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# United States Patent [19] Griffin

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[54] **VACUUM CLEANER**

[75] Inventor: **John Griffin**, Phoenix, Ariz.

[73] Assignee: **Shop Vac Corporation**, Williamsport, Pa.

[\*\*] Term: **14 Years**

[21] Appl. No.: **29/097,505**

[22] Filed: **Dec. 8, 1998**

[51] **LOC (7) Cl. .... 15-05**

[52] **U.S. Cl. .... D32/23**

[58] **Field of Search** ..... D32/21, 23-25,  
D32/31; 15/327.1, 327.2, 327.4, 320-321,  
323, 352, 353, 347, 328

[56] **References Cited**

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[57] **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a perspective view of a vacuum cleaner showing my new design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a back elevational view thereof;

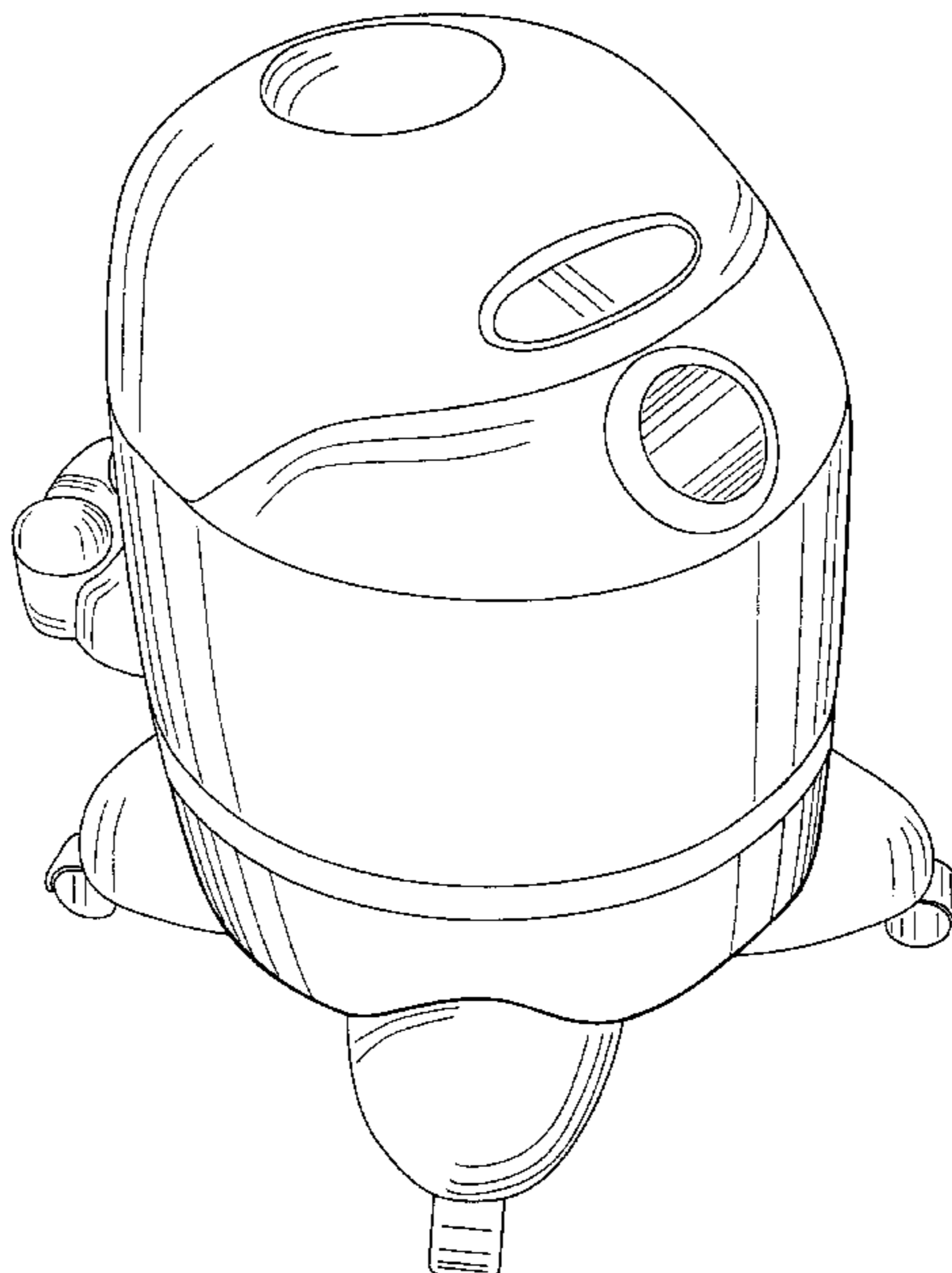
FIG. 4 is a left elevational view thereof;

FIG. 5 is a right elevational view thereof; and

FIG. 6 is a plan view thereof; and,

FIG. 7 is a bottom view thereof.

**1 Claim, 7 Drawing Sheets**



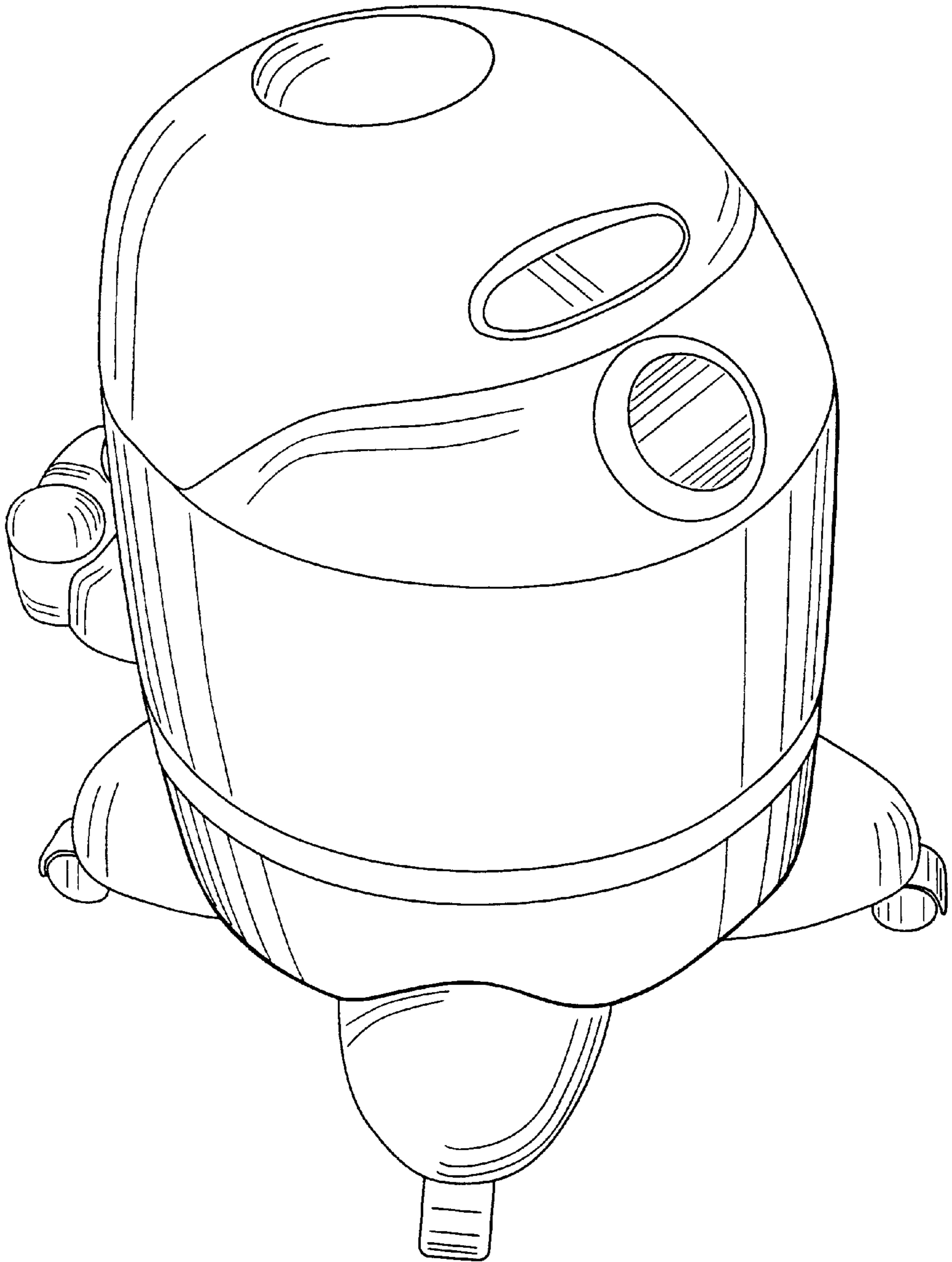


FIG. 1

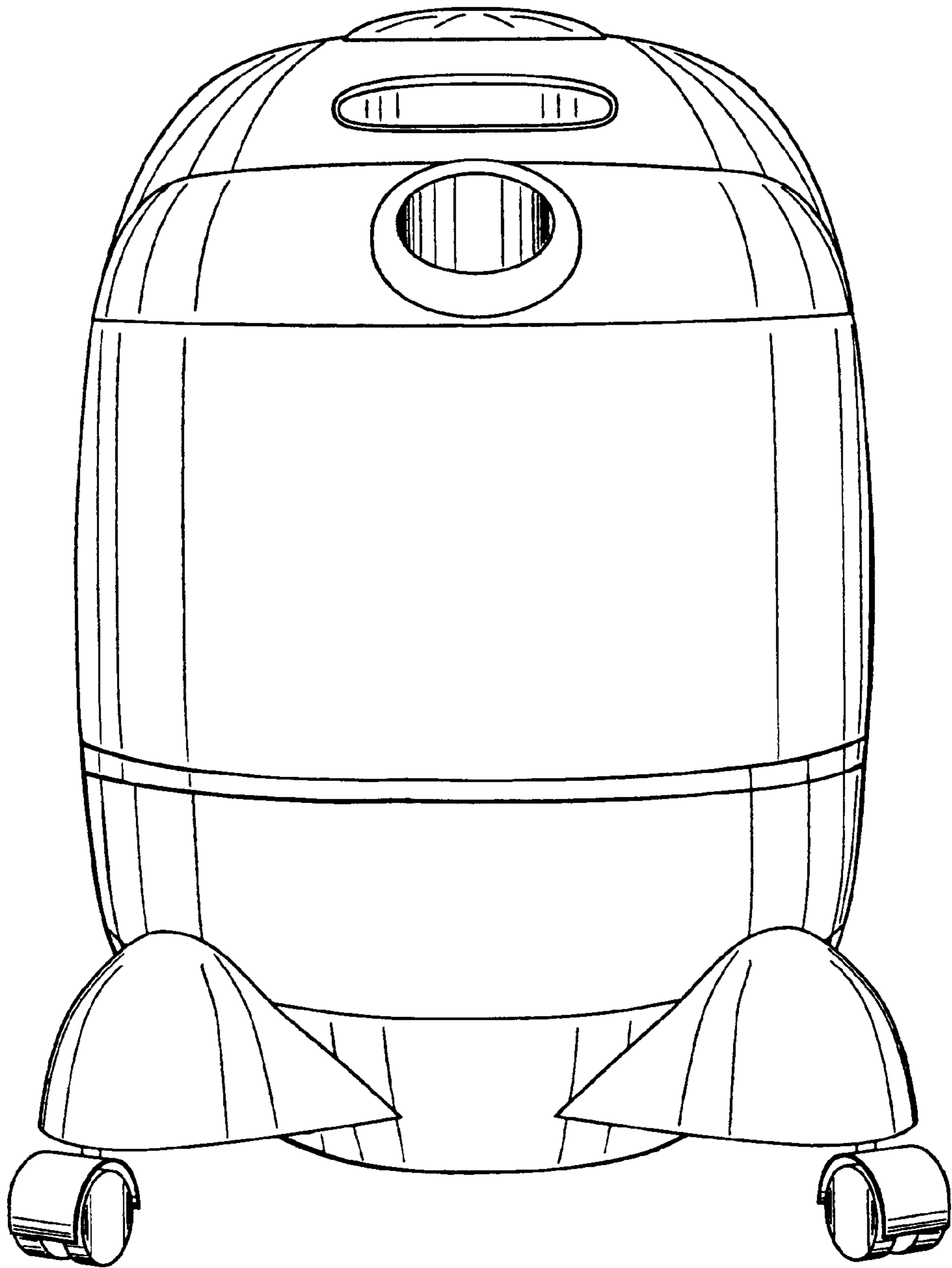


FIG. 2

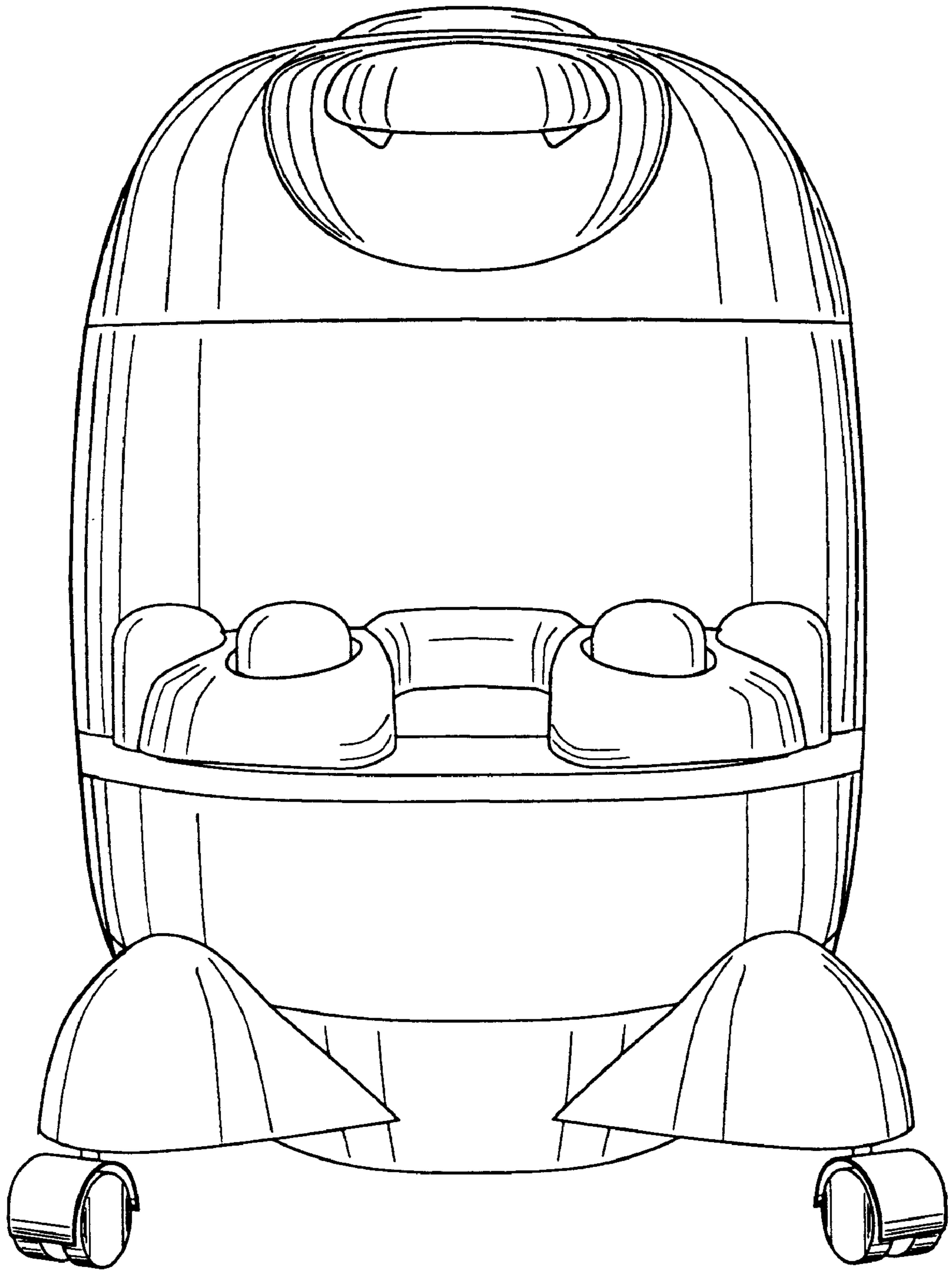


FIG. 3

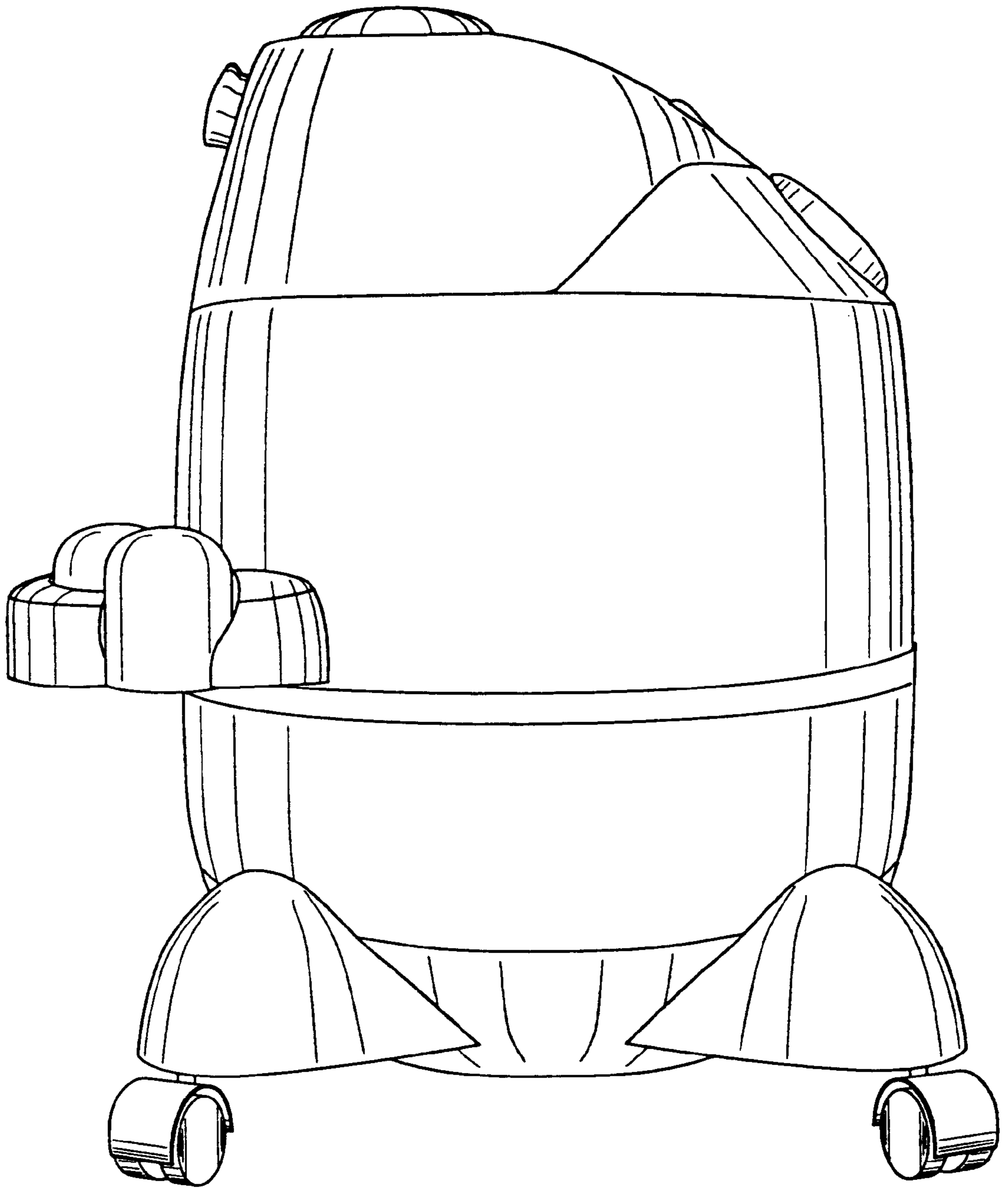
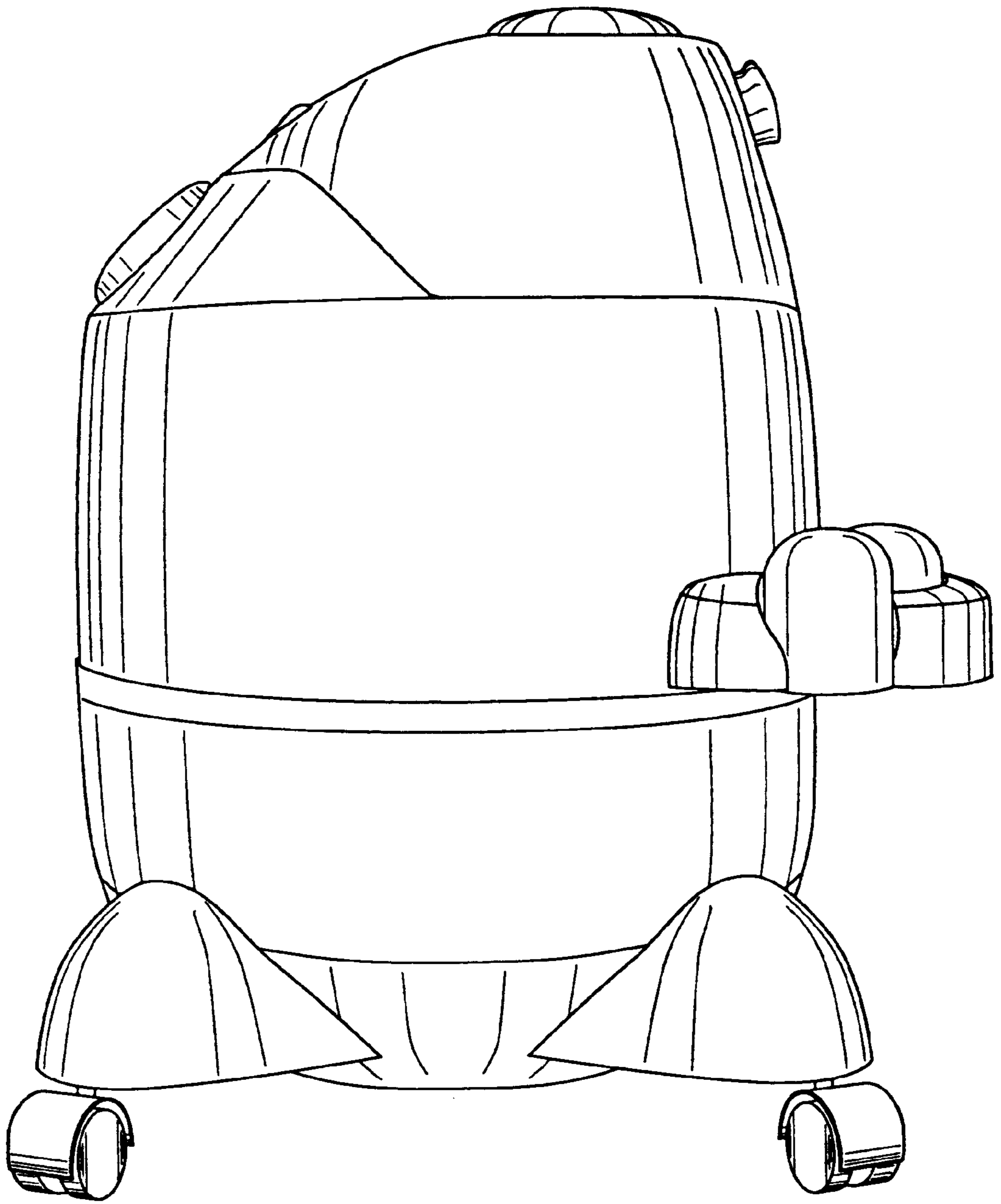


FIG. 4





**FIG. 5**

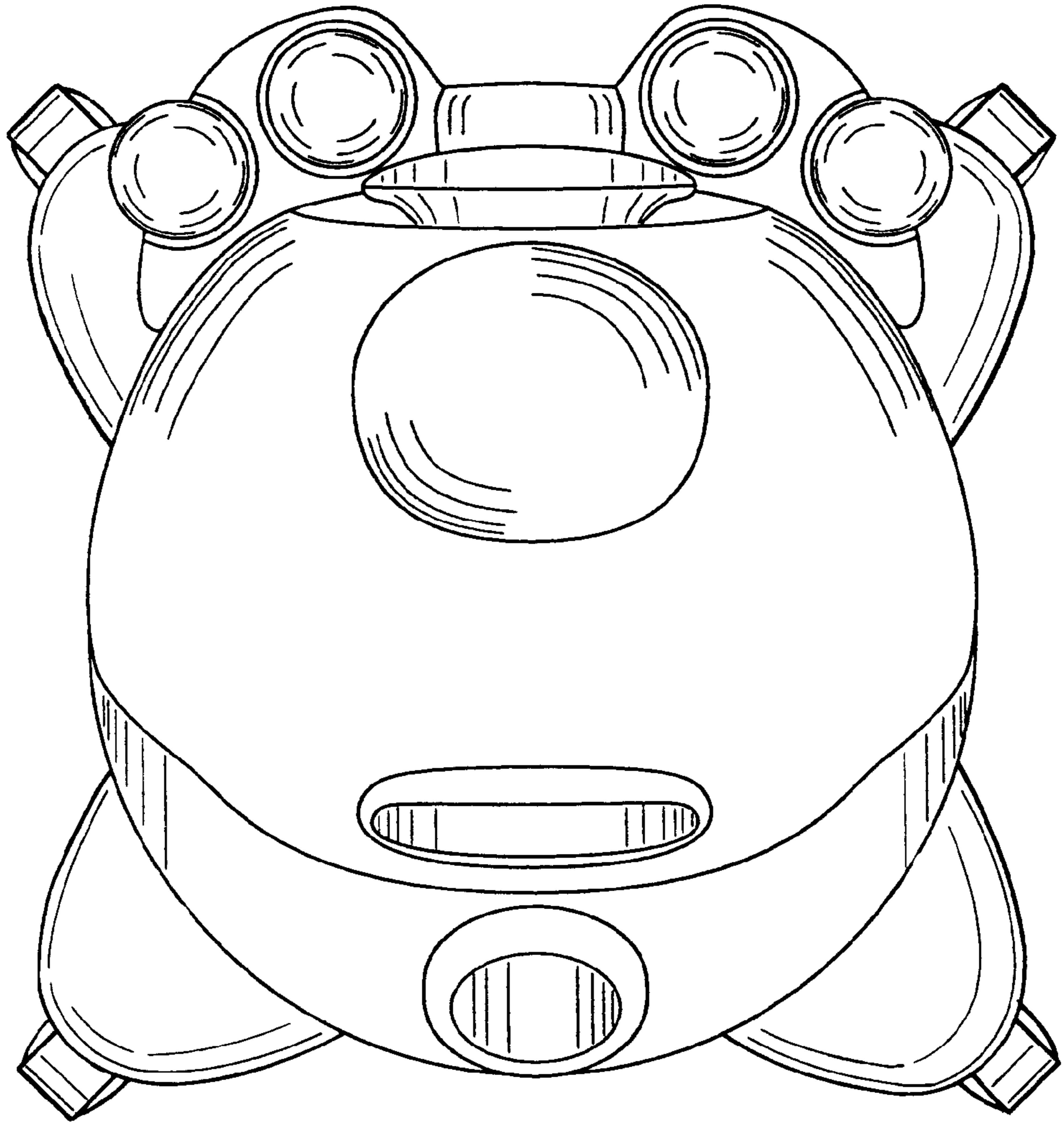


FIG. 6

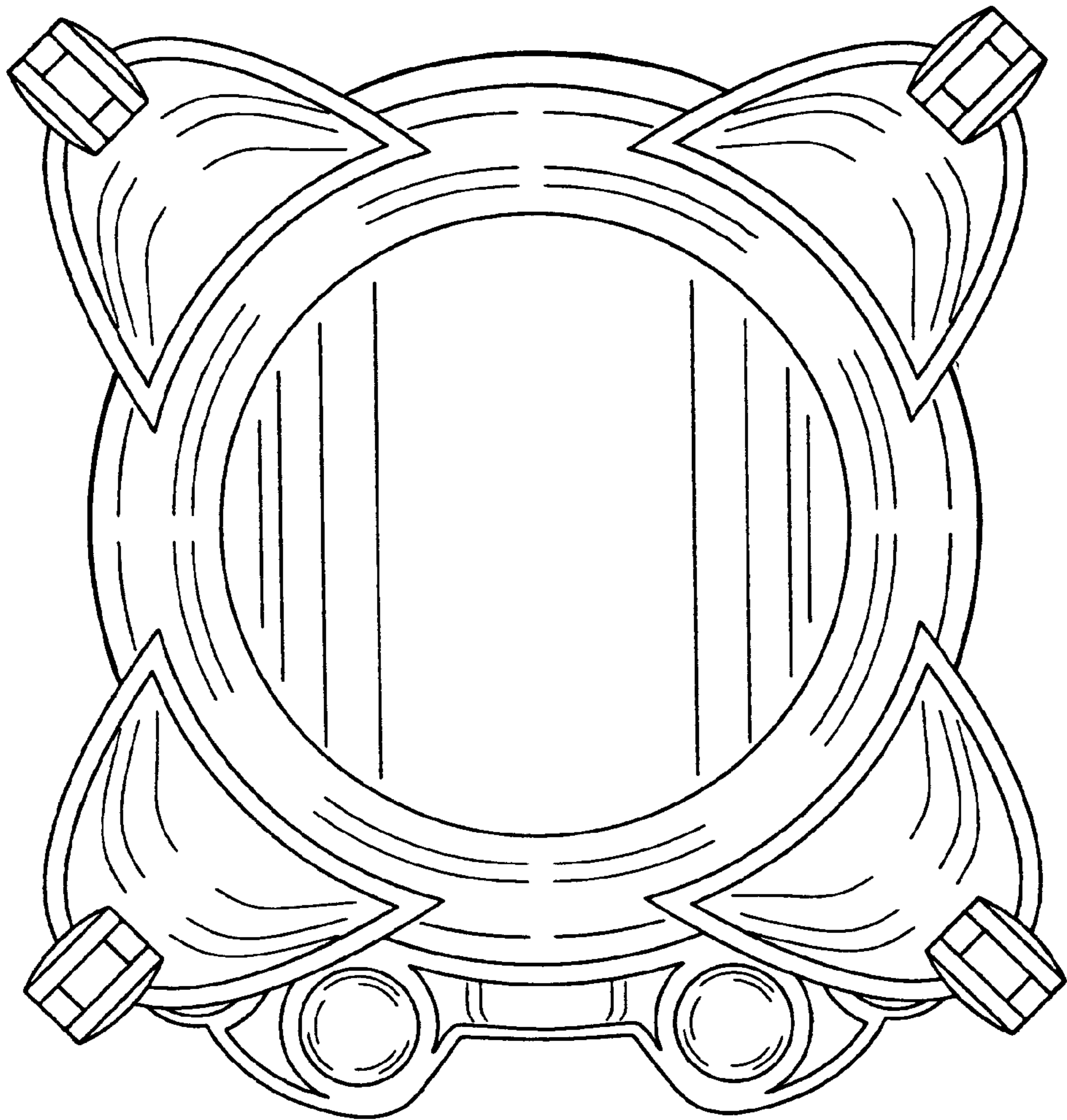


FIG. 7