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

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(54) **VACUUM CLEANER**

USPC ..... D32/21, 23-24, 31  
See application file for complete search history.

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(73) Assignee: **Techtronic Floor Care Technology Limited**, Tortola (VG)

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

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**Related U.S. Application Data**

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(74) *Attorney, Agent, or Firm* — Michael Best & Friedrich LLP

(30) **Foreign Application Priority Data**

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(57) **CLAIM**

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

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

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

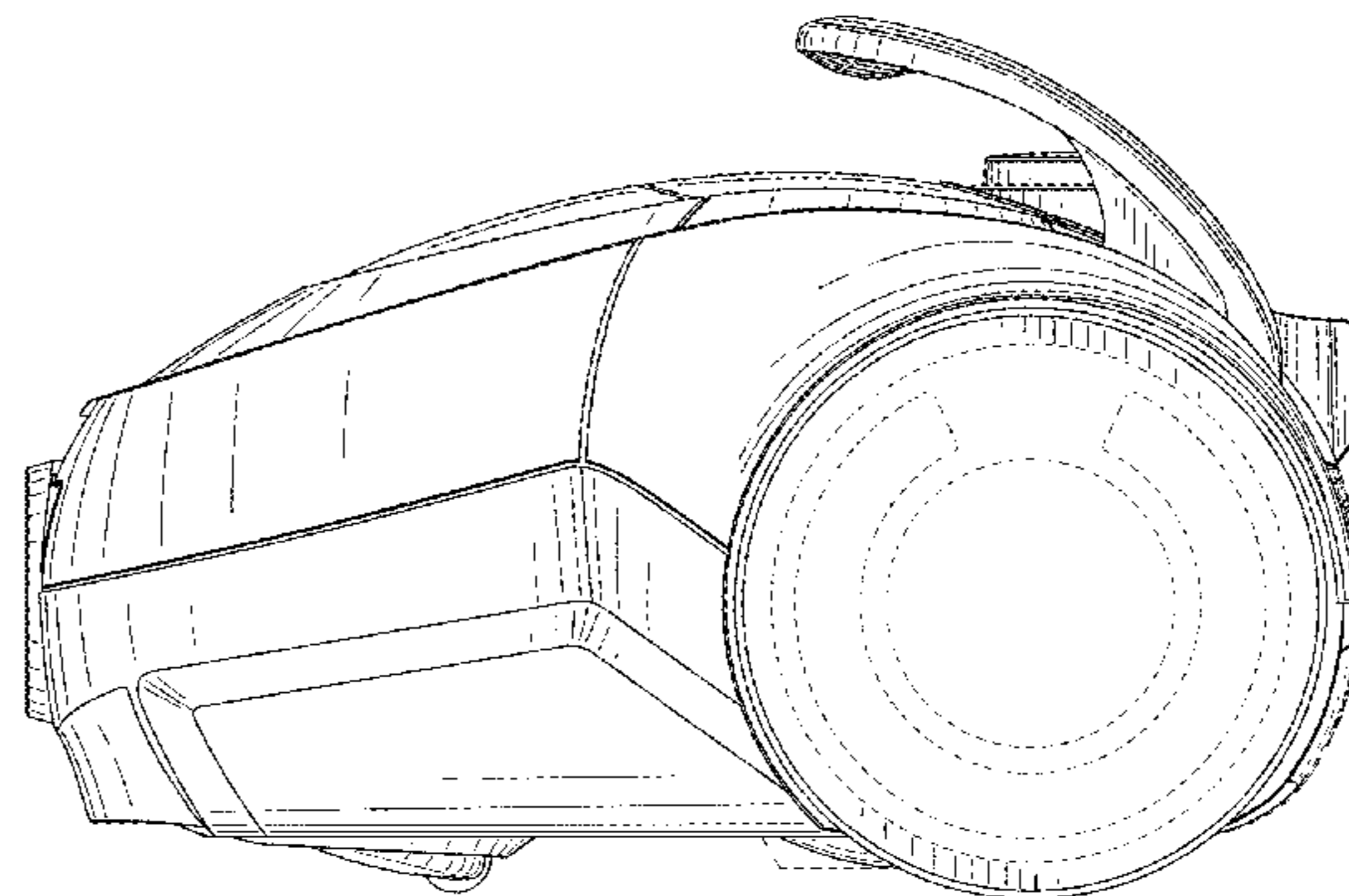
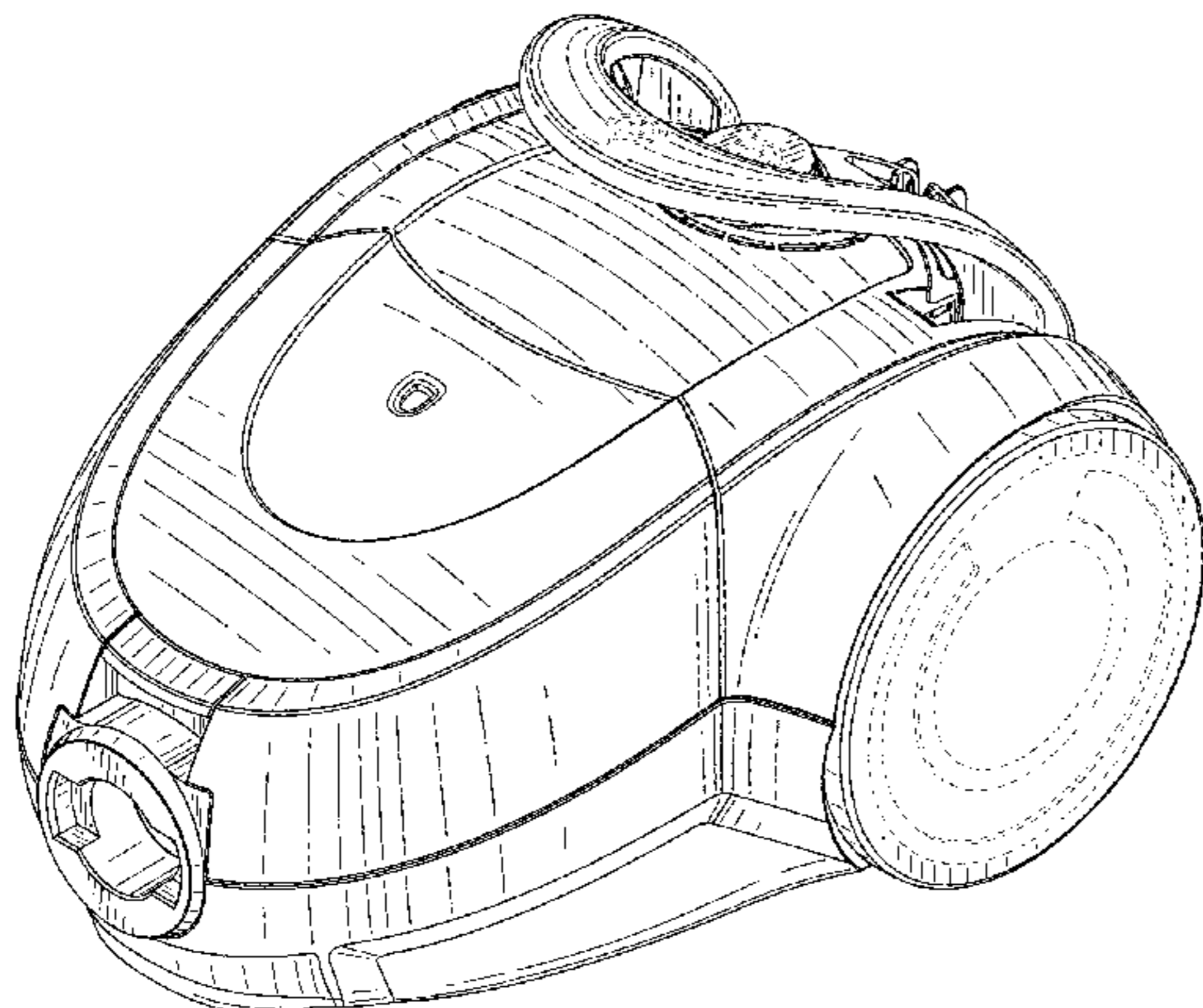
**DESCRIPTION**

(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 11/34; A47L 11/4072; A47L  
9/009; A47L 11/40

FIG. 1 is a front perspective view of a vacuum cleaner showing our new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a top view thereof;  
FIG. 4 is a bottom view thereof;  
FIG. 5 is a left-side view thereof;  
FIG. 6 is a right-side view thereof; and,  
FIG. 7 is a rear view thereof.

The portions of the vacuum cleaner shown in broken lines are included for the purpose of illustrating environment and form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



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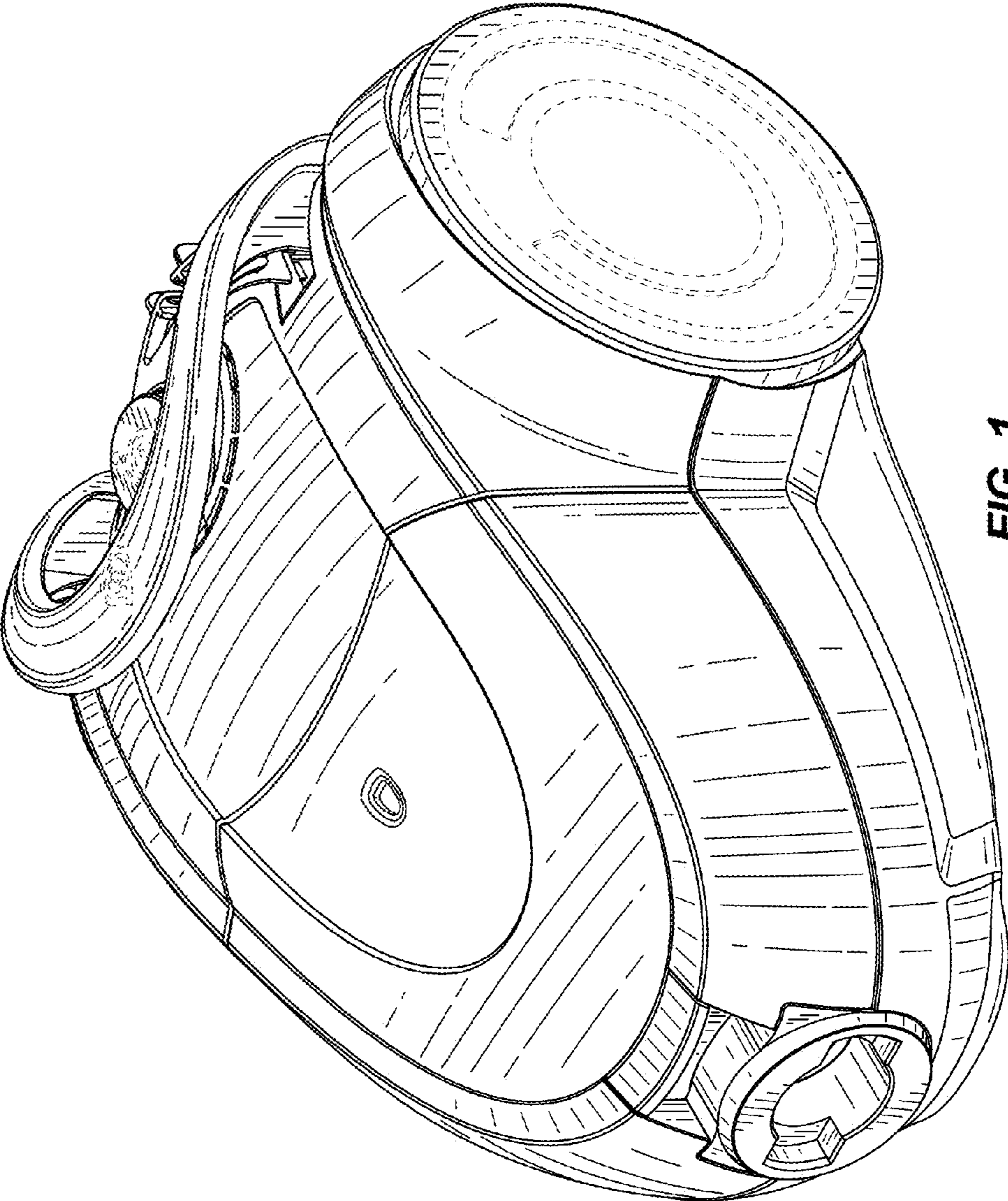
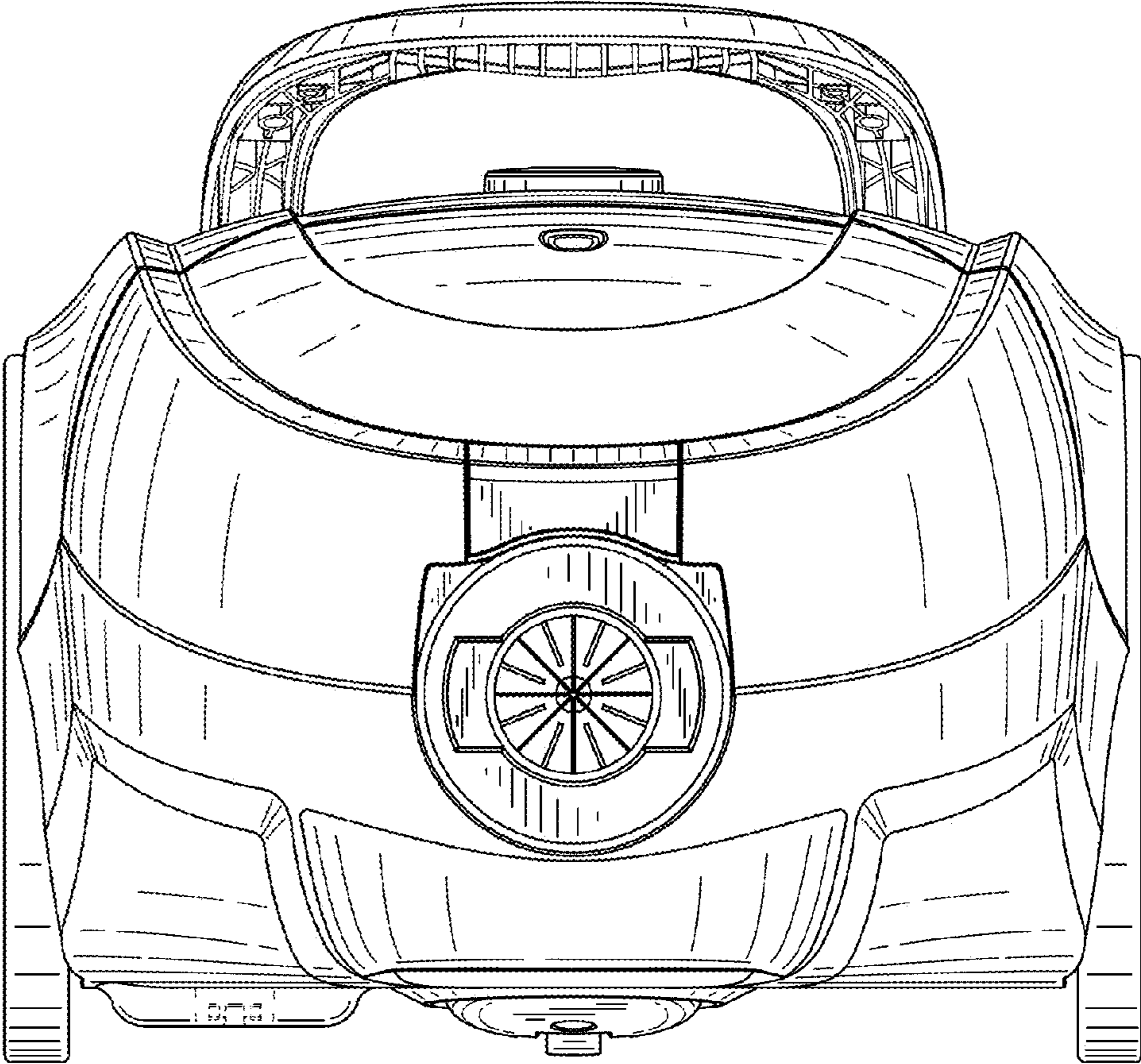


FIG. 1



**FIG. 2**

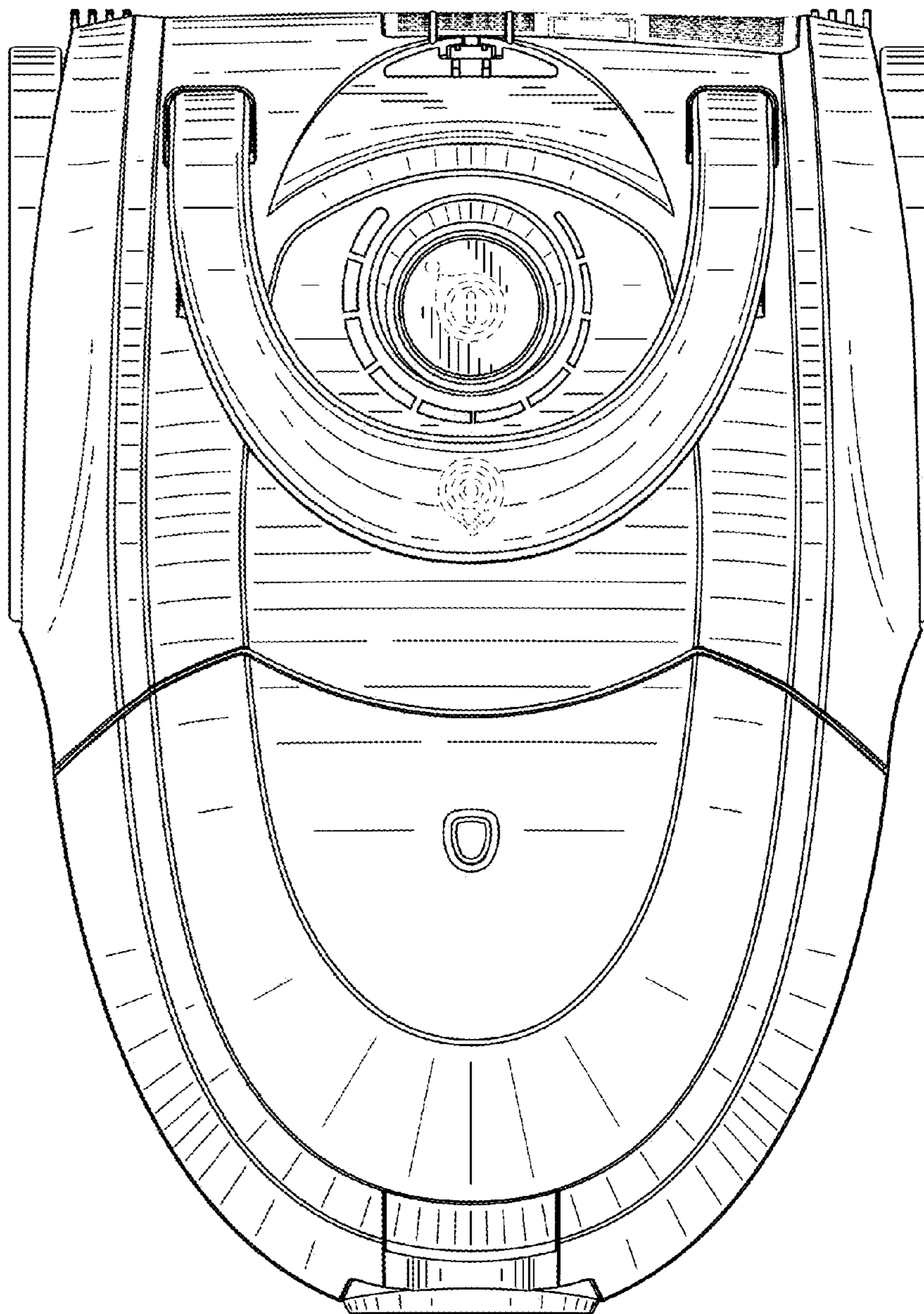


FIG. 3

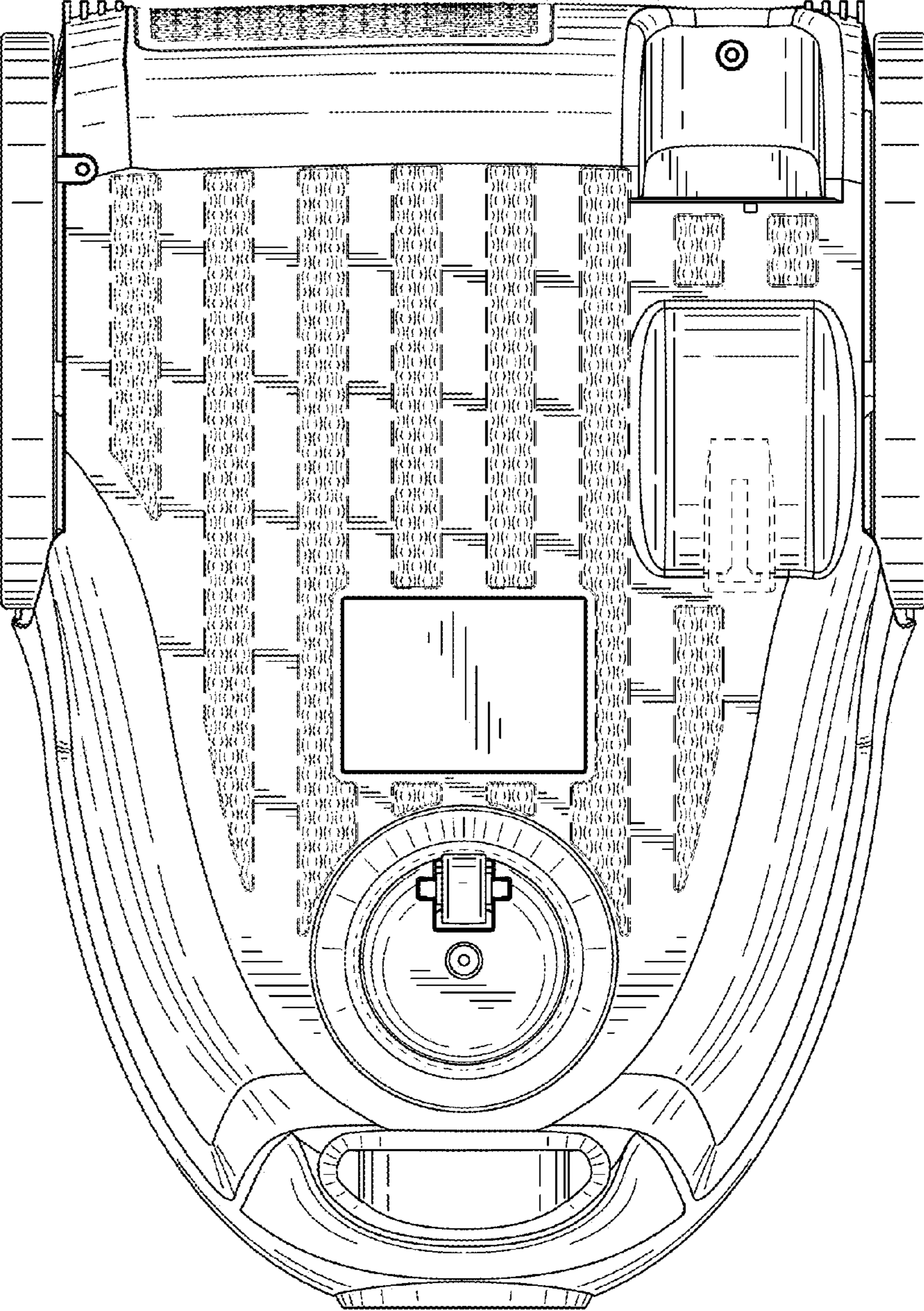


FIG. 4

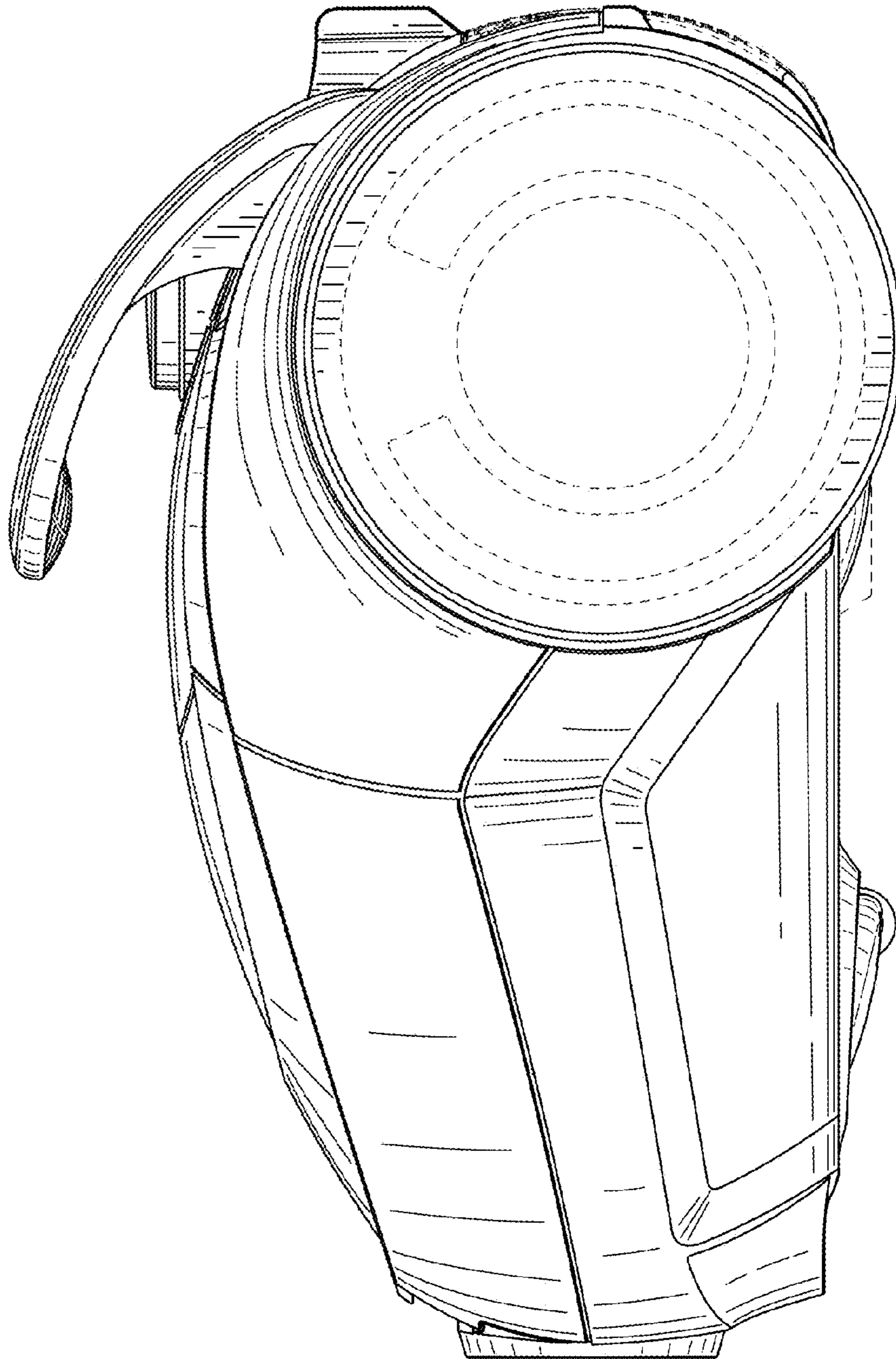


FIG. 5

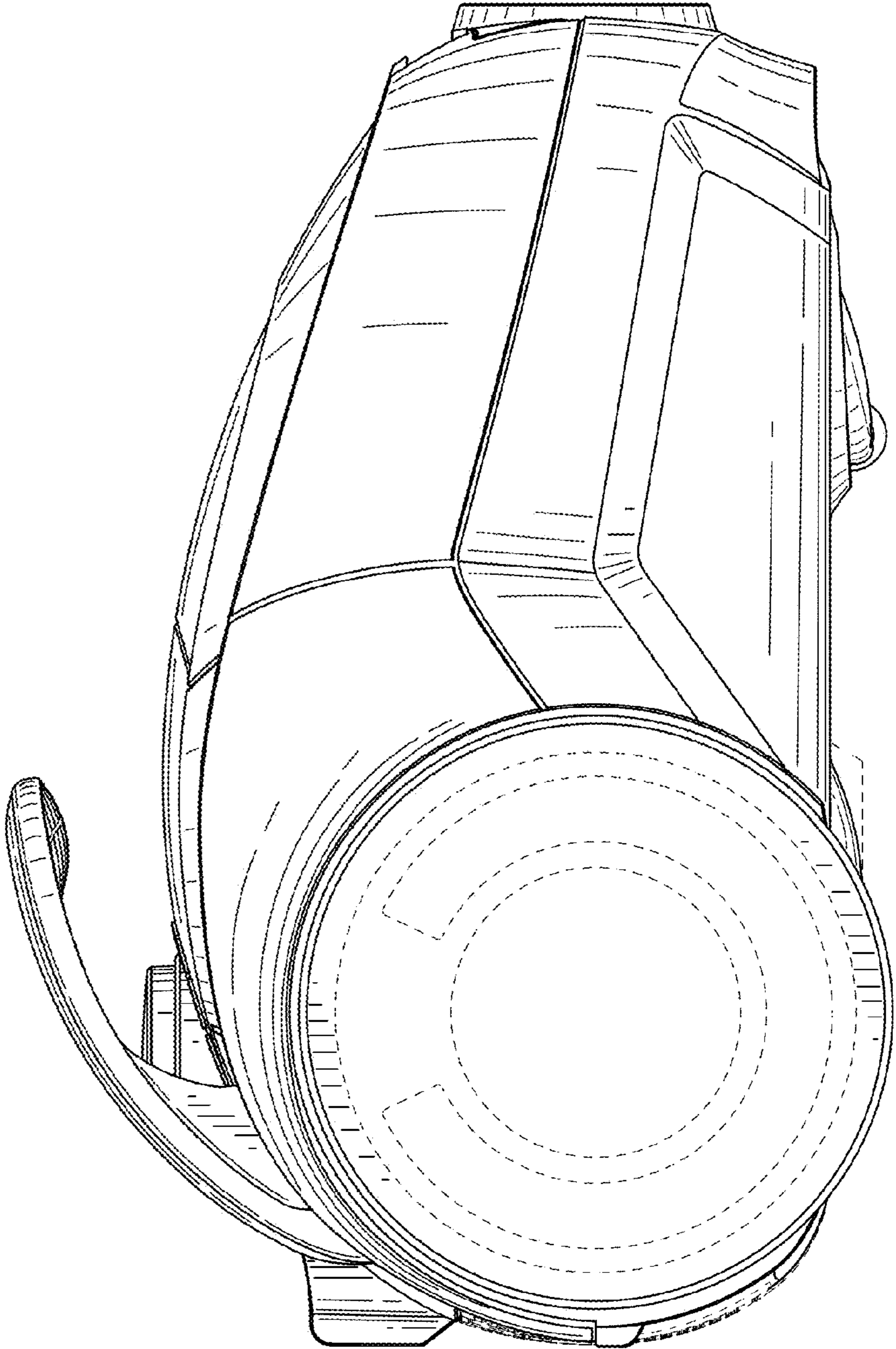
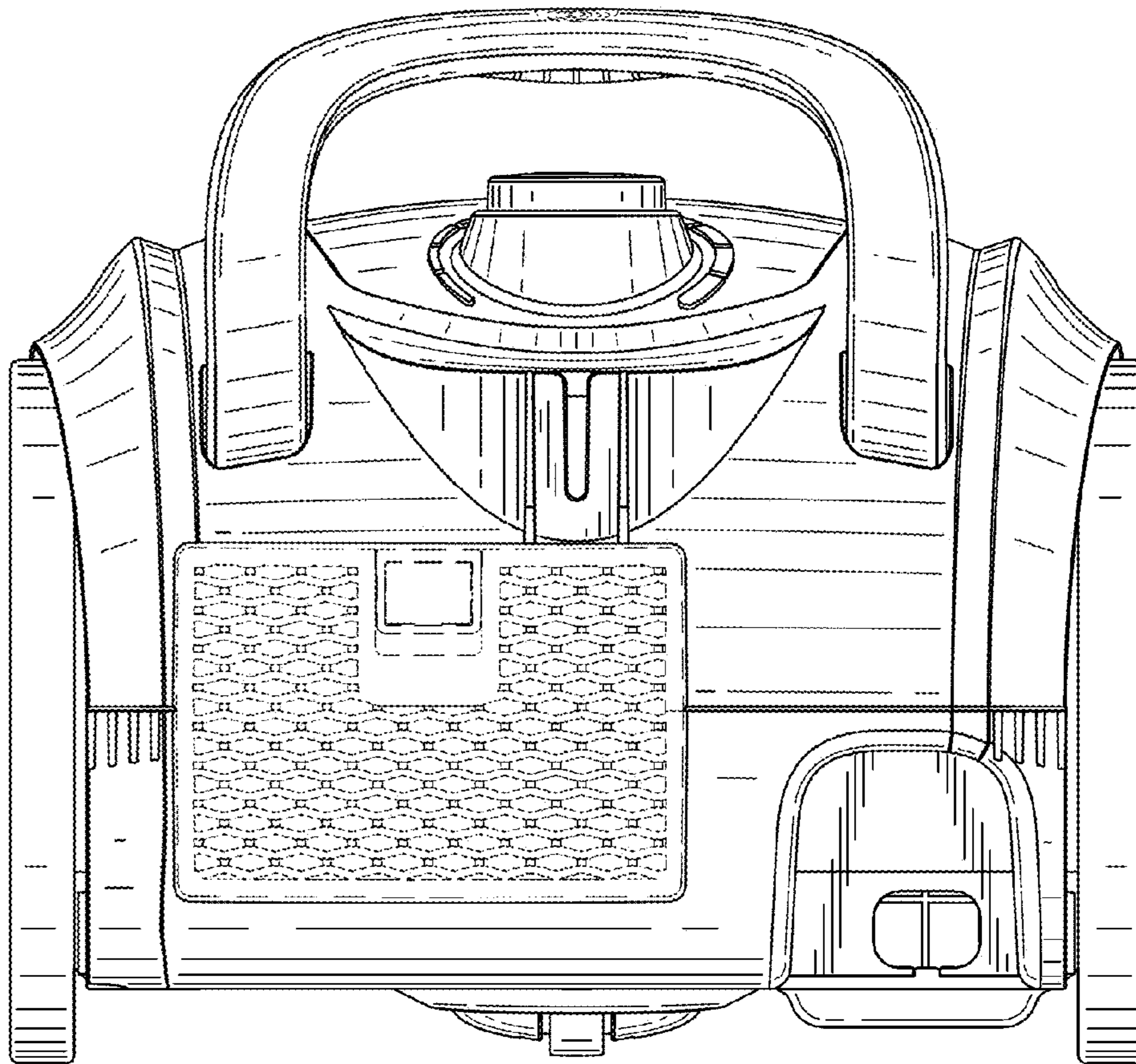


FIG. 6





**FIG. 7**