



US00D801605S

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

(10) **Patent No.:** **US D801,605 S**

(45) **Date of Patent:** **\*\* Oct. 31, 2017**

(54) **CLEANER**

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

(21) Appl. No.: **29/541,237**

(22) Filed: **Oct. 1, 2015**

(30) **Foreign Application Priority Data**

Apr. 1, 2015 (KR) ..... 30-2015-0016618

(51) **LOC (10) Cl.** ..... **15-05**

(52) **U.S. Cl.**  
USPC ..... **D32/21**

(58) **Field of Classification Search**

USPC ..... D32/21-23, 31, 34  
CPC ..... G06N 3/008; A47L 9/2857; A47L 9/2842;  
A47L 9/2852; A47L 9/00; A47L 9/325;  
A47L 5/36-5/367; A47L 7/0019; A47L  
7/0004; A47L 11/34; A47L 11/29; A47L  
11/30; E04H 4/1654

See application file for complete search history.

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(Continued)

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(57) **CLAIM**

The ornamental design for a cleaner, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a cleaner, showing our new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a side view thereof;

FIG. 5 is another side view thereof;

FIG. 6 is a top view thereof;

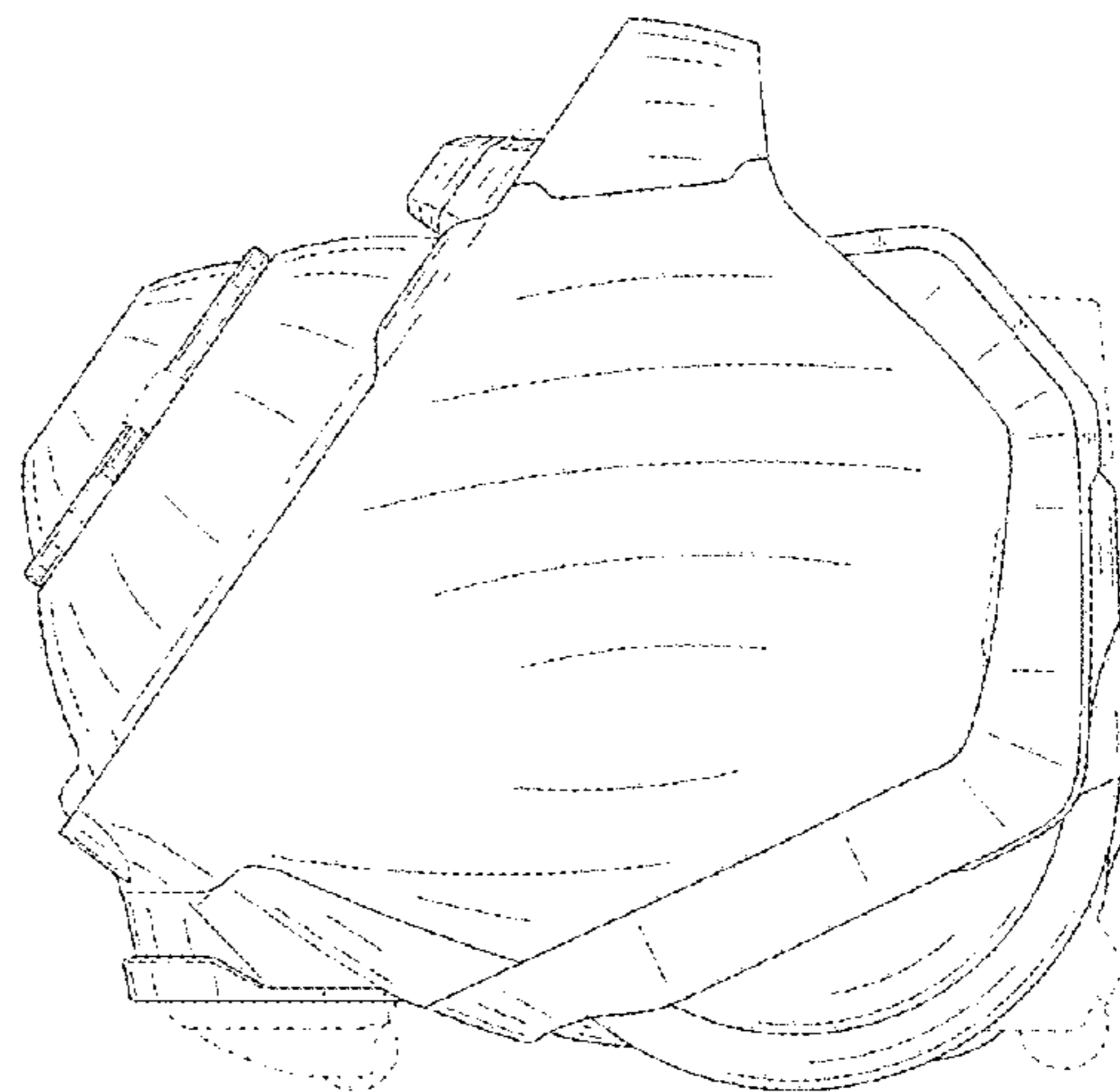
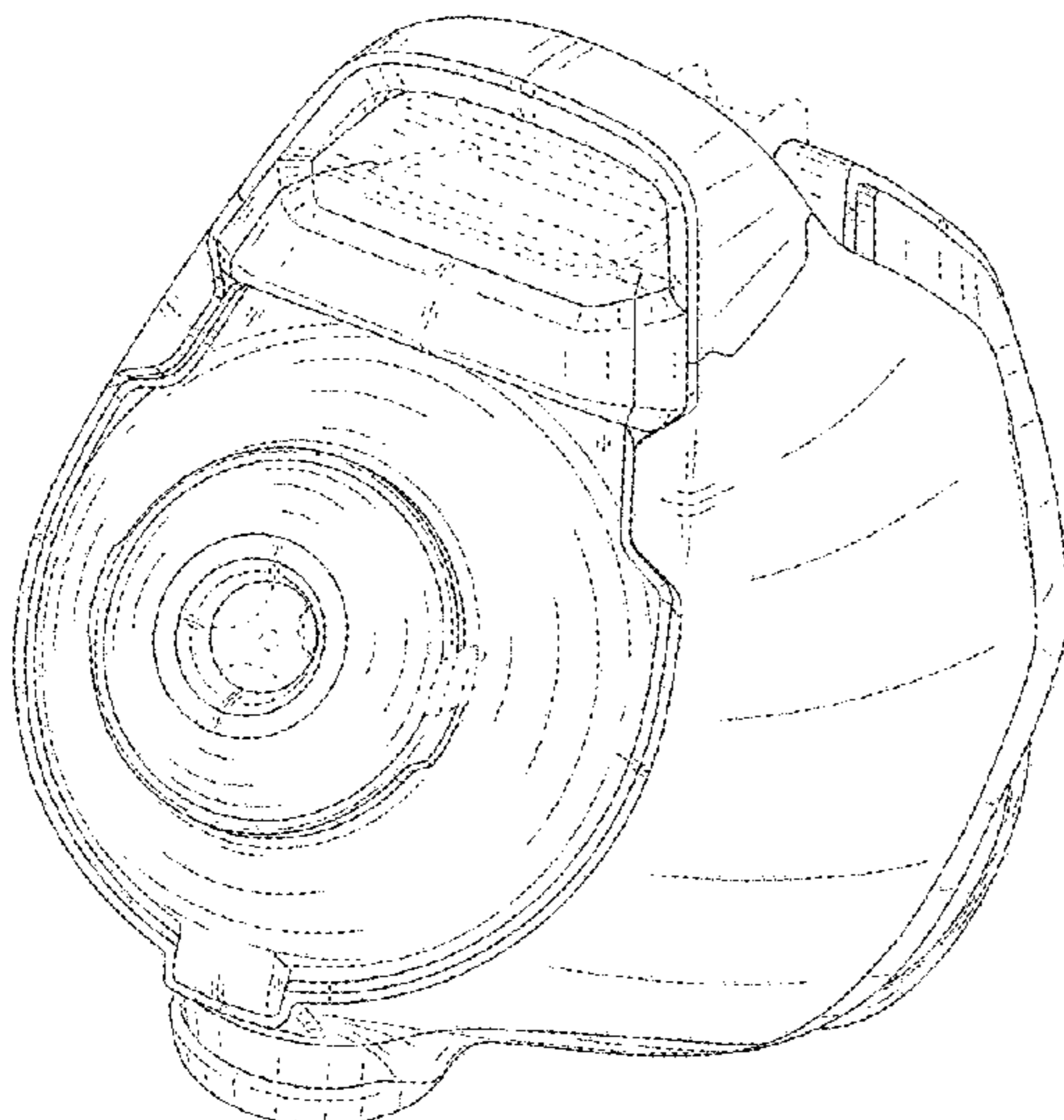
FIG. 7 is a bottom view thereof;

FIG. 8 is a bottom perspective view thereof; and,

FIG. 9 is a rear perspective view thereof.

The broken lines illustrating portions of the cleaner form no part of the claimed design.

**1 Claim, 9 Drawing Sheets**



(56)

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FIG. 1

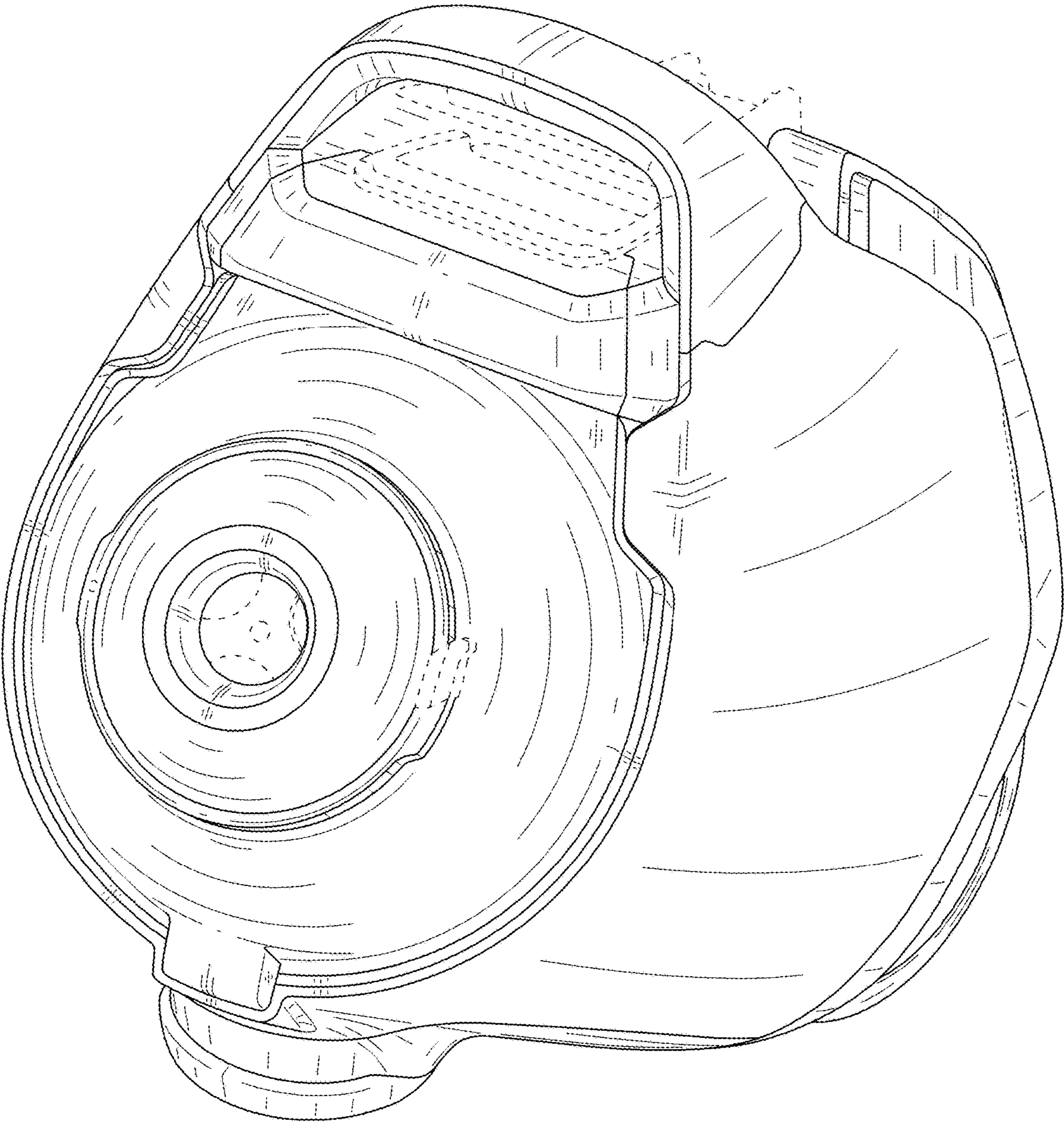


FIG. 2

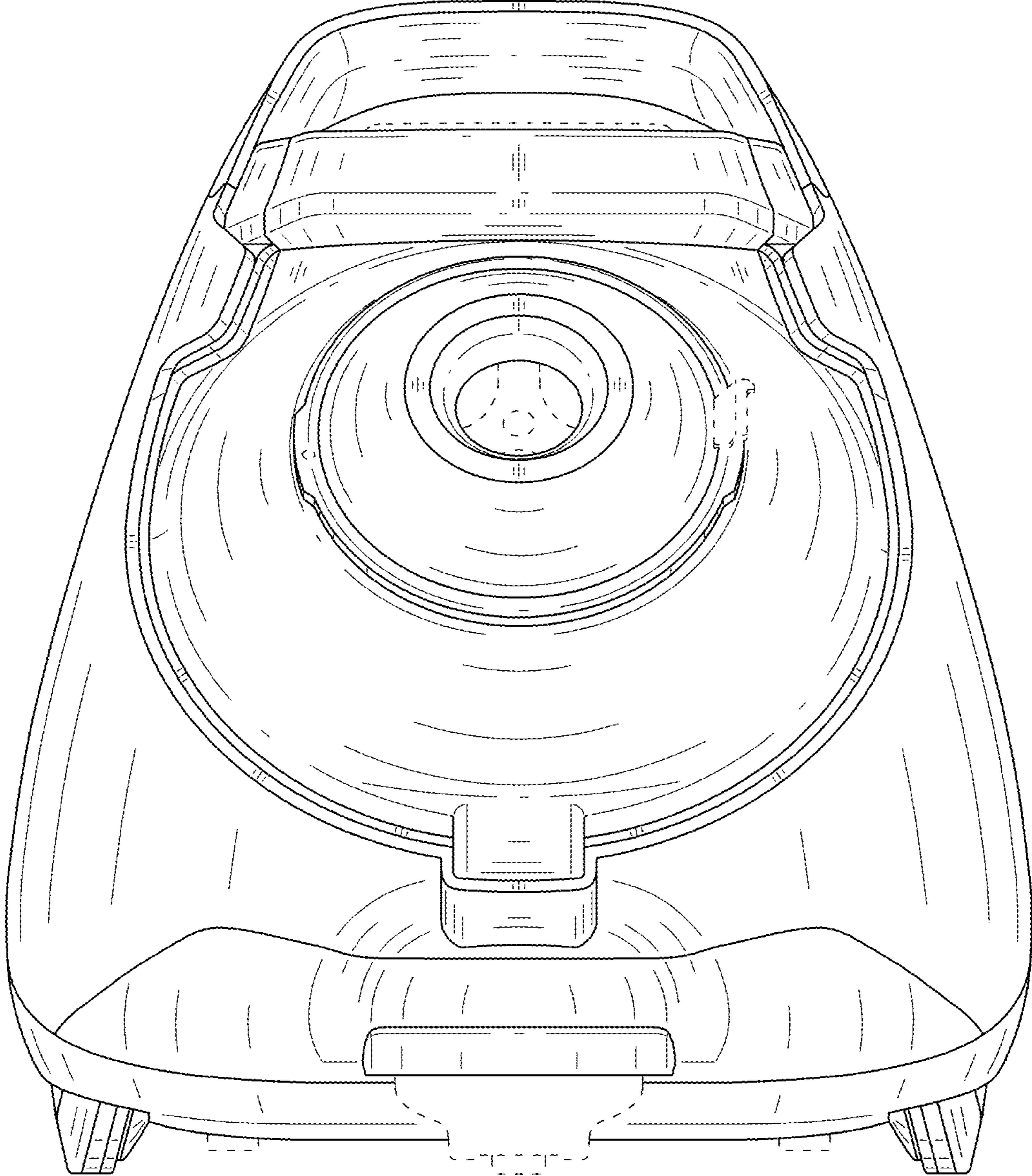


FIG. 3

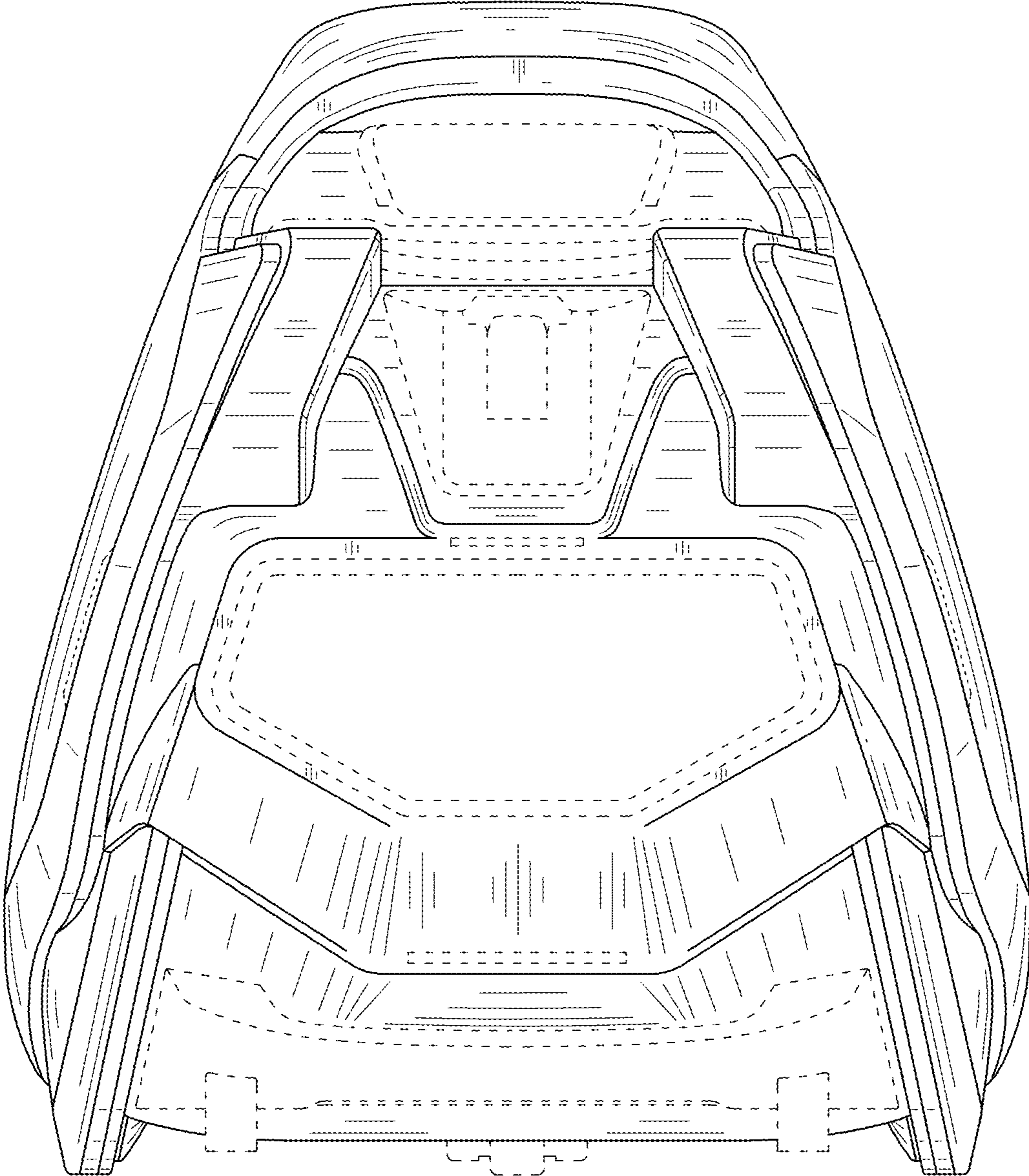


FIG. 4

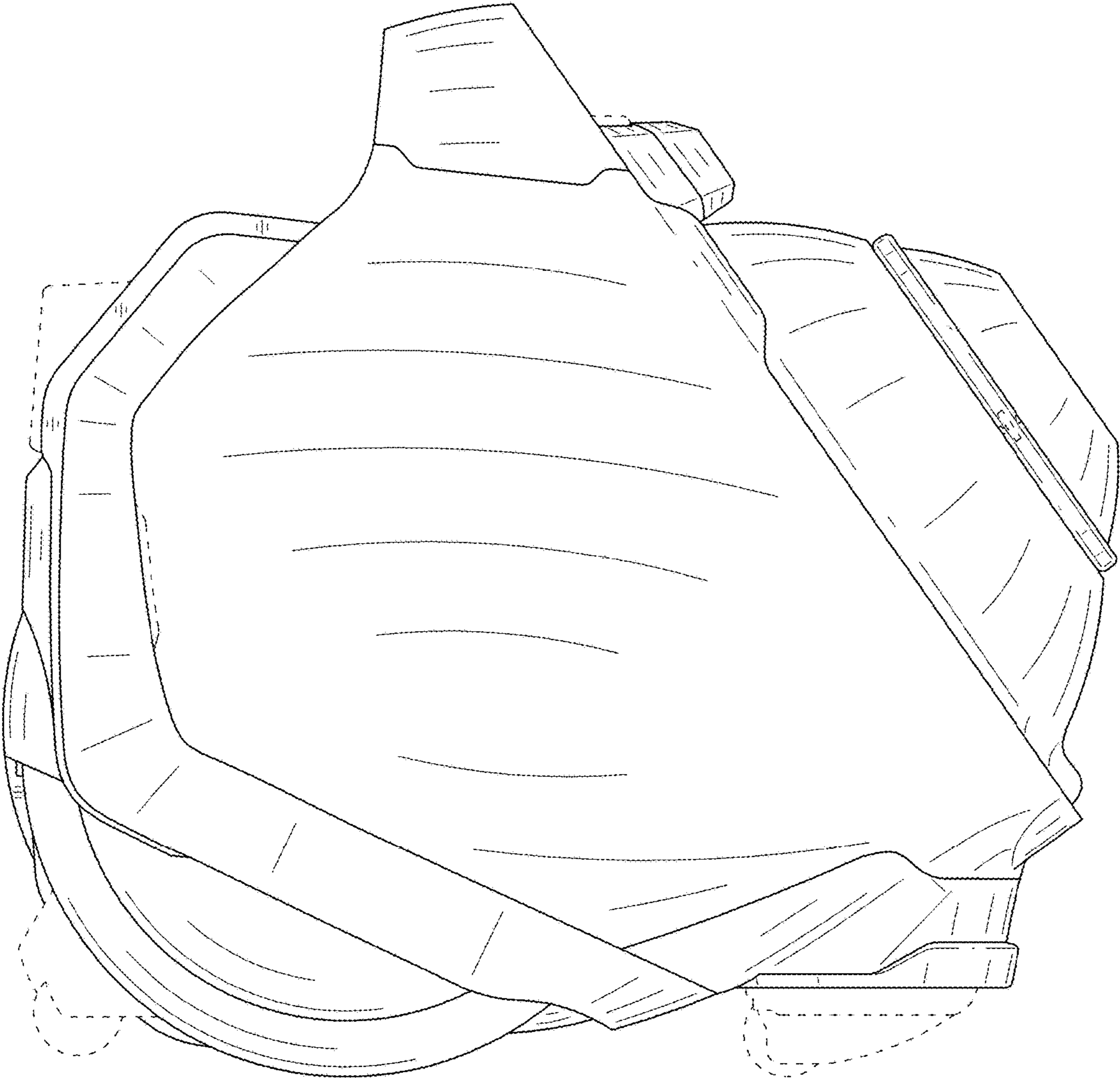


FIG. 5

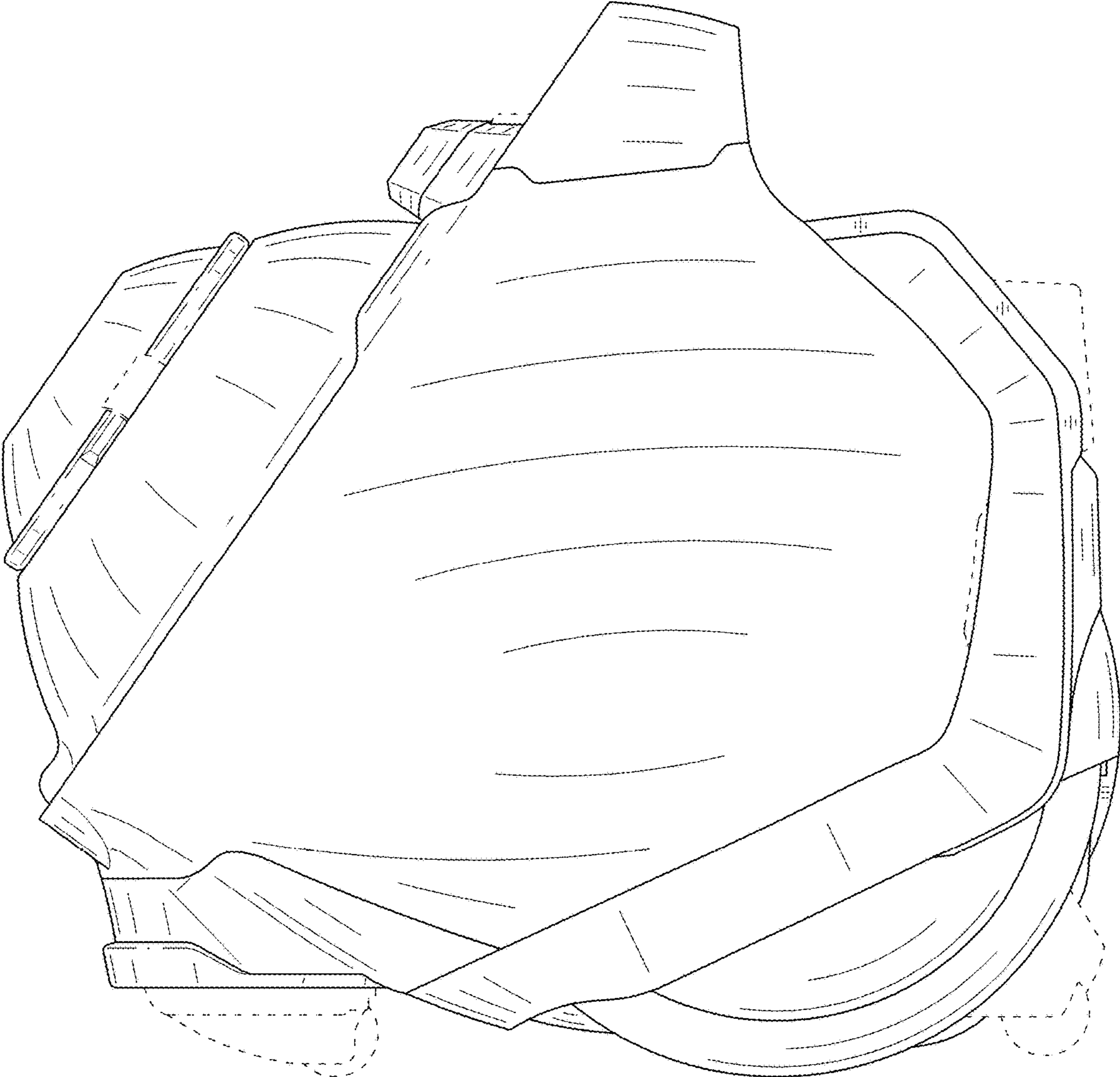


FIG. 6

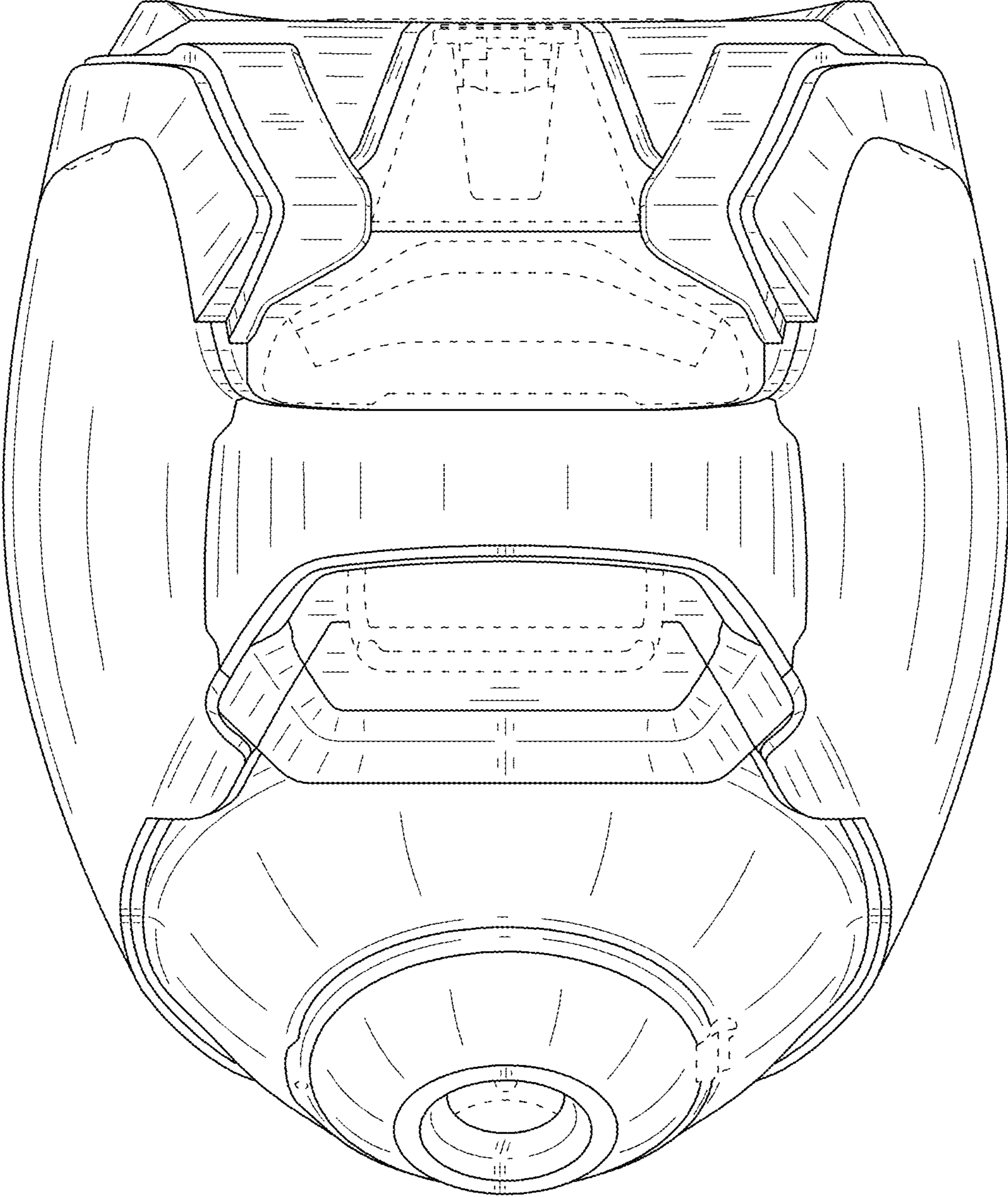




FIG. 7

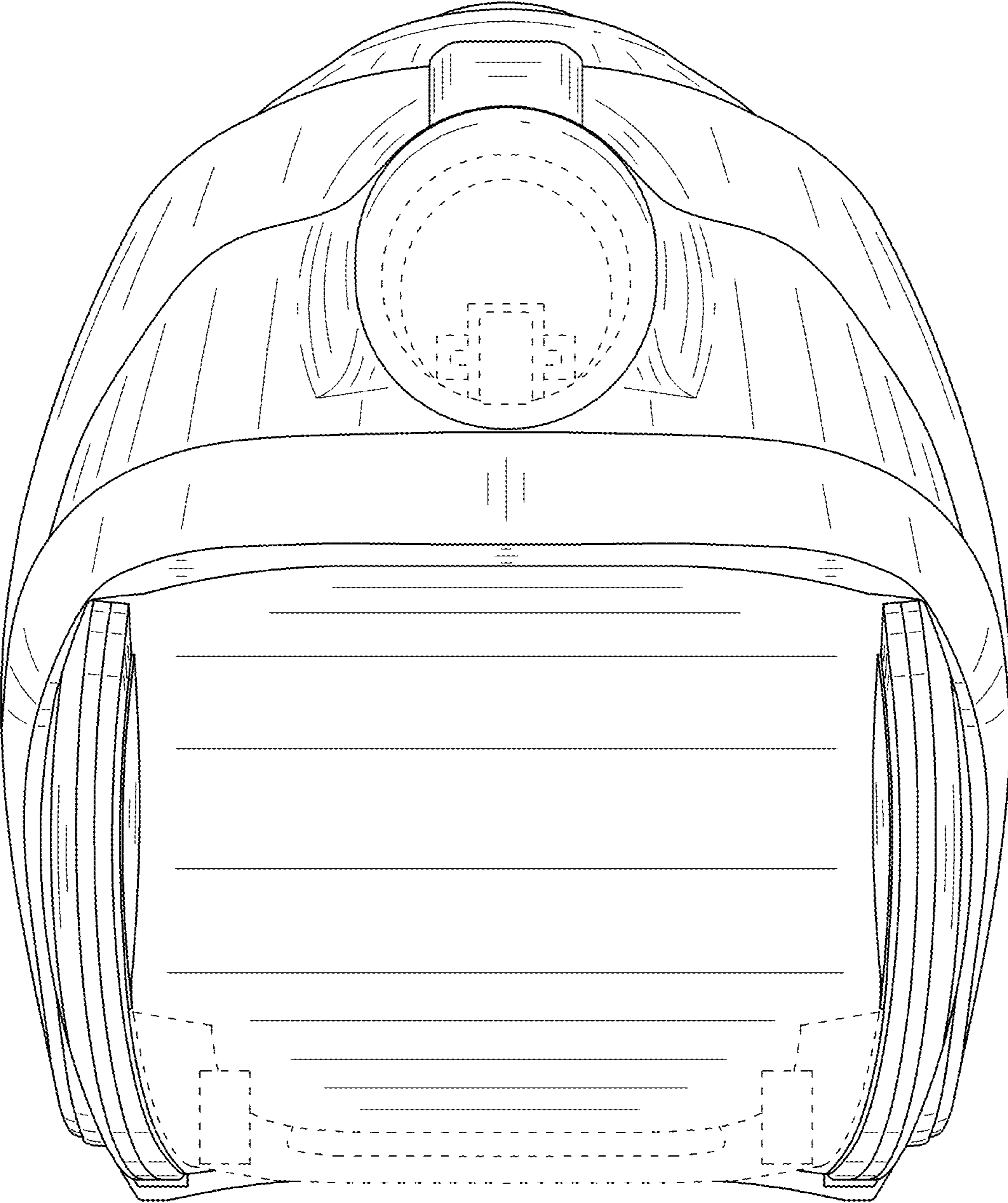


FIG. 8

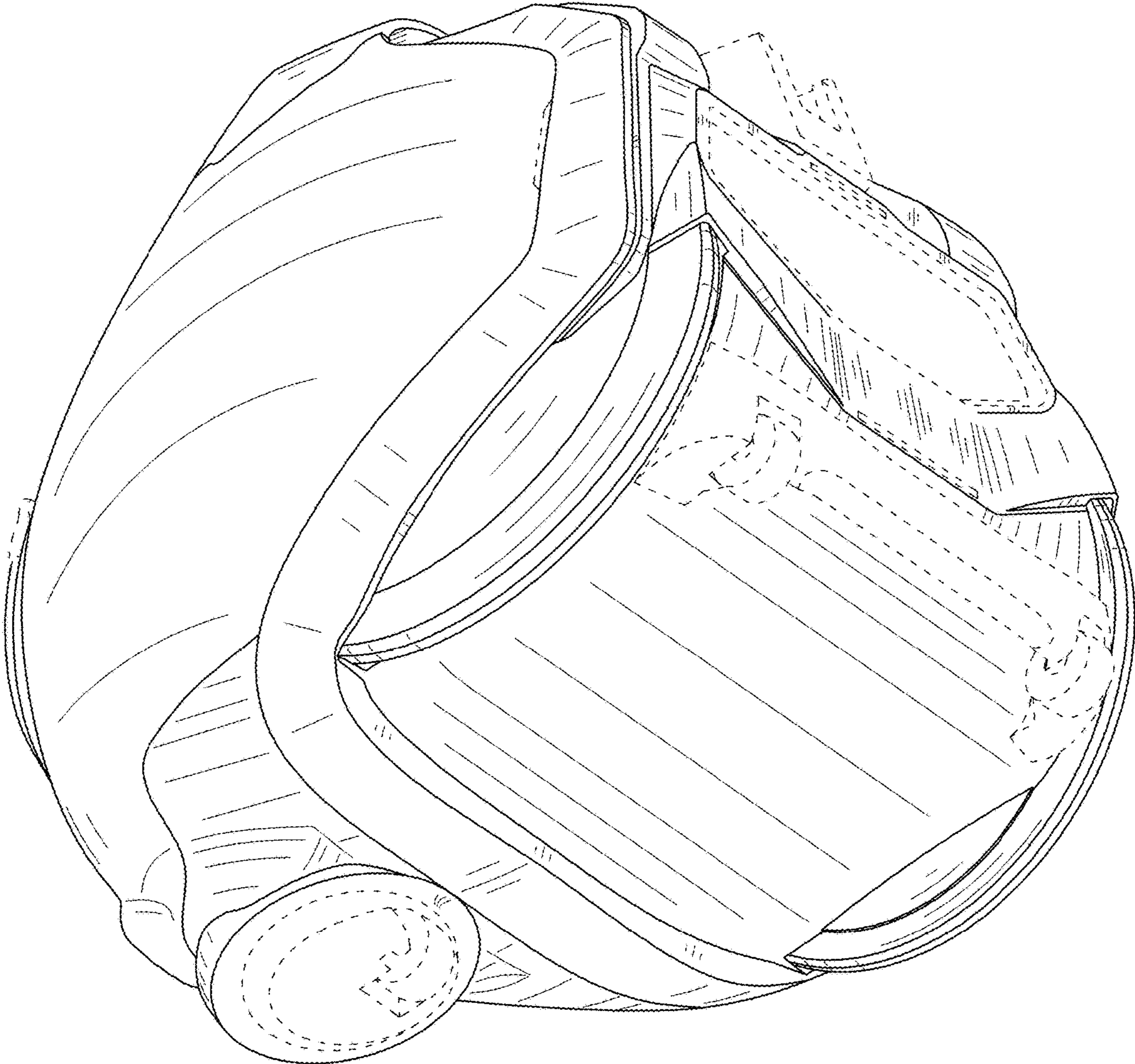


FIG. 9

