



US00D426037S

United States Patent [19]

Roberts et al.

[11] Patent Number: **Des. 426,037**

[45] Date of Patent: **** May 30, 2000**

[54] **PORTABLE VACUUM CLEANER**

[75] Inventors: **Kenneth L. Roberts**, Rockford;
Douglas J. Medema, Belding, both of Mich.

[73] Assignee: **Bissell Homecare, Inc.**, Grand Rapids, Mich.

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

[21] Appl. No.: **29/079,620**

[22] Filed: **Dec. 8, 1997**

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

[52] **U.S. Cl.** **D32/18**

[58] **Field of Search** D32/17-18, 21, D32/31; 15/320-321, 329, 344, 347, 353

[56] **References Cited**

U.S. PATENT DOCUMENTS

- D. 277,706 2/1985 Wareham .
- D. 283,064 3/1986 Thomas et al. .
- D. 292,832 11/1987 Yamamoto et al. .
- D. 301,646 6/1989 Yamamoto et al. .
- D. 302,757 8/1989 Uemura .
- D. 306,505 3/1990 Bradd .
- D. 313,831 1/1991 Gildersleeve D32/18
- D. 315,816 3/1991 Ferrari et al. .

- D. 356,191 3/1995 Phelan .
- D. 370,319 5/1996 Bass et al. D32/18
- D. 371,649 7/1996 Neshat et al. D32/18
- D. 379,691 6/1997 Moine D32/18
- D. 388,562 12/1997 Doria D32/17
- 4,924,548 5/1990 Touya et al. .

OTHER PUBLICATIONS

Troy, Terry : "CIT Study: Vac Sales To Stay Strong Through Decade", *Home World* p. 4, Mar. 4-17, 1996.

Primary Examiner—Ruth McInroy
Attorney, Agent, or Firm—Rader, Fishman, Grauer & McGarry

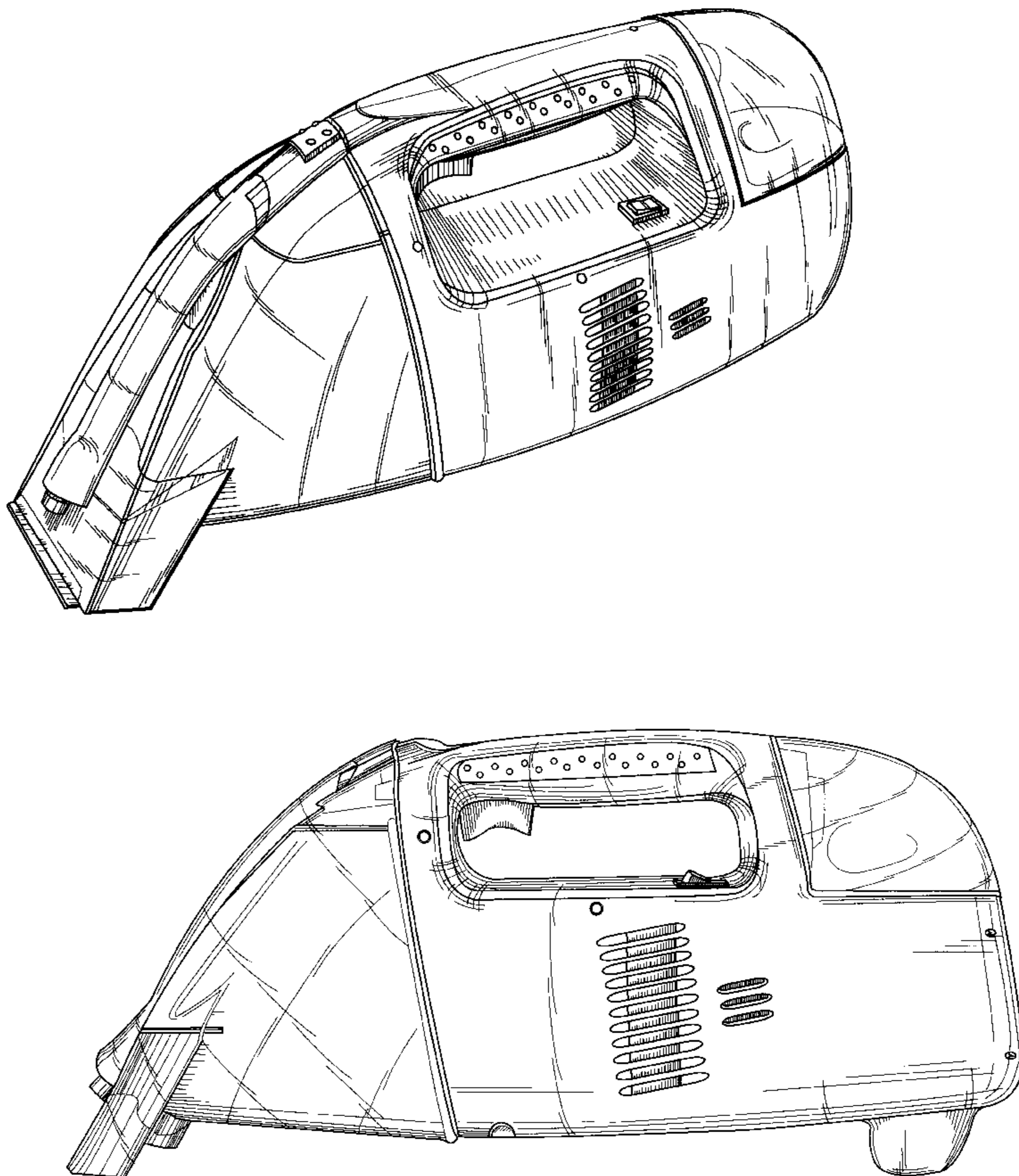
[57] **CLAIM**

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

DESCRIPTION

FIG. 1 is a front perspective view of a portable vacuum cleaner showing our new design; FIG. 2 is a top plan view thereof; FIG. 3 is a bottom plan view thereof; FIG. 4 is a front elevational view thereof; FIG. 5 is a rear elevational view thereof; and, FIG. 6 is a right side elevational view thereof, the left side elevational view being a mirror image thereof.

1 Claim, 4 Drawing Sheets



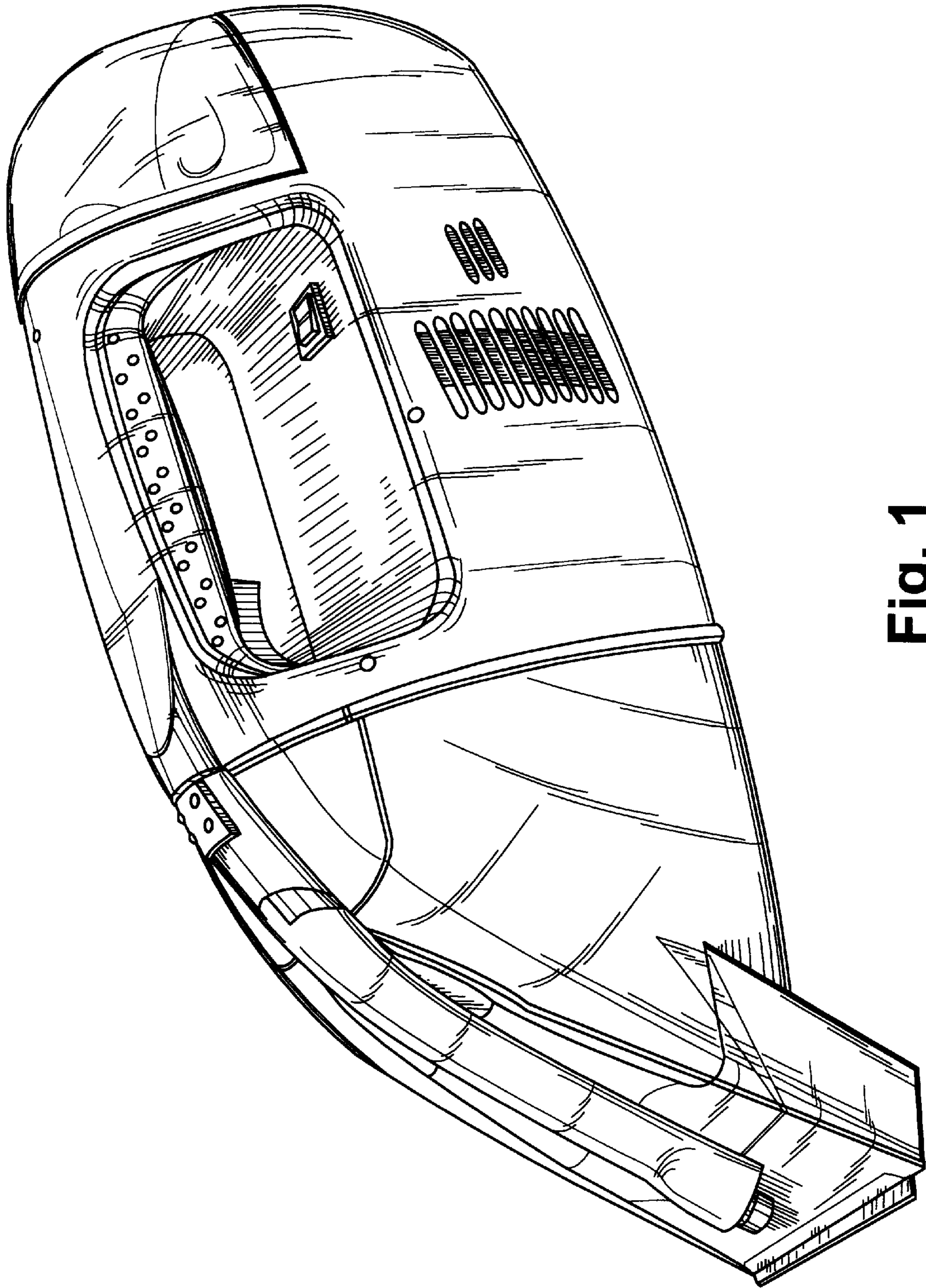


Fig. 1

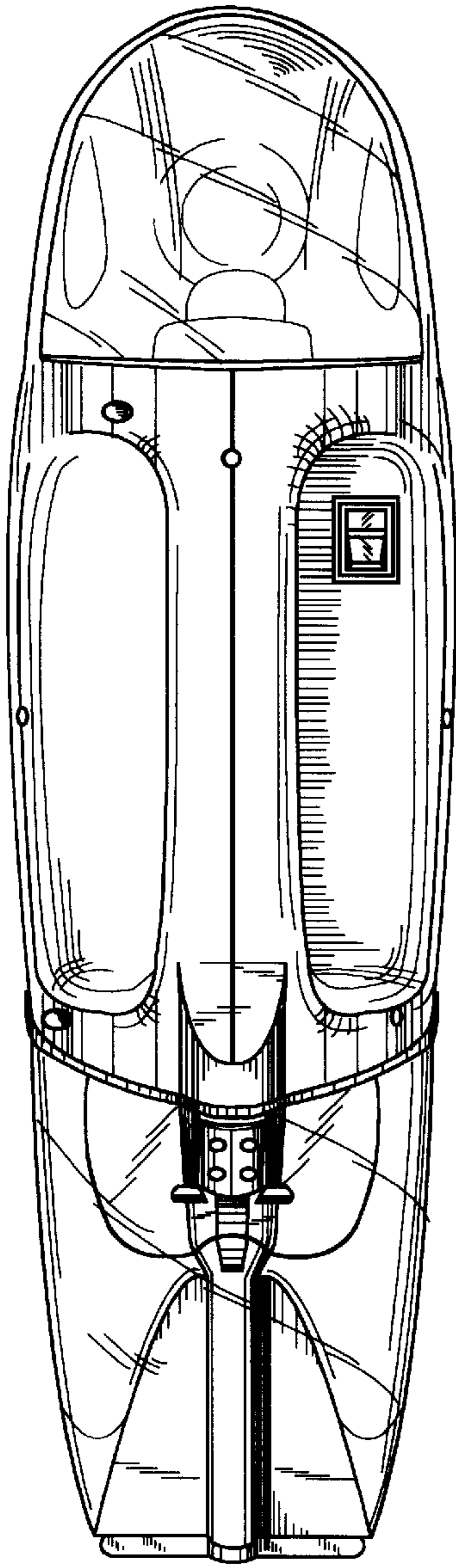


Fig. 2

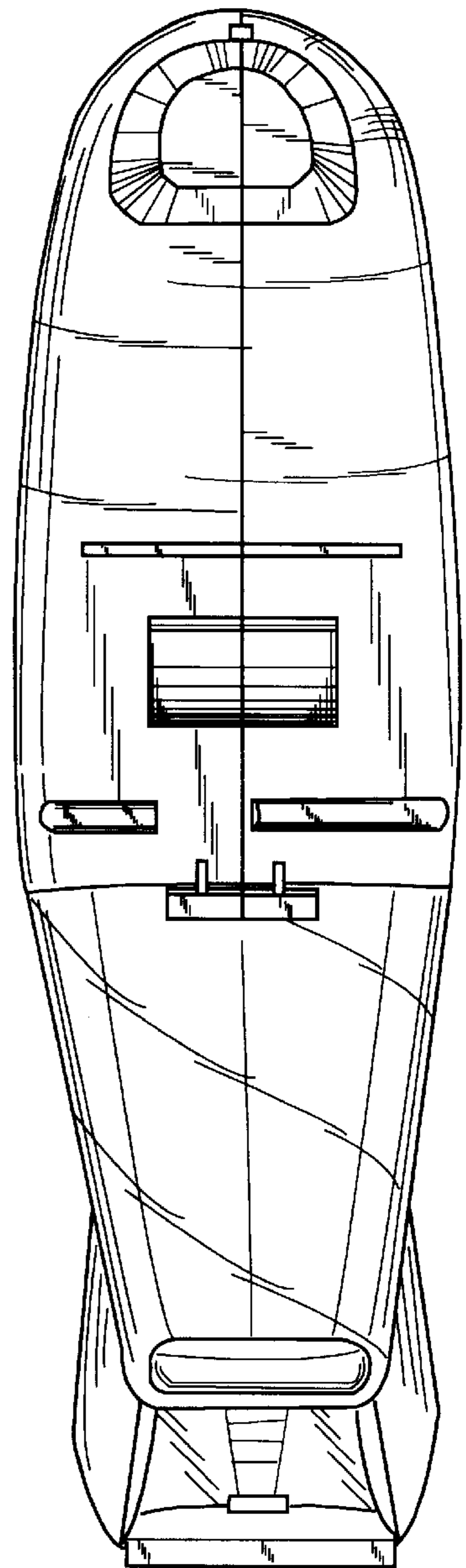


Fig. 3

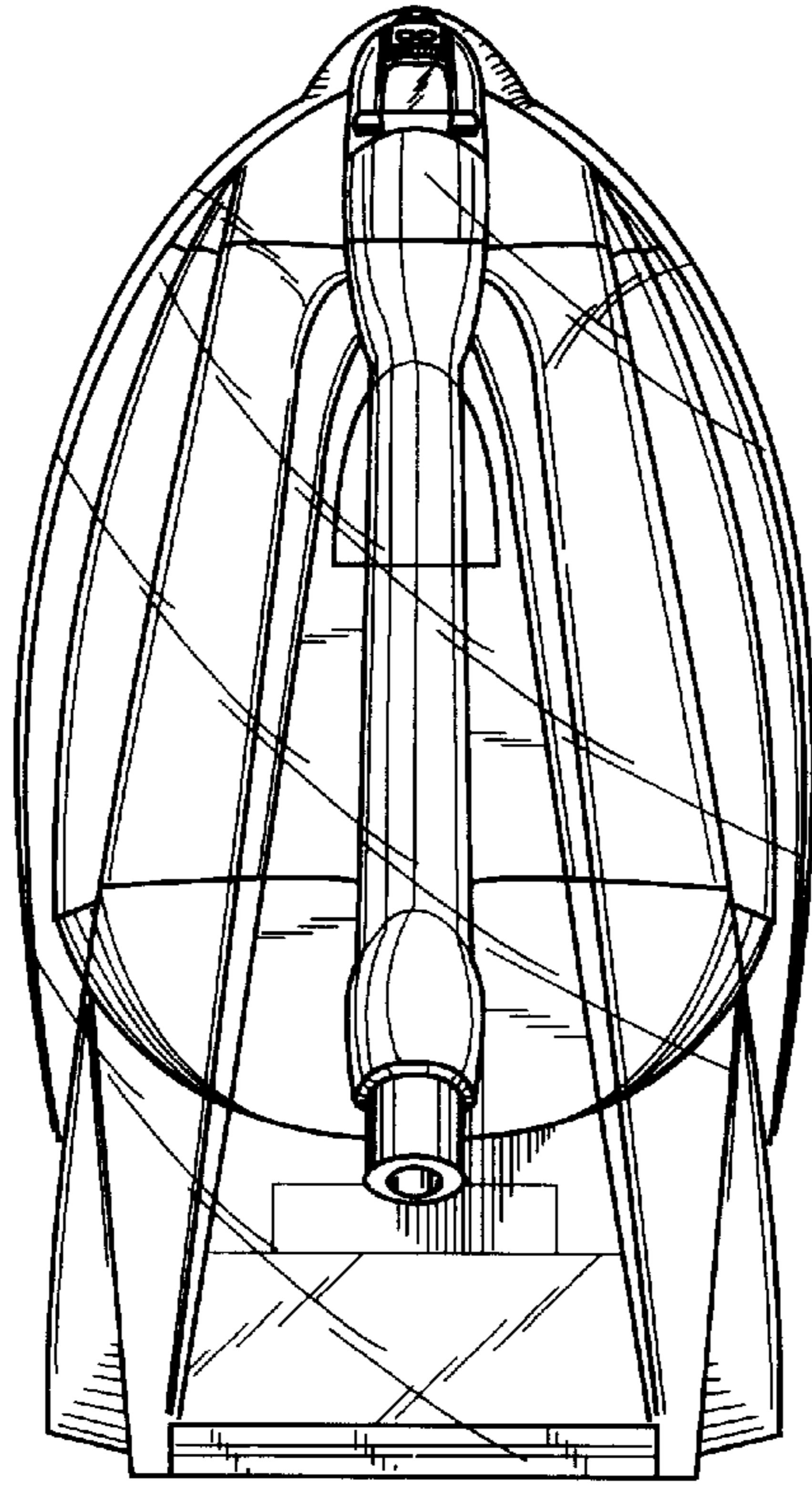


Fig. 4

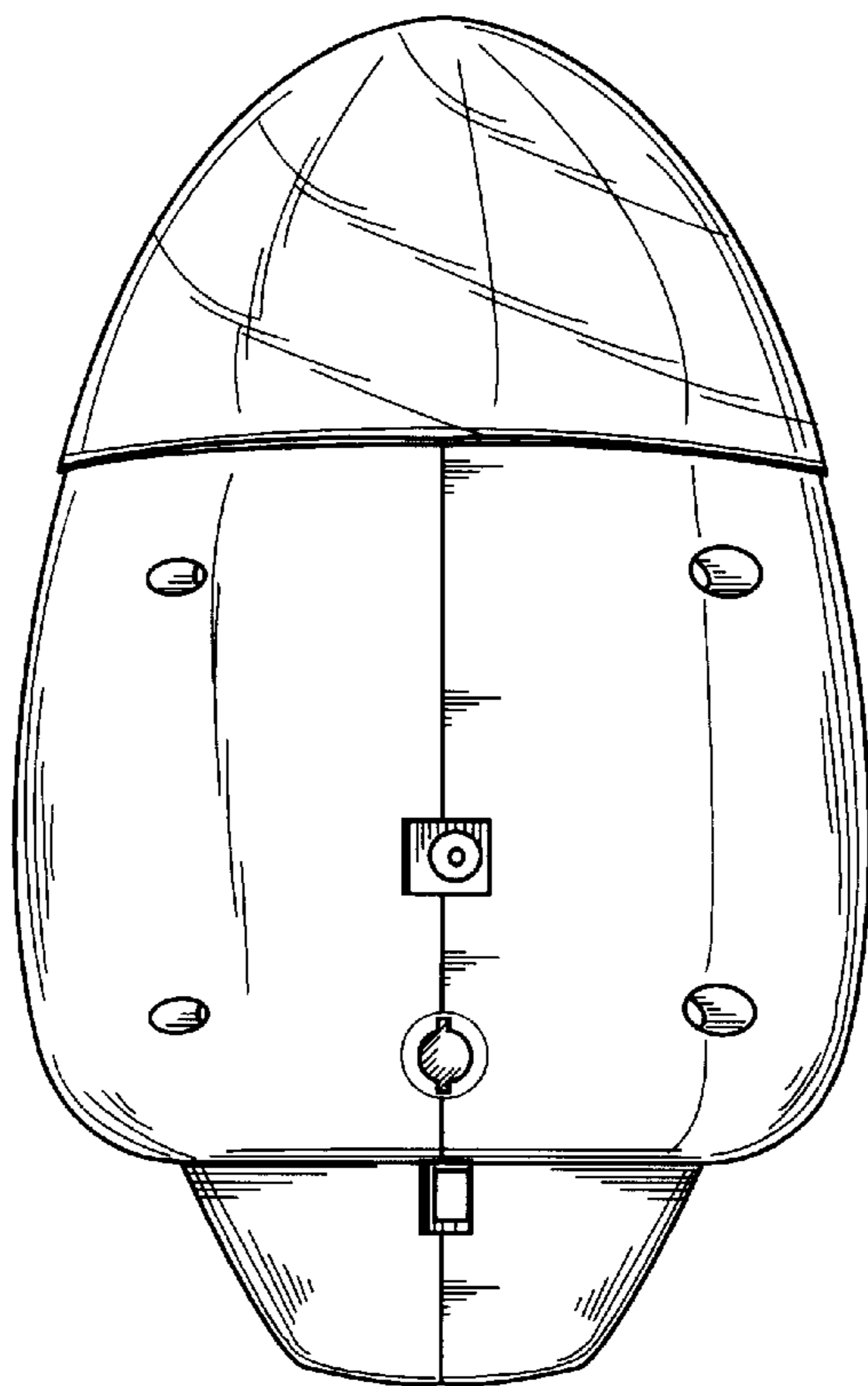


Fig. 5

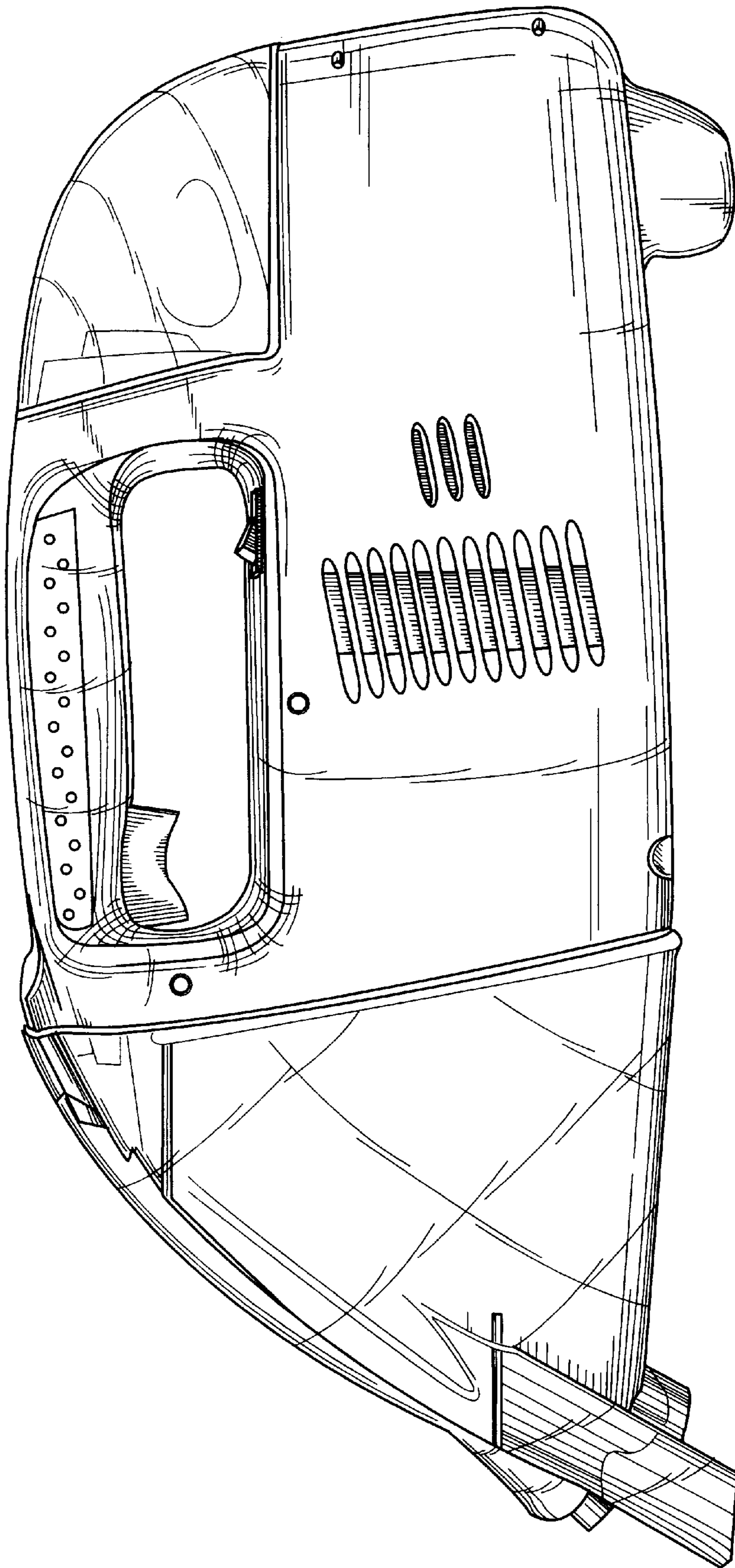


Fig. 6