



US00D975284S

(12) **United States Design Patent** (10) **Patent No.:** **US D975,284 S**
Tong et al. (45) **Date of Patent:** **** Jan. 10, 2023**

(54) **ORTHODONTIC APPLIANCE FORMING ASSEMBLY**

FOREIGN PATENT DOCUMENTS

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WO WO 2006/055239 5/2006

* cited by examiner

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(57) **CLAIM**

The ornamental design for an orthodontic appliance forming assembly, as shown and described.

(**) Term: **15 Years**

(21) Appl. No.: **29/796,922**

DESCRIPTION

(22) Filed: **Jun. 28, 2021**

(51) **LOC (14) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/181**

(58) **Field of Classification Search**
USPC D24/176, 180, 181
CPC A61C 13/34; A61C 13/00; A61C 13/0027;
A61C 13/04; A61C 13/20; B29C 64/153
See application file for complete search history.

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FIG. 1 is an enlarged top perspective view of an orthodontic appliance forming assembly;

FIG. 2 is an enlarged bottom perspective view of the forming assembly of FIG. 1;

FIG. 3 is a top plan view of the forming assembly of FIG. 1;

FIG. 4 is a left side view of the forming assembly of FIG. 1;

FIG. 5 is a right side view of the forming assembly of FIG. 1;

FIG. 6 is a front view of the forming assembly of FIG. 1;

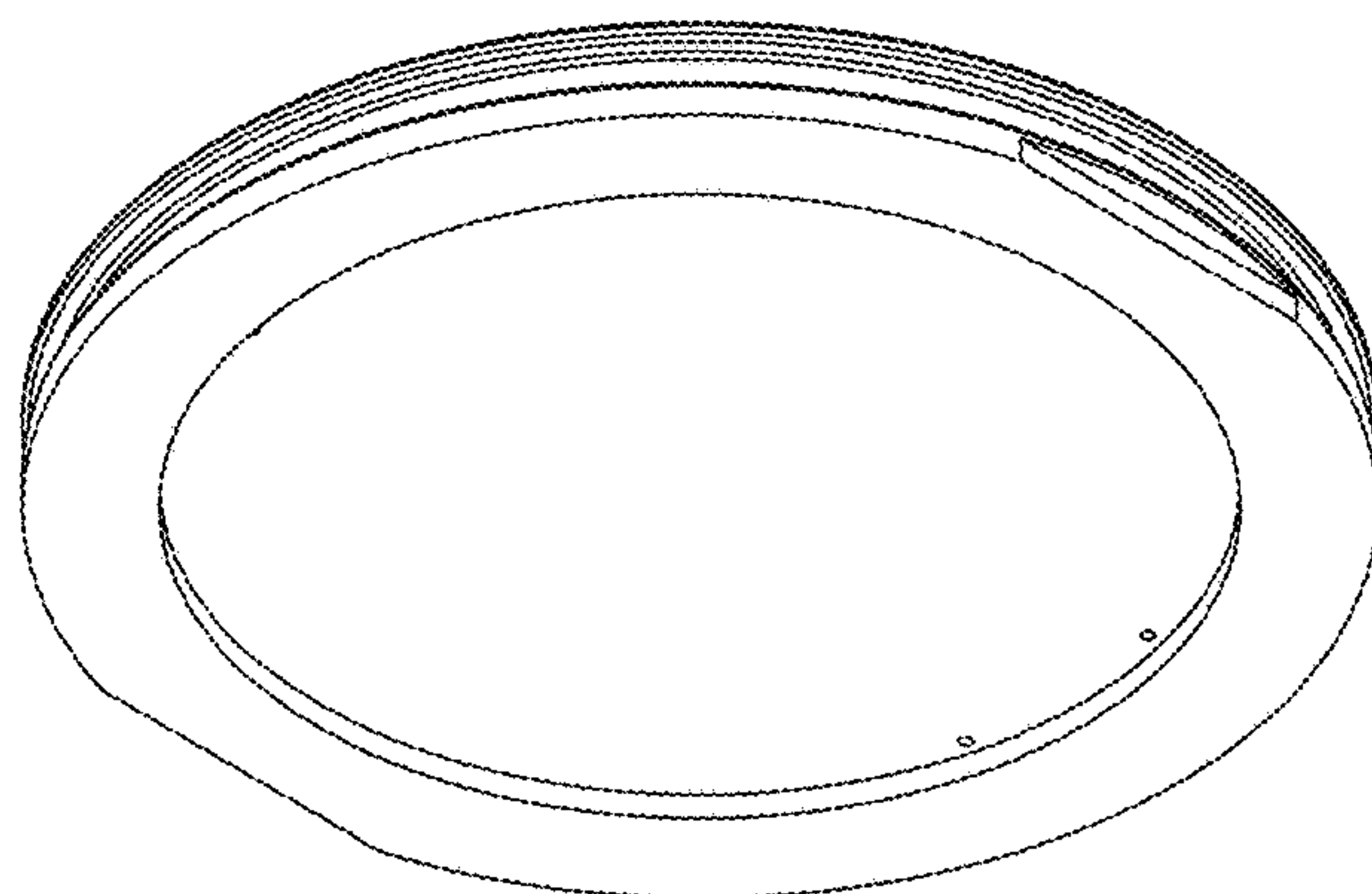
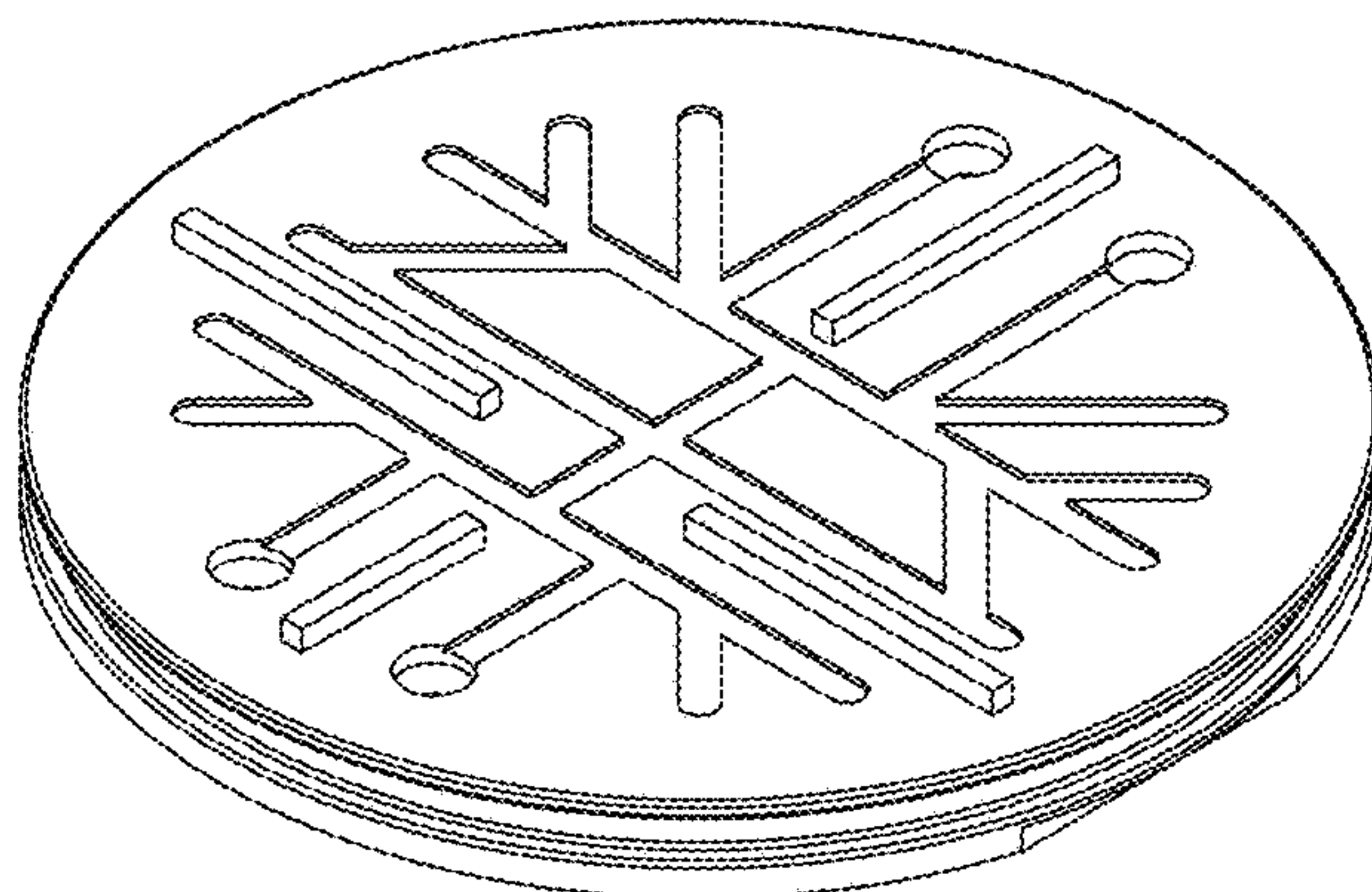
FIG. 7 is a rear view of the forming assembly of FIG. 1;

FIG. 8 is a bottom plan view of the forming assembly of FIG. 1; and,

FIG. 9 is a perspective assembly view of the forming assembly of FIG. 1 having an orthodontic appliance mold positioned thereon and a thermoplastic sheet material positioned over the forming assembly.

The broken lines shown in the drawings are included for the purpose of illustrating portions and environmental elements of the orthodontic appliance forming assembly and form no part of the claimed design.

1 Claim, 3 Drawing Sheets



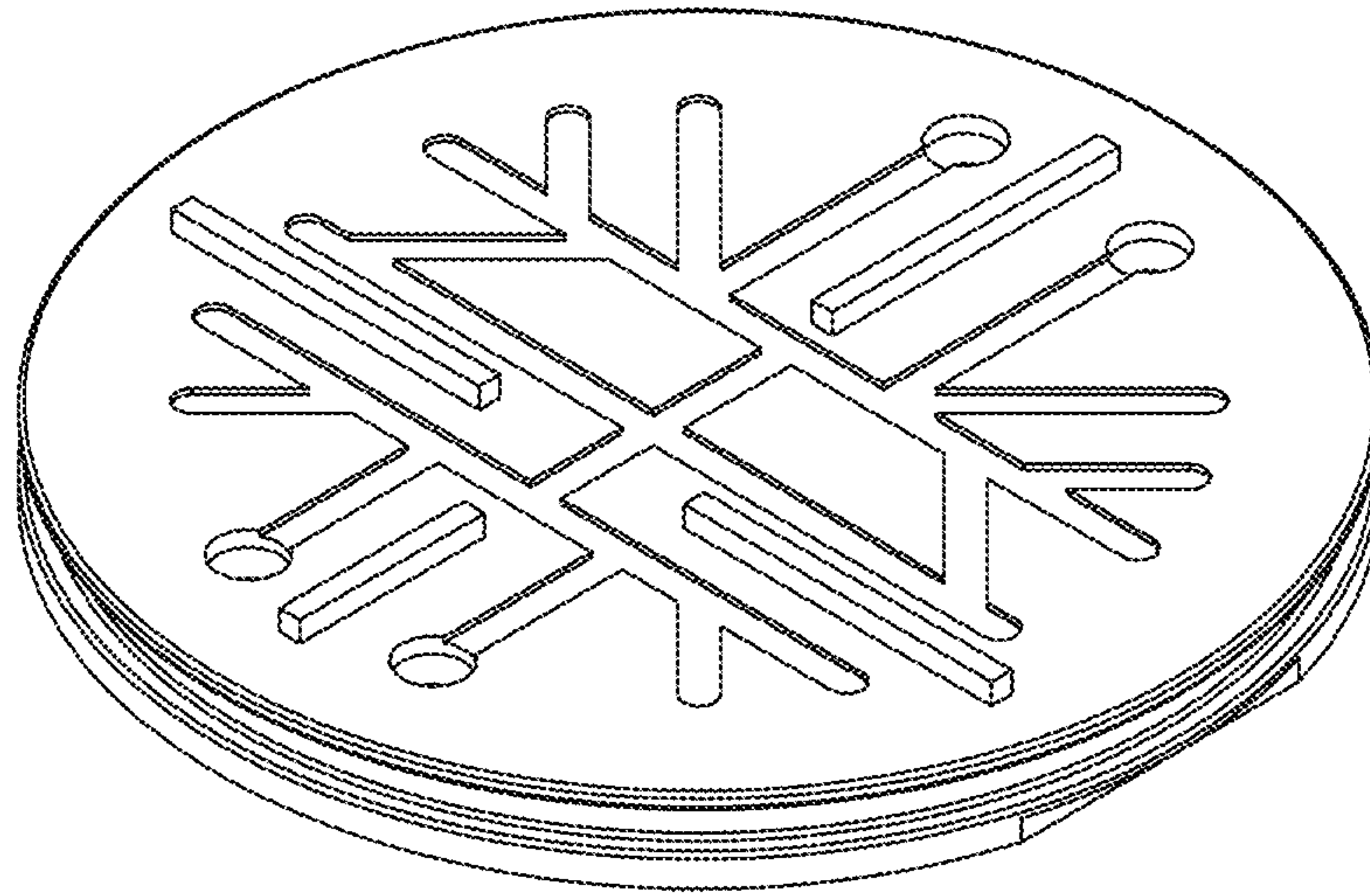


FIG. 1

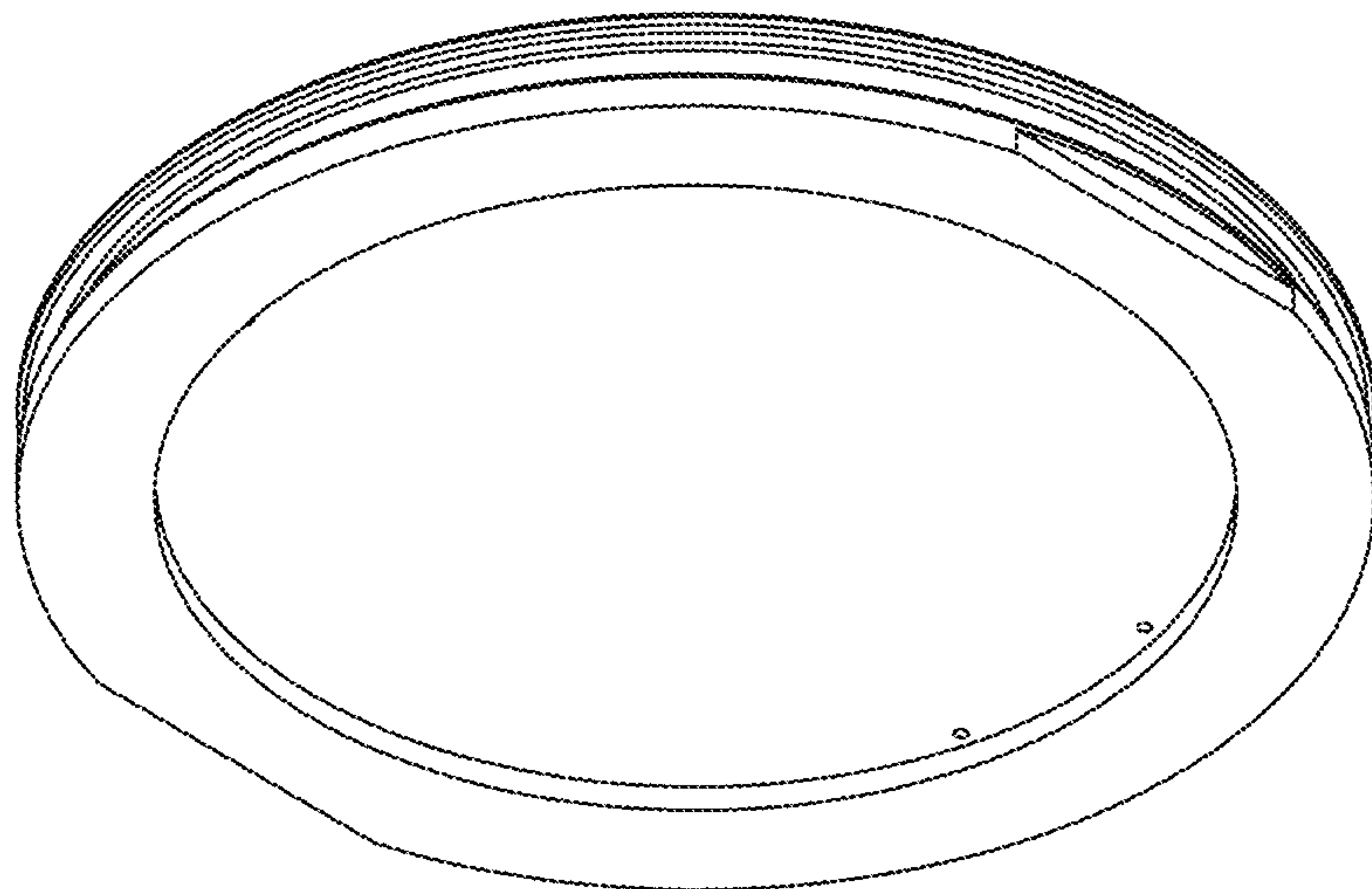


FIG. 2

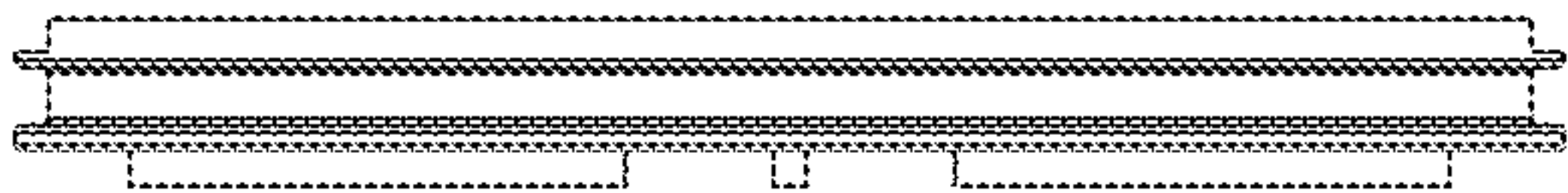


FIG. 7

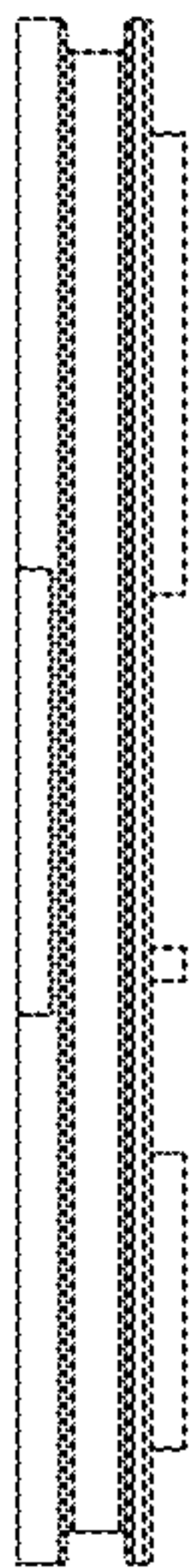


FIG. 4

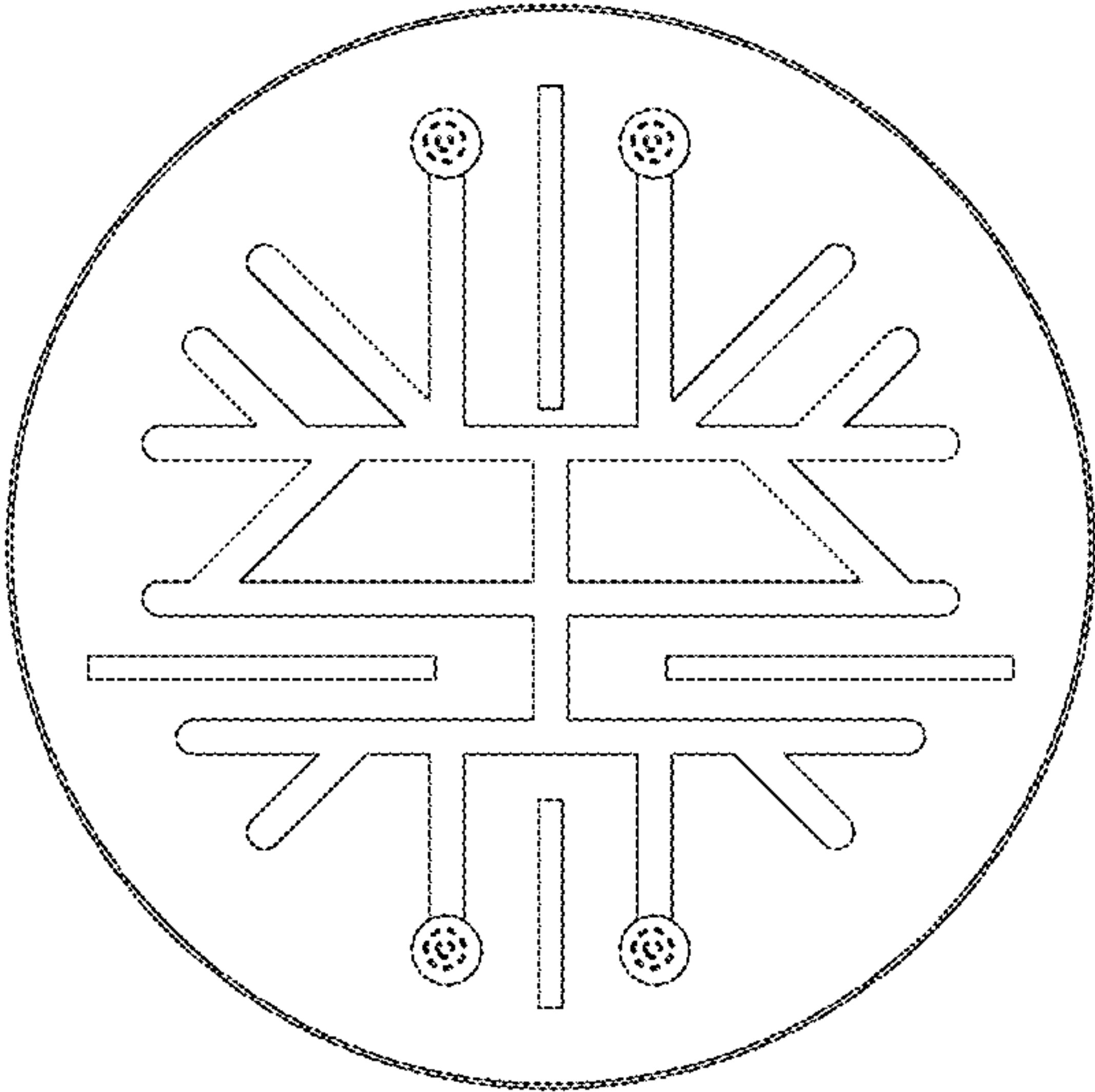


FIG. 3

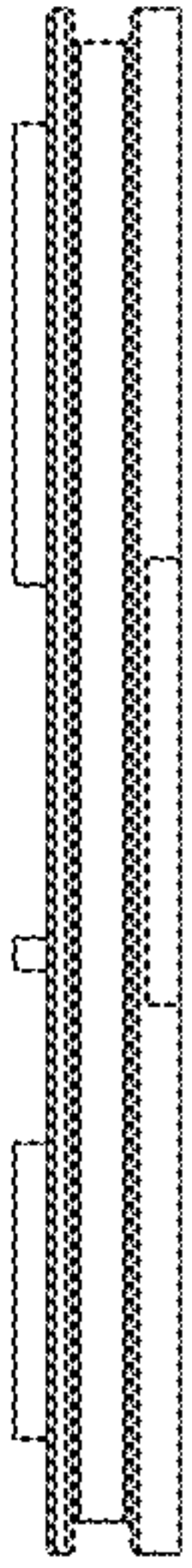


FIG. 5

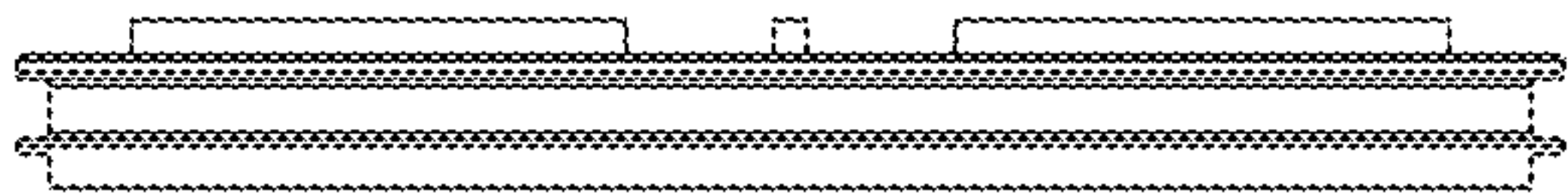


FIG. 6

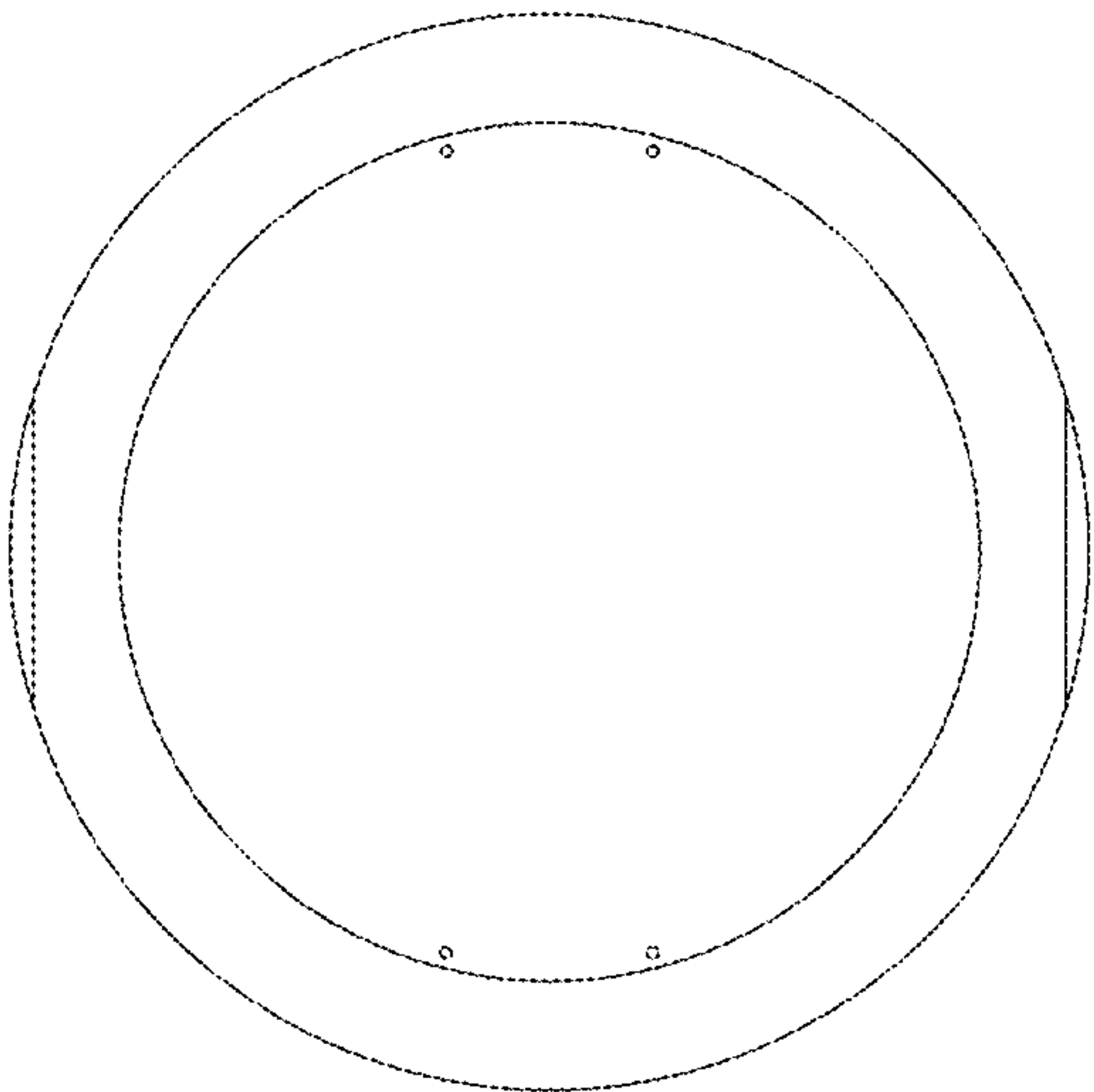


FIG. 8

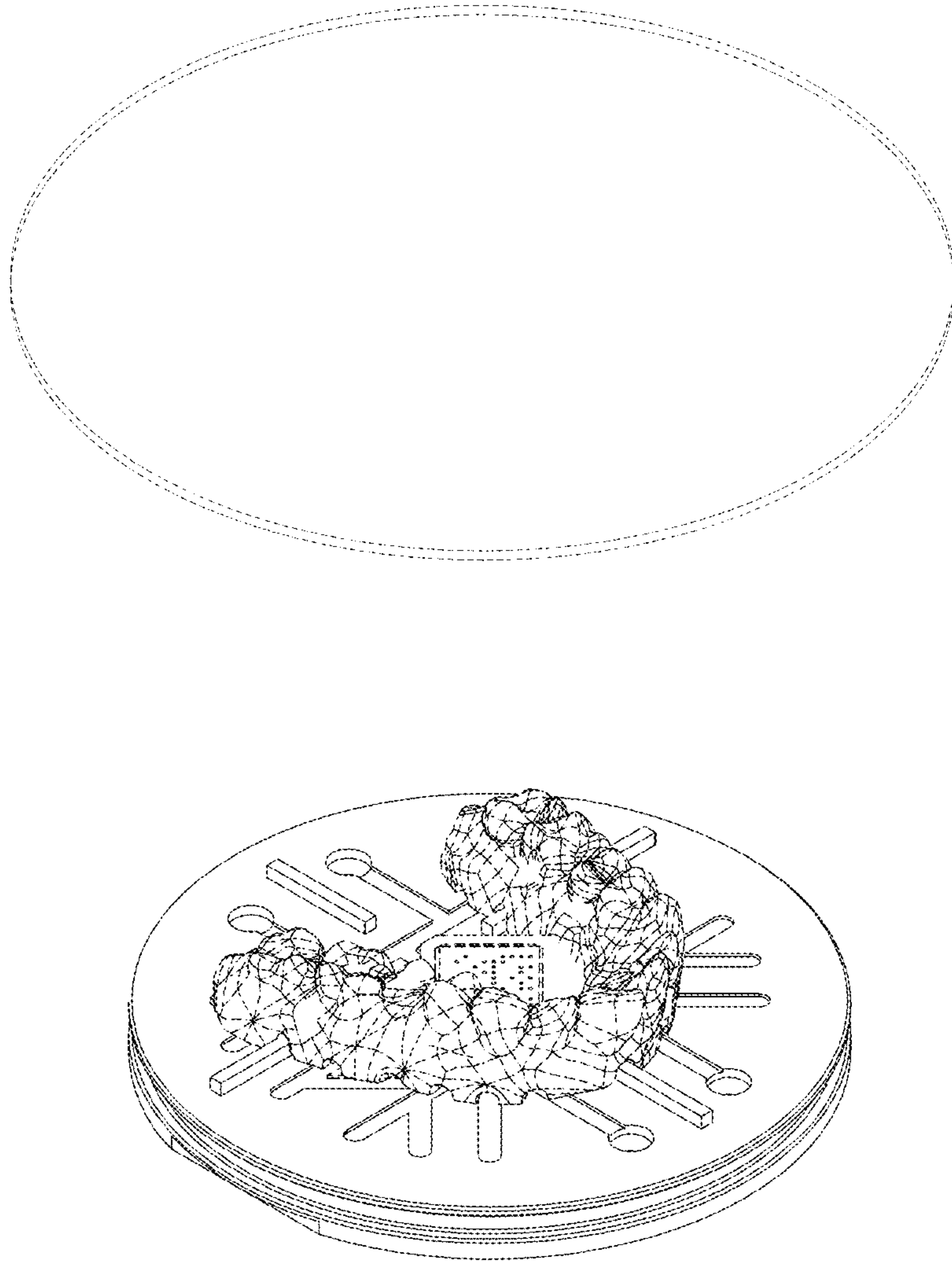


FIG. 9