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

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(54) **LARGE VOLUME PUMP**

A61M 5/142; A61F 2002/9517; F04B  
43/082; F04B 43/1223

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See application file for complete search history.

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

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(21) Appl. No.: **29/583,354**

*Assistant Examiner* — Calvin E Vansant

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(51) **LOC (11) Cl.** ..... **24-02**

Pedersen, P.A.

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

(57) **CLAIM**

USPC ..... **D24/111**

We claim the ornamental design for a large volume pump, as  
shown and described.

(58) **Field of Classification Search**

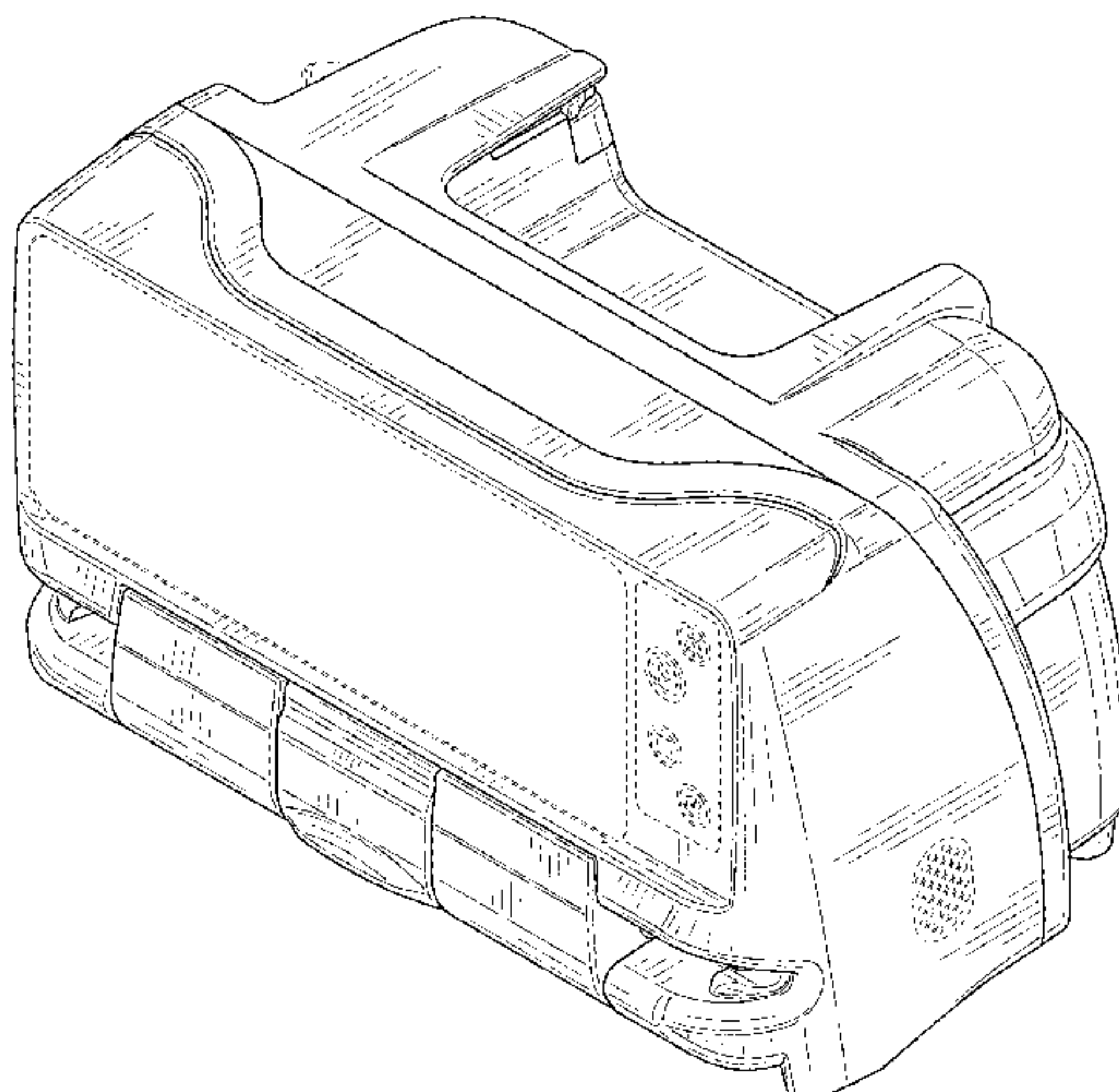
USPC ..... D24/108, 111, 112, 114, 127, 128, 129,  
D24/130, 133, 141, 146, 147, 152, 186,  
D24/214, 215; D8/93, 97, 300, 310, 311;  
D23/129, 223, 249, 259, 262; D16/202;  
D14/171, 196; D15/7

**DESCRIPTION**

CPC ..... A61B 1/00094; A61M 2005/1583; A61M  
2005/1586; A61M 2005/3277; A61M  
5/158; A61M 5/1582; A61M 5/3243;  
A61M 25/0606; A61M 25/0612; A61M  
25/0631; A61M 25/0637; A61M 5/14228;

FIG. 1 is a perspective view of a large volume pump.  
FIG. 2 is a front elevation view of the large volume pump.  
FIG. 3 is a rear elevation view of the large volume pump.  
FIG. 4 is a side elevation view of the large volume pump.  
FIG. 5 is another side elevation view of the large volume  
pump, from the side opposite that in FIG. 4.  
FIG. 6 is a top plan view of the large volume pump; and,  
FIG. 7 is a bottom plan view of the large volume pump.

(Continued)



The dashed broken lines depict portions of the large volume pump that form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**

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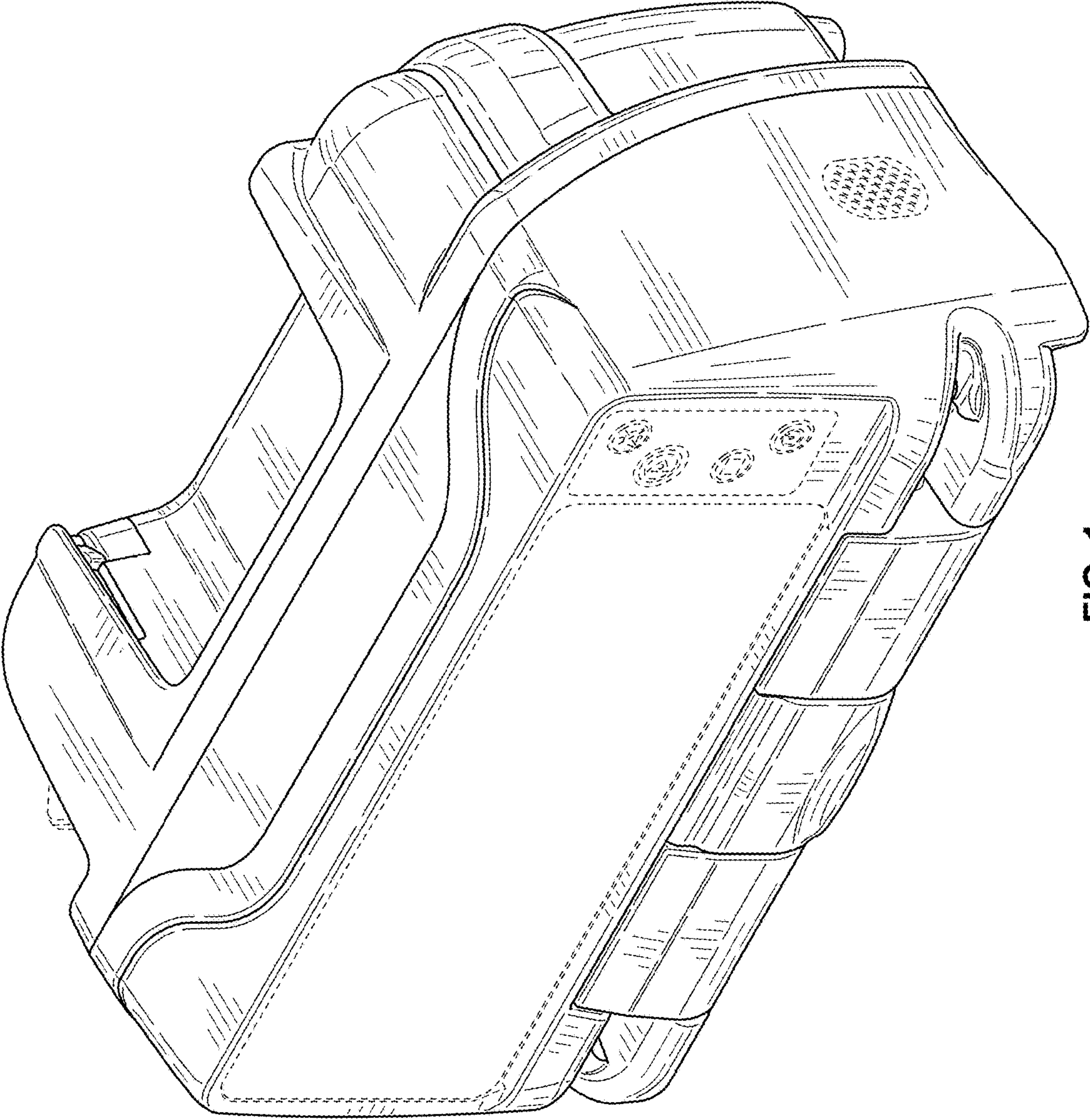


FIG. 1



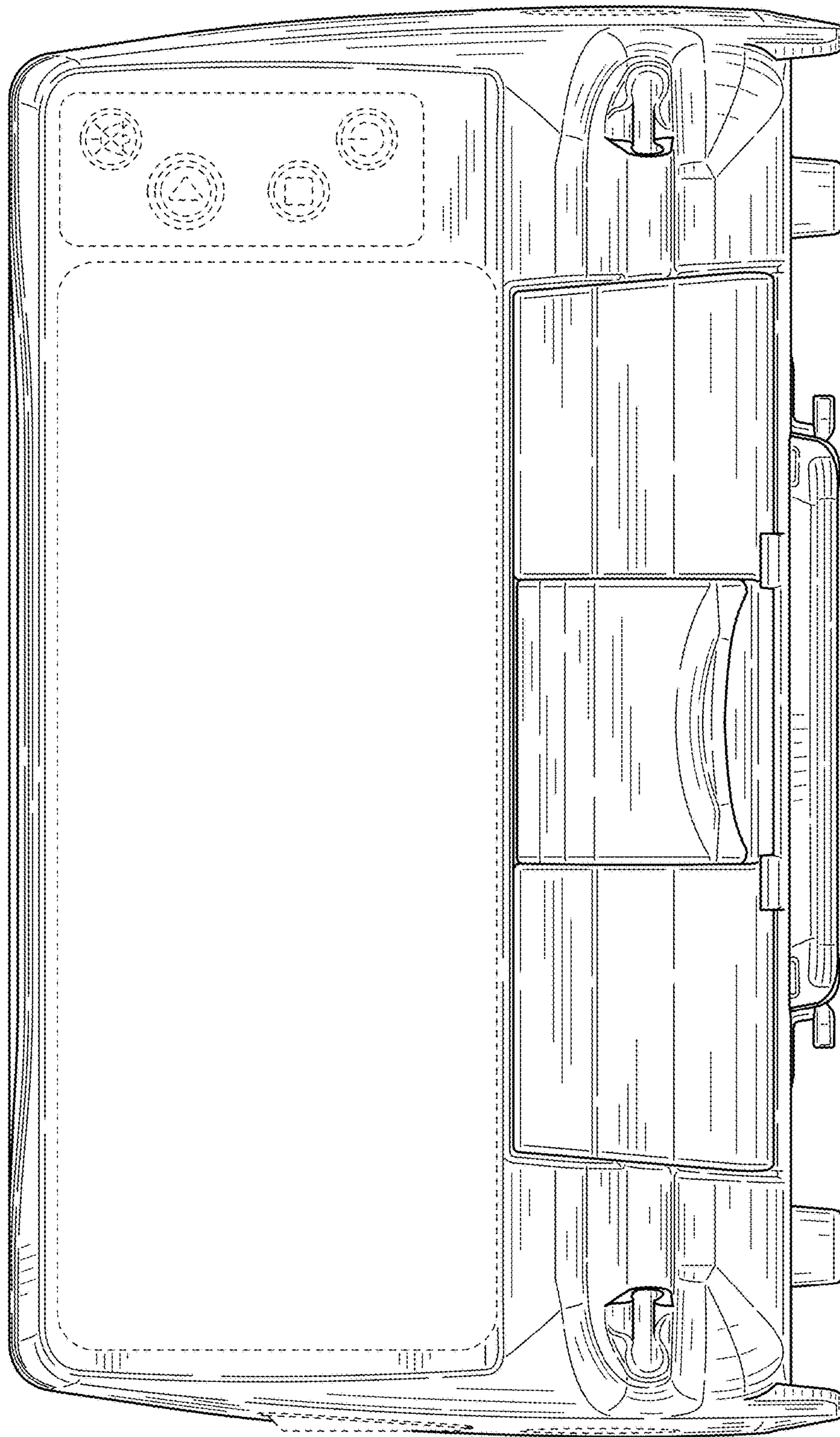


FIG. 2

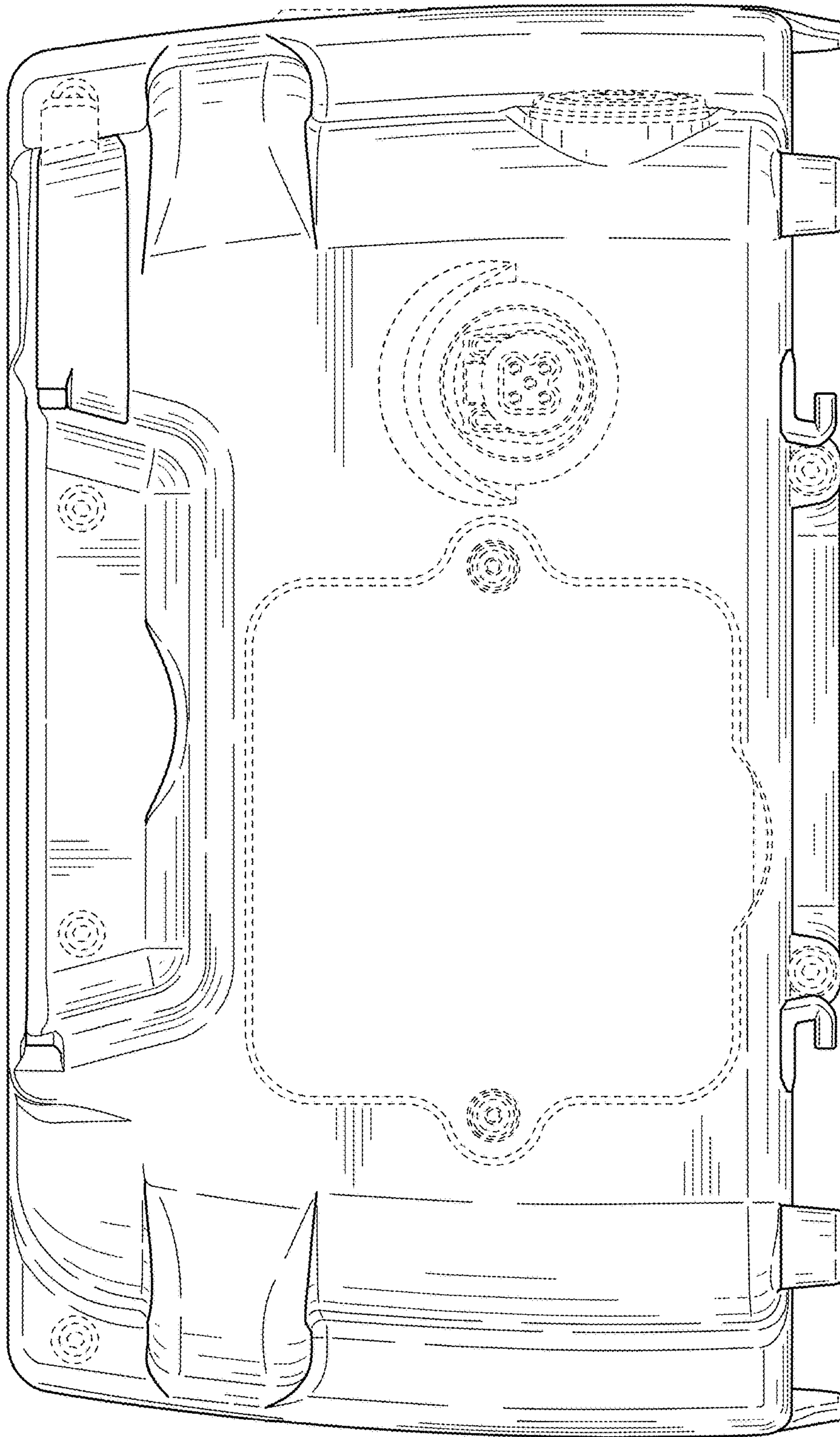


FIG. 3

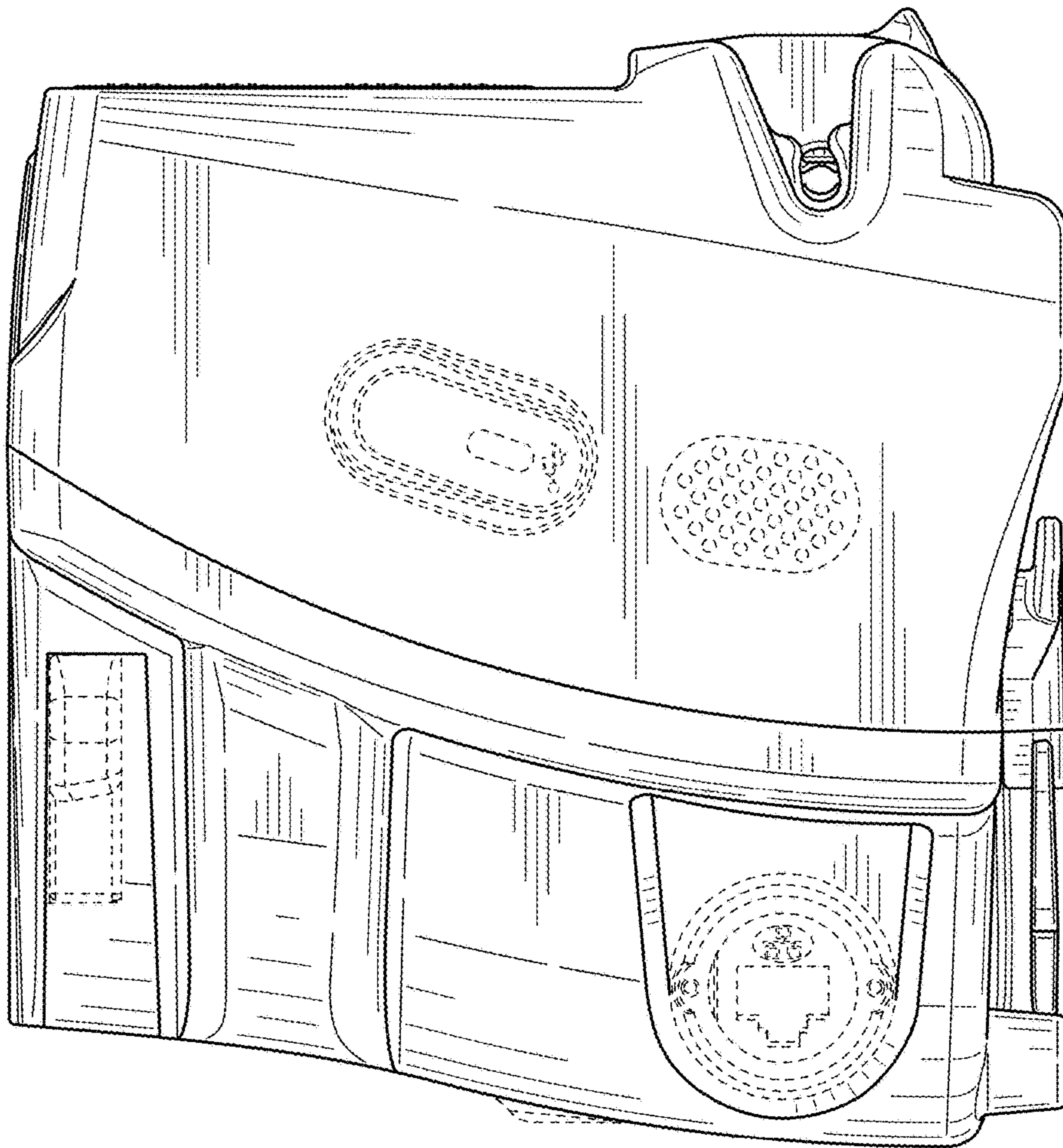


FIG. 4



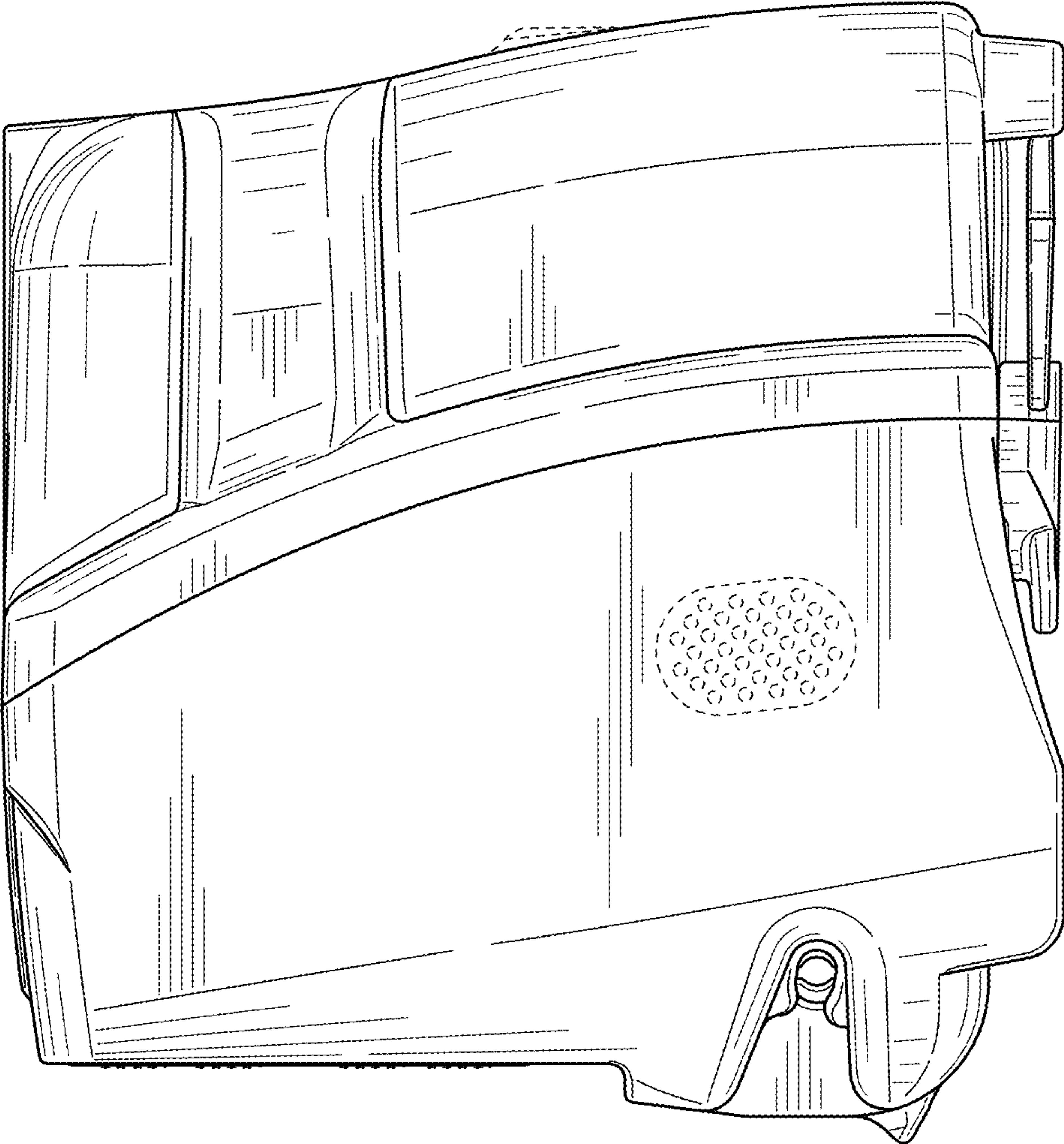


FIG. 5

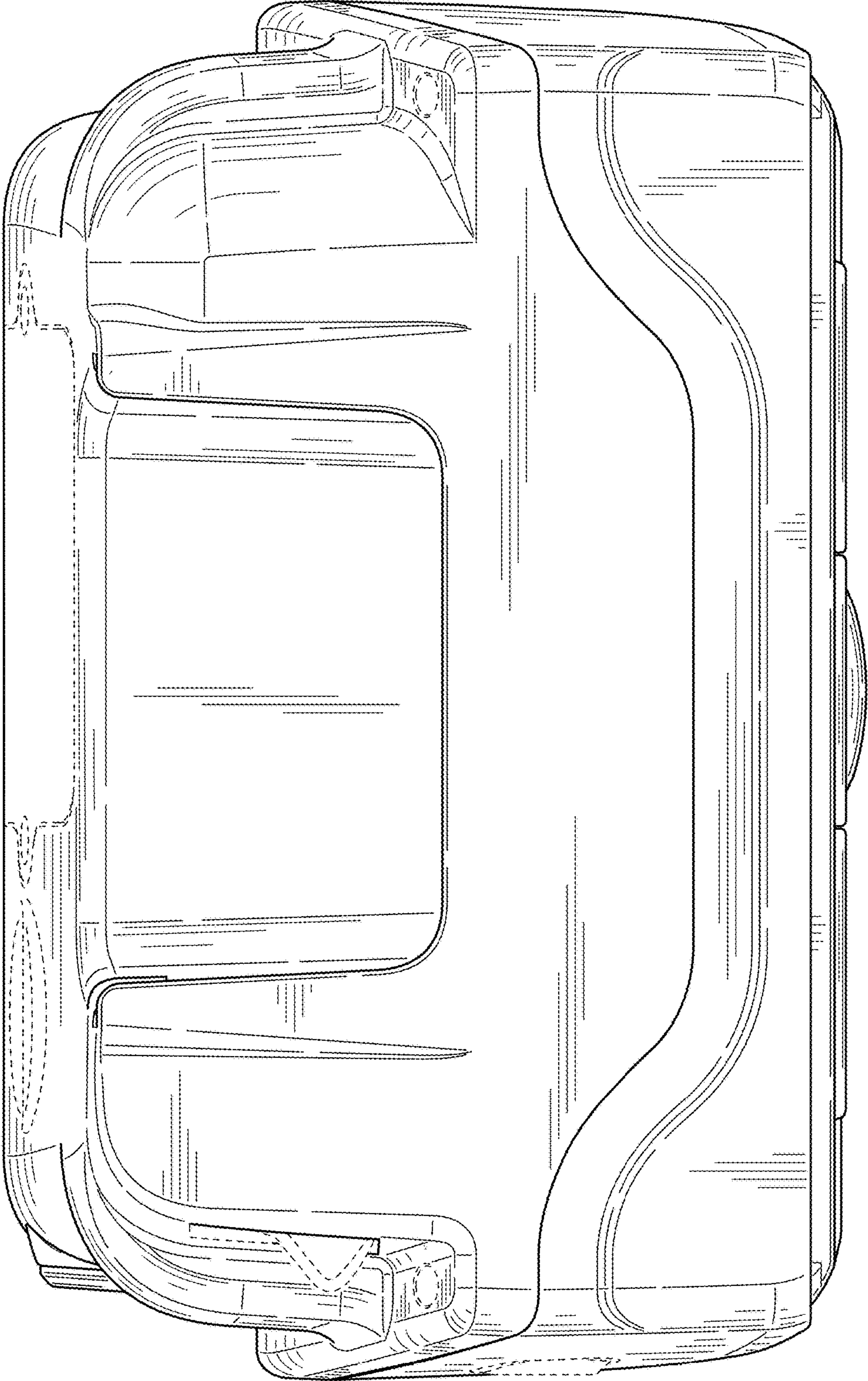


FIG. 6



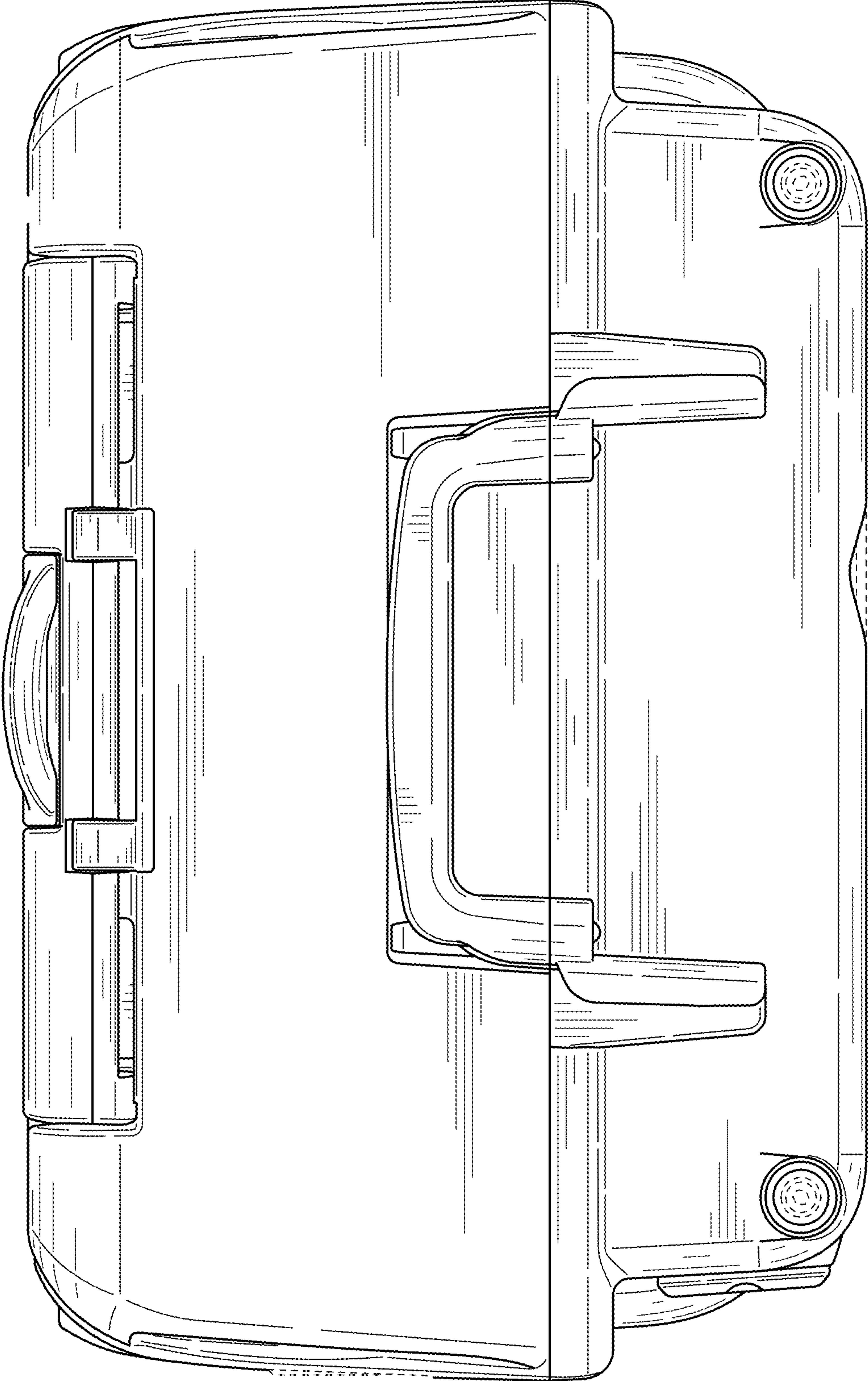


FIG. 7