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

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(54) **VACUUM CLEANER**

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

(21) Appl. No.: **29/516,065**

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Oct. 22, 2014 (JP) 2014-023593

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

(52) **U.S. Cl.**
USPC **D32/21**

(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 front perspective view of a vacuum cleaner of the present invention;
FIG. 2 is a rear perspective view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a rear view thereof;
FIG. 5 is a top view thereof;
FIG. 6 is a bottom view thereof;
FIG. 7 is a right side view thereof; and,
FIG. 8 is a left side view thereof.

1 Claim, 8 Drawing Sheets

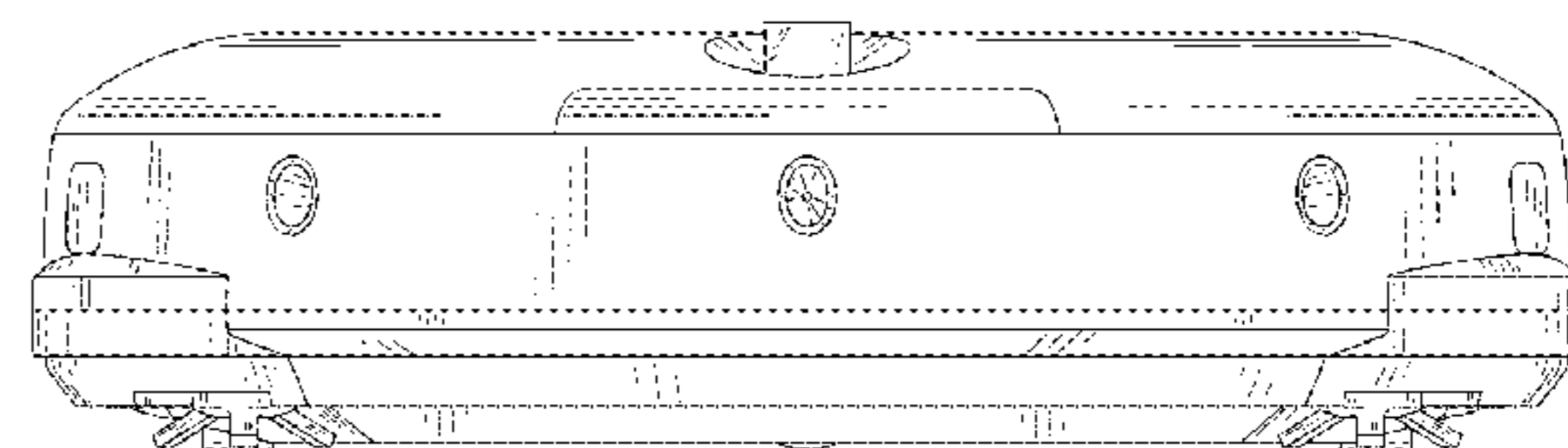
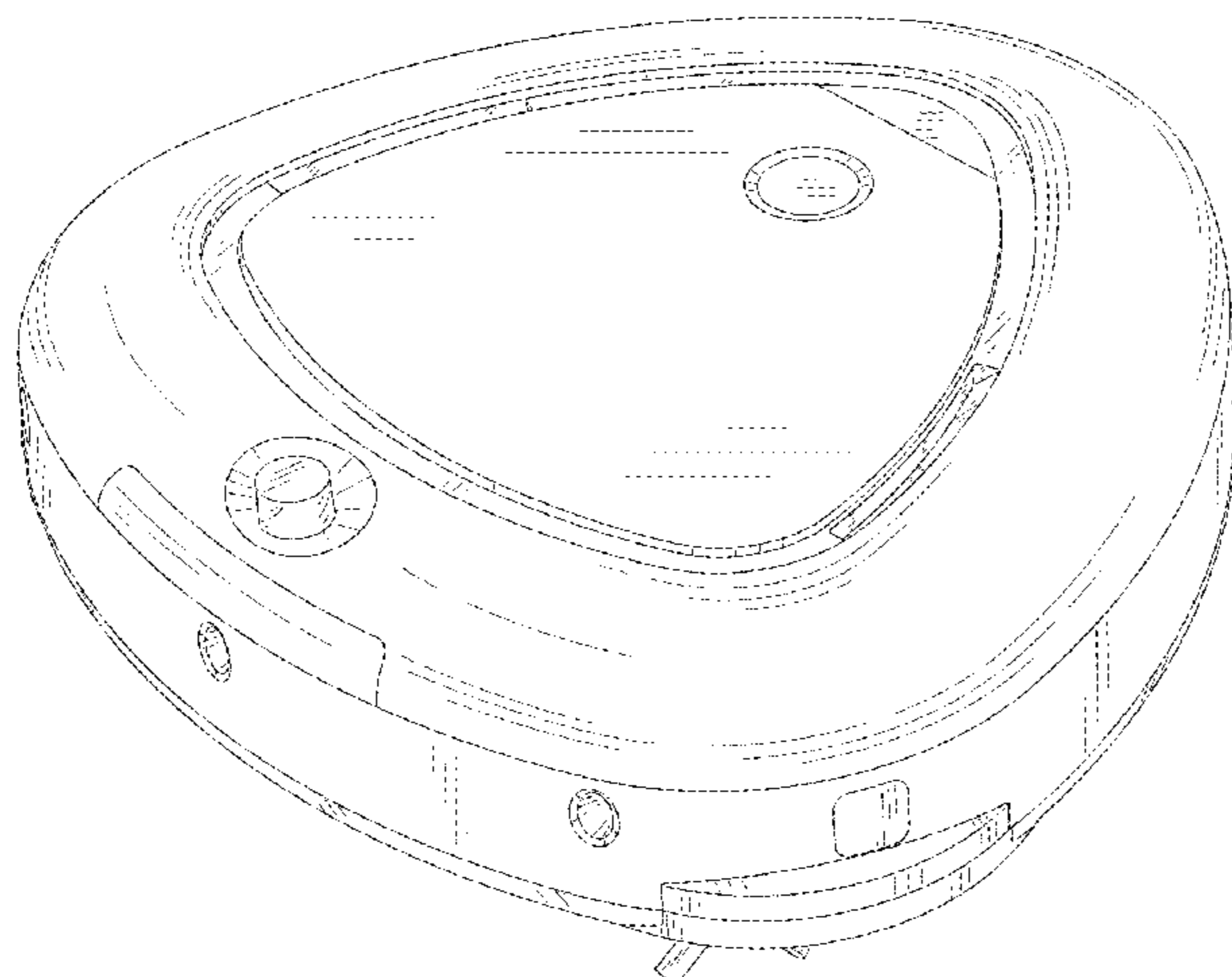


FIG. 1

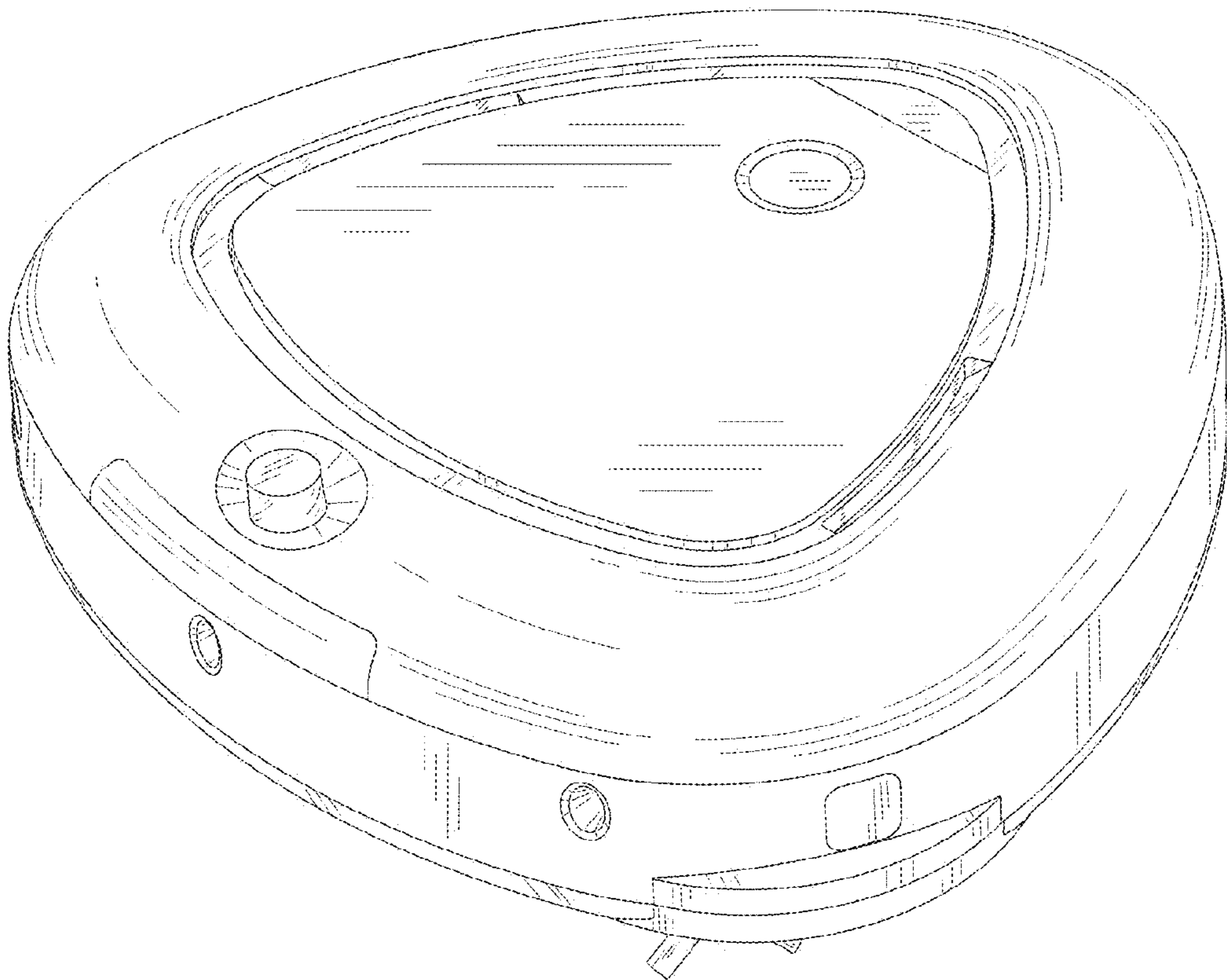


FIG. 2

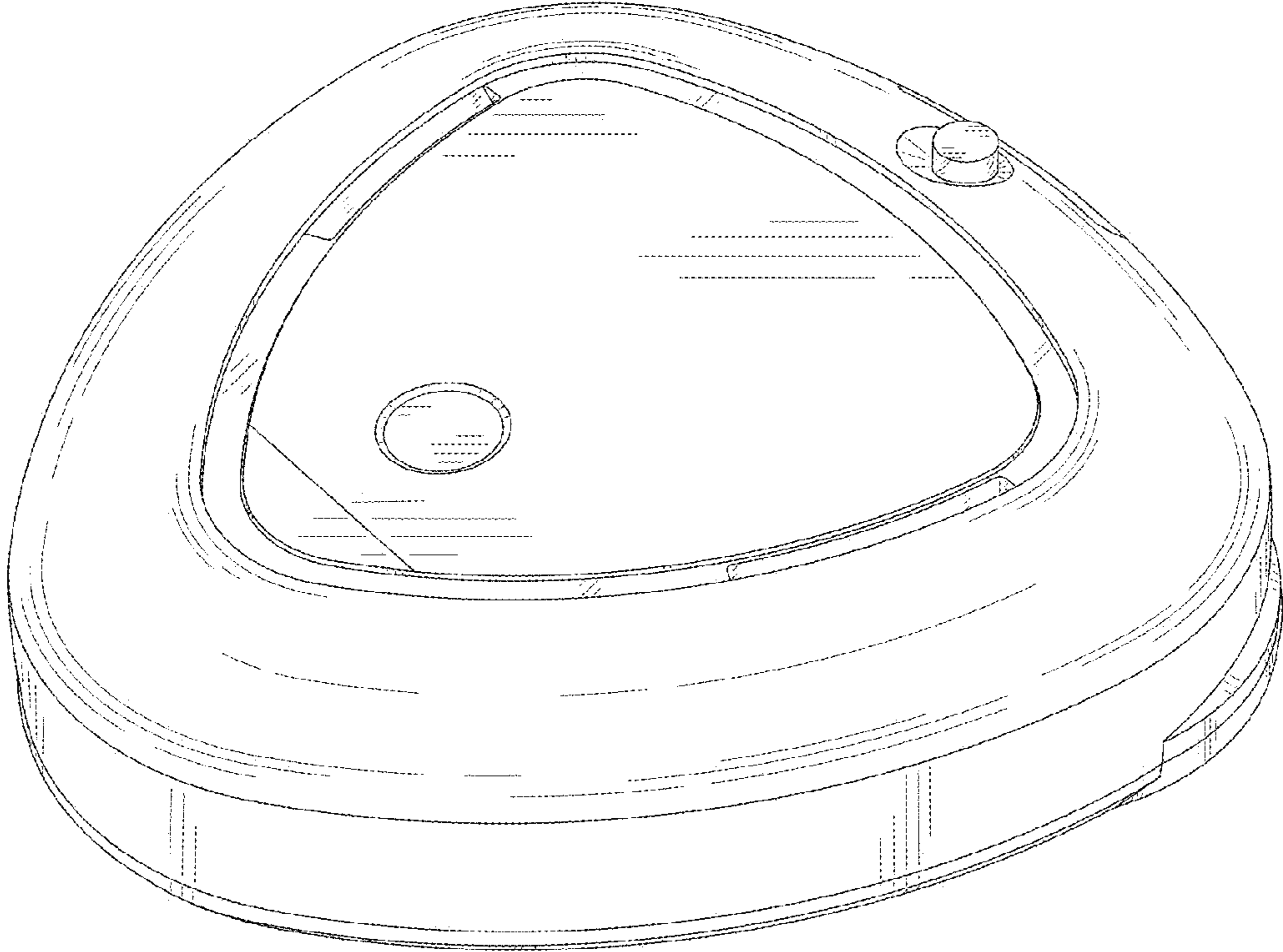


FIG. 3

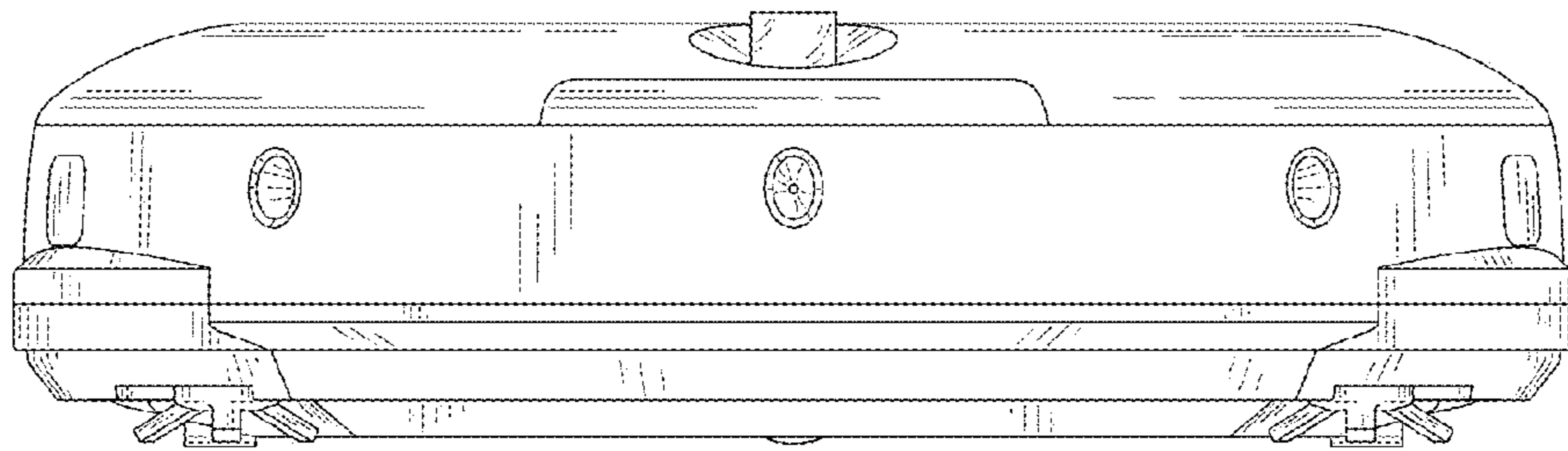


FIG. 4

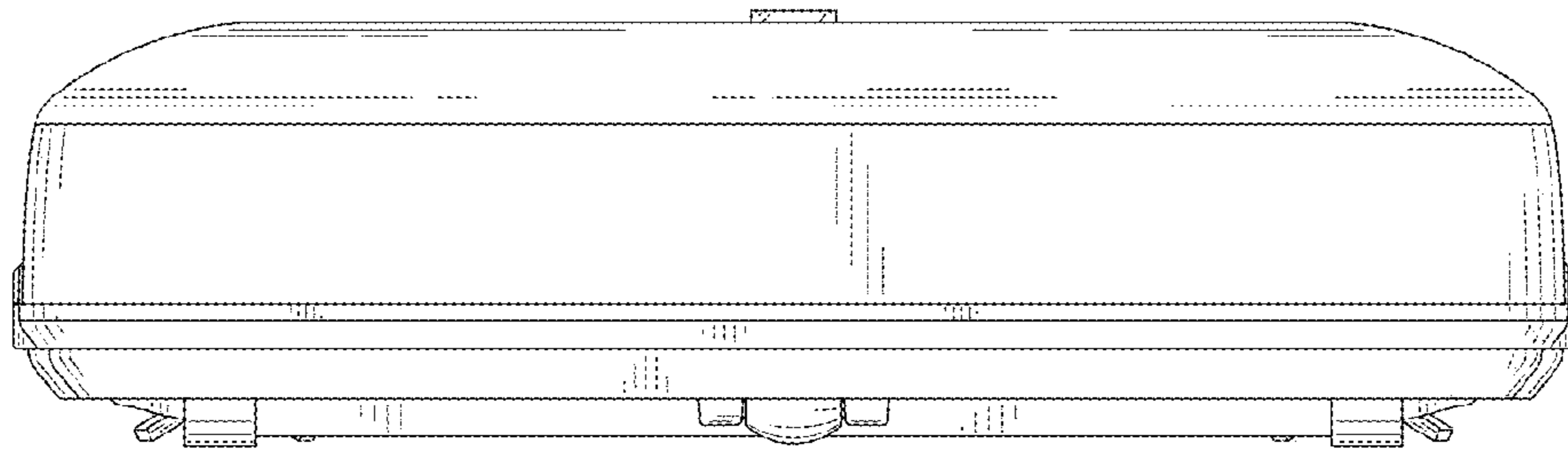


FIG. 5

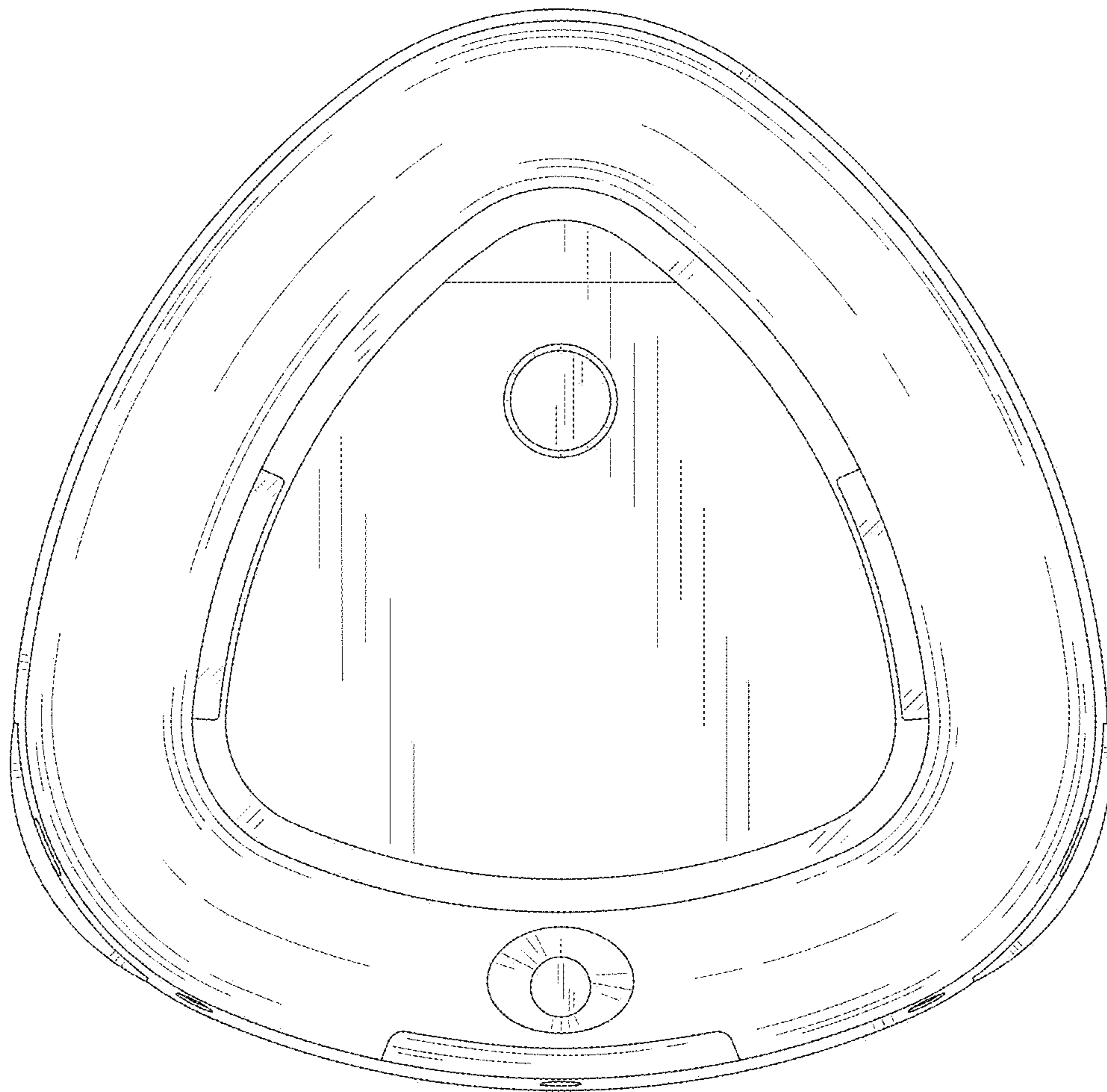


FIG. 6

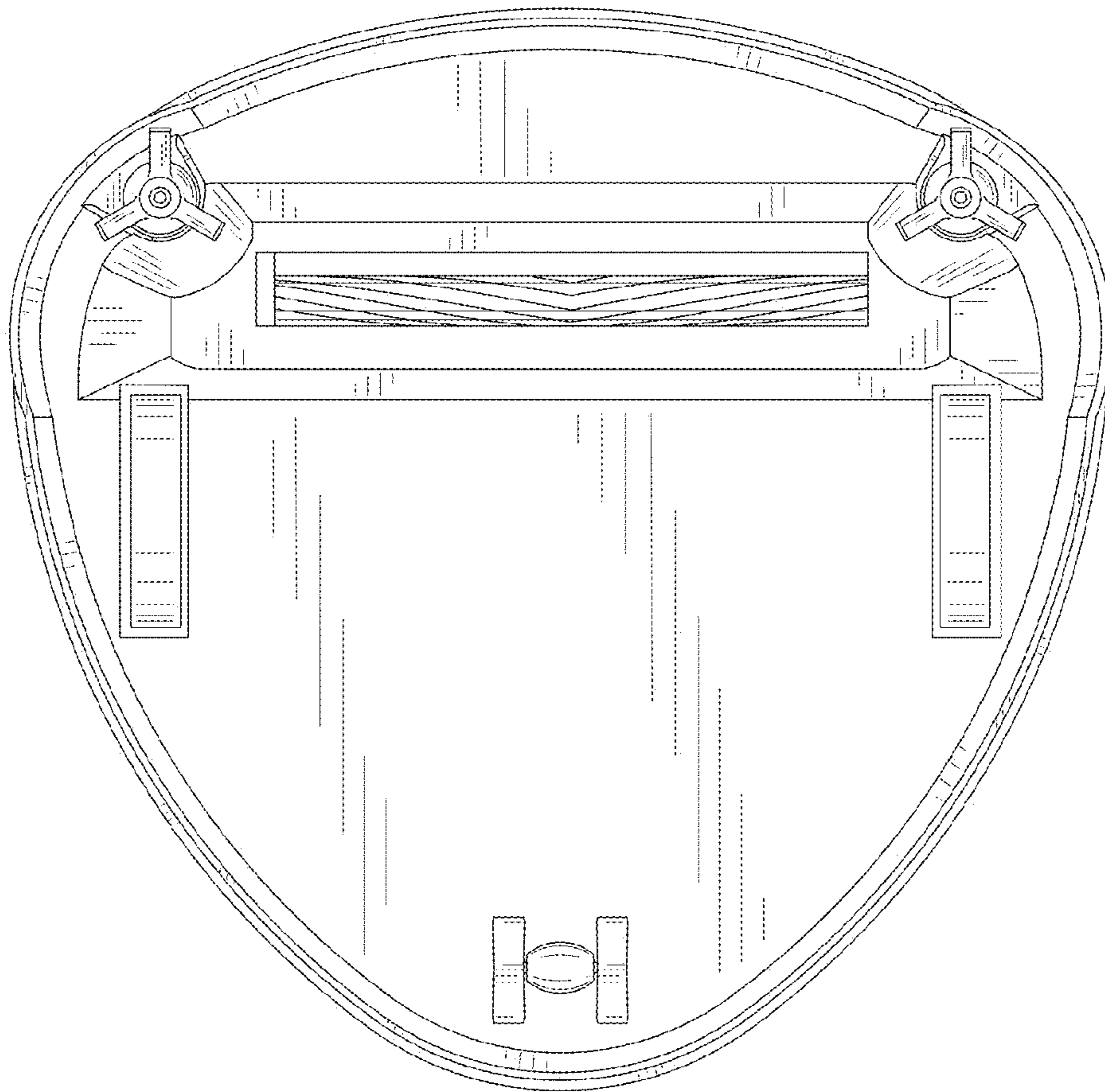


FIG. 7

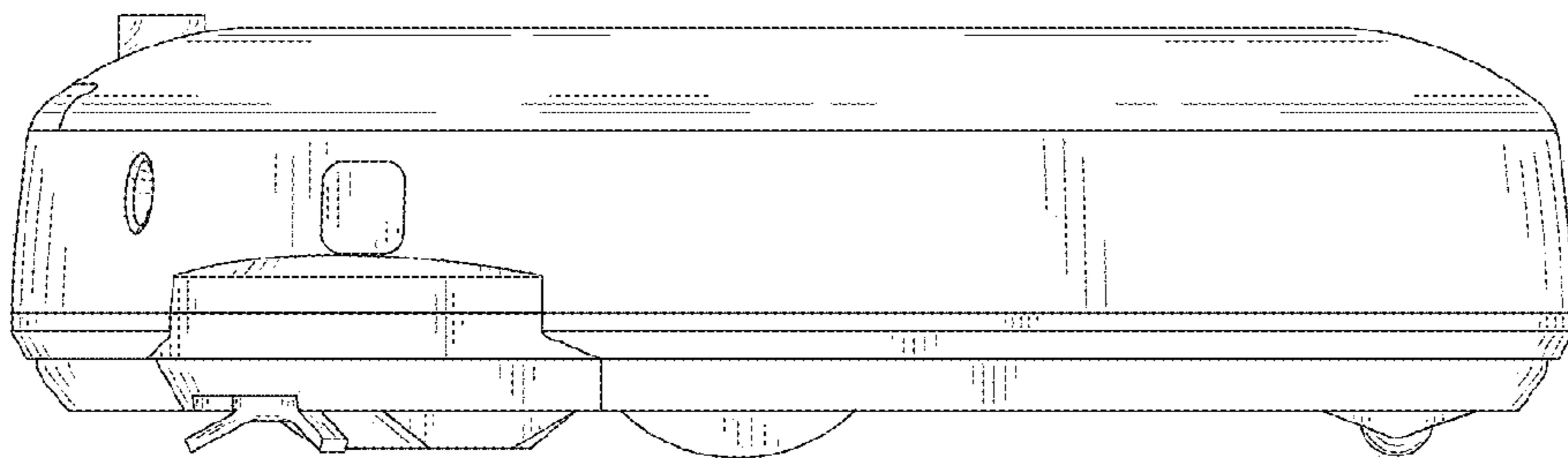


FIG. 8

