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(12) **United States Design Patent** (10) **Patent No.:** **US D840,616 S**
Carter et al. (45) **Date of Patent:** **** Feb. 12, 2019**

(54) **VACUUM CLEANER**

(56) **References Cited**

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U.S. PATENT DOCUMENTS

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(**) Term: **15 Years**

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(21) Appl. No.: **29/622,970**

Primary Examiner — Ruth McNroy

(22) Filed: **Oct. 20, 2017**

(74) *Attorney, Agent, or Firm* — Michael Best & Friedrich LLP

Related U.S. Application Data

(63) Continuation of application No. 29/570,961, filed on Jul. 13, 2016, now Pat. No. Des. 800,980.

(51) **LOC (11) Cl.** **15-05**

(52) **U.S. Cl.**
USPC **D32/18**

(58) **Field of Classification Search**
USPC D32/17, 18, 22, 31
CPC ... A47L 5/24; A47L 5/362; A47L 5/36; A47L 5/28; A47L 9/102; A47L 9/1683; B01D 50/002

See application file for complete search history.

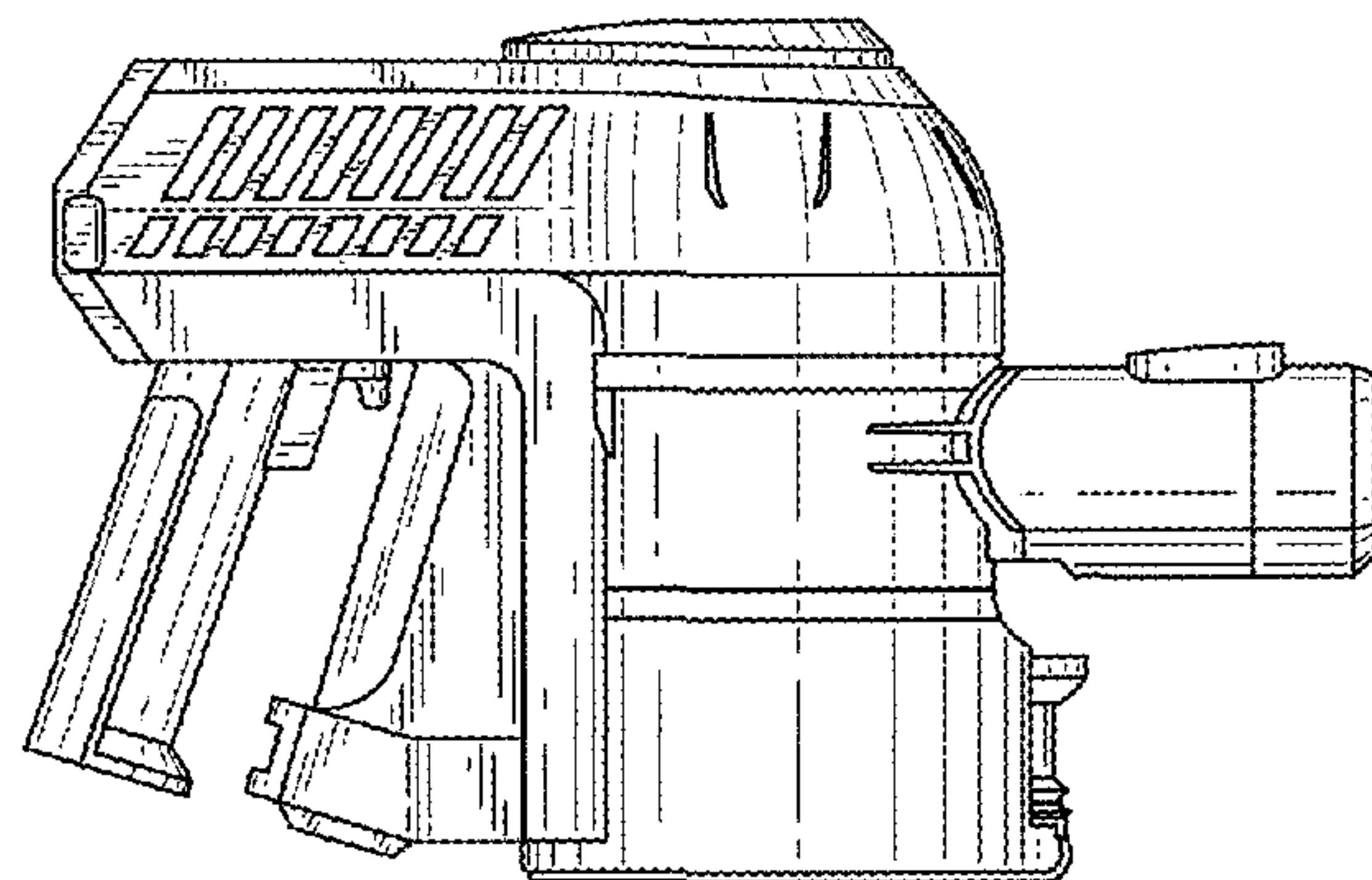
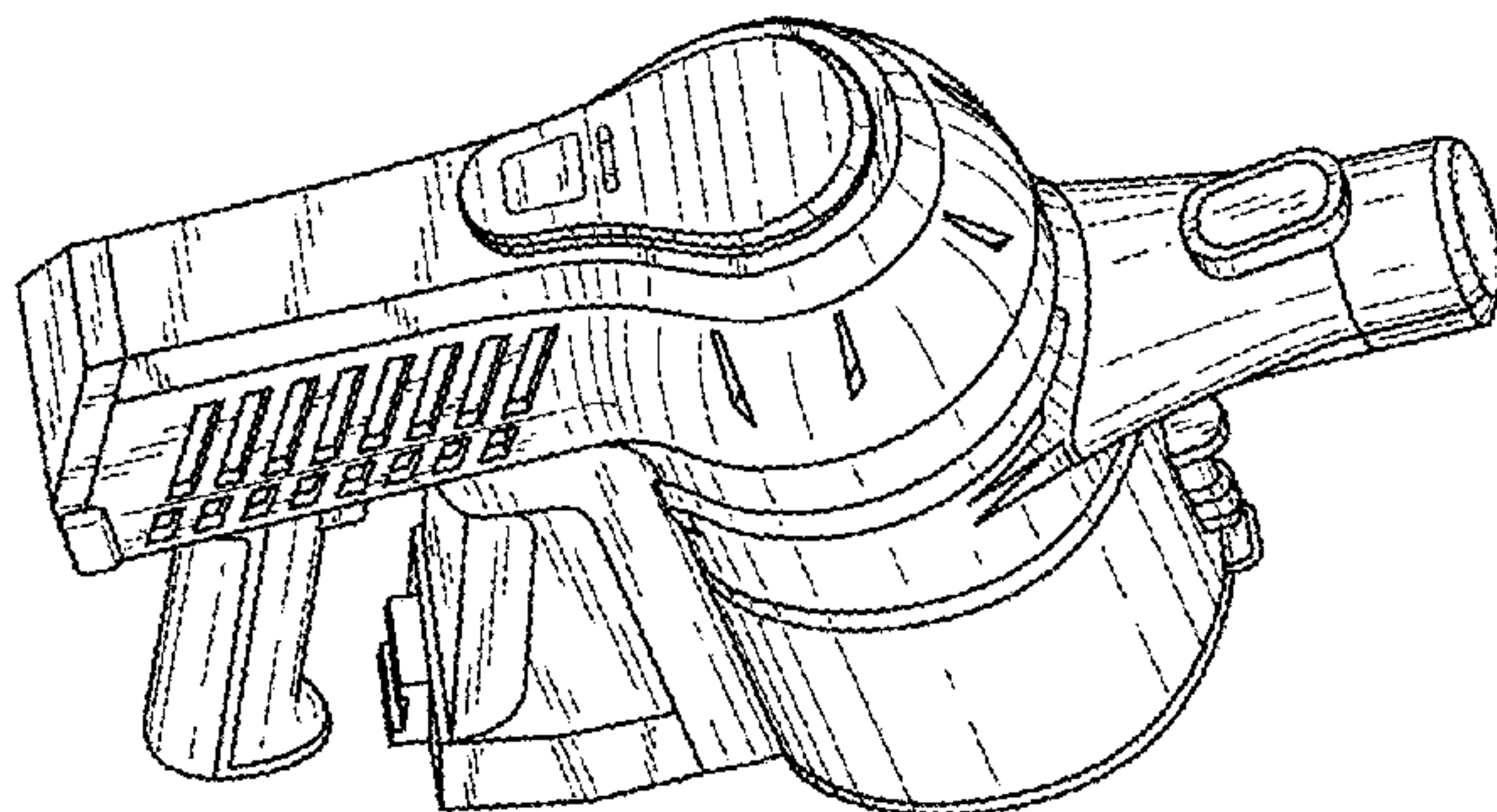
(57) **CLAIM**

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

DESCRIPTION

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

1 Claim, 4 Drawing Sheets



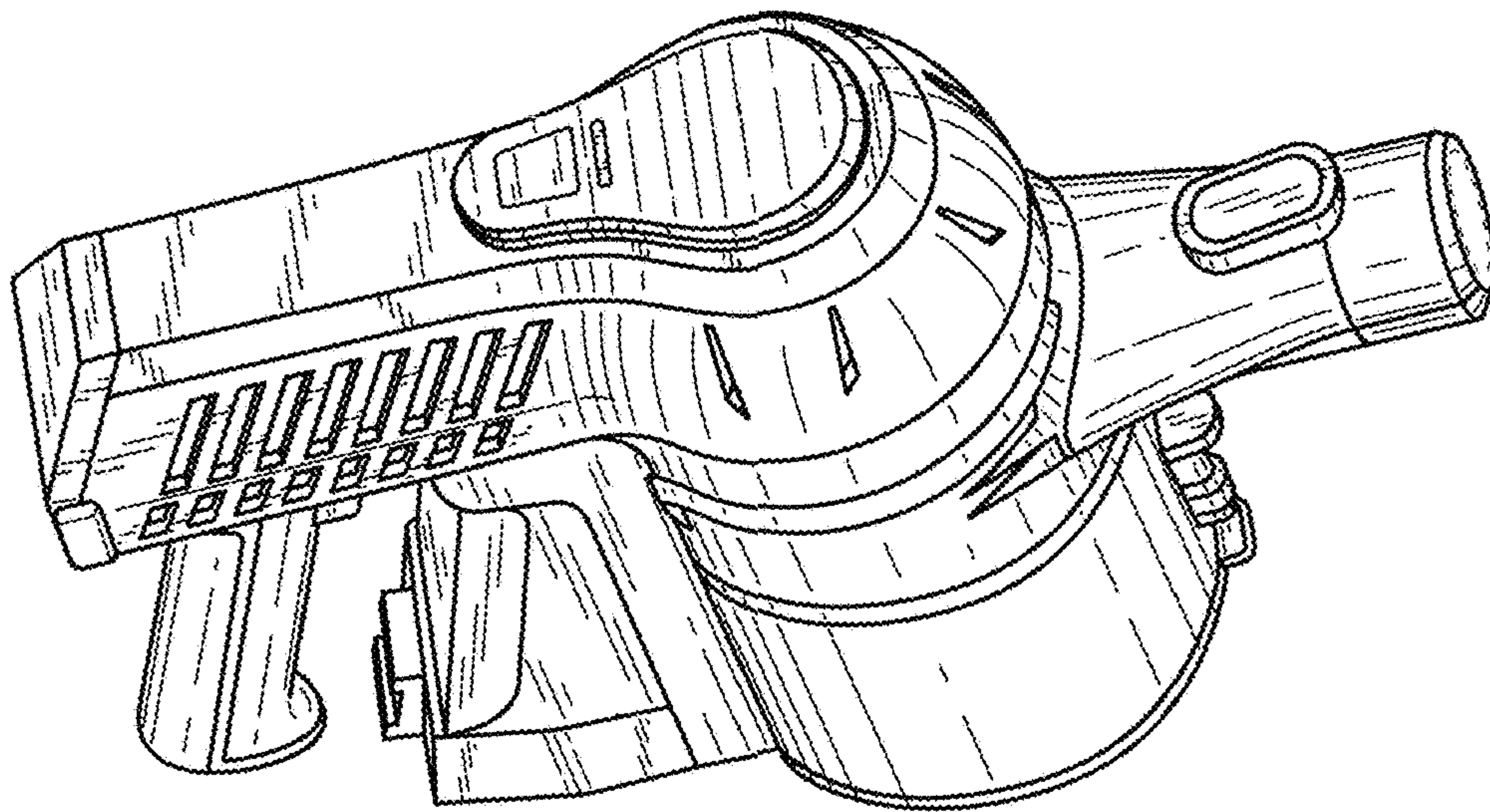


FIG. 1

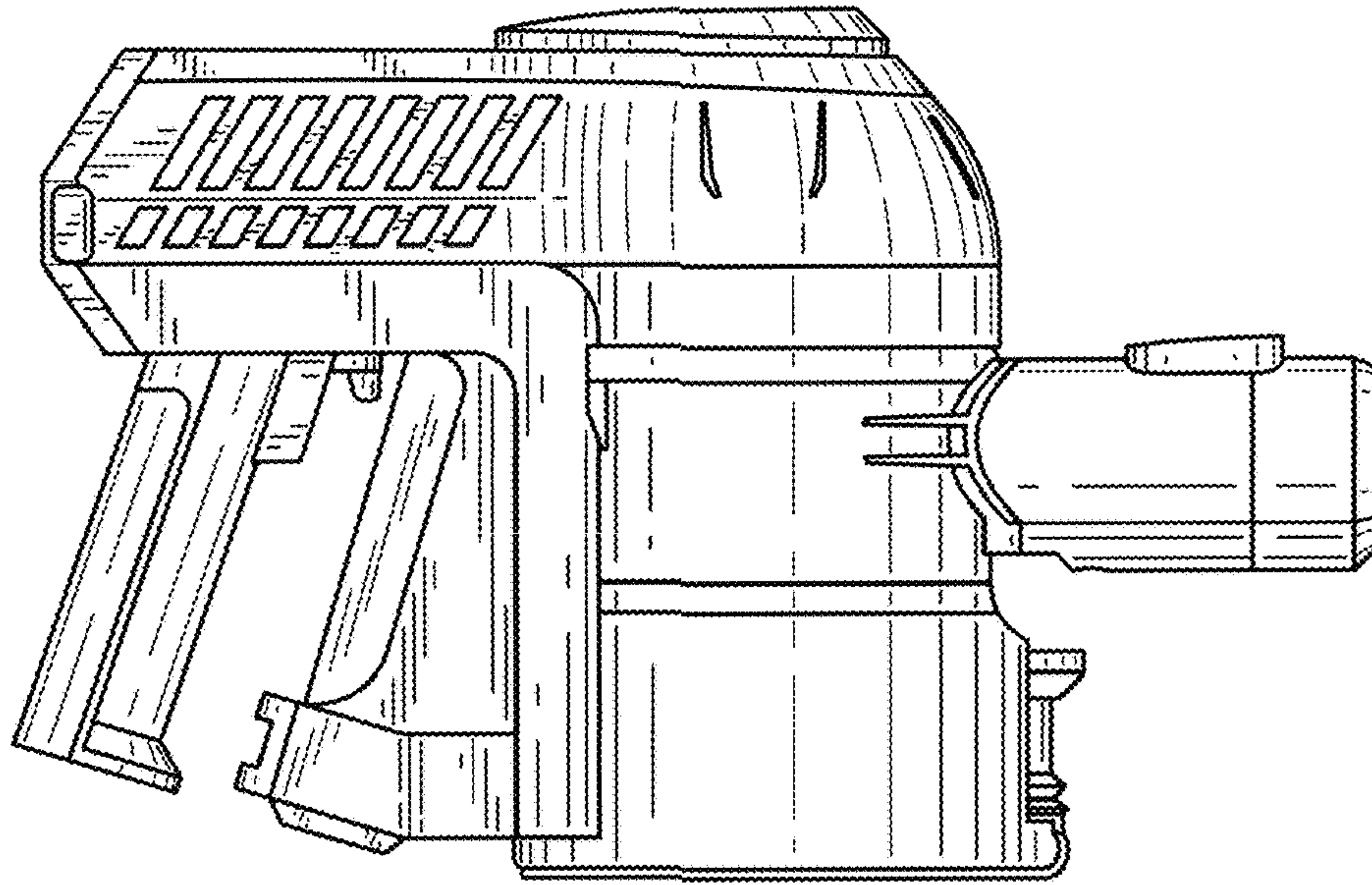


FIG. 2

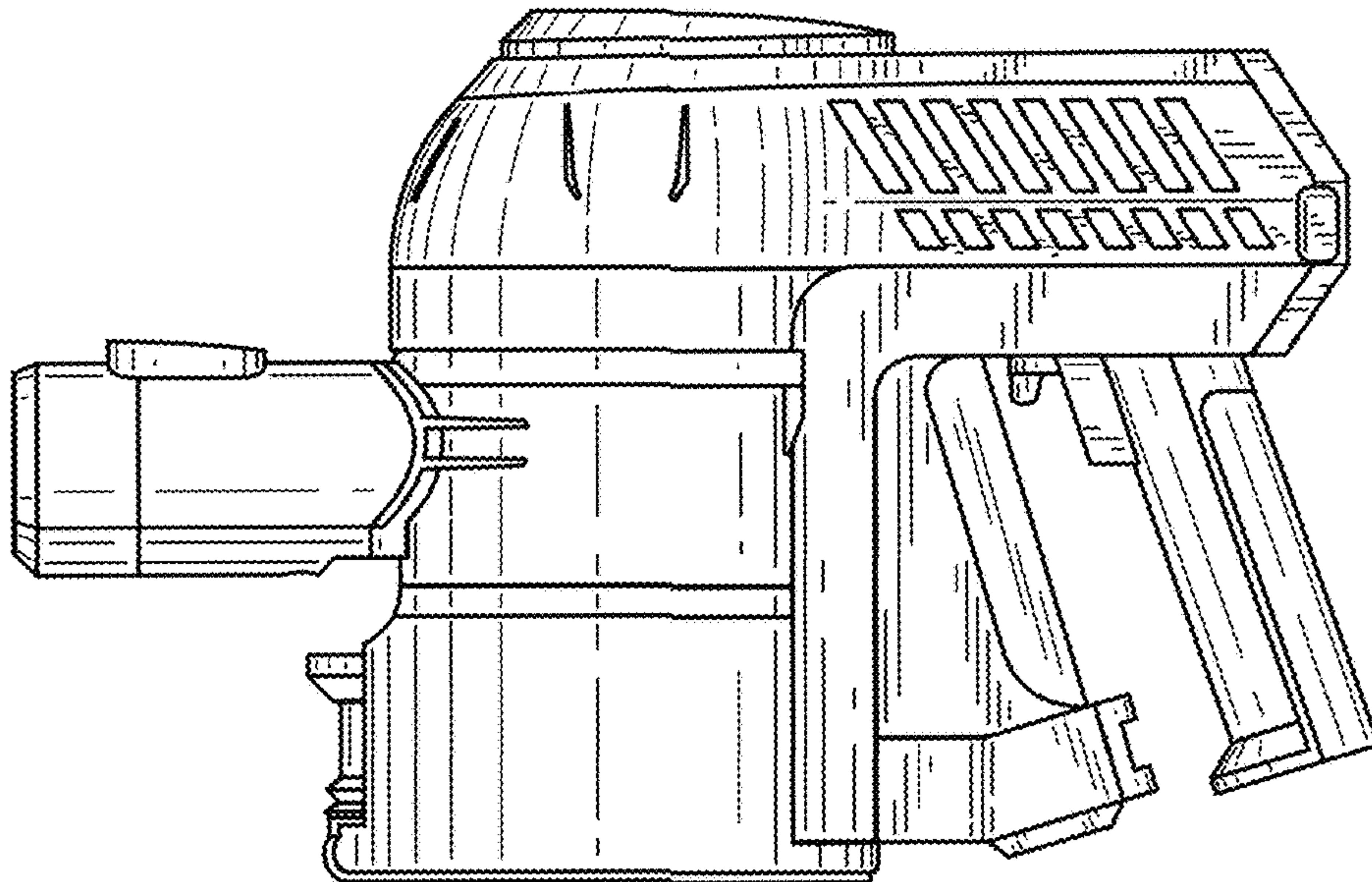


FIG. 3

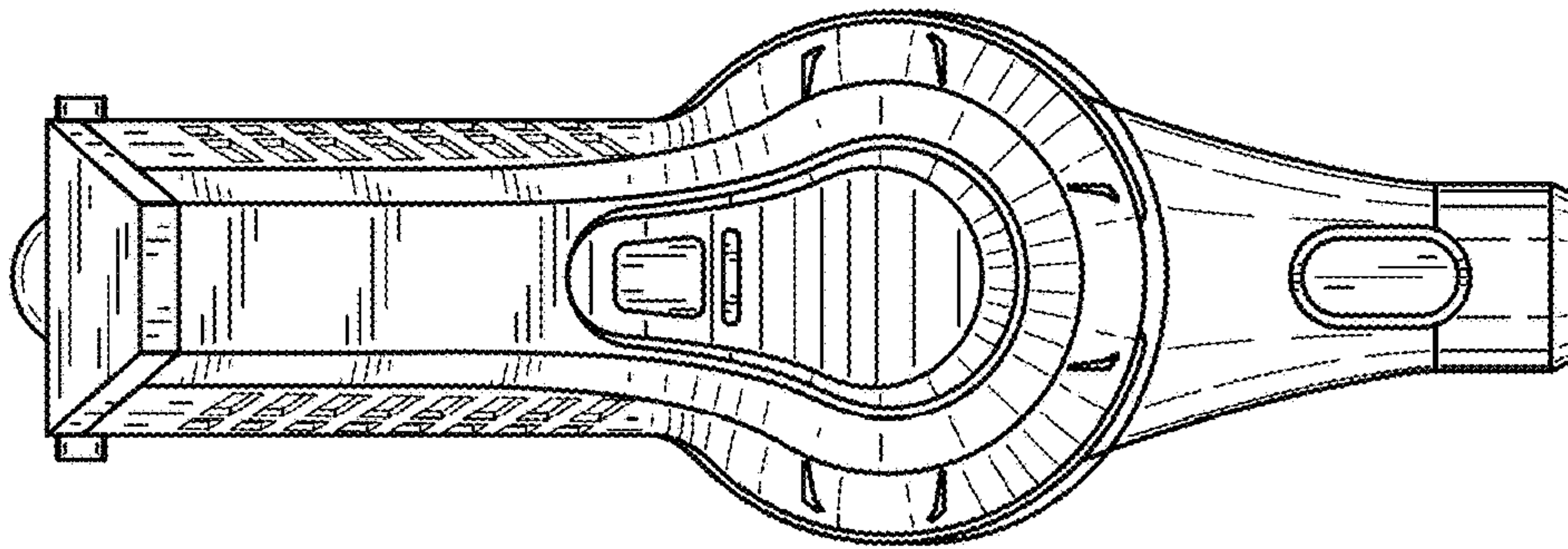


FIG. 4

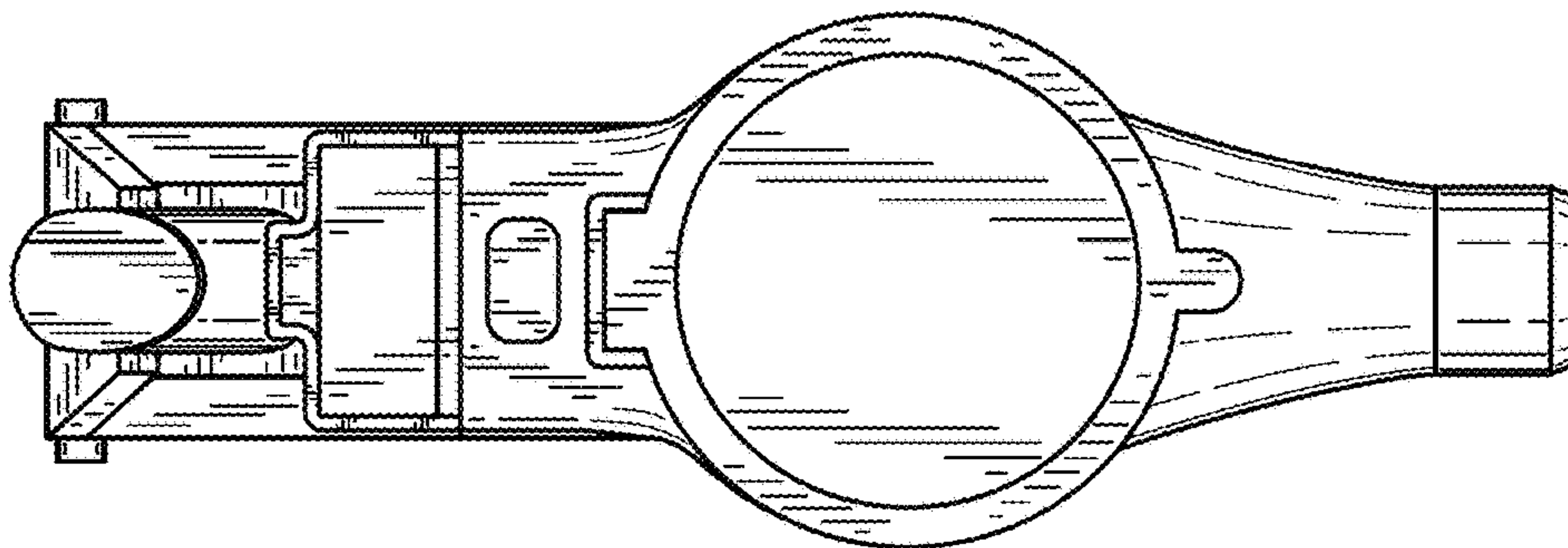


FIG. 5

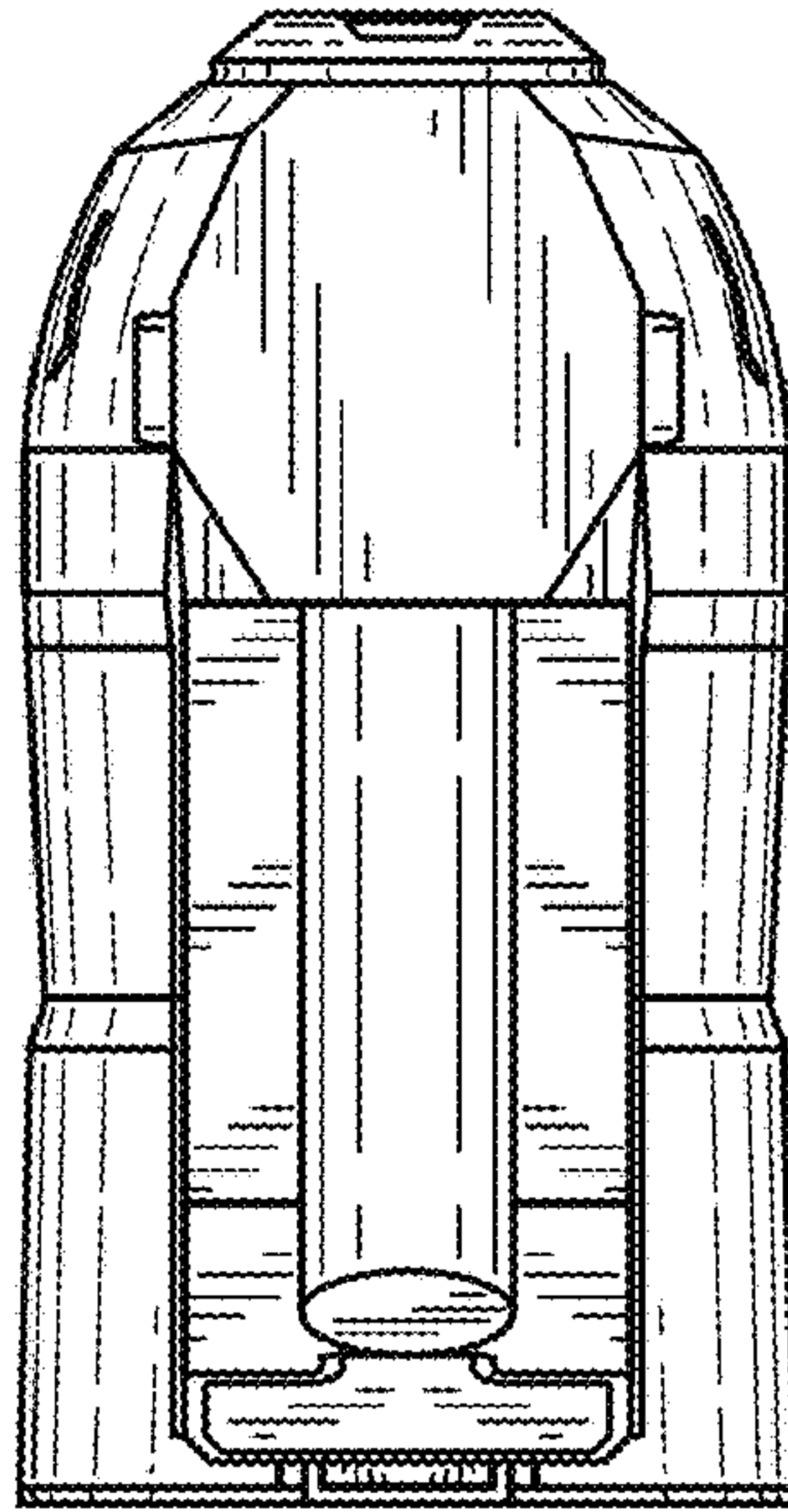


FIG. 6

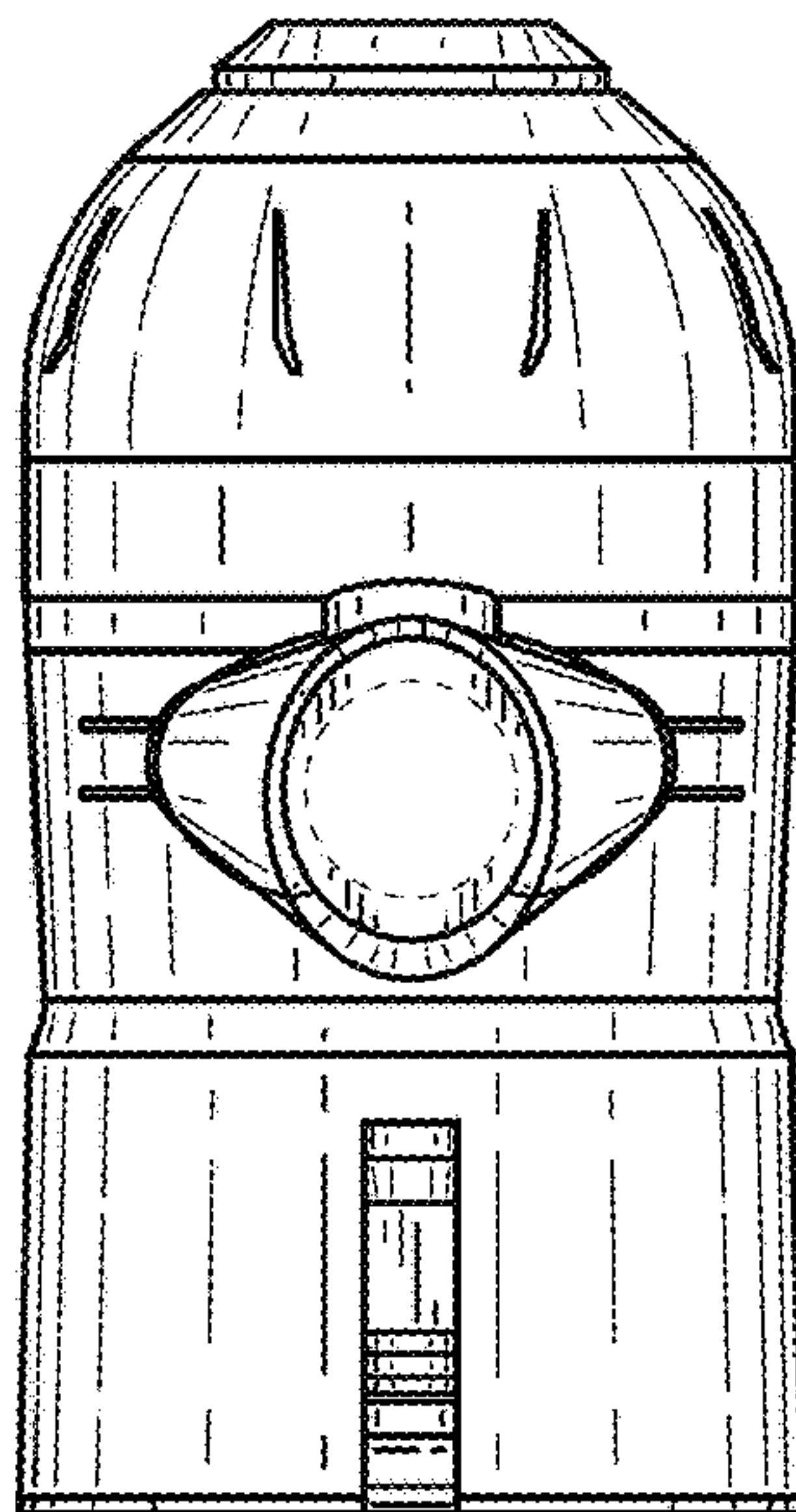


FIG. 7