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(12) **United States Design Patent** (10) **Patent No.:** **US D844,144 S**  
**Personnelli et al.** (45) **Date of Patent:** **\*\* Mar. 26, 2019**

(54) **MRI HEAD COIL APPARATUS**  
(71) Applicant: **GENERAL ELECTRIC COMPANY**,  
Schenectady, NY (US)  
(72) Inventors: **Regis Gerard Personnelli**, Bois d'Arcy  
(FR); **Yun-Jeong Stickle**, Aurora, OH  
(US); **Balint Franko**, Aurora, OH (US);  
**Sarah Tenley**, Cleveland Heights, OH  
(US); **Clyve Konrad Rosales Follante**,  
Aurora, OH (US)  
(73) Assignee: **General Electric Company**,  
Schenectady, NY (US)

D592,751 S \* 5/2009 Ninomiya ..... D24/158  
D742,012 S \* 10/2015 Sul ..... D24/158  
D742,519 S \* 11/2015 Sul ..... D24/158  
D742,523 S \* 11/2015 Sul ..... D24/158  
D748,797 S \* 2/2016 Patil ..... D24/158  
D787,064 S \* 5/2017 Sul ..... D24/158  
2013/0131498 A1\* 5/2013 Taracila ..... G01R 33/34084  
600/422  
2013/0317346 A1\* 11/2013 Alagappan ..... G01R 33/34046  
600/415  
2015/0065852 A1\* 3/2015 Driemel ..... A61B 5/055  
600/410  
2017/0082705 A1\* 3/2017 Hou ..... G01R 33/34007  
2017/0168124 A1\* 6/2017 Ueda ..... A61B 5/0035

\* cited by examiner

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

*Primary Examiner* — Anhdao Doan

(21) Appl. No.: **29/632,014**

(74) *Attorney, Agent, or Firm* — McCoy Russell LLP

(22) Filed: **Jan. 4, 2018**

(57) **CLAIM**

**Related U.S. Application Data**

The ornamental design for a MRI head coil apparatus, as shown and described.

(62) Division of application No. 29/585,537, filed on Nov. 25, 2016.

(51) **LOC (11) Cl.** ..... **24-01**

**DESCRIPTION**

(52) **U.S. Cl.**

USPC ..... **D24/158**

(58) **Field of Classification Search**

USPC ..... D24/107, 158–161, 185, 186, 187, 231

CPC ..... A61B 5/0042; A61B 5/055; A61B 6/03;

A61B 6/035; G01R 33/283; G01R

33/4806; G01R 33/4812; G03B 21/145;

G03B 21/30; G03B 21/54; G03B 21/585

See application file for complete search history.

FIG. 1 is a perspective view of a MRI head coil apparatus showing our new design;

FIG. 2 is a front elevation view thereof;

FIG. 3 is a rear elevation view thereof;

FIG. 4 is a side elevation view thereof;

FIG. 5 is an opposite side elevation view thereof;

FIG. 6 is a top plan view thereof;

FIG. 7 is a bottom plan view thereof; and,

FIG. 8 is a top perspective view thereof.

The broken lines immediately adjacent the shaded areas represent the bounds of the claim, while all other broken lines are directed to environment and are for illustrative purposes only; the broken lines form no part of the claimed design.

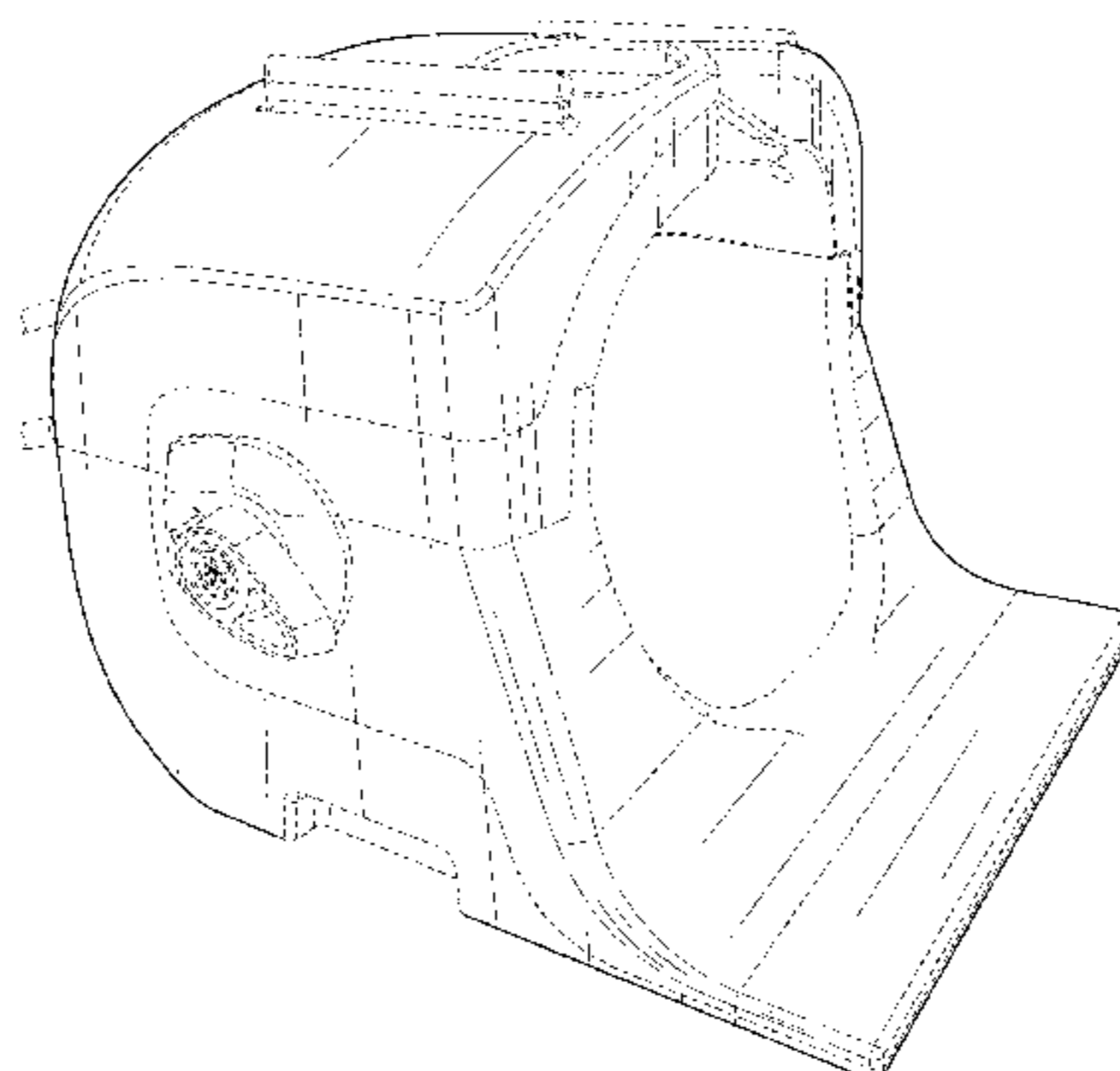
(56) **References Cited**

**U.S. PATENT DOCUMENTS**

5,221,902 A \* 6/1993 Jones ..... G01R 33/34061  
324/318

6,313,633 B1 \* 11/2001 Boskamp ..... G01R 33/34053  
324/318

**1 Claim, 5 Drawing Sheets**



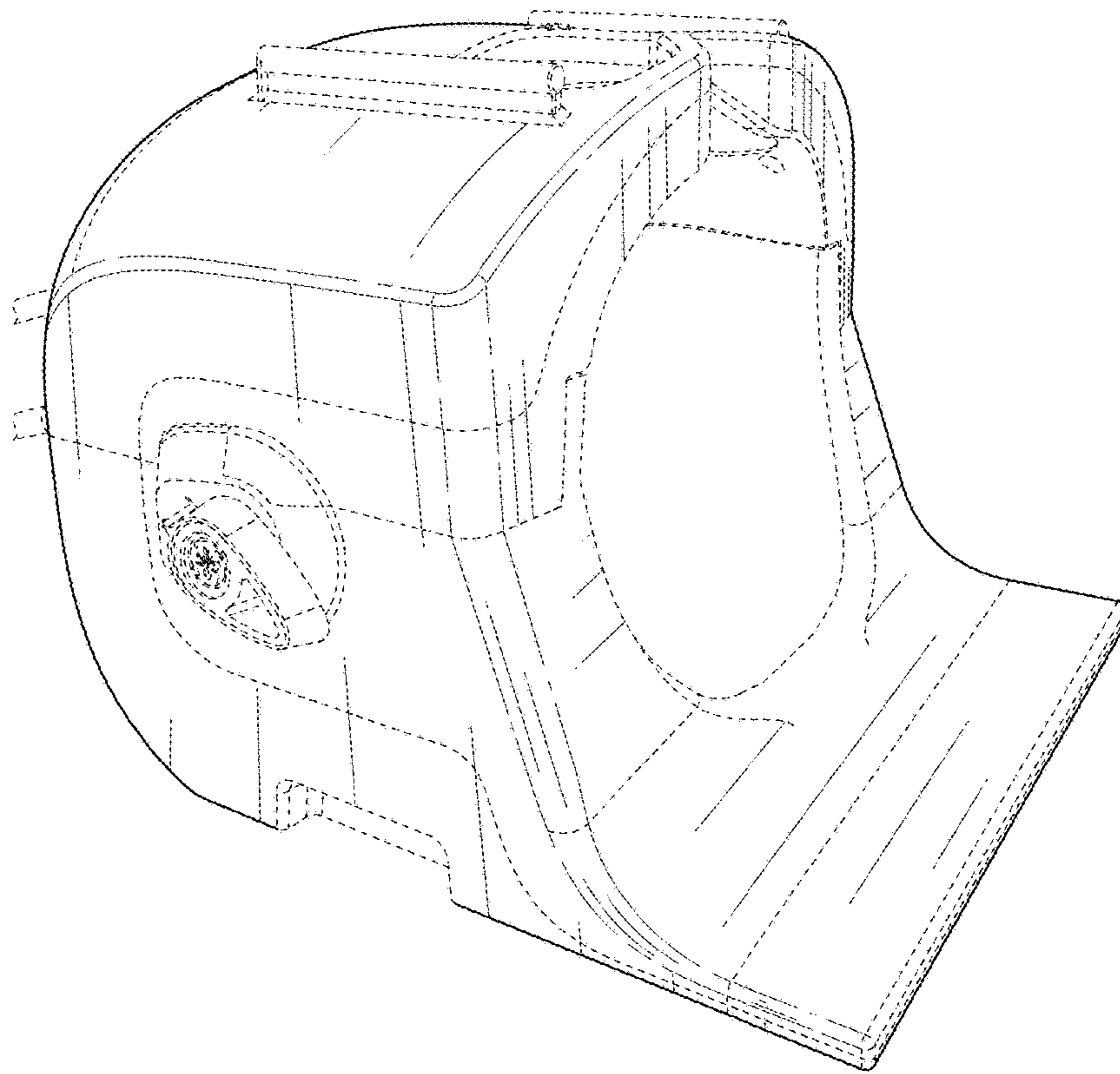


FIG. 1

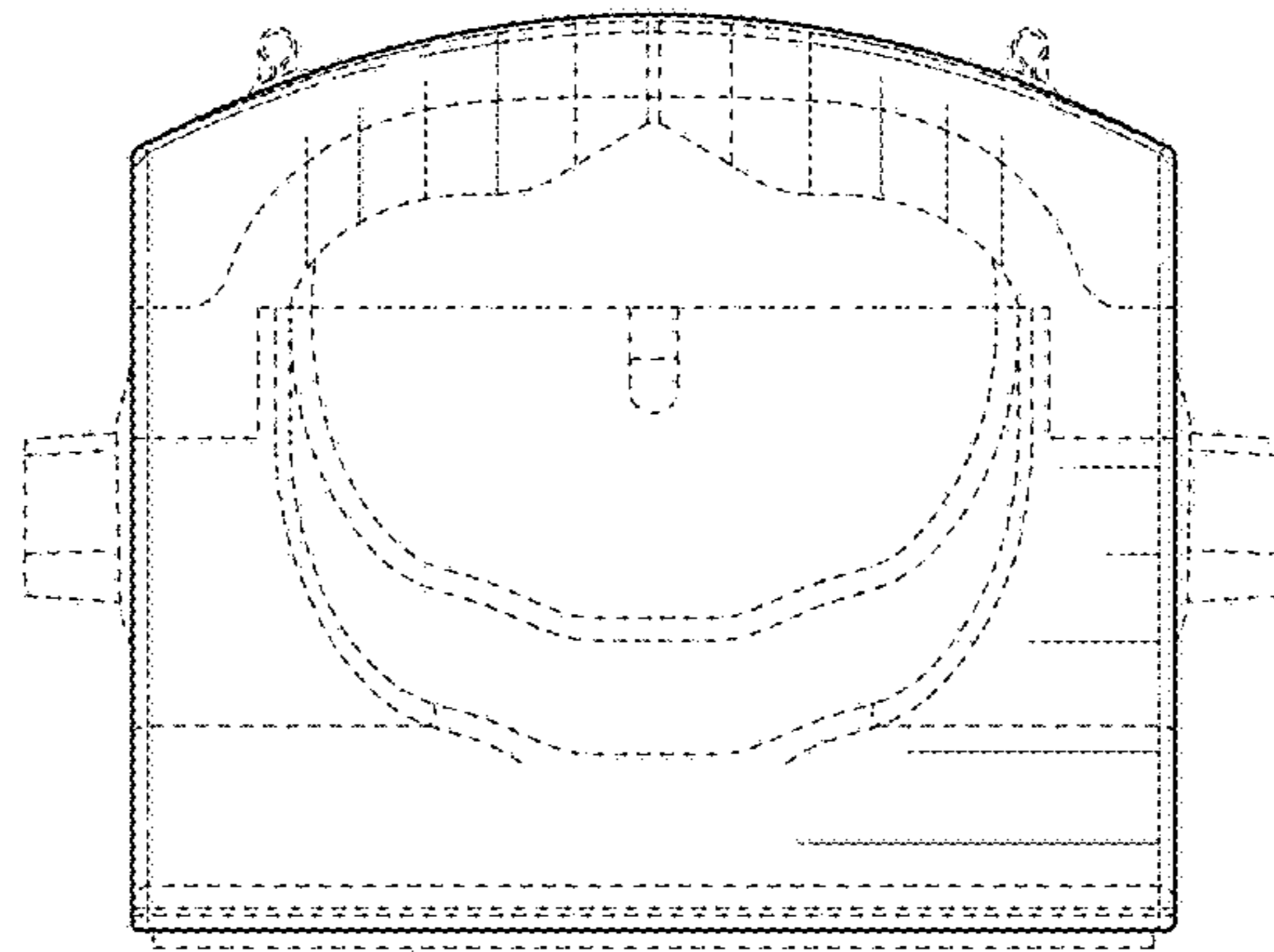


FIG. 2

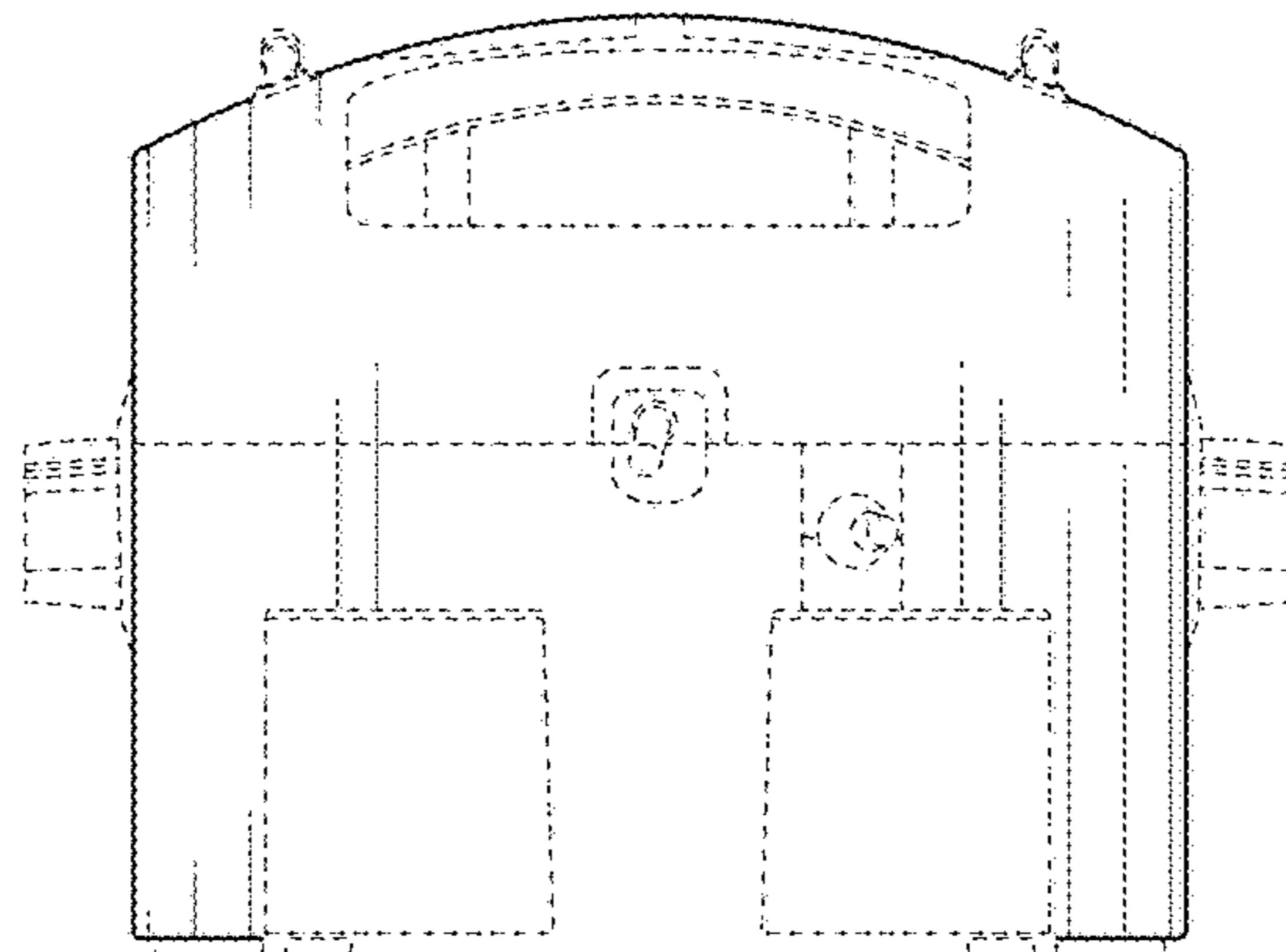


FIG. 3

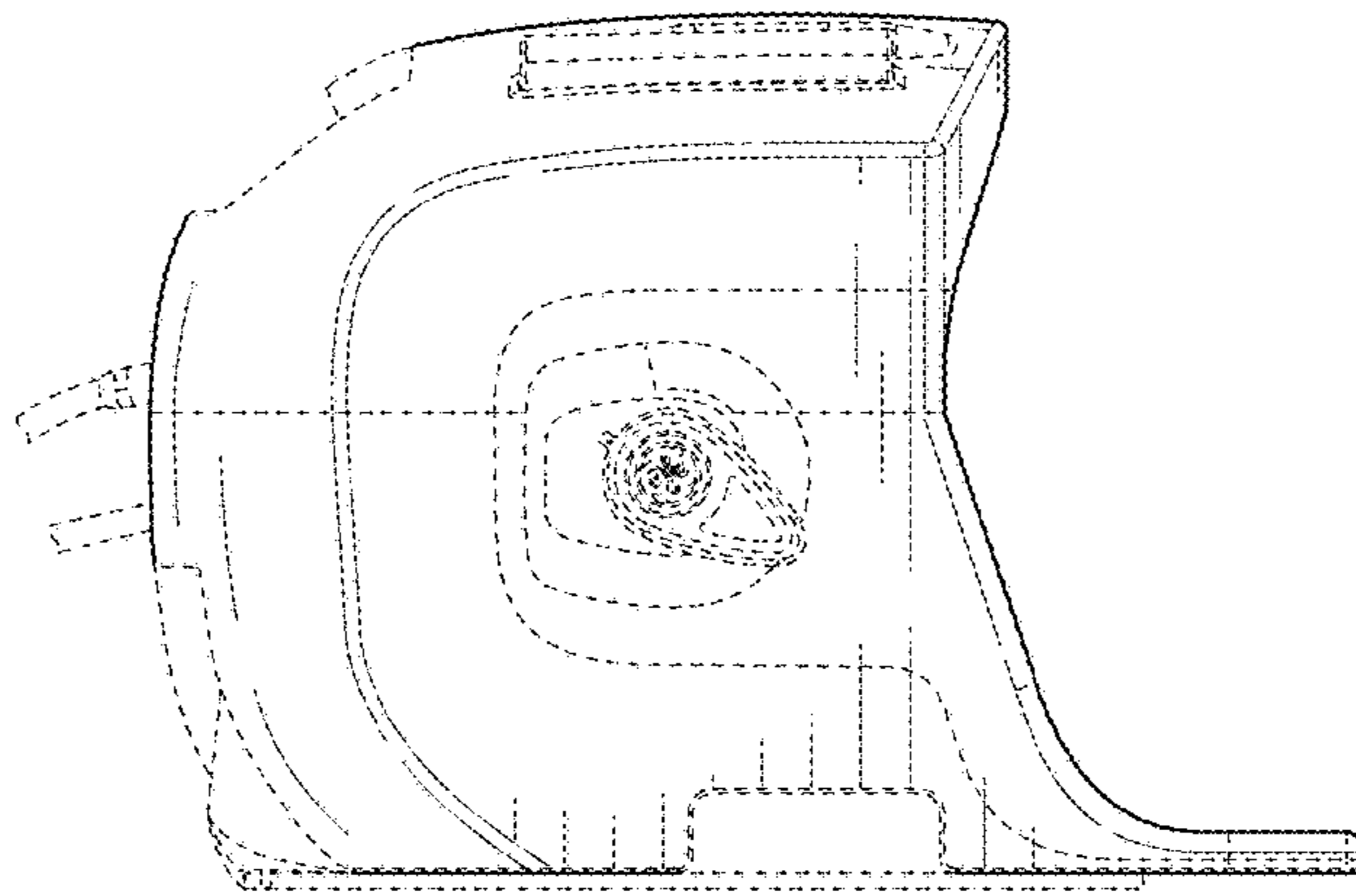


FIG. 4

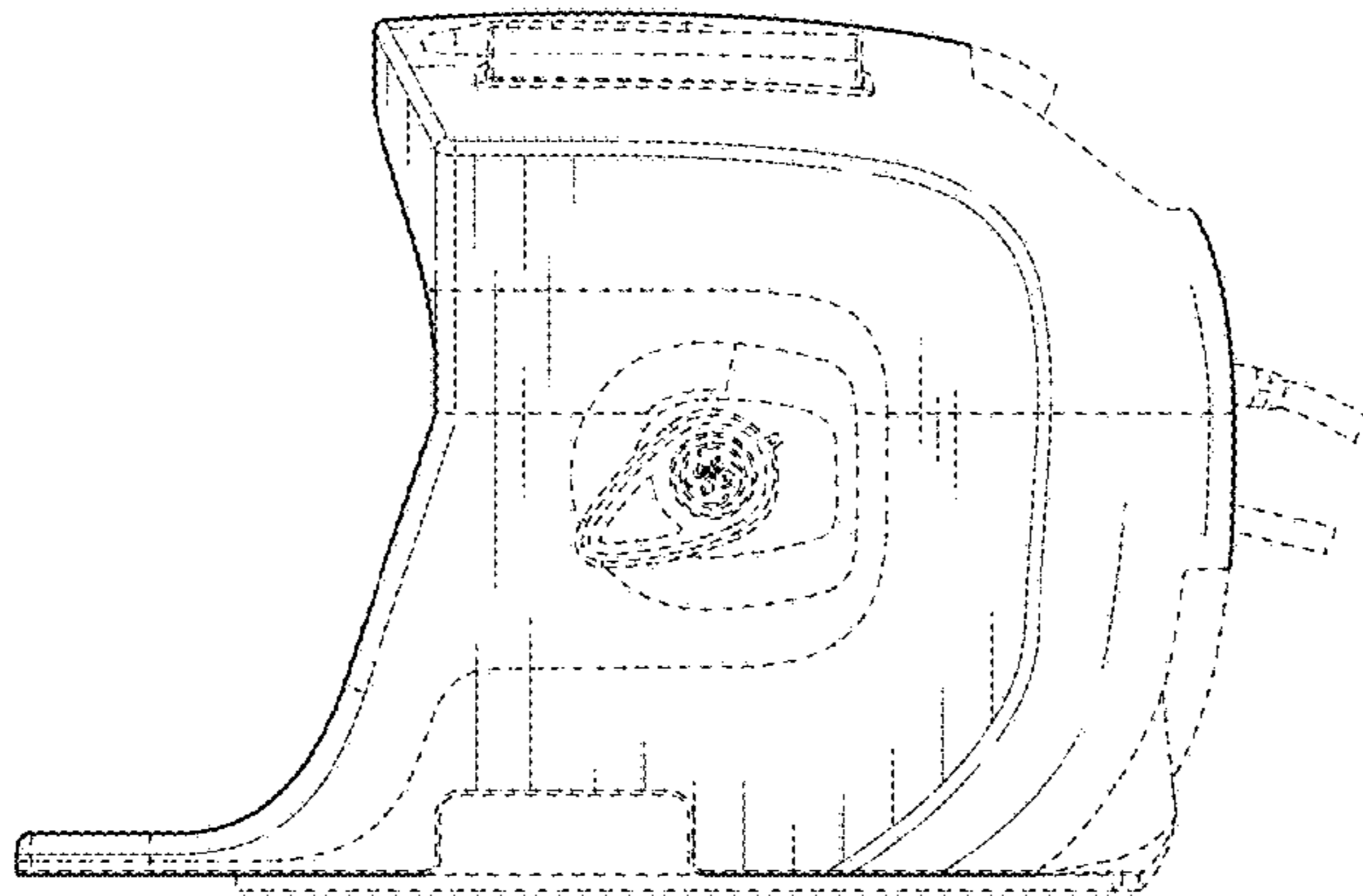


FIG. 5

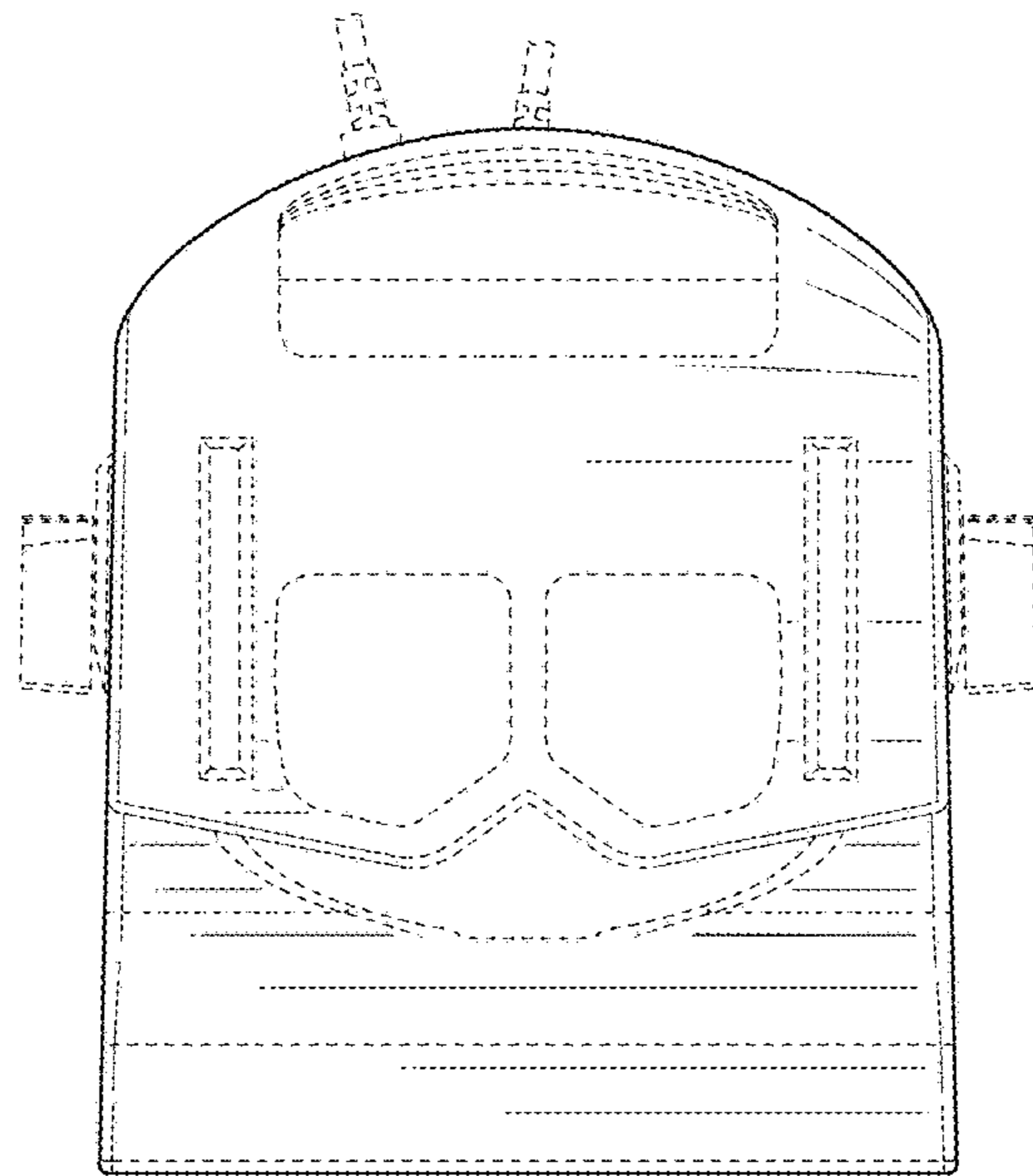


FIG. 6

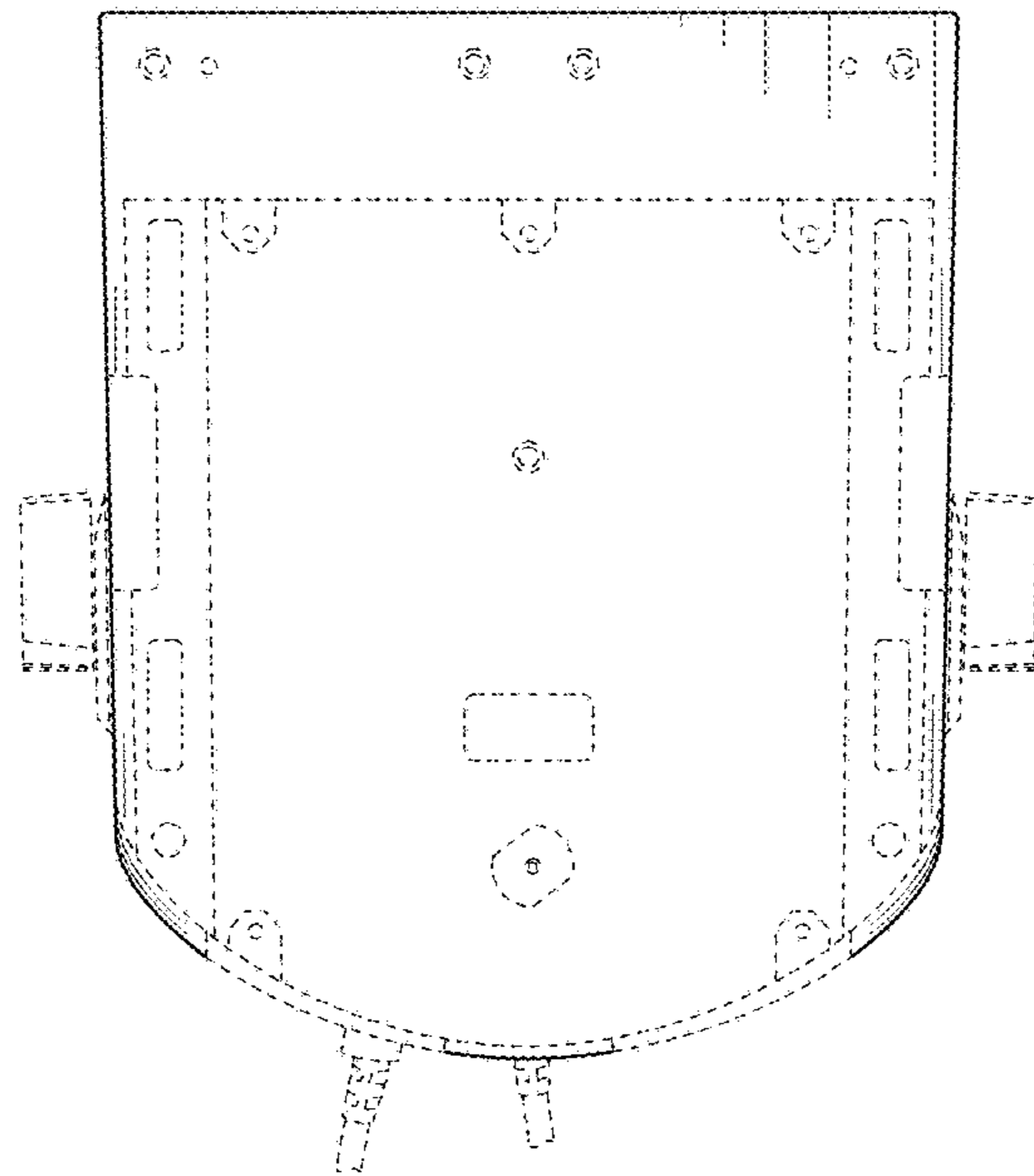


FIG. 7

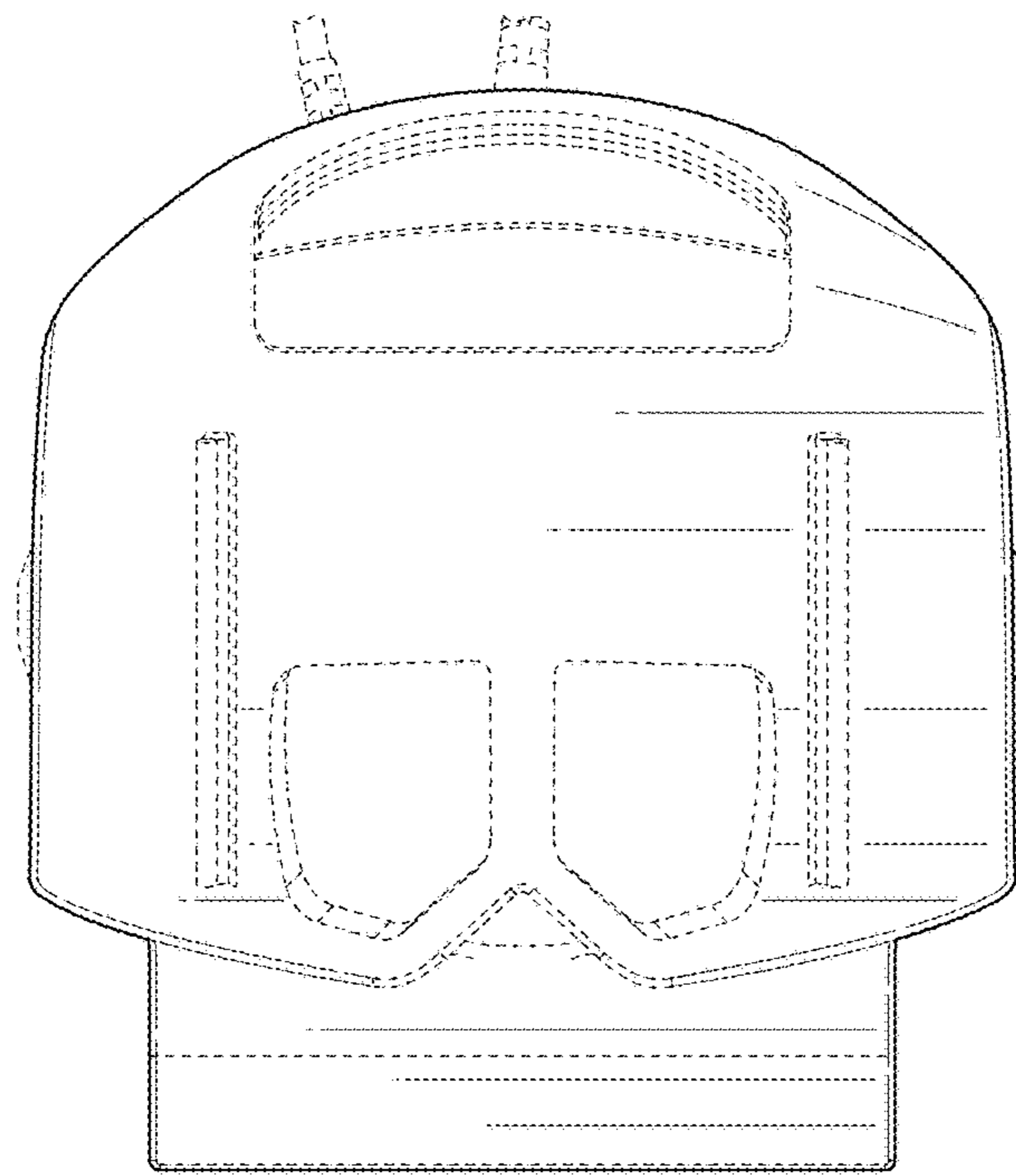


FIG. 8