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(12) **United States Design Patent**
Harada

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(54) **VACUUM CLEANER**

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(75) Inventor: **Osamu Harada**, Osaka (JP)

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(73) Assignee: **Matsushita Electric Industrial Co., Ltd.**, Osaka (JP)

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CN 98313265.8 2/1999

(**) Term: **14 Years**

* cited by examiner

(21) Appl. No.: **29/169,930**

Primary Examiner—Ruth McInroy

(22) Filed: **Oct. 28, 2002**

(74) *Attorney, Agent, or Firm*—Brinks Hofer Gilson & Lione

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

(52) **U.S. Cl.** **D32/21**

(58) **Field of Search** D32/21, 23–24,
D32/31; 15/327.1, 327.2, 327.3, 327.4,
327.6, 327.7, 323, 320–321, 412, 353

(57) **CLAIM**

I claim the ornamental design for a vacuum cleaner, as shown and described.

(56) **References Cited**

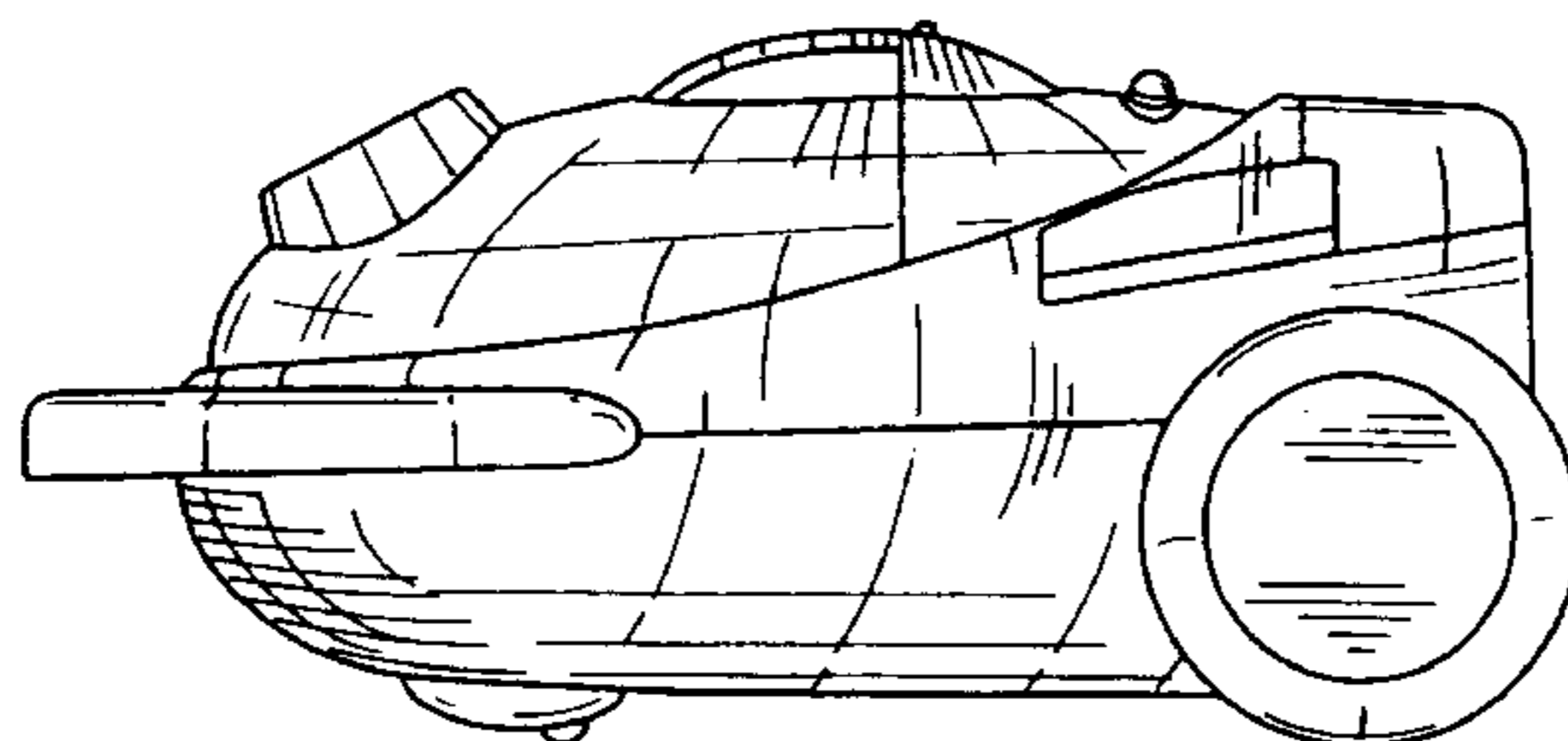
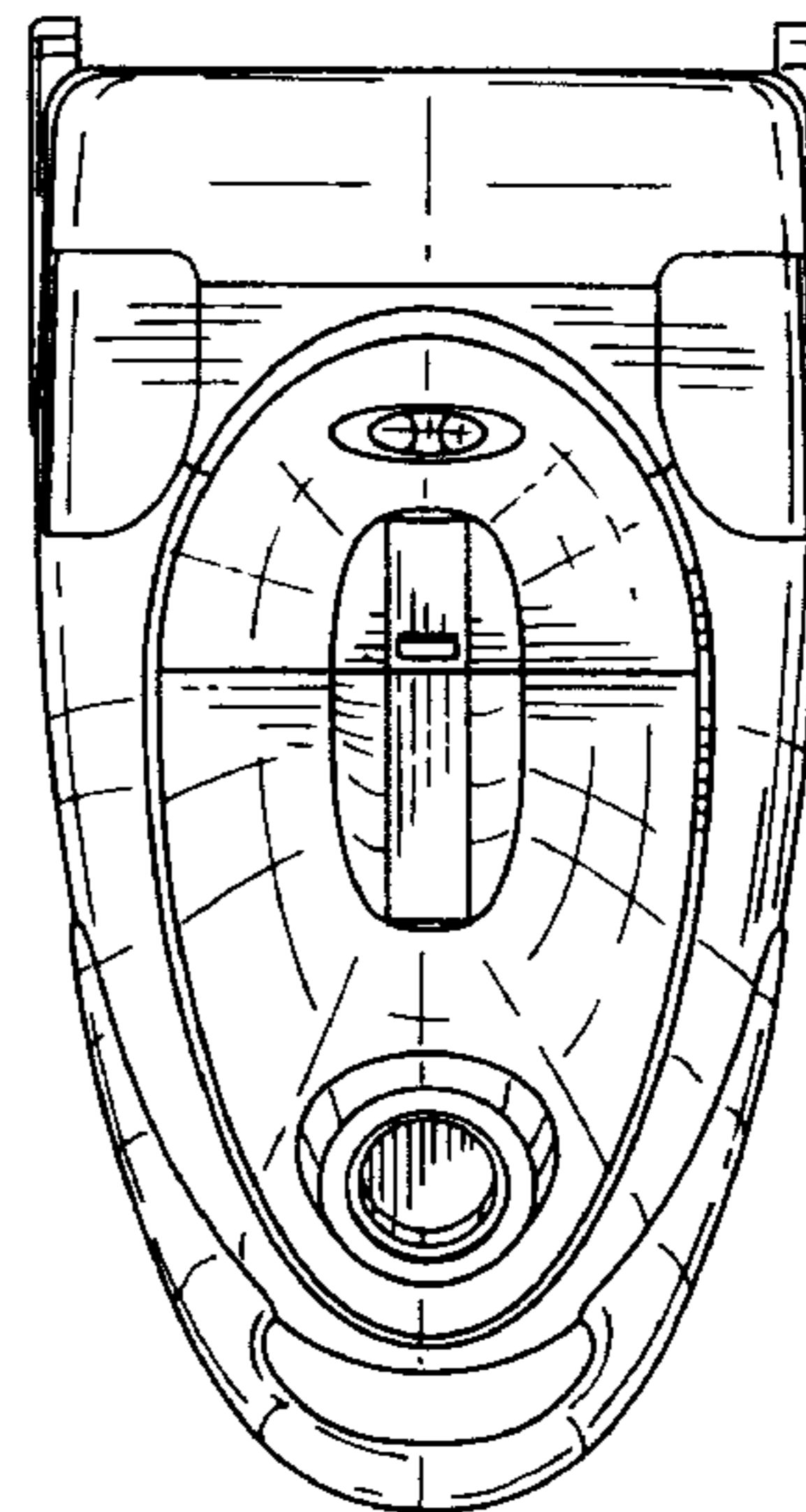
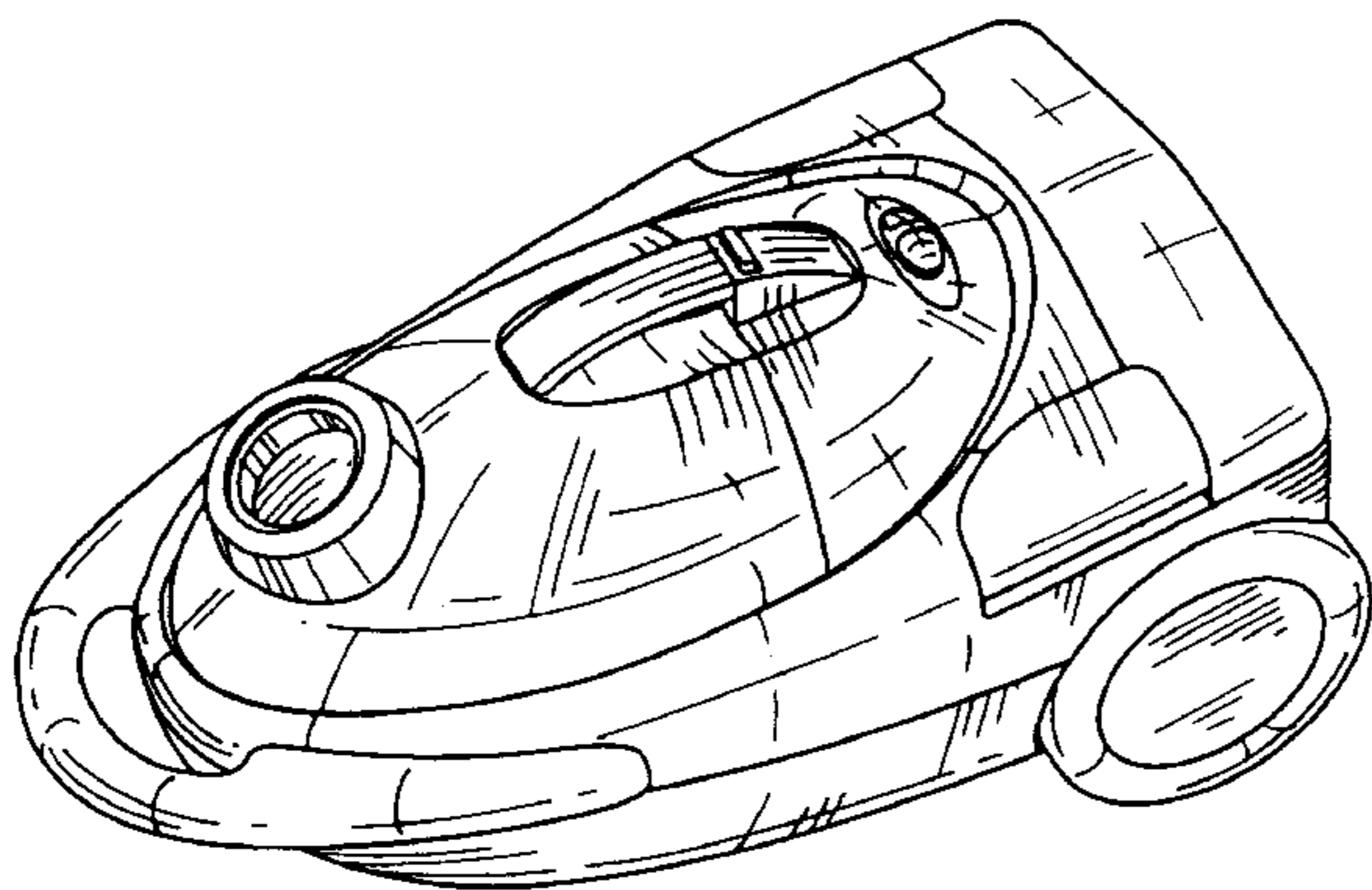
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DESCRIPTION

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

1 Claim, 7 Drawing Sheets



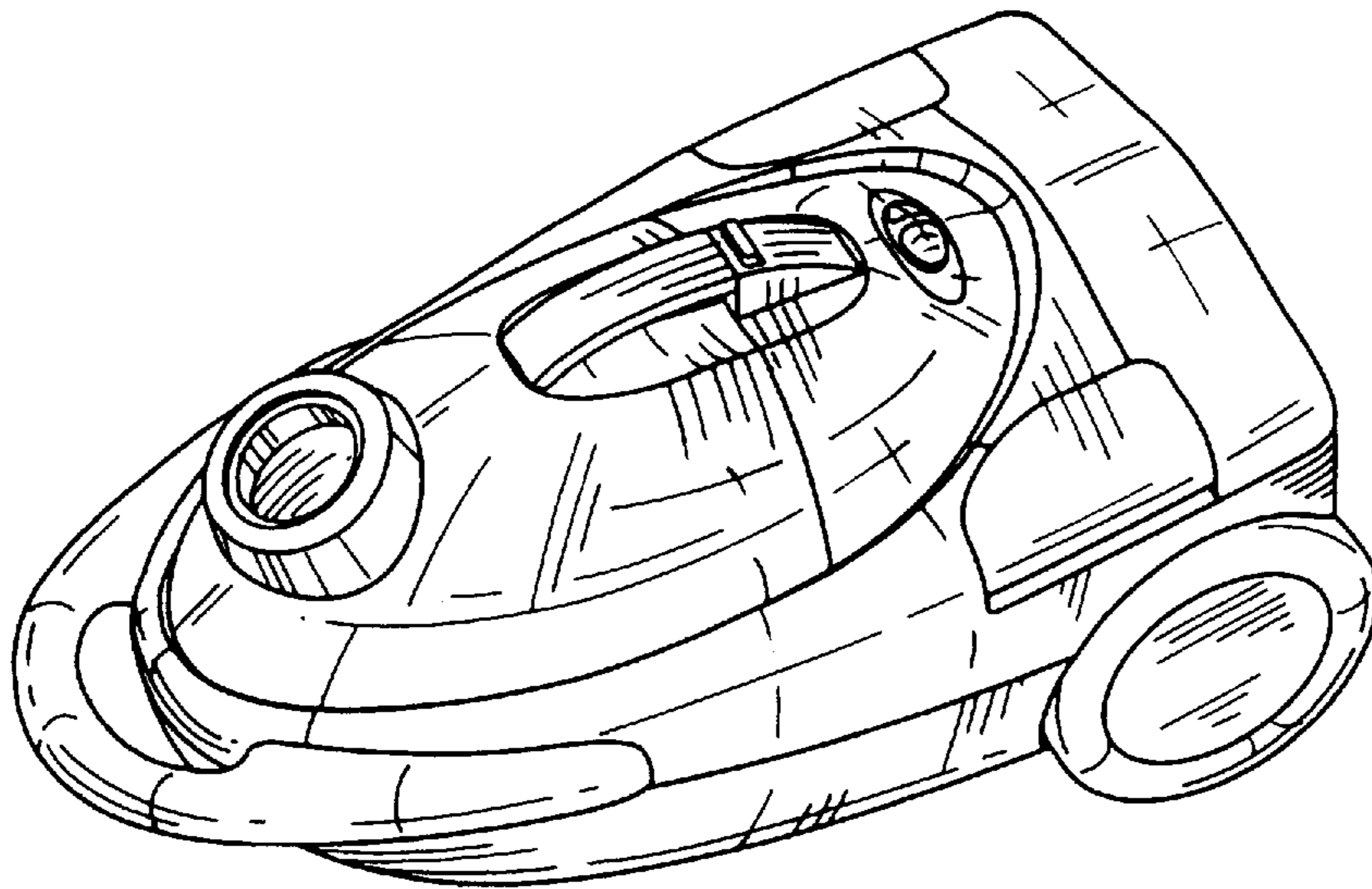


FIGURE 1

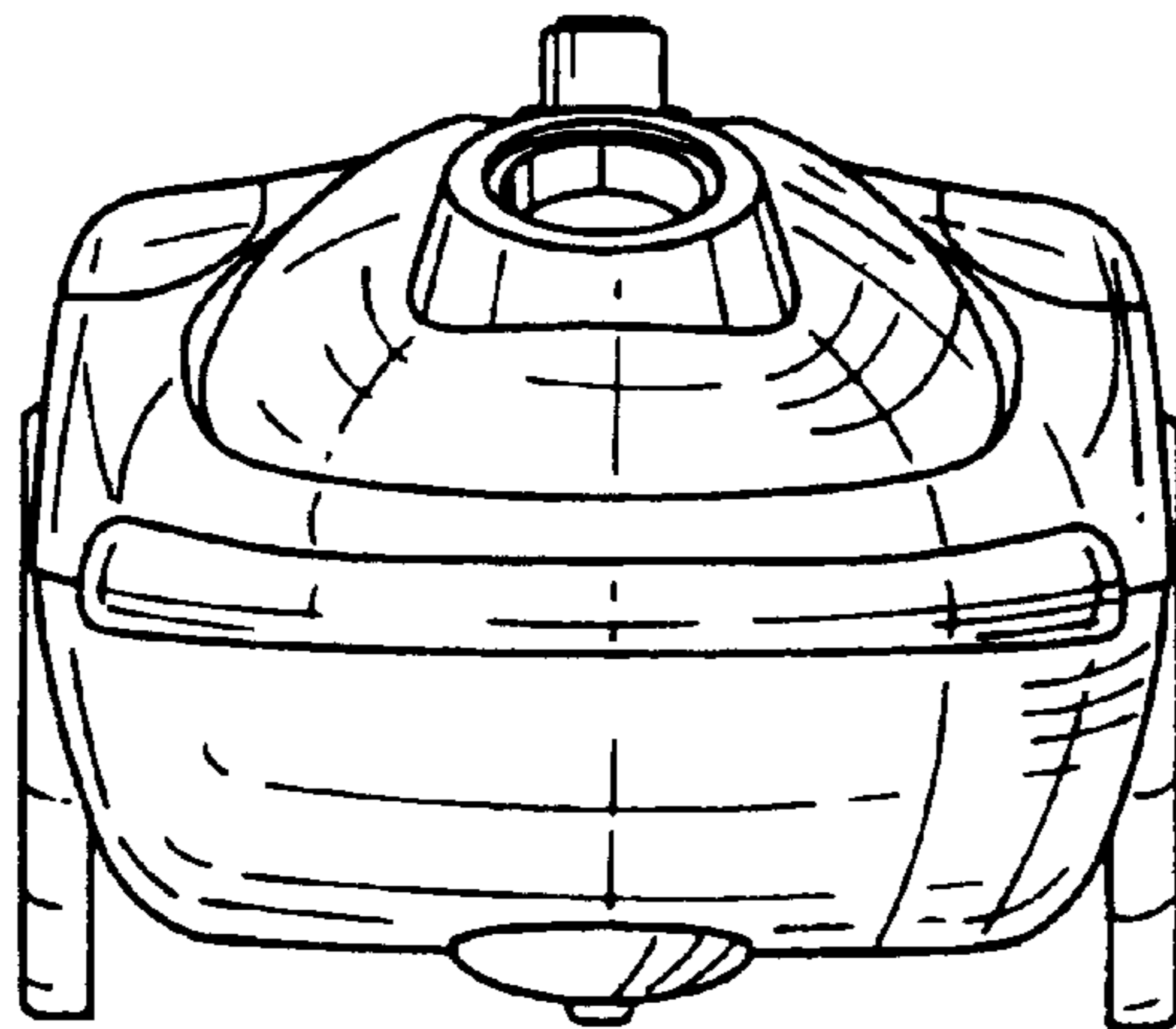


FIGURE 2

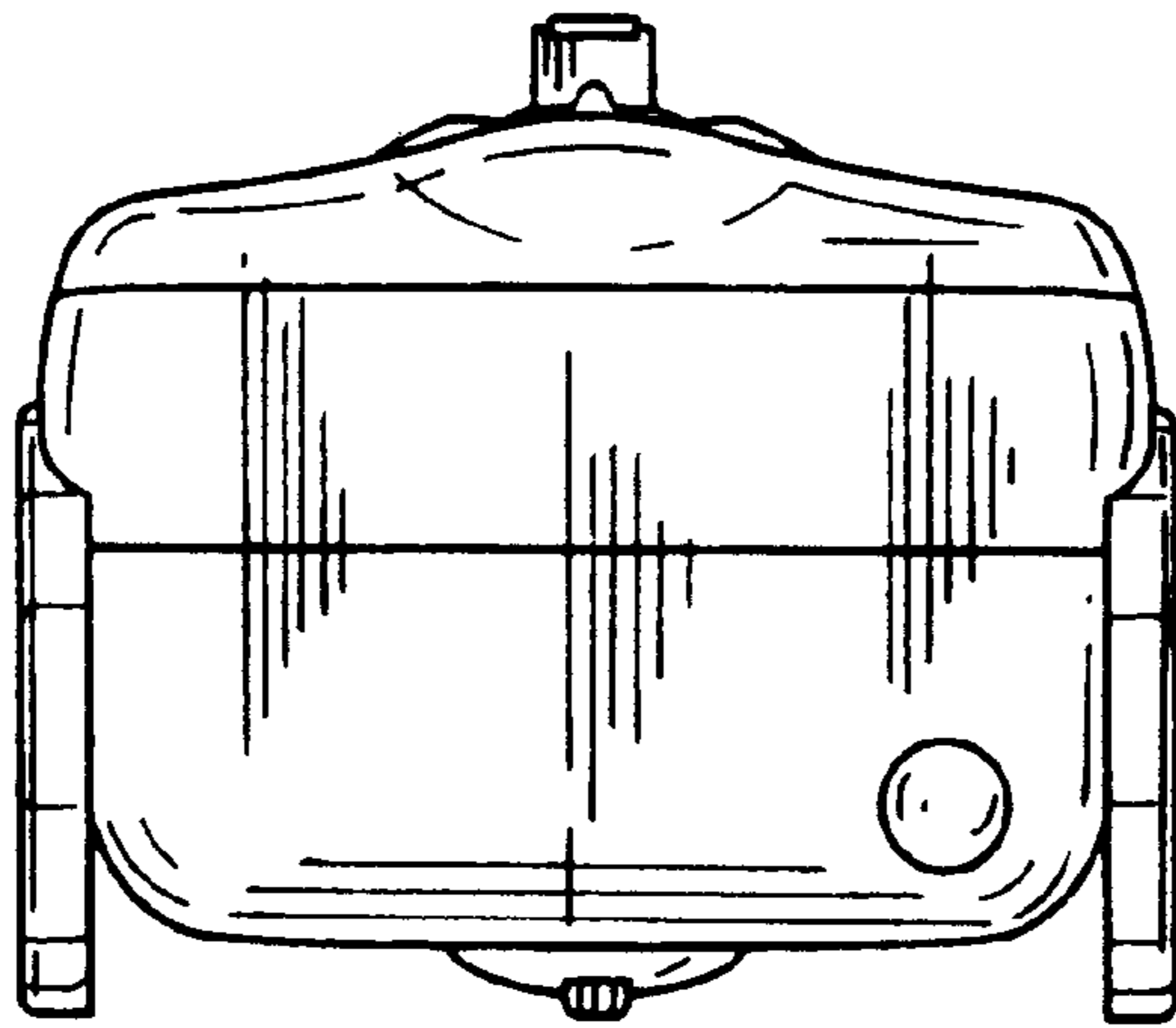


FIGURE 3

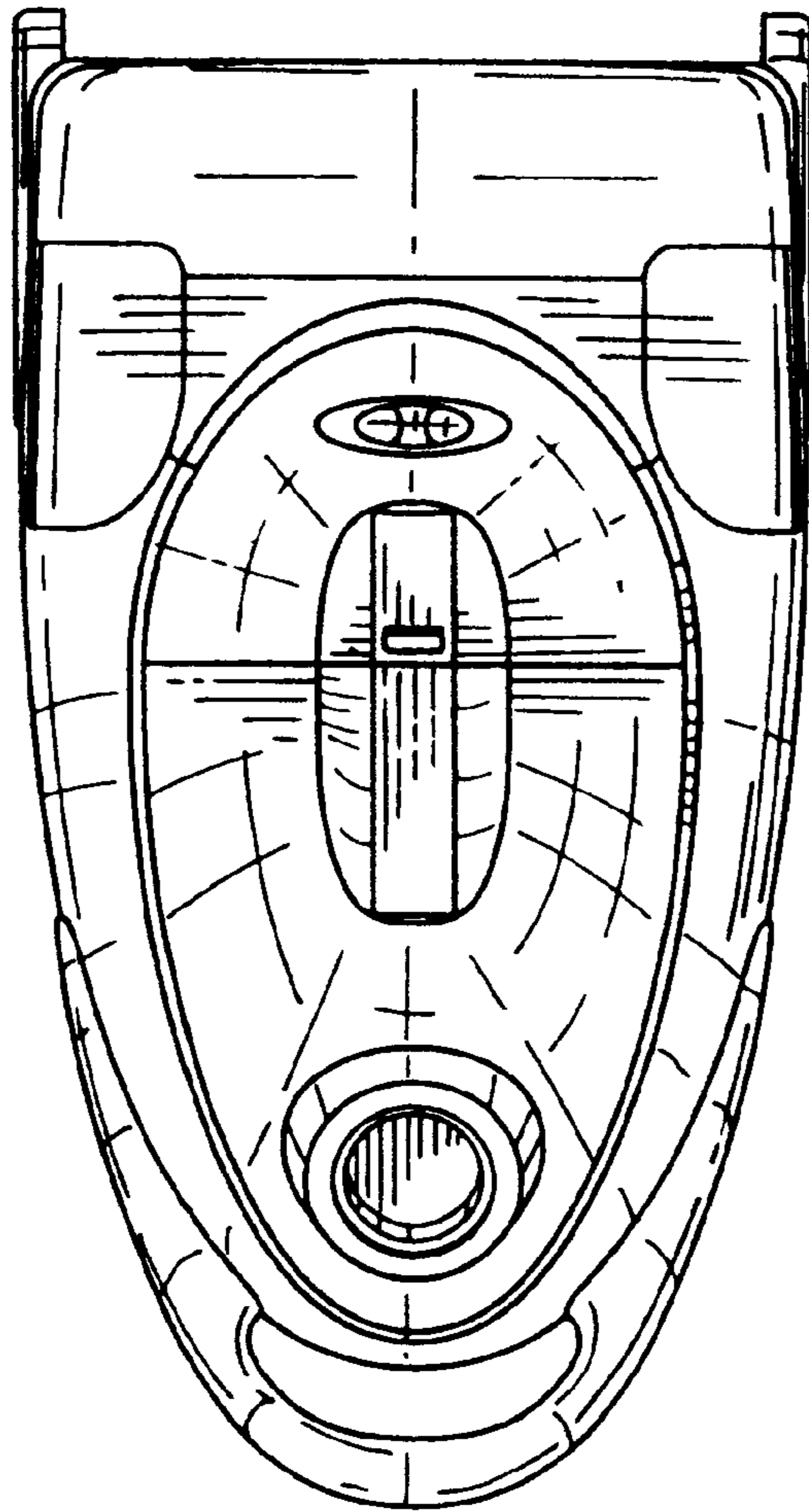


FIGURE 4

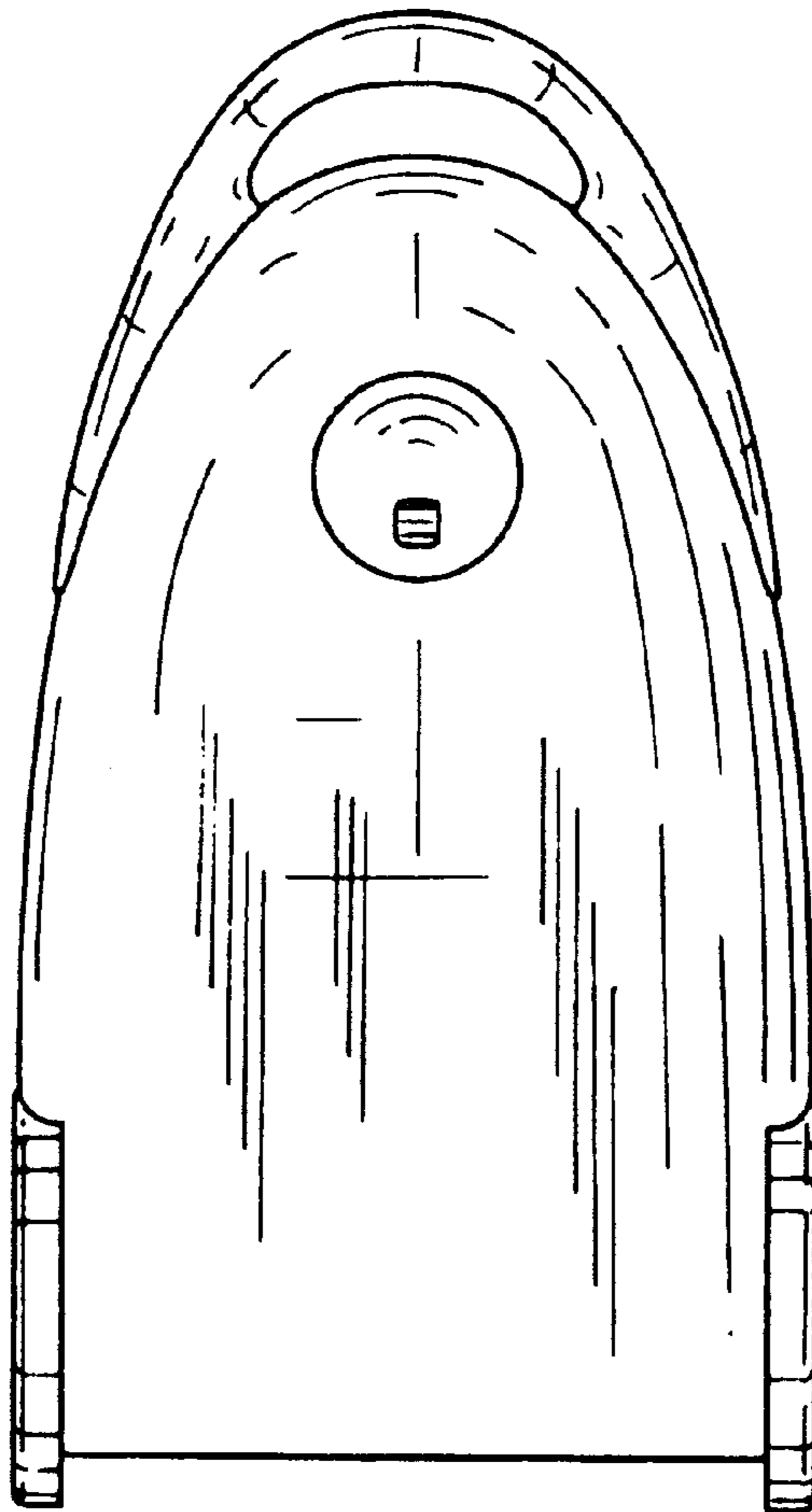


FIGURE 5

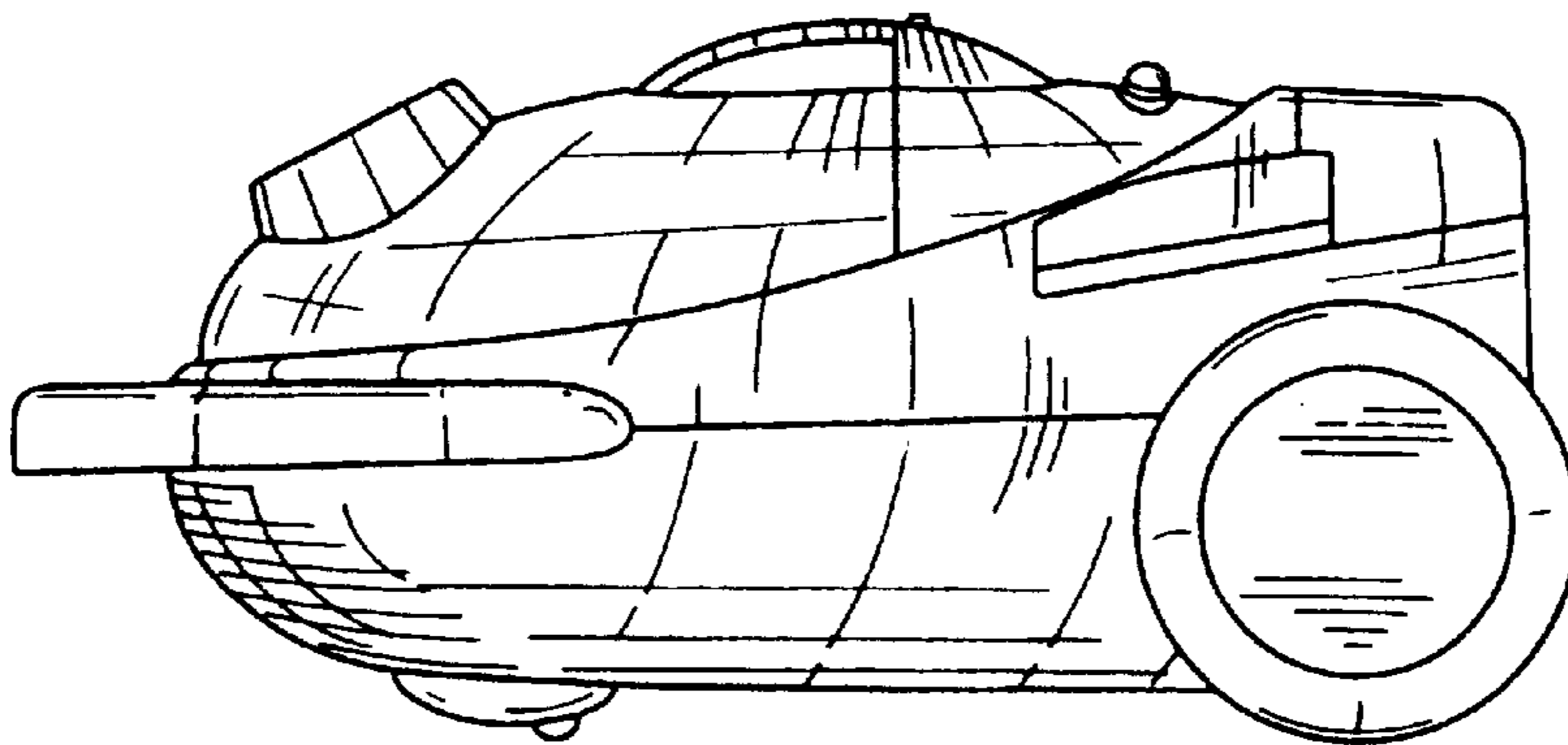


FIGURE 6

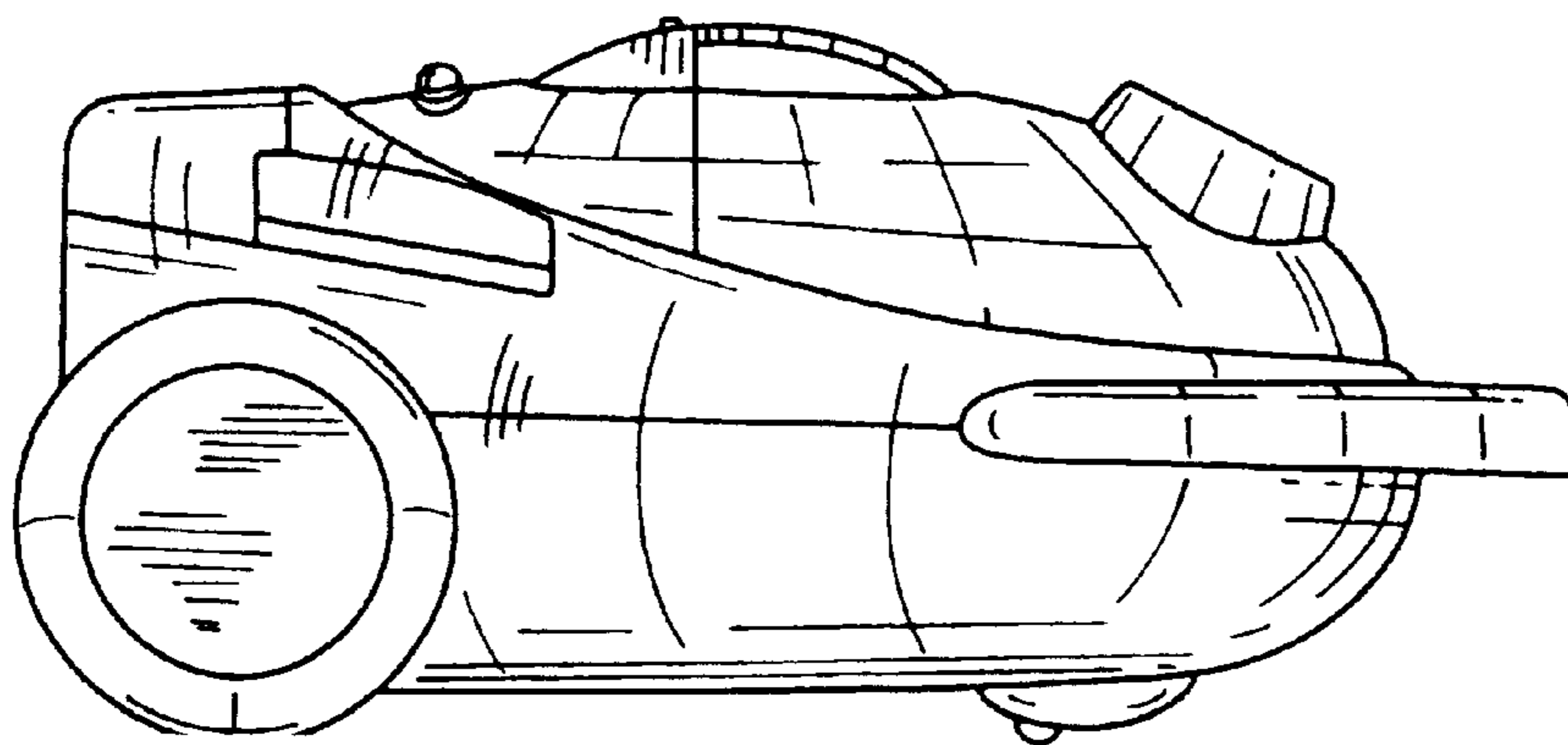


FIGURE 7