



US00D776379S

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

(10) **Patent No.:** **US D776,379 S**
(45) **Date of Patent:** **** Jan. 10, 2017**

(54) **VACUUM CLEANER**

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(**) Term: **14 Years**

(21) Appl. No.: **29/519,119**

(22) Filed: **Mar. 2, 2015**

(30) **Foreign Application Priority Data**

Aug. 28, 2014 (EM) 001419949-0001

(51) **LOC (10) Cl.** **15-05**

(52) **U.S. Cl.**
USPC **D32/31**

(58) **Field of Classification Search**
USPC D32/18, 21-24, 31
CPC A47L 9/16; A47L 9/20; A47L 9/1683;
A47L 9/1666; A47L 9/1608; A47L
9/2857; A47L 9/2842; A47L
9/2836; A47L 9/2847; A47L
9/2852; A47L 5/28; A47L 7/0038; G06N
3/008; E04H 4/1654

See application file for complete search history.

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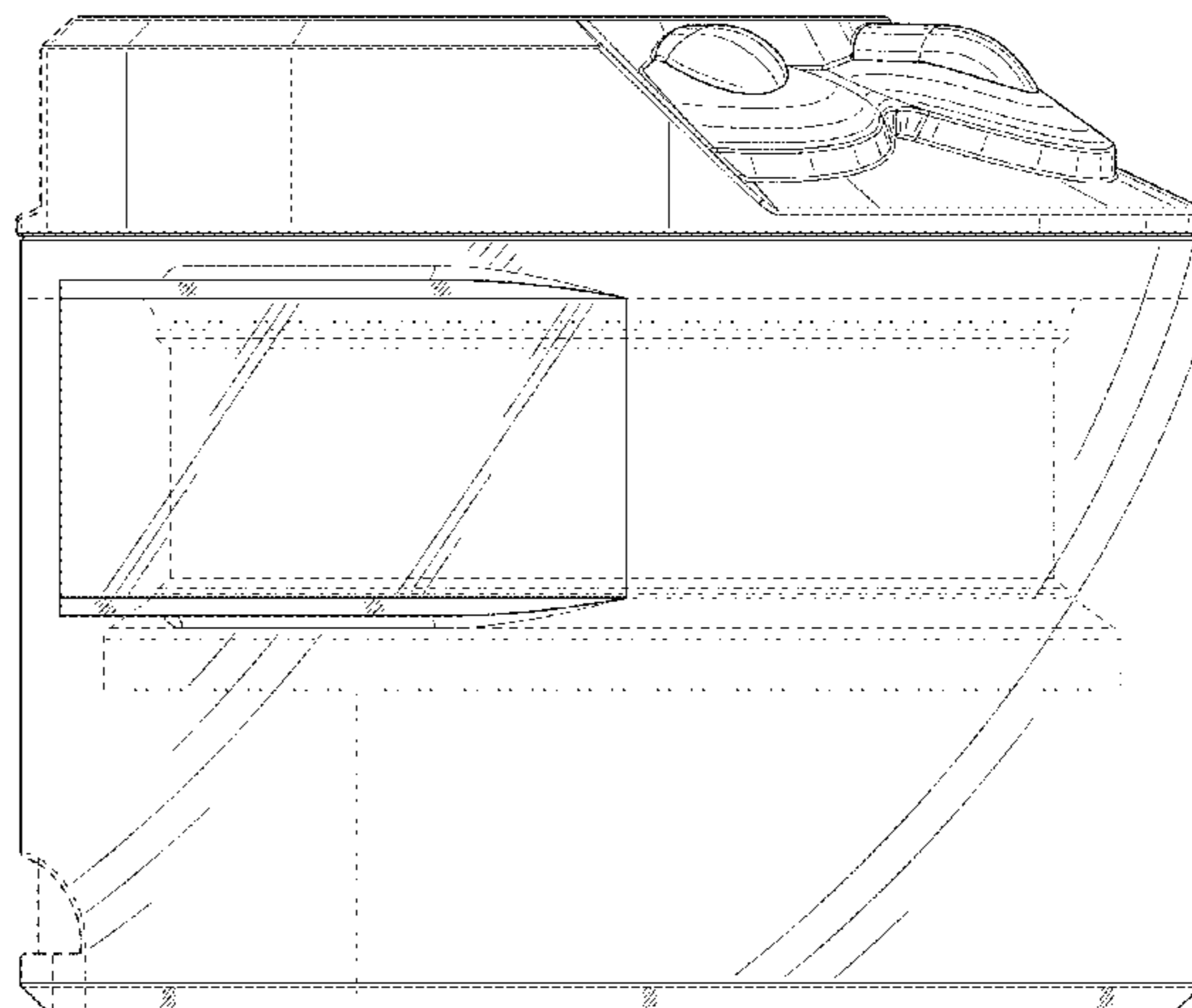
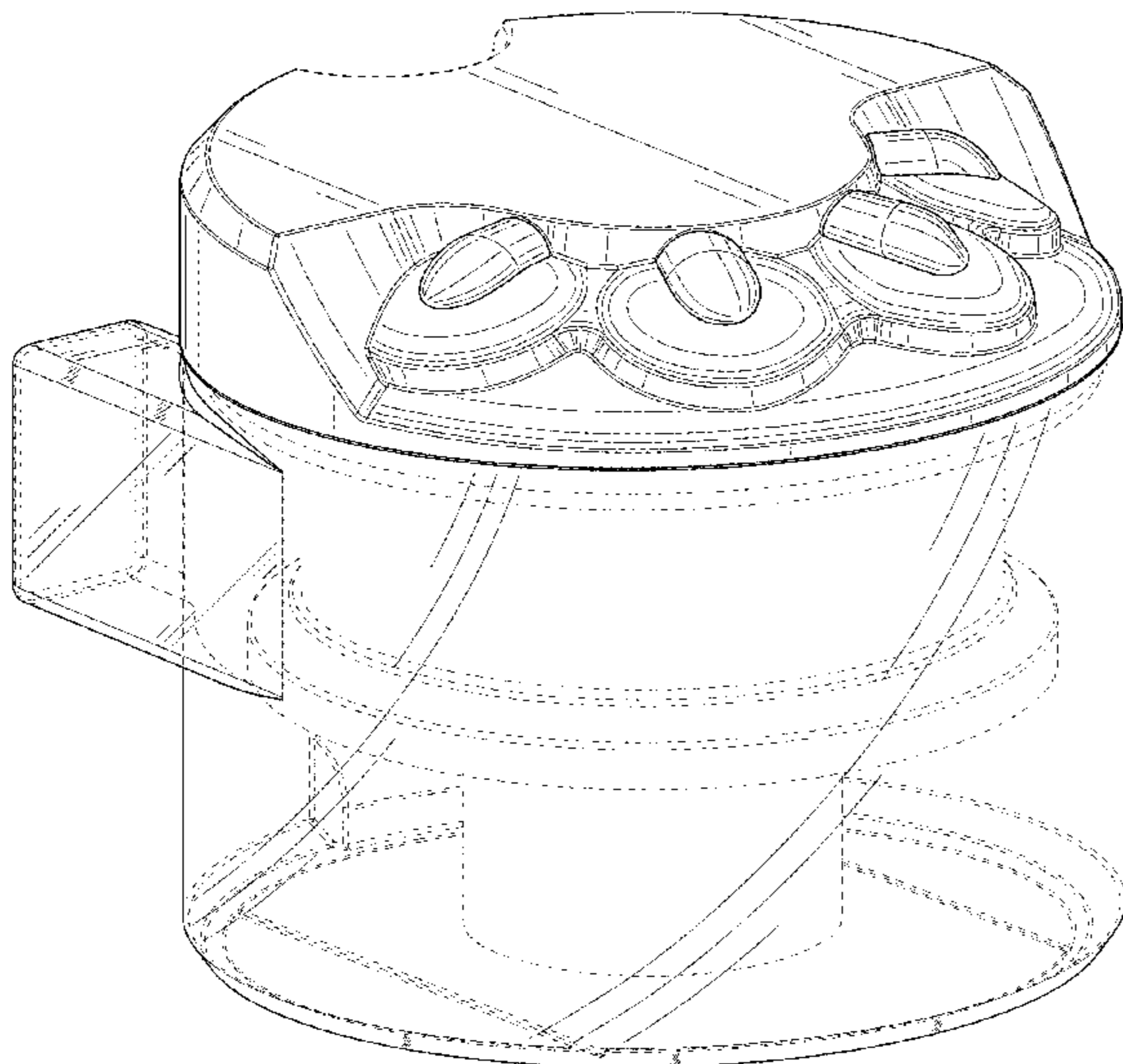
(57) **CLAIM**

We claim the ornamental design for a vacuum cleaner, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a vacuum cleaner showing our new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a side view thereof;
FIG. 5 is a side view of the opposite side of FIG. 4; and,
FIG. 6 is a top view thereof.
The details shown in broken lines form no part of the claimed design.

1 Claim, 6 Drawing Sheets



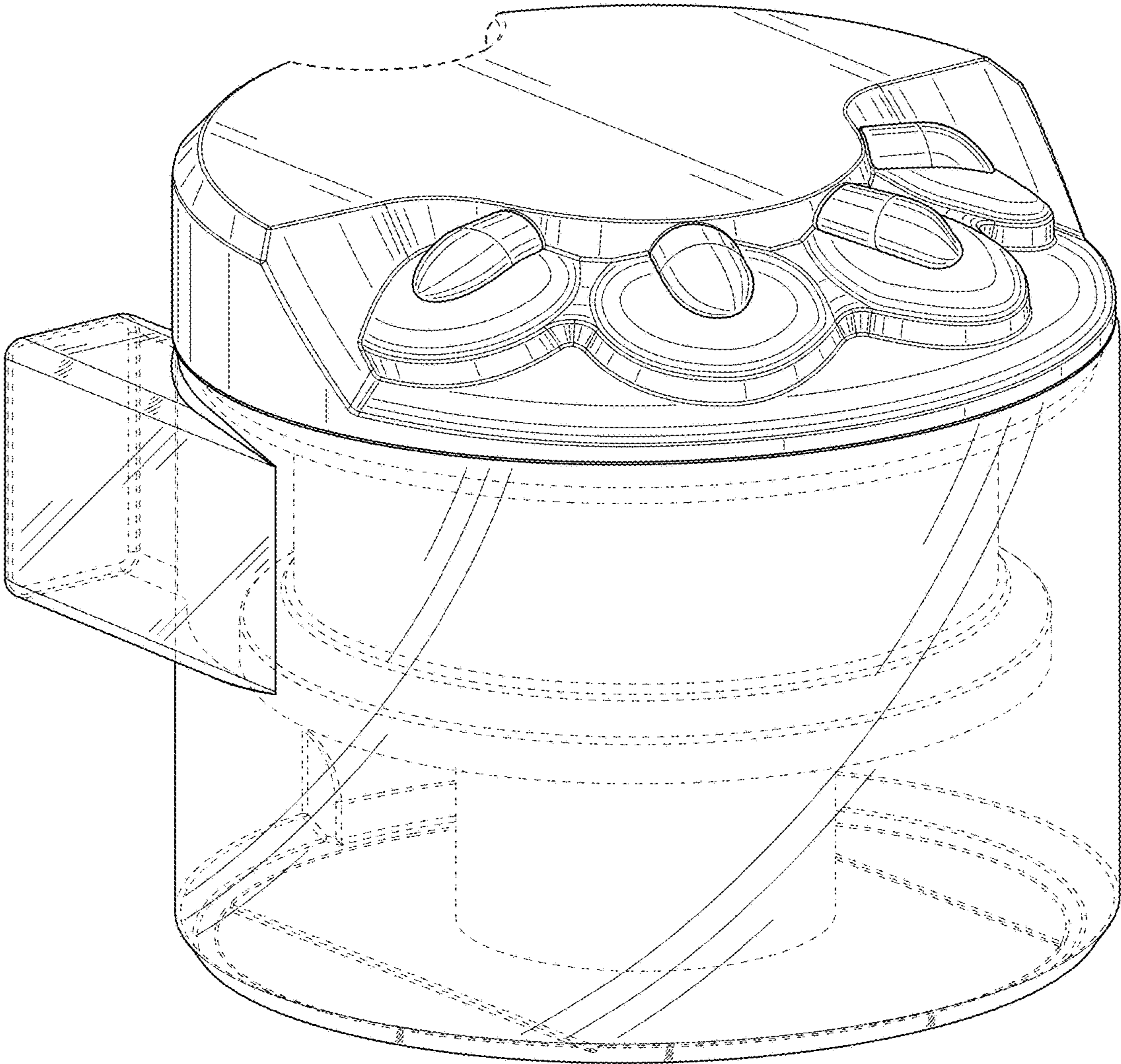


FIG. 1

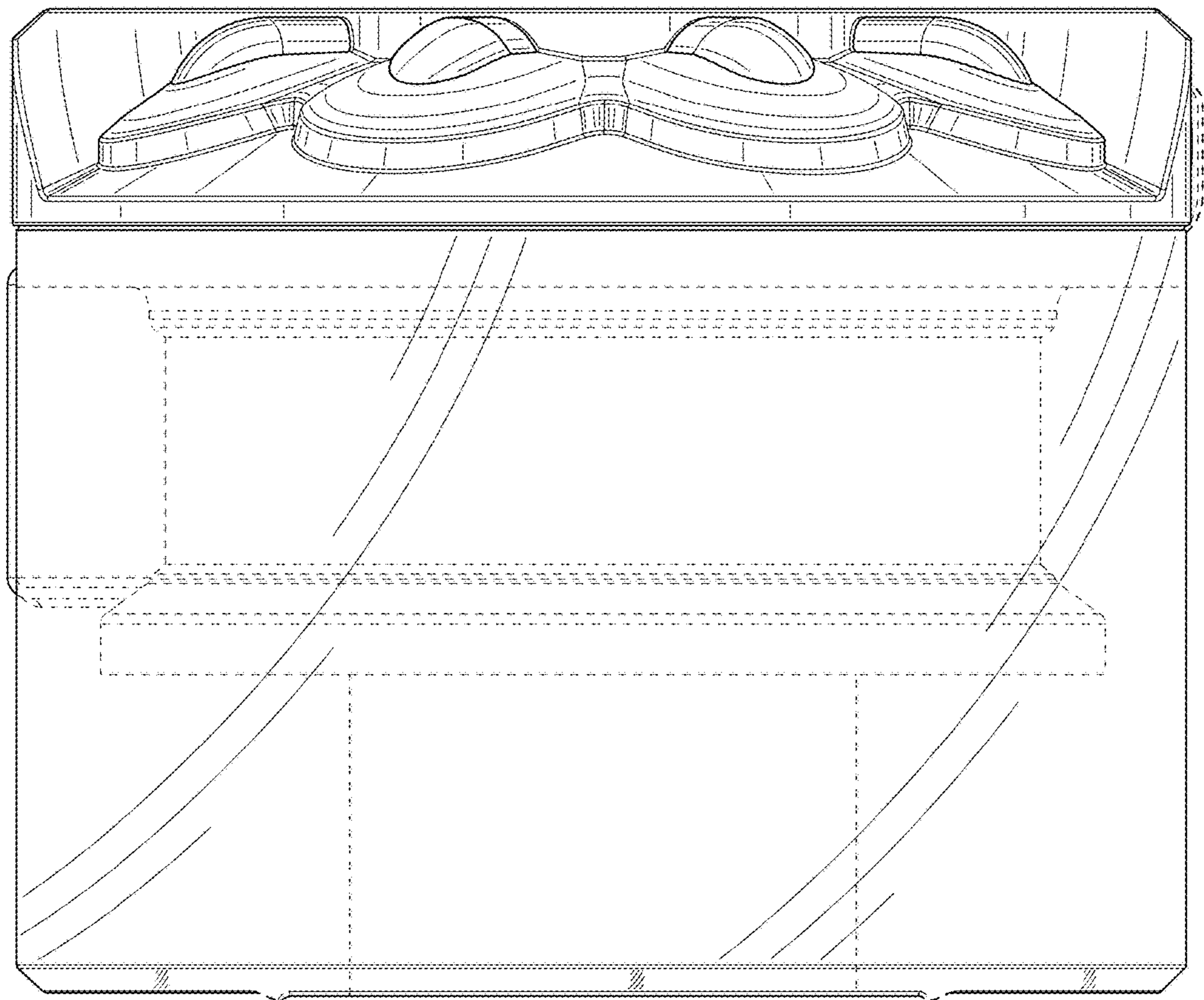


FIG. 2

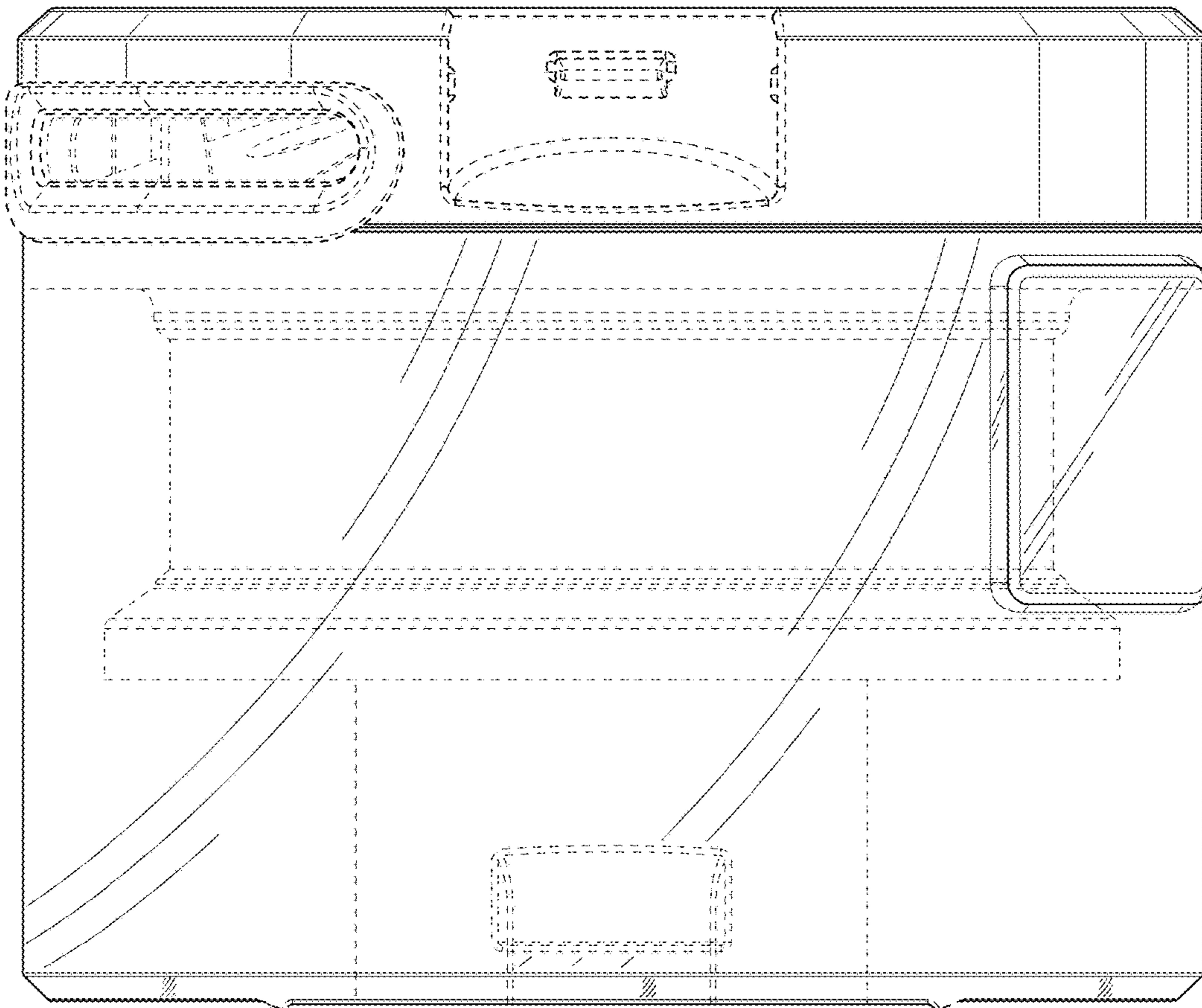


FIG. 3

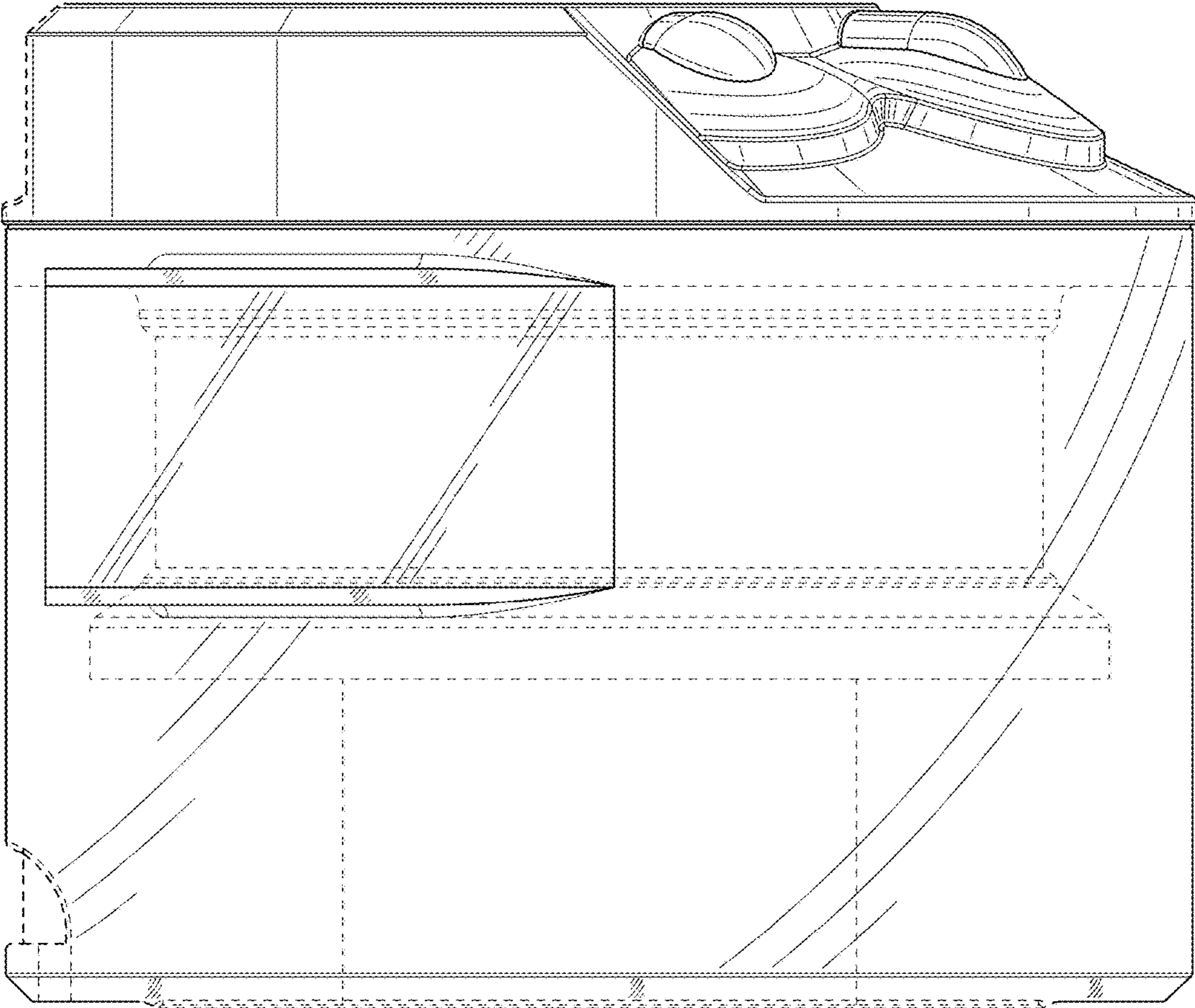


FIG. 4

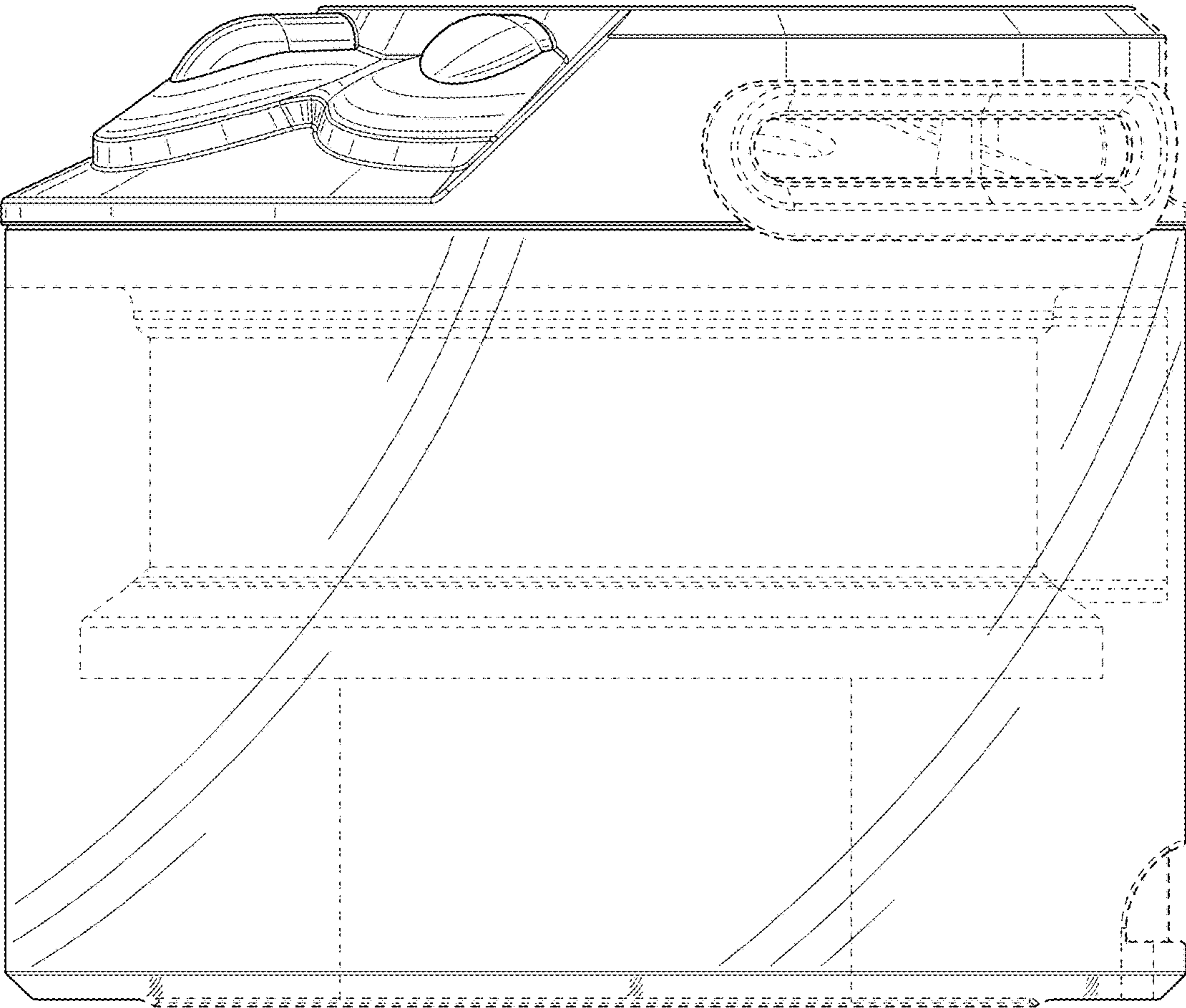


FIG. 5

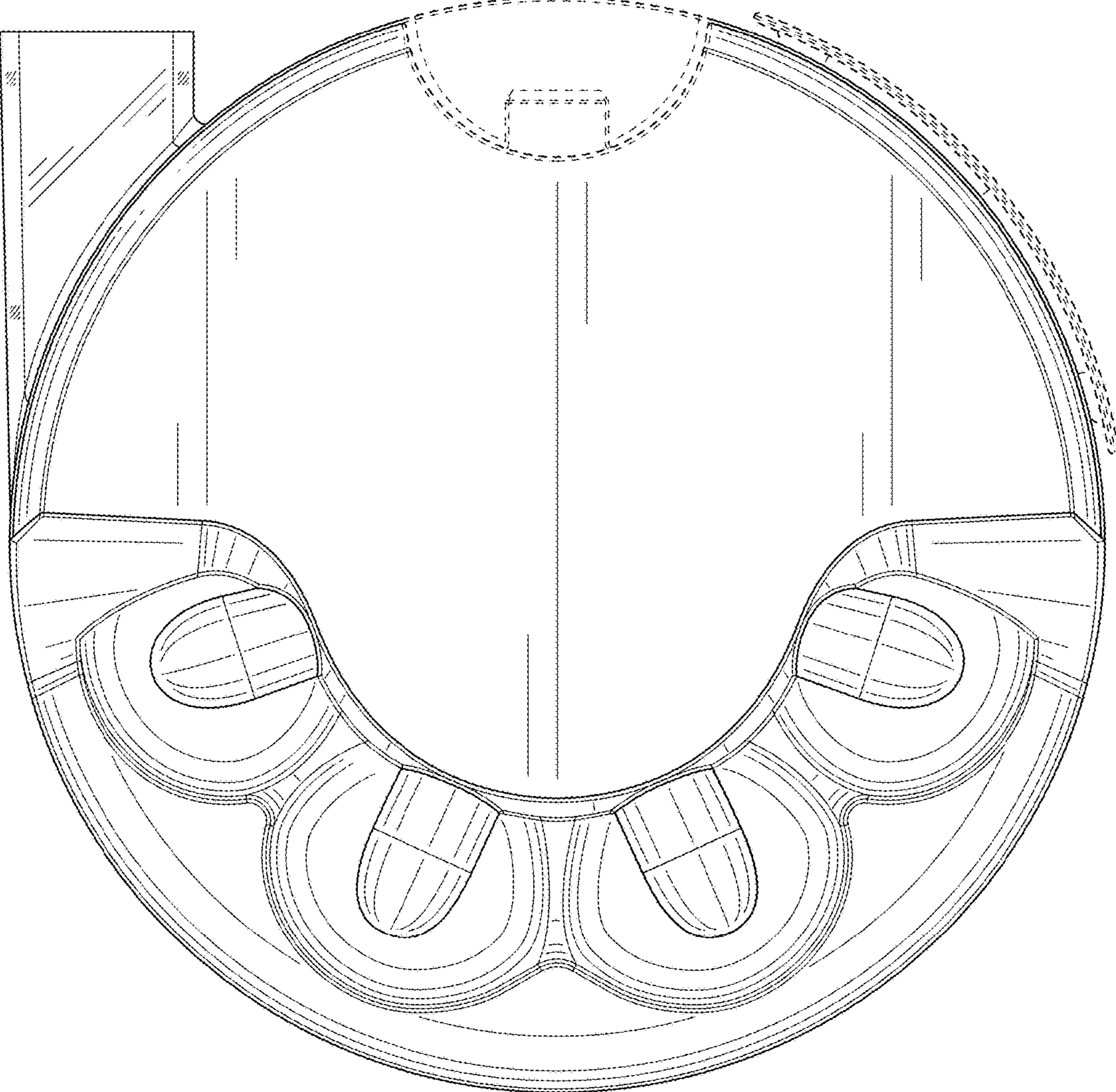


FIG. 6