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

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(45) **Date of Patent:** **\*\* Jul. 30, 2013**

(54) **APPARATUS WITH INTEGRATED SENSOR FOR THE DETERMINATION OF FLUID PROPERTIES**

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

(21) Appl. No.: **29/402,424**

(22) Filed: **Sep. 23, 2011**

(51) **LOC (9) Cl.** ..... **10-04**

(52) **U.S. Cl.**  
USPC ..... **D10/96; D10/81**

(58) **Field of Classification Search**  
USPC ..... D10/46, 81, 96; 73/204.11, 861; 356/128  
See application file for complete search history.

(56) **References Cited**

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(Continued)

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(57) **CLAIM**

The ornamental design for an apparatus with integrated sensor for the determination of fluid properties, as shown and described.

**DESCRIPTION**

FIG. 1 is an isometric view of a first embodiment of the apparatus with integrated sensor for the determination of fluid properties;

FIG. 2 is a top plan view of the apparatus with integrated sensor for the determination of fluid properties of FIG. 1;

FIG. 3 is a front elevation view of the apparatus with integrated sensor for the determination of fluid properties of FIG. 1;

FIG. 4 is a rear elevation view of the apparatus with integrated sensor for the determination of fluid properties of FIG. 1;

FIG. 5 is a left side elevation view of the apparatus with integrated sensor for the determination of fluid properties of FIG. 1;

FIG. 6 is a right side elevation view of the apparatus with integrated sensor for the determination of fluid properties of FIG. 1;

FIG. 7 is an isometric view of a second embodiment of the apparatus with integrated sensor for the determination of fluid properties;

FIG. 8 is a top plan view of the apparatus with integrated sensor for the determination of fluid properties of FIG. 7;

FIG. 9 is a front elevation view of the apparatus with integrated sensor for the determination of fluid properties of FIG. 7;

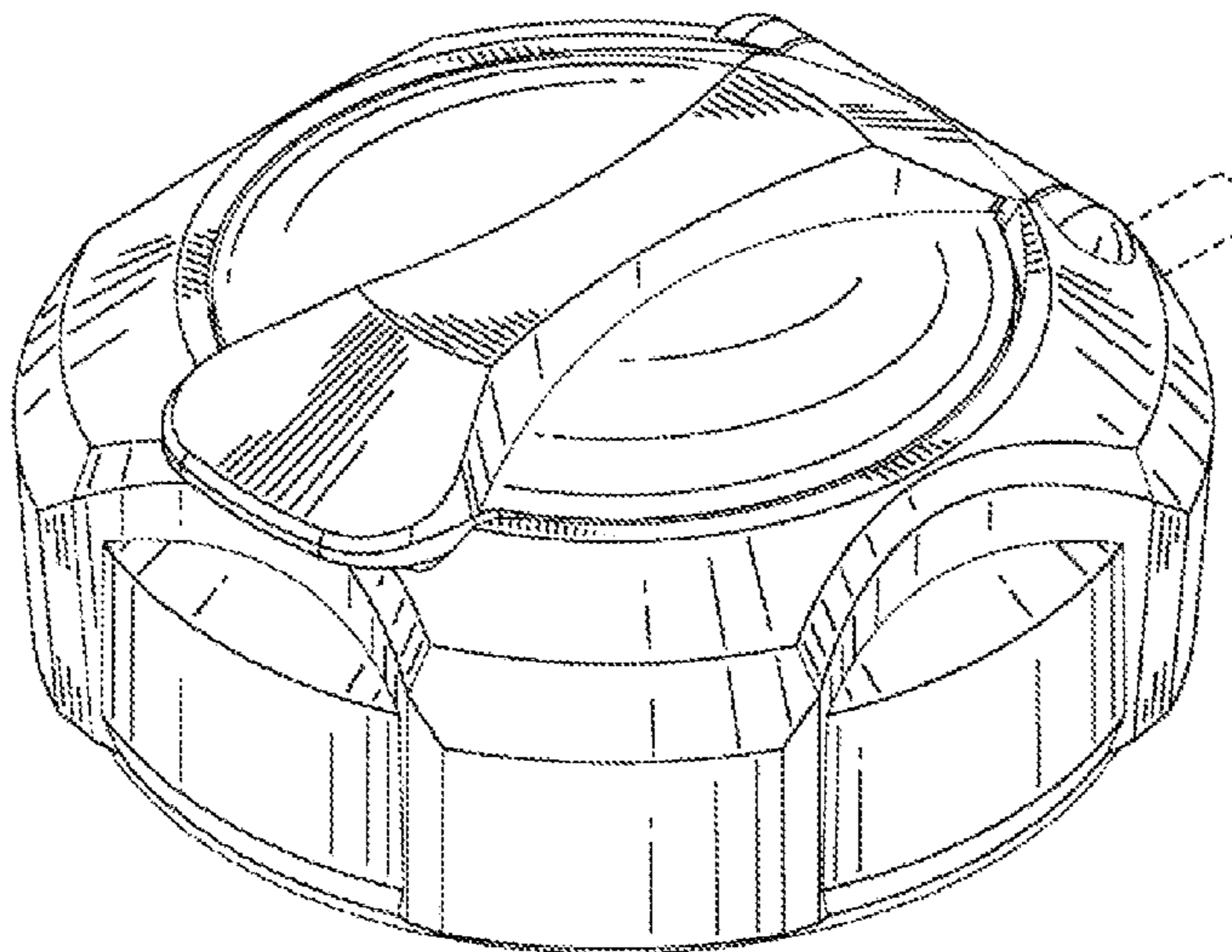
FIG. 10 is a rear elevation view of the apparatus with integrated sensor for the determination of fluid properties of FIG. 7;

FIG. 11 is a left side elevation view of the apparatus with integrated sensor for the determination of fluid properties of FIG. 7; and,

FIG. 12 is a right side elevation view of the apparatus with integrated sensor for the determination of fluid properties of FIG. 7.

The phantom lines and areas shown in the figures are for illustrative purposes only and form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



OTHER PUBLICATIONS

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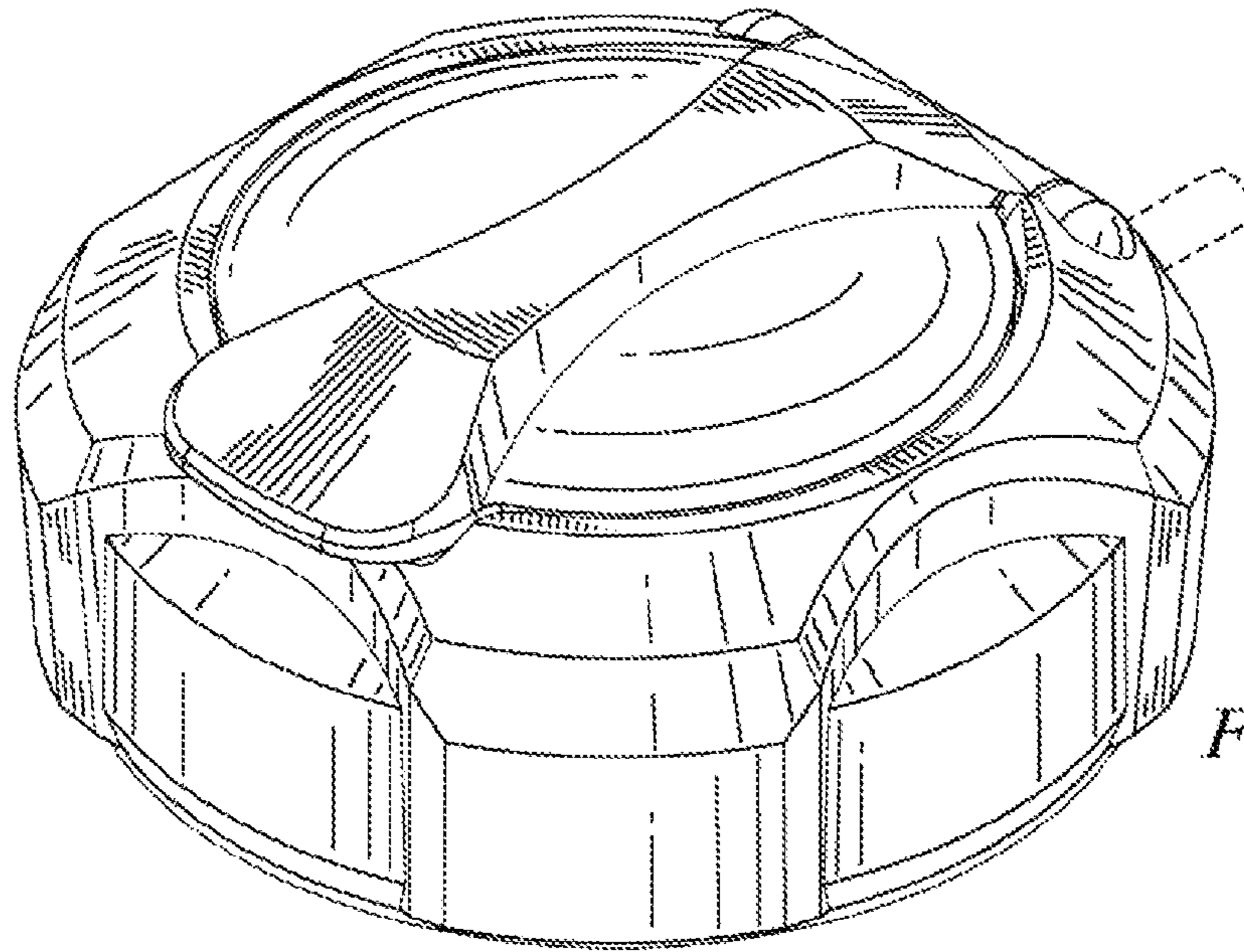


FIG. 1

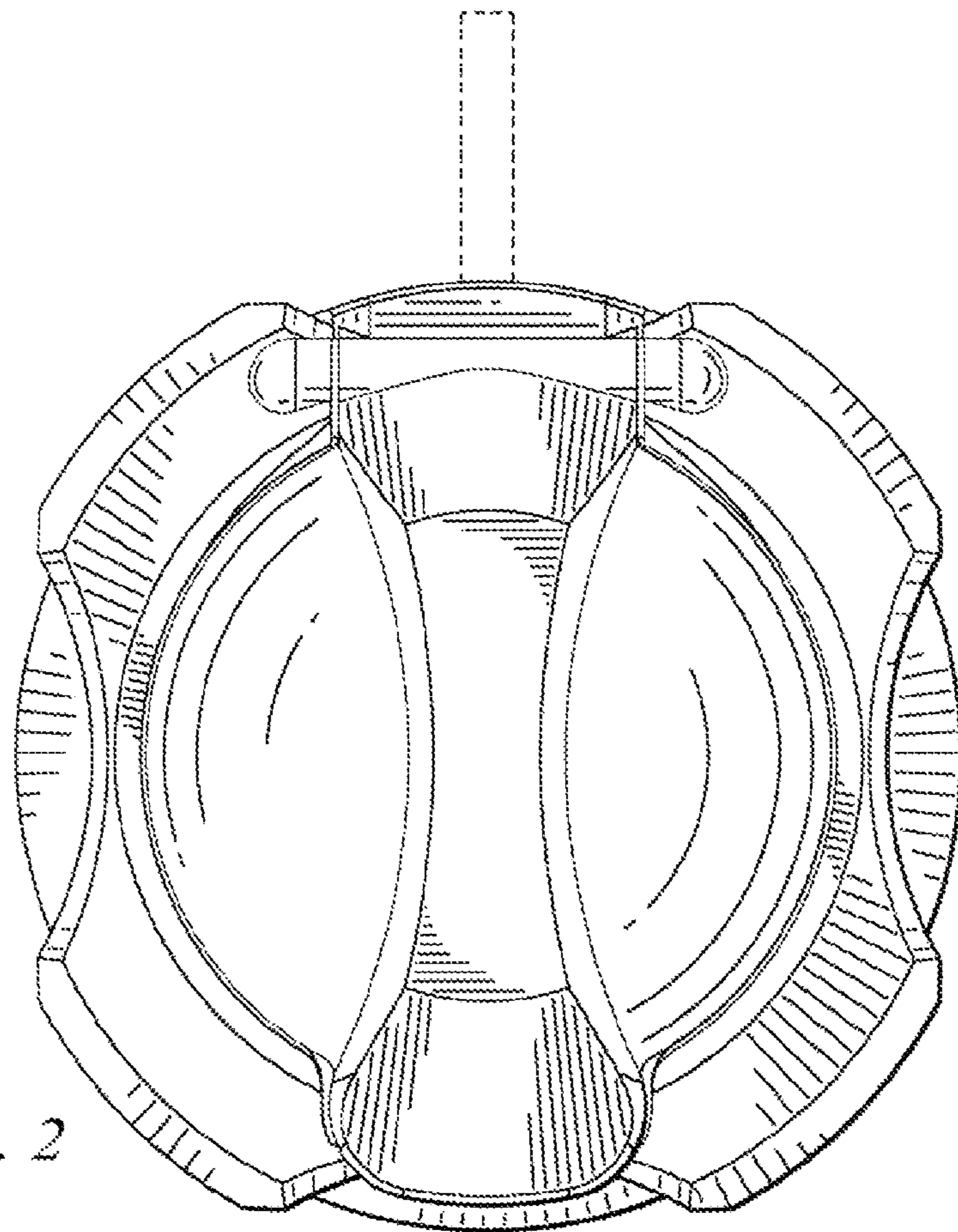


FIG. 2

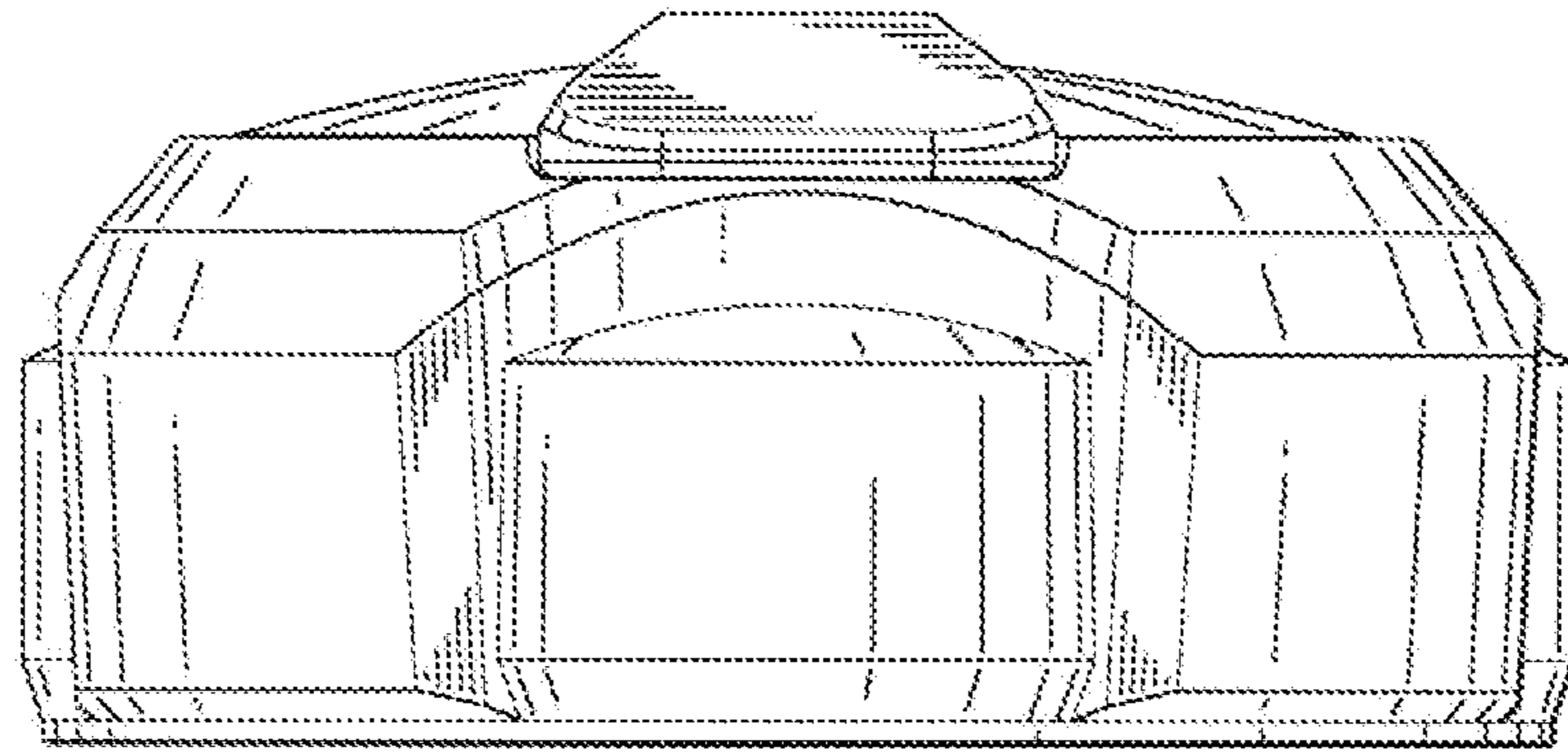


FIG. 3

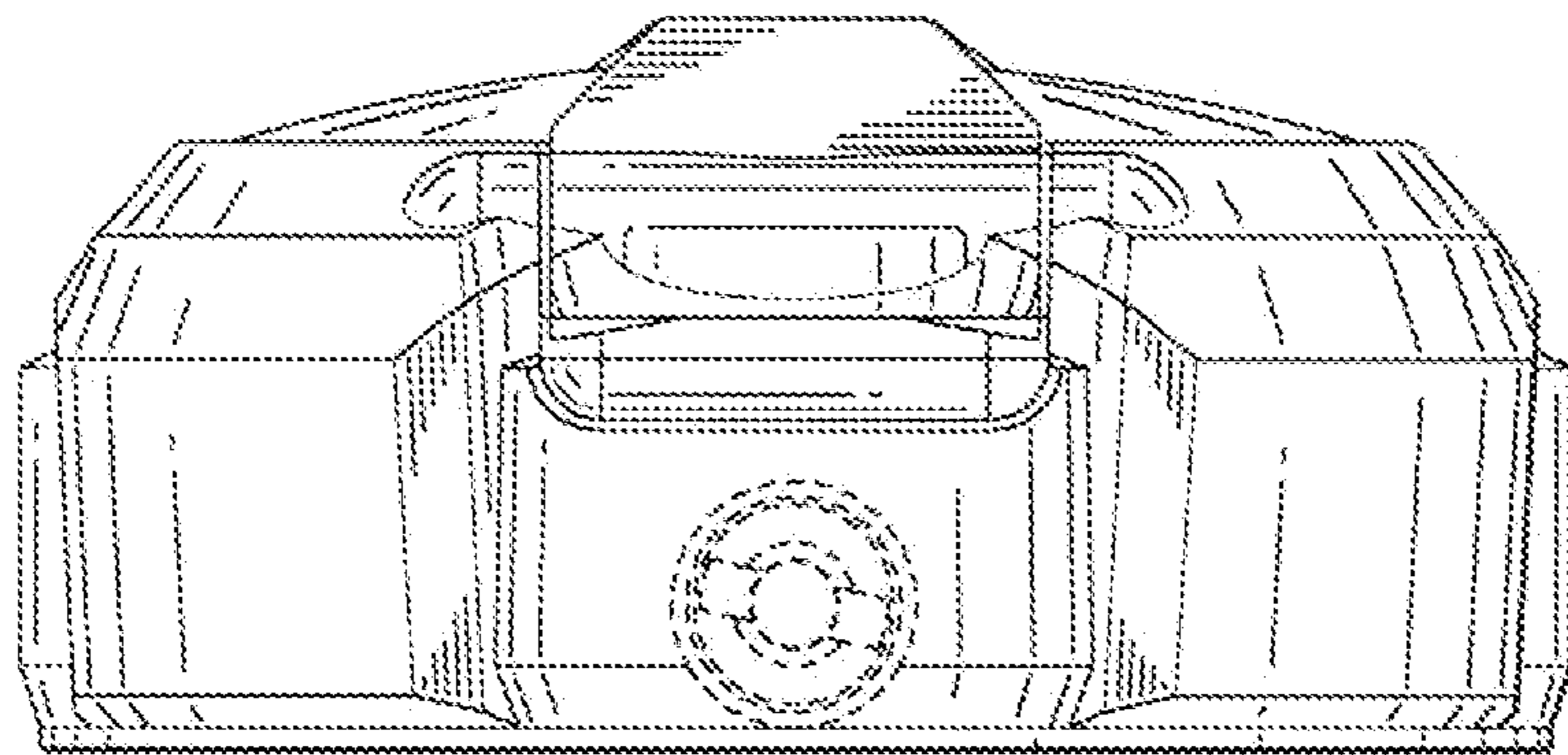


FIG. 4

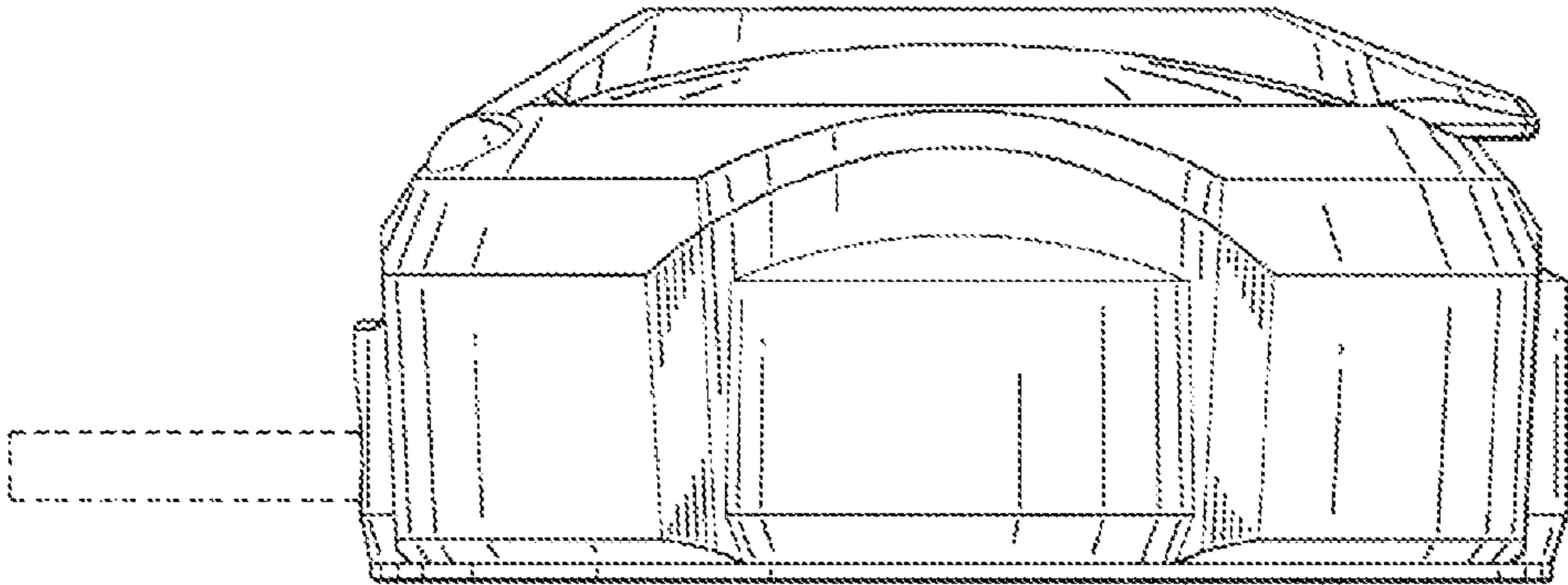


FIG. 5

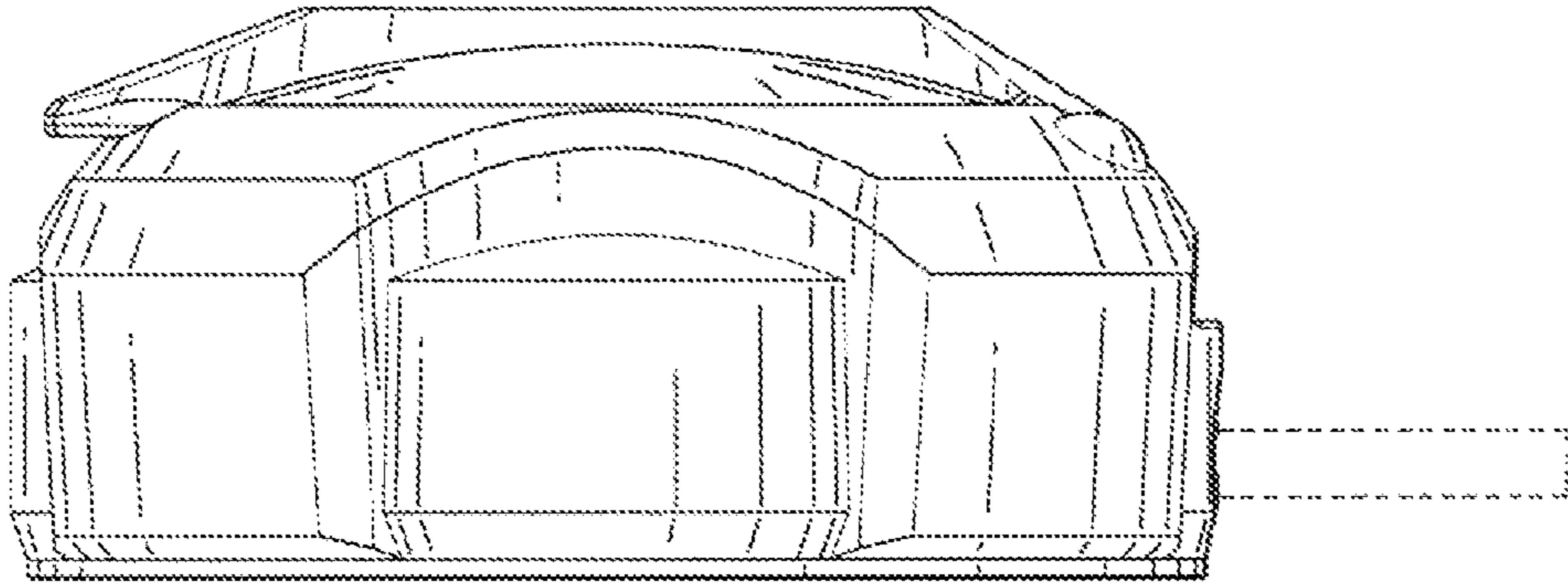


FIG. 6

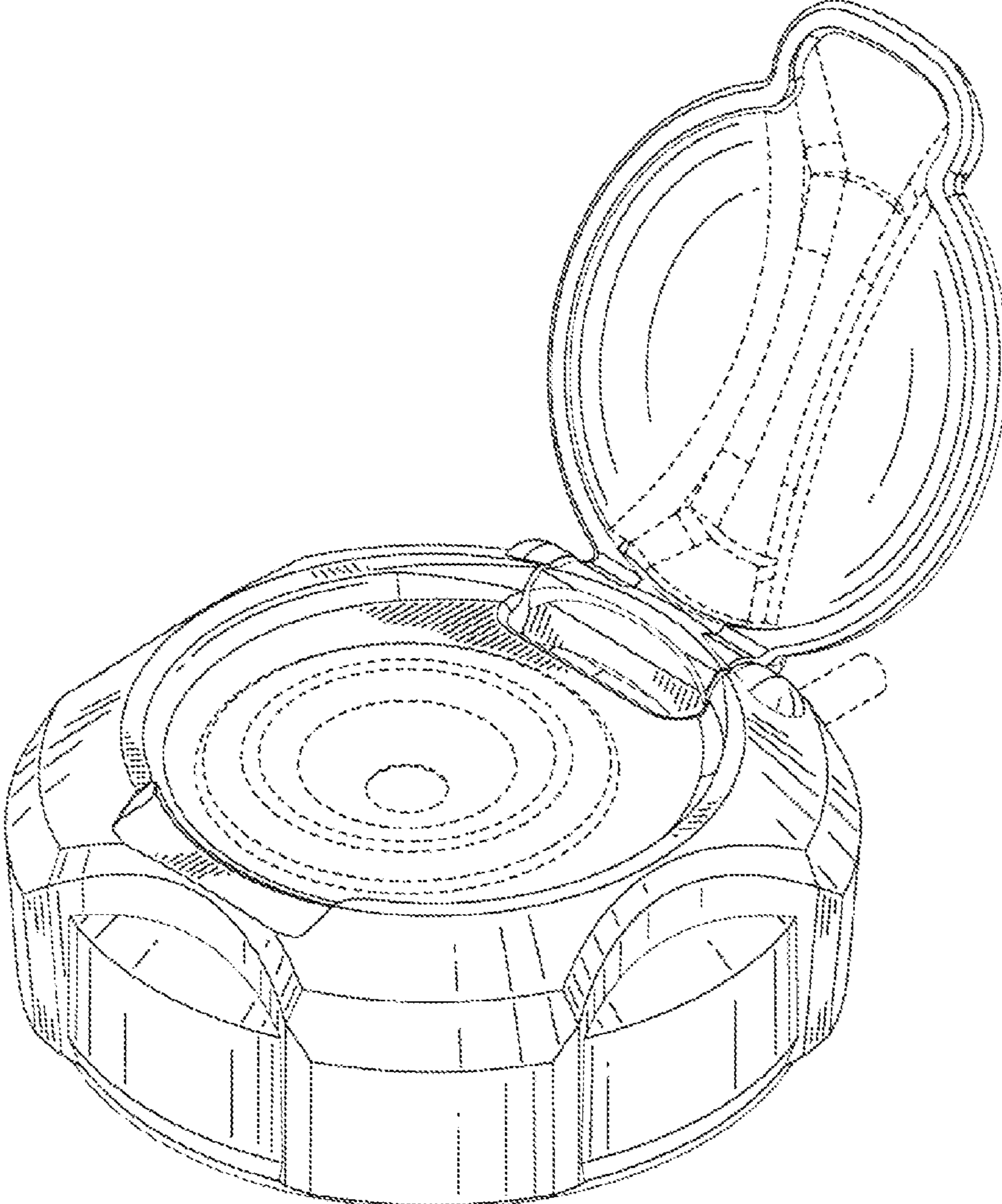


FIG. 7

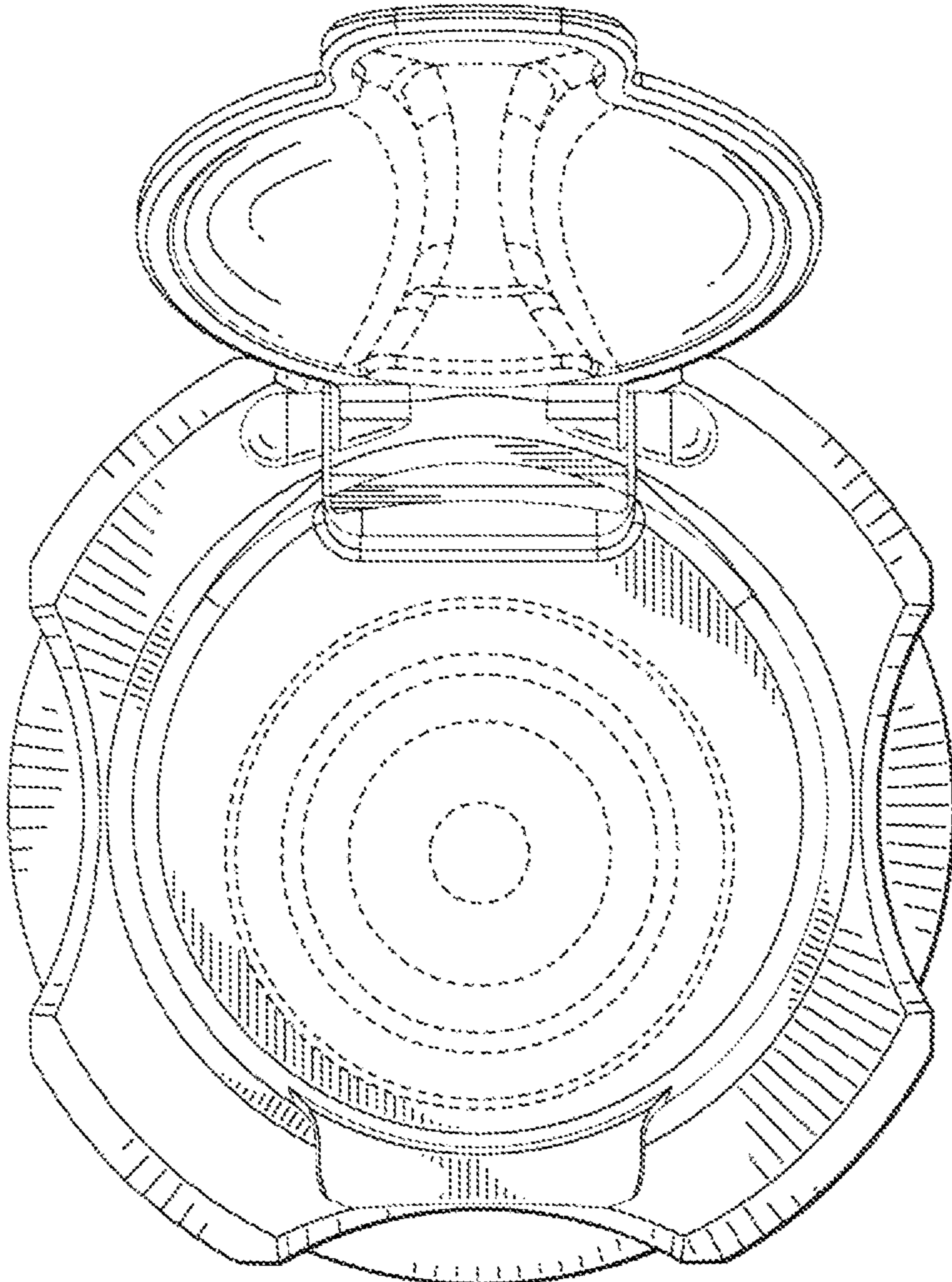


FIG. 8

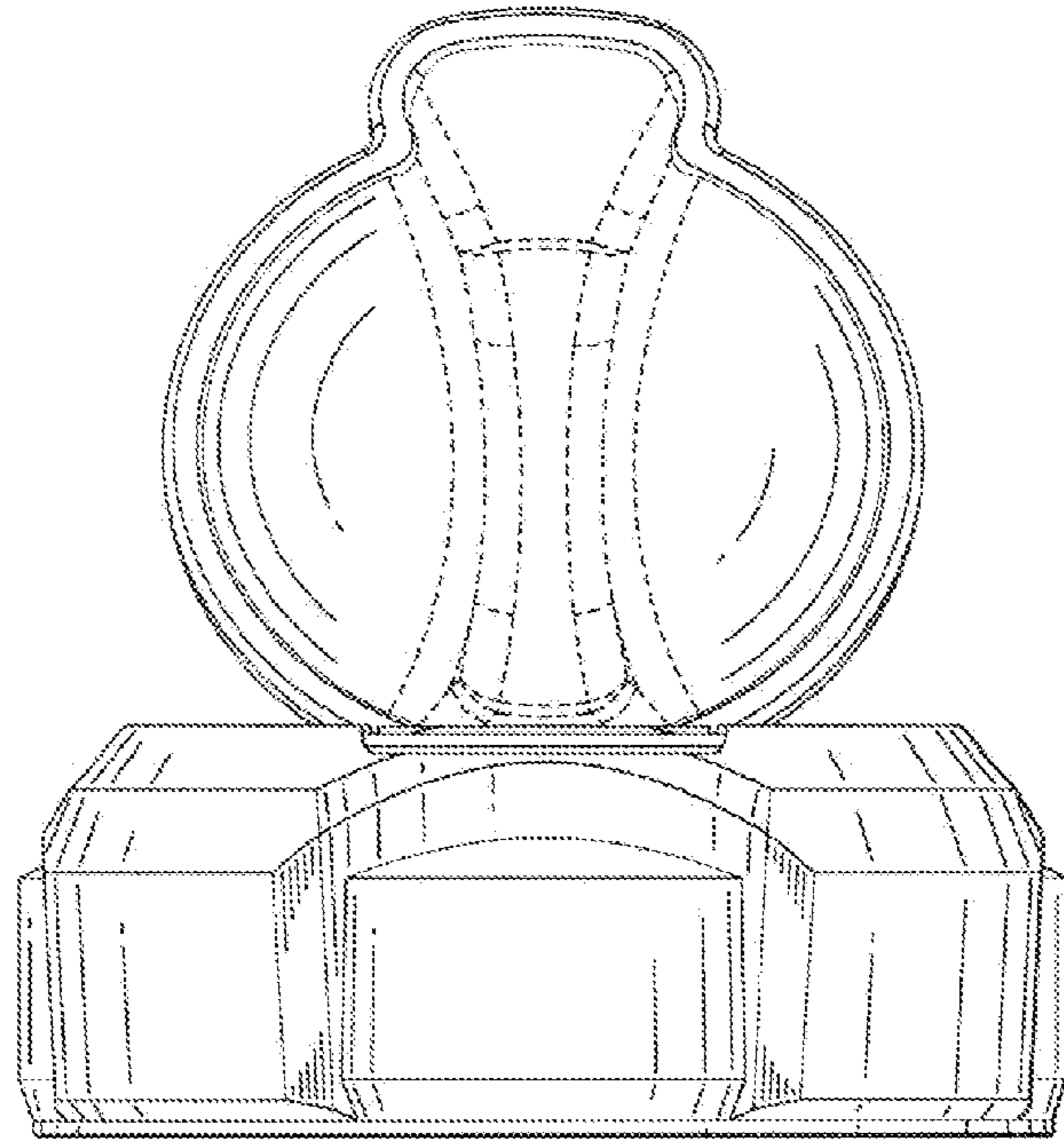


FIG. 9

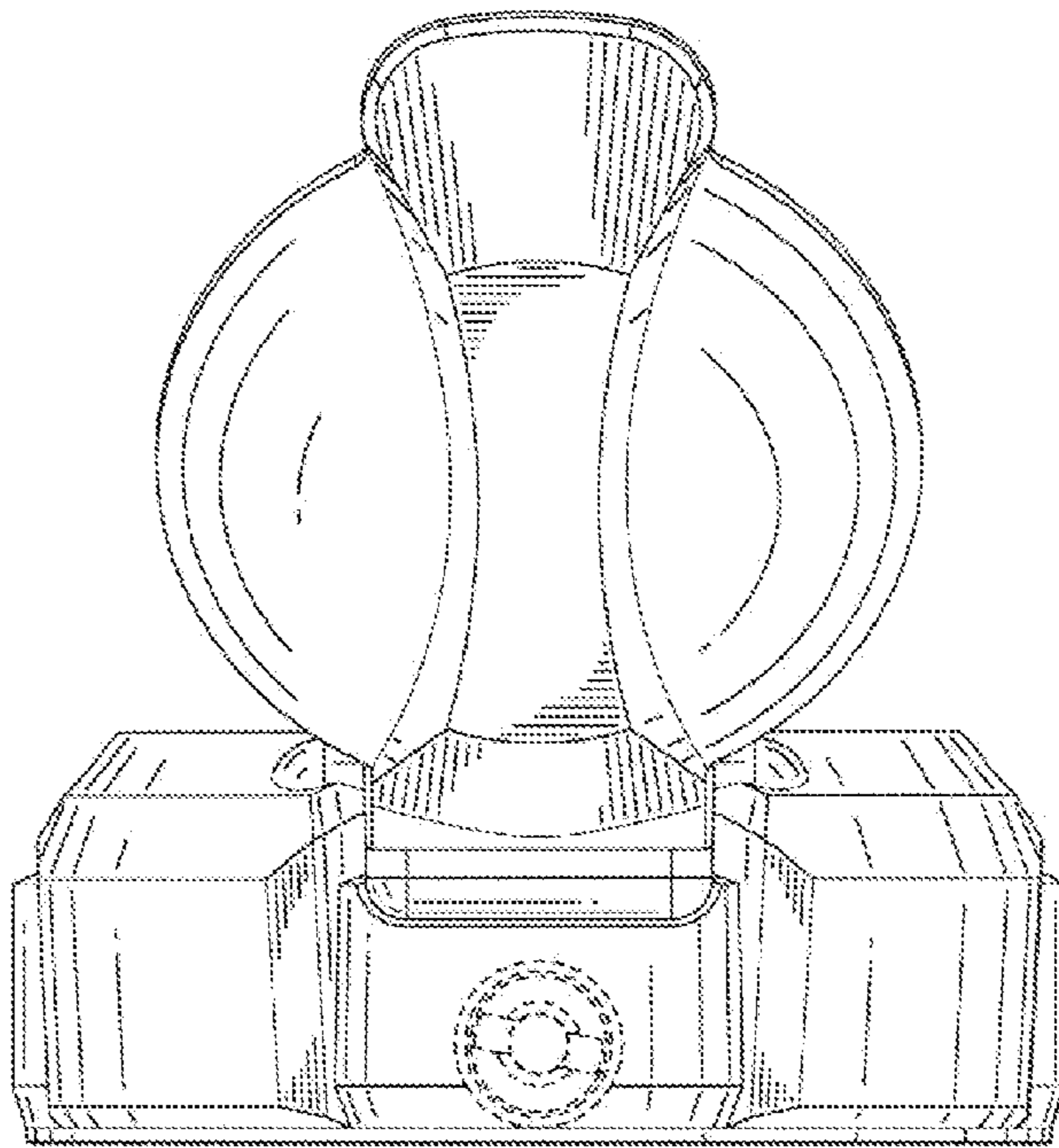


FIG. 10



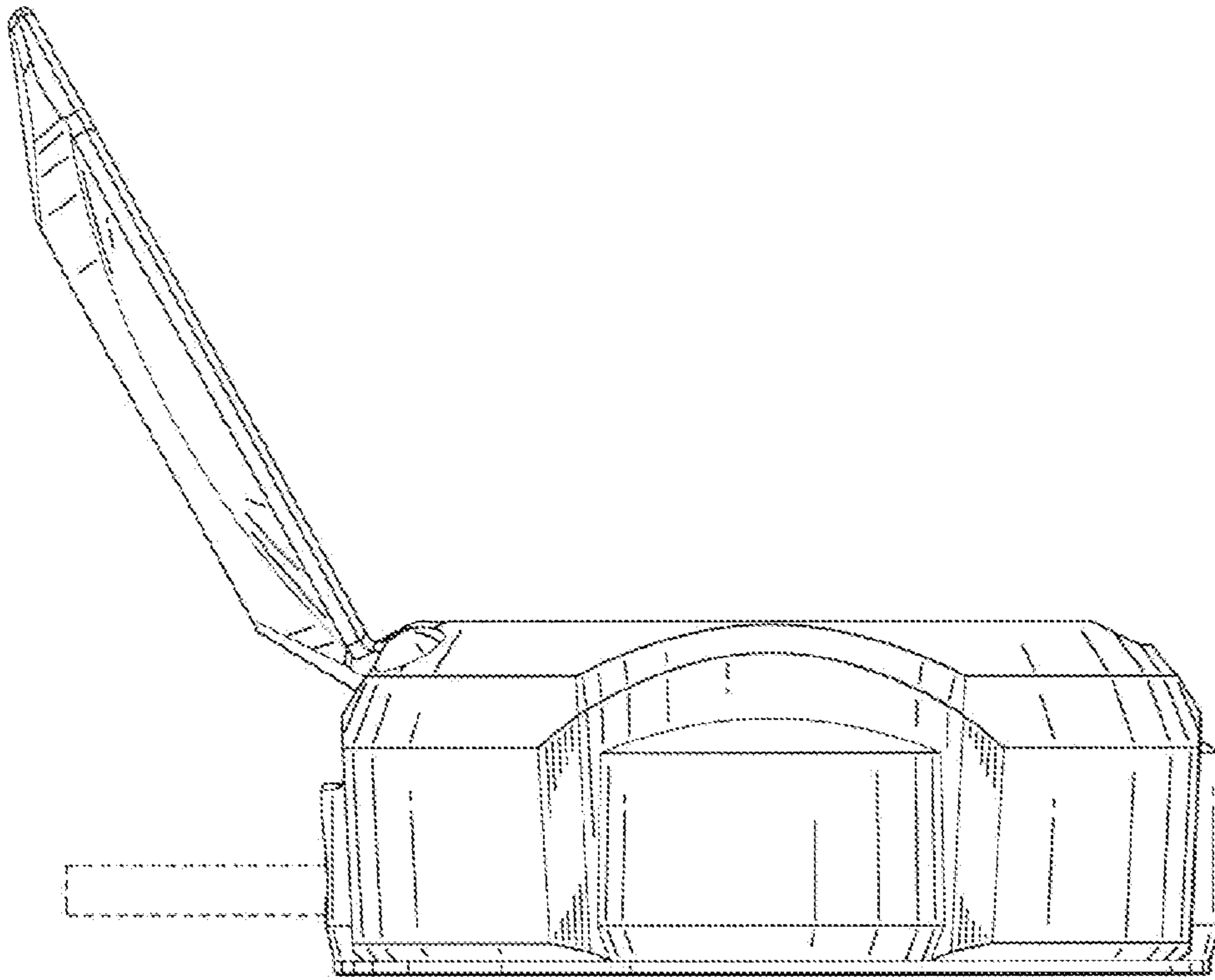


FIG. 11

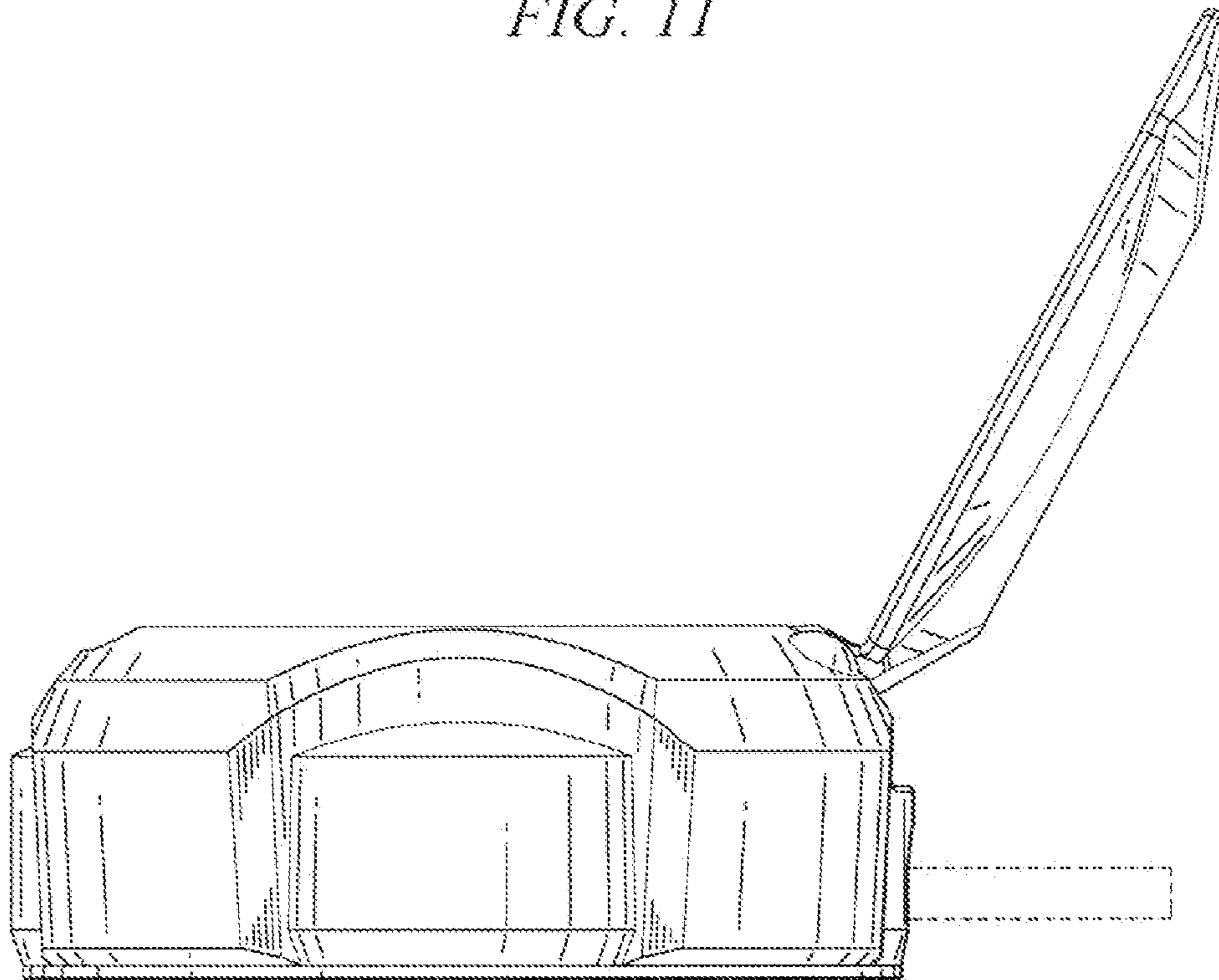


FIG. 12