



US00D371650S

United States Patent [19]
Dingelstad

[11] **Patent Number: Des. 371,650**
[45] **Date of Patent: **Jul. 9, 1996**

[54] **VACUUM CLEANER**
[75] Inventor: **Saskia H. P. M. Dingelstad**,
Groningen, Netherlands
[73] Assignee: **U.S. Philips Corporation**, New York,
N.Y.
[**] Term: **14 Years**
[21] Appl. No.: **33,308**
[22] Filed: **Jan. 10, 1995**
[30] **Foreign Application Priority Data**
Aug. 15, 1994 [WO] WIPO DMA/002605
[52] **U.S. Cl.** **D32/18**
[58] **Field of Search** D32/17-18; 15/329,
15/344, 347, 349

D. 353,916 12/1994 Ho D32/18
D. 355,058 1/1995 Phelan D32/18

OTHER PUBLICATIONS

Hong Kong Enterprise, Jan. 1985, p. 161, "Rechargeable vacuum cleaner".
Hong Kong Enterprise, vol. 4, 1982, p. 234 "Vacuum cleaner item 7928".

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

[57] **CLAIM**

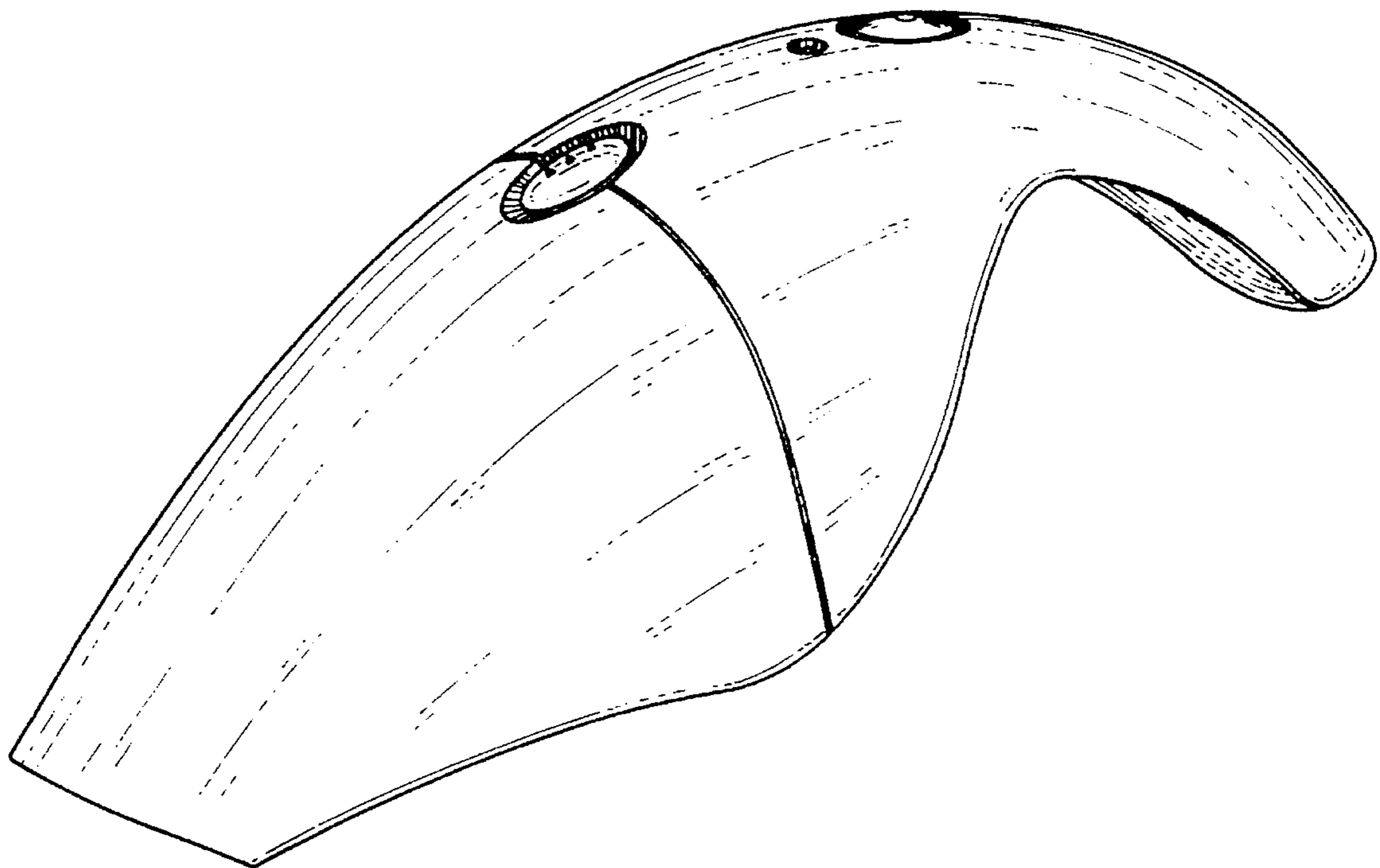
The ornamental design for a vacuum cleaner, as shown.

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, 4 Drawing Sheets

[56] **References Cited**
U.S. PATENT DOCUMENTS
D. 257,661 12/1980 Gantz D32/18
D. 287,657 1/1987 Yuen D32/18
D. 303,025 8/1989 Yamamoto et al. D32/18
D. 312,516 11/1990 Yuen D32/18



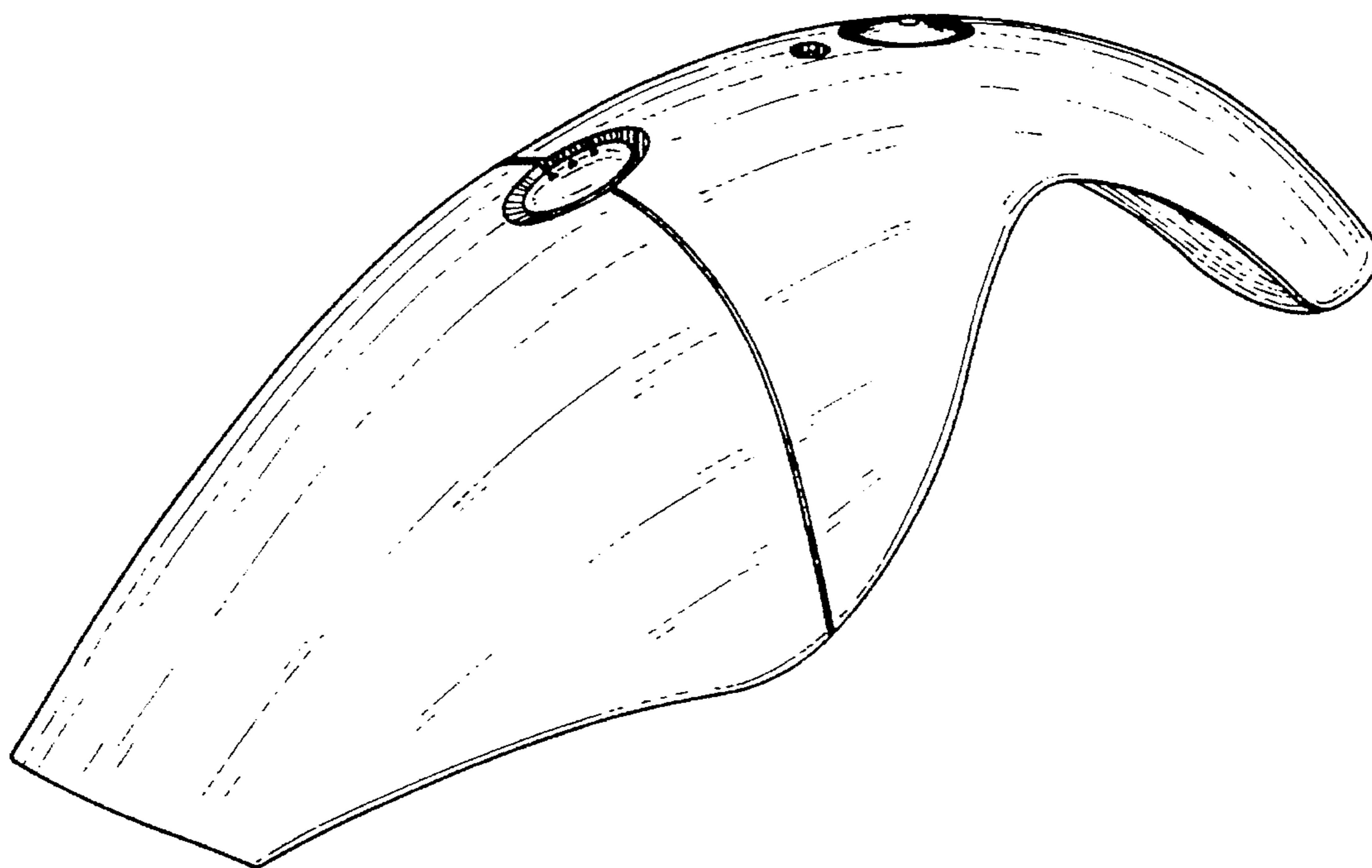


FIG. 1

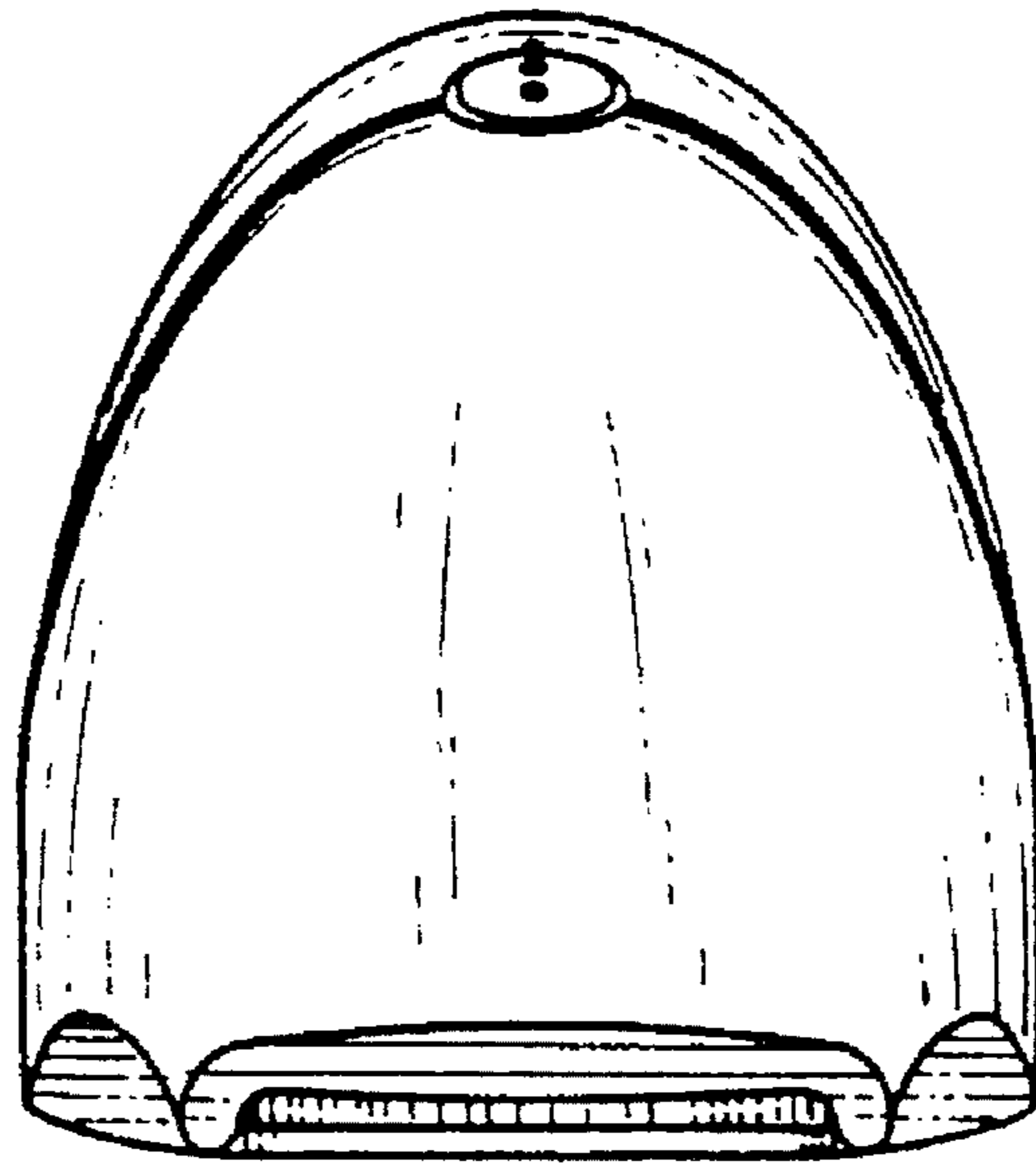


FIG. 2

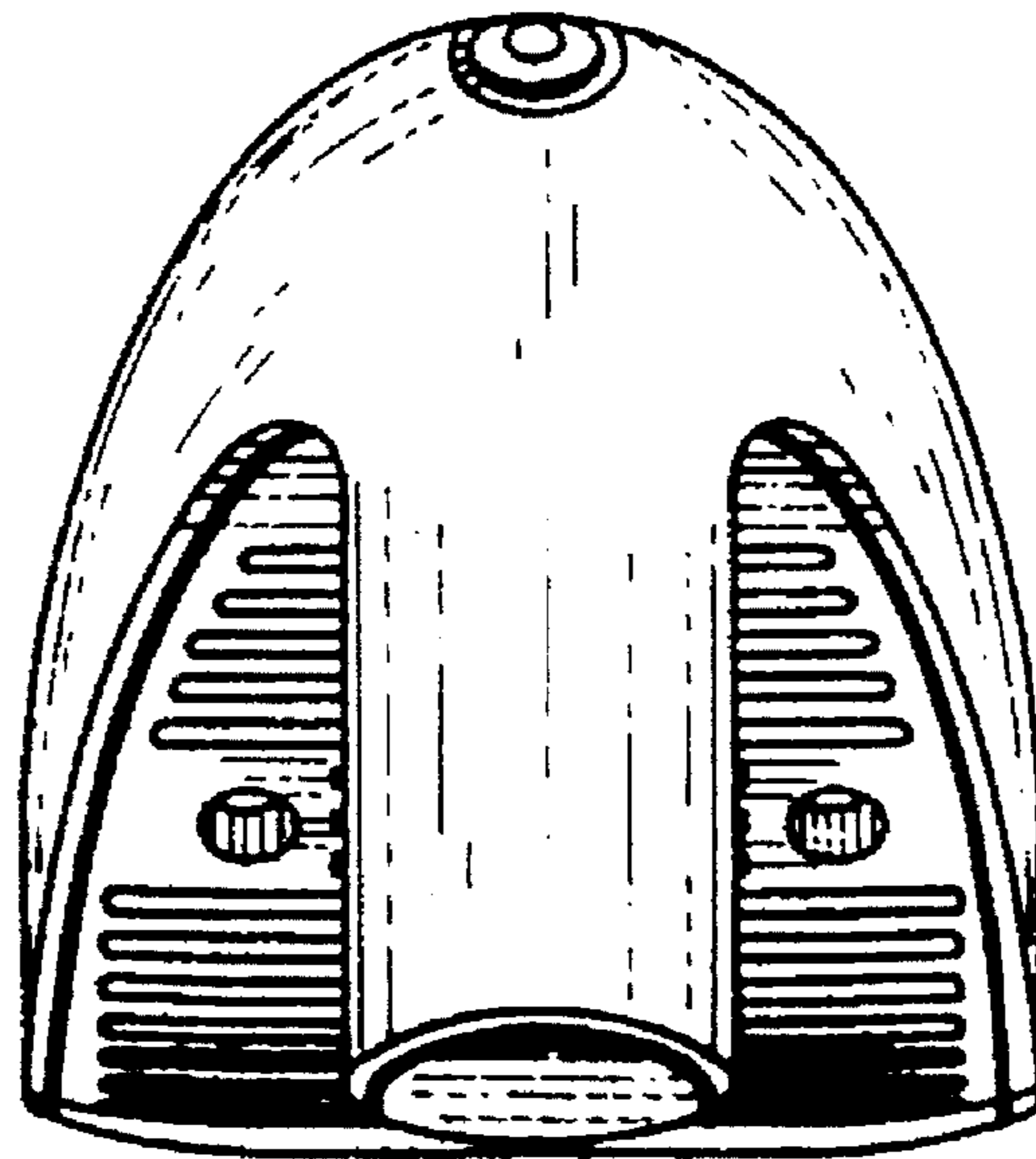


FIG. 3

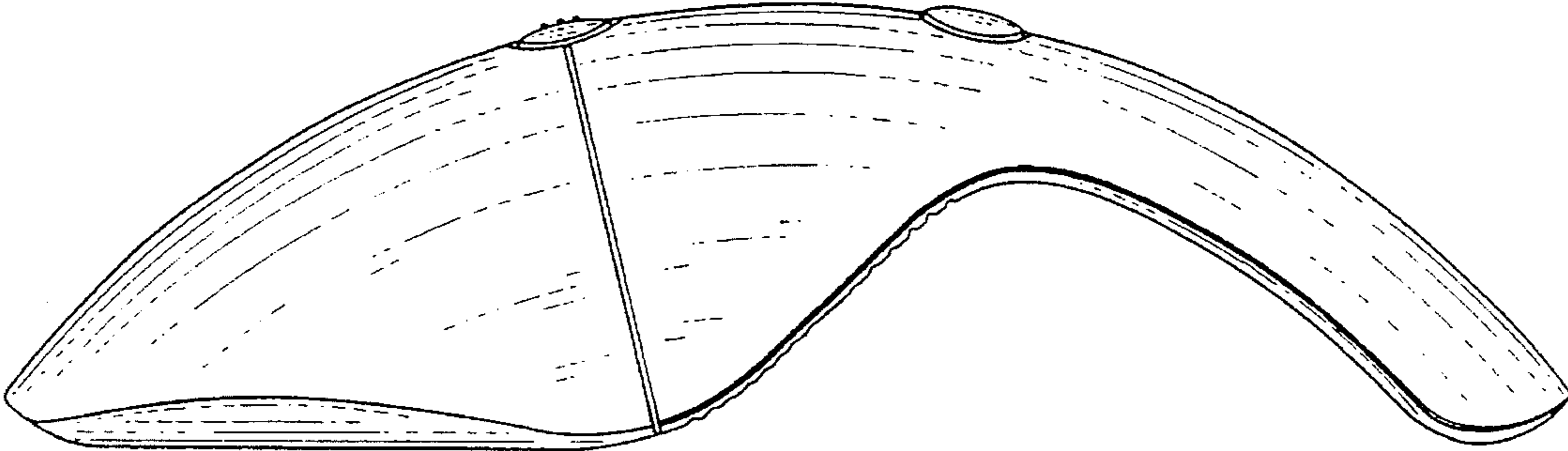


FIG. 4

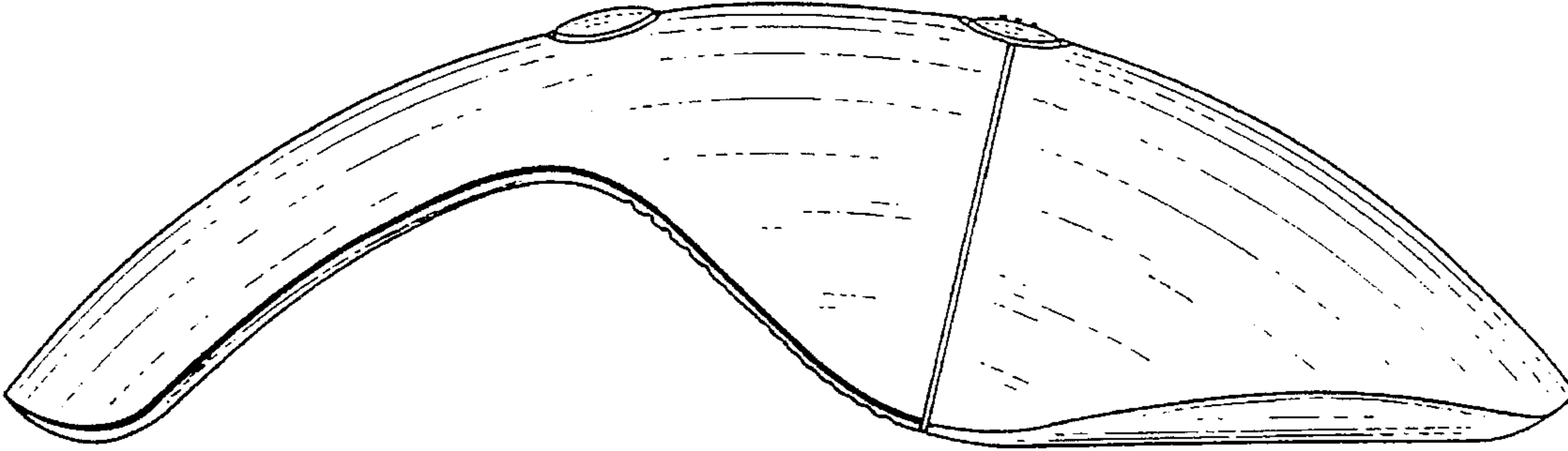


FIG. 5

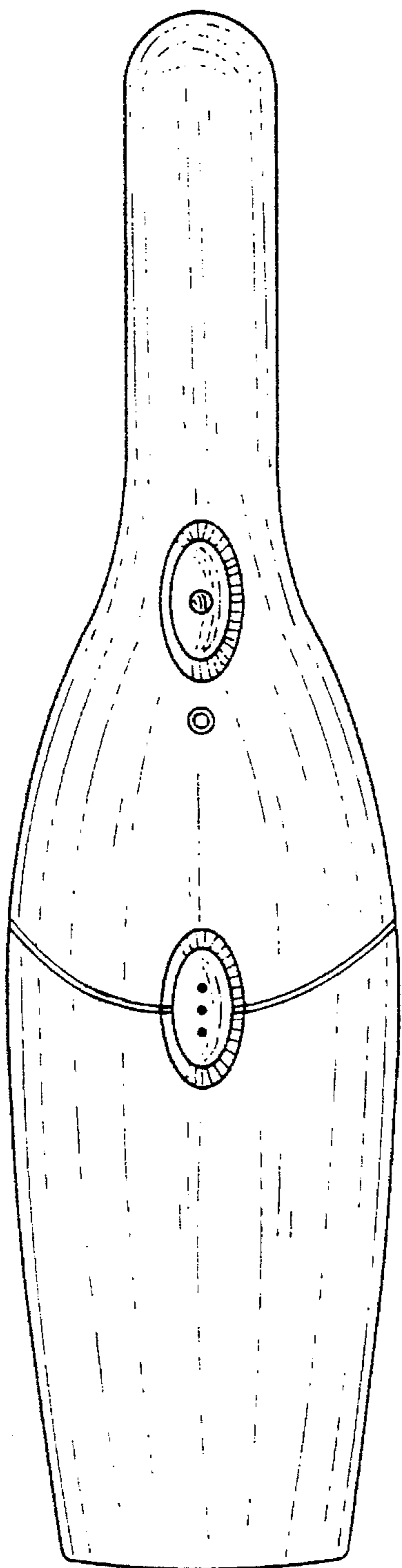


FIG. 6

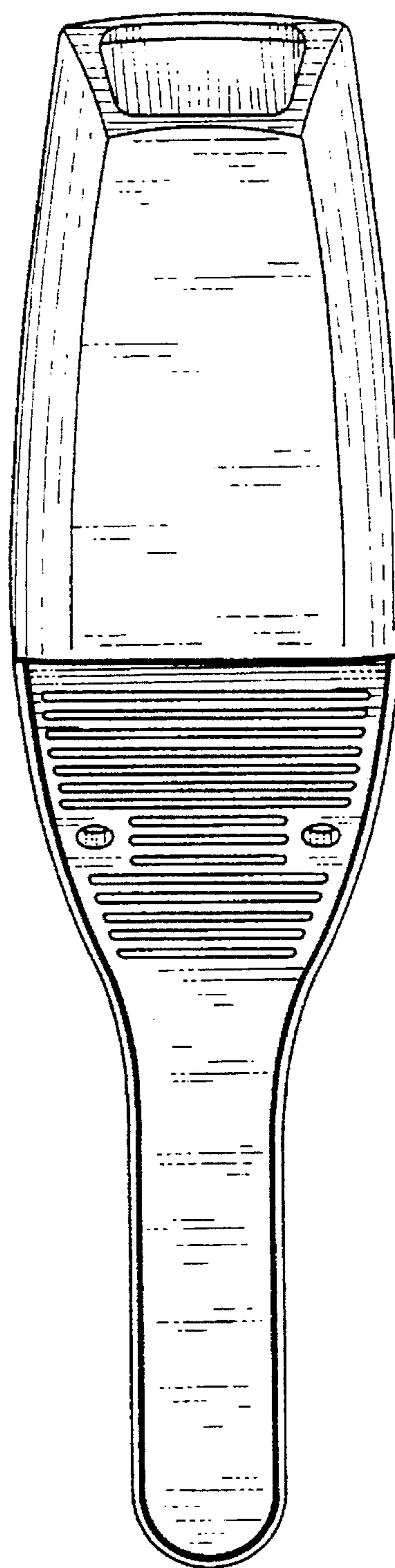


FIG. 7