



US00D570567S

(12) **United States Design Patent**
Umeda et al.

(10) **Patent No.: US D570,567 S**
(45) **Date of Patent: ** Jun. 3, 2008**

(54) **VACUUM CLEANER**
(75) Inventors: **Masakazu Umeda**, Osaka (JP); **Taro Iike**, Osaka (JP); **Hisashi Yoshida**, Osaka (JP); **Morgan Brown**, Danville, KY (US)
(73) Assignee: **Matsushita Electric Industrial Co., Ltd.**, Kadoma-shi (JP)

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(**) Term: **14 Years**
(21) Appl. No.: **29/282,882**
(22) Filed: **Jul. 31, 2007**

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Primary Examiner—Ruth McInroy
(74) *Attorney, Agent, or Firm*—Christensen, O'Connor Johnson Kindness PLLC

(51) **LOC (8) Cl.** **15-05**
(52) **U.S. Cl.** **D32/31**
(58) **Field of Classification Search** D32/22,
D32/31–34; 15/321–322, 353, 324, 334,
15/347, 350–352, 415.1–422, 422.1, 361,
15/363, 374, 410–412; 34/84–85, 95.1, 633,
34/635, 638, 229

(57) **CLAIM**

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

See application file for complete search history.

DESCRIPTION

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

The portions of the article in broken lines are shown for illustrative purposes only and form no part of the claimed design.

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1 Claim, 7 Drawing Sheets

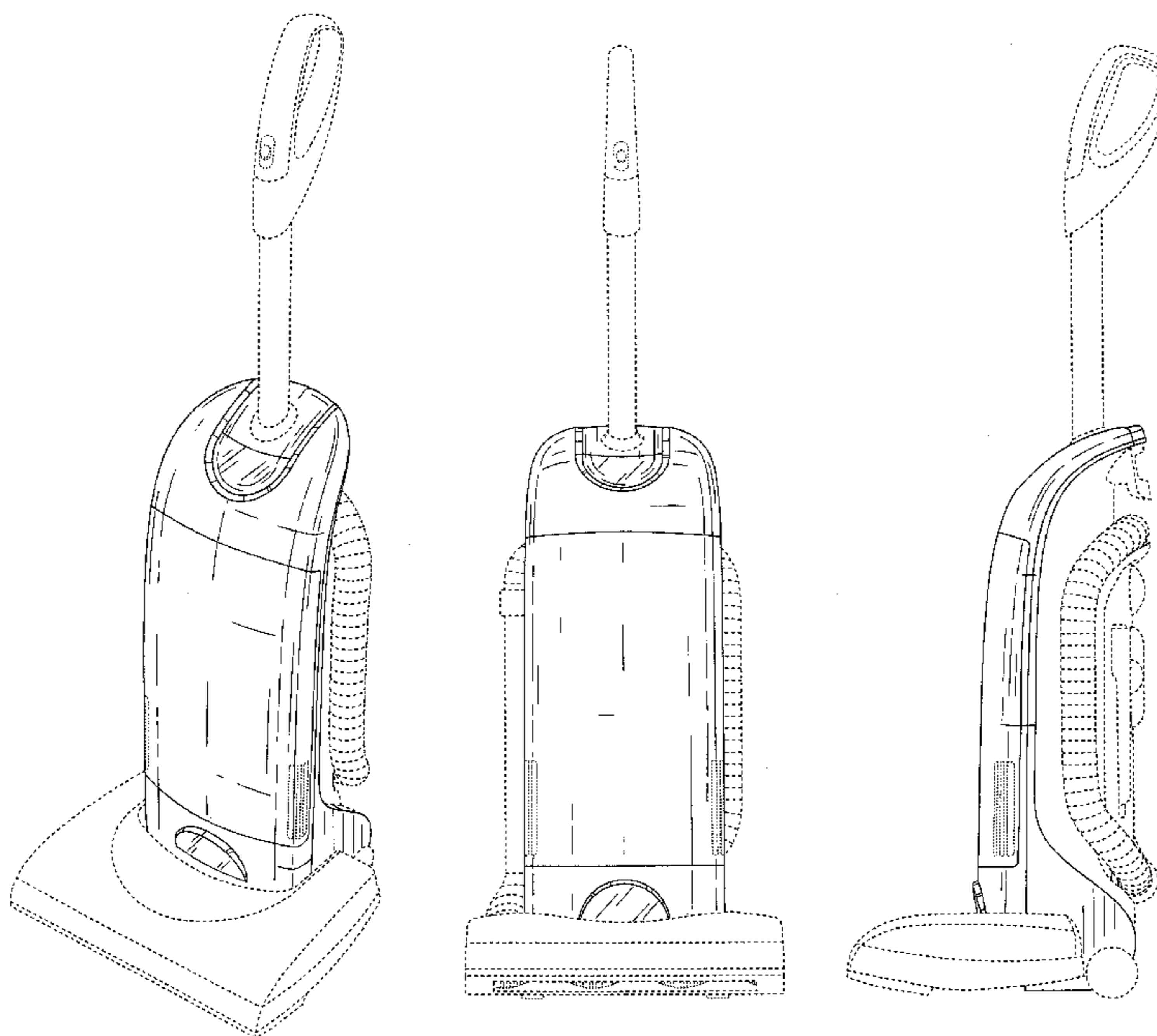
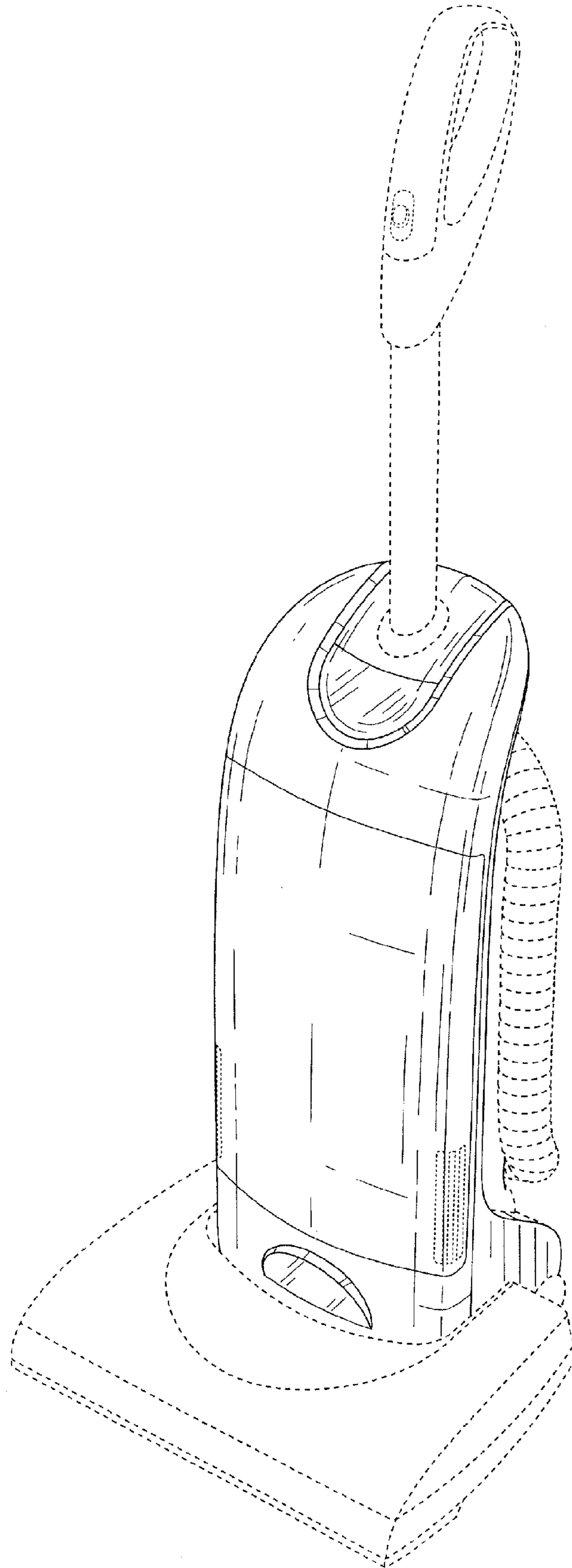


Fig.1.



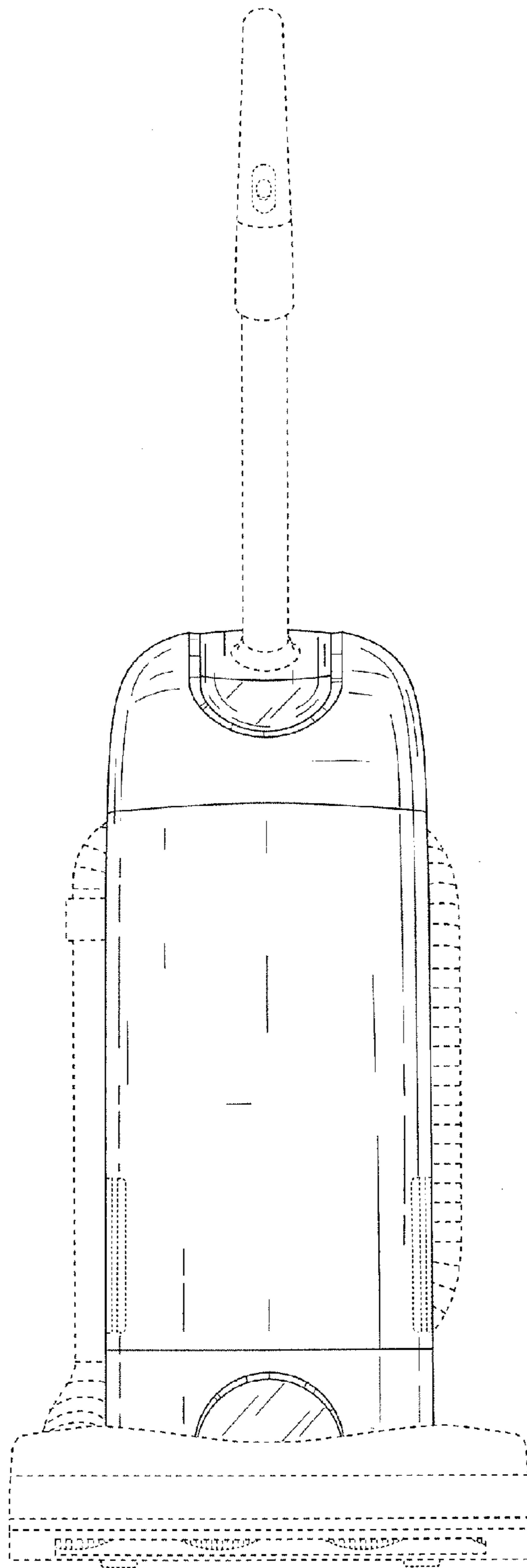


Fig.2.

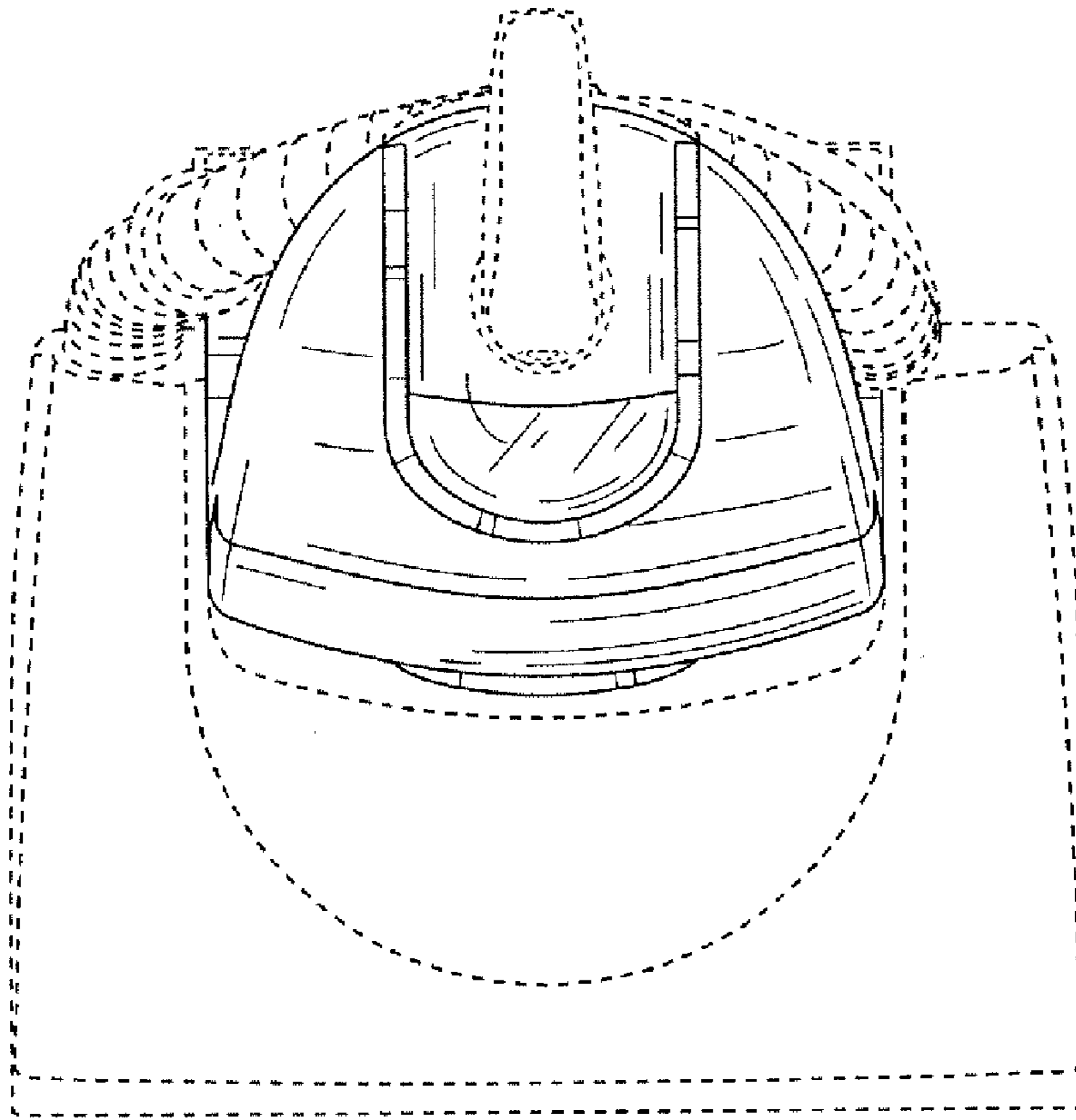


Fig.3

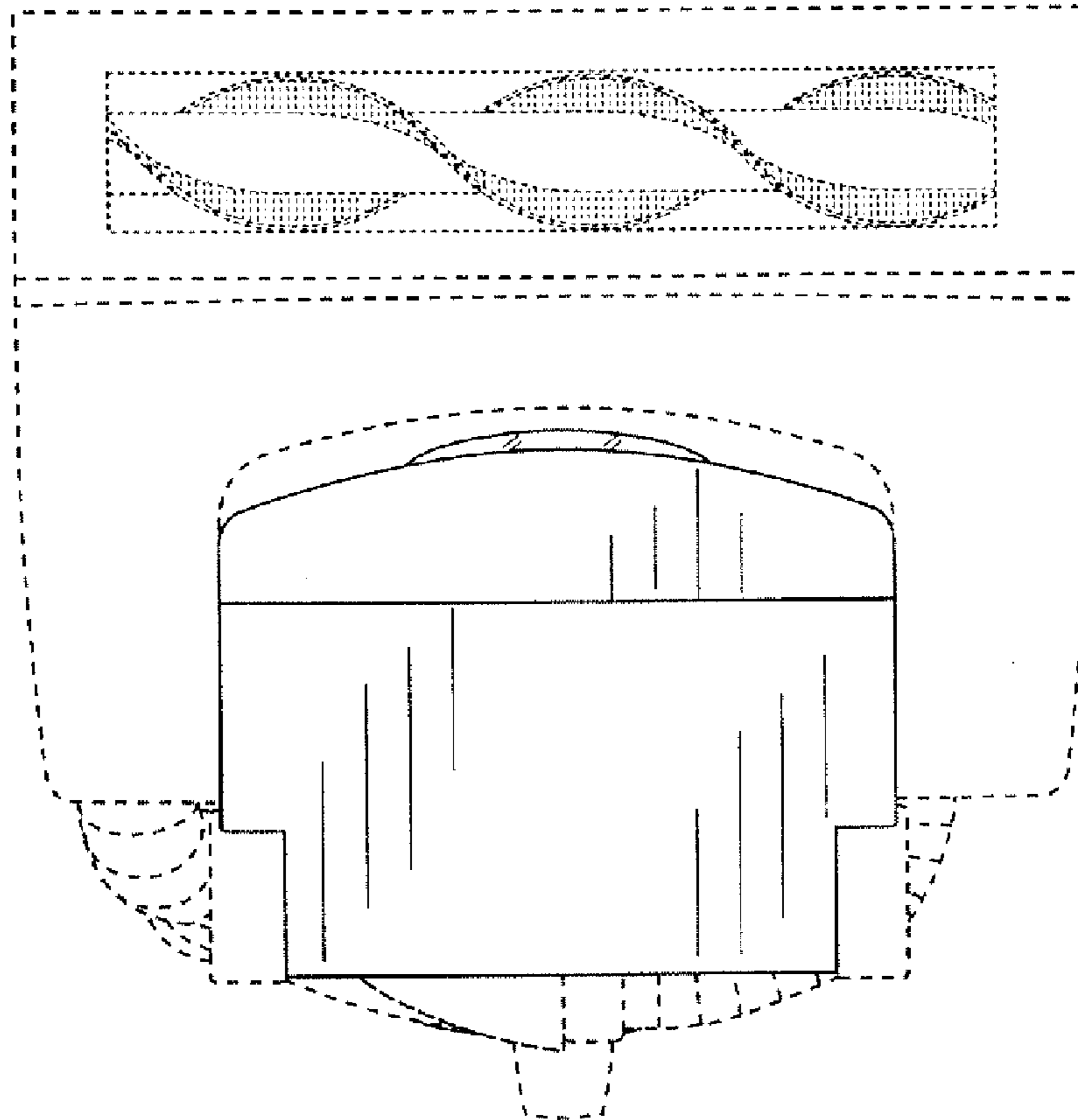


Fig.4

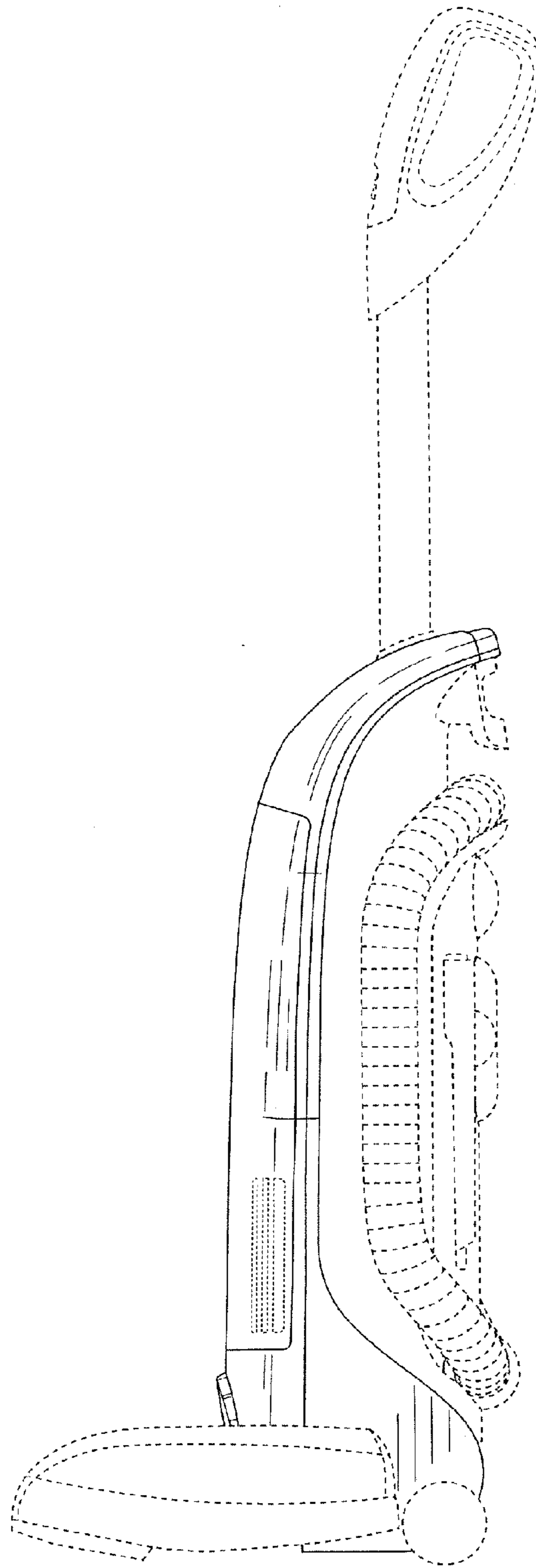


Fig.5

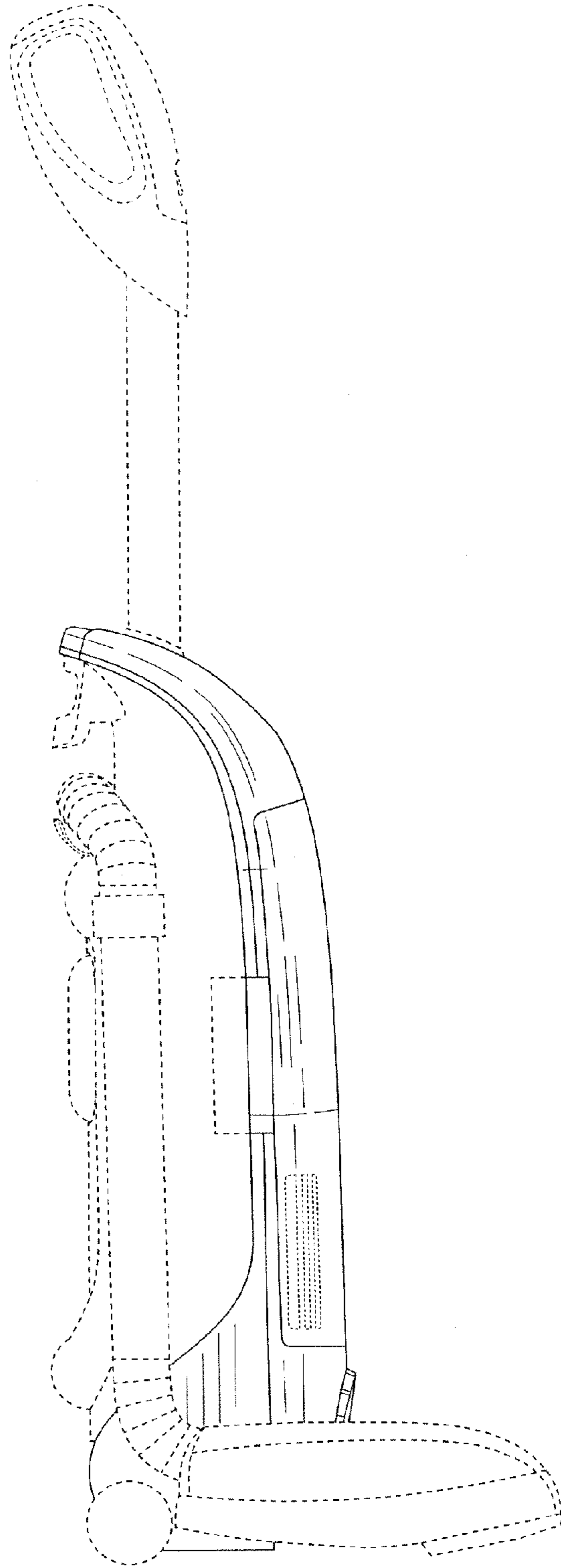


Fig.6

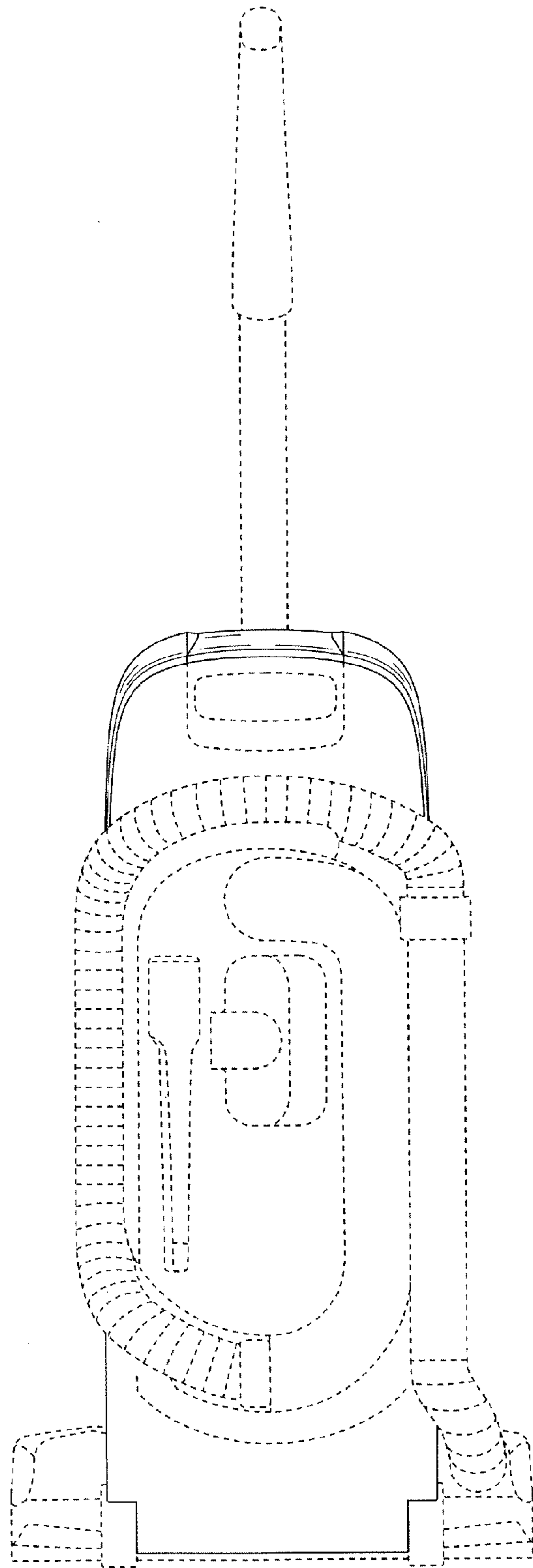


Fig. 7