



US00D962803S

(12) **United States Design Patent** (10) **Patent No.:** **US D962,803 S**
Smith (45) **Date of Patent:** **** Sep. 6, 2022**

(54) **FOOD ALLERGEN DETECTOR**

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(72) Inventor: **Sydney Alyson Smith**, Oak Park, IL (US)

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(73) Assignee: **Purdue Research Foundation**, West Lafayette, IN (US)

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

(21) Appl. No.: **29/727,813**

(22) Filed: **Mar. 13, 2020**

(51) **LOC (13) Cl.** **10-04**

(52) **U.S. Cl.**
USPC **D10/81; D10/46**

(58) **Field of Classification Search**
USPC D10/46, 81, 96-103, 83-86; D24/216, D24/231

CPC G01N 33/02; G01N 33/0004; G01N 2500/00; G01N 1/08; G01N 2001/2866; A61B 6/00; B01L 2200/0605; B01L 2400/0694; B01L 2300/1827; B01L 2300/0681; B01L 2300/0867; B01L 2200/025; B01L 2200/026; B01L 2300/0609; B01L 2400/0487; B01L 2300/042; B01L 2400/049; B01L 2300/047; B01L 2300/1822; B01L 2200/0689; B01L 2300/0654; C12Q 1/6804; C12Q 2525/205;

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(57) **CLAIM**

The ornamental design for a food allergen detector, as shown and described.

DESCRIPTION

FIG. 1 is a top front left perspective view of a food allergen detector in accordance with this invention.

FIG. 2 is a bottom front left perspective view of the food allergen detector of FIG. 1.

FIG. 3 is a front view of the food allergen detector of FIG. 1.

FIG. 4 is a rear view of the food allergen detector of FIG. 1.

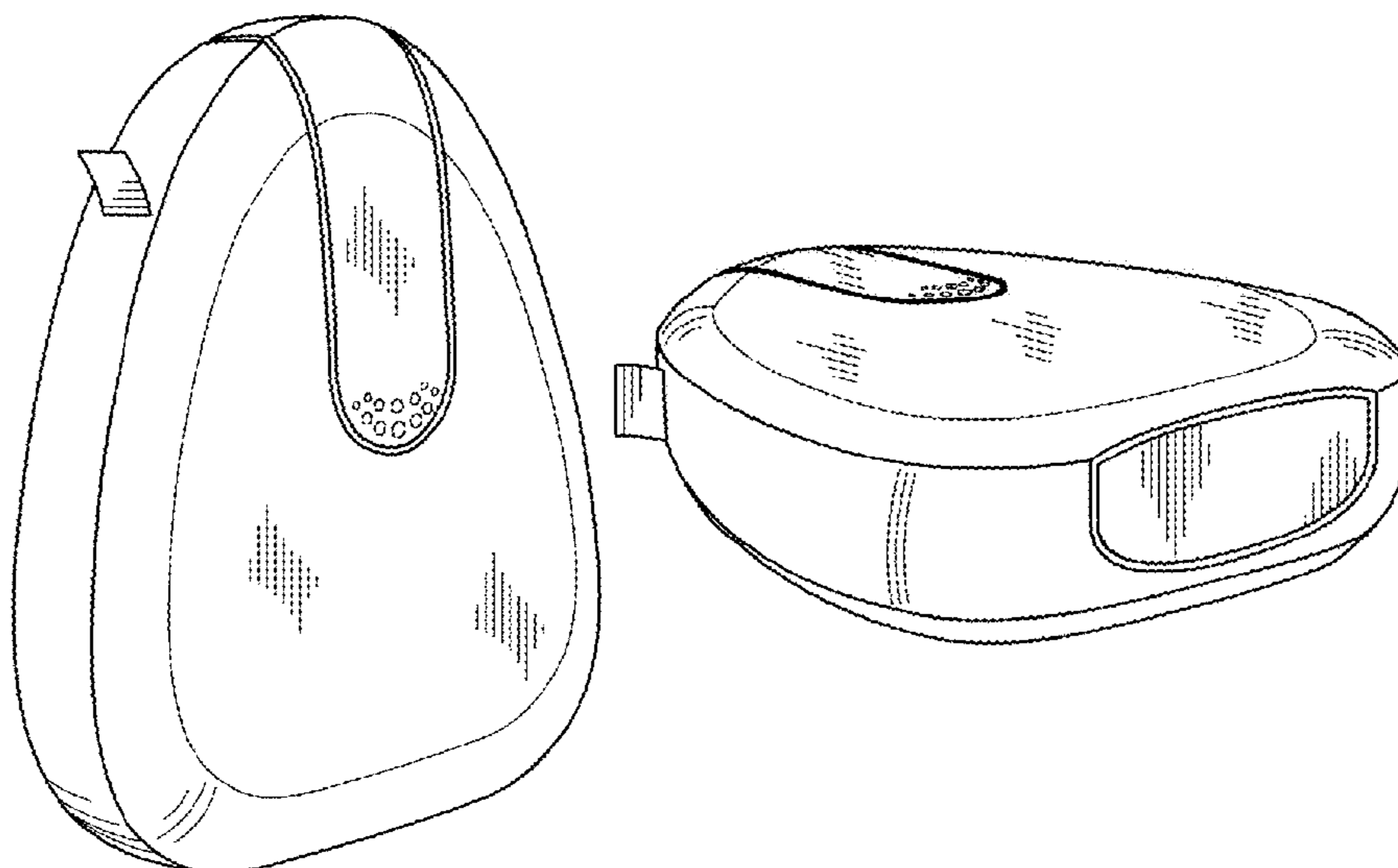
FIG. 5 is a left side view of the food allergen detector of FIG. 1.

FIG. 6 is a right side view of the food allergen detector of FIG. 1.

FIG. 7 is a top view of the food allergen detector of FIG. 1; and,

FIG. 8 is a bottom view of the food allergen detector of FIG. 1.

1 Claim, 2 Drawing Sheets



(58) **Field of Classification Search**

CPC C12Q 2563/107; C12Q 2565/1015; C12Q
2565/107

See application file for complete search history.

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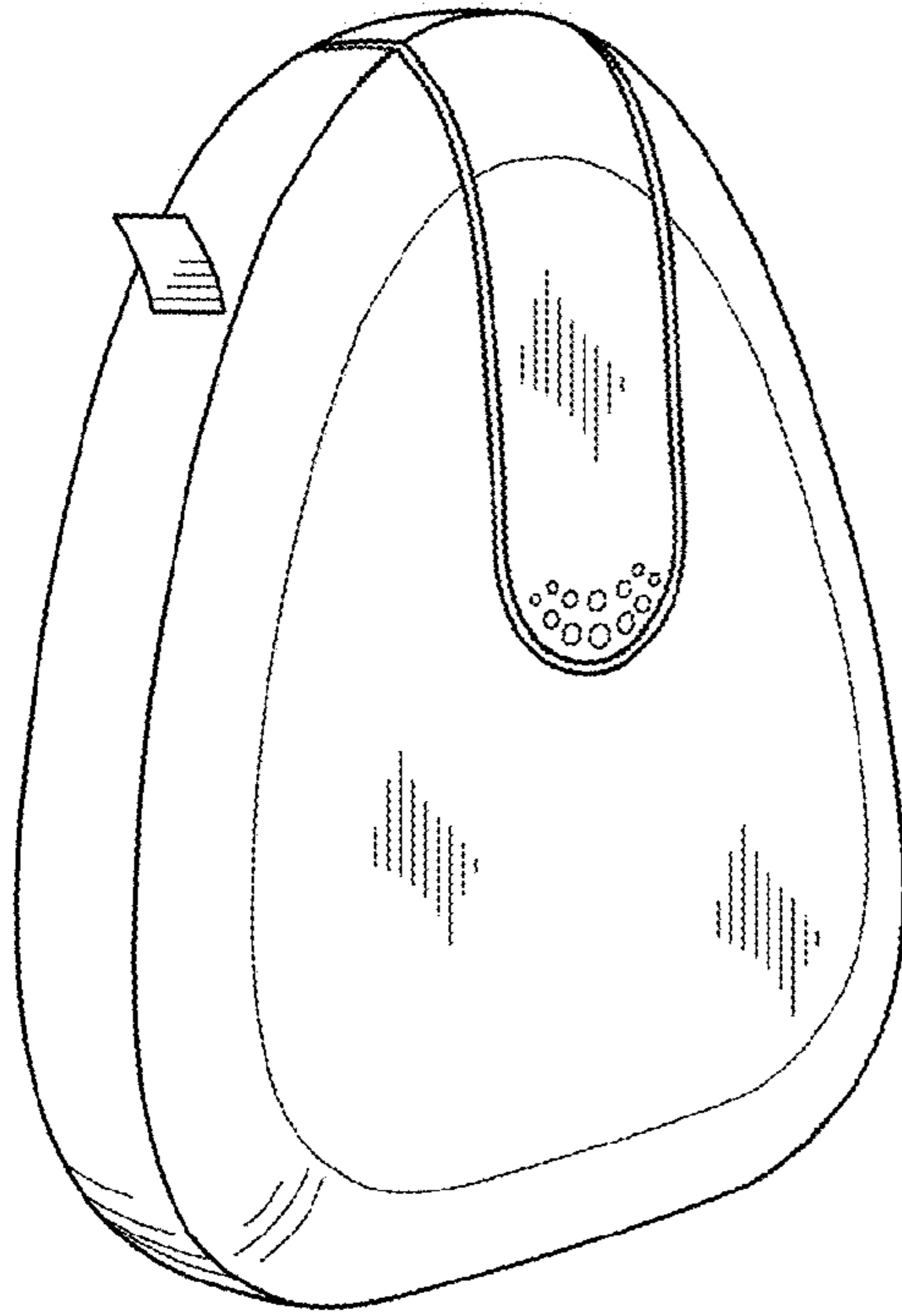


FIG. 1

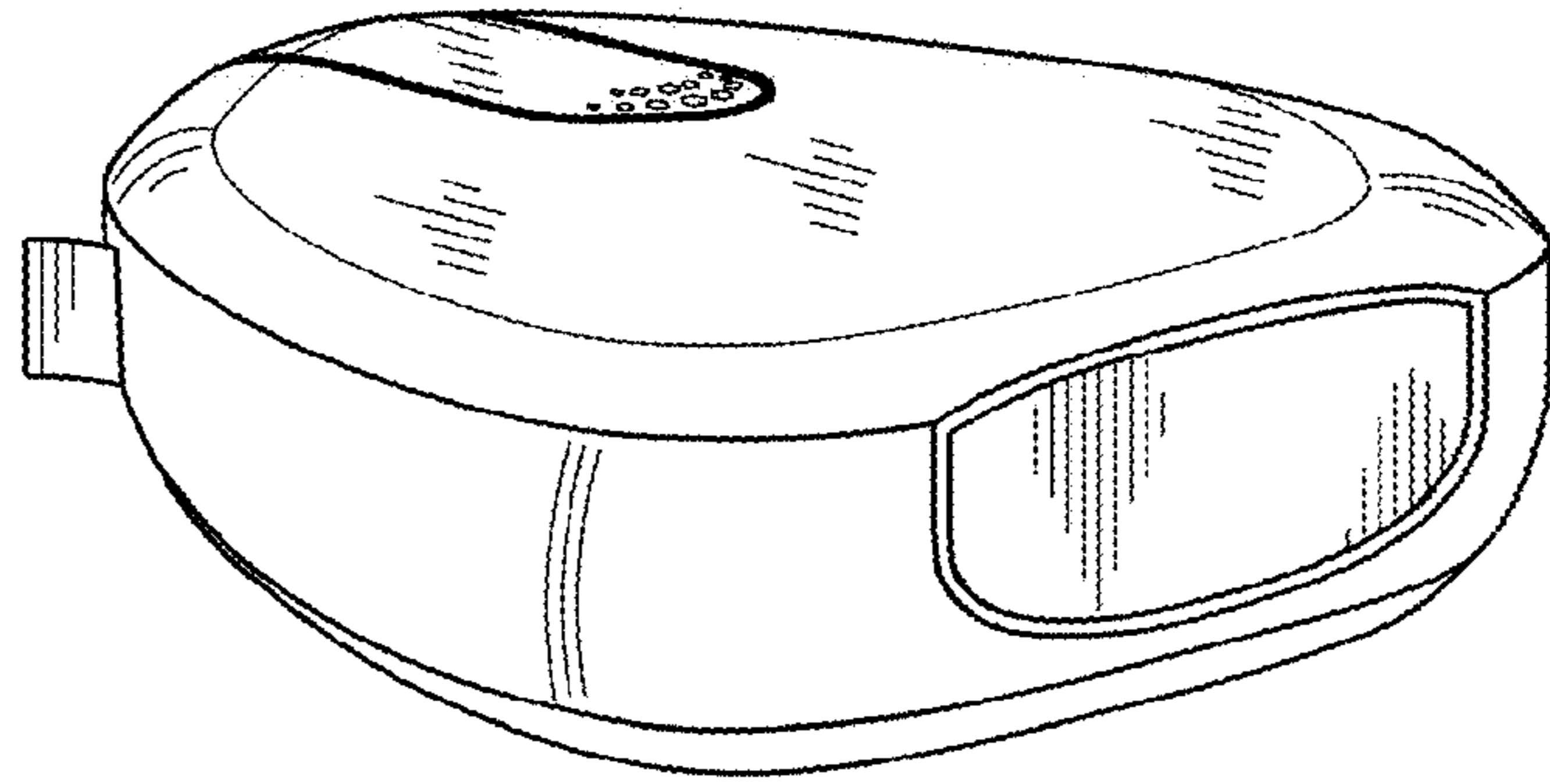


FIG. 2

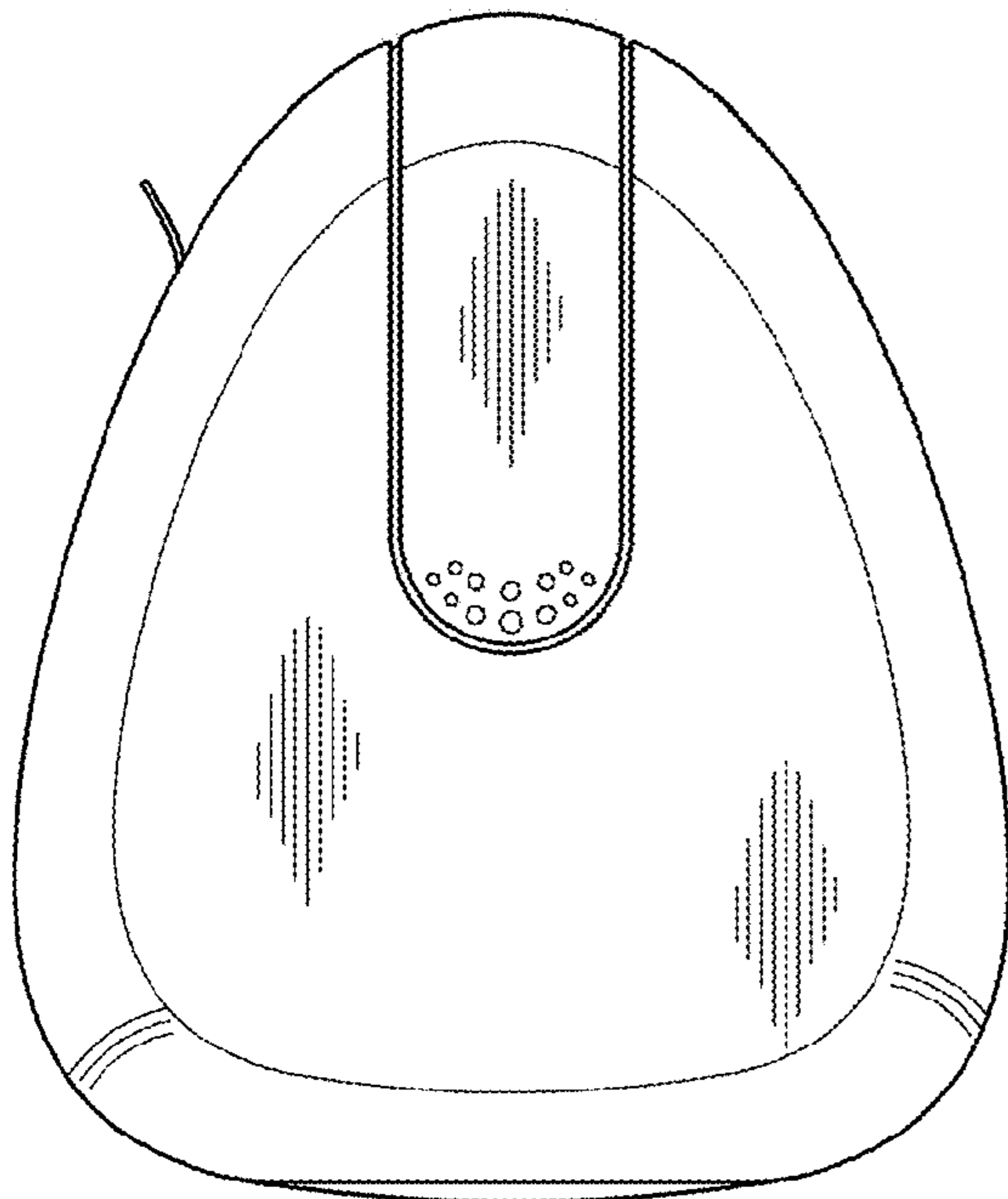


FIG. 3

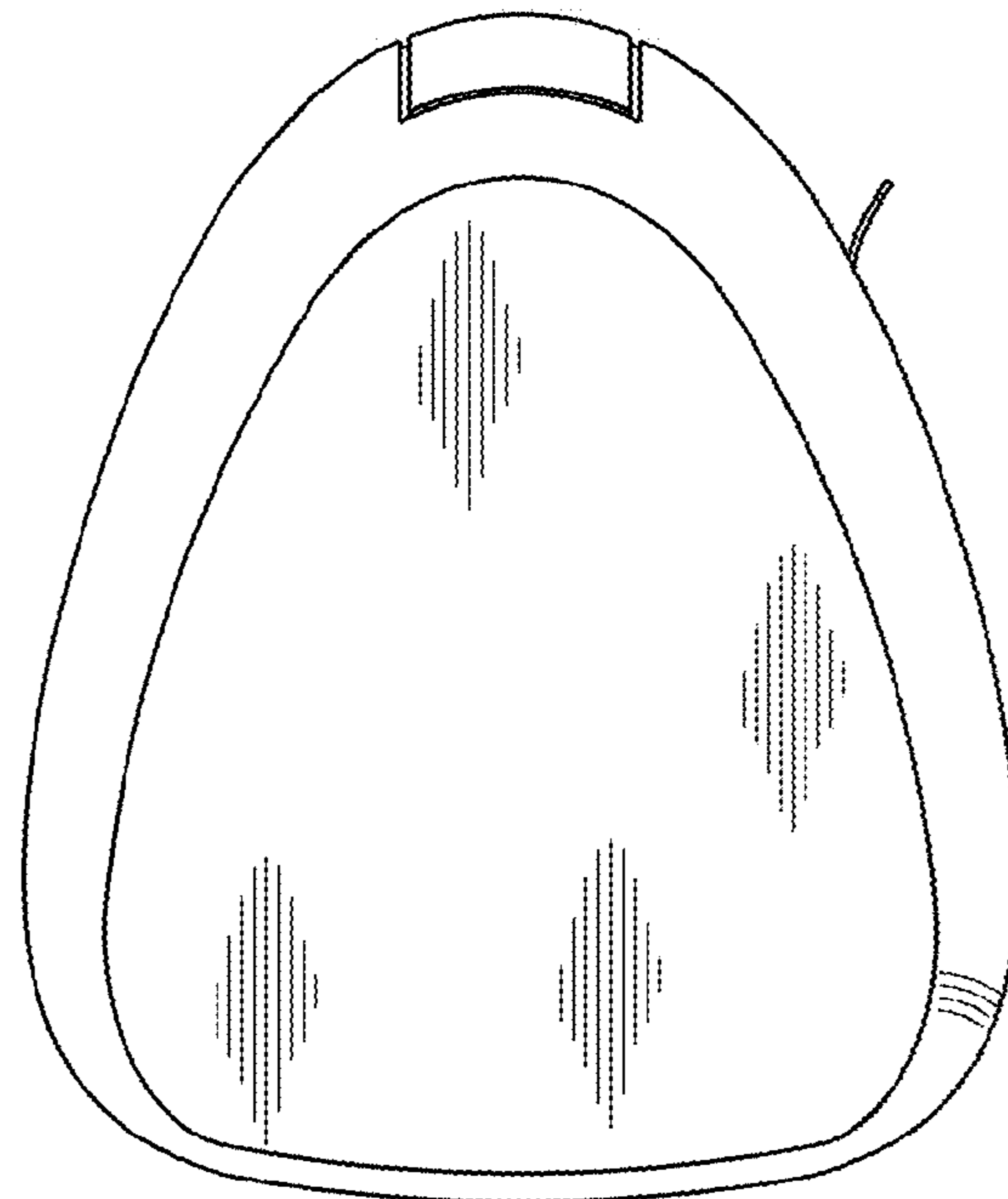


FIG. 4

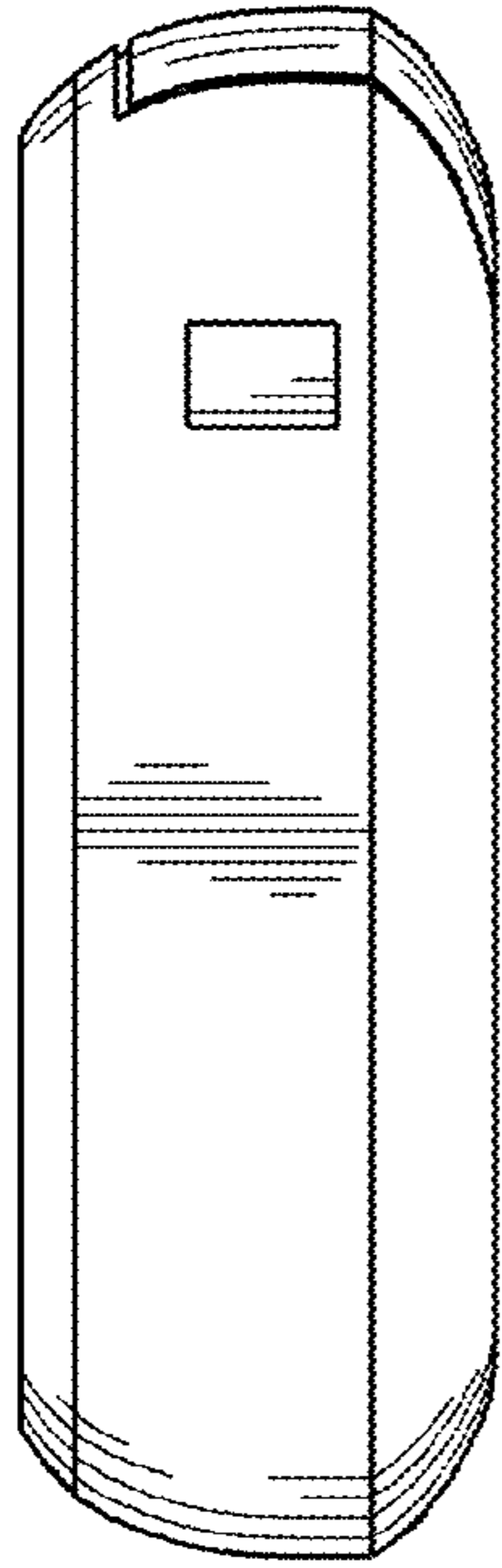


FIG. 5

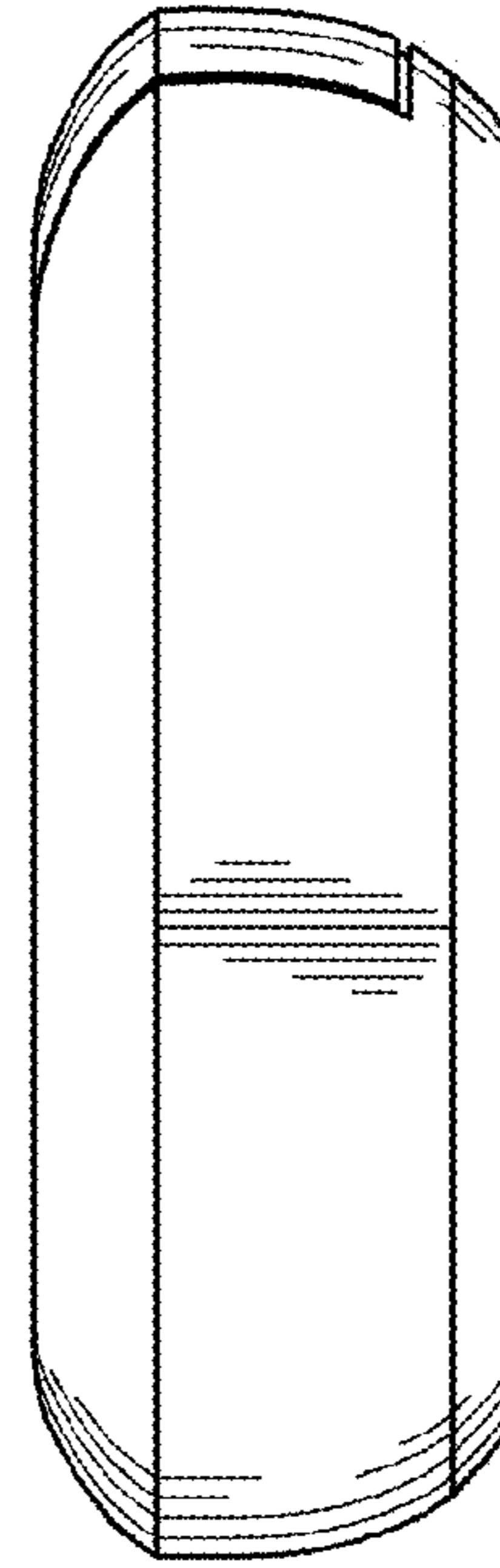


FIG. 6

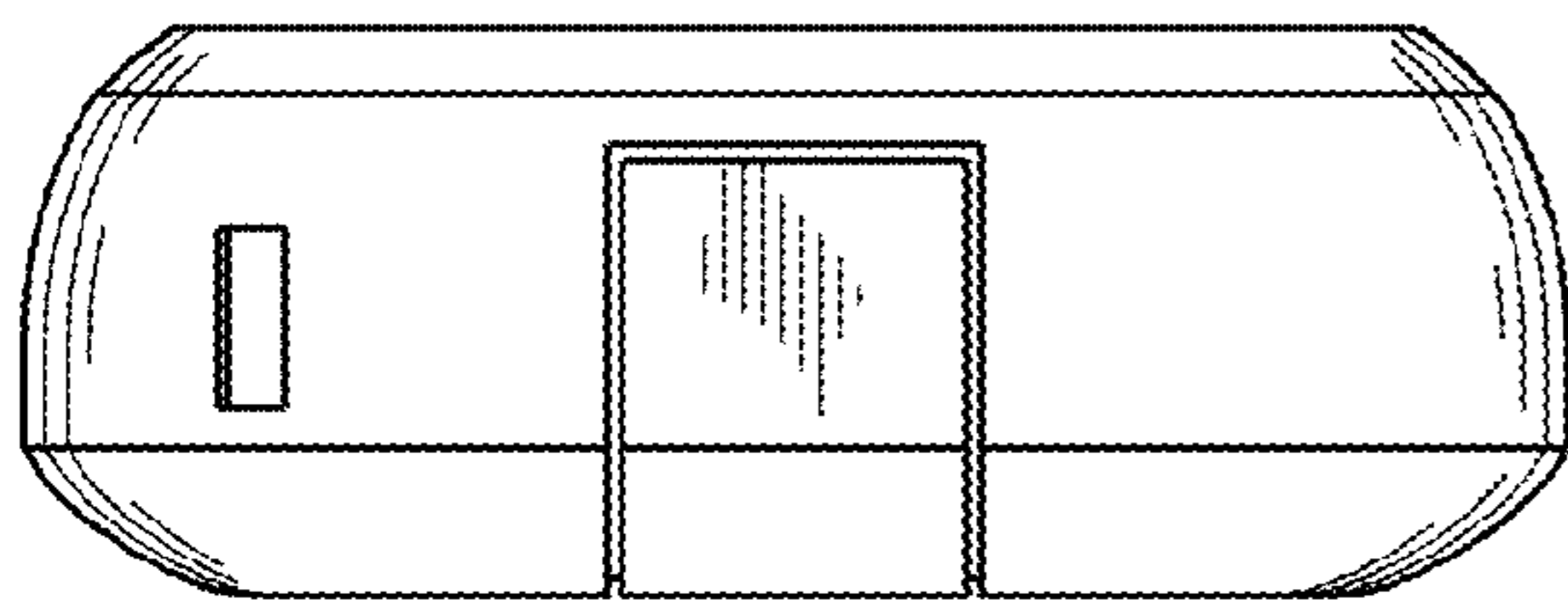


FIG. 7

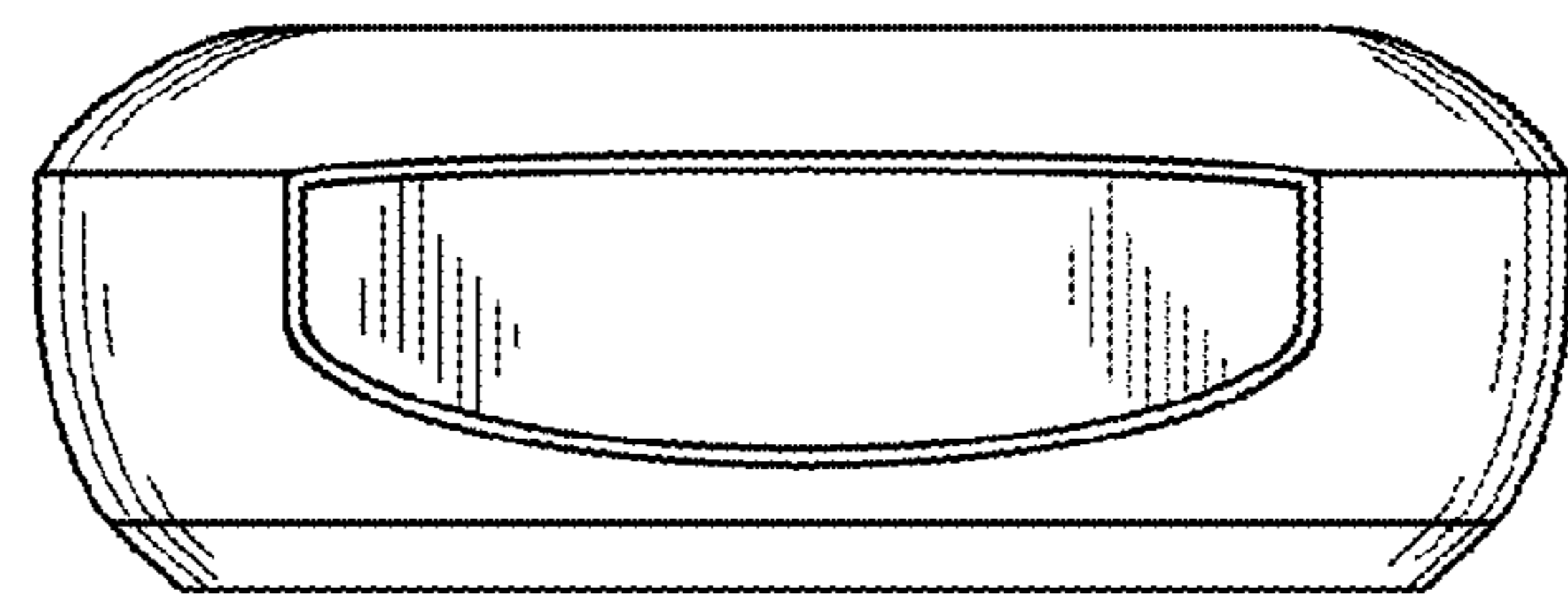


FIG. 8