



US00D382680S

**United States Patent** [19]  
**Meelen**

[11] **Patent Number: Des. 382,680**

[45] **Date of Patent: \*\*Aug. 19, 1997**

[54] **VACCUM CLEANER**

[75] **Inventor: Hans Theo Meelen, Drachten, Netherlands**

[73] **Assignee: U.S. Philips Corporation, New York, N.Y.**

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

[21] **Appl. No.: 54,194**

[22] **Filed: May 20, 1996**

[30] **Foreign Application Priority Data**

Jan. 12, 1996 [WO] WIPO ..... DMA/003198

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

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

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

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

D. 315,431 3/1991 Ikeda ..... D32/21

- D. 325,273 4/1992 Ikeda ..... D32/21
- D. 325,274 4/1992 Ikeda ..... D32/21
- D. 344,164 2/1994 Kuriya ..... D32/21
- D. 344,165 2/1994 Kuriya ..... D32/21
- D. 373,665 9/1996 Nakamura et al. .... D32/21

*Primary Examiner*—Ruth McInroy  
*Attorney, Agent, or Firm*—Jack E. Haken

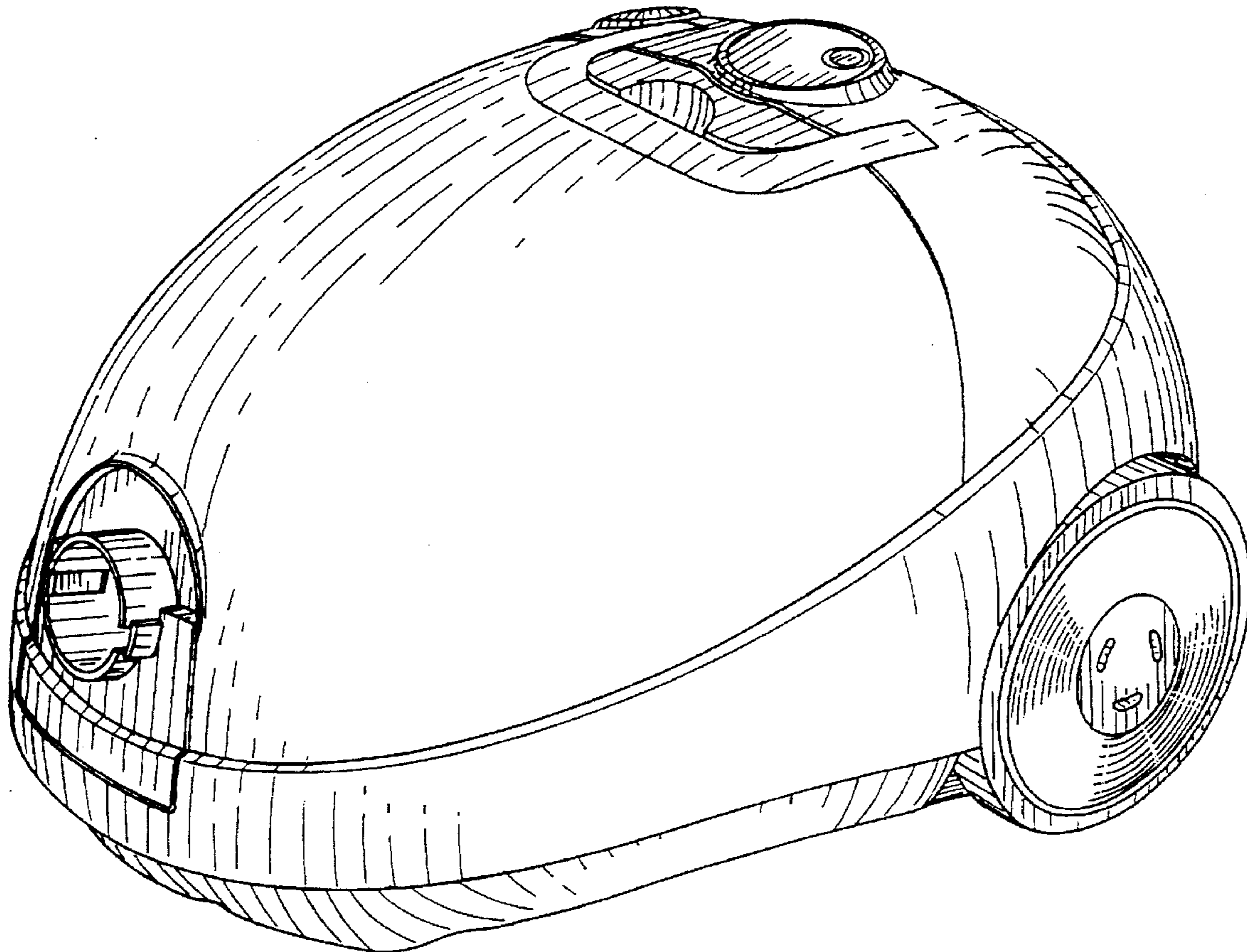
[57] **CLAIM**

The ornamental design for a vacuum cleaner, as shown.

**DESCRIPTION**

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

**1 Claim, 5 Drawing Sheets**



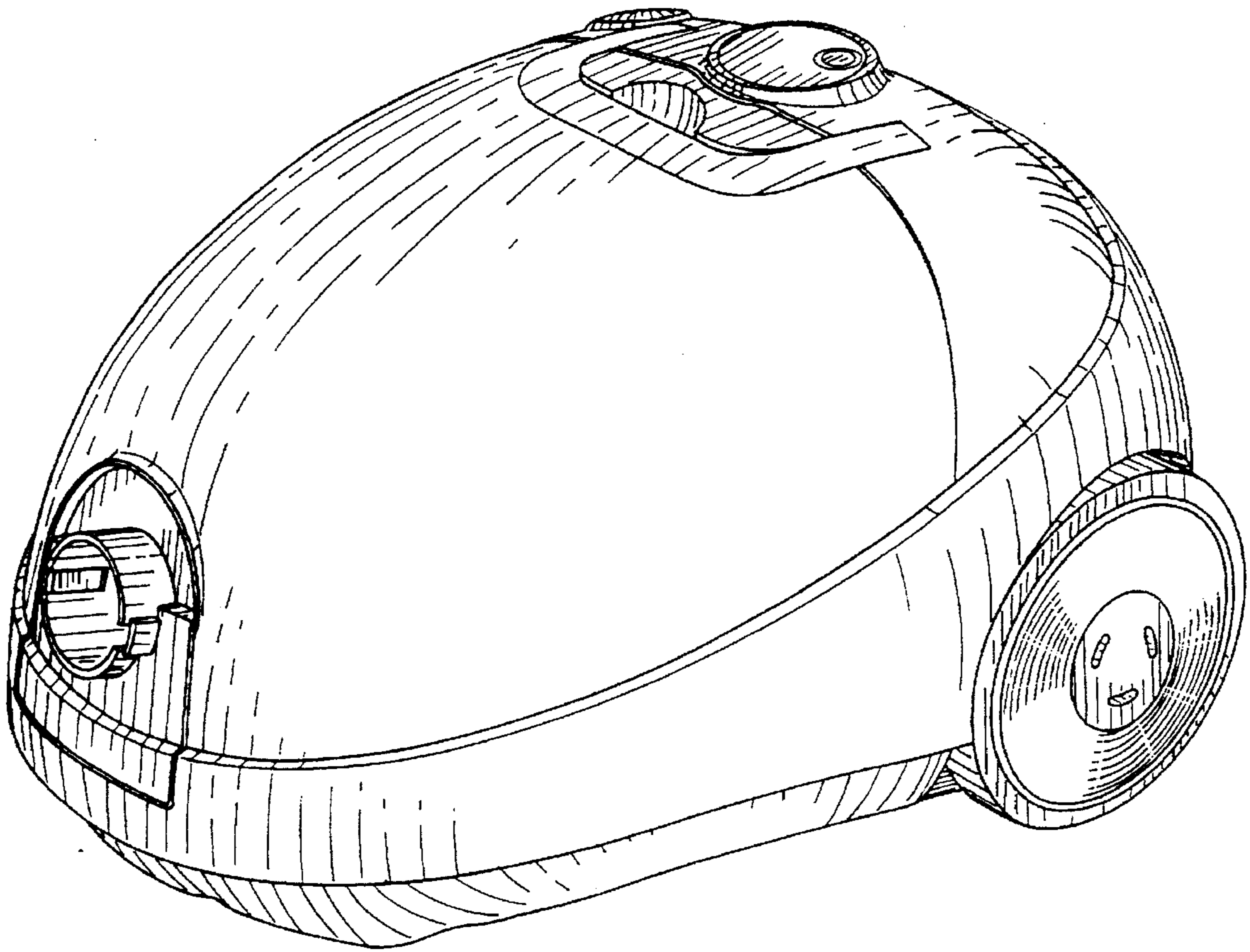


FIG.1

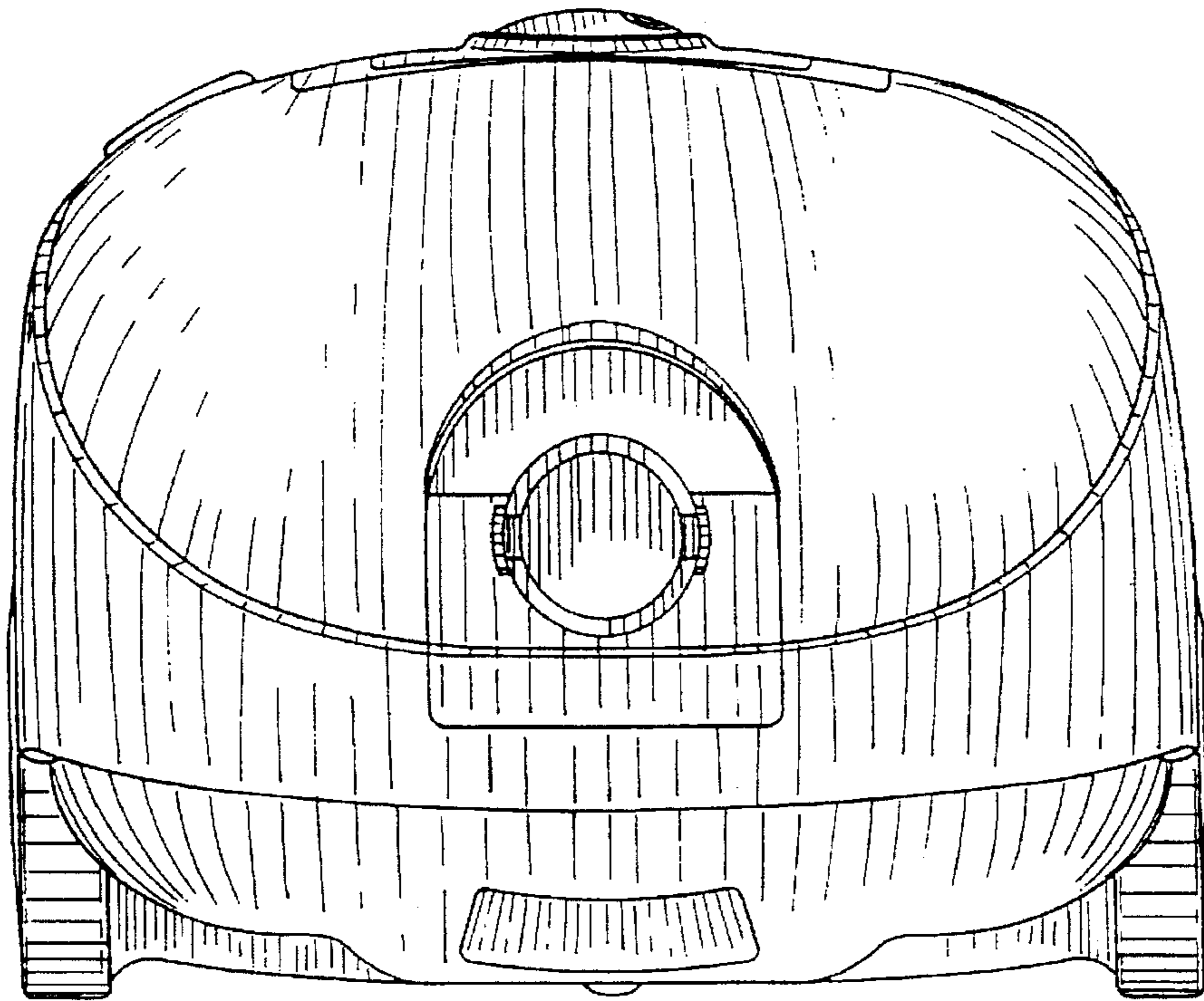


FIG. 2

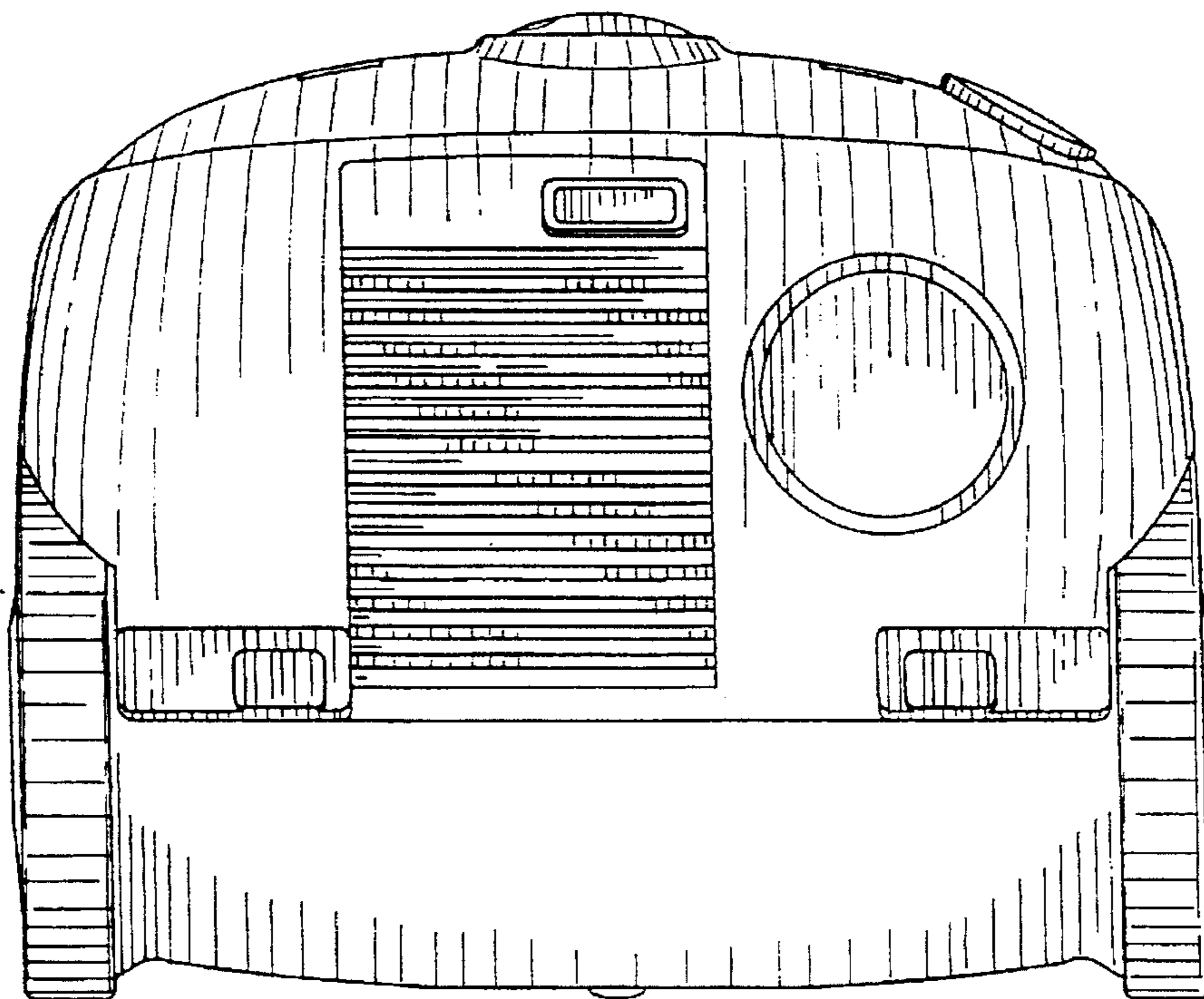


FIG. 3

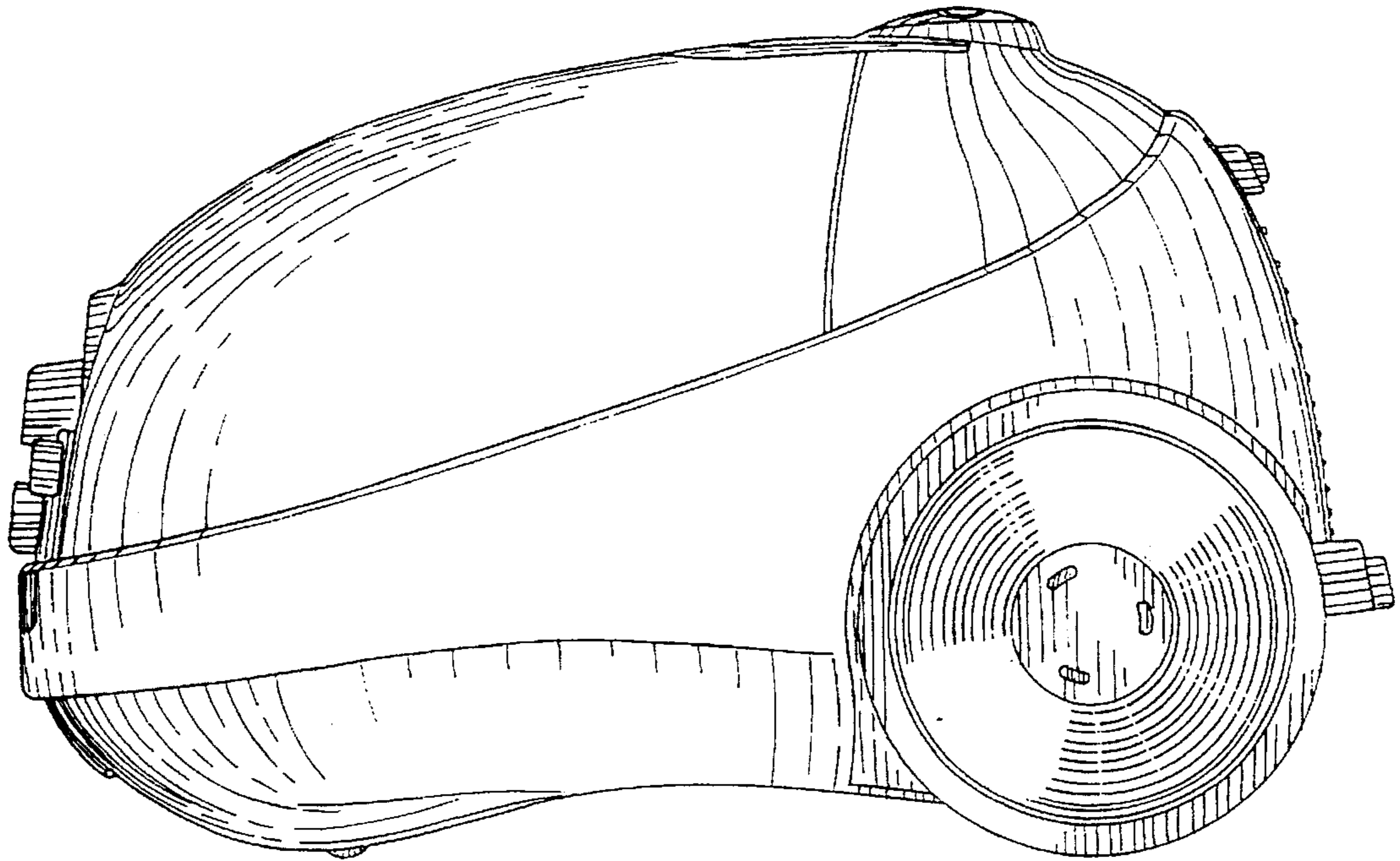


FIG. 4

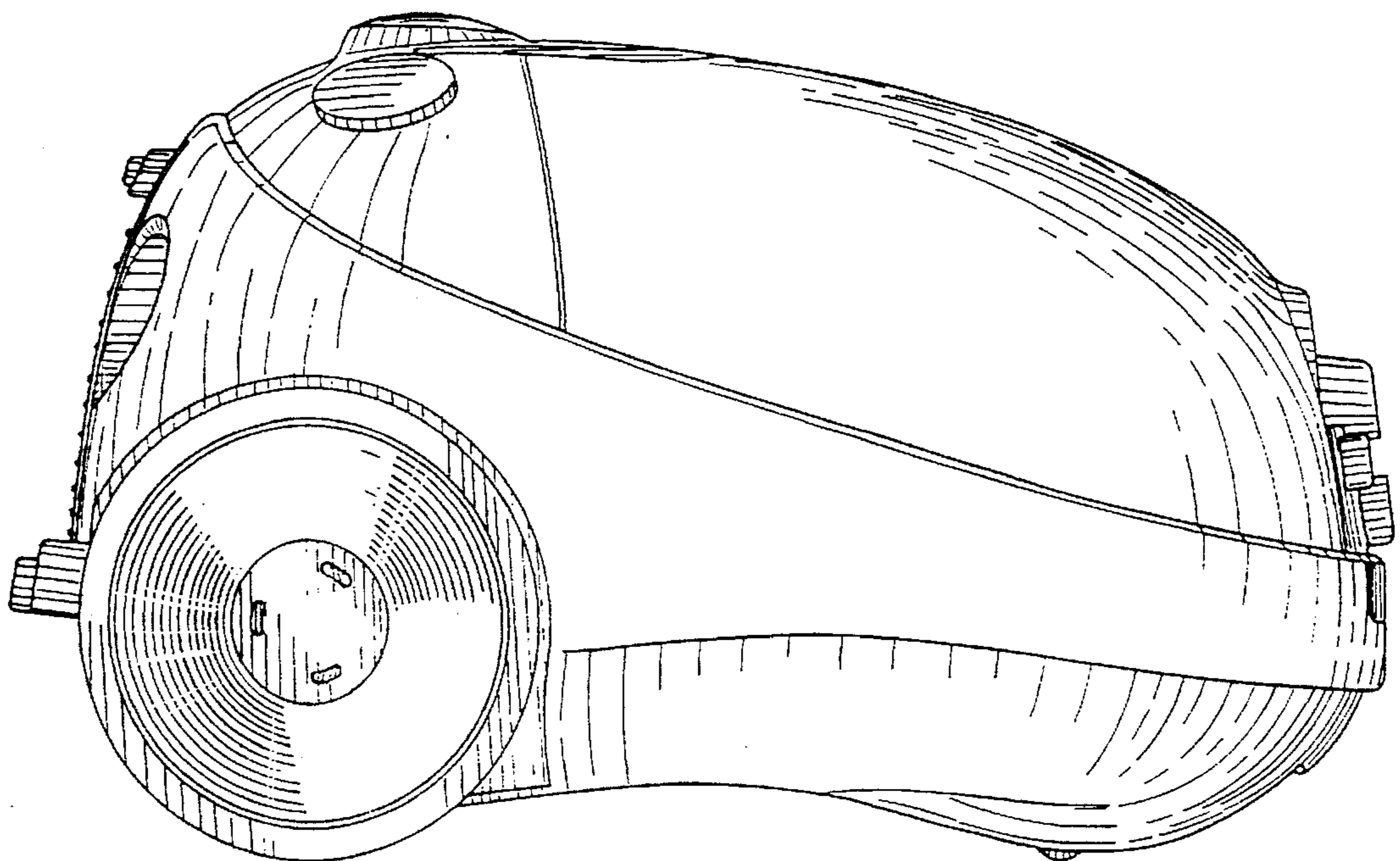


FIG. 5

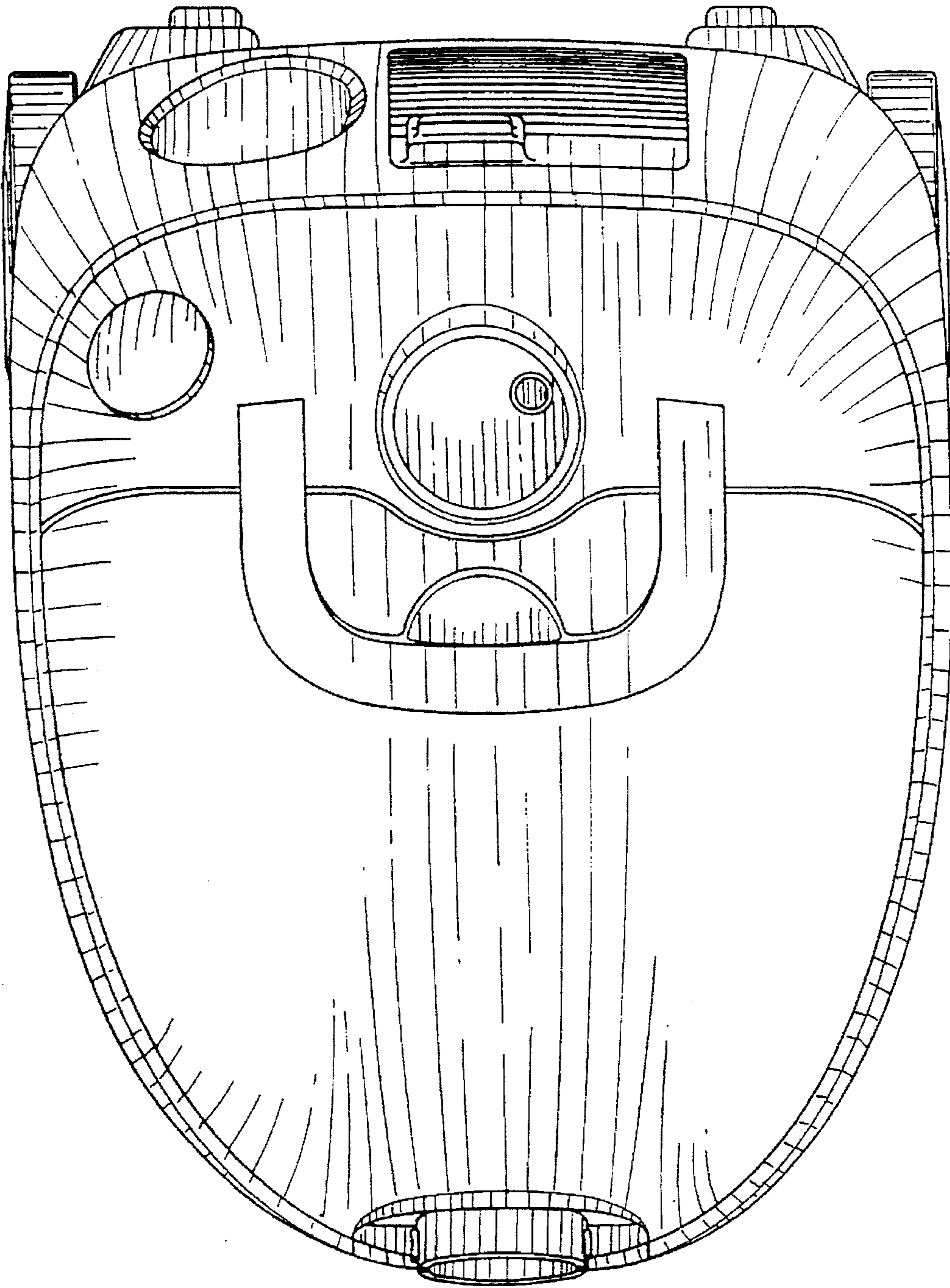


FIG.6

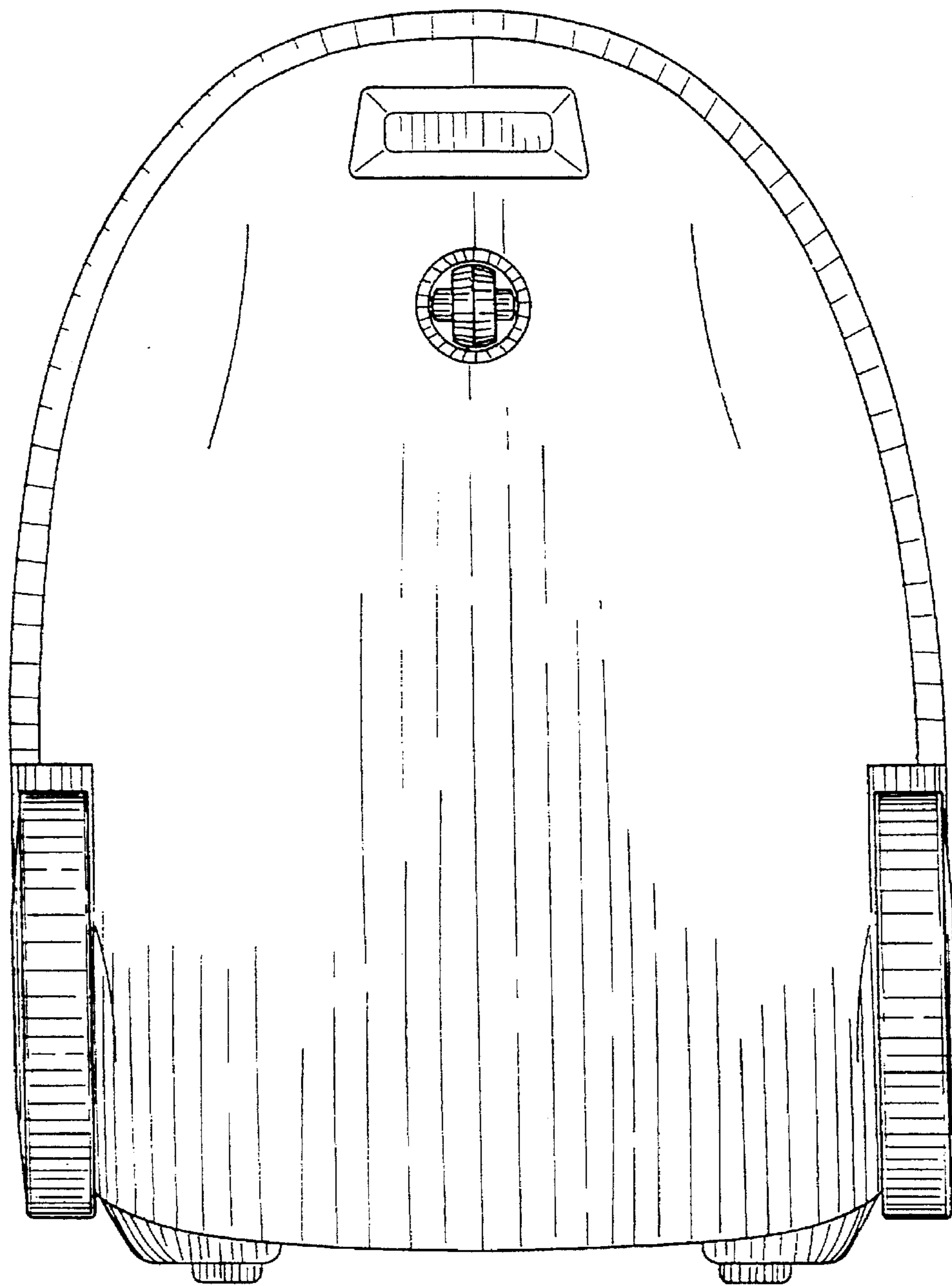


FIG. 7