



US0D1089329S

(12) **United States Design Patent** (10) **Patent No.:** **US D1,089,329 S**
Seidl (45) **Date of Patent:** **** Aug. 19, 2025**

(54) **LIQUID CHILLER**

(71) Applicant: **Luigi Lavazza S.p.A.**, Turin (IT)

(72) Inventor: **Florian Seidl**, Turin (IT)

(73) Assignee: **Luigi Lavazza S.p.A.**, Turin (IT)

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

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(22) Filed: **May 4, 2022**

(51) **LOC (15) Cl.** **15-07**

(52) **U.S. Cl.** **D15/79**
USPC

(58) **Field of Classification Search**

USPC D15/79-91
CPC F25D 17/02; F25D 16/00; F25D 15/00;
F25D 11/003; F25D 2400/36; F25D
2400/38; F25D 31/002; F25D 3/00; F25D
31/006; F25D 2400/32; F25D 3/005;
F25D 3/10; F25D 31/003; F25D 31/005;
F25D 23/061; F25D 25/04; F25D 1/00;
F25D 11/00; F25D 17/04; F25D 17/045;
F25D 17/06; F25D 17/067; F25D 19/00;
F25D 19/003; F25D 19/02; F25D 21/08;
F25D 23/006; F25D 2317/0684; F25D
2331/803; F25D 2400/02; F25D
2700/121; F25D

(Continued)

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(Continued)

Primary Examiner — Khawaja Anwar

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(57) **CLAIM**

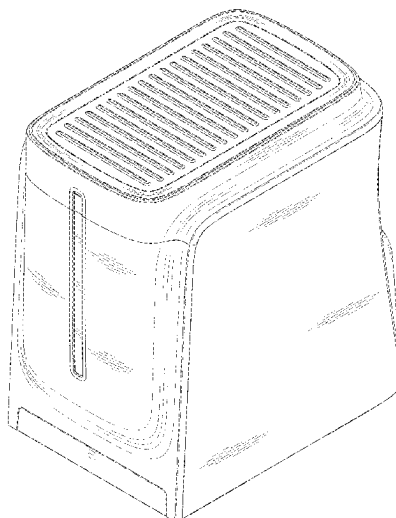
The ornamental design for a liquid chiller, as shown and described.

DESCRIPTION

FIG. 1 is a top, front, right perspective view of a liquid chiller according to a first embodiment of my new design; FIG. 2 is a bottom, rear, left perspective view thereof; FIG. 3 is a front view thereof; FIG. 4 is a rear view thereof; FIG. 5 is a right side view thereof; FIG. 6 is a left side view thereof; FIG. 7 is a top view thereof; FIG. 8 is a bottom view thereof; FIG. 9 is a top, front, right perspective view of a liquid chiller according to a second embodiment of my new design; FIG. 10 is a bottom, rear, left perspective view thereof; FIG. 11 is a front view thereof; FIG. 12 is a rear view thereof; FIG. 13 is a right side view thereof; FIG. 14 is a left side view thereof; FIG. 15 is a top view thereof; FIG. 16 is a bottom view thereof; FIG. 17 is a top, front, right perspective view of a liquid chiller according to a third embodiment of my new design; FIG. 18 is a bottom, rear, left perspective view thereof; FIG. 19 is a front view thereof; FIG. 20 is a rear view thereof; FIG. 21 is a right side view thereof; FIG. 22 is a left side view thereof; FIG. 23 is a top view thereof; and, FIG. 24 is a bottom view thereof.

The broken lines illustrating portions of the liquid chiller form no part of the claimed design. The dot-dash broken lines define the bounds of the claimed design and form no part thereof.

1 Claim, 24 Drawing Sheets



(58) **Field of Classification Search**

CPC 29/00; F25D 29/001; F25D 13/06; F25D
13/062; F25D 13/067; F25D 21/125;
F25D 23/126; F25D 2323/121; F25D
2331/809; F25D 2331/811; F25D
2400/20; F25D 2400/28; F25D 2400/30;
F25D 2500/04; F25D 2700/06; F25D
29/005; F25D 31/00

See application file for complete search history.

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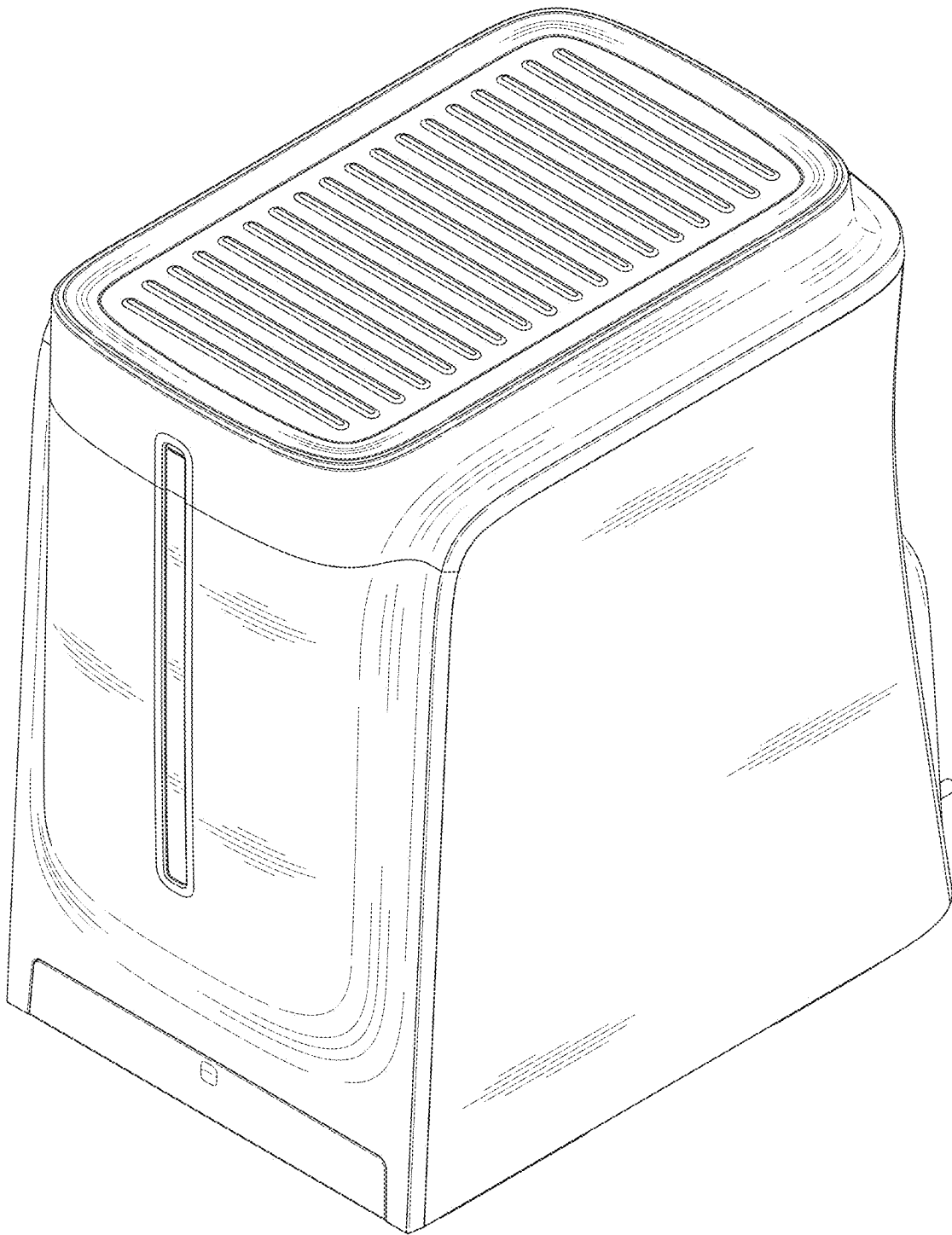


FIG. 1

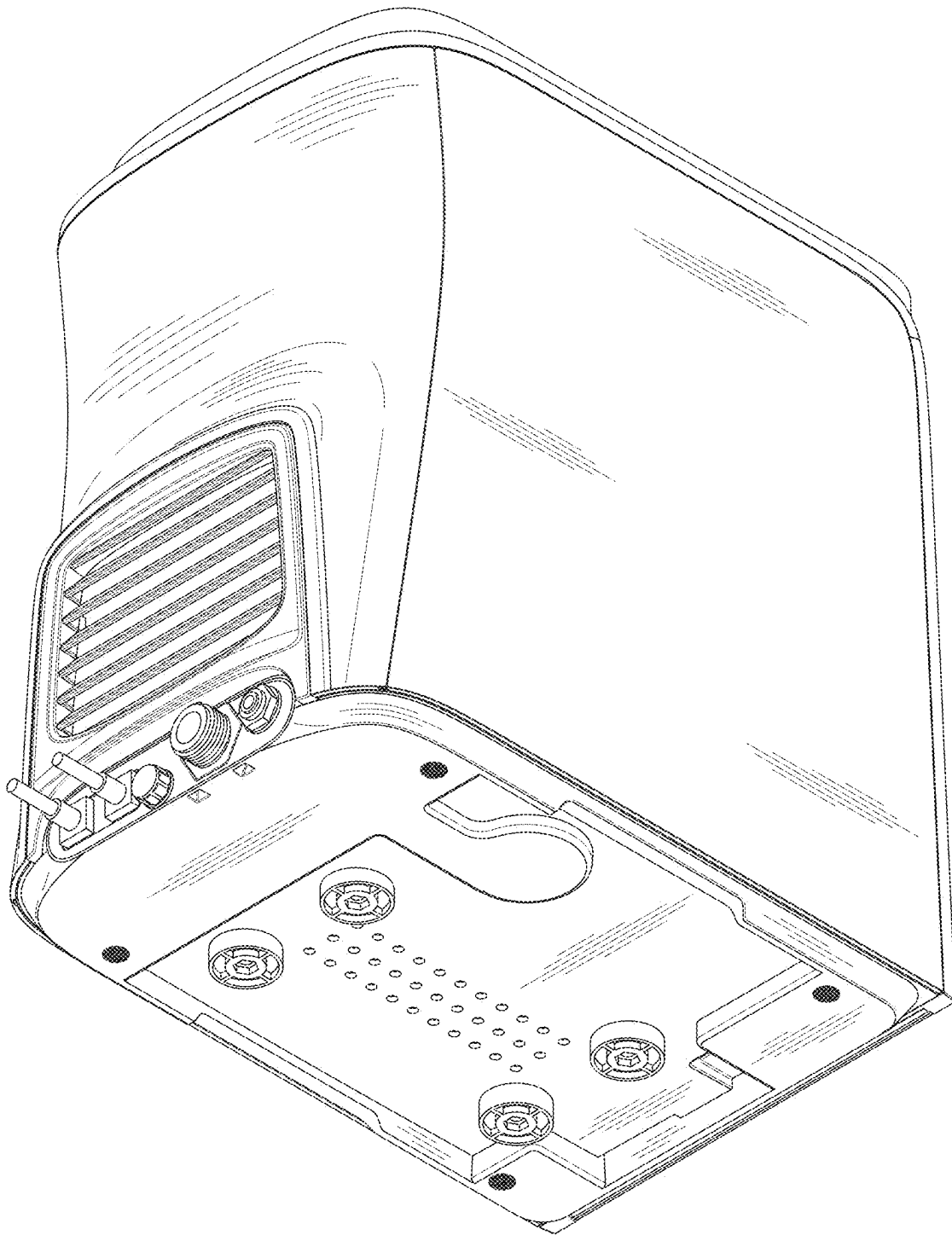


FIG. 2

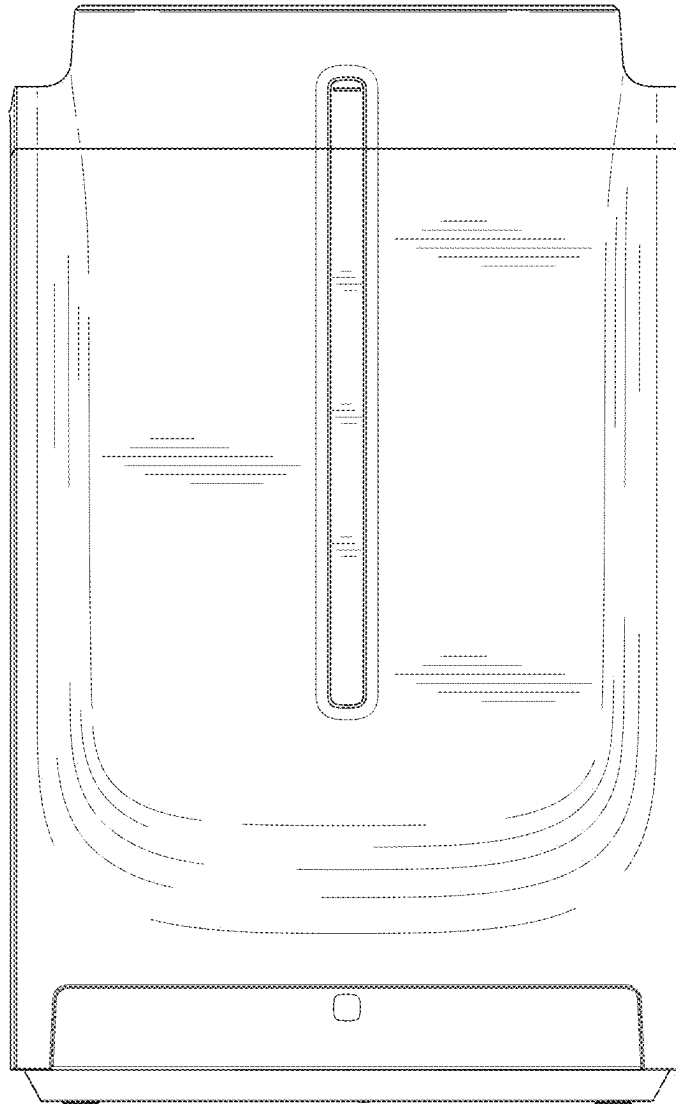


FIG. 3

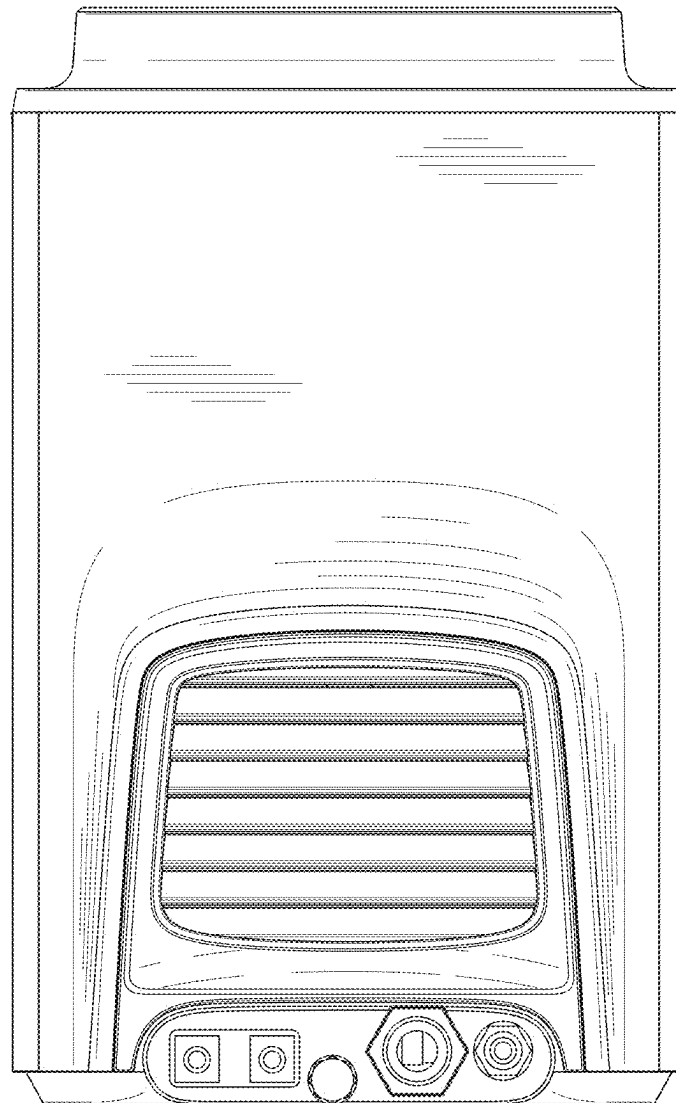


FIG. 4

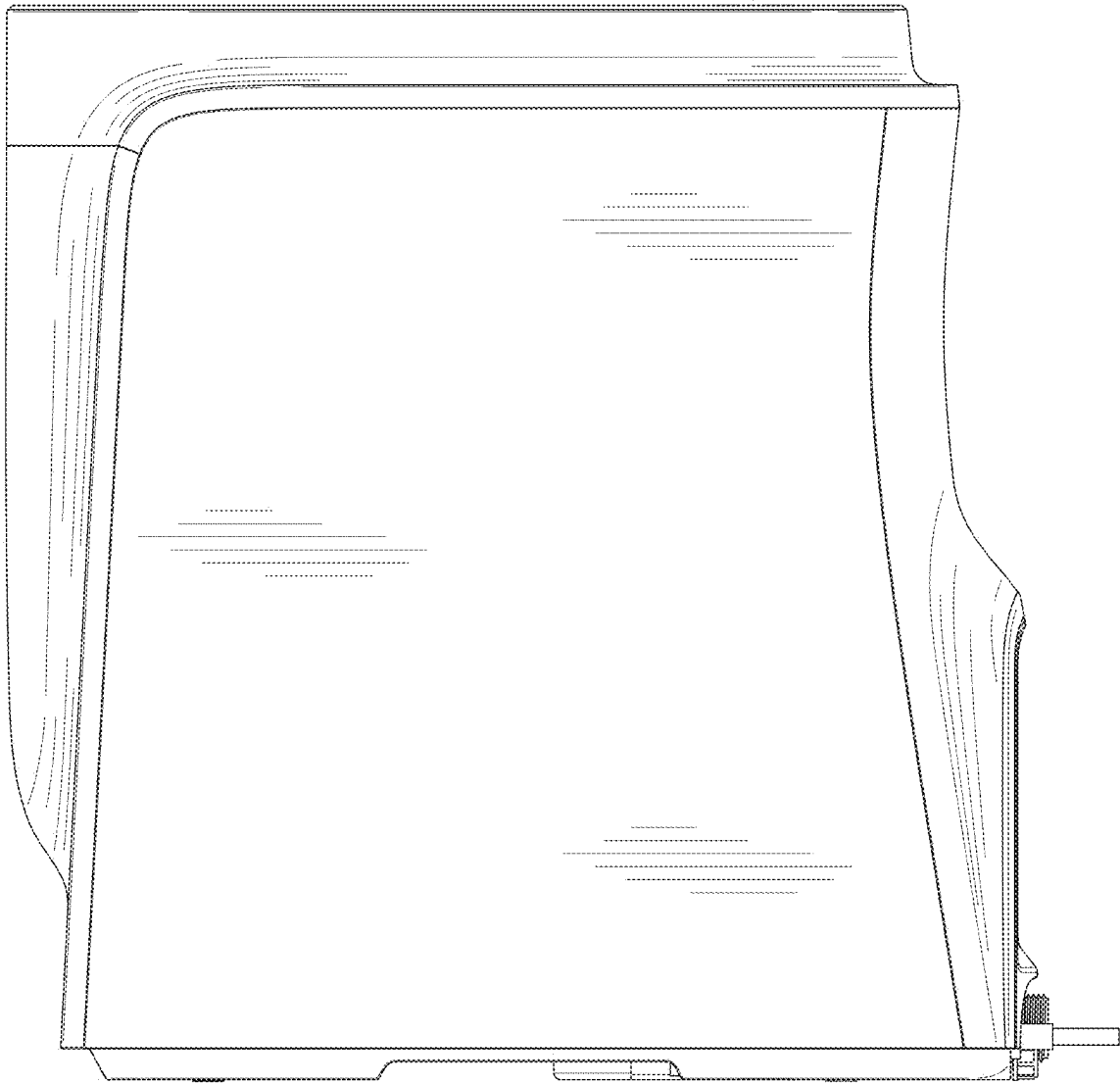


FIG. 5

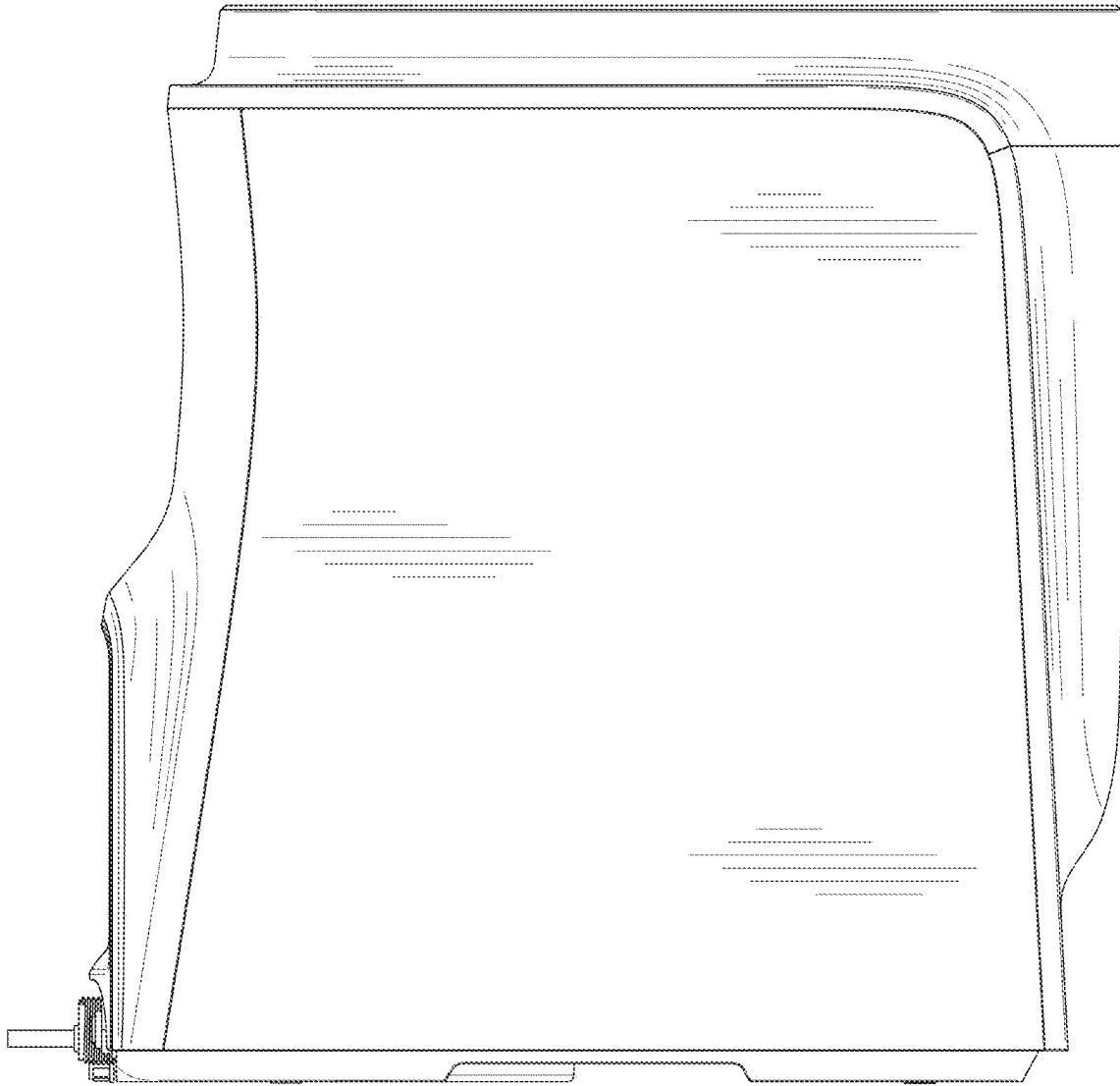


FIG. 6

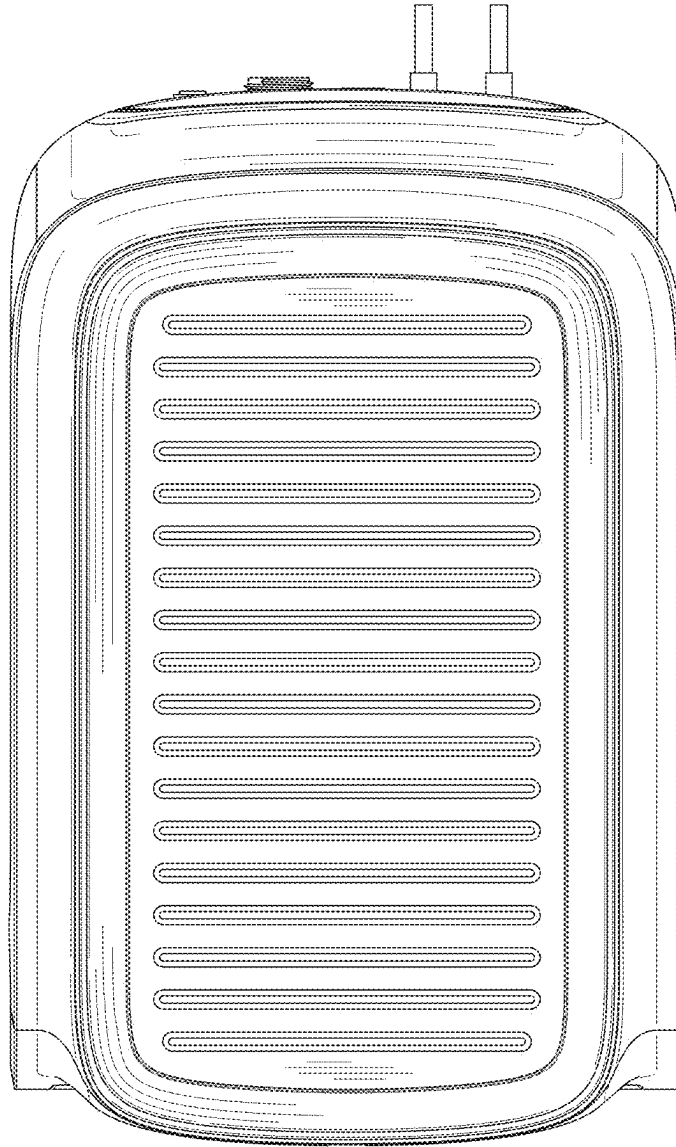


FIG. 7

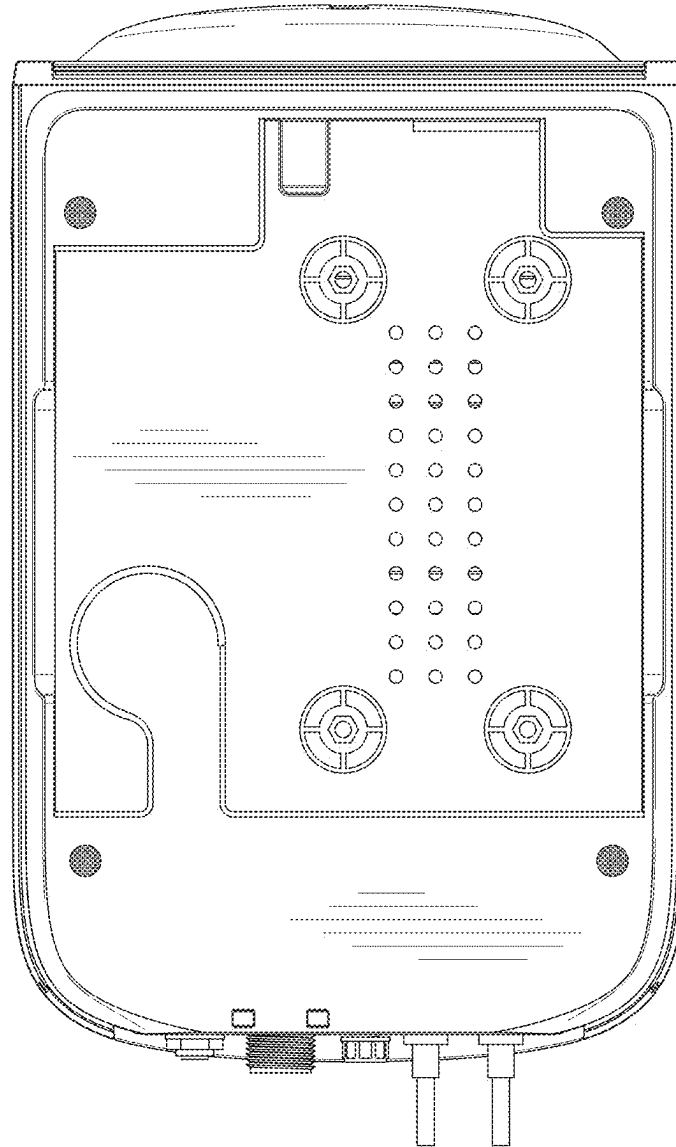


FIG. 8

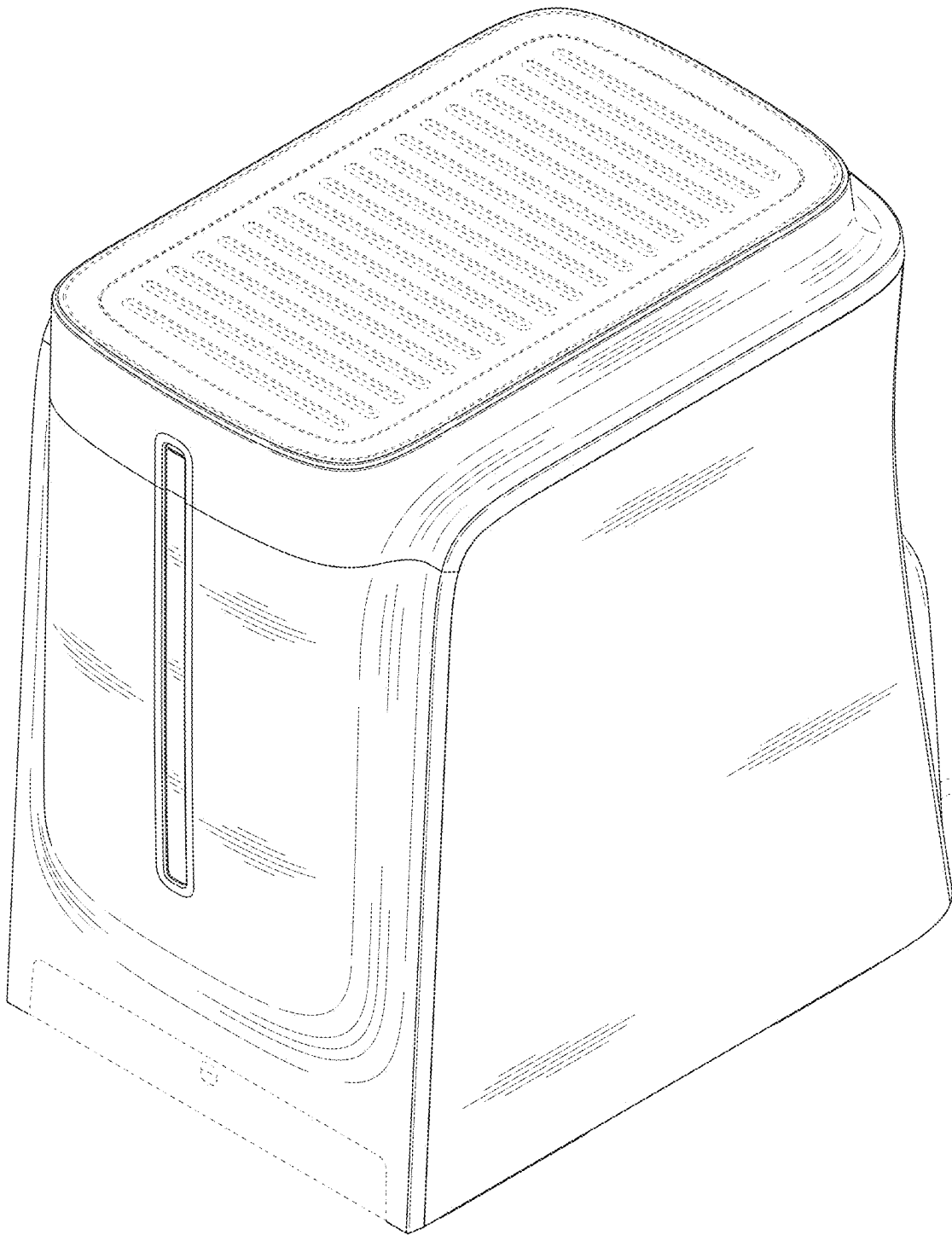


FIG. 9

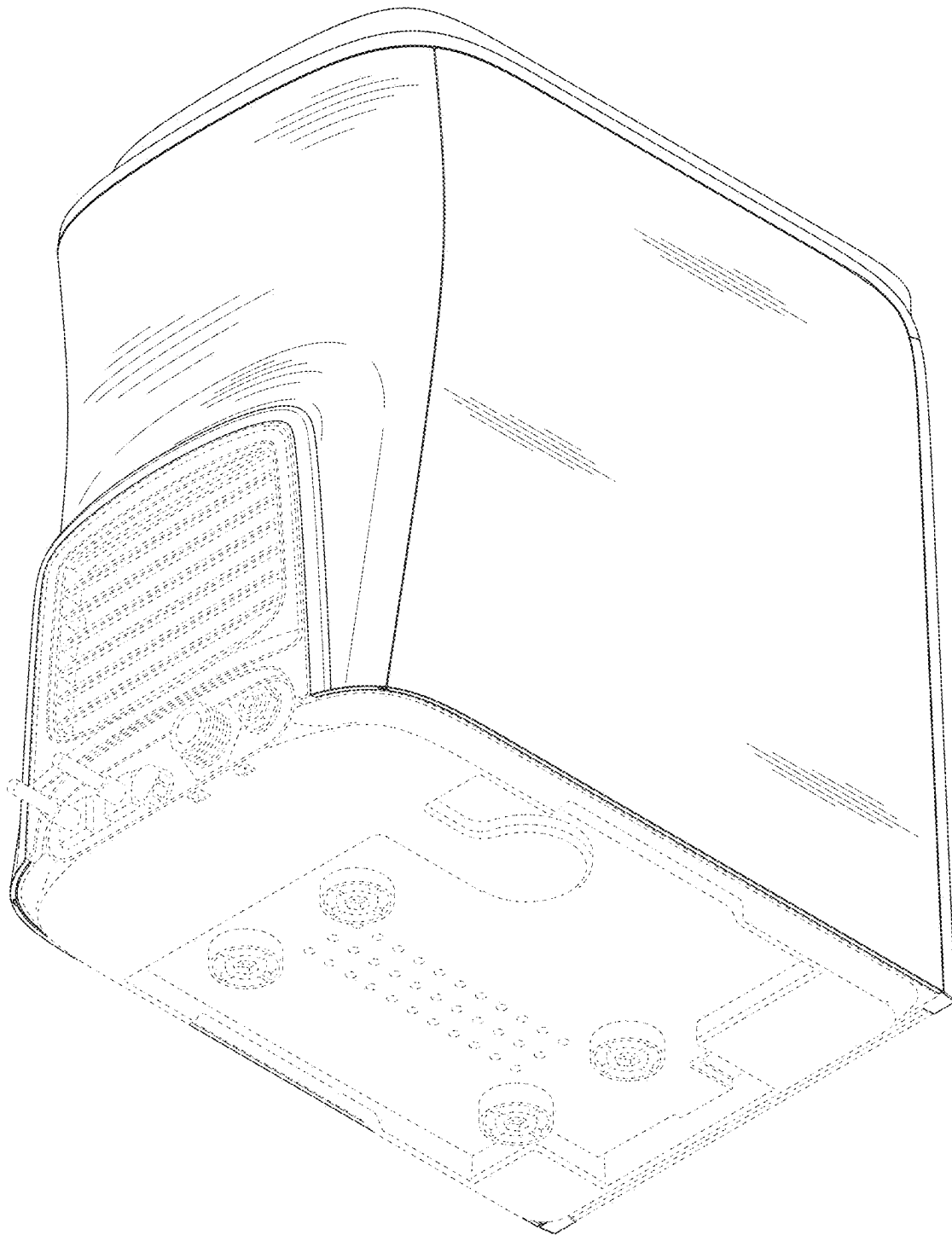


FIG. 10

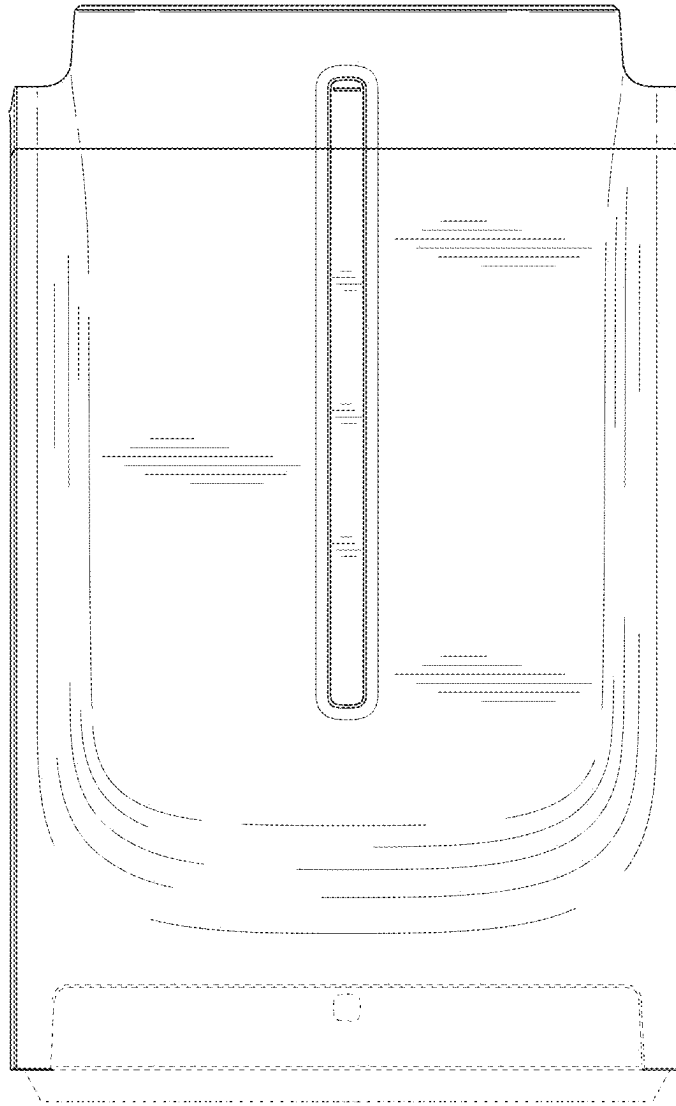


FIG. 11

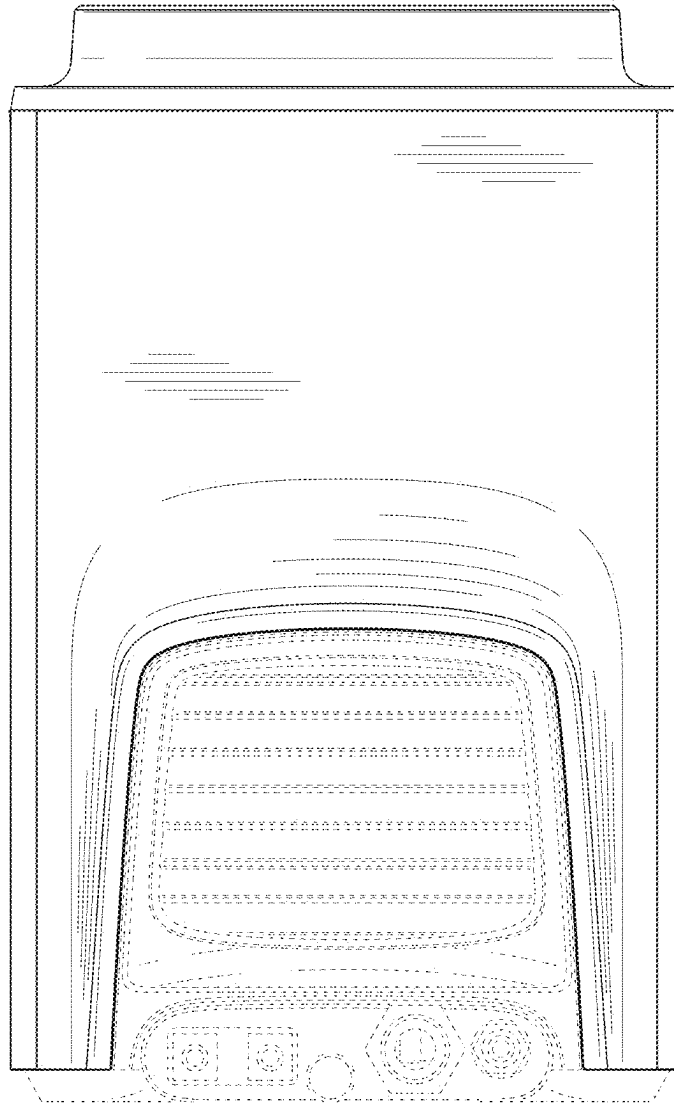


FIG. 12

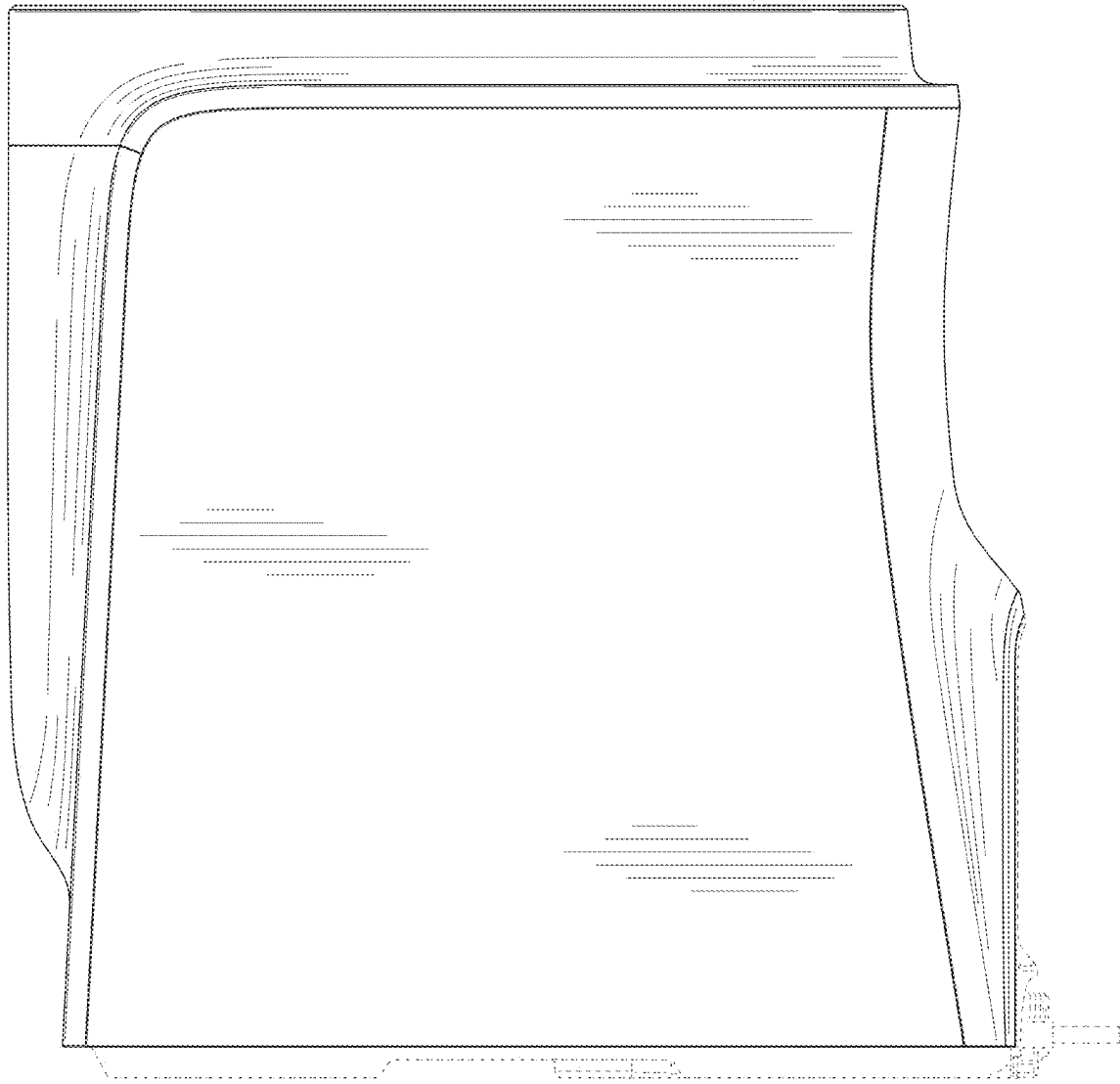


FIG. 13

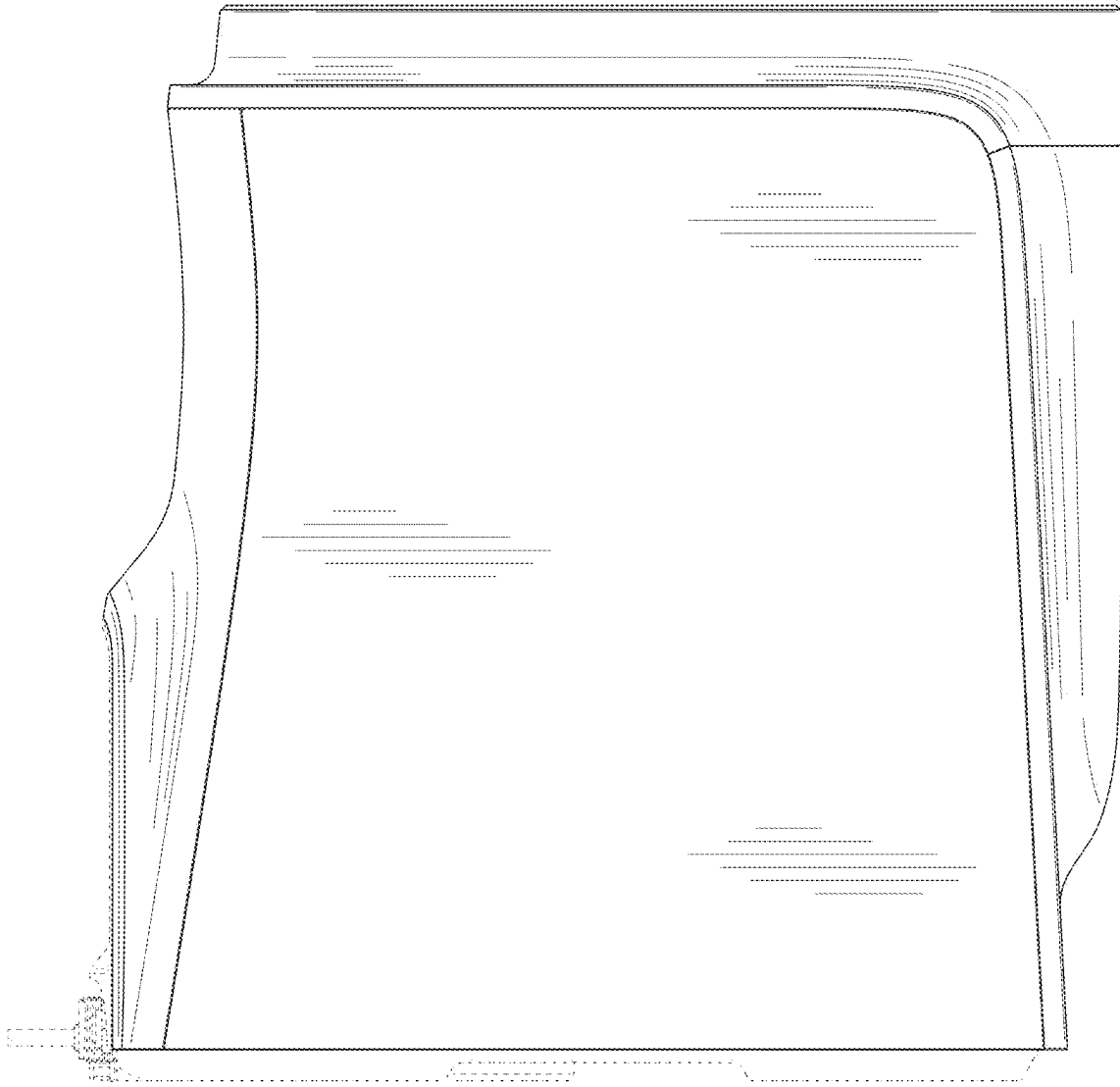


FIG. 14

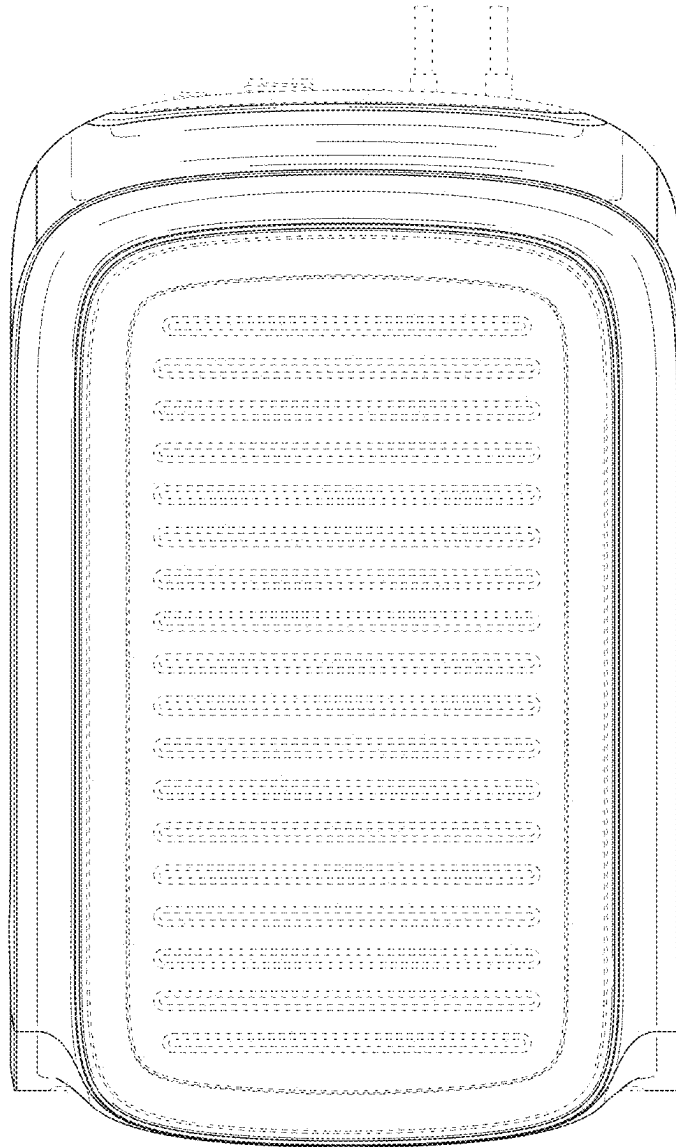


FIG. 15

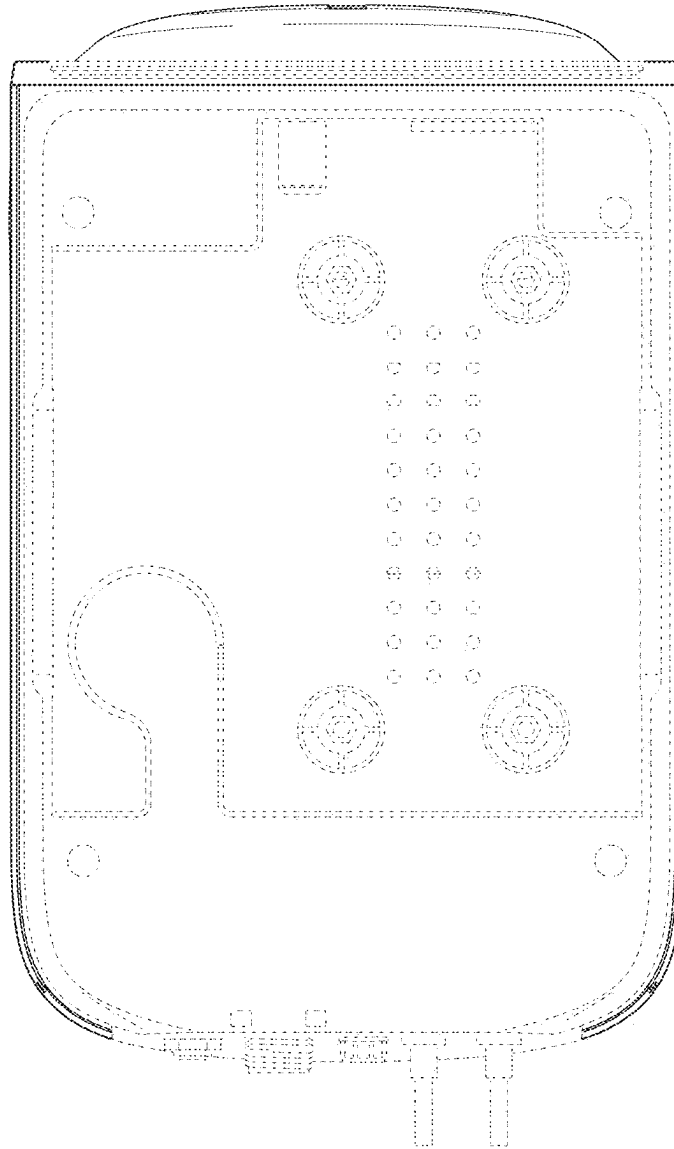


FIG. 16

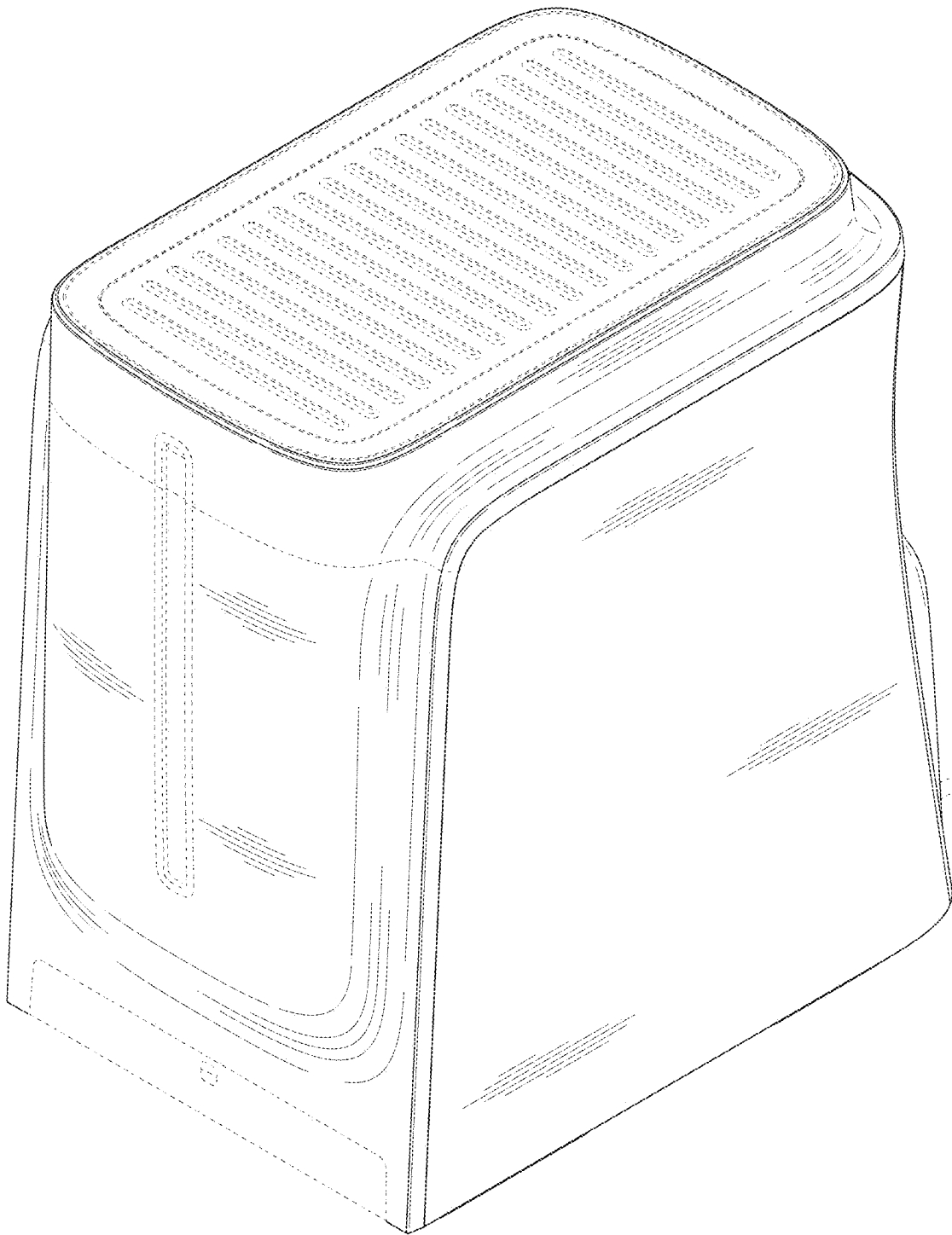


FIG. 17

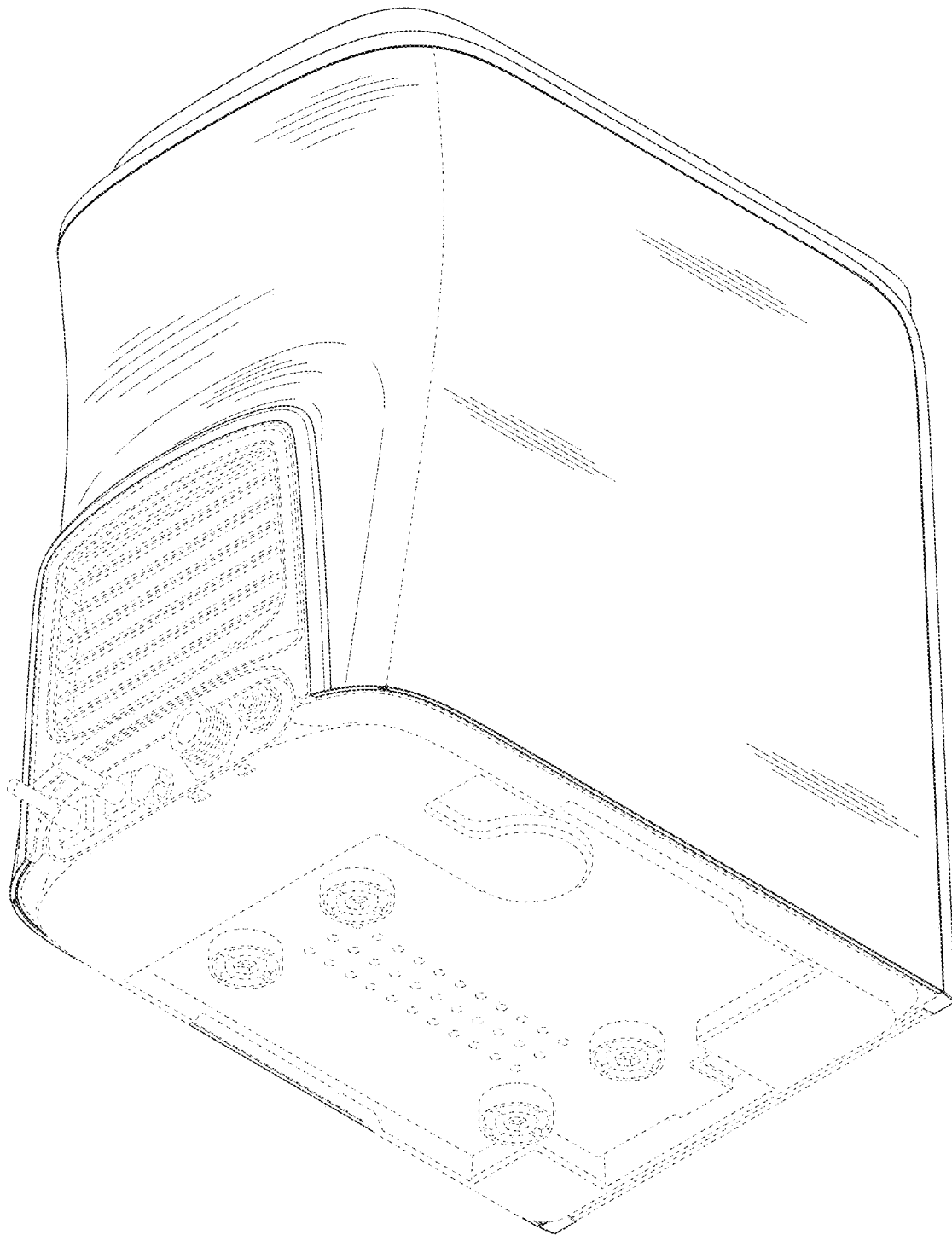


FIG. 18

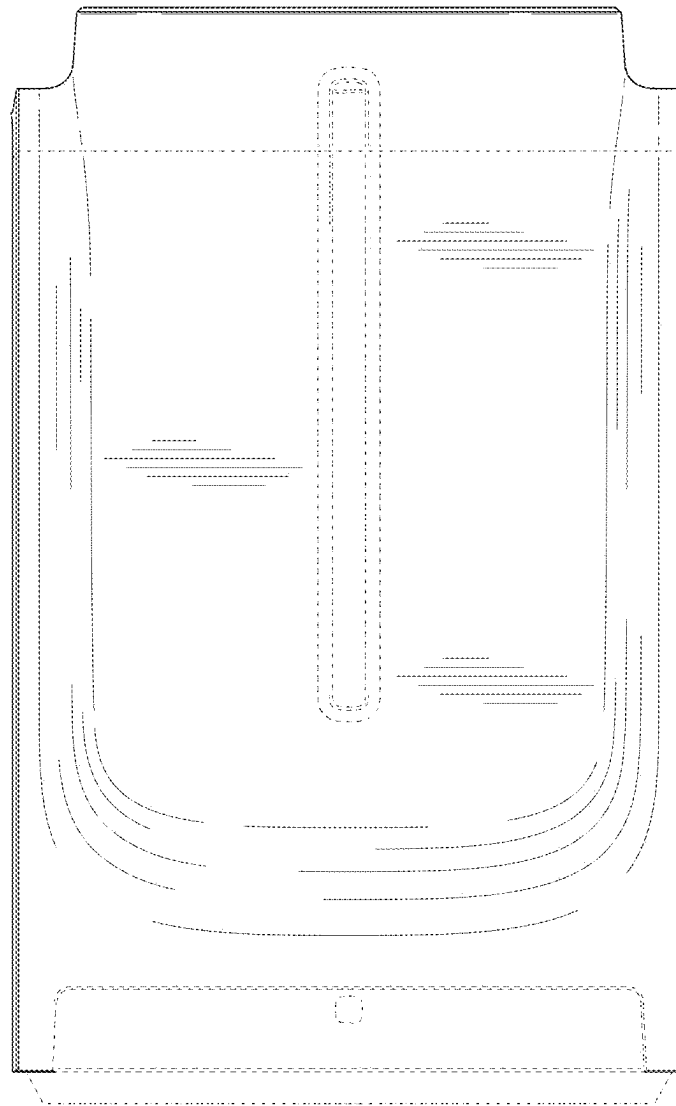


FIG. 19

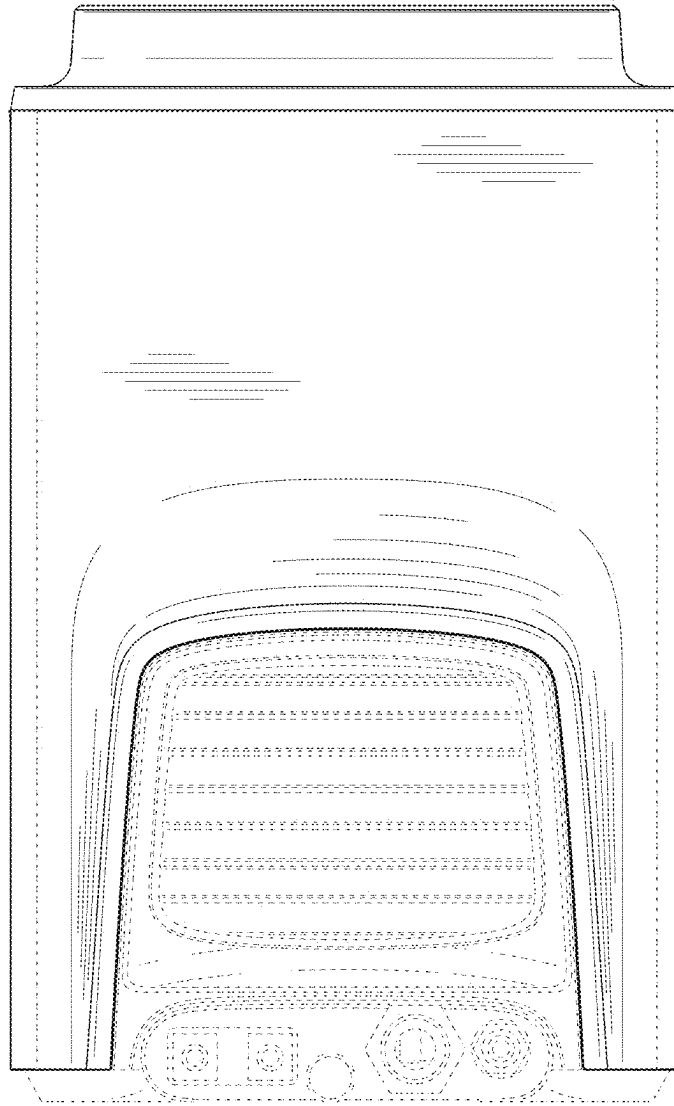


FIG. 20

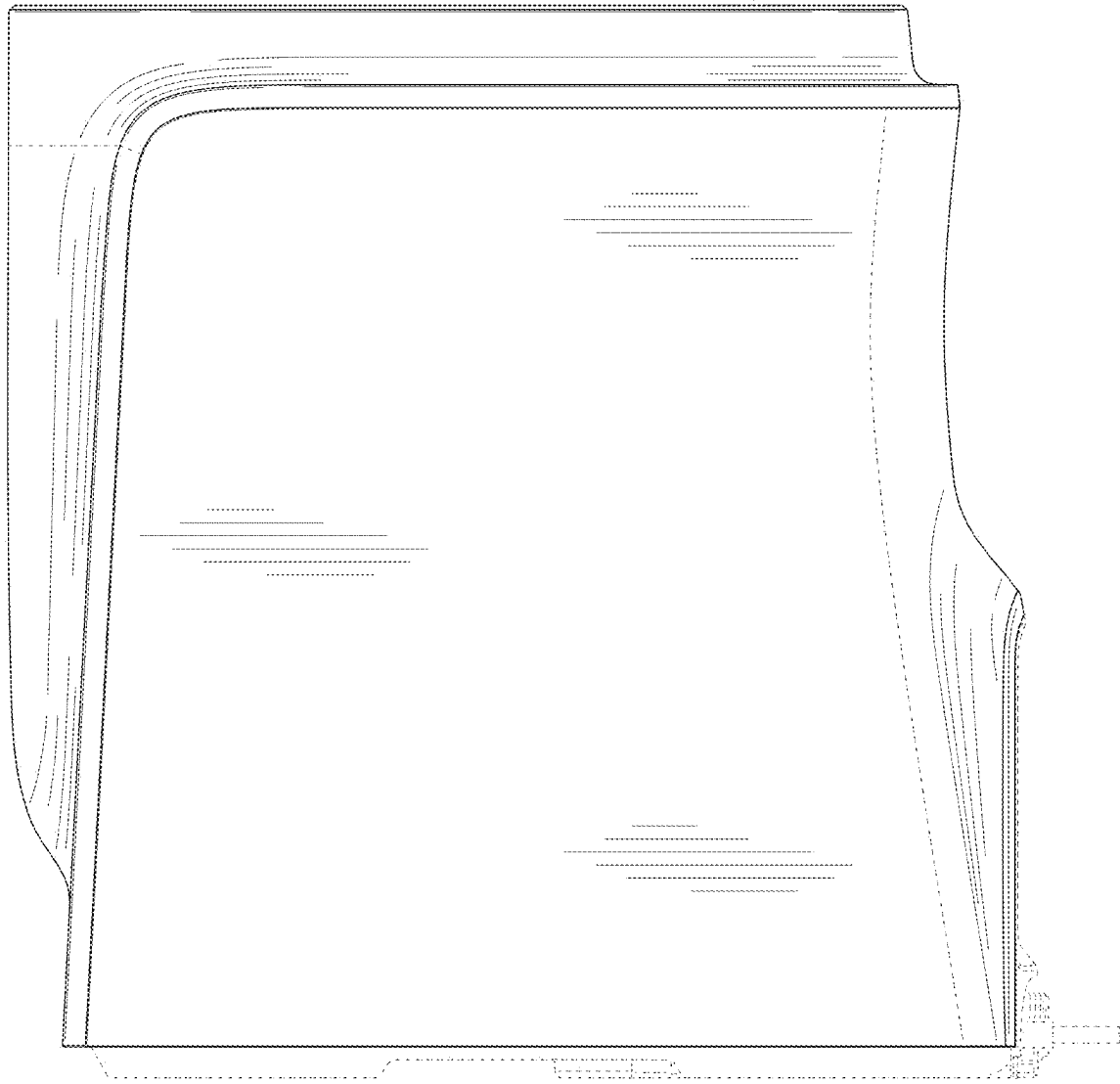


FIG. 21

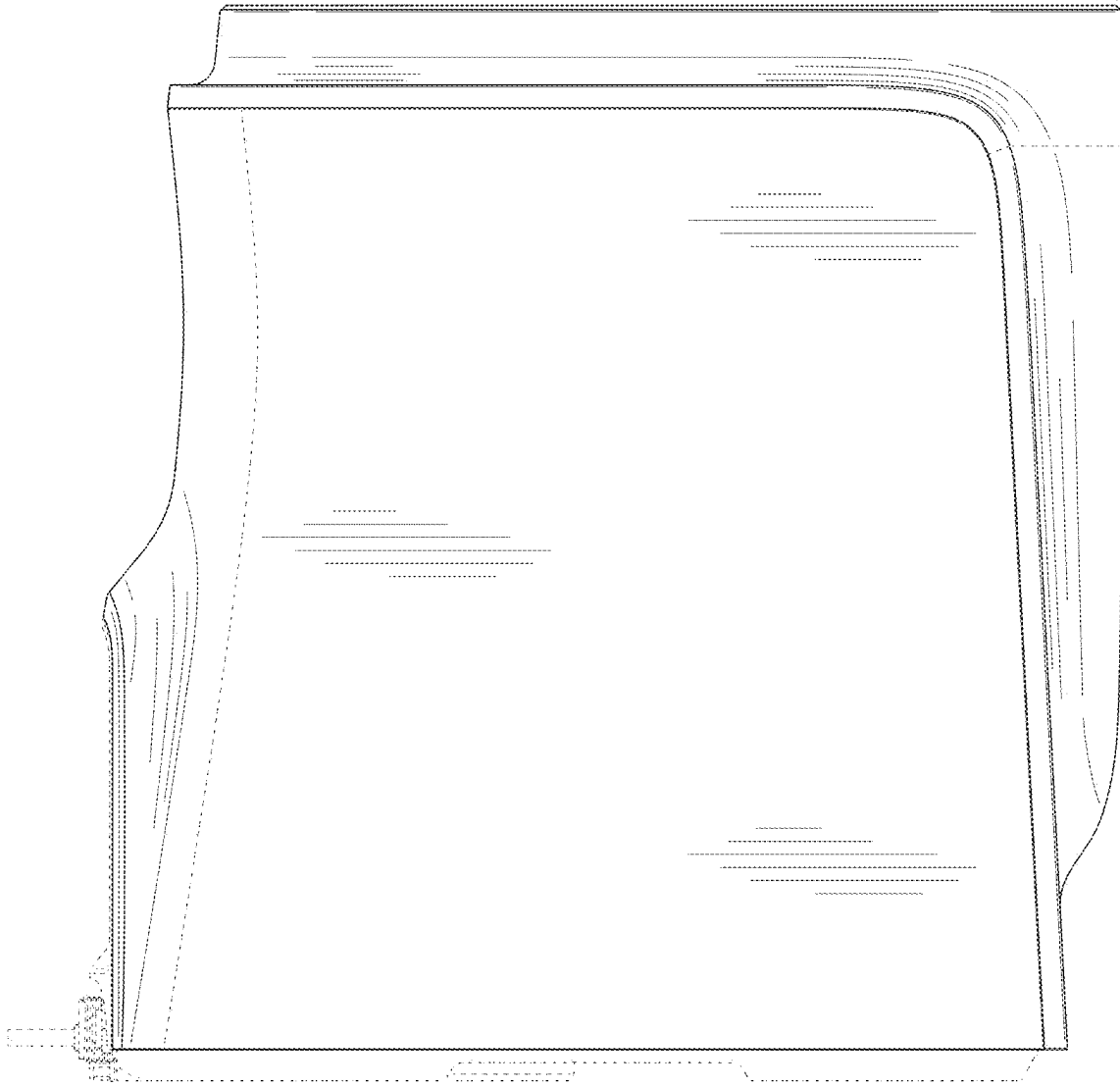


FIG. 22

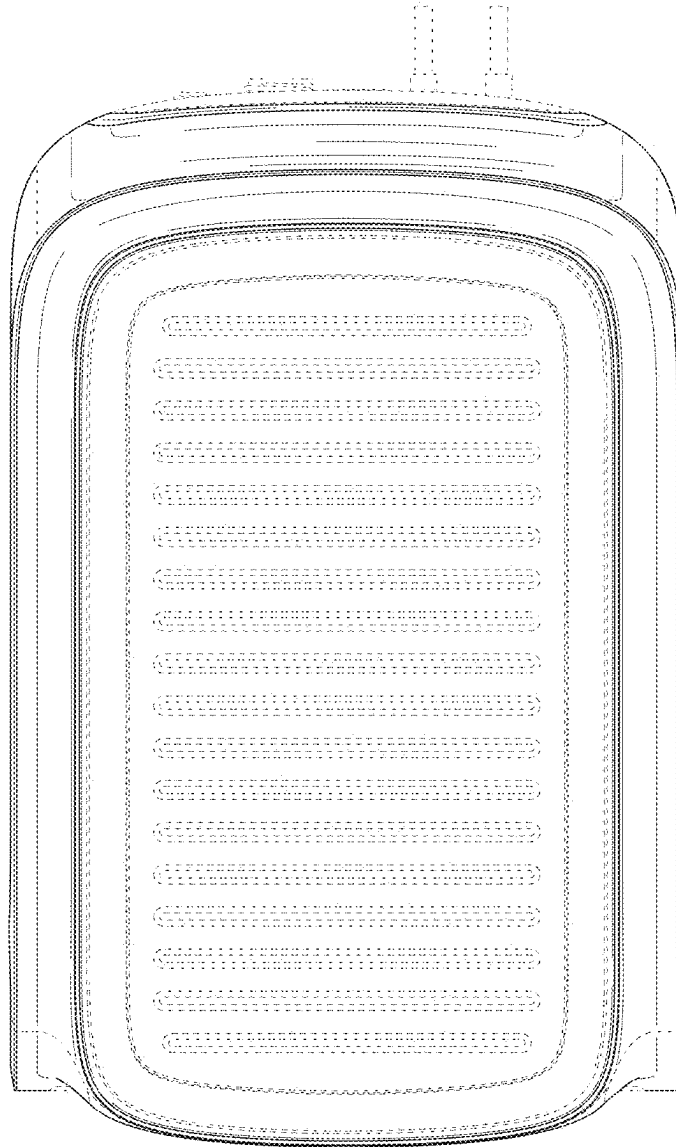


FIG. 23

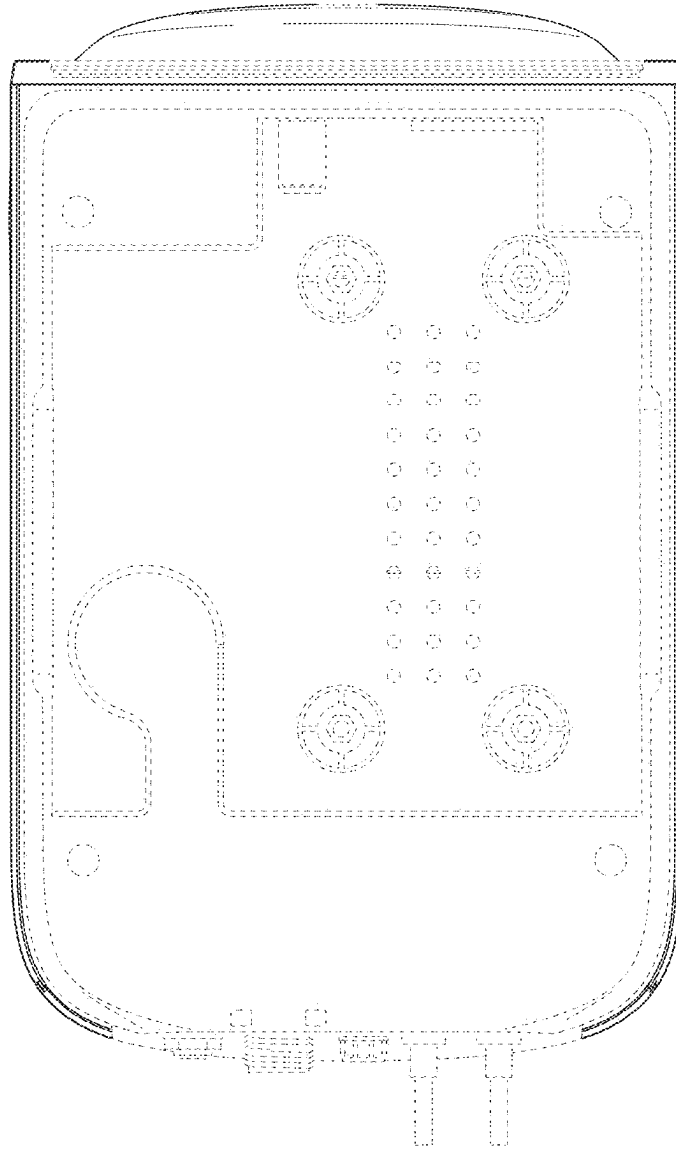


FIG. 24