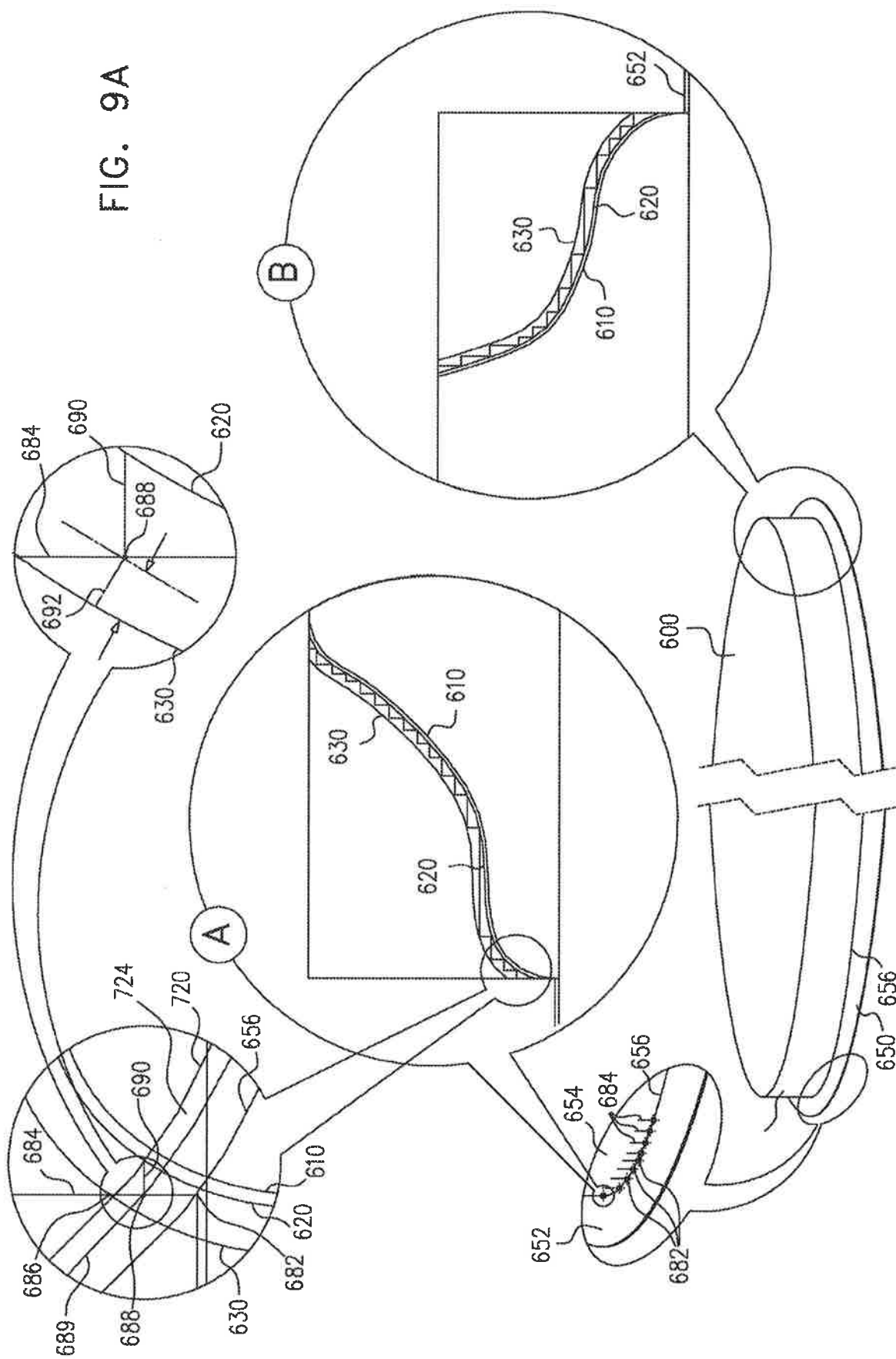


FIG. 9B

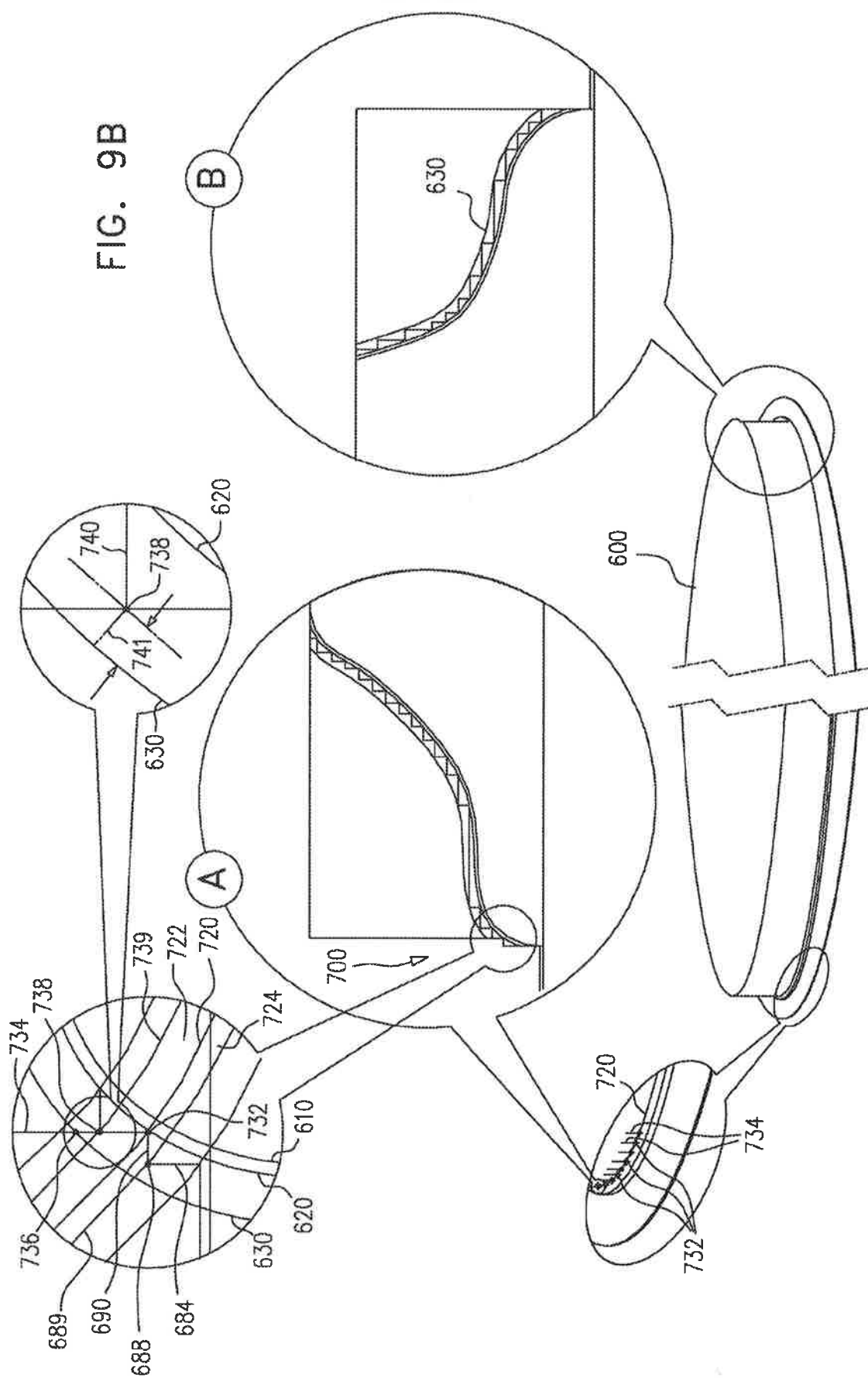


FIG. 9C

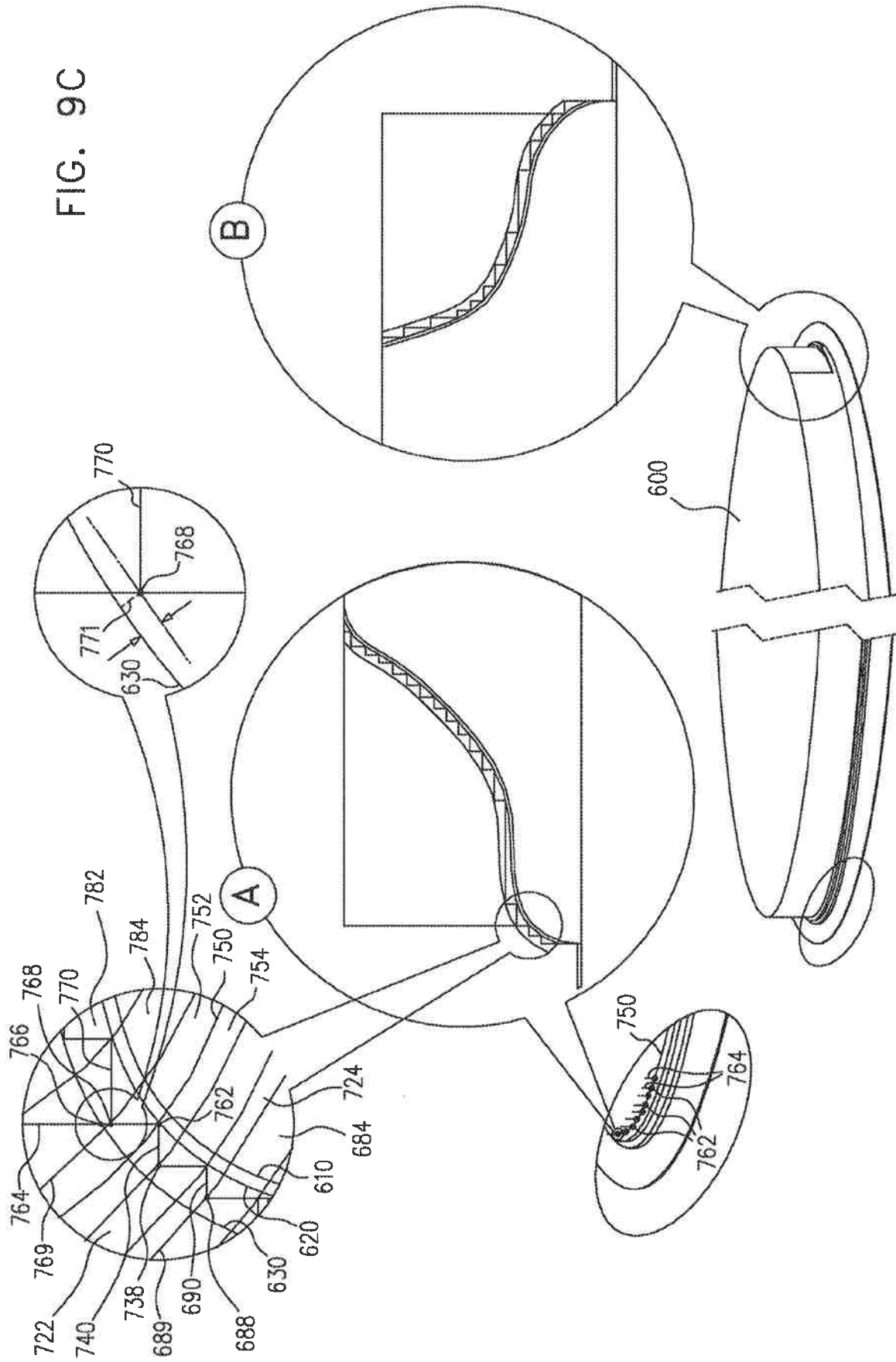


FIG. 10A

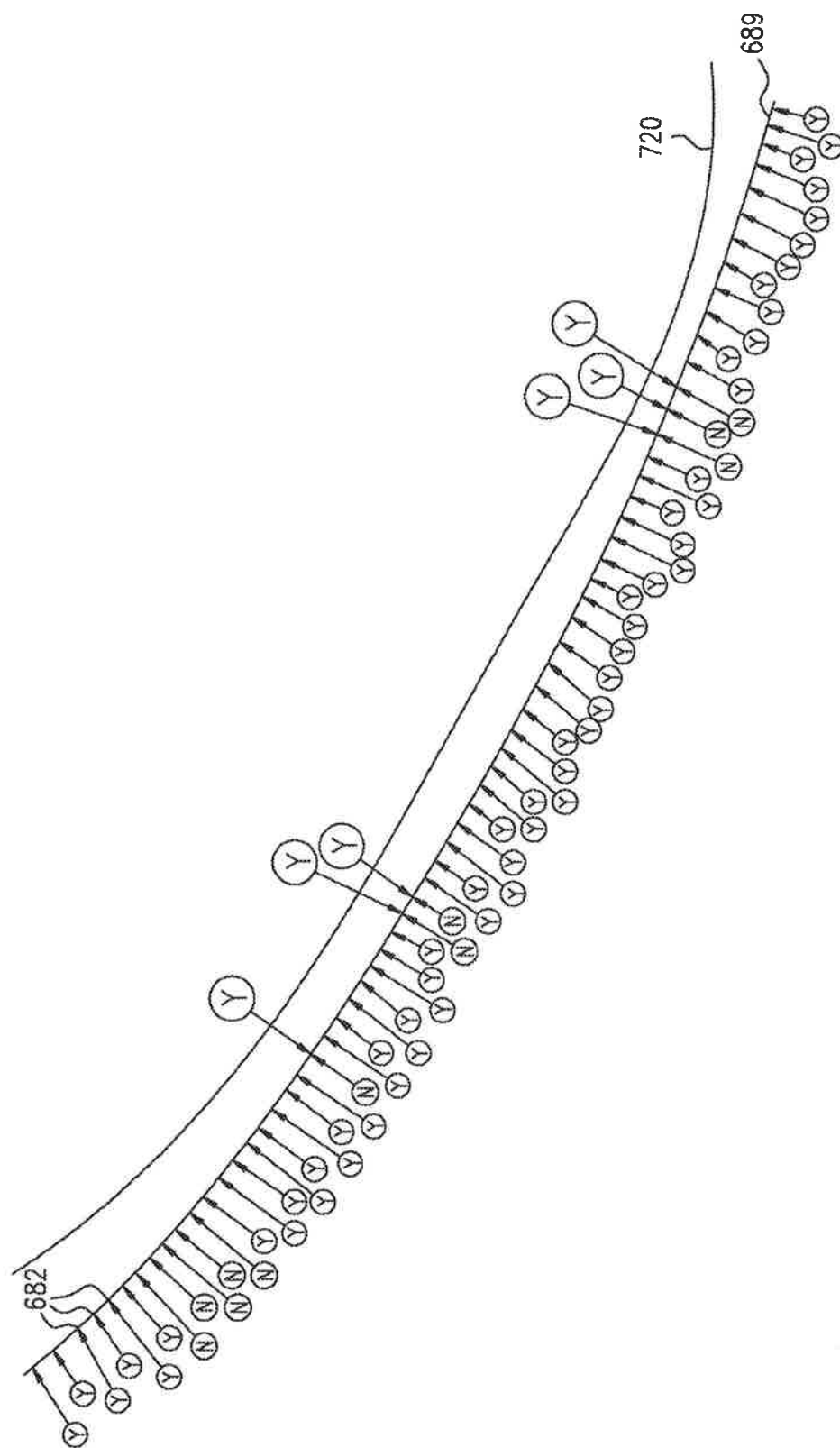


FIG. 10B

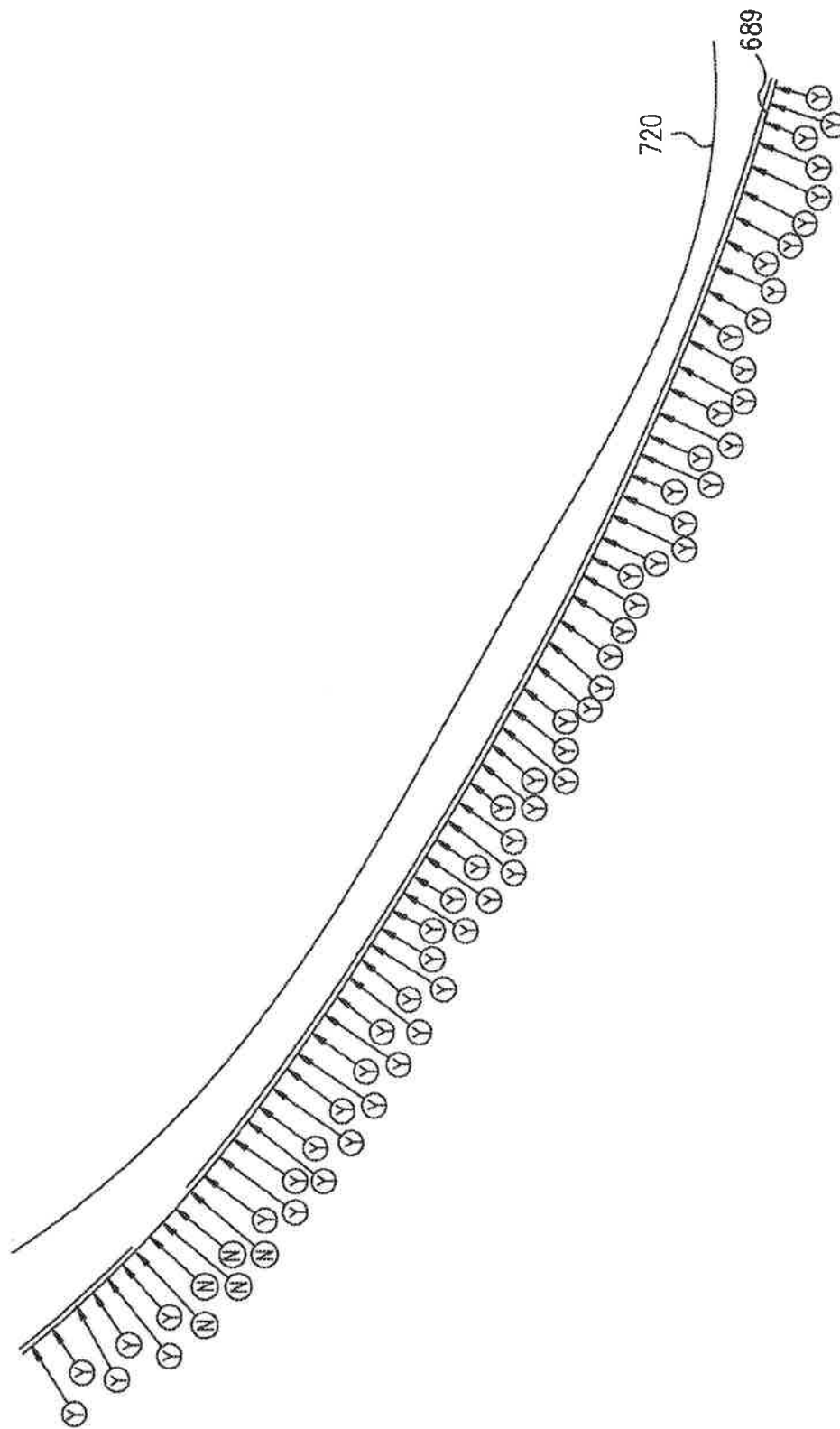


FIG. 10C

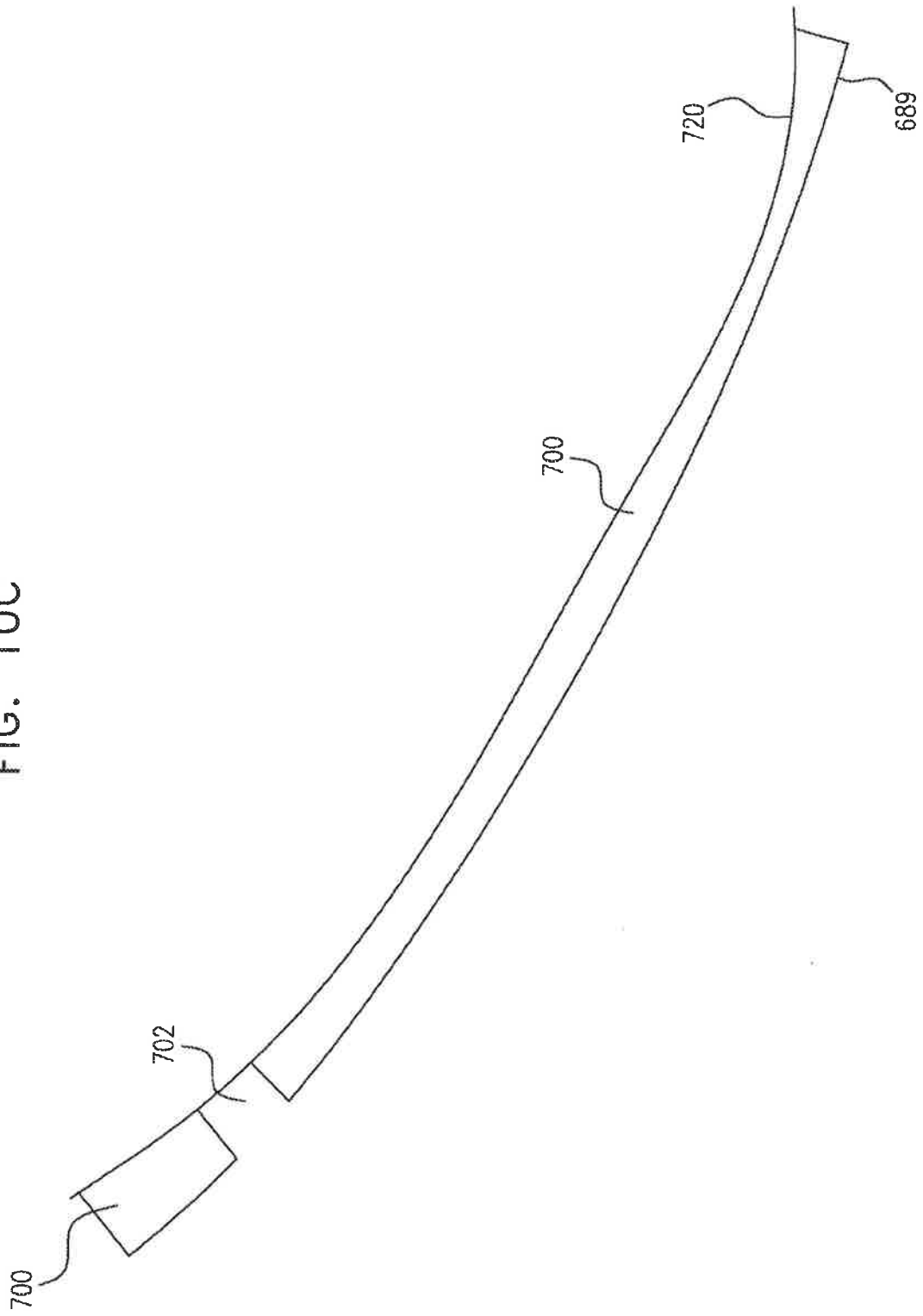


FIG. 11A

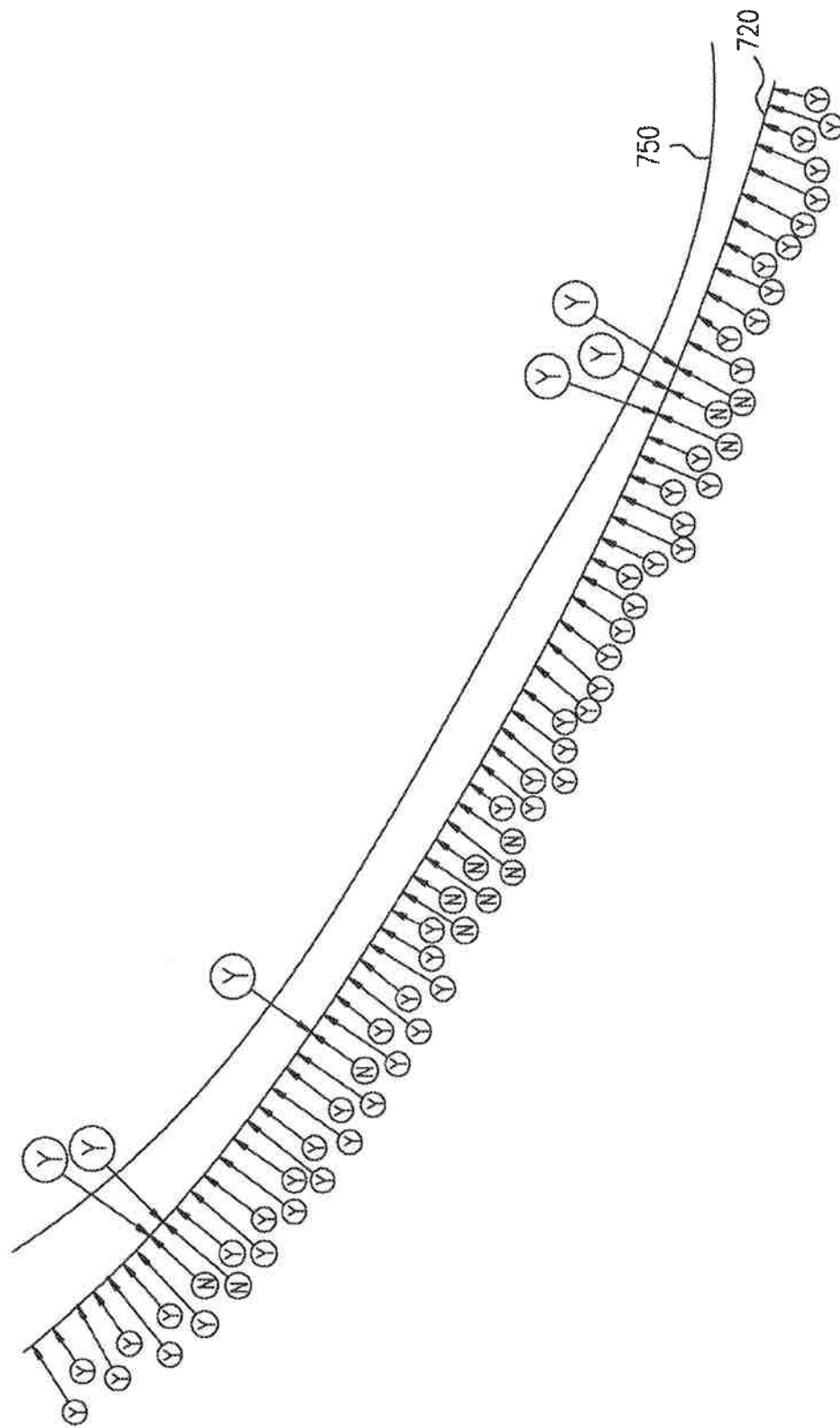


FIG. 11C

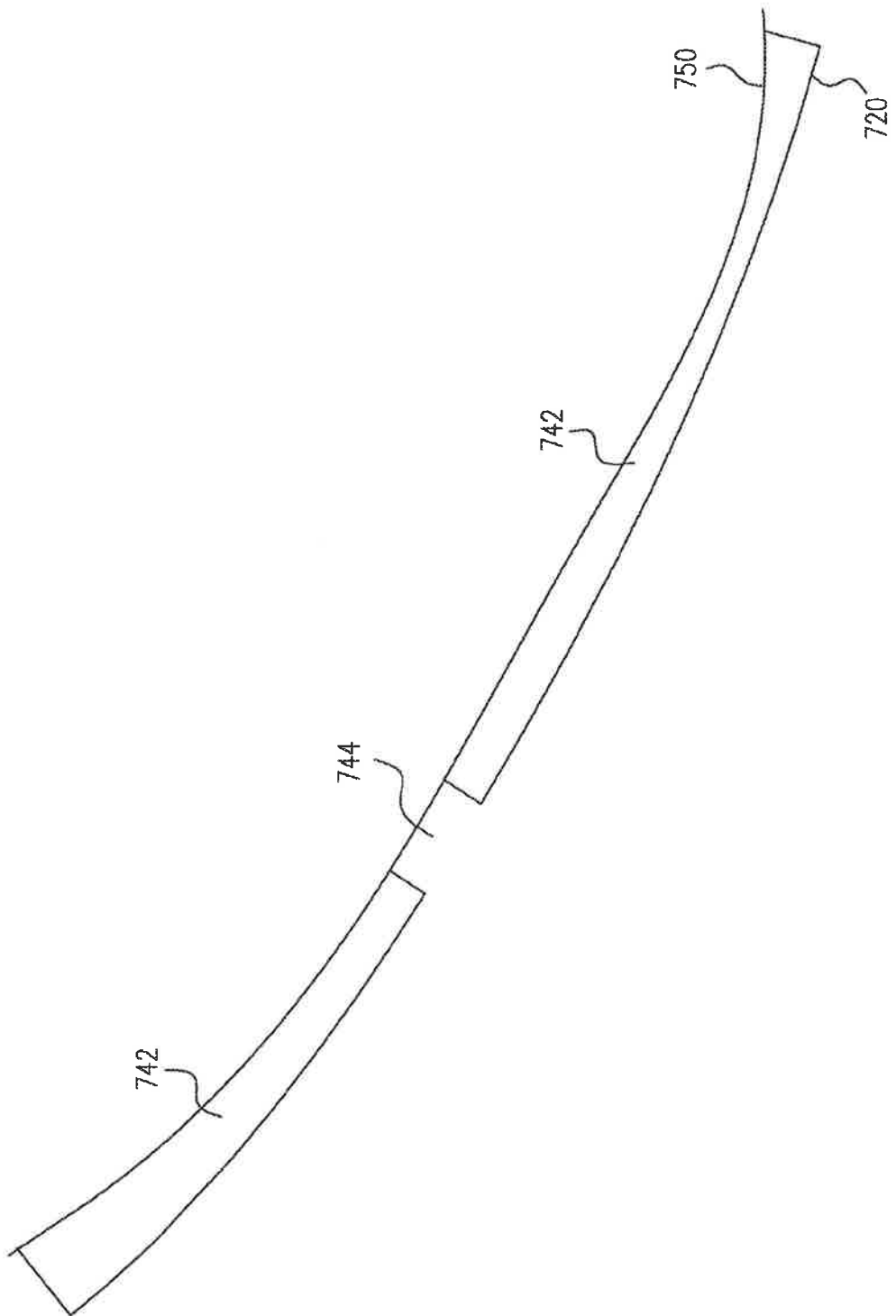


FIG. 12A

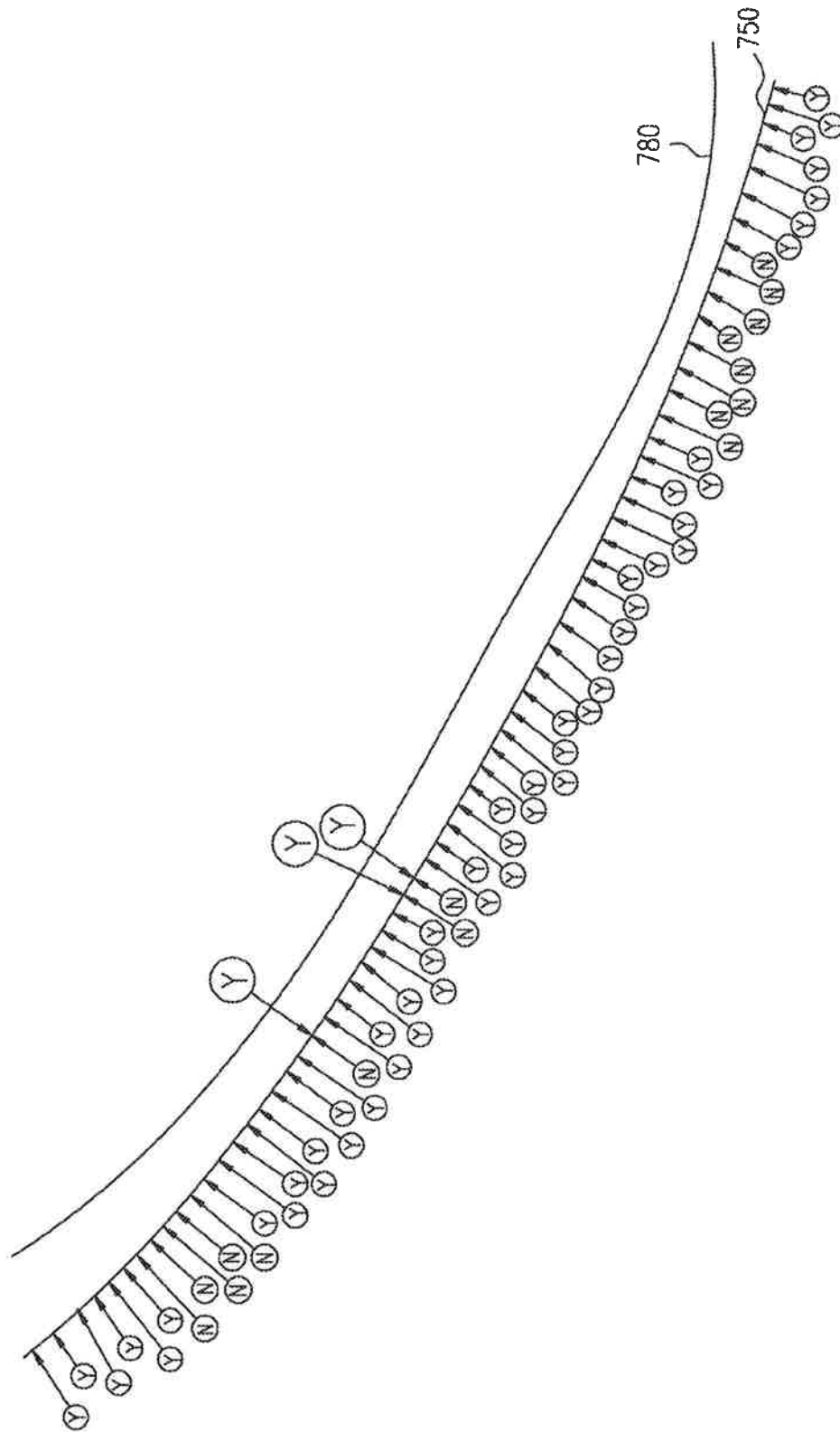


FIG. 12B

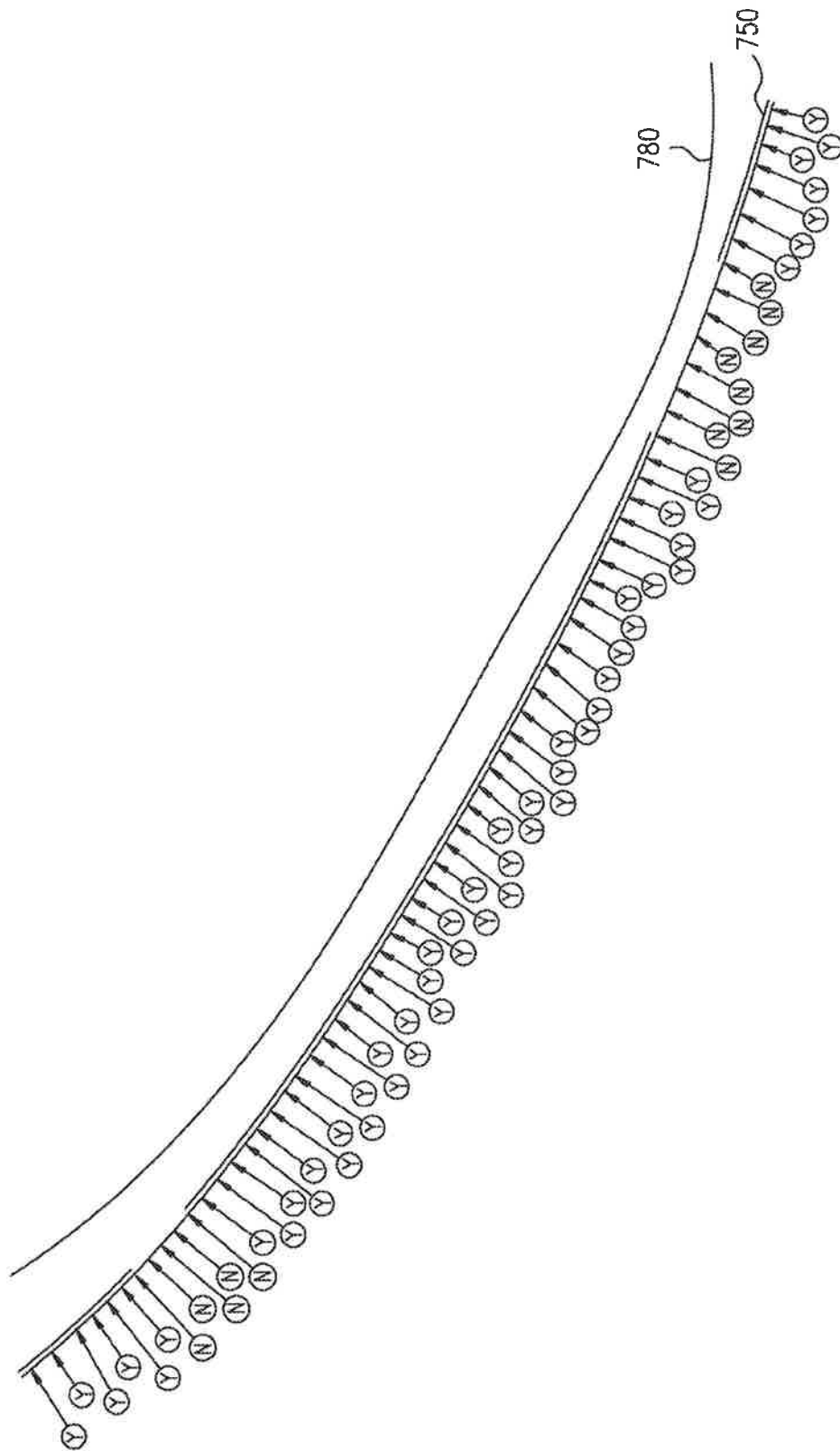


FIG. 12C

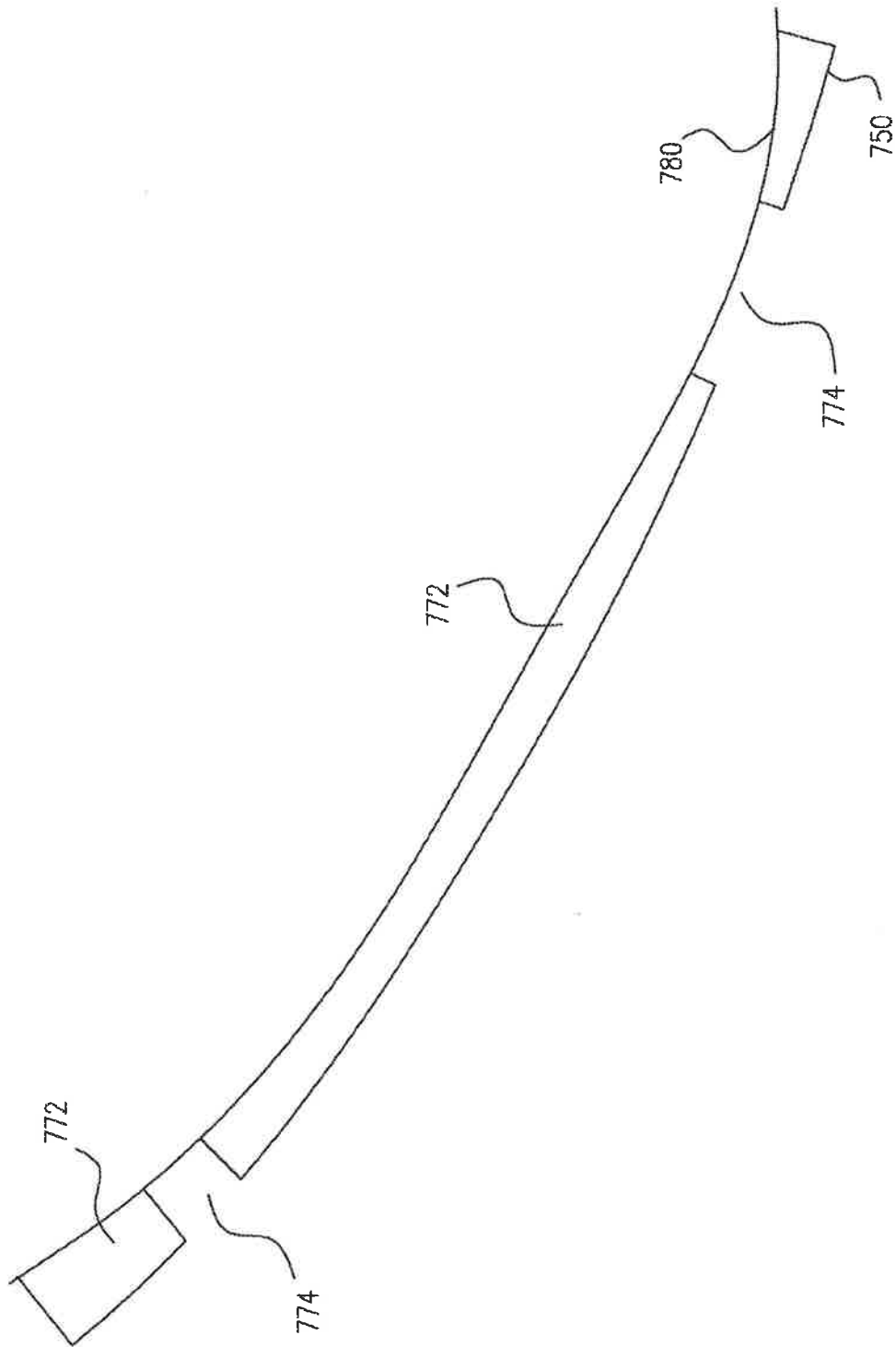


FIG. 13

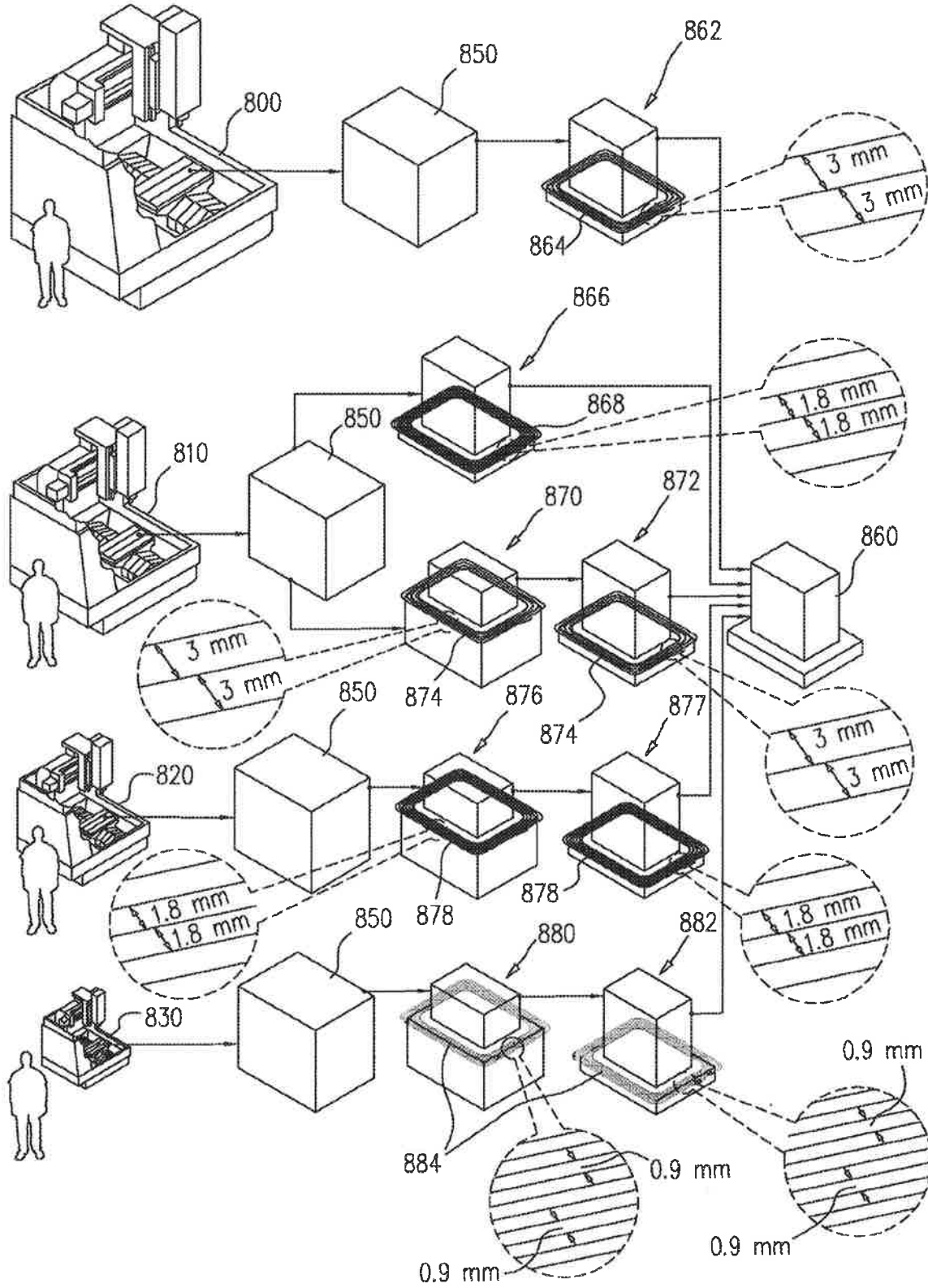
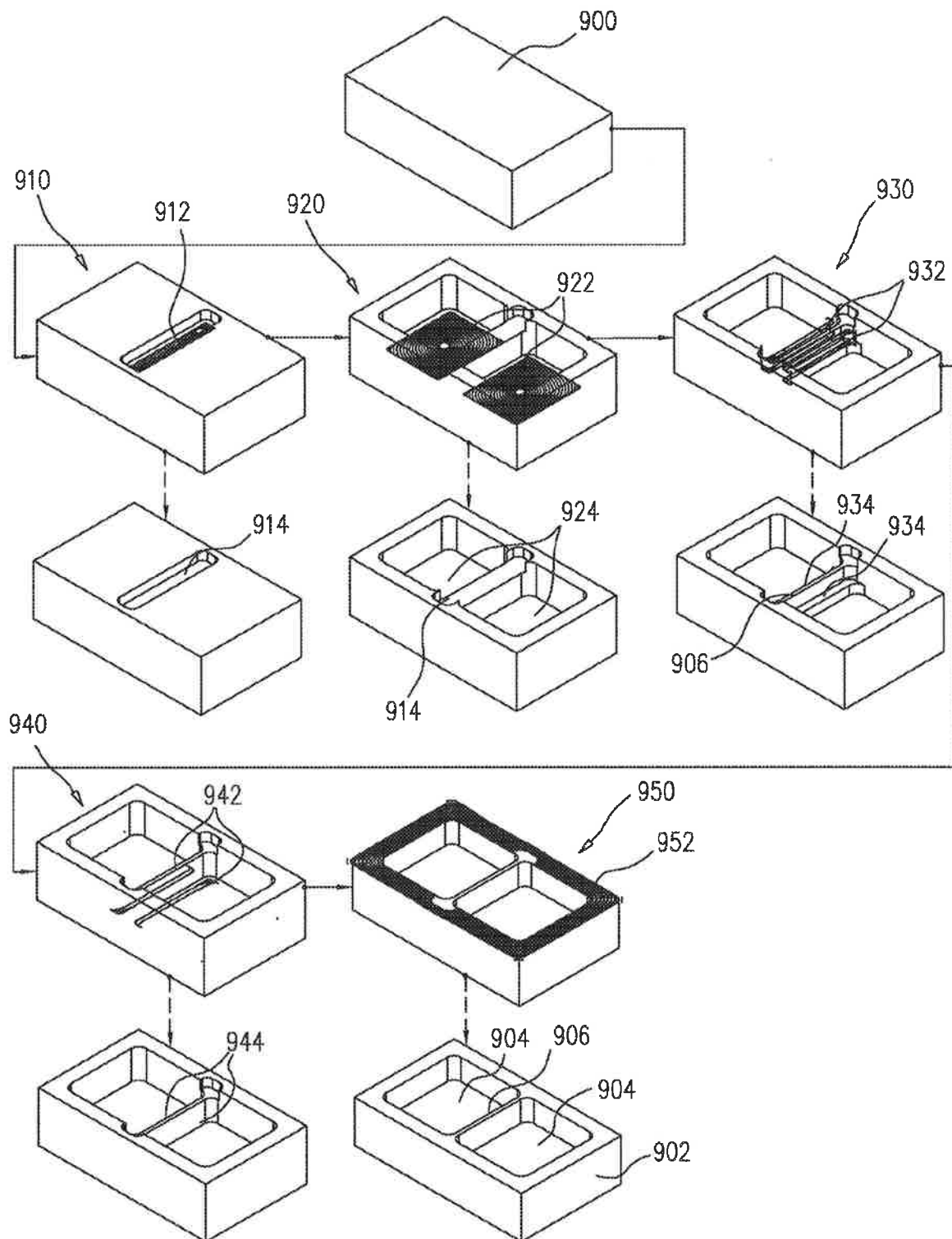


FIG. 14



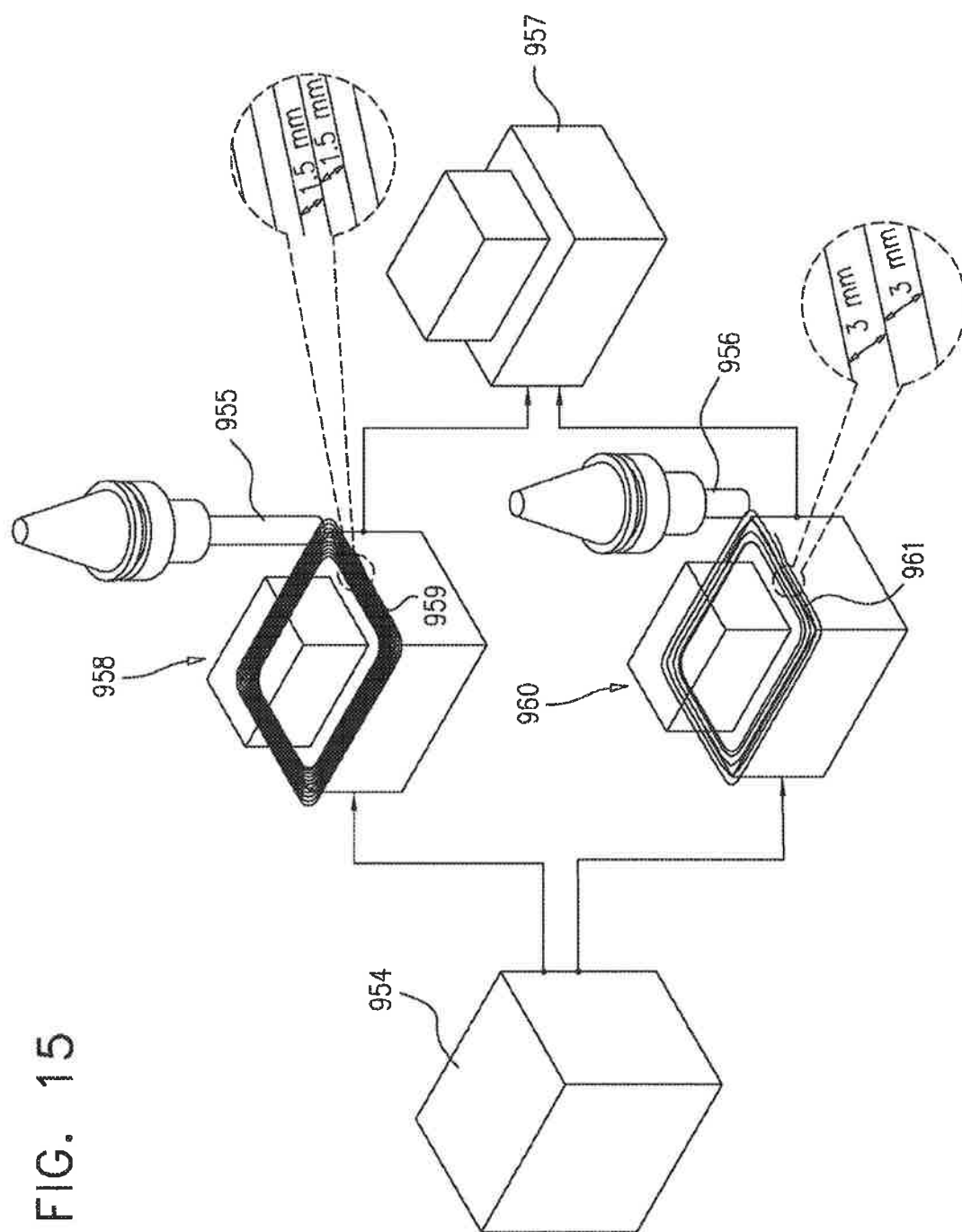


FIG. 16

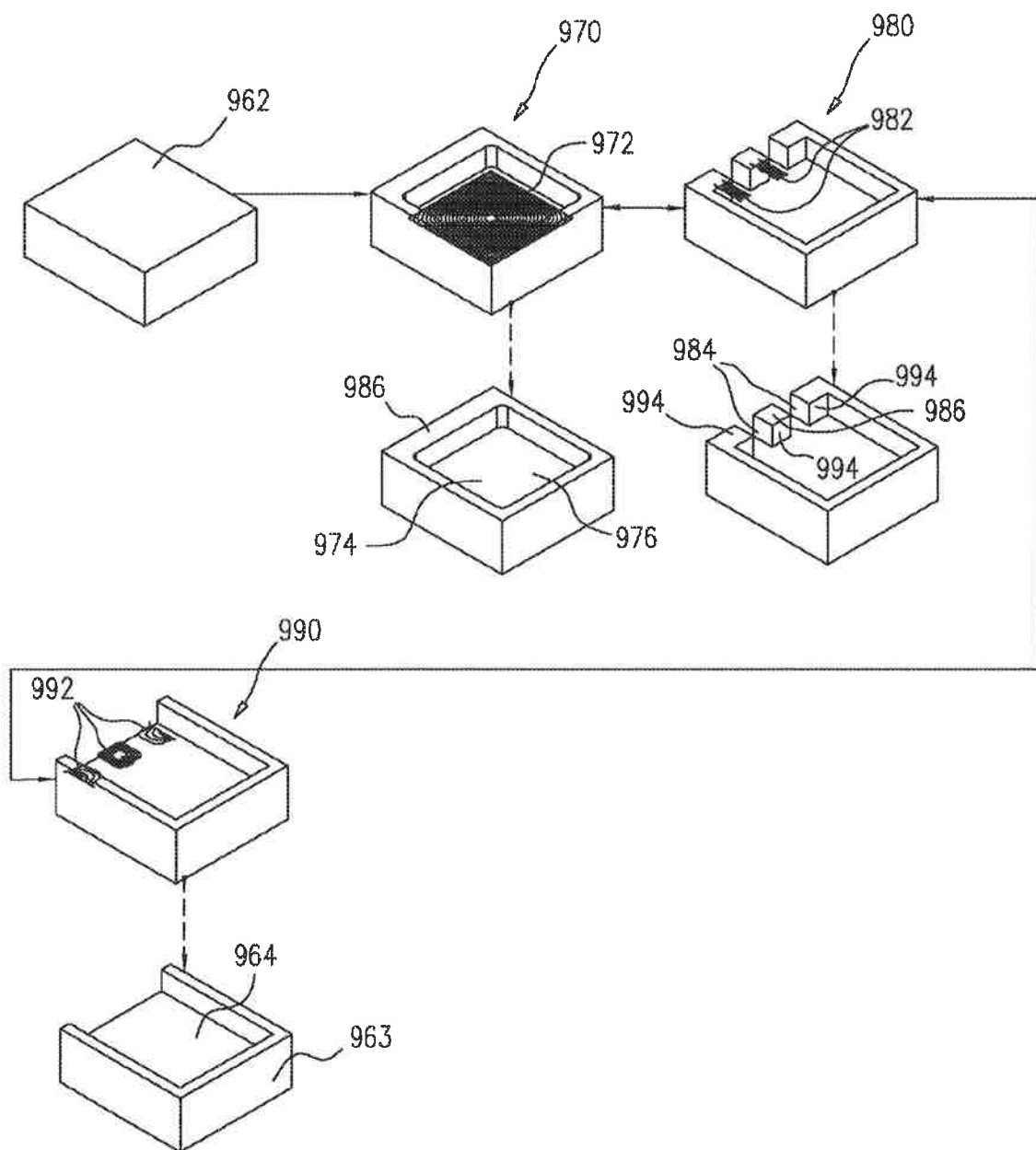


FIG. 17

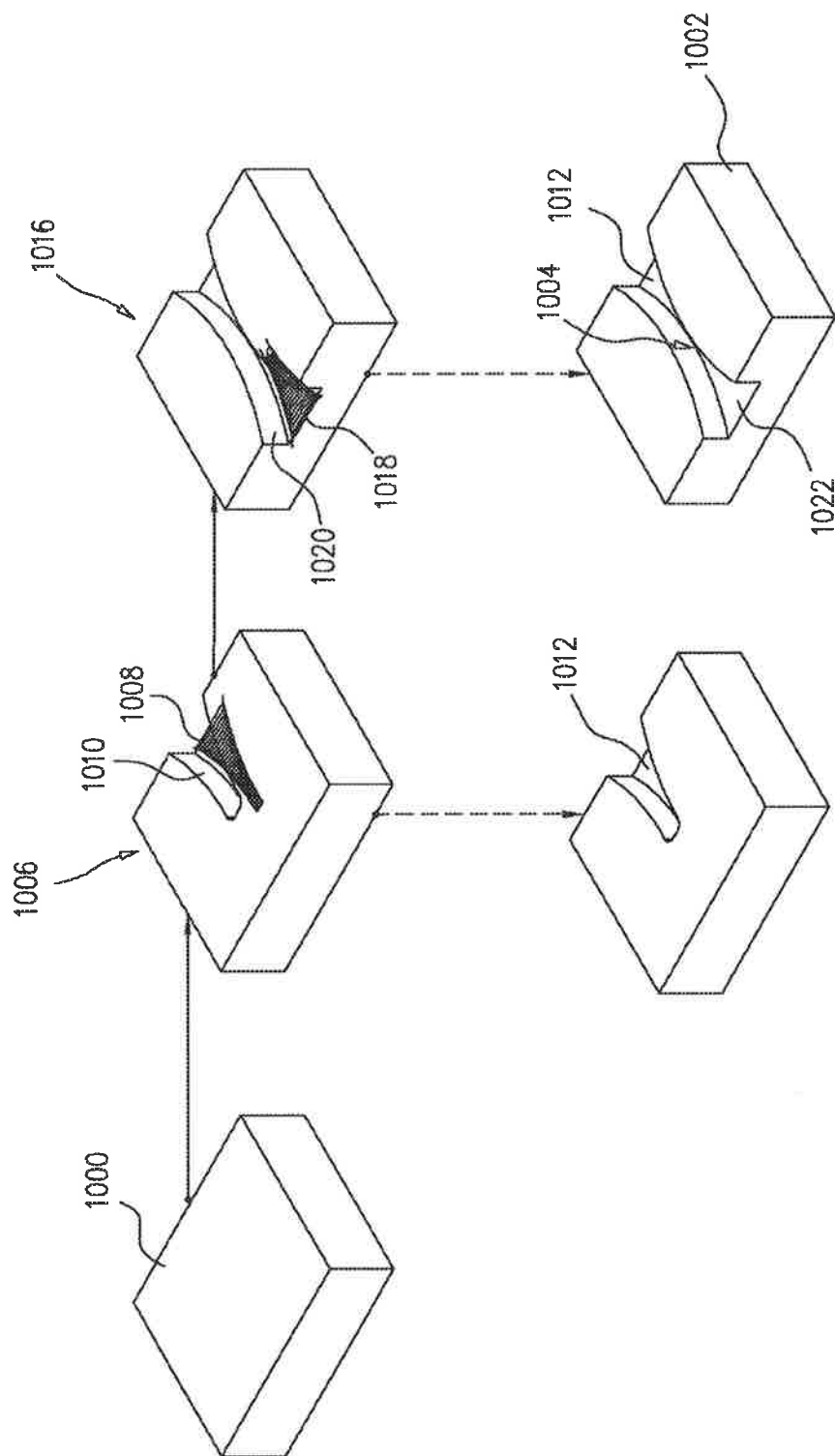


FIG. 18

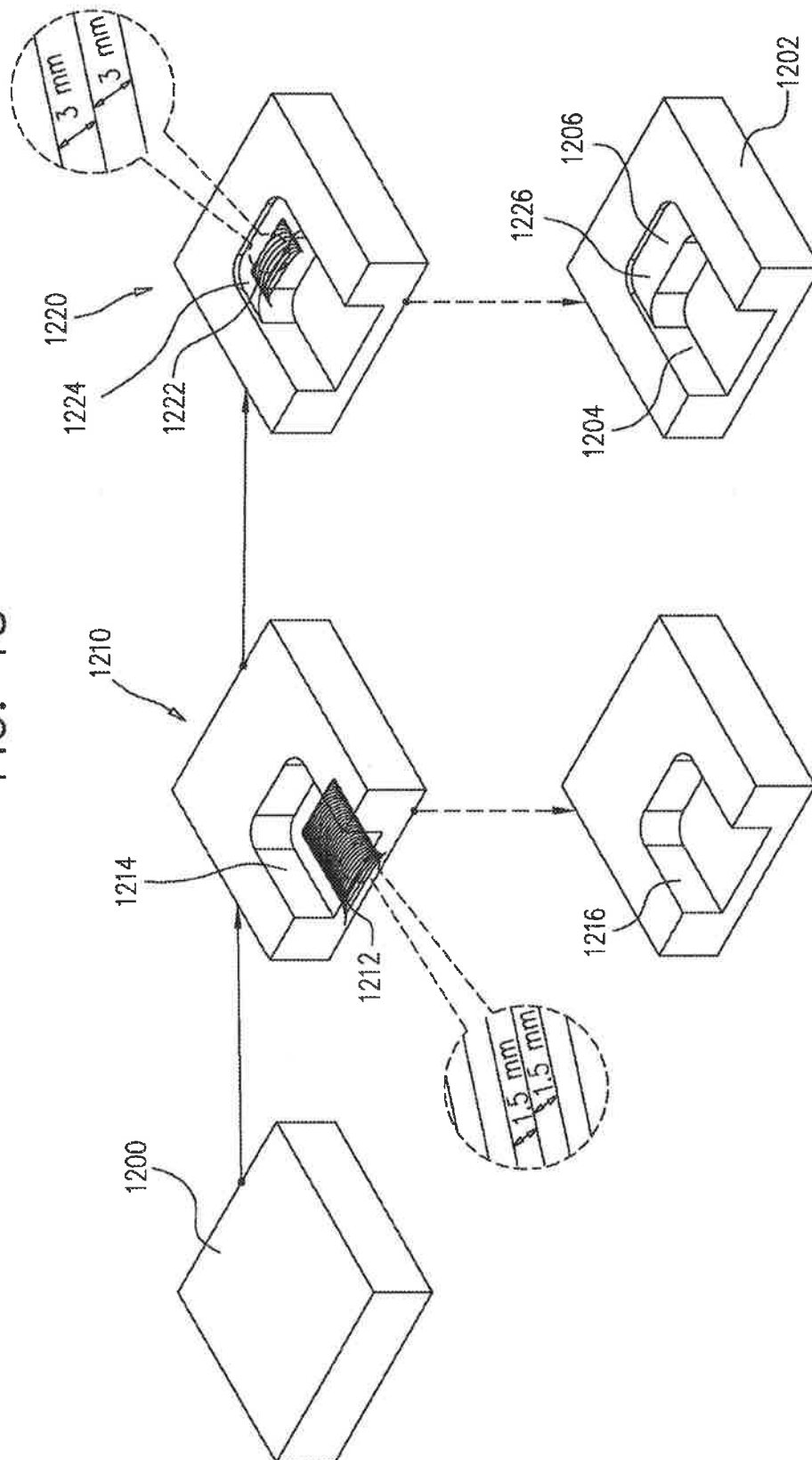


FIG. 19A

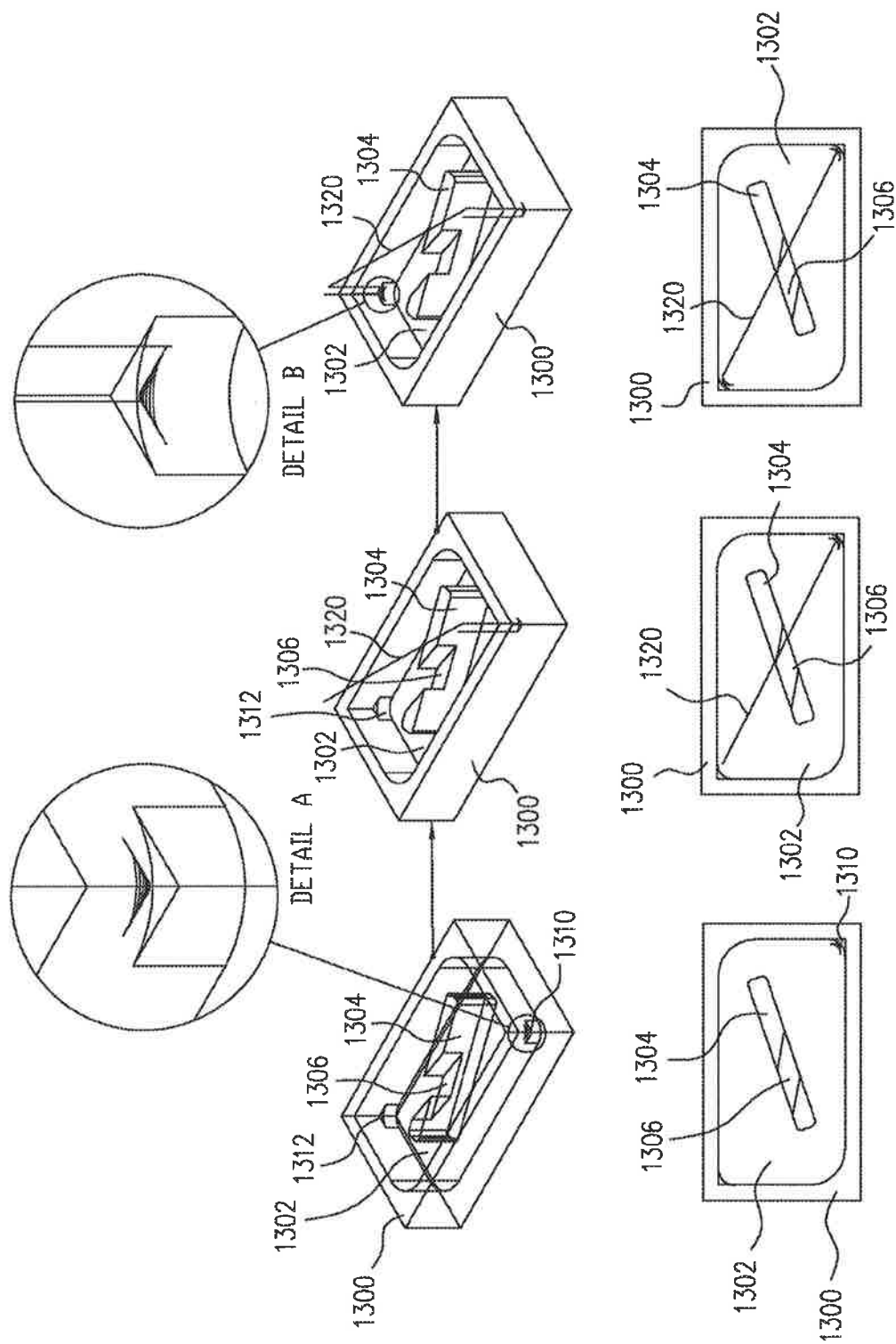


FIG. 19B

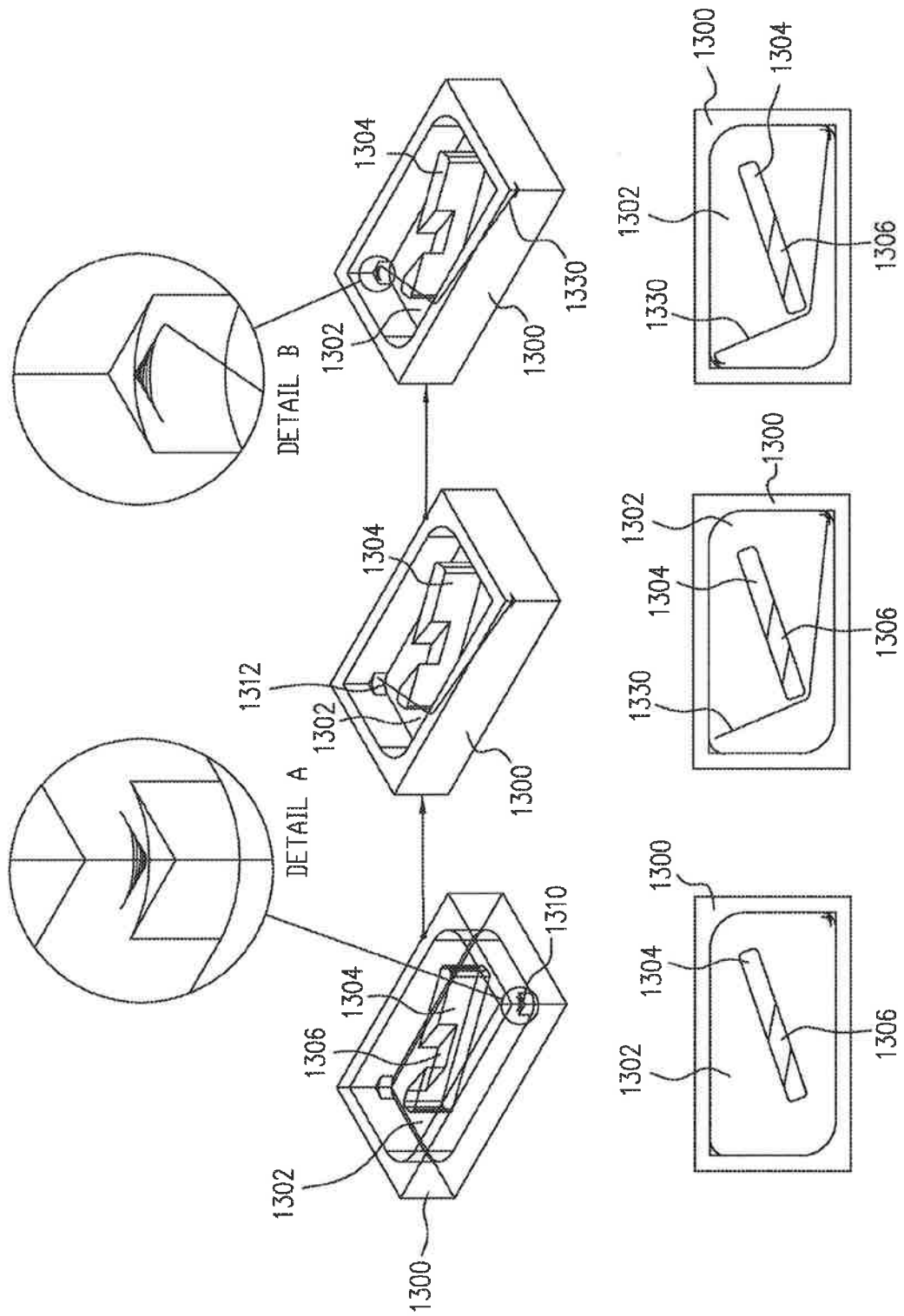


FIG. 19C

