



US00D417047S

United States Patent [19]
Tsuda

[11] **Patent Number: Des. 417,047**

[45] **Date of Patent: ** Nov. 23, 1999**

[54] **ELECTRIC VACUUM CLEANER**

[75] Inventor: **Yukihiro Tsuda**, Nara, Japan

[73] Assignee: **Matsushita Electric Industrial Co., Ltd.**, Japan

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

[21] Appl. No.: **29/087,981**

[22] Filed: **May 13, 1998**

[30] **Foreign Application Priority Data**

Nov. 27, 1997 [JP] Japan 9-76771

[51] **LOC (6) Cl.** **15-05**

[52] **U.S. Cl.** **D32/21**

[58] **Field of Search** D32/21, 23, 24;
15/320-321, 327.1, 327.2, 327.6, 327.7,
347

[56] **References Cited**

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D. 344,375	2/1994	Piret et al.	D32/21
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D. 394,527	5/1998	Pochopien et al.	D32/21
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OTHER PUBLICATIONS

Sanyo Catalog issued in Aug. 10, 1997, containing Sanyo Model Nos. SC-MX05, SC-AO5, SC-ASO5, SC-M9, SC-A9, SC-9, SC-WX55, SC-88, SC-T7, SC-L2, SC-ATP2, SC-H20, and SC-P95V.

National Catalog issued on Nov. 1, 1997, containing Matsushita Model Nos. S101XP, S66, S100XP, L52VA, S60VA, M60, M50, L51 and L31P A11C.

Primary Examiner—Ruth McInroy

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[57] **CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective view of the top, front and right side of an electric vacuum cleaner showing my new design; FIG. 2 is a front view thereof; FIG. 3 is a top plan view thereof; FIG. 4 is a right side view thereof; FIG. 5 is a left side view thereof; FIG. 6 is a bottom view thereof; FIG. 7 is a rear view thereof; and, FIG. 8 is a reference view showing the handle in a raising position.

1 Claim, 4 Drawing Sheets

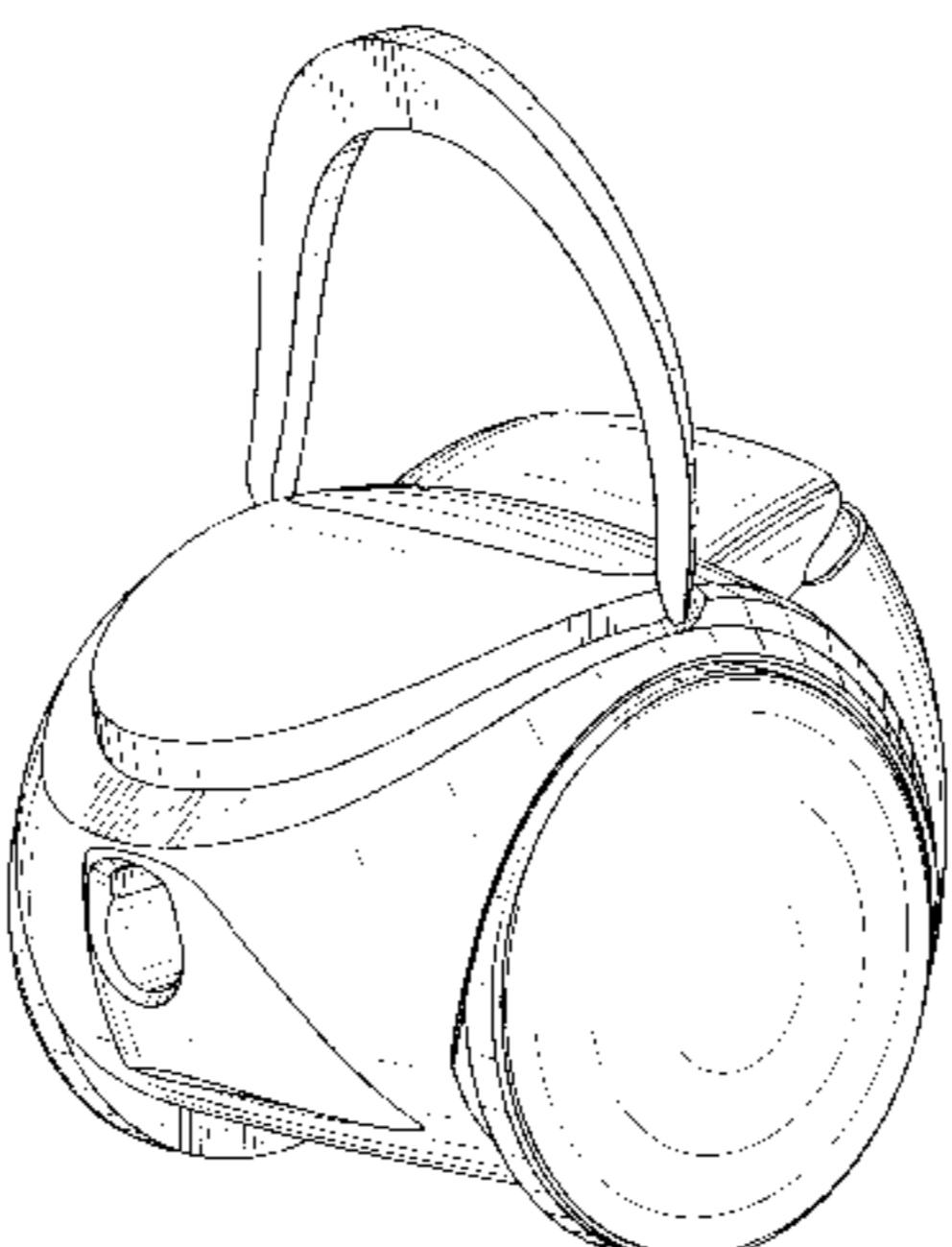
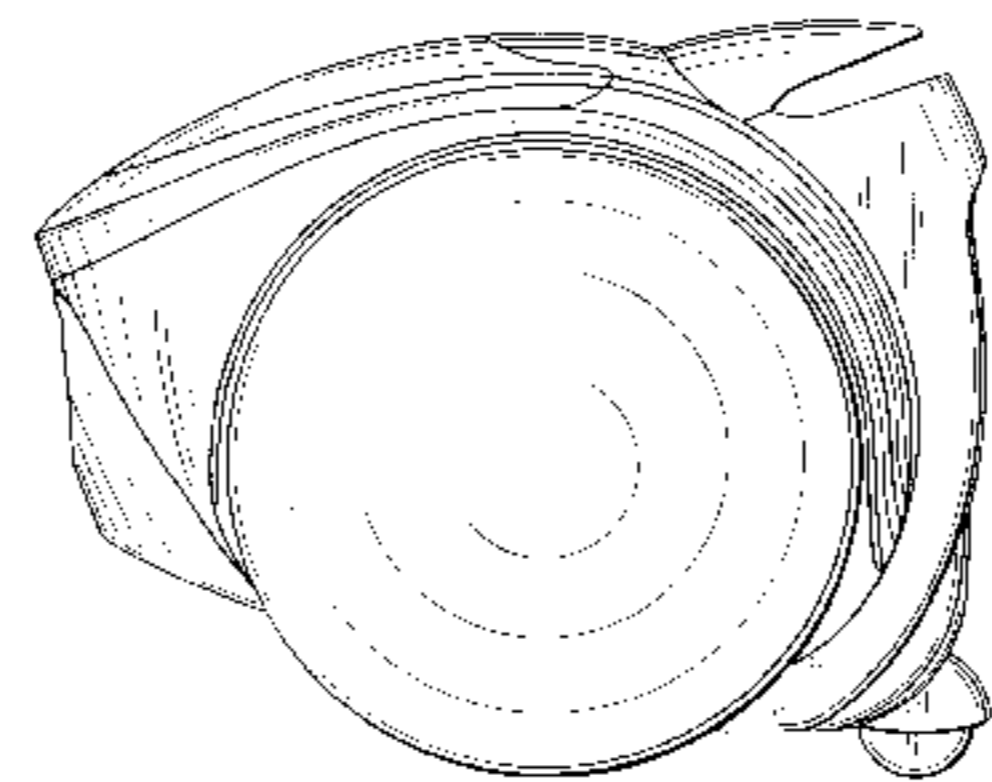
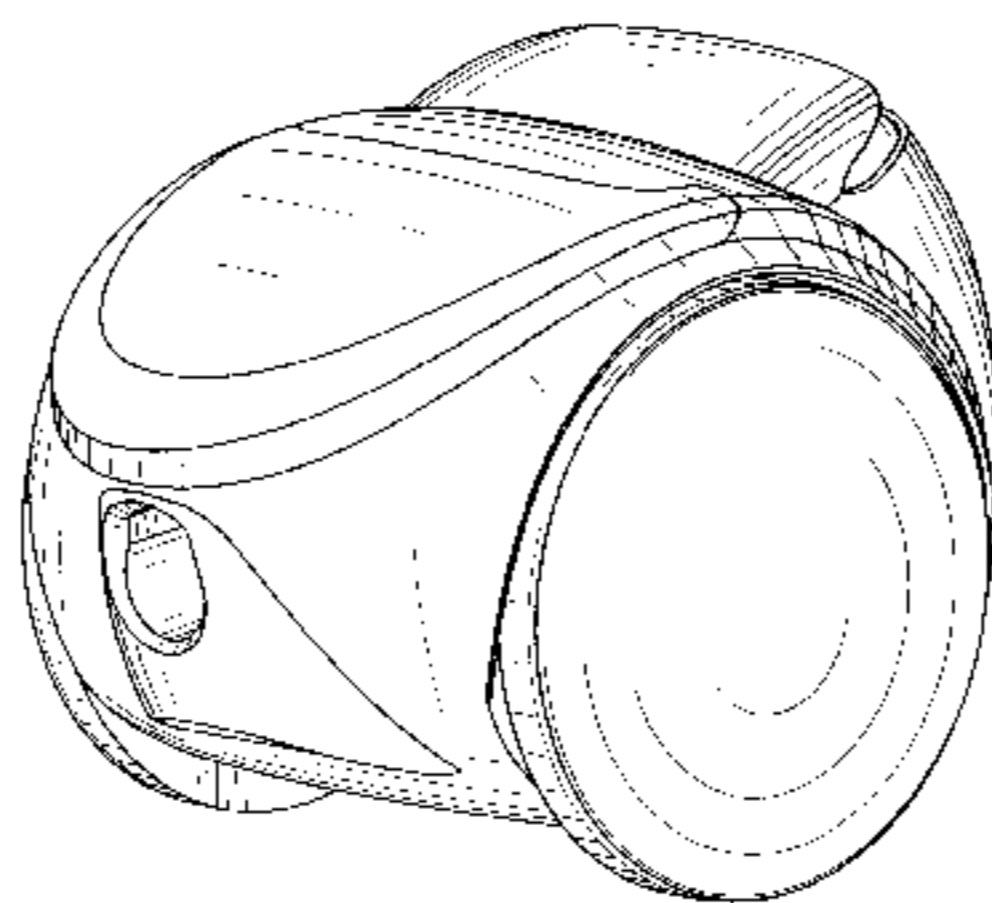


FIG. 1

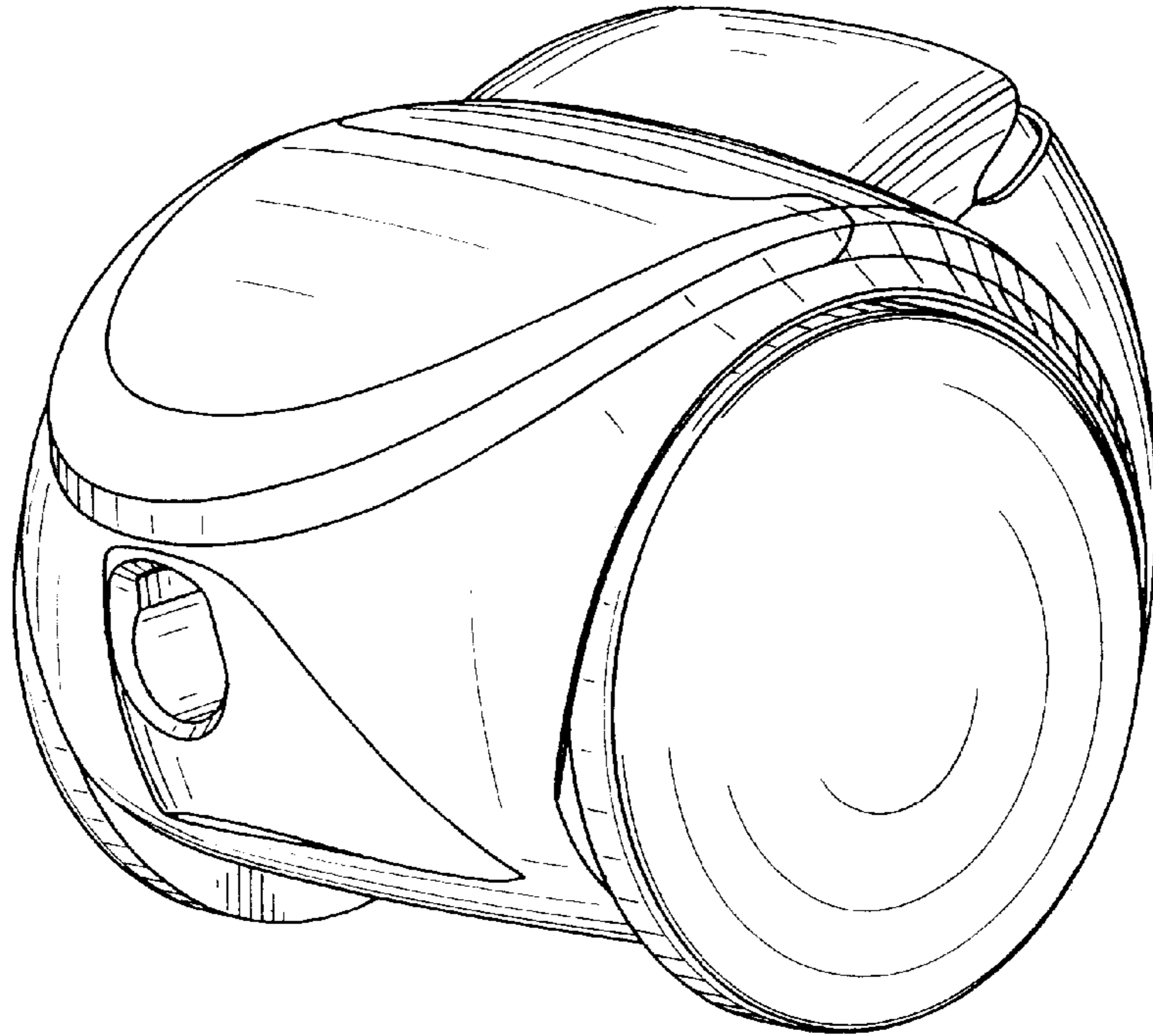


FIG. 2

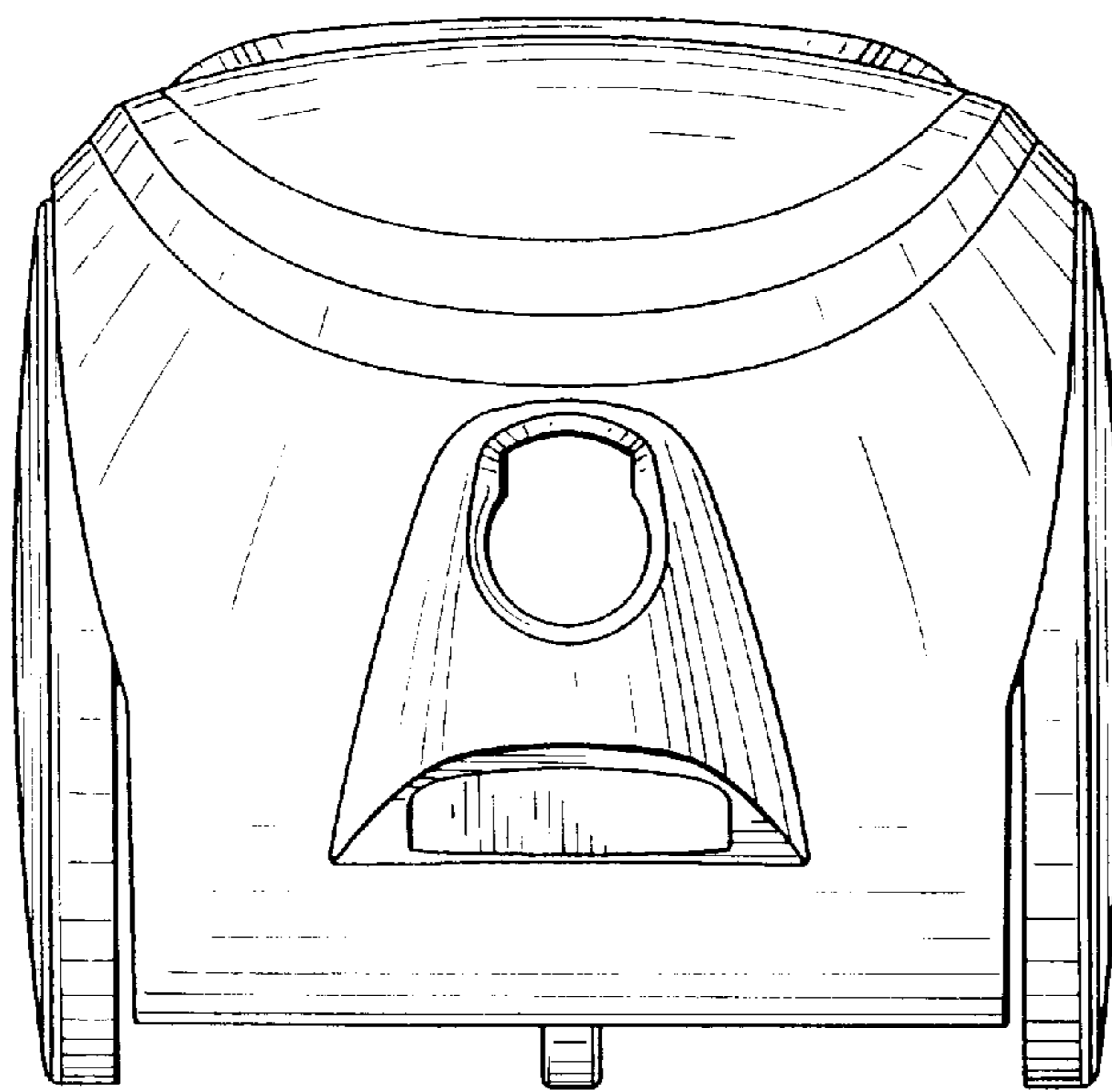


FIG. 3

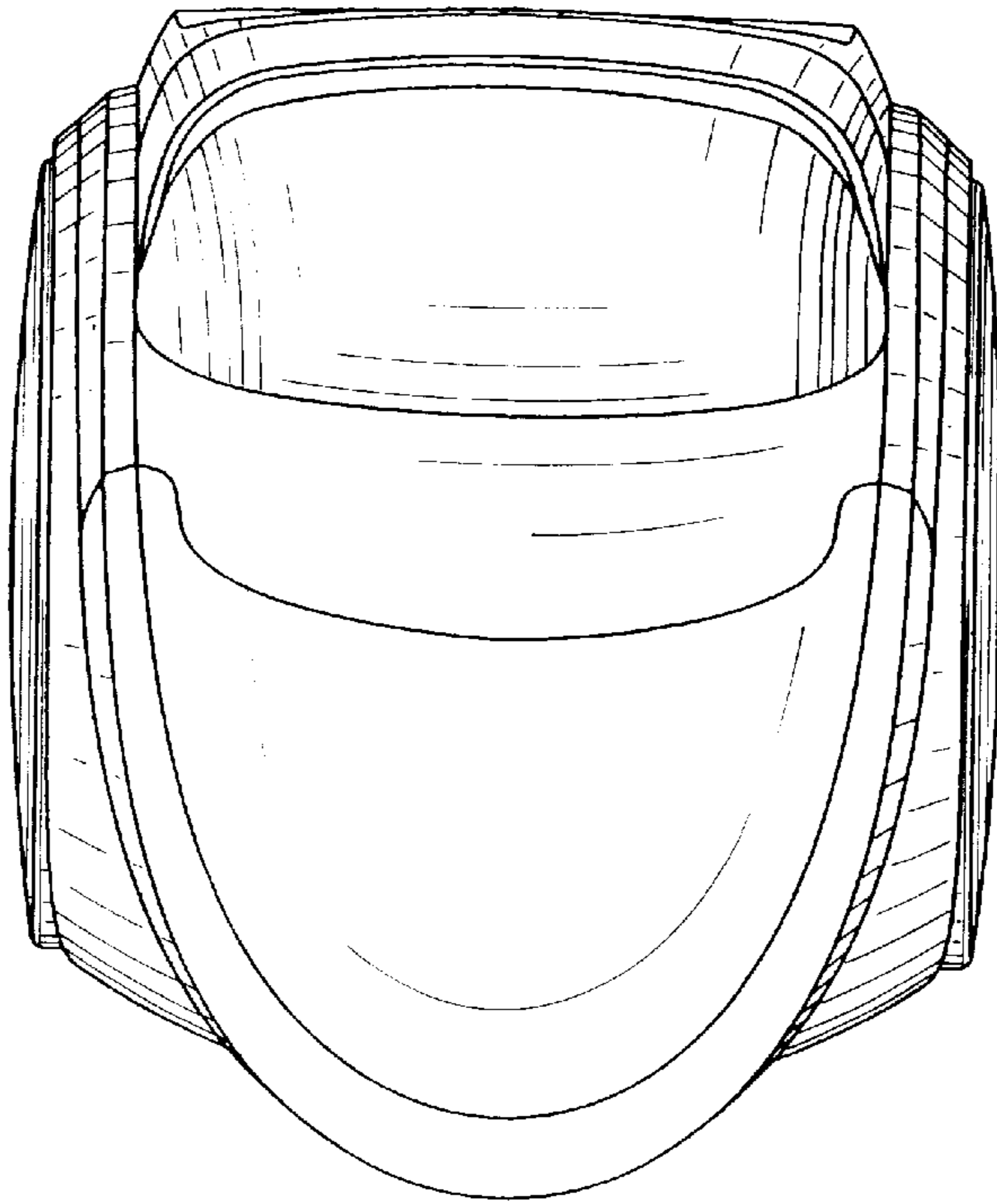


FIG. 4

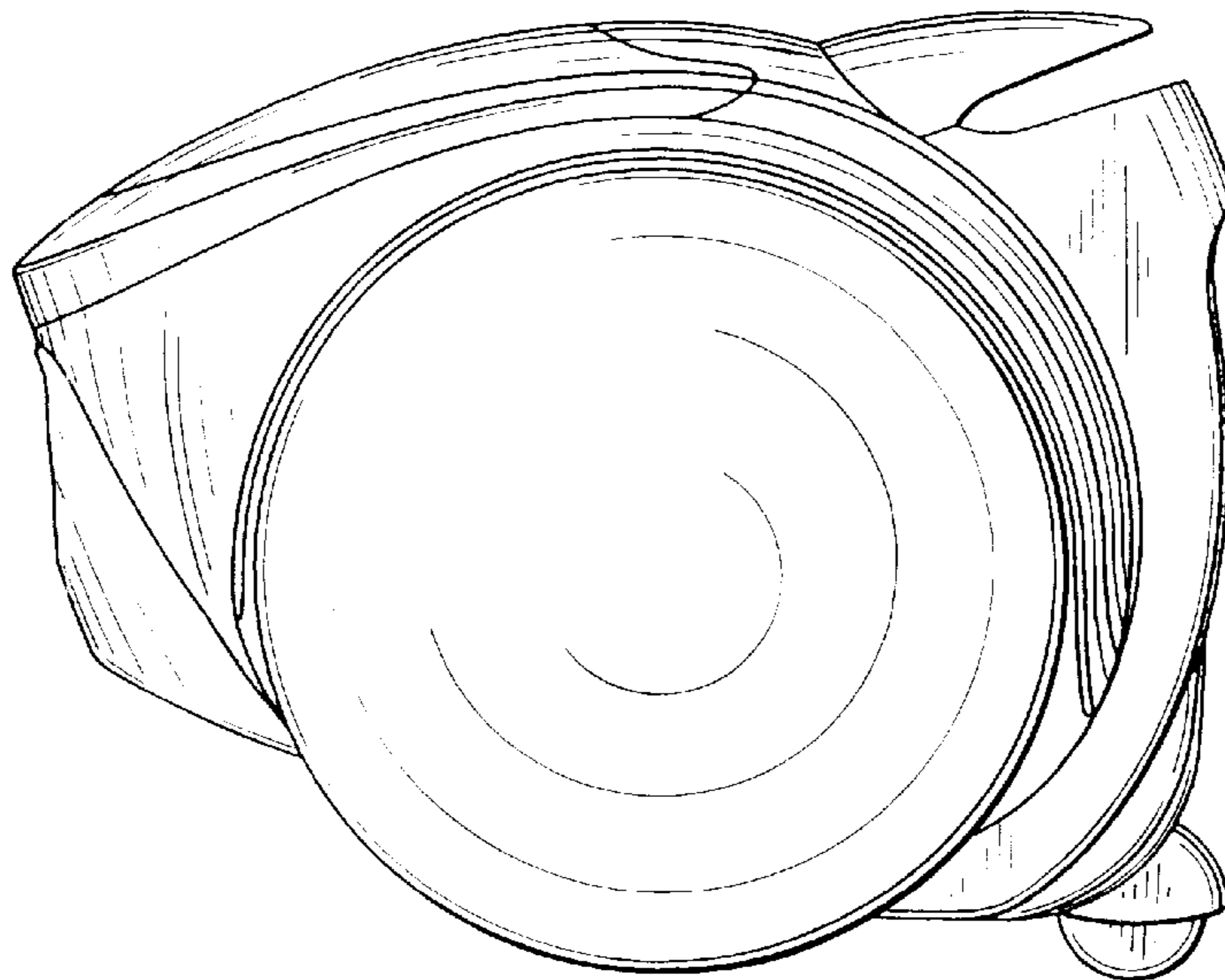


FIG. 5

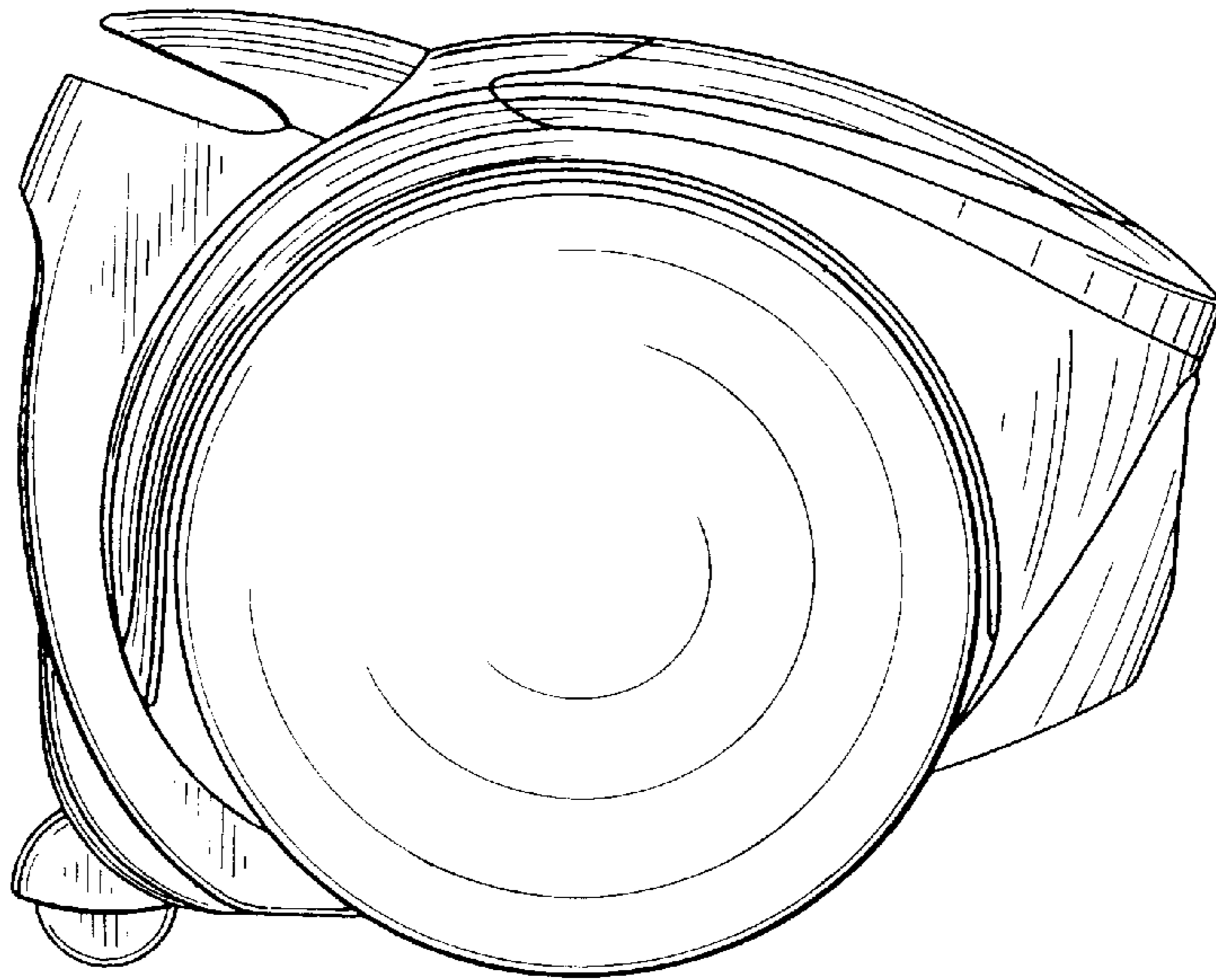


FIG. 6

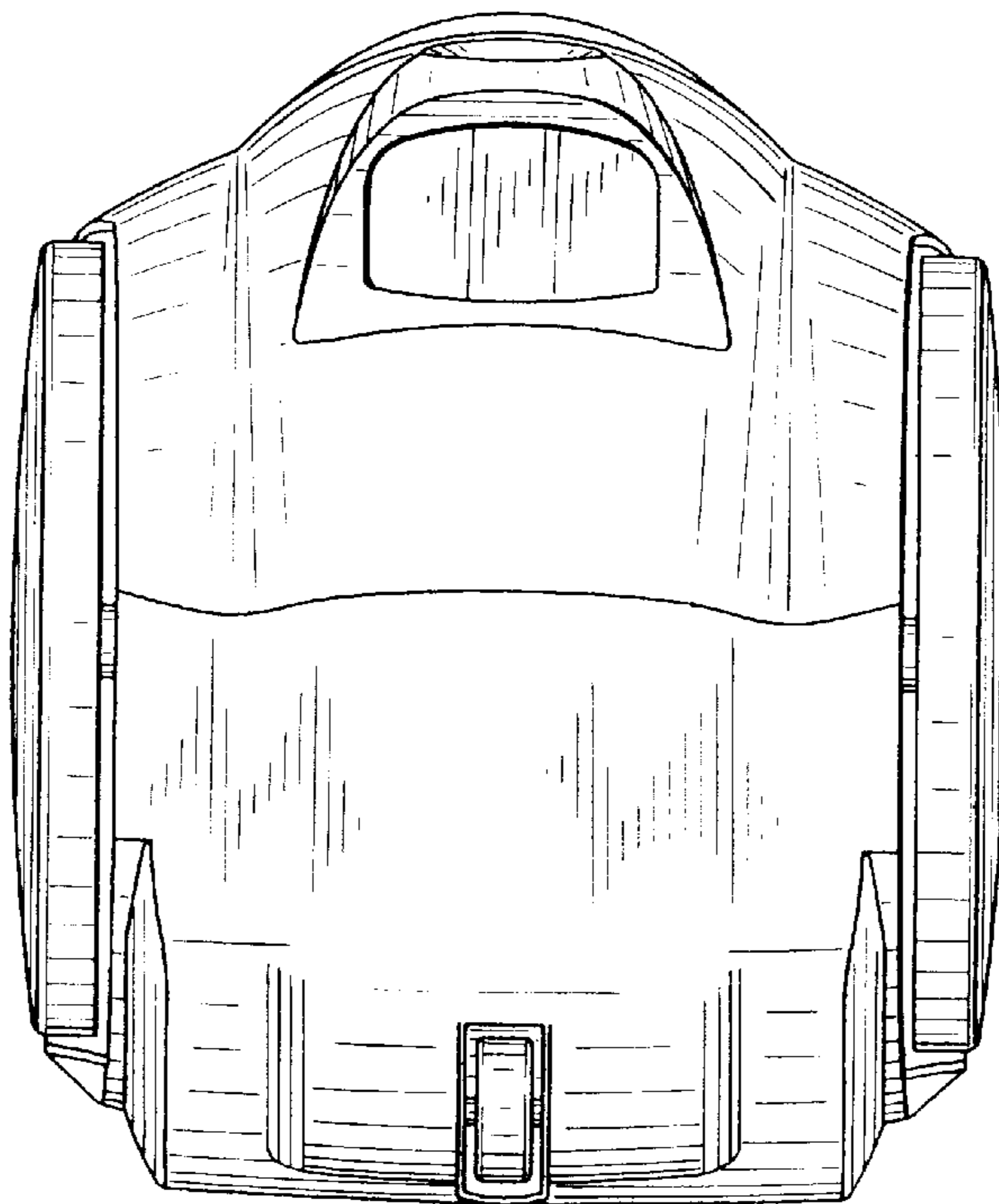


FIG. 7

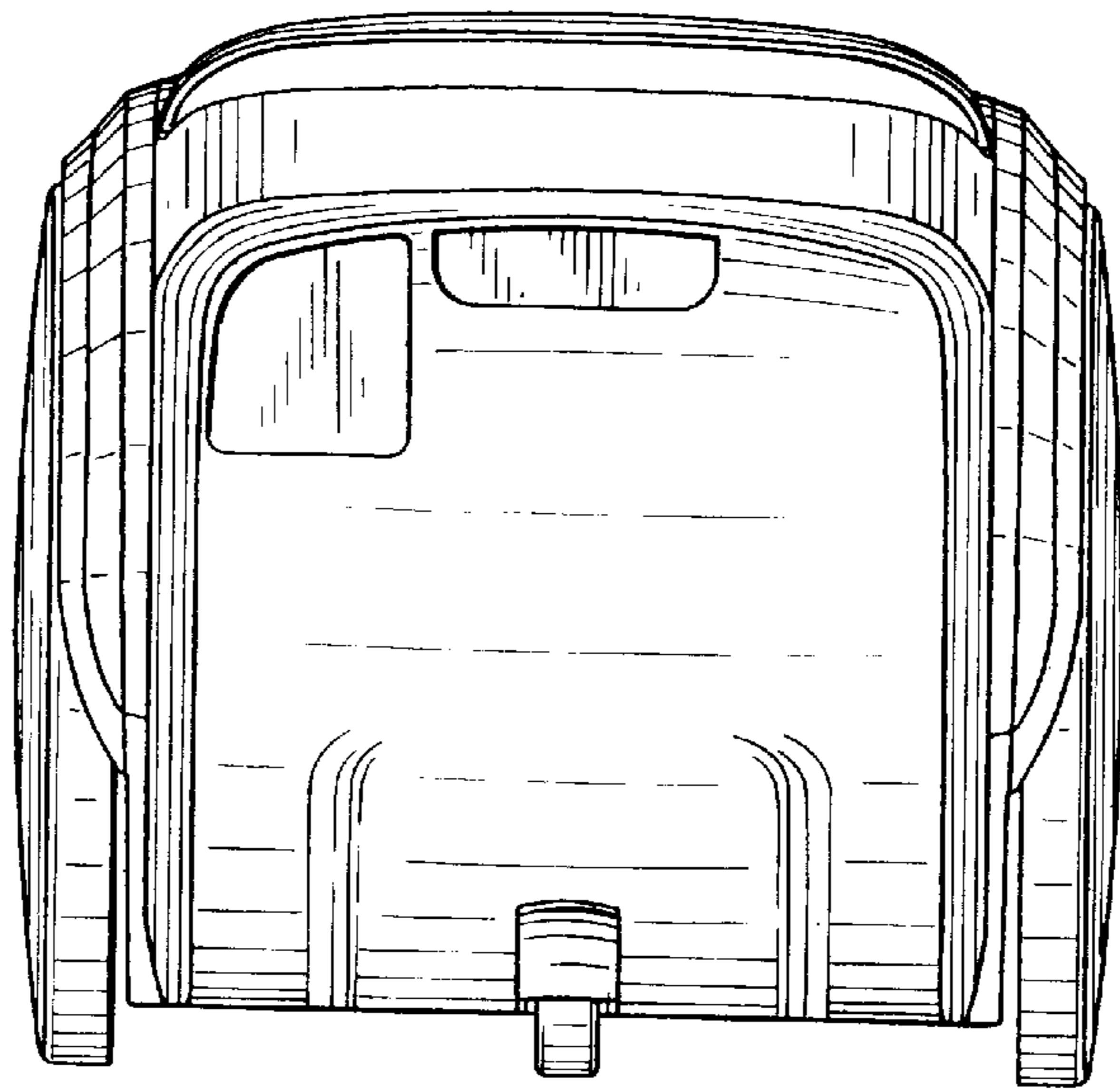


FIG. 8

