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(12) **United States Design Patent**  
**Inagawa et al.**

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(54) **HEATER PLATE AND HEATER ELEMENT ASSEMBLY**

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(\*\*) Term: **14 Years**

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**Related U.S. Application Data**

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10, 2011, now Pat. No. Des. 670,372.

(51) **LOC (9) Cl.** ..... **23-03**

(52) **U.S. Cl.**  
USPC ..... **D23/415**

(58) **Field of Classification Search**  
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D23/345, 347, 349, 415-419; D7/402, 407,  
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126/25 B, 298, 500, 512, 540, 543, 544, 548,  
126/555; 160/DIG. 9; 431/263, 273, 329;  
219/549

See application file for complete search history.

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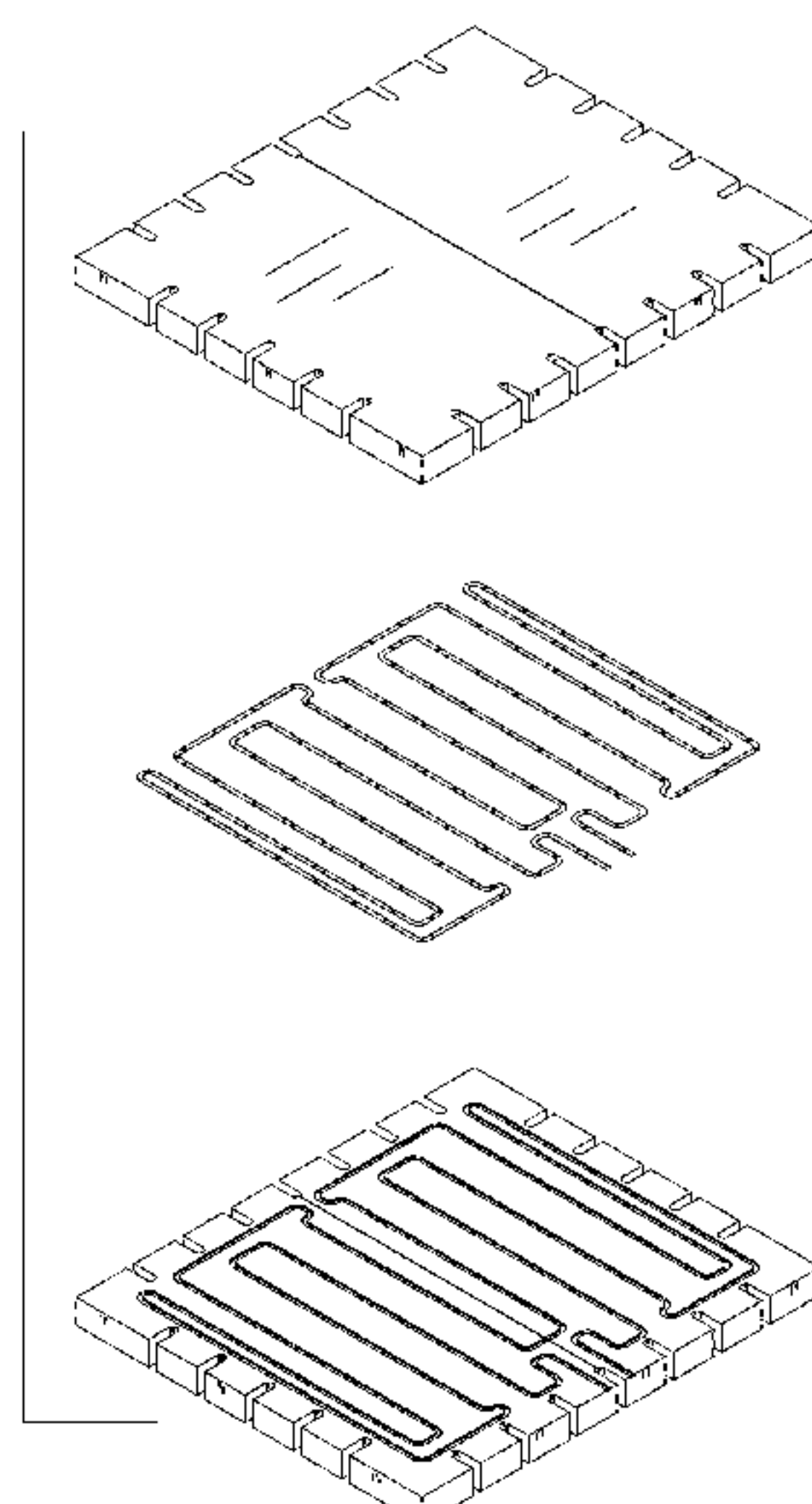
(57) **CLAIM**

The ornamental design for a heater plate and heater element assembly, as shown and described.

**DESCRIPTION**

FIG. 1 is an isometric view of a heater plate and heater element assembly showing my new design;  
 FIG. 2 is a front elevation view thereof;  
 FIG. 3 is a detailed view thereof showing the heater element within the grooves of two heater plates;  
 FIG. 4 is an exploded view of the design of FIG. 1 showing the heater element between the two heater plates. The grooved surfaces face each other to provide encasement of the heater element;  
 FIG. 5 is a plan view of the bottom heater plate of the design of FIG. 1, grooved on the inner side to accept the heater element;  
 FIG. 6 is a front elevation view thereof;  
 FIG. 7 is a side elevation view thereof, the opposite side being a mirror image;  
 FIG. 8 is a rear elevation view thereof;  
 FIG. 9 is an enlarged isometric view thereof showing the heater element placed within the bottom heater plate;  
 FIG. 10 is a detail view thereof;  
 FIG. 11 is a plan view of the heater element of the design of FIG. 1, the opposite side being a mirror image;  
 FIG. 12 is a front elevation view thereof;  
 FIG. 13 is a side elevation view thereof; and,  
 FIG. 14 is a rear elevation view thereof.

**1 Claim, 6 Drawing Sheets**



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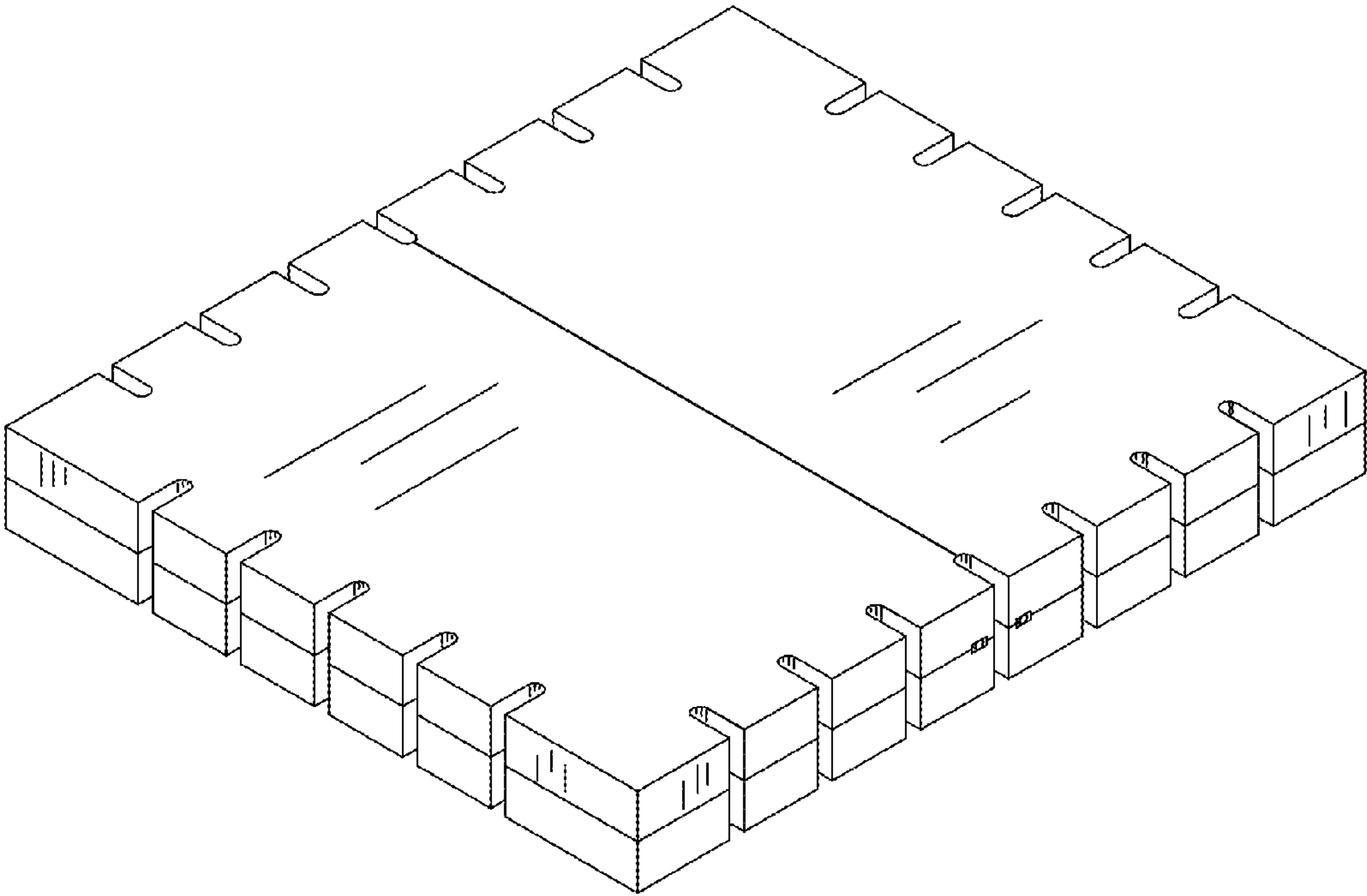


FIG. 1

FIG. 3

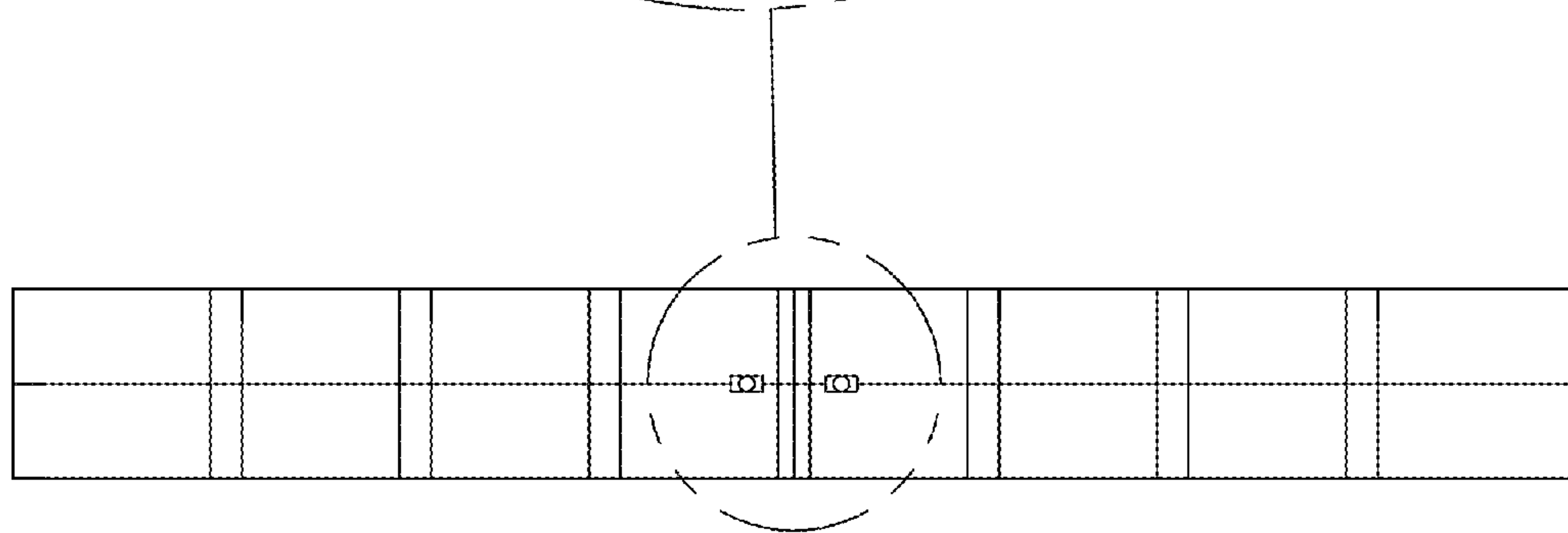
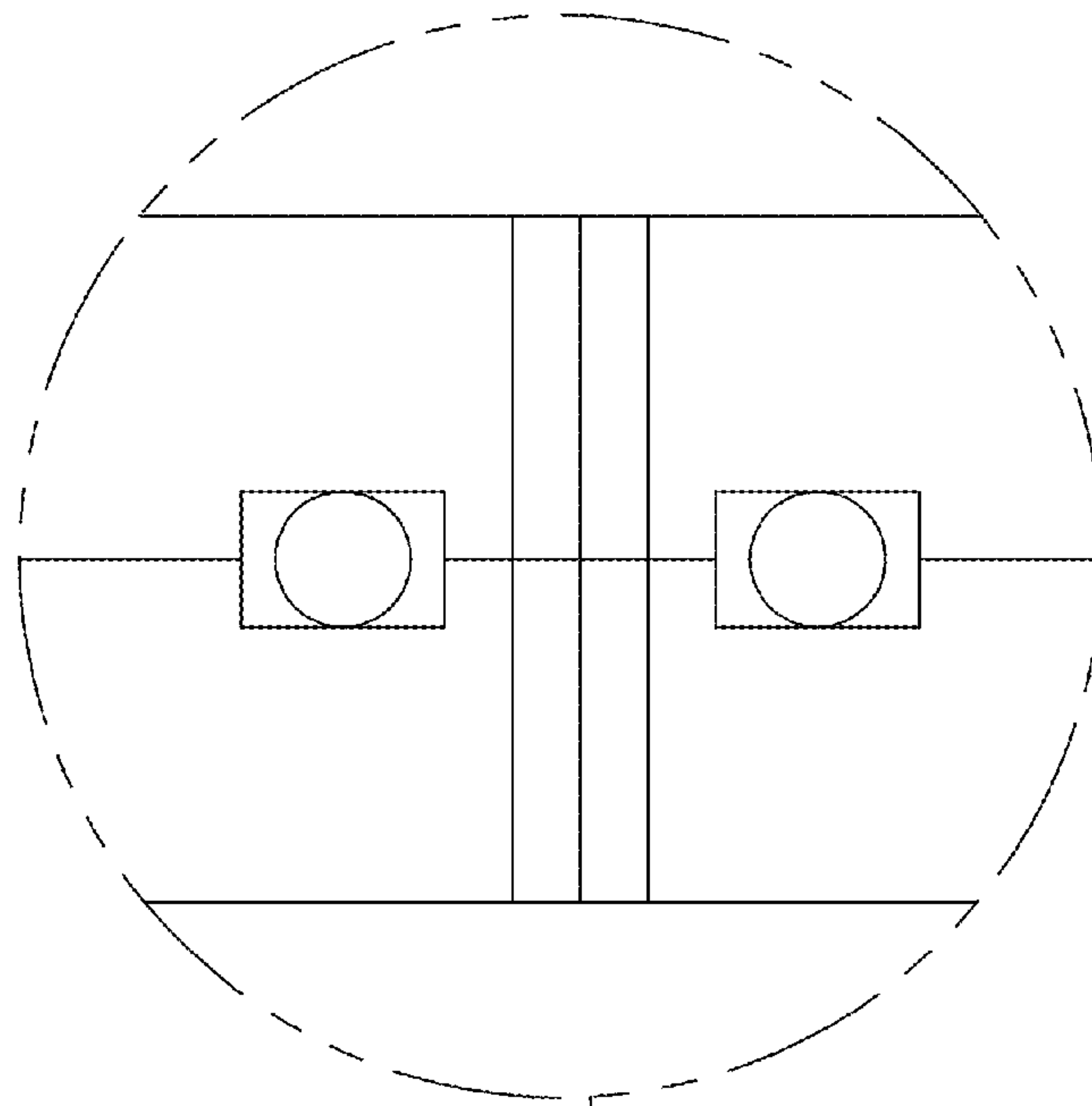


FIG. 2

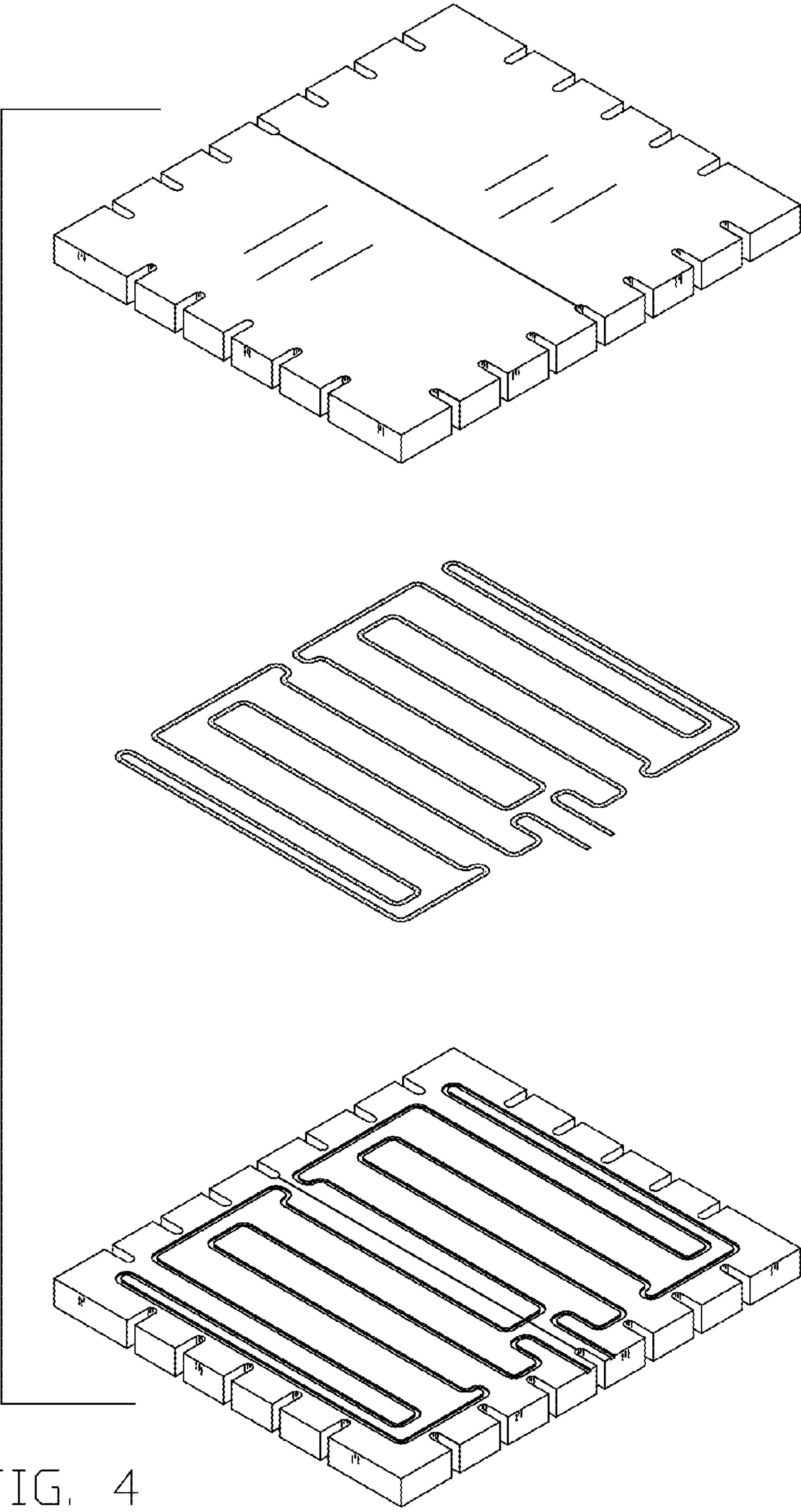


FIG. 4



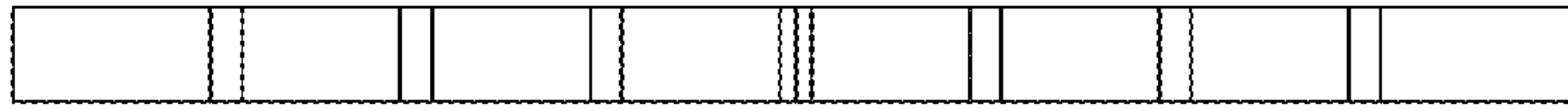


FIG. 8

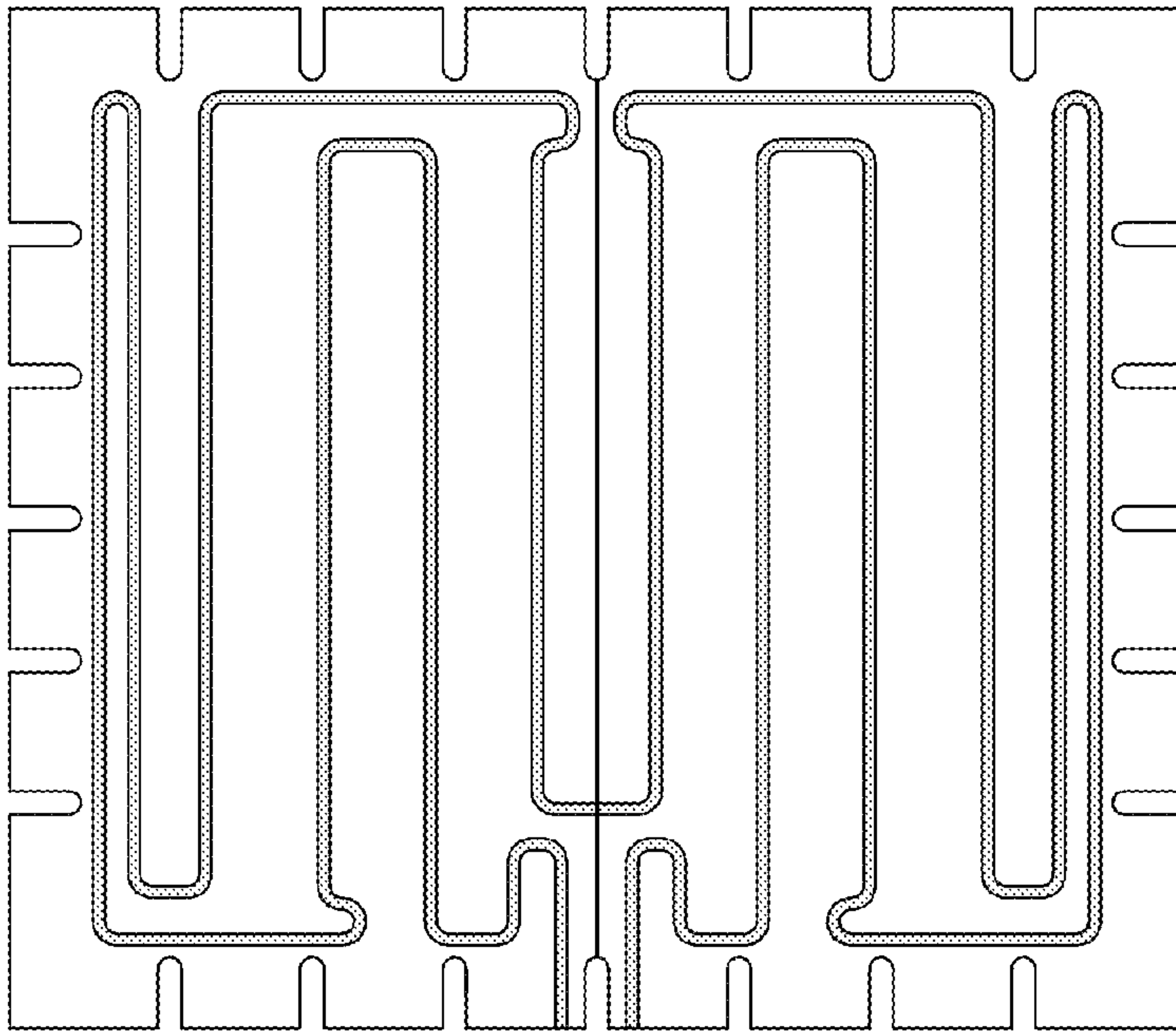


FIG. 5

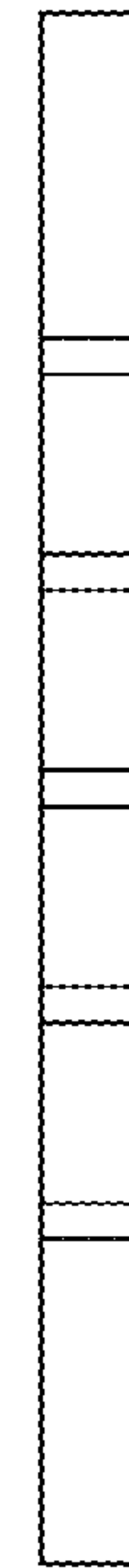


FIG. 7

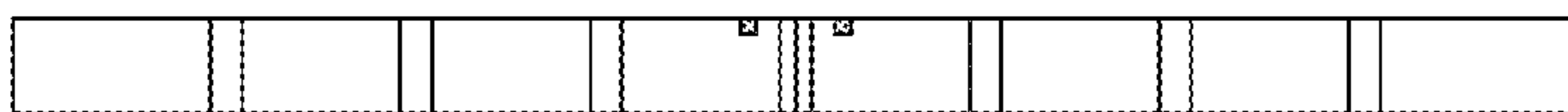
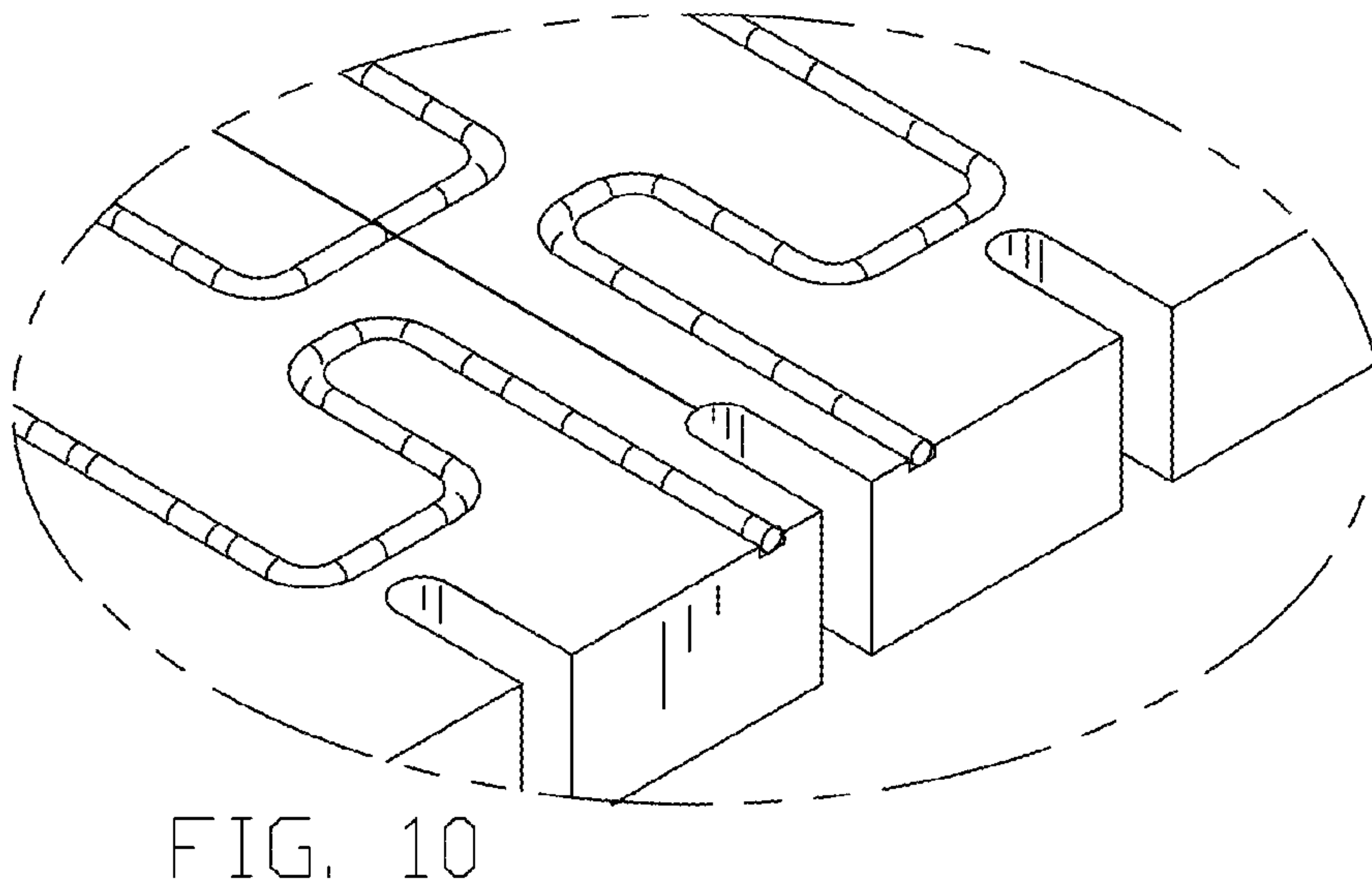
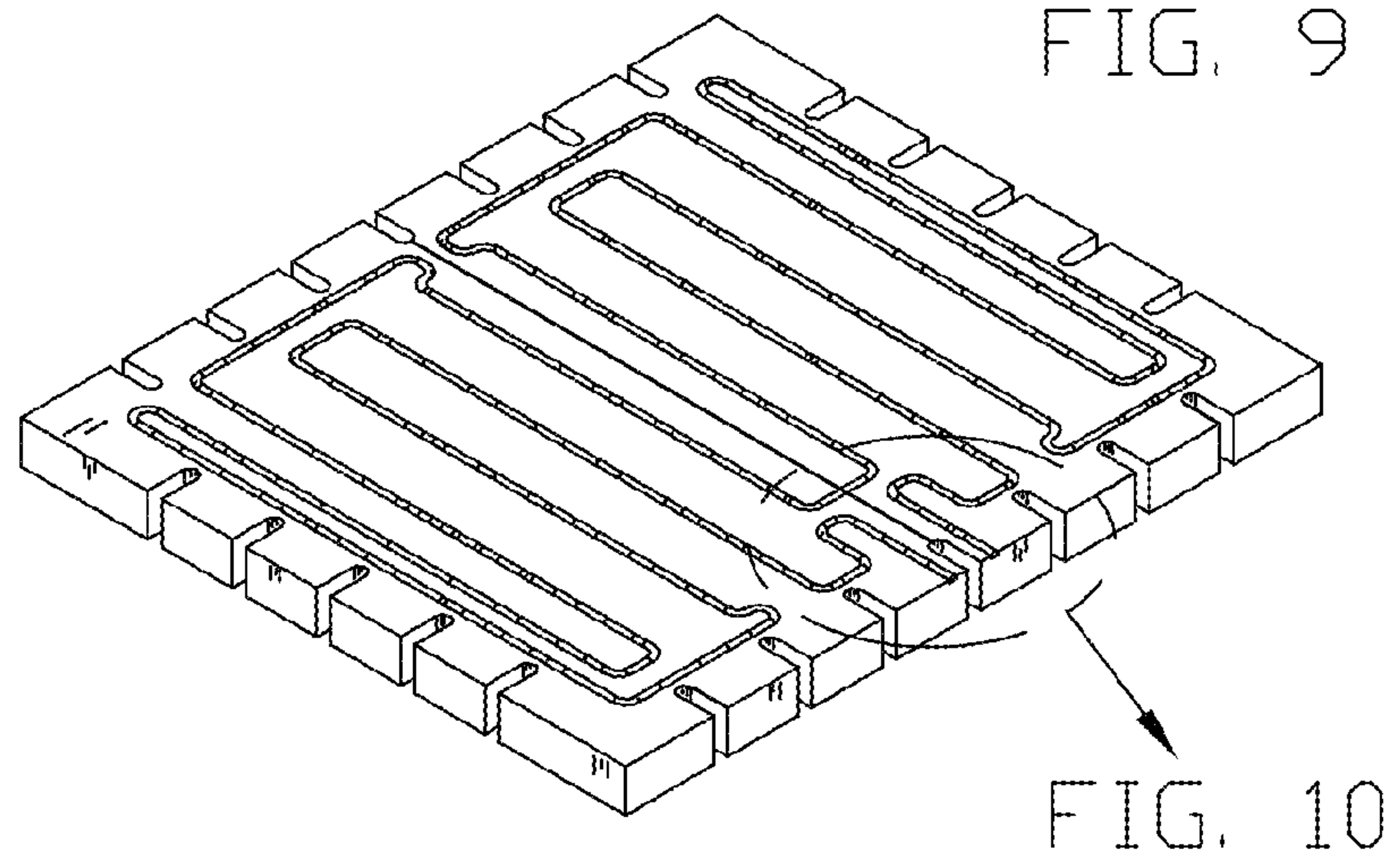


FIG. 6



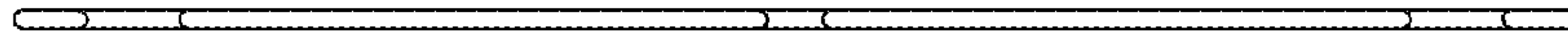


FIG. 14

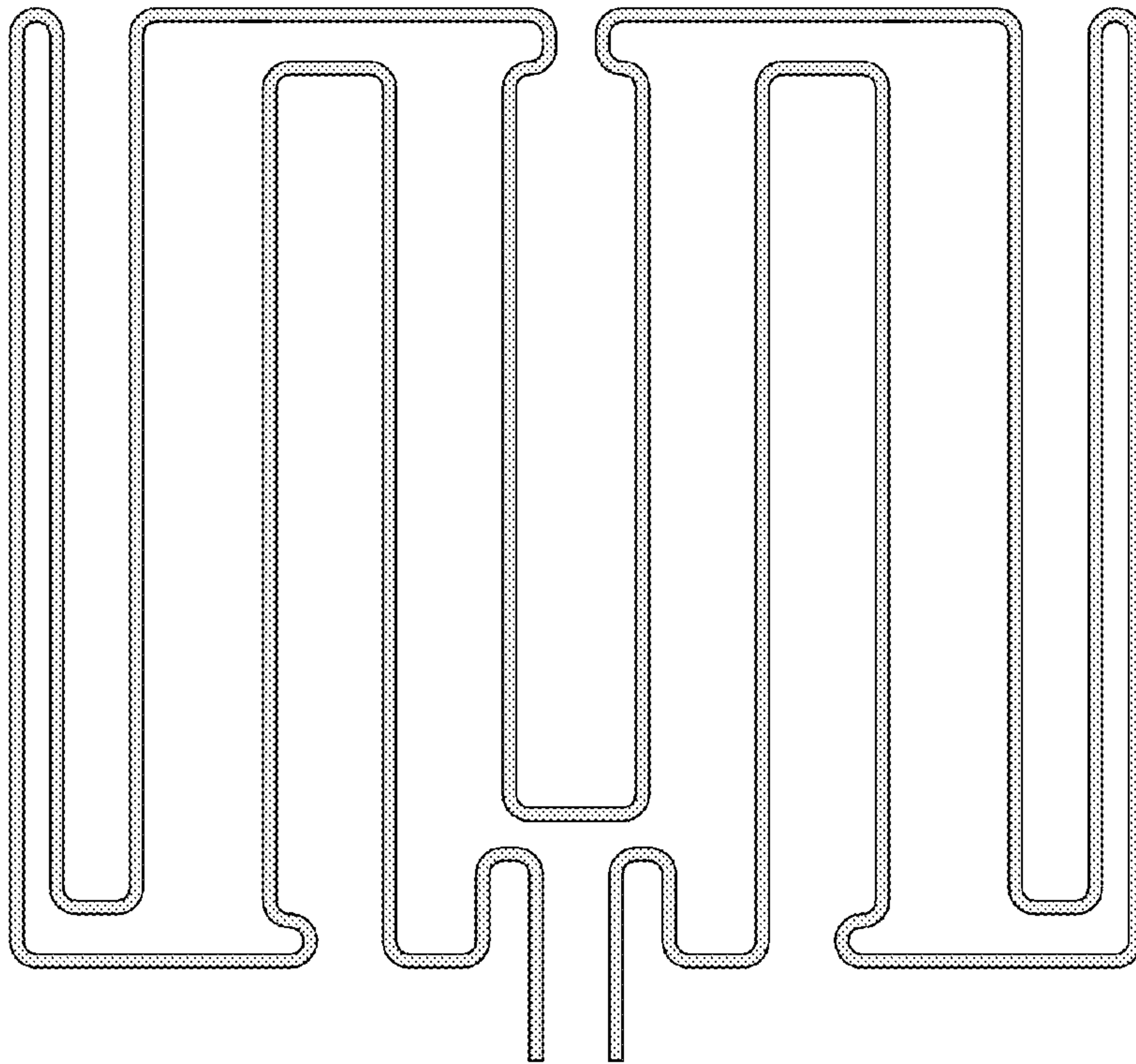


FIG. 11



FIG. 13

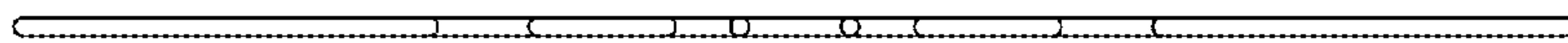


FIG. 12