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

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(54) **VACUUM CLEANER**

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(73) Assignee: **LG Electronics Inc.**, Seoul (KR)

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

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(30) **Foreign Application Priority Data**

Sep. 5, 2013 (KR) 30-2013-0045961

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

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

(58) **Field of Classification Search**
CPC A47L 7/0038; A47L 5/36-5/367;
A47L 5/24; A47L 5/14; A47L 5/28; A47L
7/0019; A47L 7/0023; A47L 7/0004; A47L
9/1666; A47L 9/1683; A47L 11/34; A47L
11/4072; A47L 9/009; A47L 11/40
USPC 301/95.101, 105.1, 5.1; D12/501, 204,
D12/208; D32/21, 23-24, 31

See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a vacuum cleaner, as shown and described.

DESCRIPTION

FIG. 1 is a front, right side, 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 left side view thereof; FIG. 5 is a right side view thereof; FIG. 6 is a top view thereof; and, FIG. 7 is a bottom view thereof.

The broken lines in the drawings indicate unclaimed portions of the vacuum cleaner that form no part of the claimed design.

1 Claim, 7 Drawing Sheets

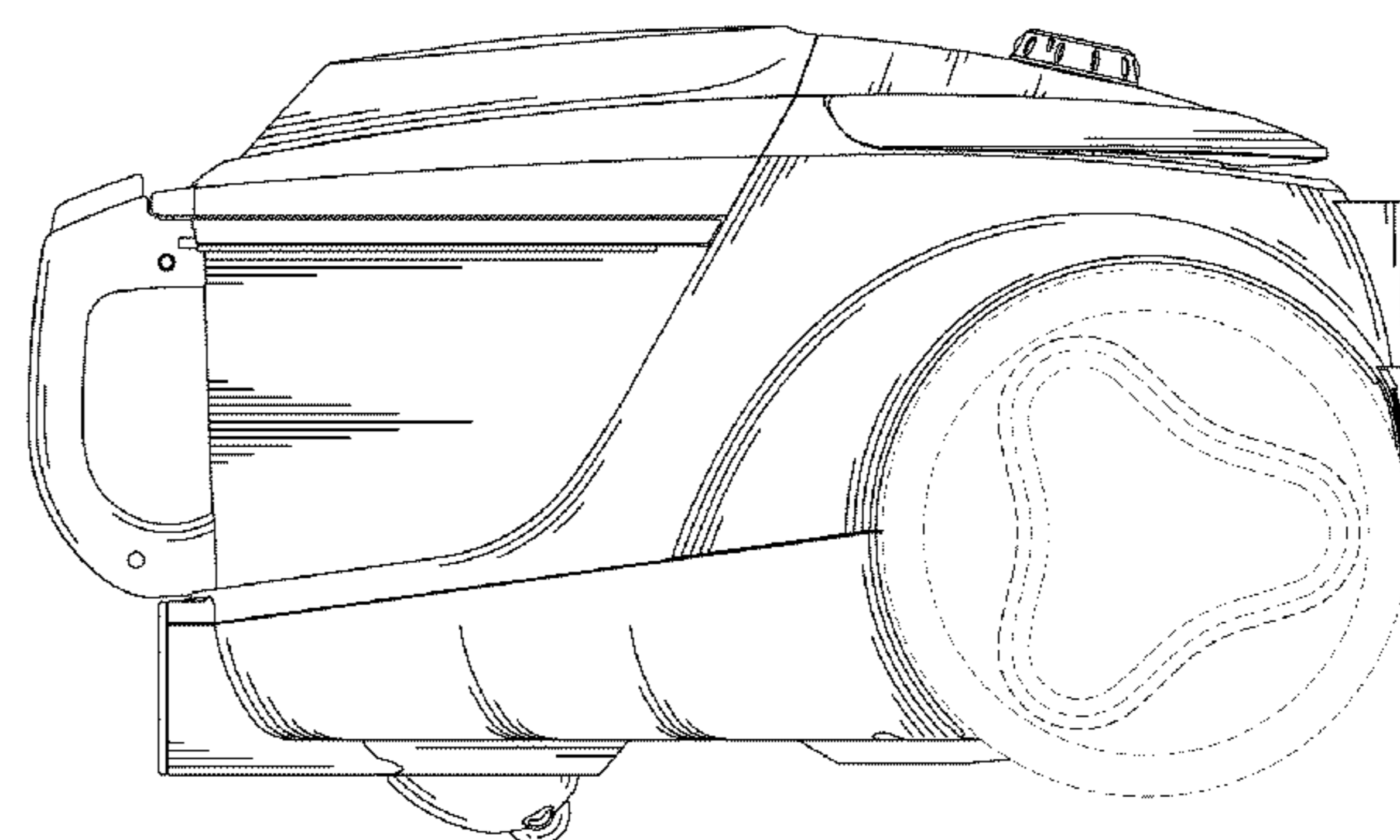
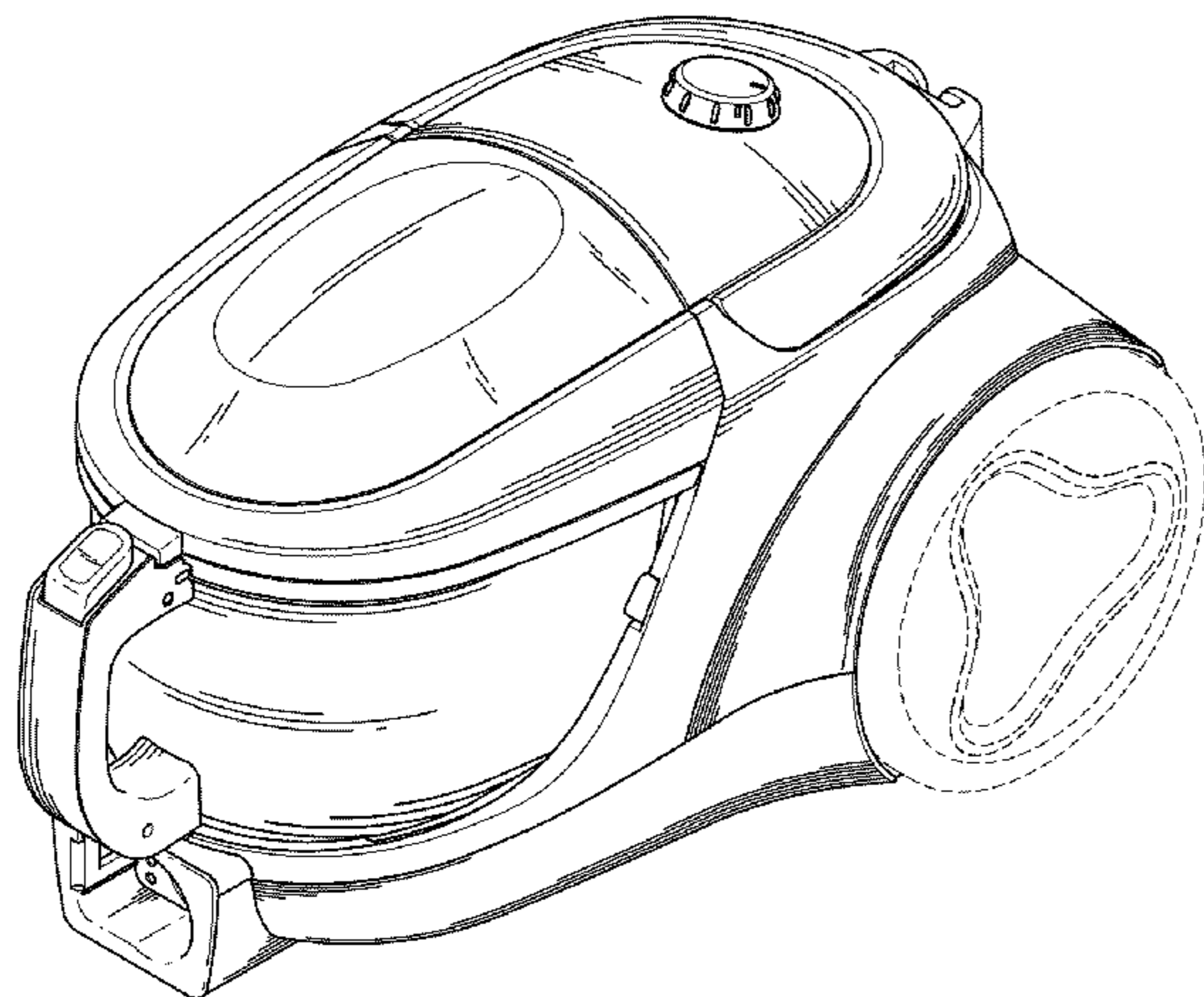


FIG. 1

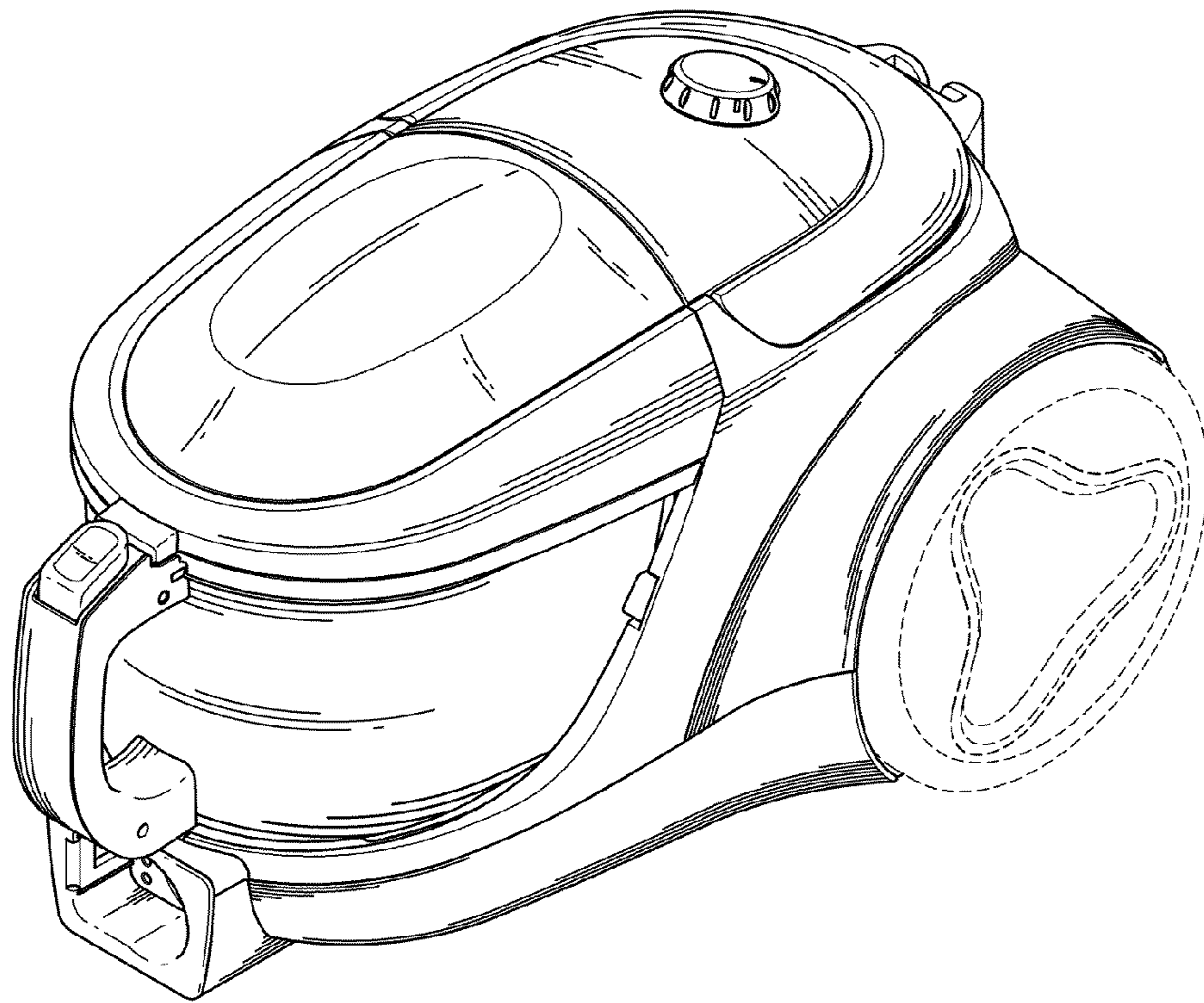


FIG. 2

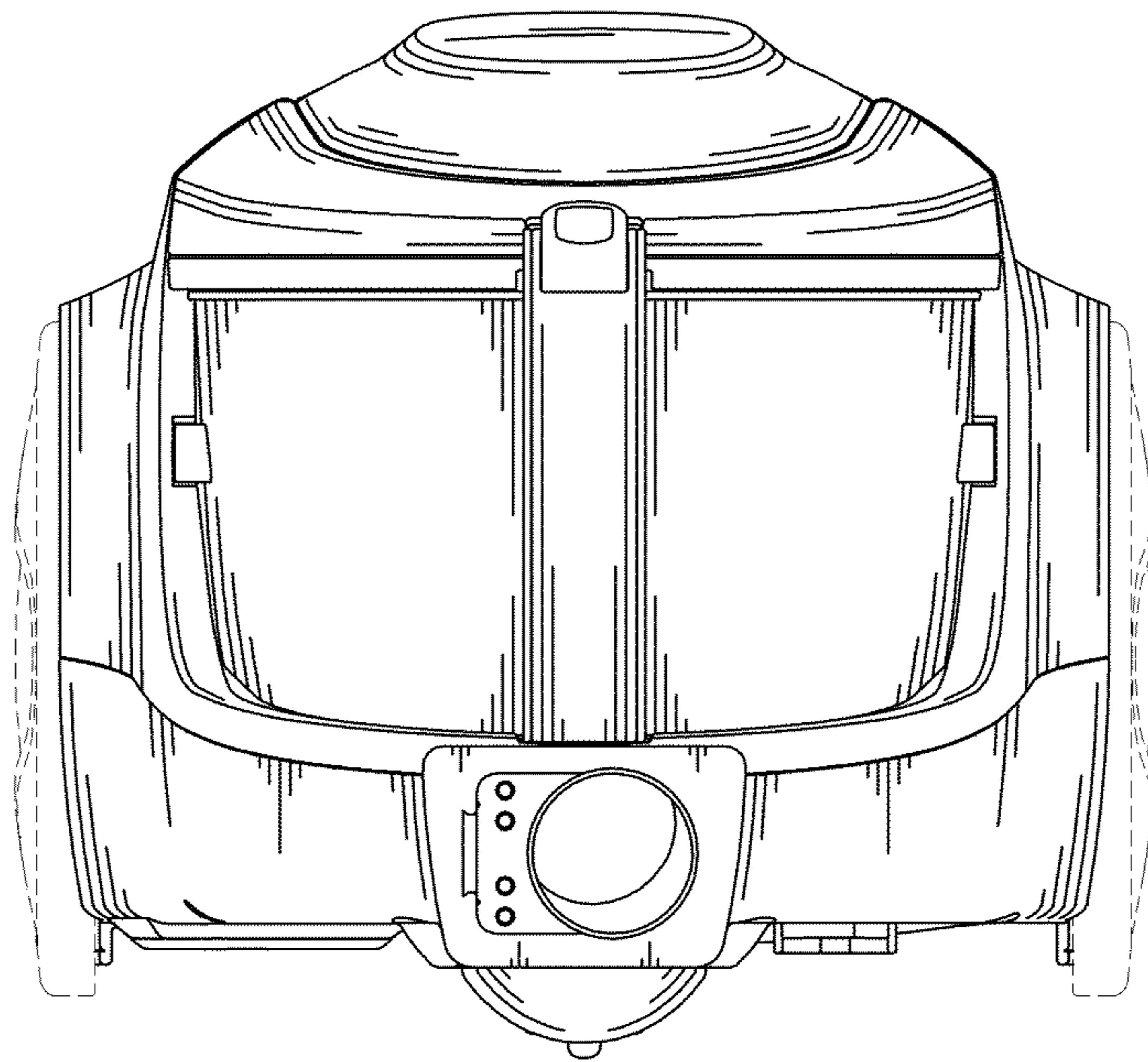


FIG. 3

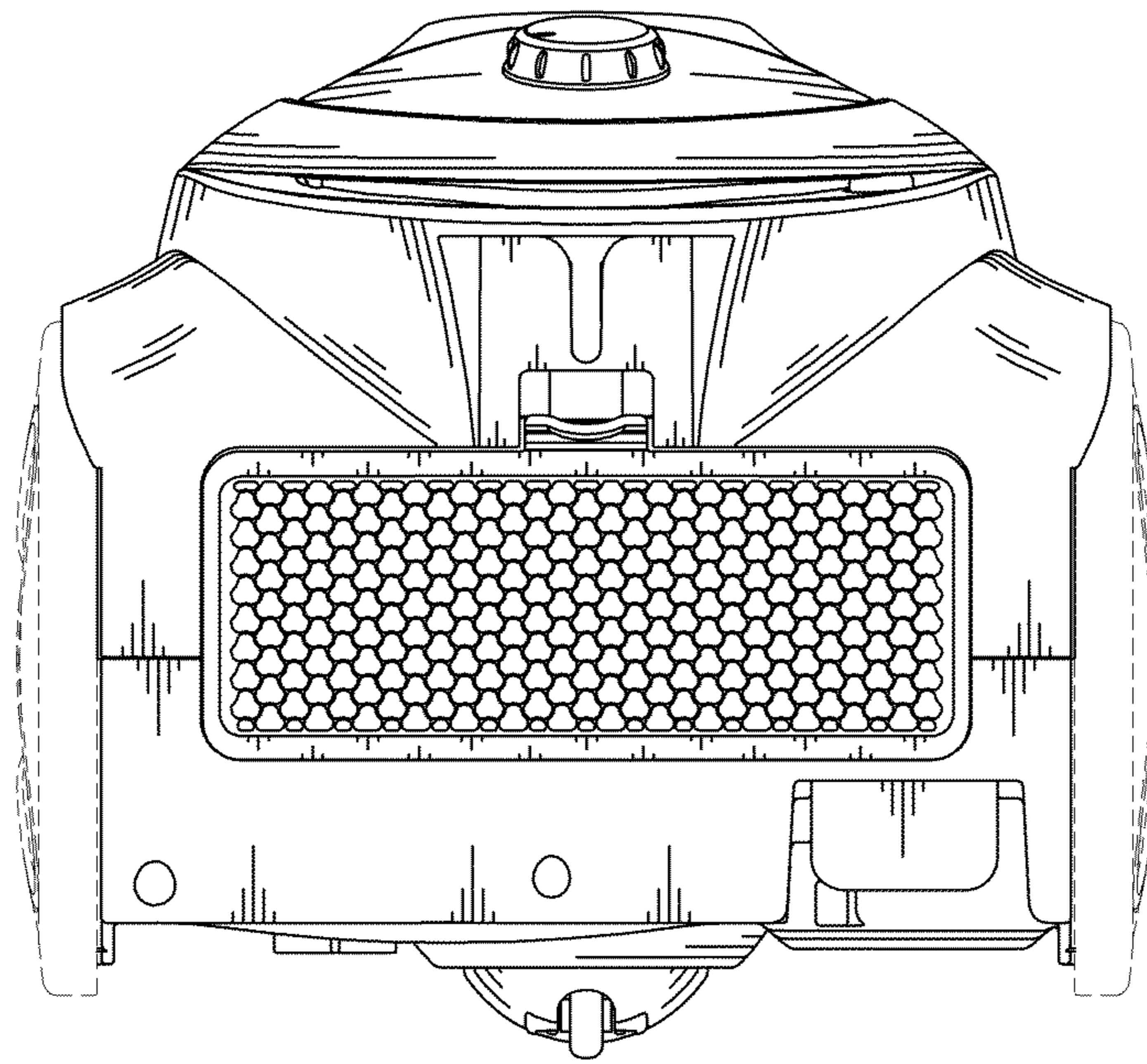


FIG. 4

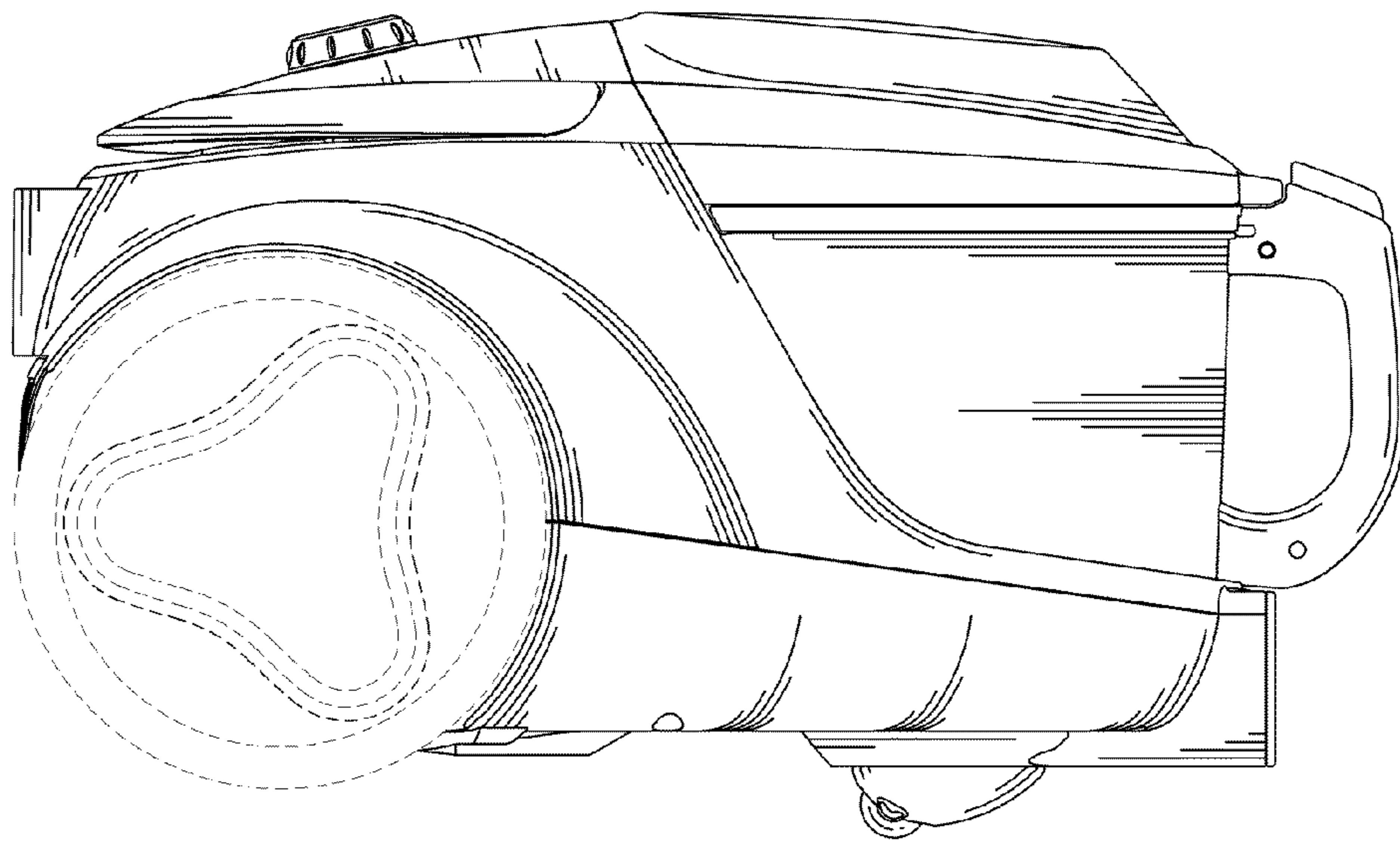


FIG. 5

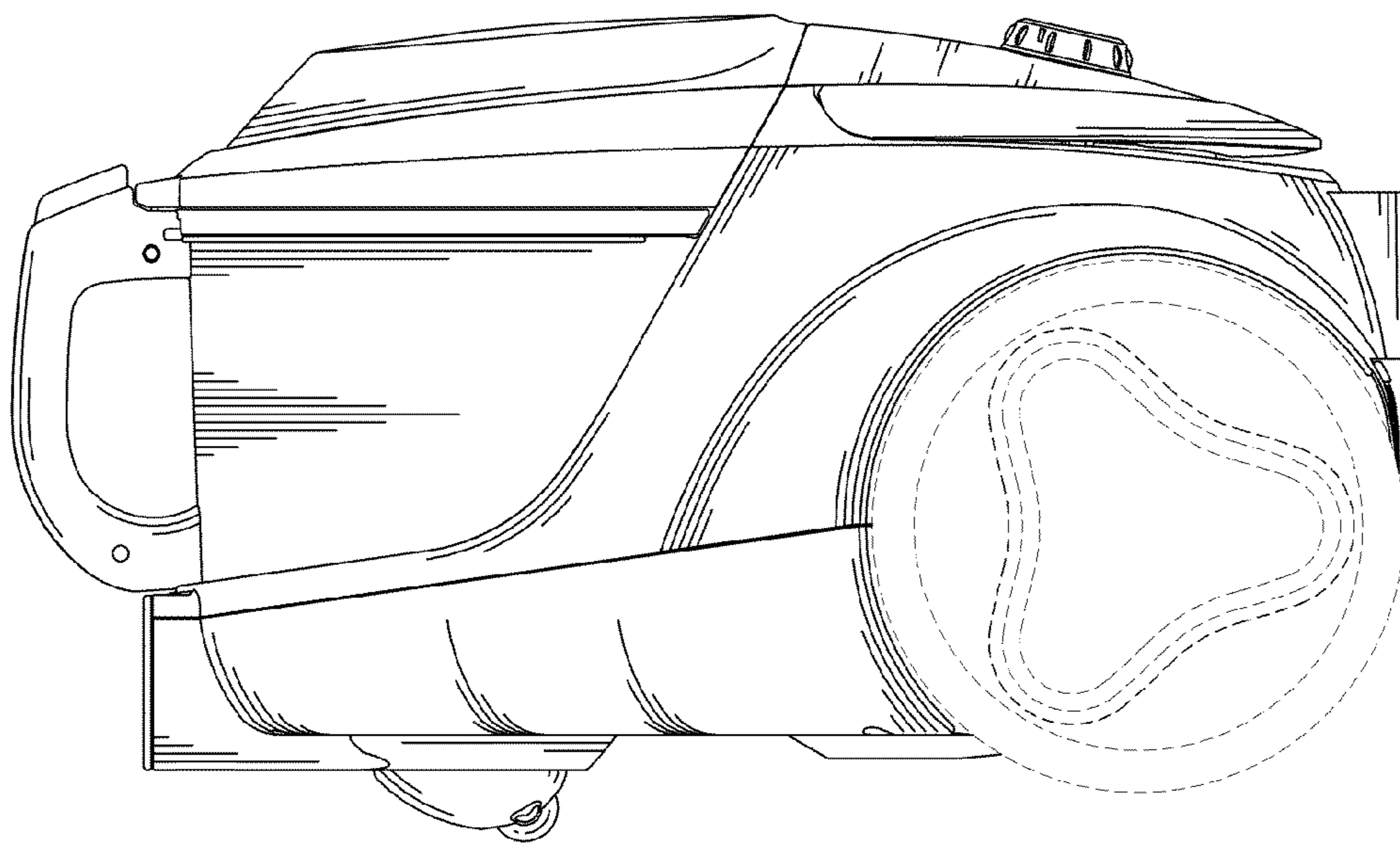


FIG. 6

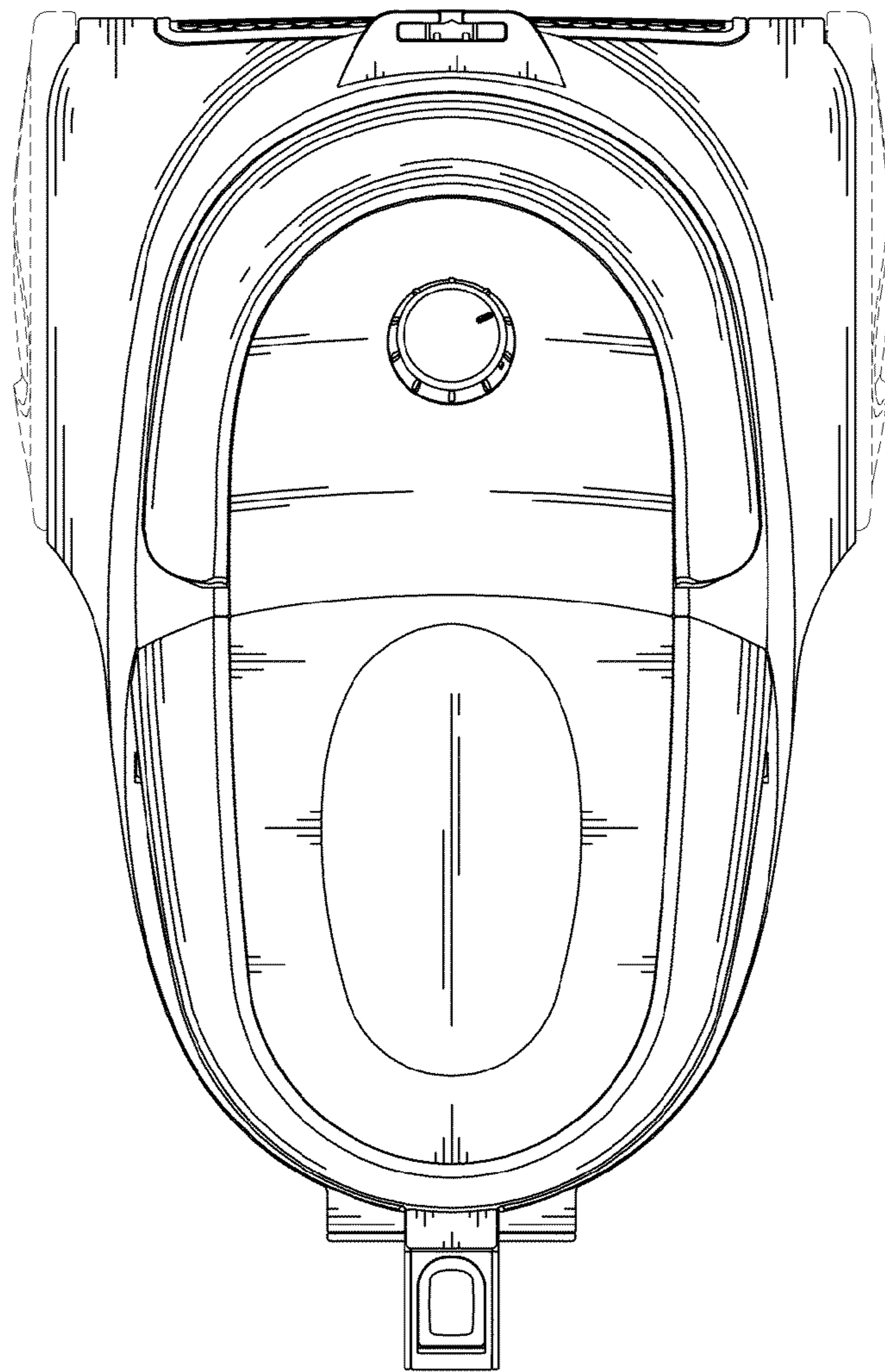


FIG. 7

