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

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(45) **Date of Patent:** **** Jan. 31, 2006**

(54) **VACUUM CLEANER**

(75) **Inventor:** **Jörg Schröter, Gröbenzell (DE)**

(73) **Assignee:** **BSH Bosch und Siemens Hausgeräte GmbH, Munich (DE)**

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

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(51) **LOC (8) Cl.** **15-05**

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

(58) **Field of Classification Search** D32/21,
D32/23-24, 31-33; 15/320-322, 327.1-327.2,
15/327.4, 327.6, 327.7, 347, 353, 412, 414;
55/DIG. 3, 345

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D338,293 S * 8/1993 Kojima et al. D32/21
D394,528 S * 5/1998 Pochopien et al. D32/21

D417,323 S * 11/1999 Fujita et al. D32/21
D446,363 S * 8/2001 Sato et al. D32/21
D456,101 S * 4/2002 Lee D32/21
D491,703 S * 6/2004 Harada D32/21
D493,585 S * 7/2004 Choi D32/21
D495,455 S * 8/2004 Brown et al. D32/21

* cited by examiner

Primary Examiner—Ruth McInroy

(74) *Attorney, Agent, or Firm*—John T. Winburn; Russell W. Warnock; Craig J. Loest

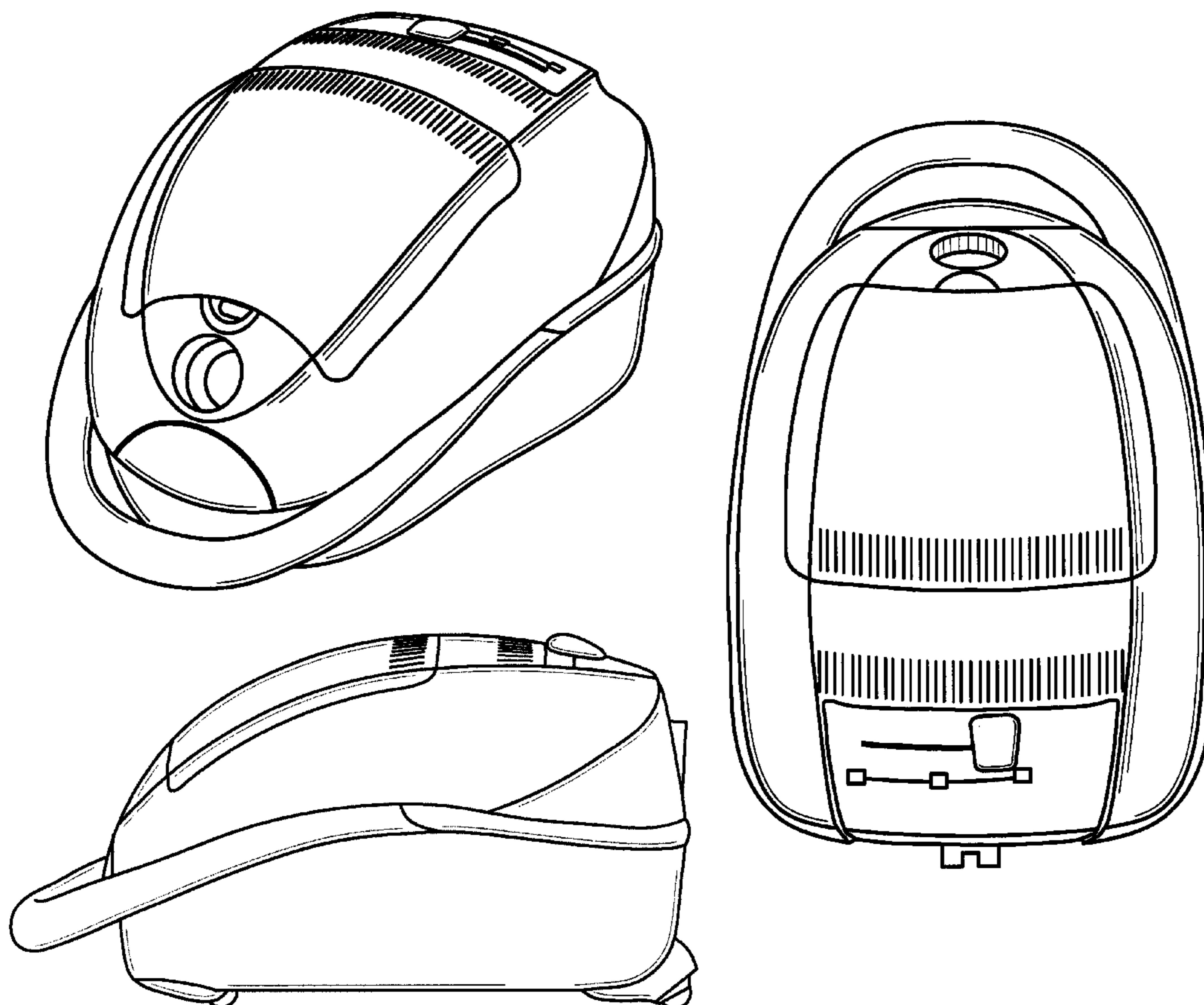
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a front top perspective view of the vacuum cleaner according to the invention;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a top plan view thereof;
FIG. 5 is a right side elevational view thereof;
FIG. 6 is a left side elevational view thereof; and,
FIG. 7 is a rear bottom perspective view thereof.

1 Claim, 5 Drawing Sheets



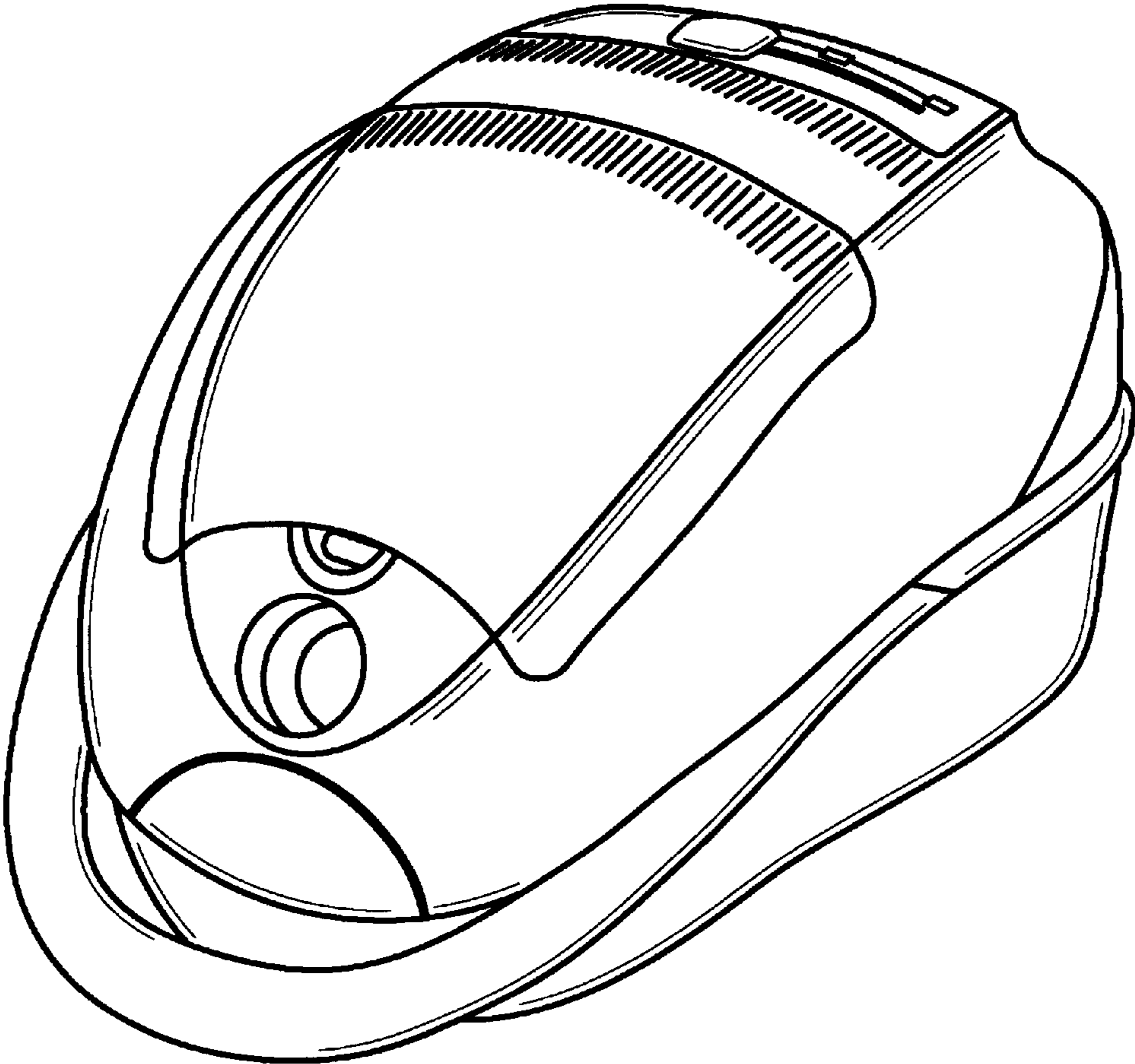


FIG. 1

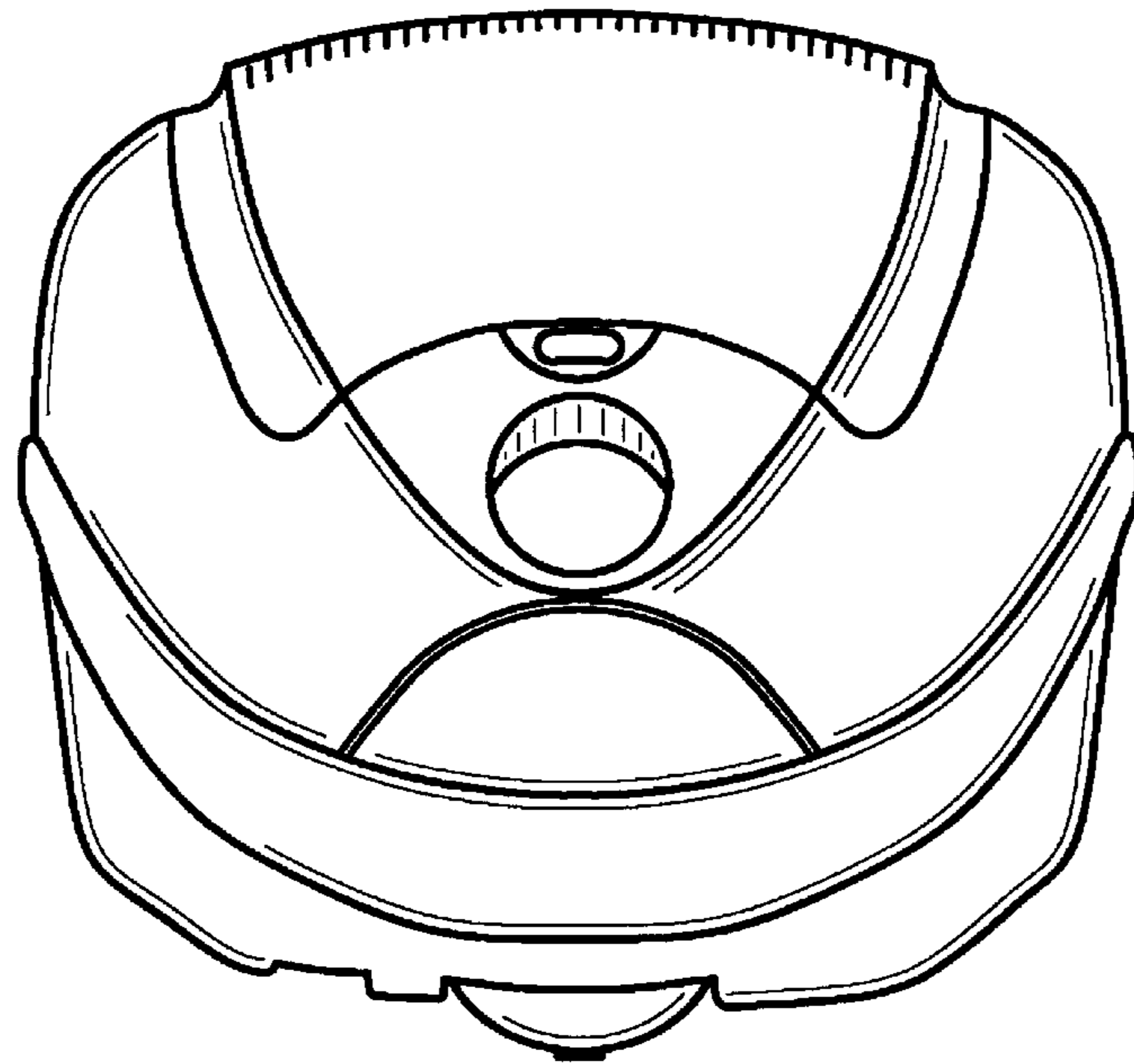


FIG. 2

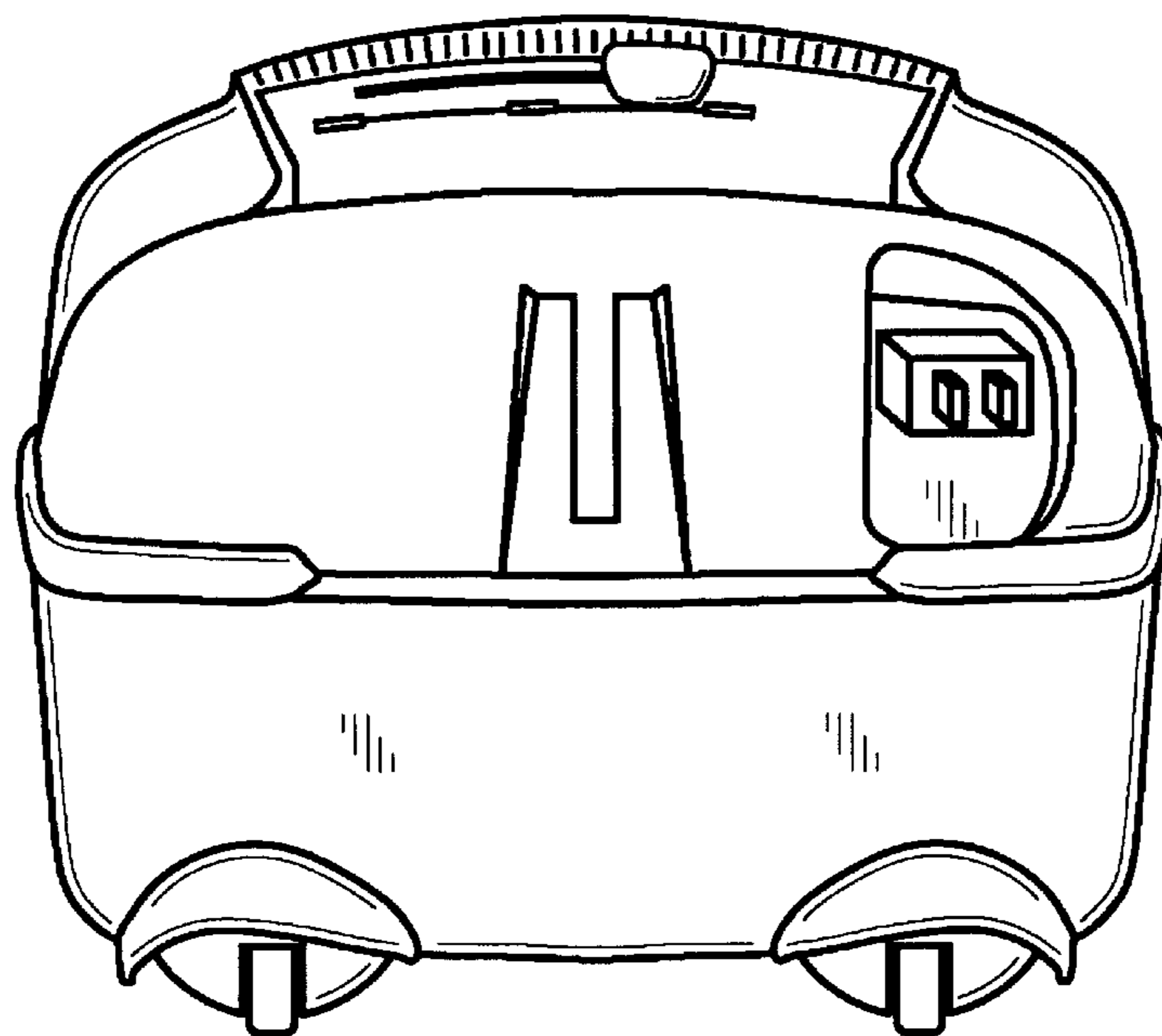


FIG. 3

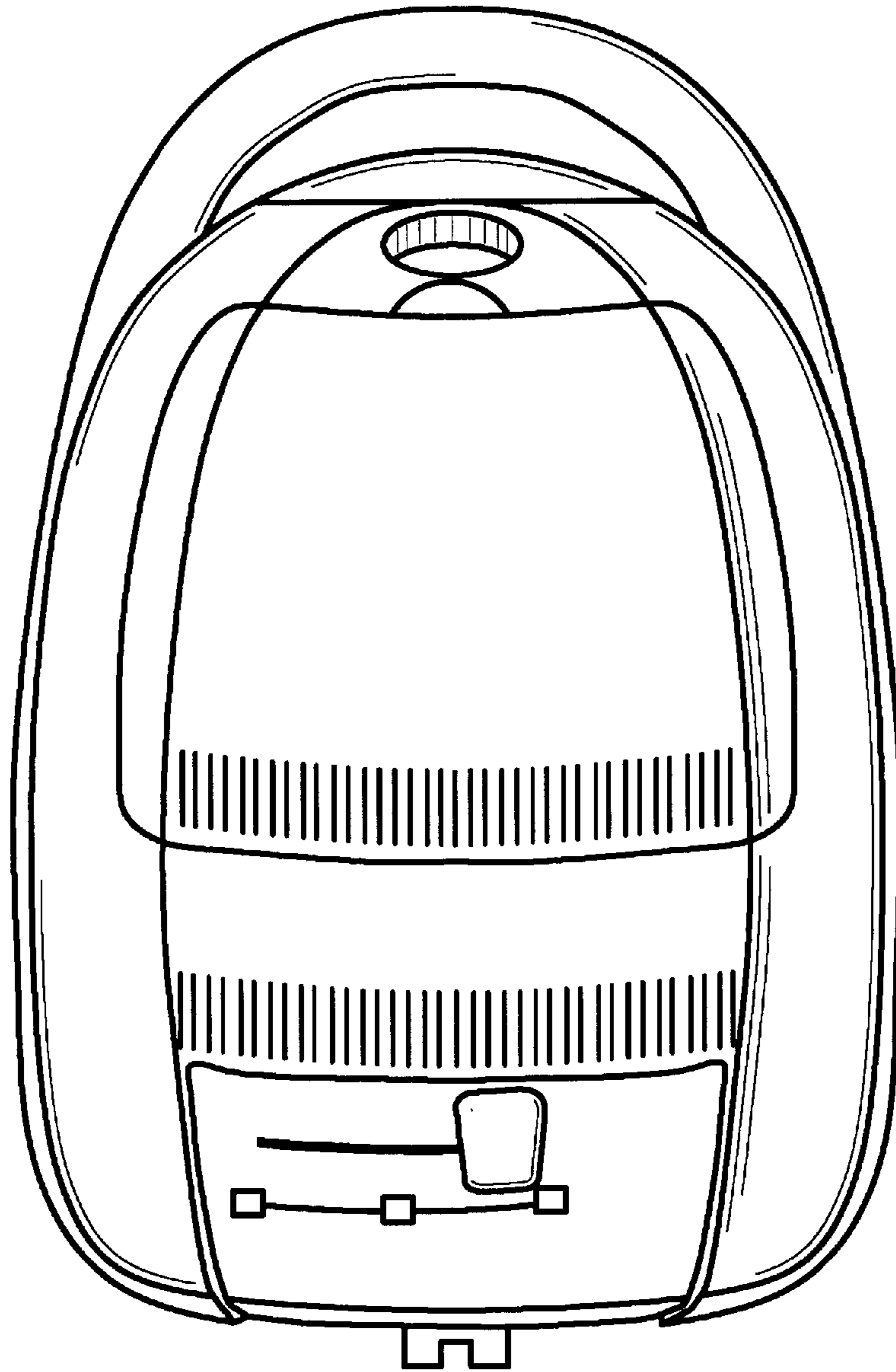


FIG. 4

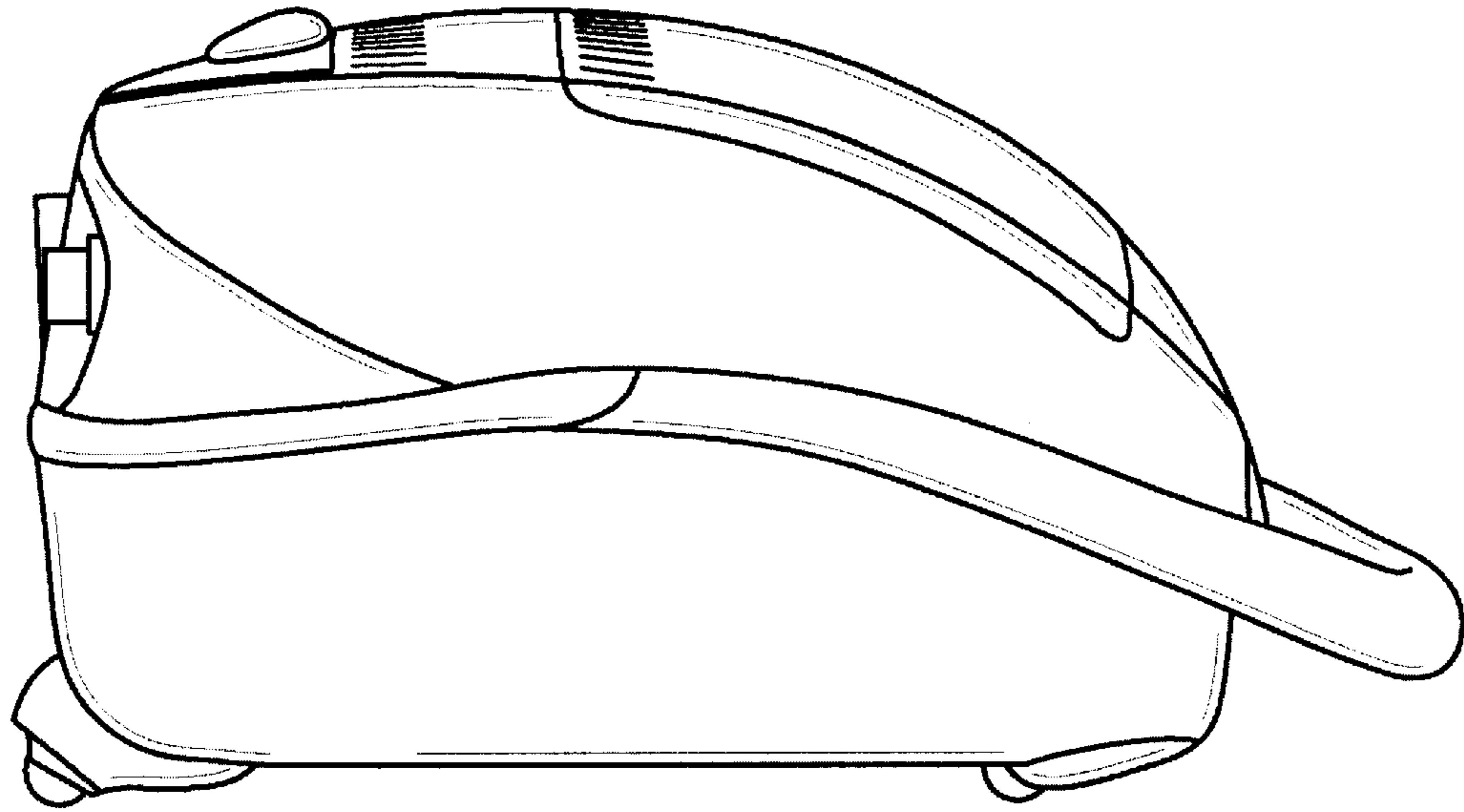


FIG. 5

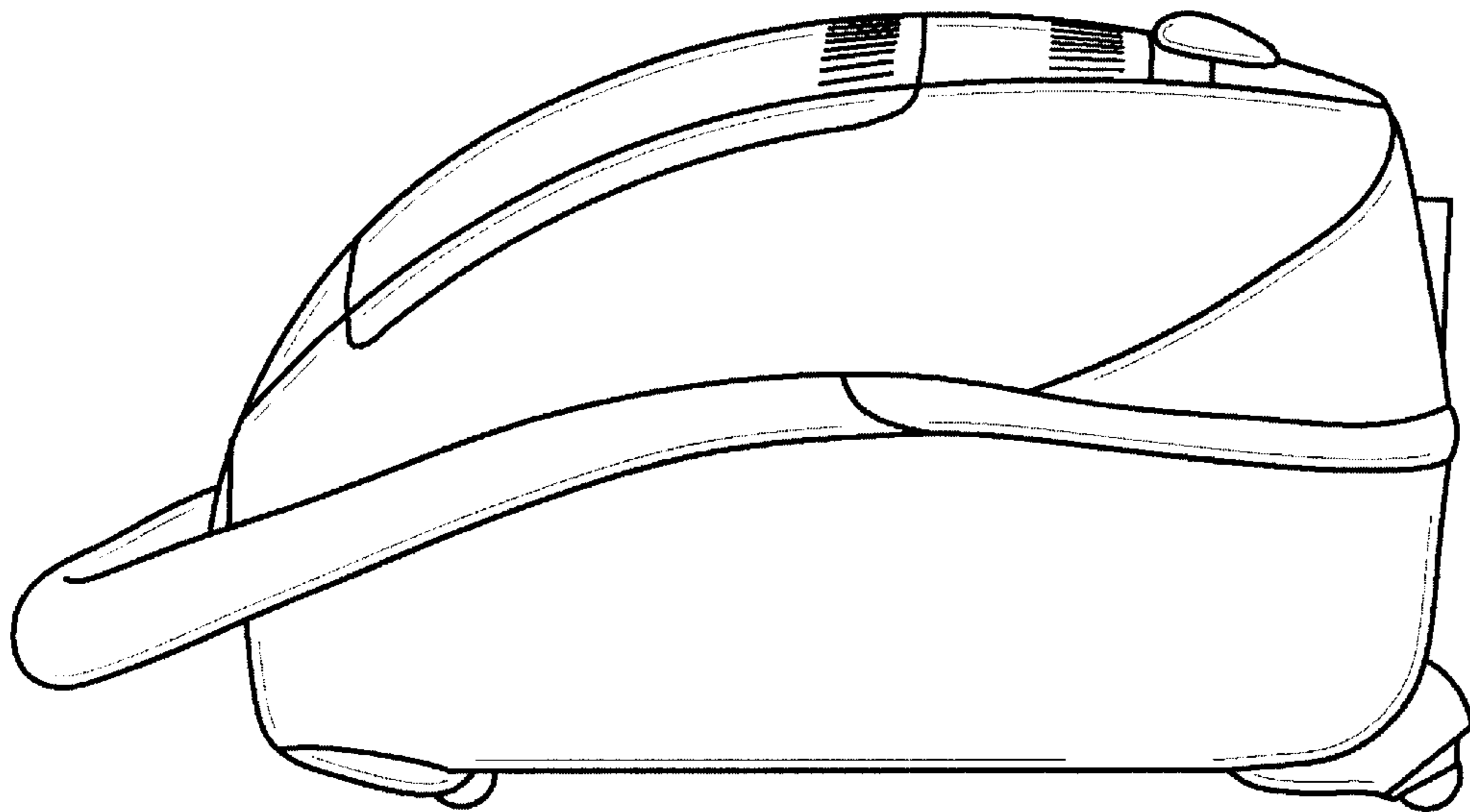


FIG. 6

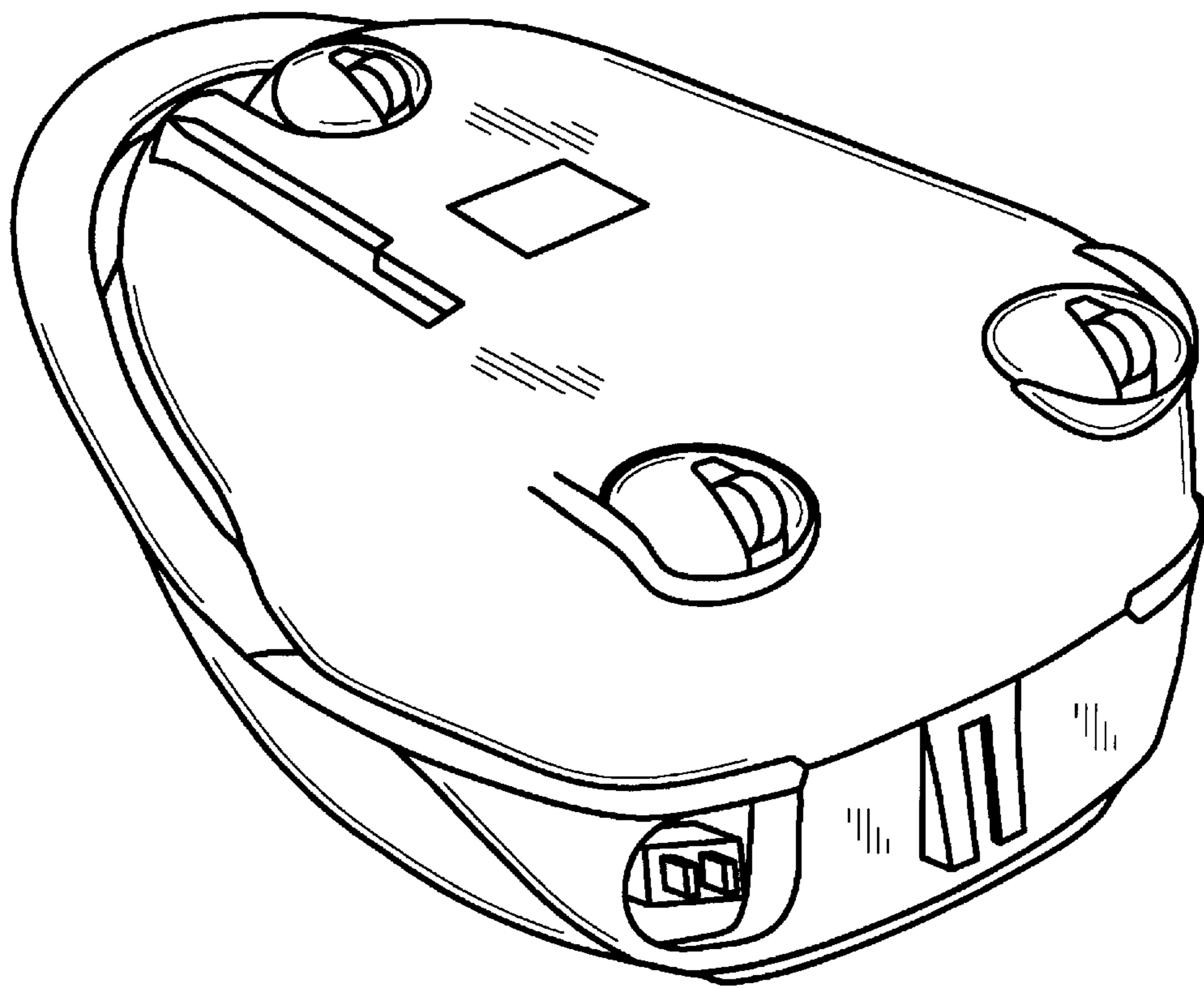


FIG. 7