



US00D975853S

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

(10) **Patent No.:** **US D975,853 S**  
(45) **Date of Patent:** **\*\* Jan. 17, 2023**

(54) **DENTAL BUCCAL TUBE**

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(71) Applicant: **GUANGZHOU OO MEDICAL SCIENTIFIC LIMITED**, Guangdong (CN)

(57) **CLAIM**

The ornamental design for a dental buccal tube, as shown and described.

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**DESCRIPTION**

(73) Assignee: **GUANGZHOU OO MEDICAL SCIENTIFIC LIMITED**, Guangdong (CN)

FIG. 1 is a front right perspective view of a dental buccal tube;

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

FIG. 2 is a front view of the dental buccal tube according to the embodiment of FIG. 1;

(21) Appl. No.: **29/817,835**

FIG. 3 is a rear view of the dental buccal tube according to the embodiment of FIG. 1;

(22) Filed: **Dec. 3, 2021**

FIG. 4 is a left side view of the dental buccal tube according to the embodiment of FIG. 1;

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 29/732,920, filed on Apr. 28, 2020, now Pat. No. Des. 940,877.

FIG. 5 is a right side view of the dental buccal tube according to the embodiment of FIG. 1;

(30) **Foreign Application Priority Data**

Nov. 1, 2019 (CN) ..... 201930599644.0

FIG. 6 is a top view of the dental buccal tube according to the embodiment of FIG. 1;

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

FIG. 7 is a bottom view of the dental buccal tube according to the embodiment of FIG. 1;

(52) **U.S. Cl.**  
USPC ..... **D24/180**

FIG. 8 is a front right perspective view of the dental buccal tube according to the embodiment of FIG. 1, in the change state;

(58) **Field of Classification Search**  
USPC ..... D24/176–182

FIG. 9 is a front view the dental buccal tube according to the embodiment of FIG. 1, in the change state;

(Continued)

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433/17  
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433/10

FIG. 10 is a rear view the dental buccal tube according to the embodiment of FIG. 1, in the change state;

(Continued)

FIG. 11 is a left side view the dental buccal tube according to the embodiment of FIG. 1, in the change state;

*Primary Examiner* — Wan Laymon

FIG. 12 is a right side view the dental buccal tube according to the embodiment of FIG. 1, in the change state;

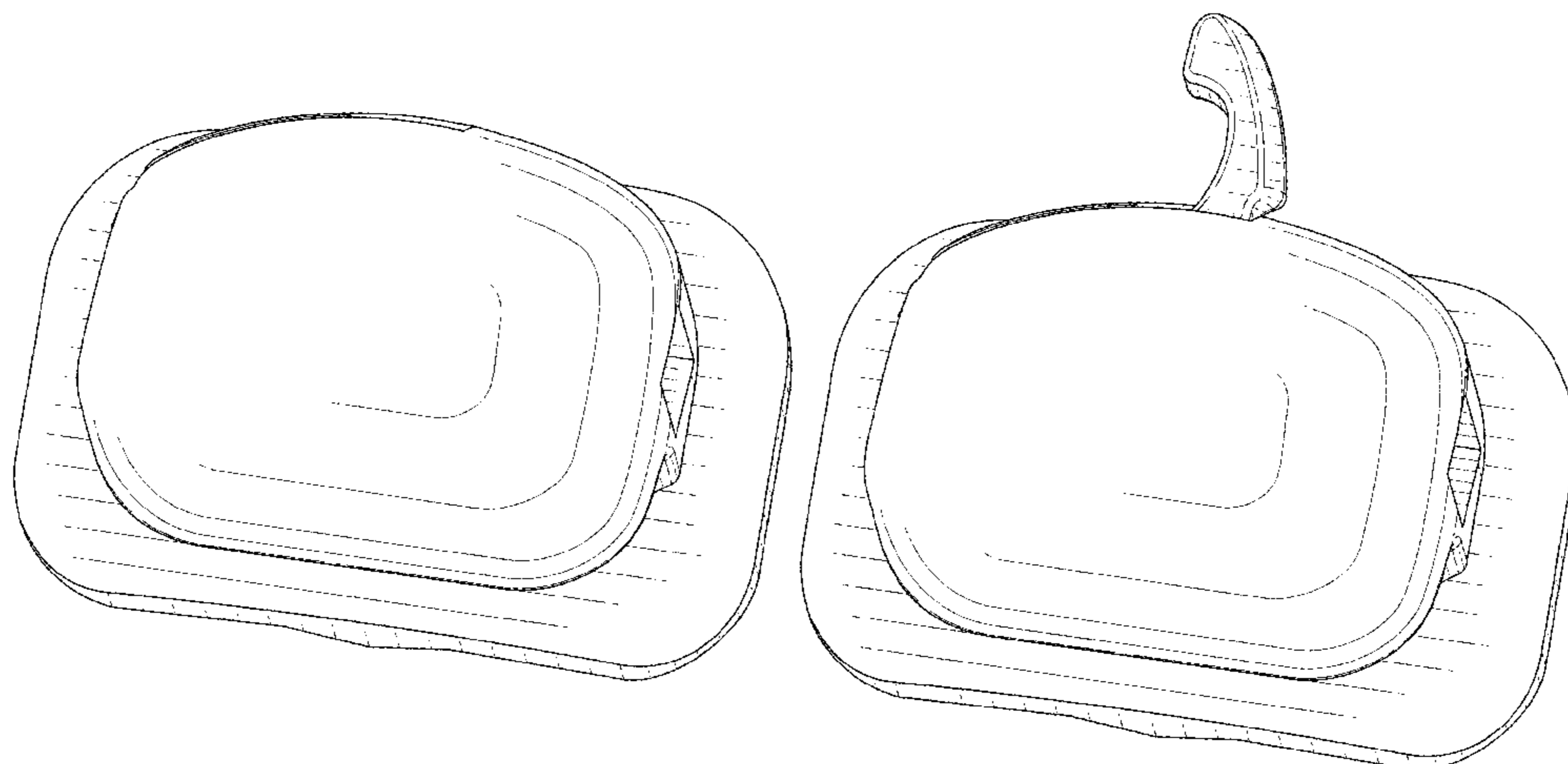
FIG. 13 is a top view the dental buccal tube according to the embodiment of FIG. 1, in the change state; and,

FIG. 14 is a bottom view the dental buccal tube according to the embodiment of FIG. 1, in the change state.

The dental buccal tube may be used for orthodontic treatment, while the concealable traction hook can be stored and unfolded according to the treatment needs.

The broken lines immediately adjacent the shaded areas represent the bounds of the claimed design while all other

(Continued)



broken lines are for the purpose of illustrating portions of the dental buccal tube; the broken lines form no part of the claimed design.

**1 Claim, 6 Drawing Sheets**

(58) **Field of Classification Search**

CPC .. A61C 7/12; A61C 7/14; A61C 7/141; A61C  
7/16; A61C 7/143; A61C 7/28; A61C  
7/282; A61C 7/285; A61C 7/34

See application file for complete search history.

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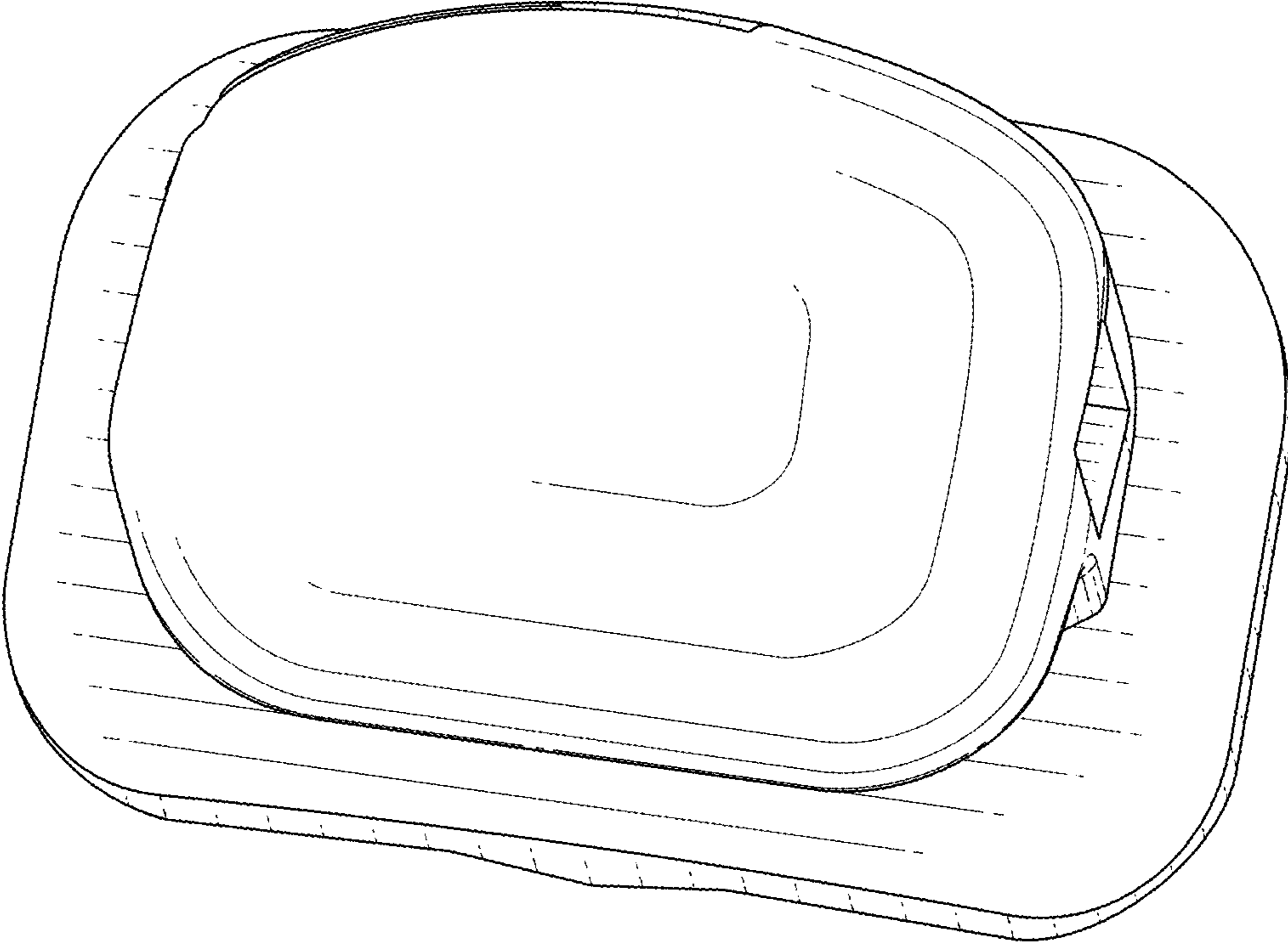


FIG. 1

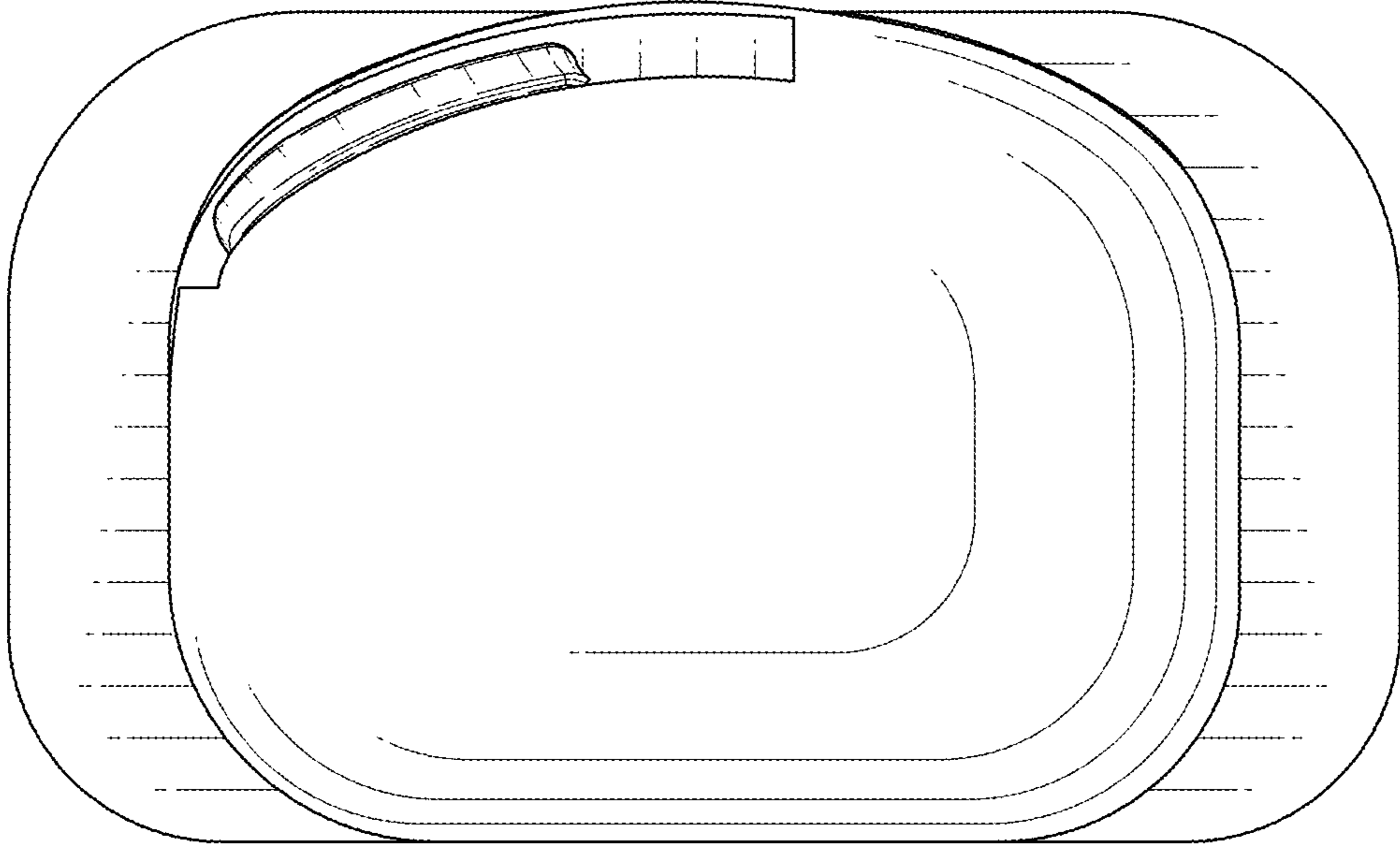


FIG. 2

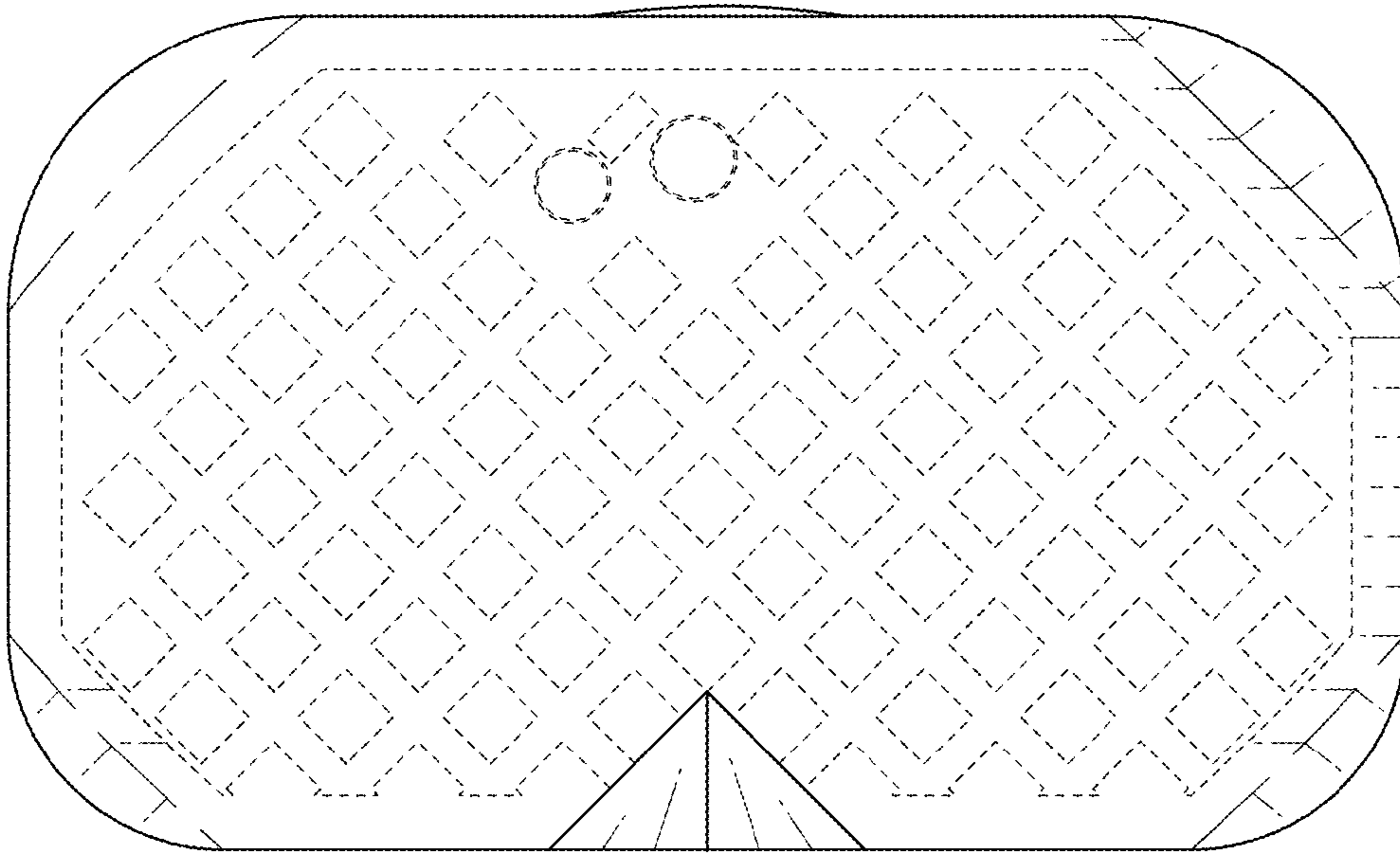


FIG. 3

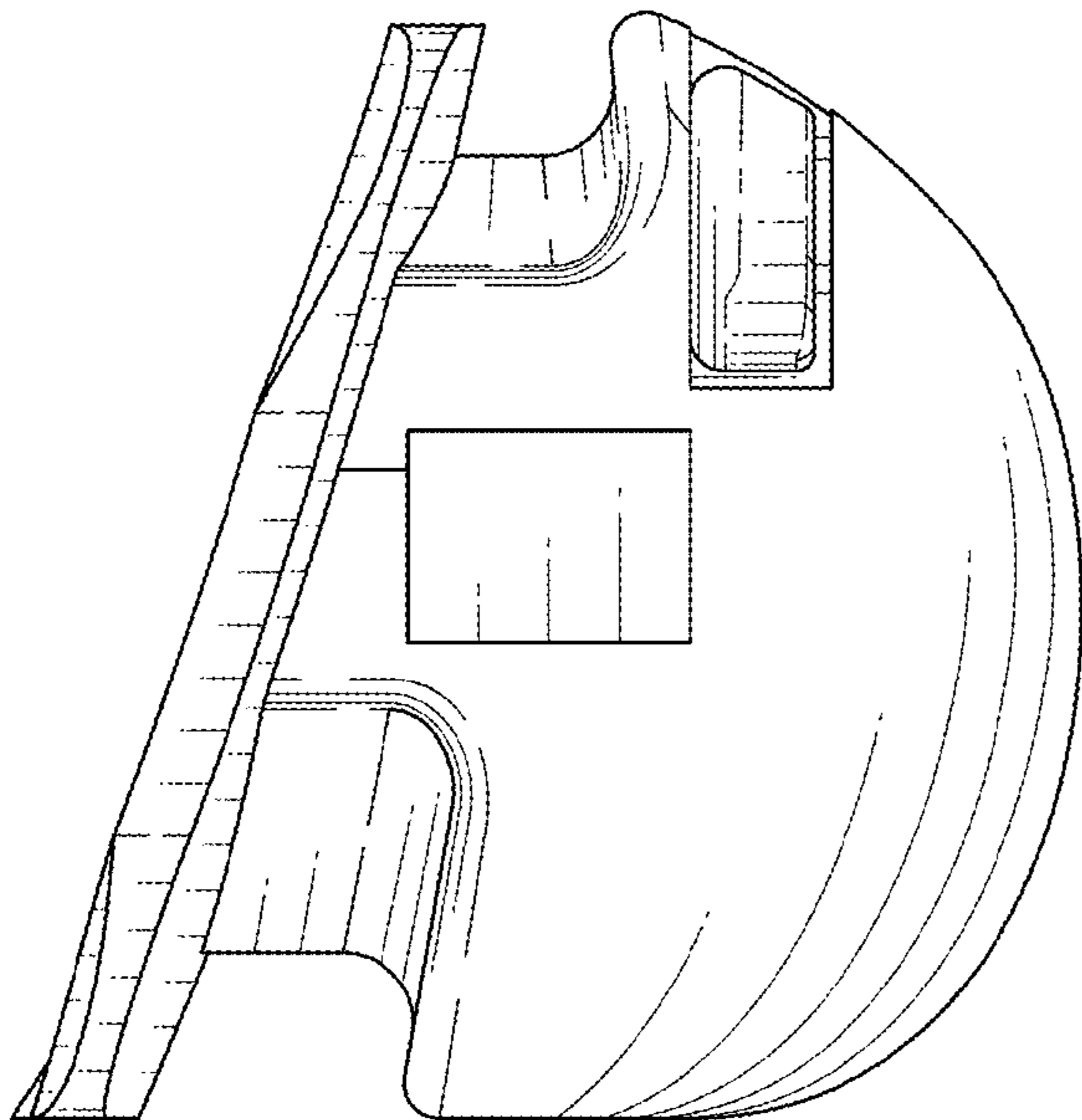


FIG. 4

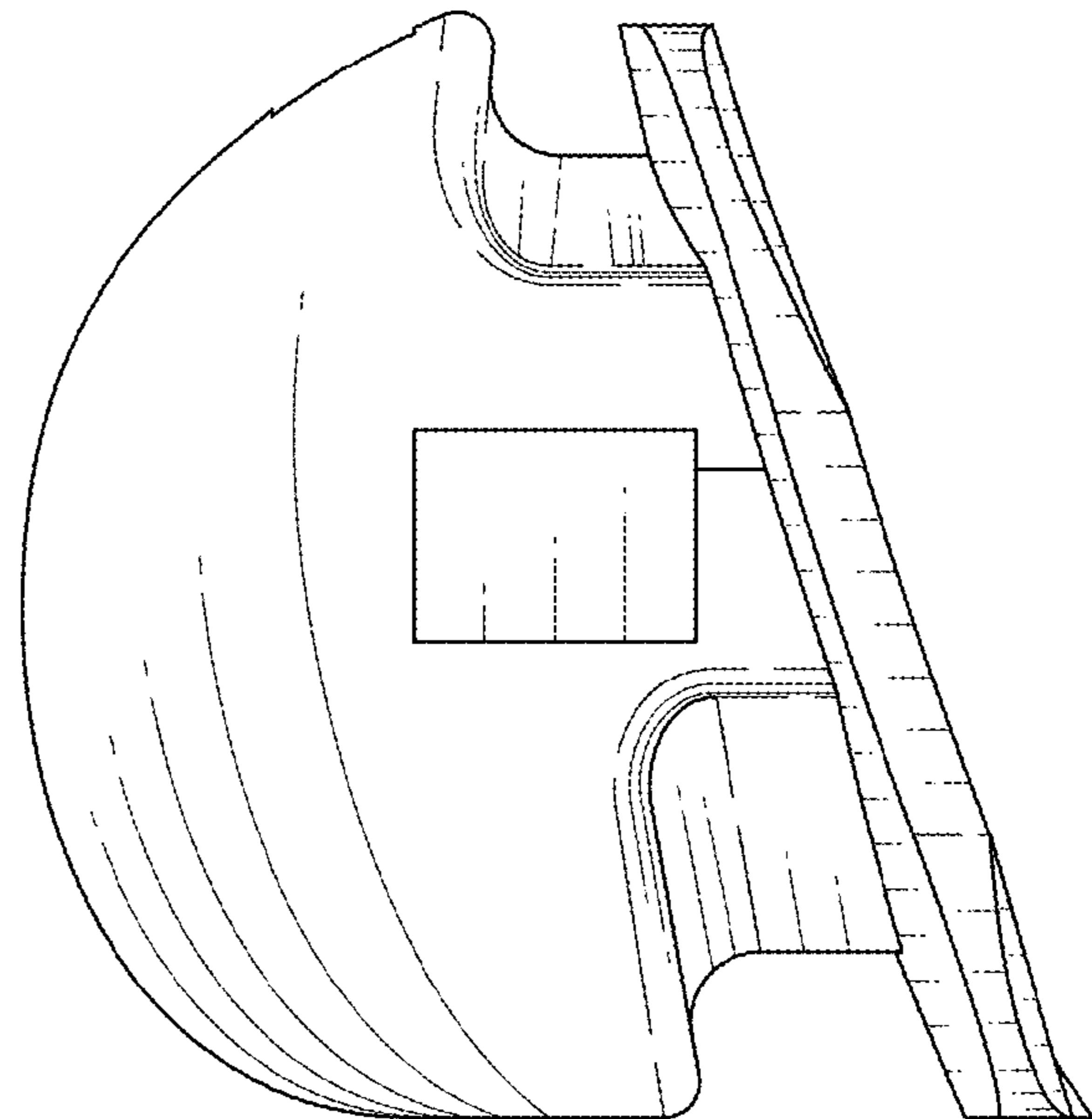


FIG. 5

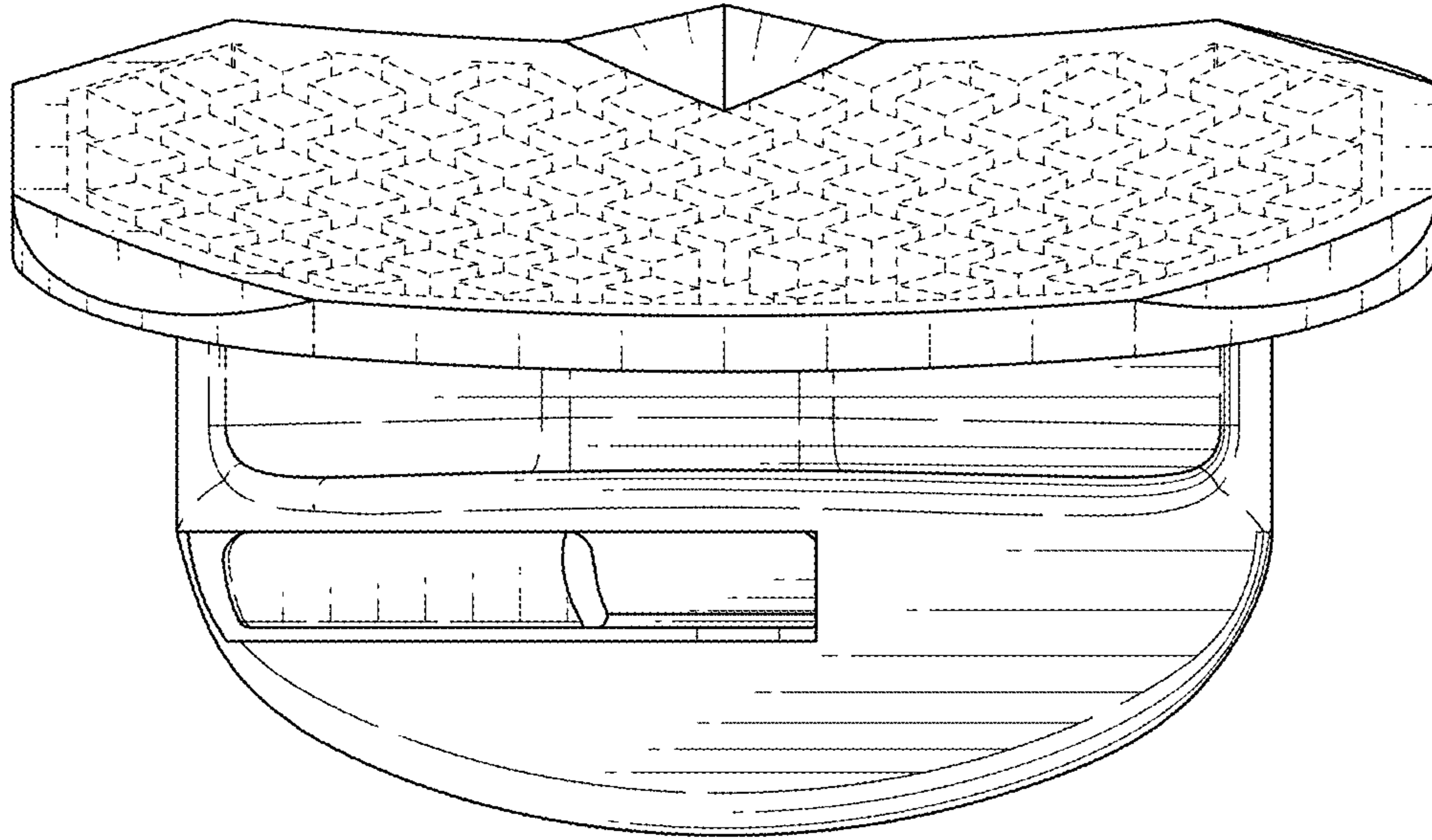


FIG. 6

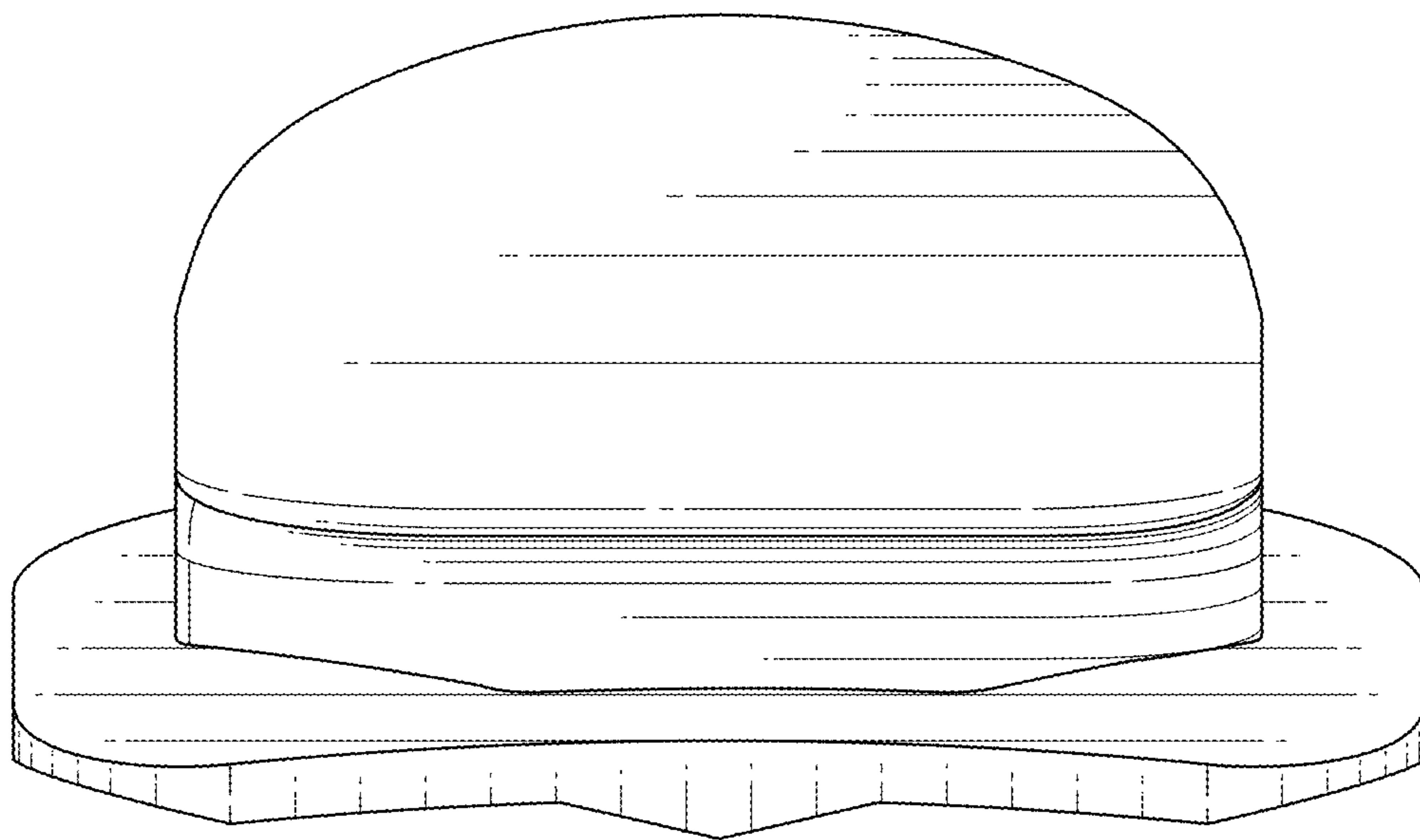


FIG. 7

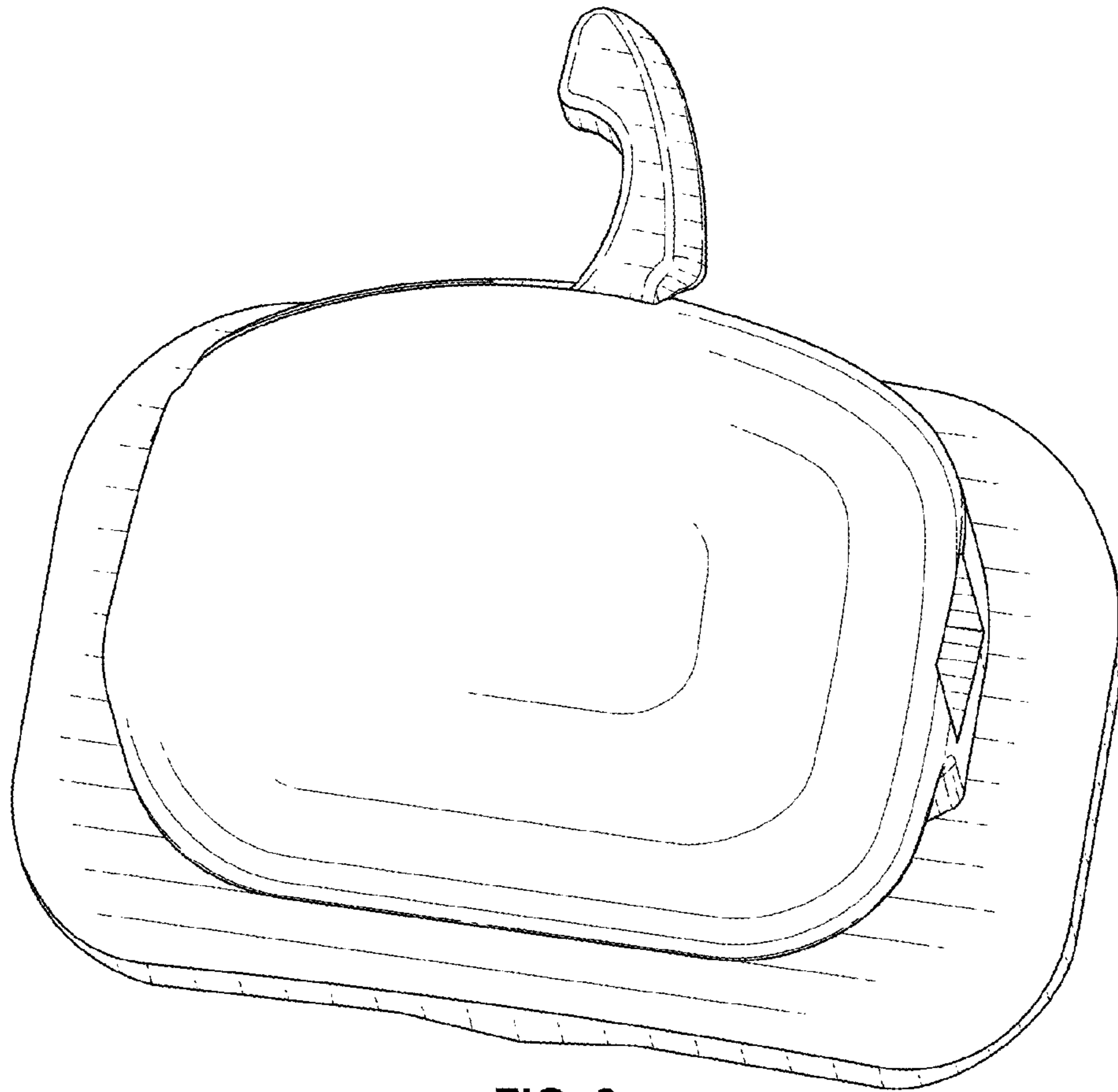


FIG. 8

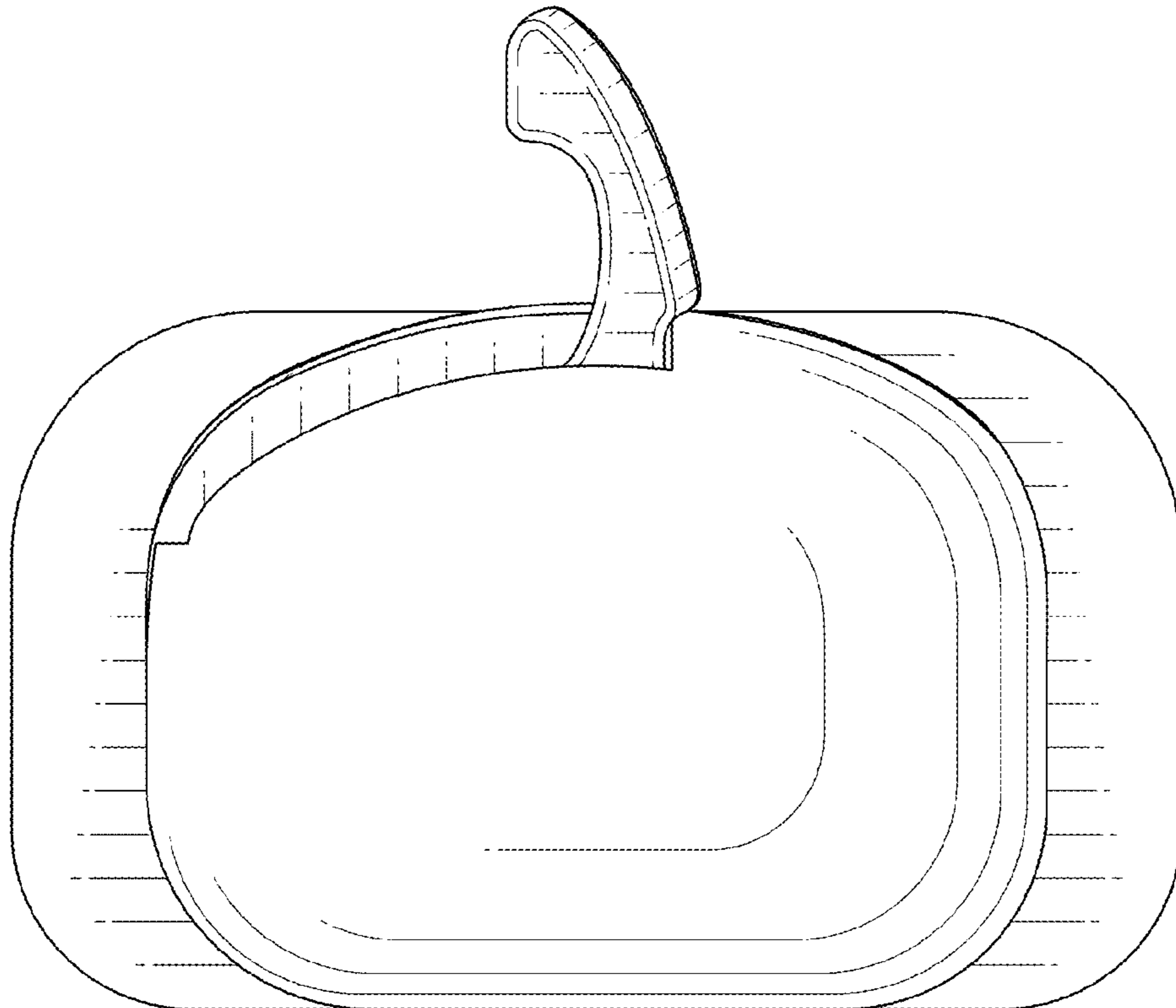


FIG. 9

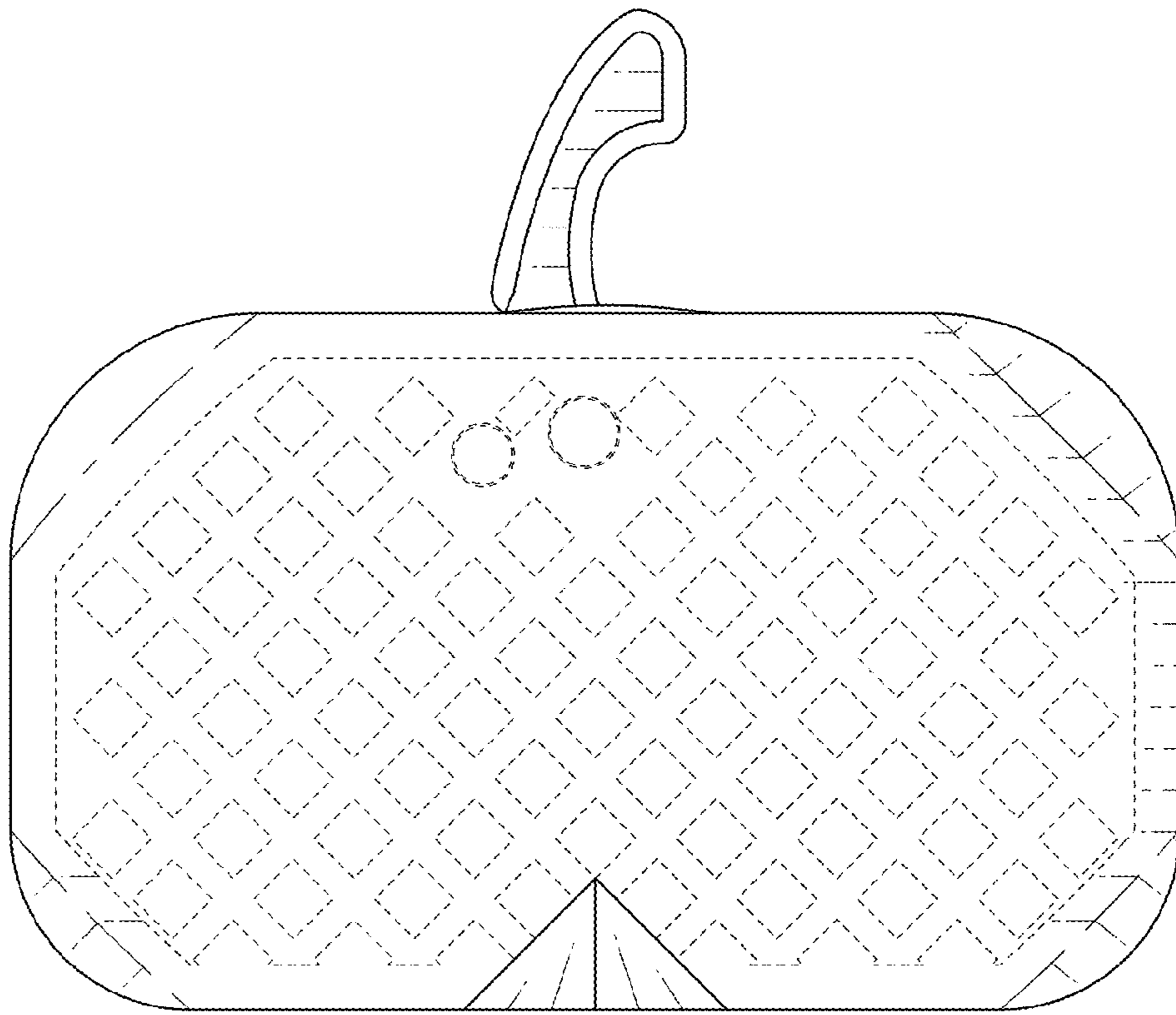


FIG. 10

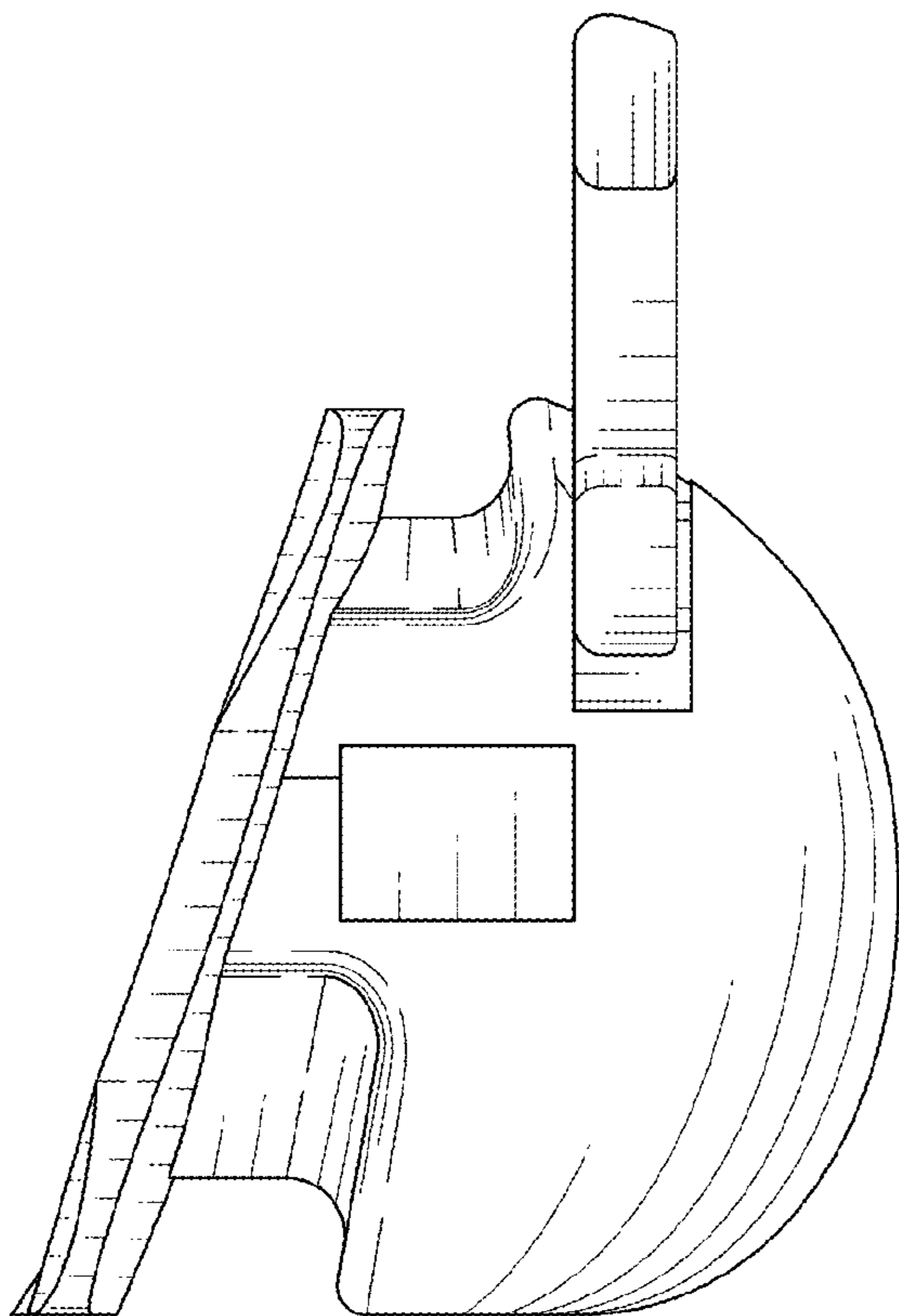


FIG. 11

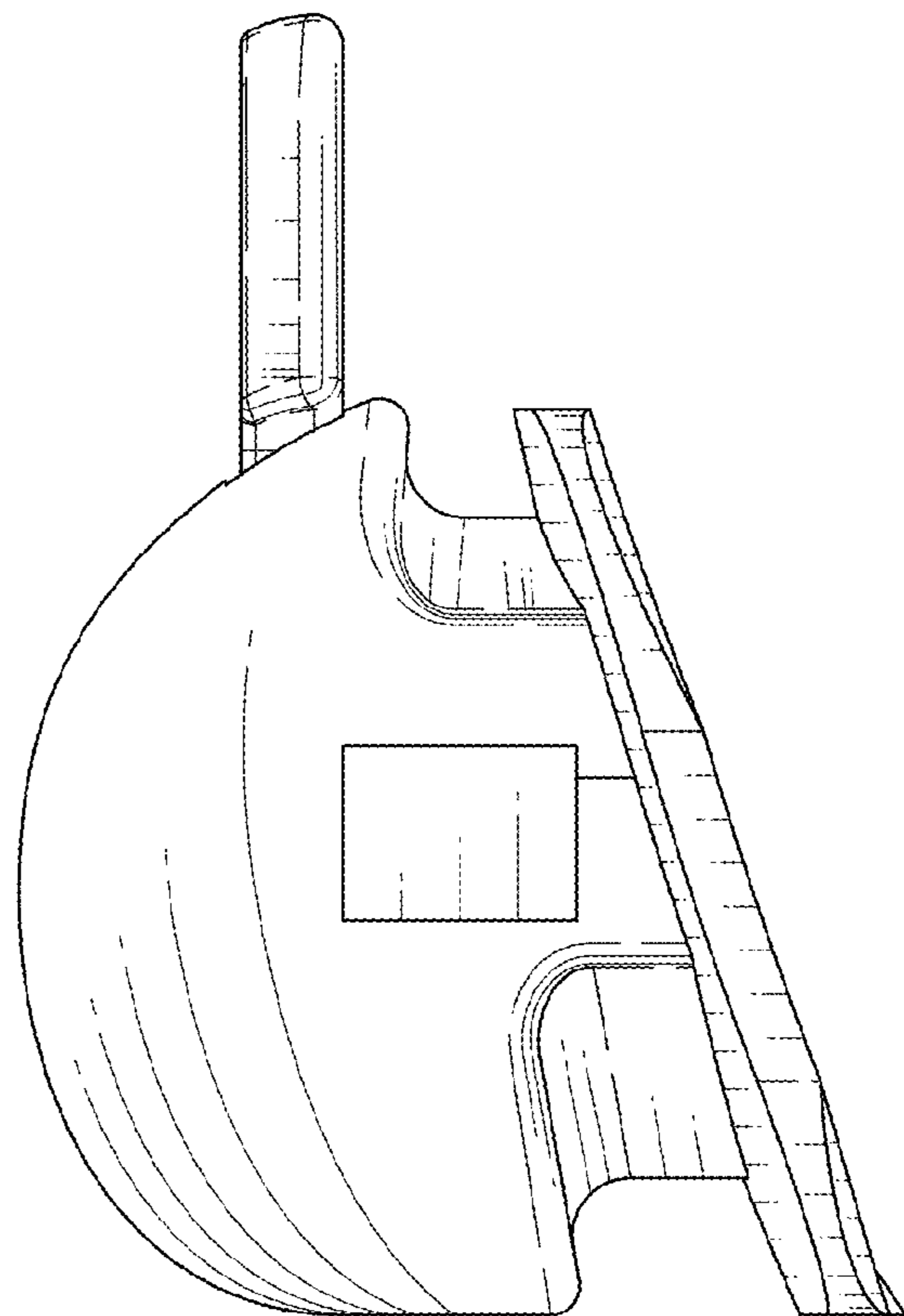


FIG. 12

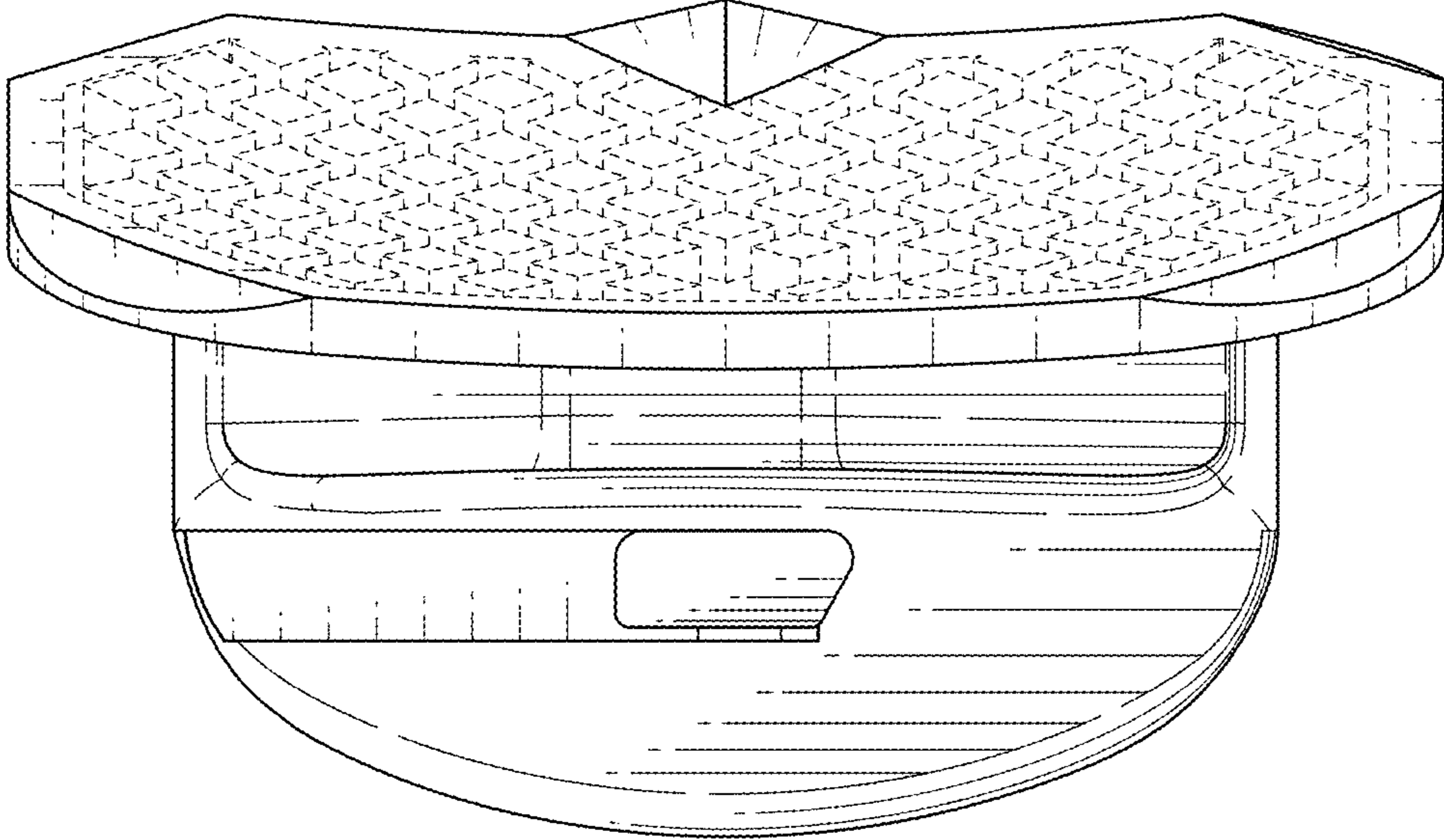


FIG. 13

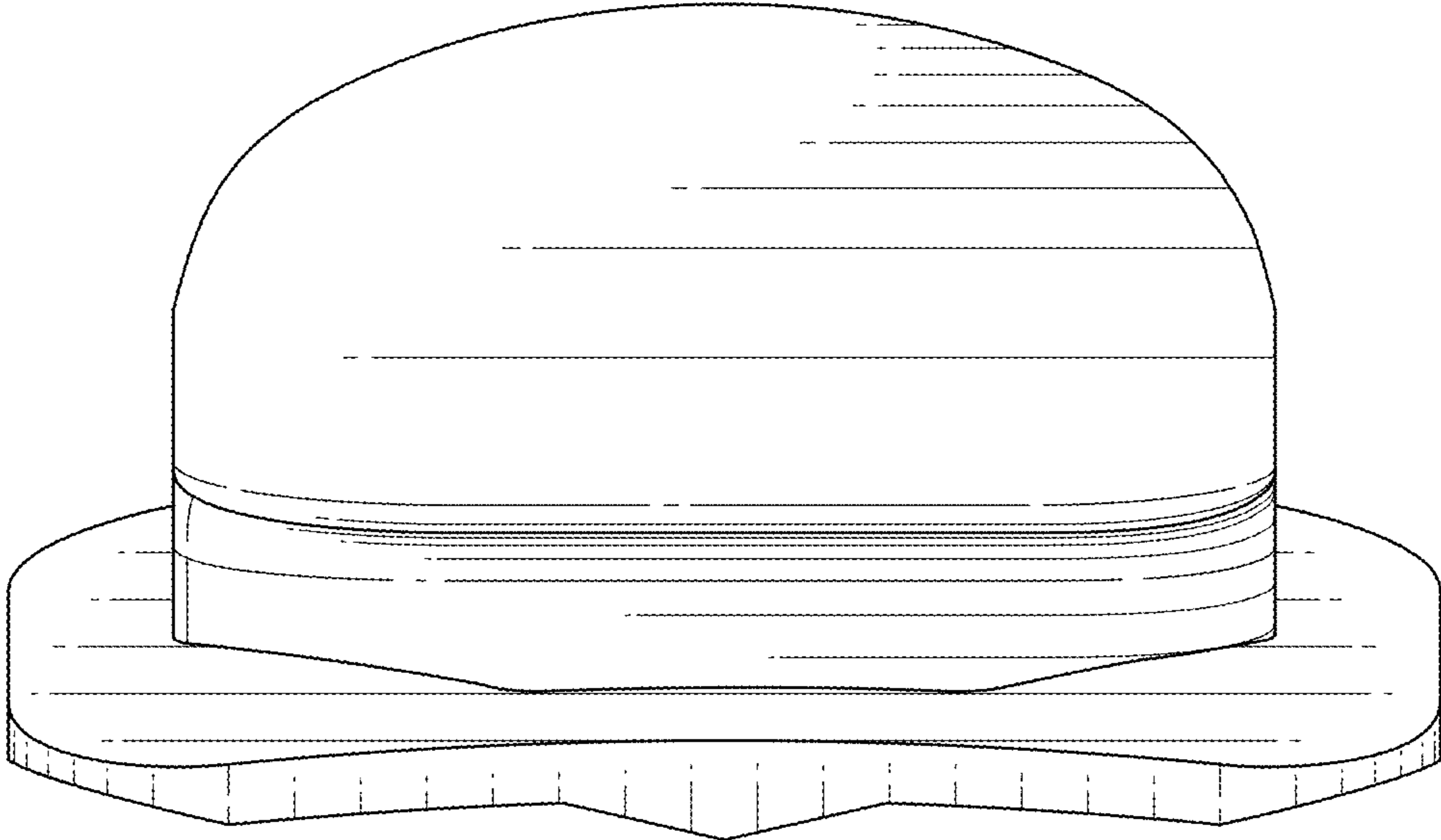


FIG. 14