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(12) **United States Design Patent** (10) **Patent No.:** **US D872,035 S**
Aromin et al. (45) **Date of Patent:** **** Jan. 7, 2020**

(54) **ARC FAULT CIRCUIT INTERRUPTER**

H01R 13/14; H01R 13/713; H01R 24/30;
H05K 5/00; H05K 5/03

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See application file for complete search history.

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

Assistant Examiner — Shawn T Gingrich

(21) Appl. No.: **29/659,757**

(57) **CLAIM**

(22) Filed: **Aug. 11, 2018**

The ornamental design for an arc fault circuit interrupter, substantially as shown and described.

Related U.S. Application Data

DESCRIPTION

(63) Continuation-in-part of application No. 29/583,711, filed on Nov. 8, 2016, now abandoned.

(51) **LOC (12) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/160; D13/139.6**

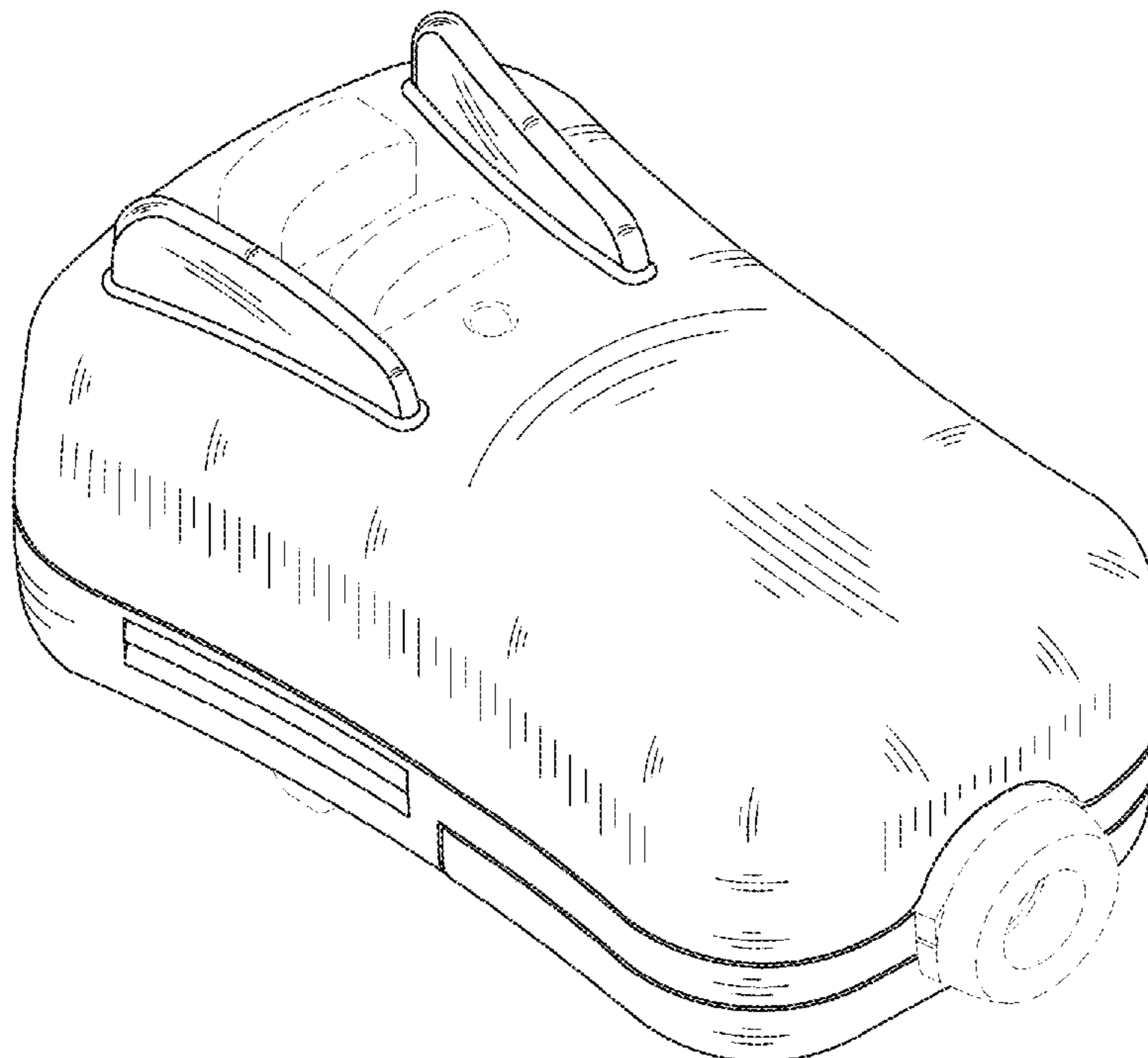
(58) **Field of Classification Search**

USPC D13/110, 118, 123, 133, 137.1, 138.1, D13/138.2, 139.1, 139.4, 139.7, 154, D13/158-161, 173, 178, 184, 199, 139.6
CPC H01R 13/46; H01R 13/62; H01R 13/71; H01R 25/00; H01R 27/00; H01R 29/00; H01R 31/02; H01R 31/06; H01R 11/00; H01R 3/00; H01R 3/16; H01R 13/00; H01R 4/34; H01R 9/24; H01R 13/06;

FIG. 1 is a top perspective view of the arc fault circuit interrupter of our new design;
FIG. 2 is a rear view thereof;
FIG. 3 is a bottom view thereof;
FIG. 4 is a right side view thereof;
FIG. 5 is a left side view thereof;
FIG. 6 is a front end view thereof; and,
FIG. 7 is a top view thereof.

The broken lines in the drawings illustrate environment of the arc fault circuit interrupter that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



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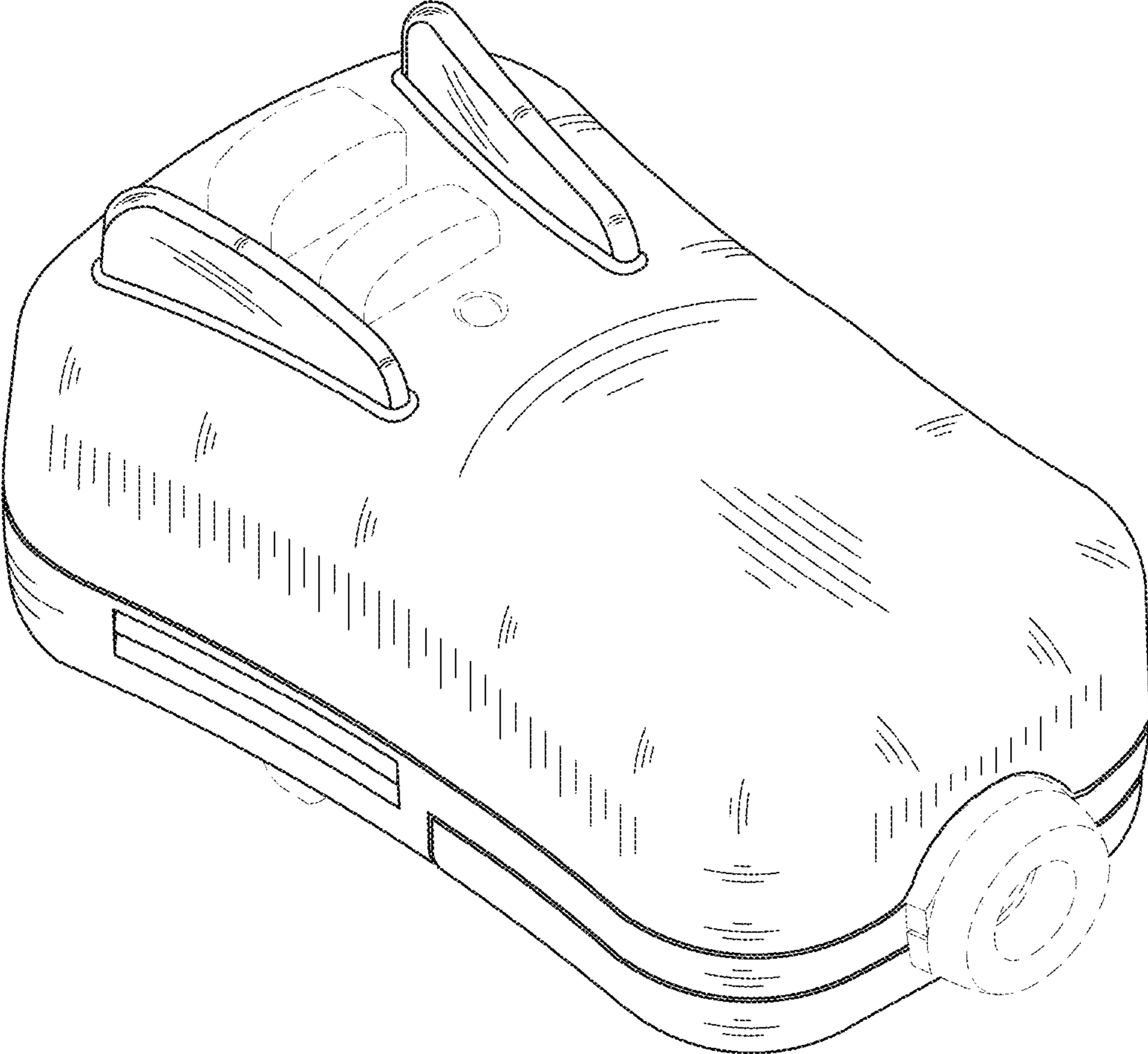


FIG. 1

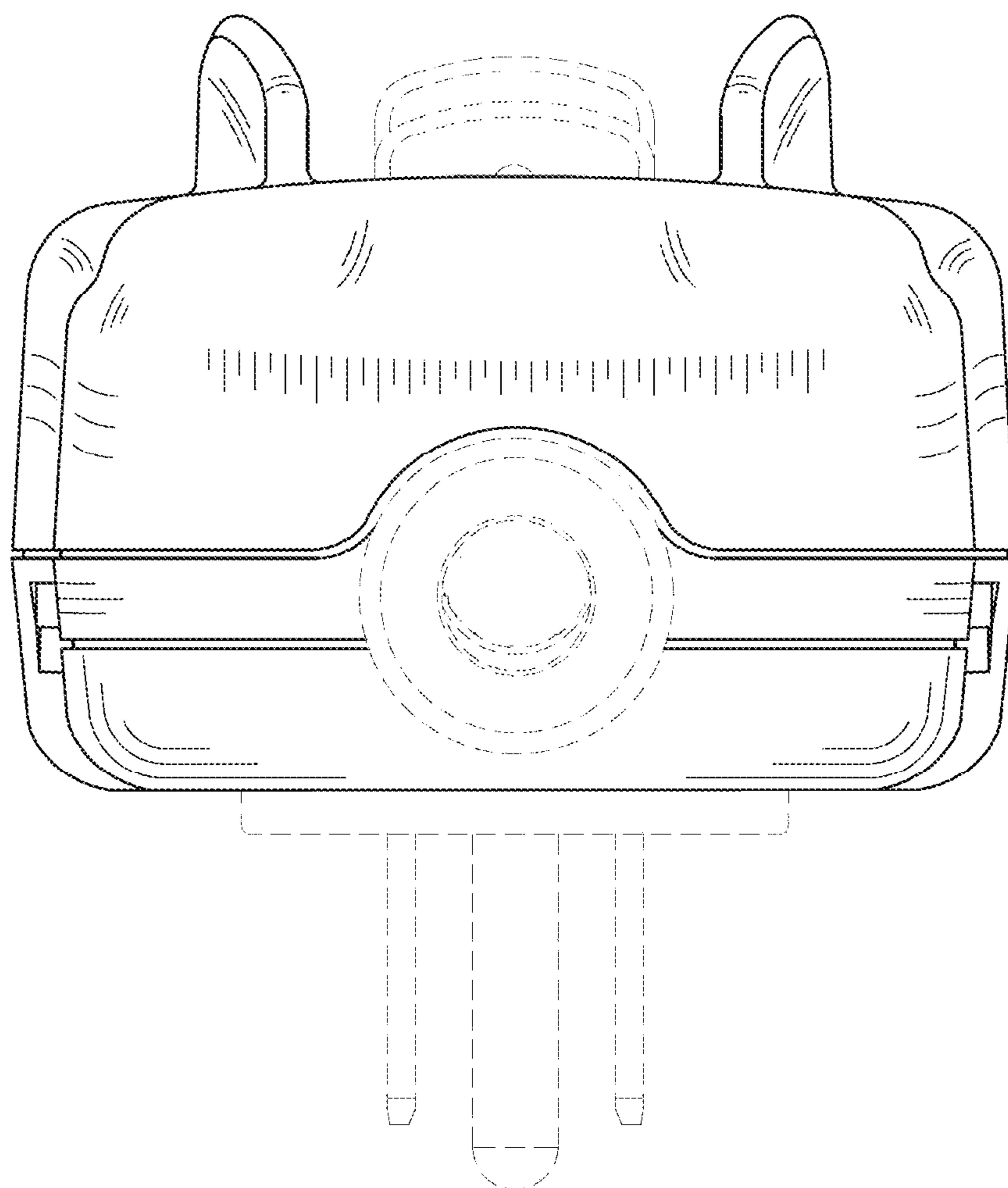


FIG. 2

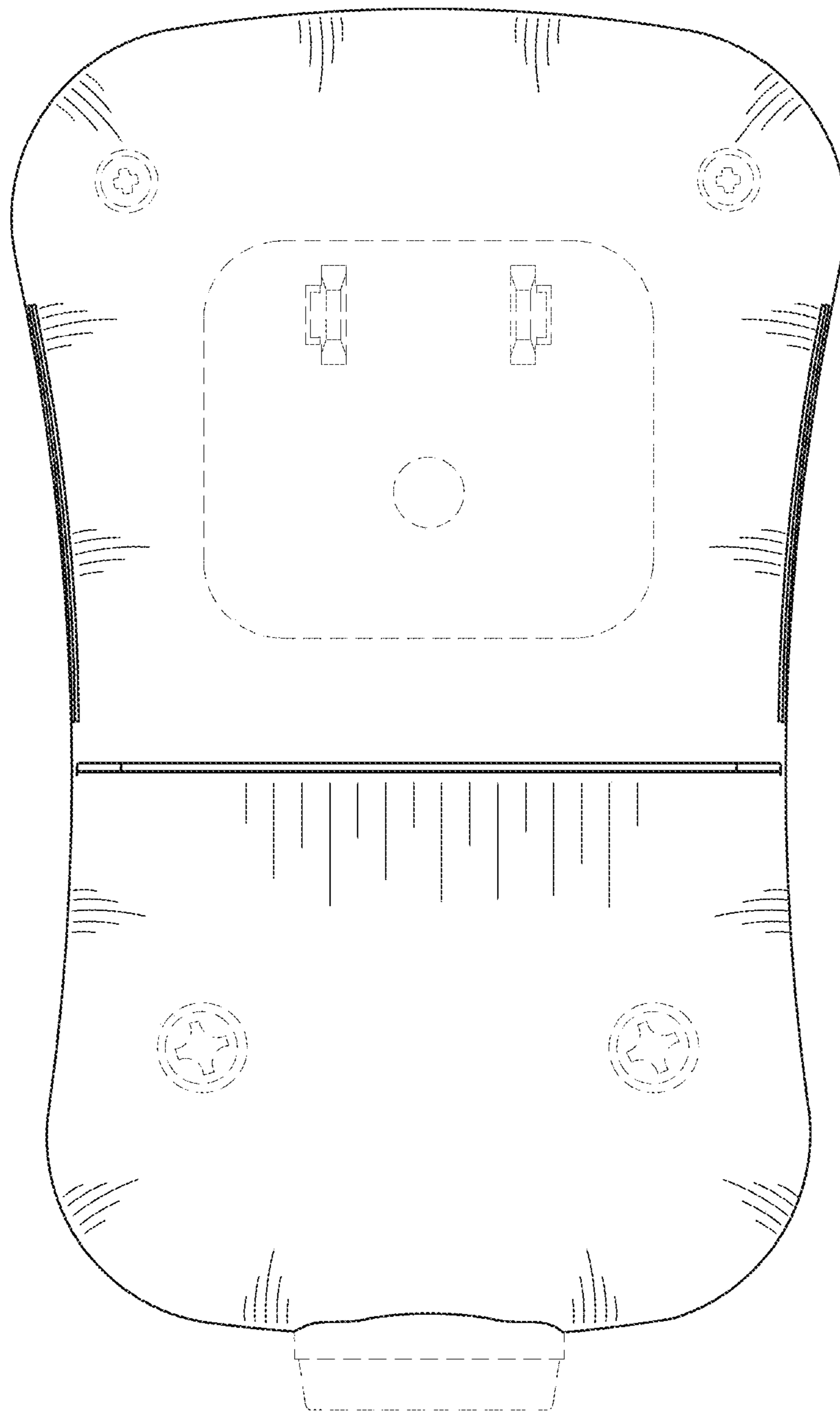


FIG. 3

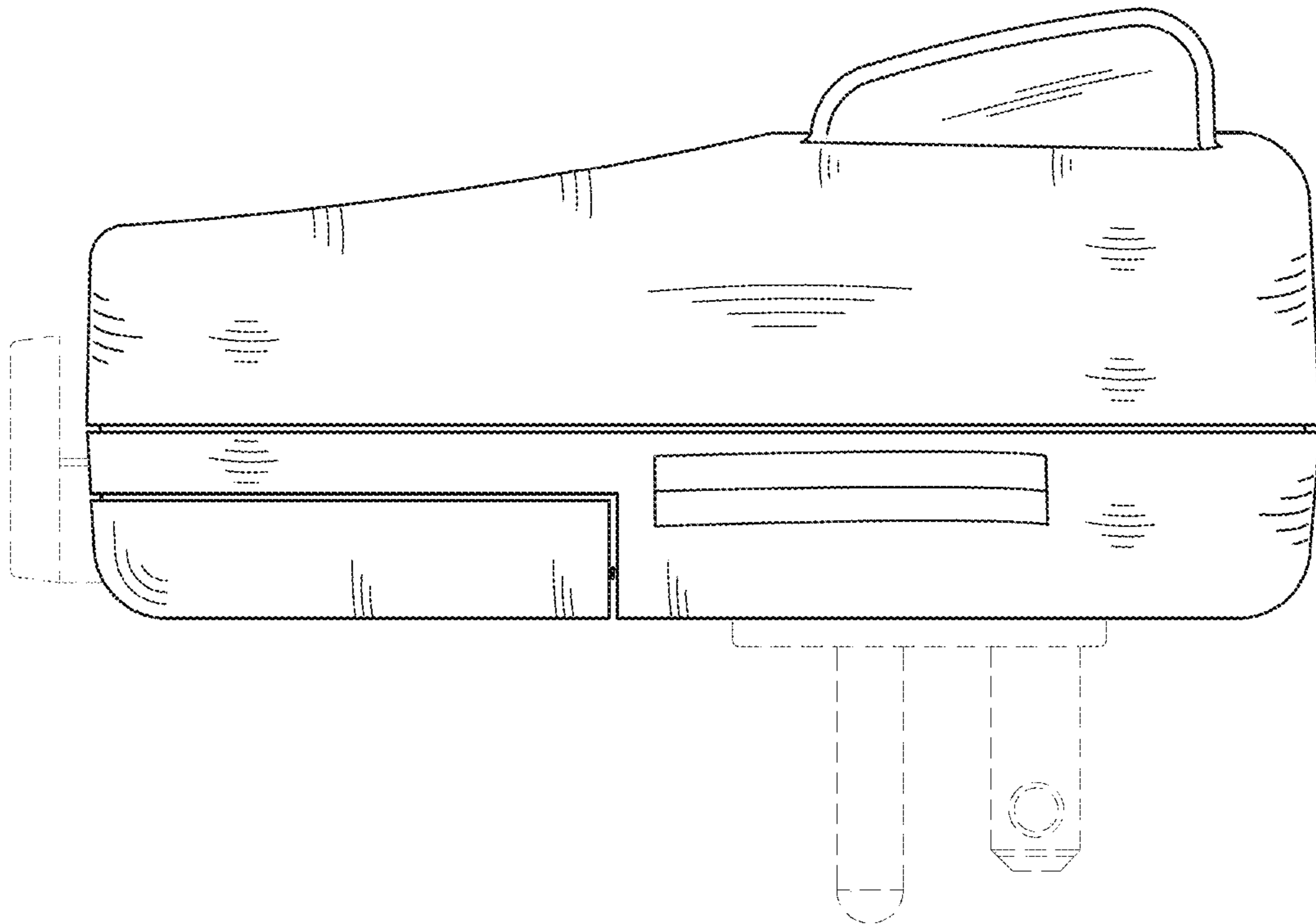


FIG. 4

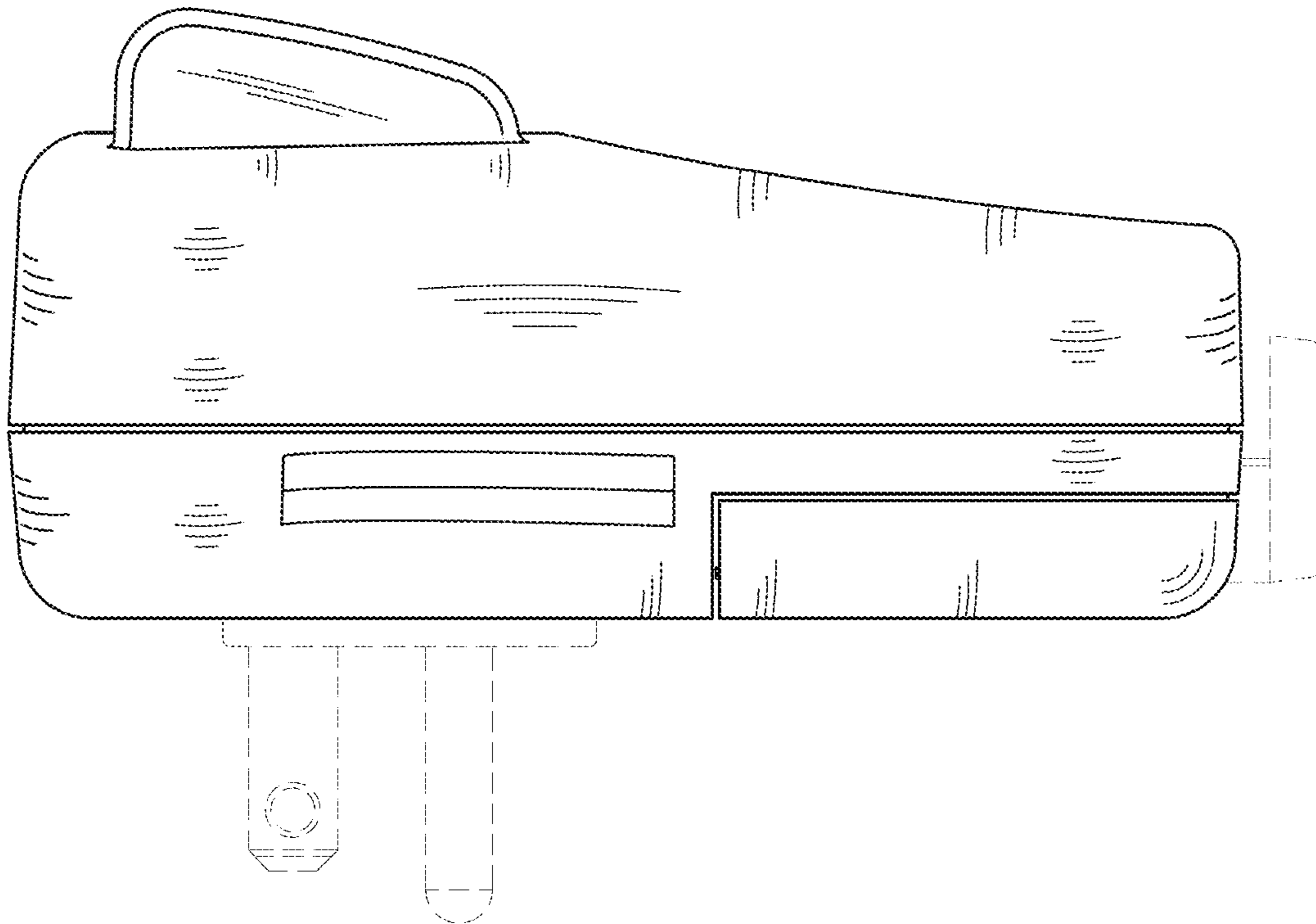


FIG. 5

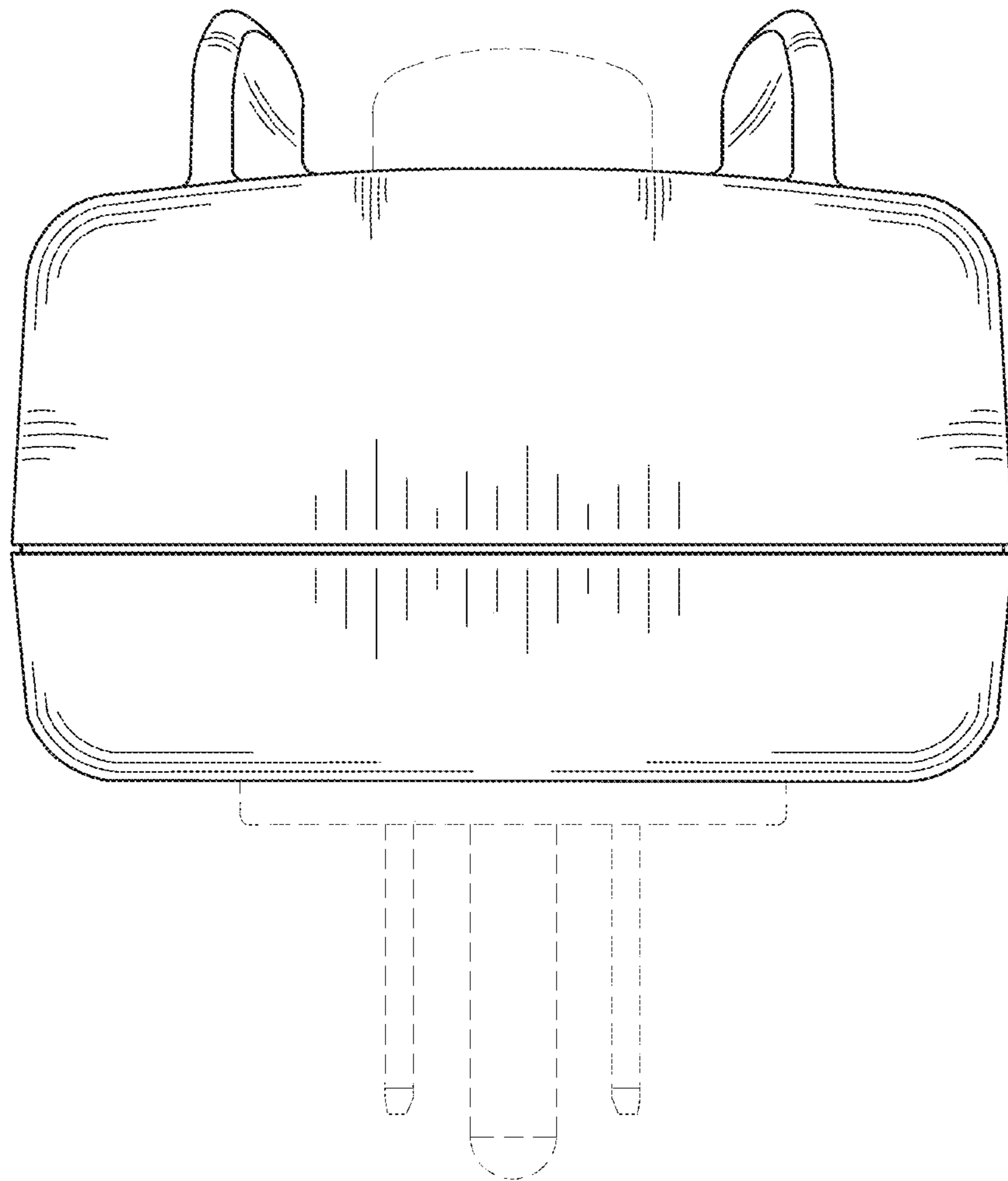


FIG. 6

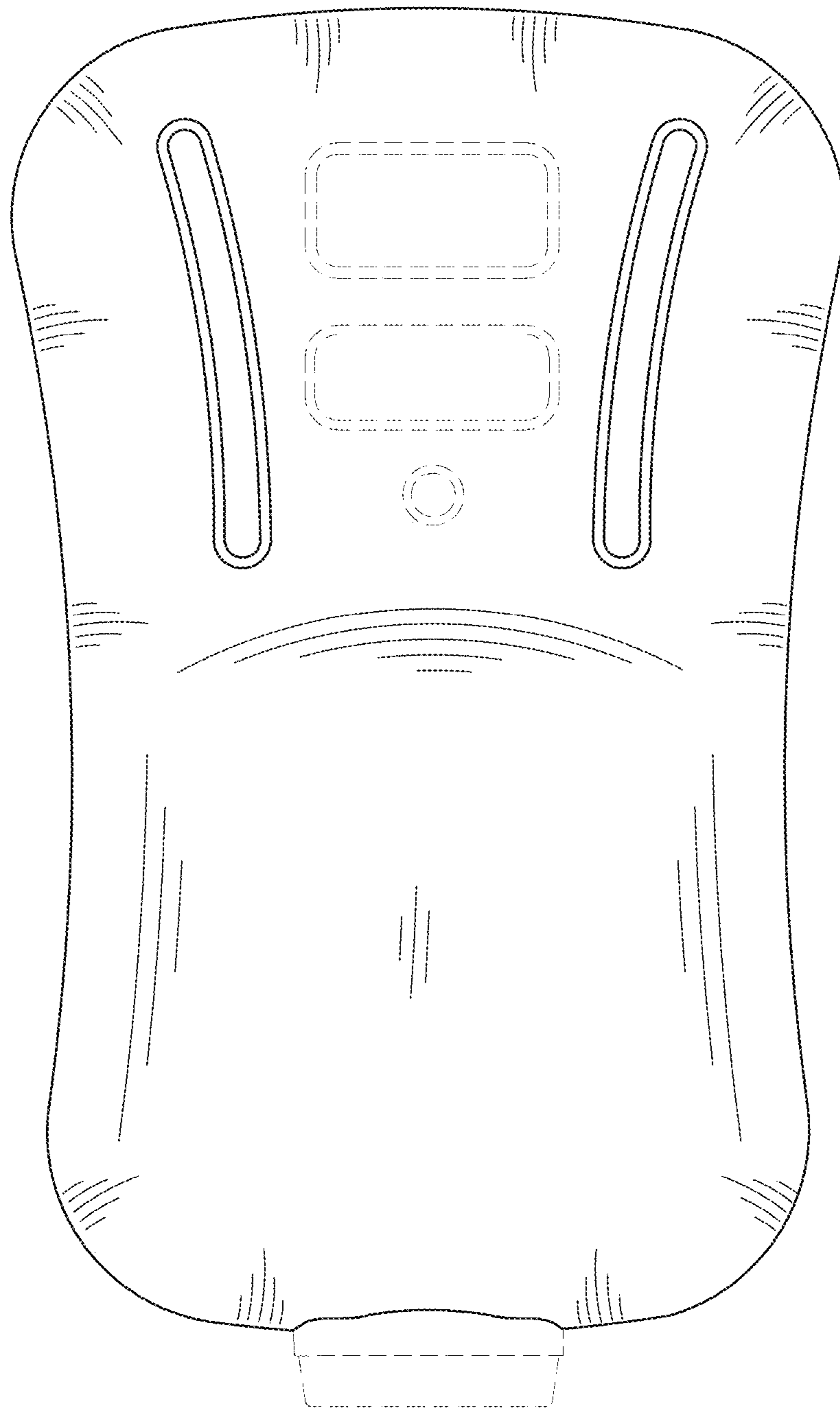


FIG. 7