

[54] **HAND-HELD VACUUM CLEANER**

[75] Inventor: **Toyomi Arita, Hyogo, Japan**

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

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

[21] Appl. No.: **532,197**

[22] Filed: **Sep. 14, 1983**

[30] **Foreign Application Priority Data**

Mar. 15, 1983 [JP] Japan 58-10723

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

[58] Field of Search D32/18; 15/320-327 R,
15/327 D, 327 E, 344

[56] **References Cited**

U.S. PATENT DOCUMENTS

D. 257,661 12/1980 Gantz D32/18

D. 274,381 6/1984 Chiu D32/18
3,513,500 5/1970 Hori .

Primary Examiner—Wallace R. Burke
Assistant Examiner—Lynn Wilder
Attorney, Agent, or Firm—Darby & Darby

[57] **CLAIM**

The ornamental design for a hand-held 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 rear elevational view thereof;
FIG. 4 is a right side elevational view thereof, the left side being a mirror image;
FIG. 5 is a top plan view thereof; and
FIG. 6 is a bottom plan view thereof.

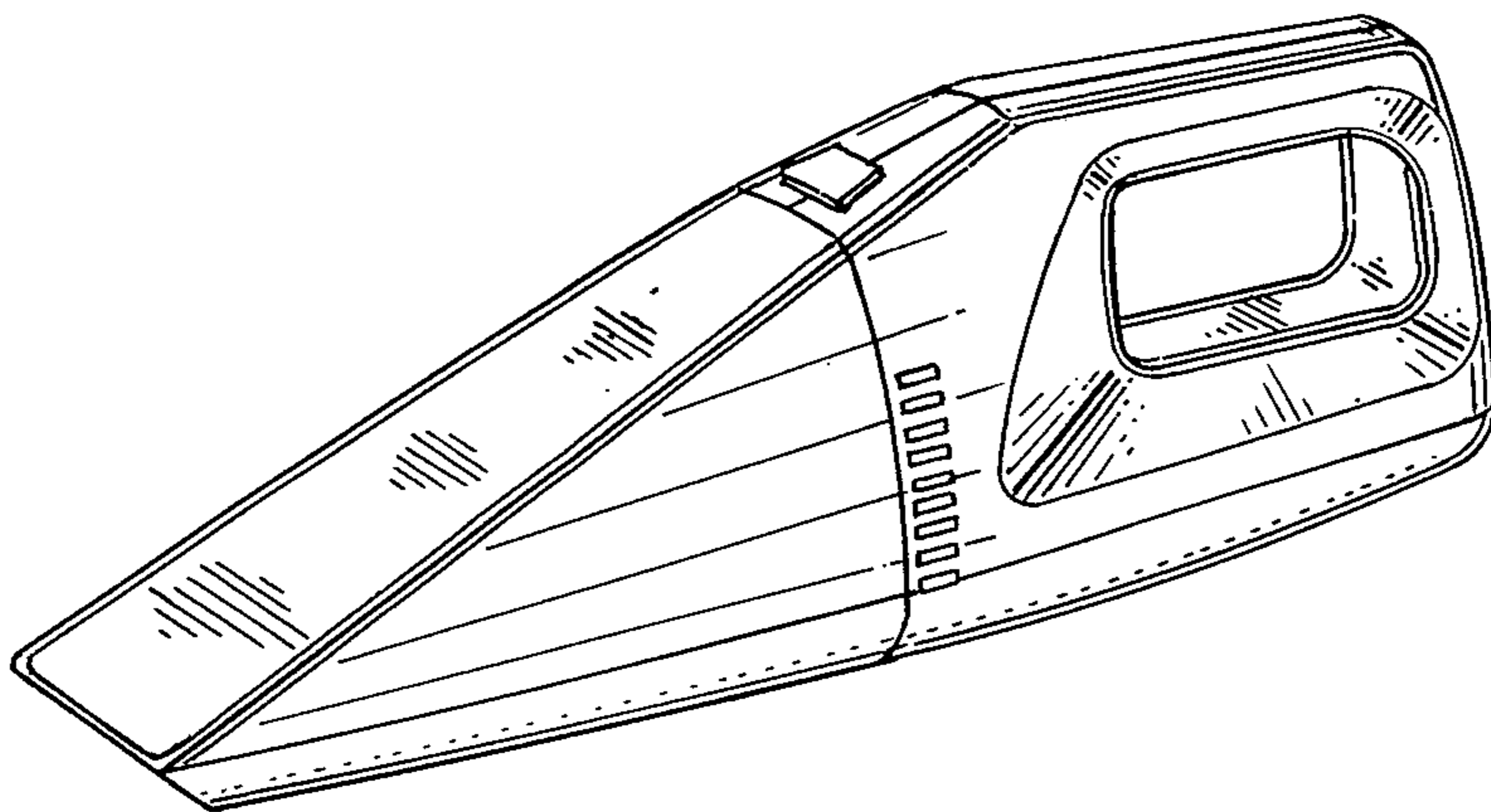


FIG. 1

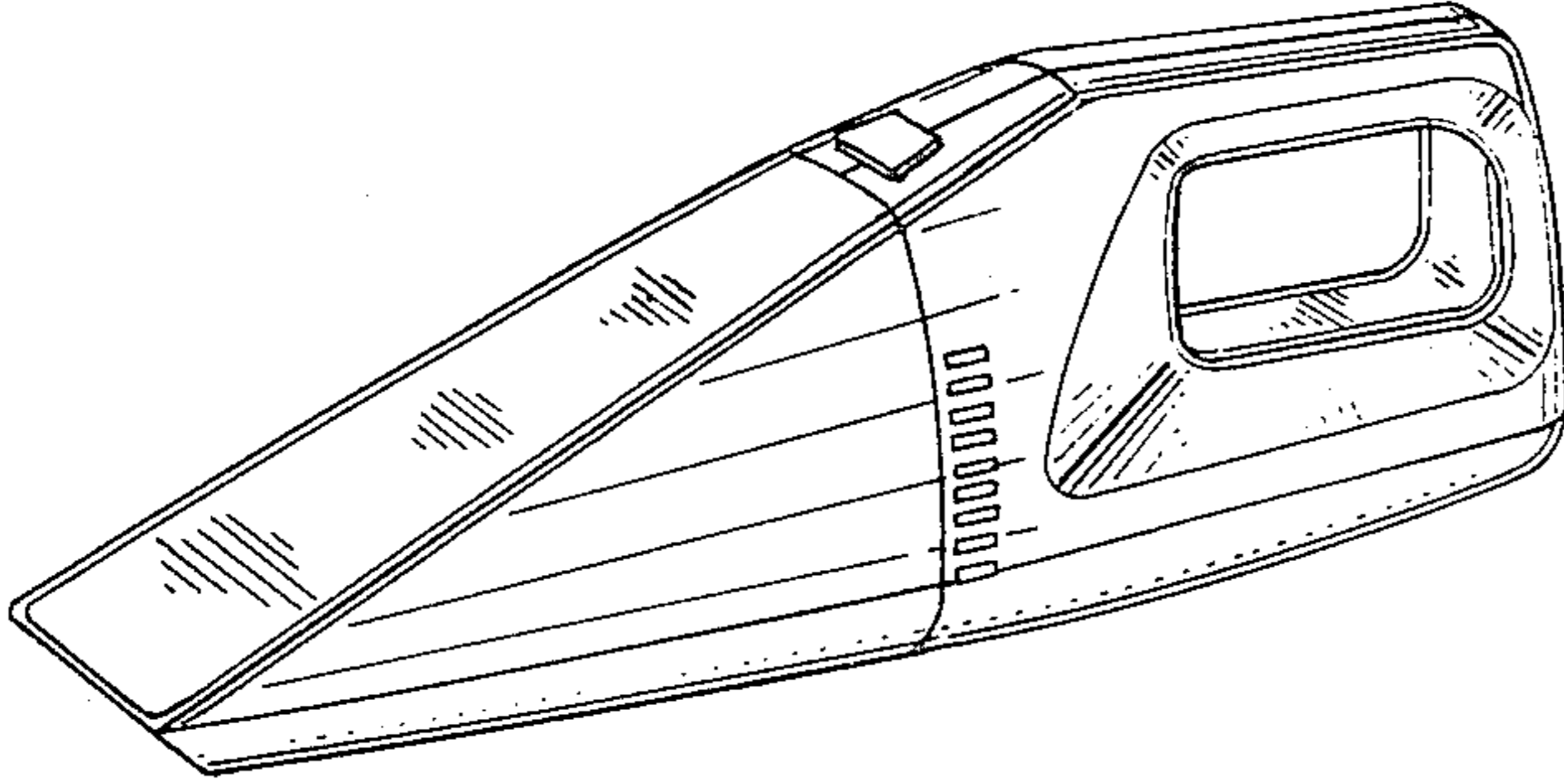


FIG. 2

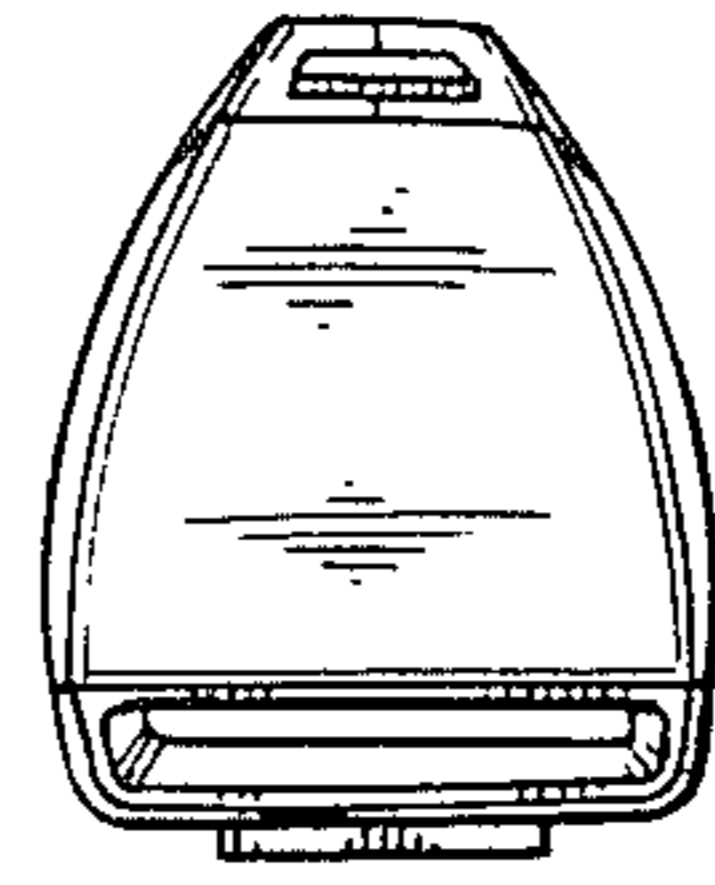


FIG. 3

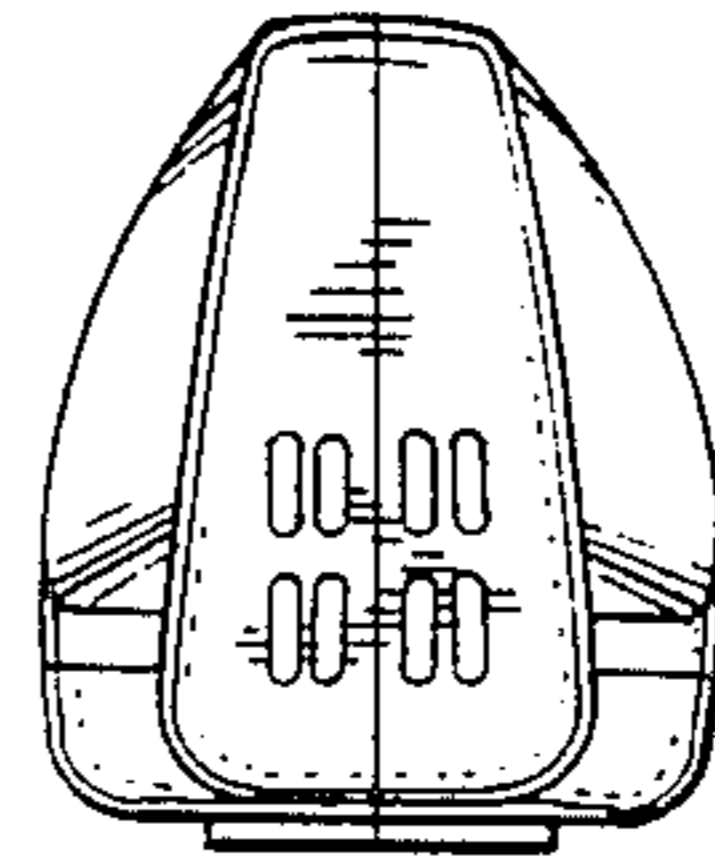


FIG. 4

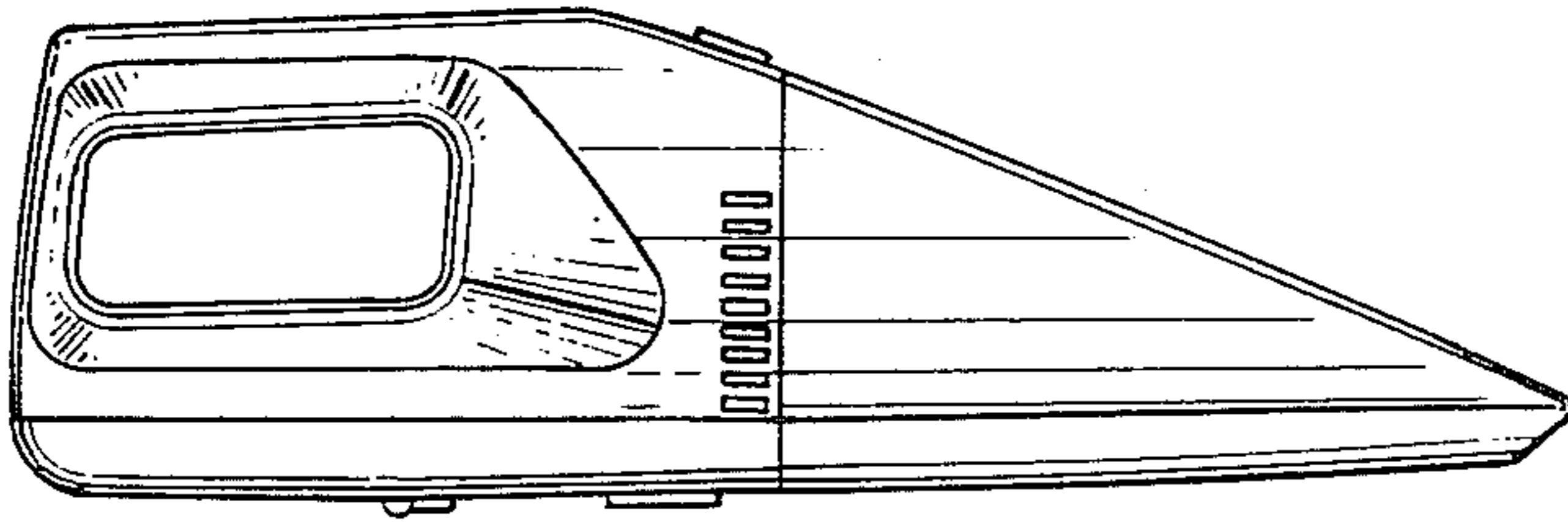


FIG. 5

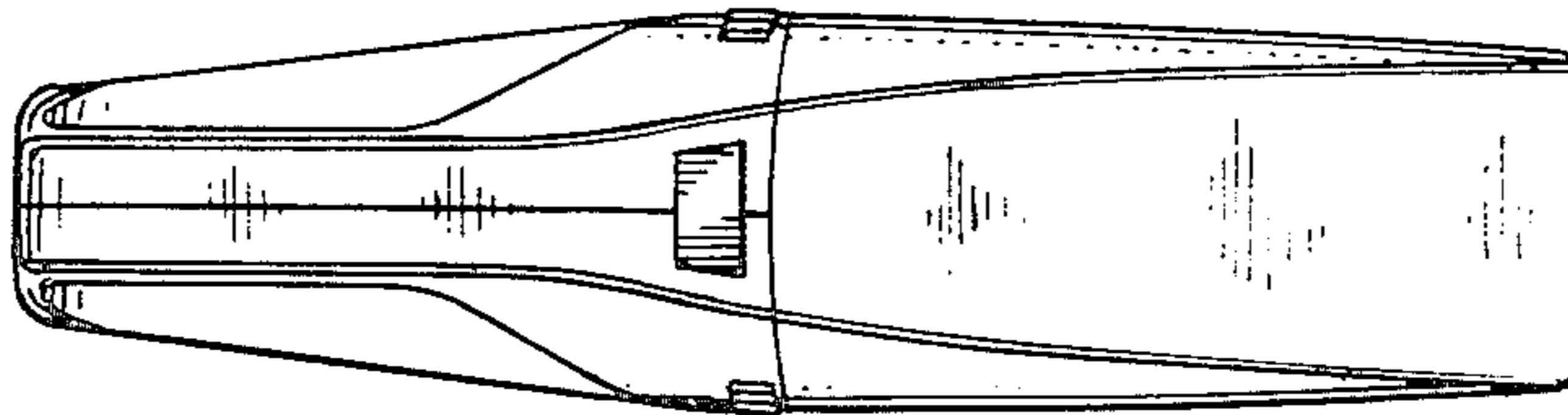


FIG. 6

