



US00D794880S

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

(10) **Patent No.:** **US D794,880 S**

(45) **Date of Patent:** **** Aug. 15, 2017**

(54) **VERTICAL CLEANER**

(71) Applicant: **JIANGSU MIDEA CLEANING APPLIANCES CO., LTD.**, Suzhou (CN)

(72) Inventor: **Liangsheng Zhou**, Suzhou (CN)

(73) Assignee: **JIANGSU MIDEA CLEANING APPLIANCES CO., LTD.**, Suzhou (CN)

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

(21) Appl. No.: **29/526,994**

(22) Filed: **May 14, 2015**

(30) **Foreign Application Priority Data**

Feb. 3, 2015 (CN) 2015 3 0032599

(51) **LOC (10) Cl.** **15-05**

(52) **U.S. Cl.**
USPC **D32/22**

(58) **Field of Classification Search**
USPC D32/21-22, 31, 34, 25
CPC A47L 11/34; A47L 11/29; A47L 11/30;
A47L 7/0019; A47L 7/0004; A47L
7/0023; A47L 9/00; A47L 9/1409; A47L
5/36-5/367; A47L 5/28

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | | |
|-------------------|---------|---------|-------|-----------------------|
| D670,878 S * | 11/2012 | Lee | | D32/22 |
| D730,001 S * | 5/2015 | Yun | | D32/22 |
| D735,426 S * | 7/2015 | Yun | | D32/22 |
| D740,505 S * | 10/2015 | Gidwell | | D32/31 |
| D751,261 S * | 3/2016 | Thorne | | D32/22 |
| 2015/0143659 A1 * | 5/2015 | Pilch | | A47L 9/1691 15/347 |

* cited by examiner

Primary Examiner — Ruth McInroy

(74) *Attorney, Agent, or Firm* — Hodgson Russ LLP

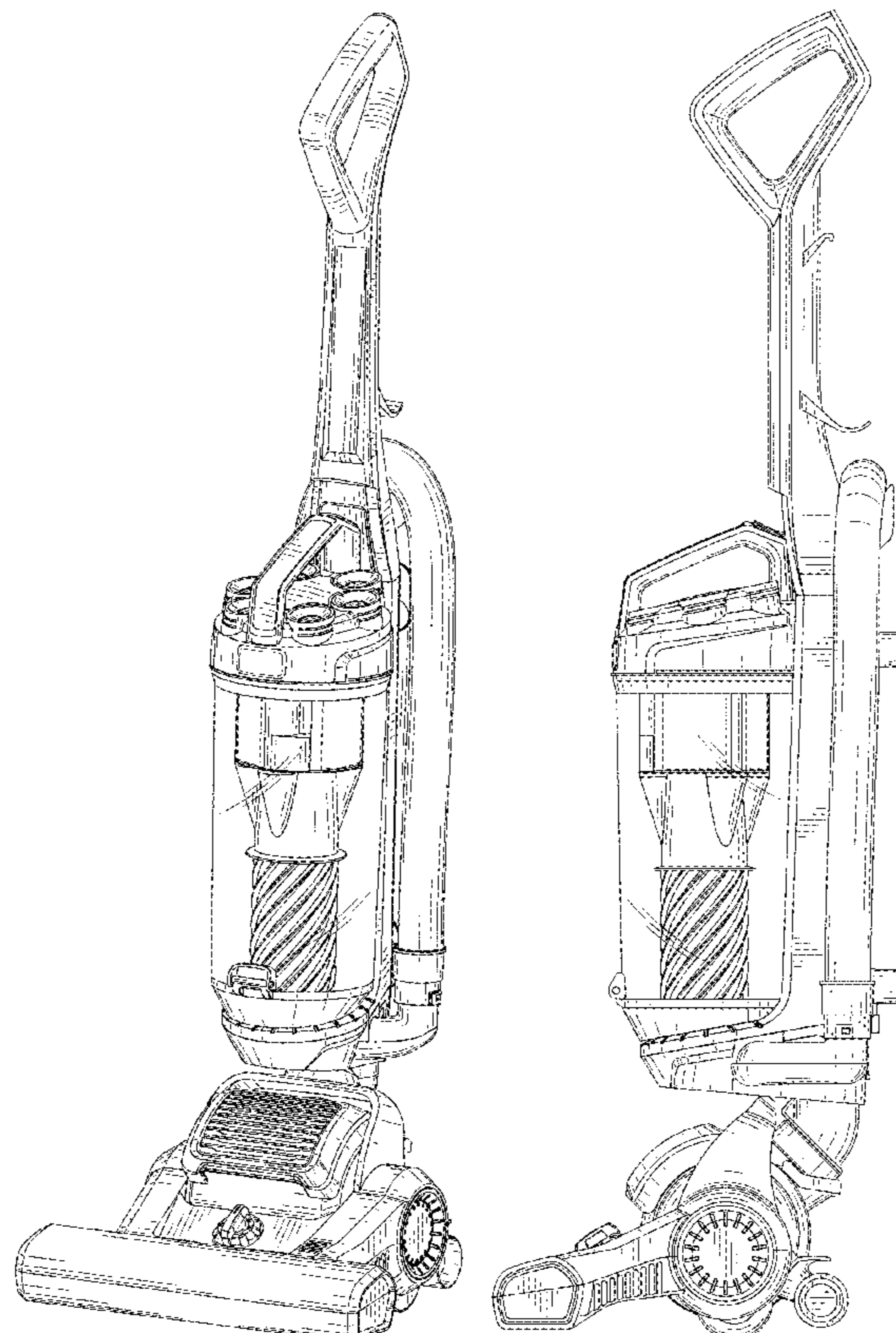
(57) **CLAIM**

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

DESCRIPTION

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

1 Claim, 6 Drawing Sheets



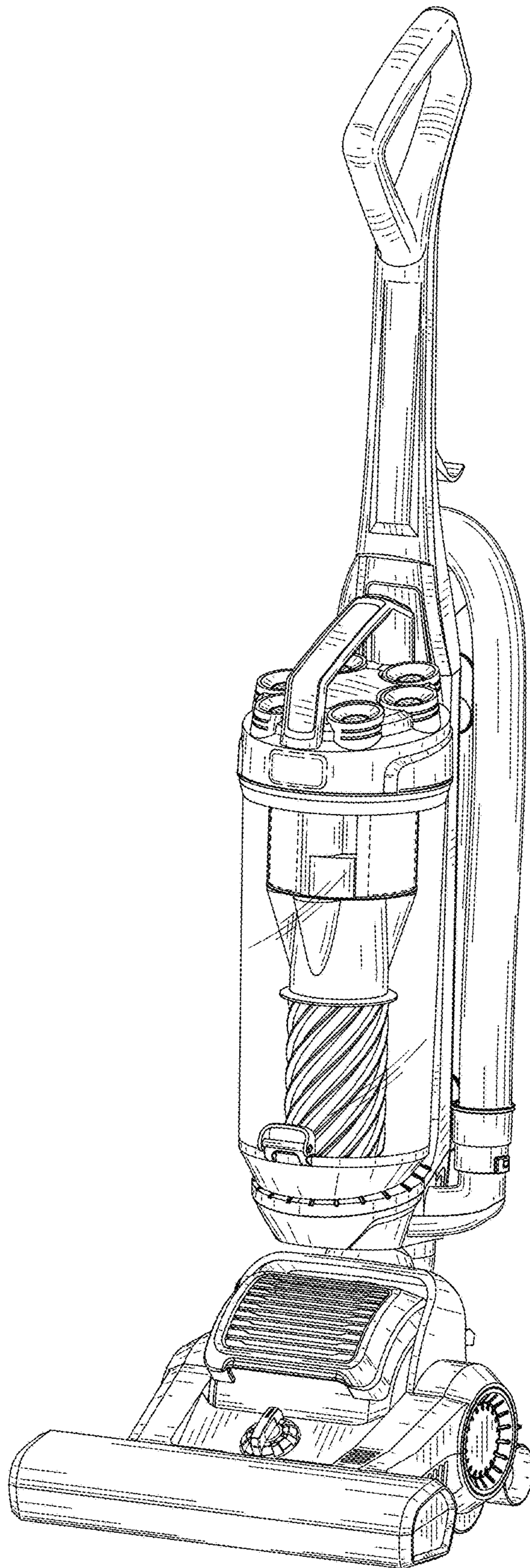


FIG. 1

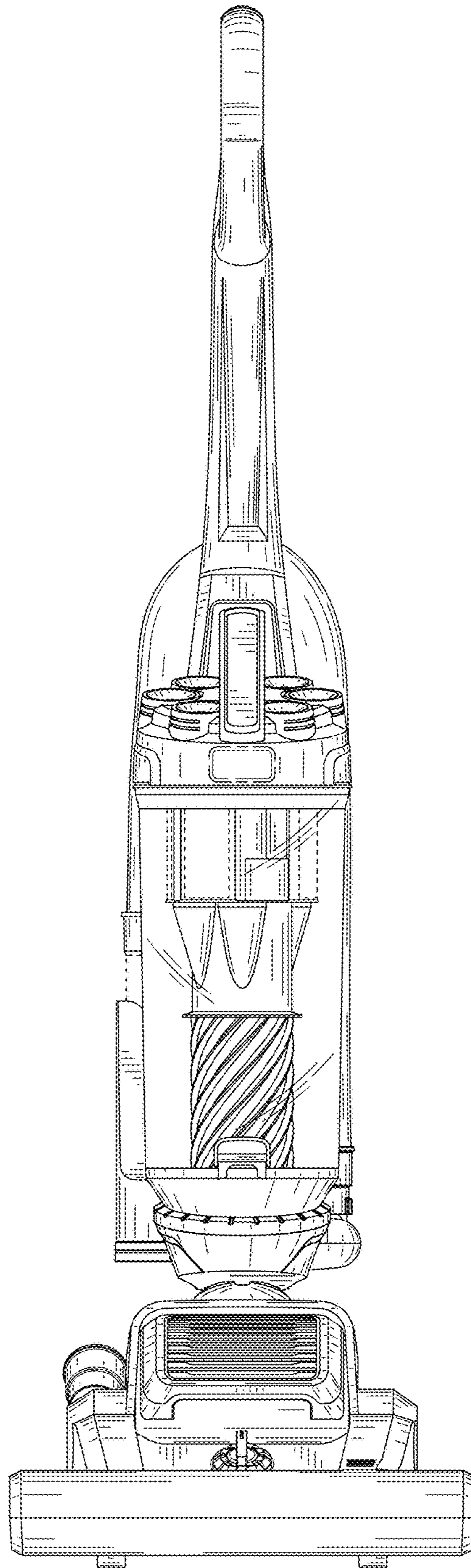


FIG. 2

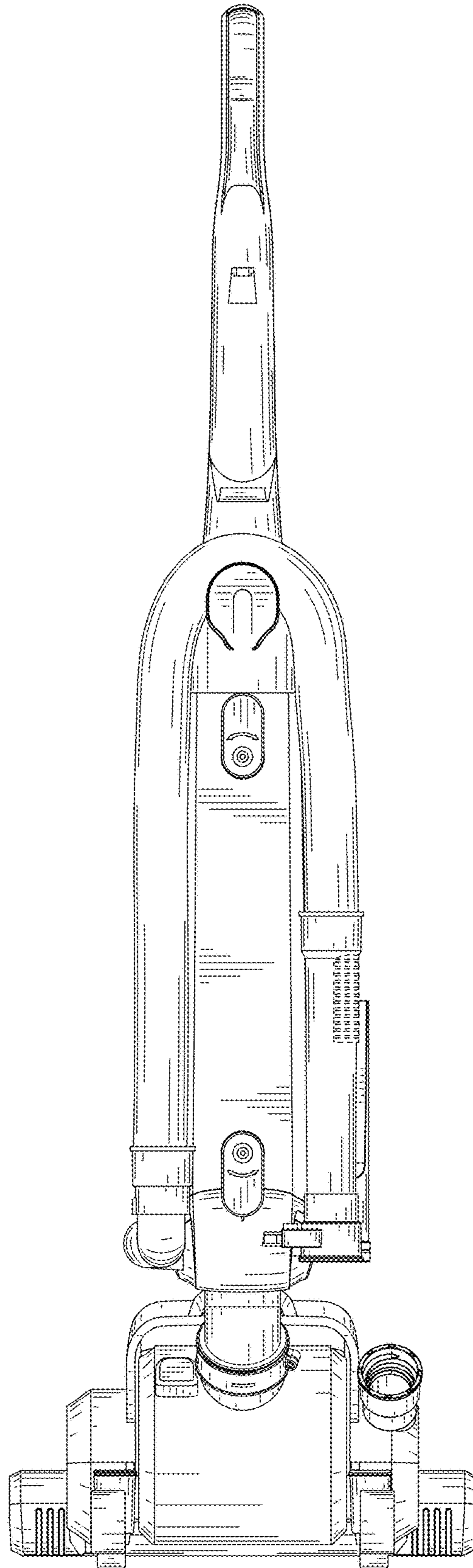


FIG. 3

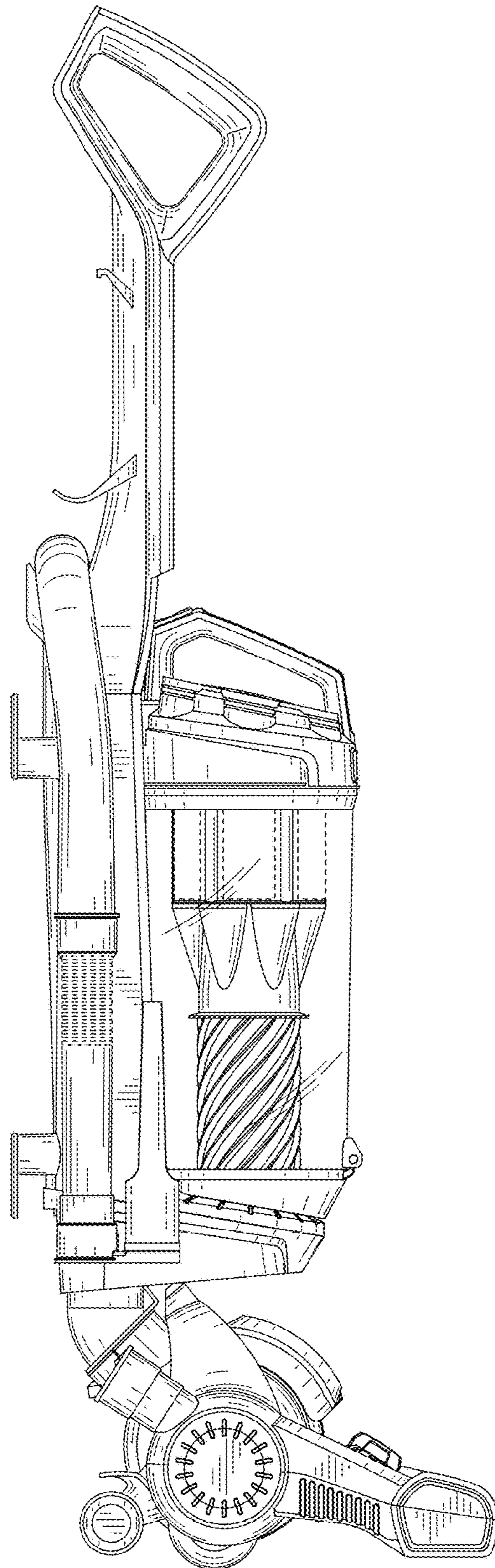


FIG. 4

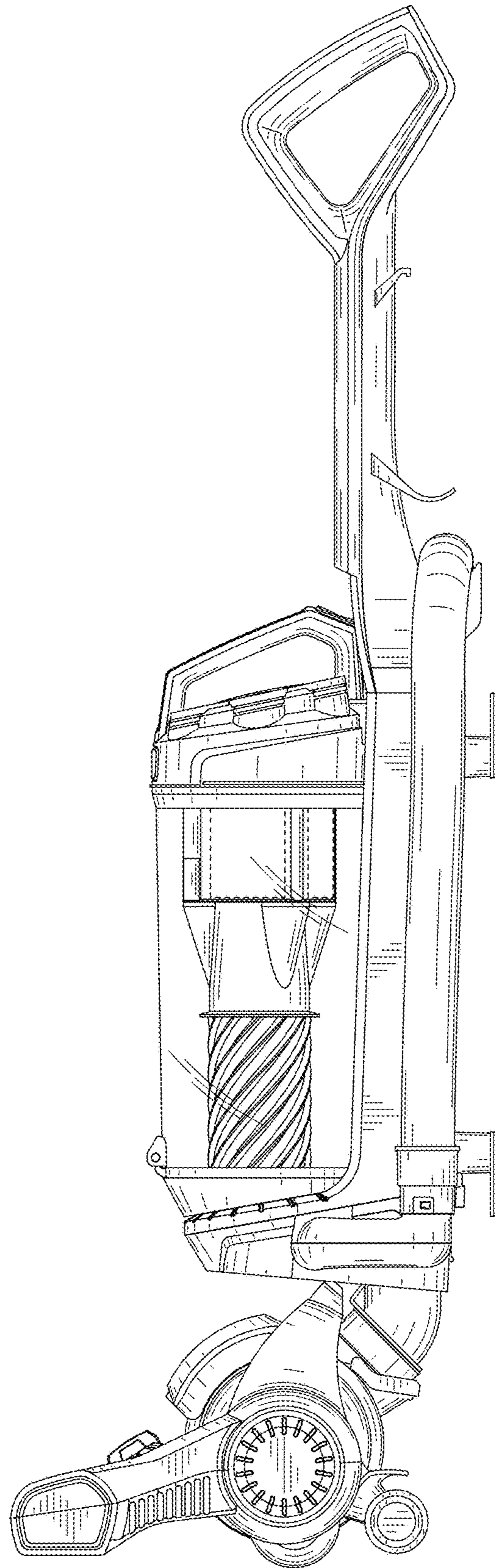


FIG. 5

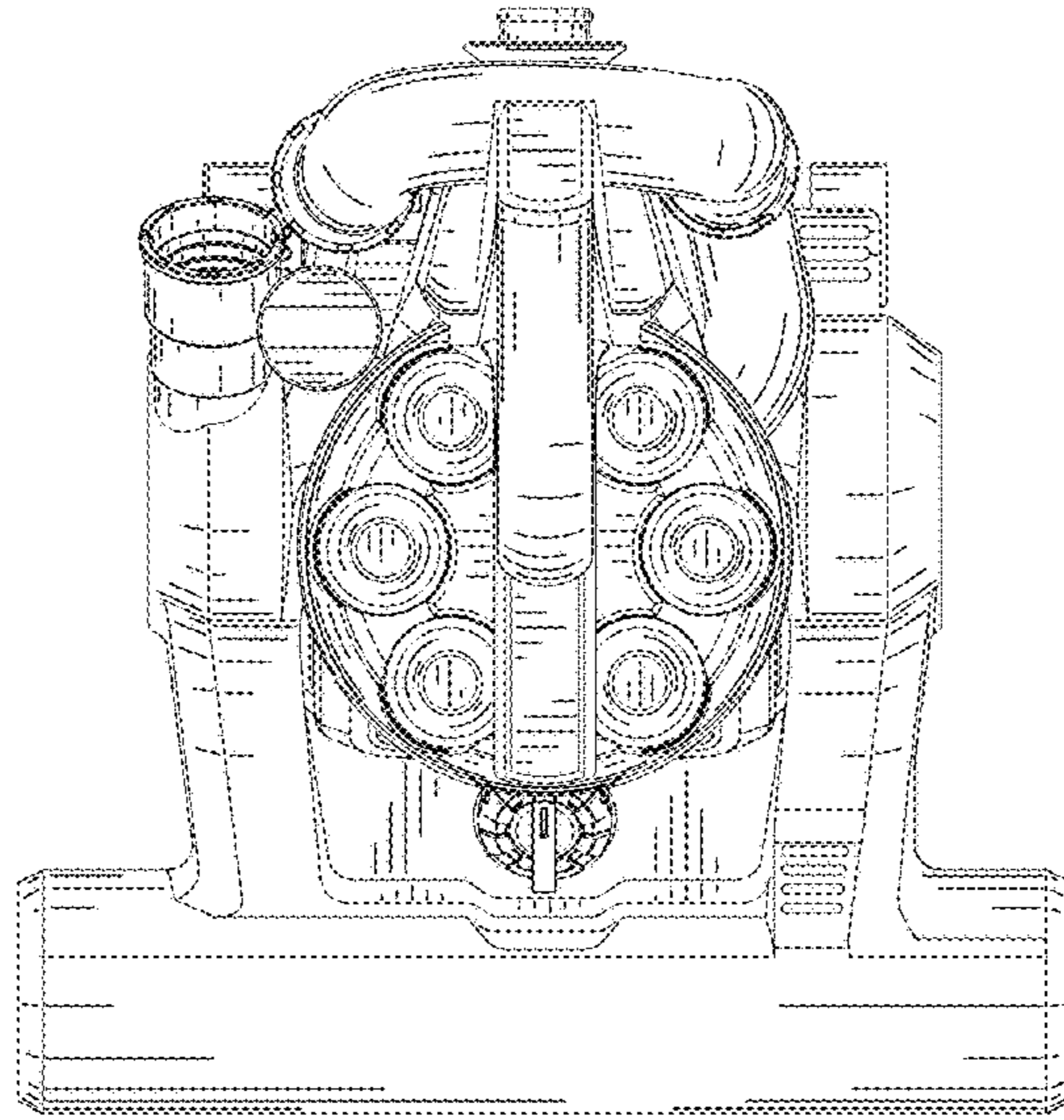


FIG. 6

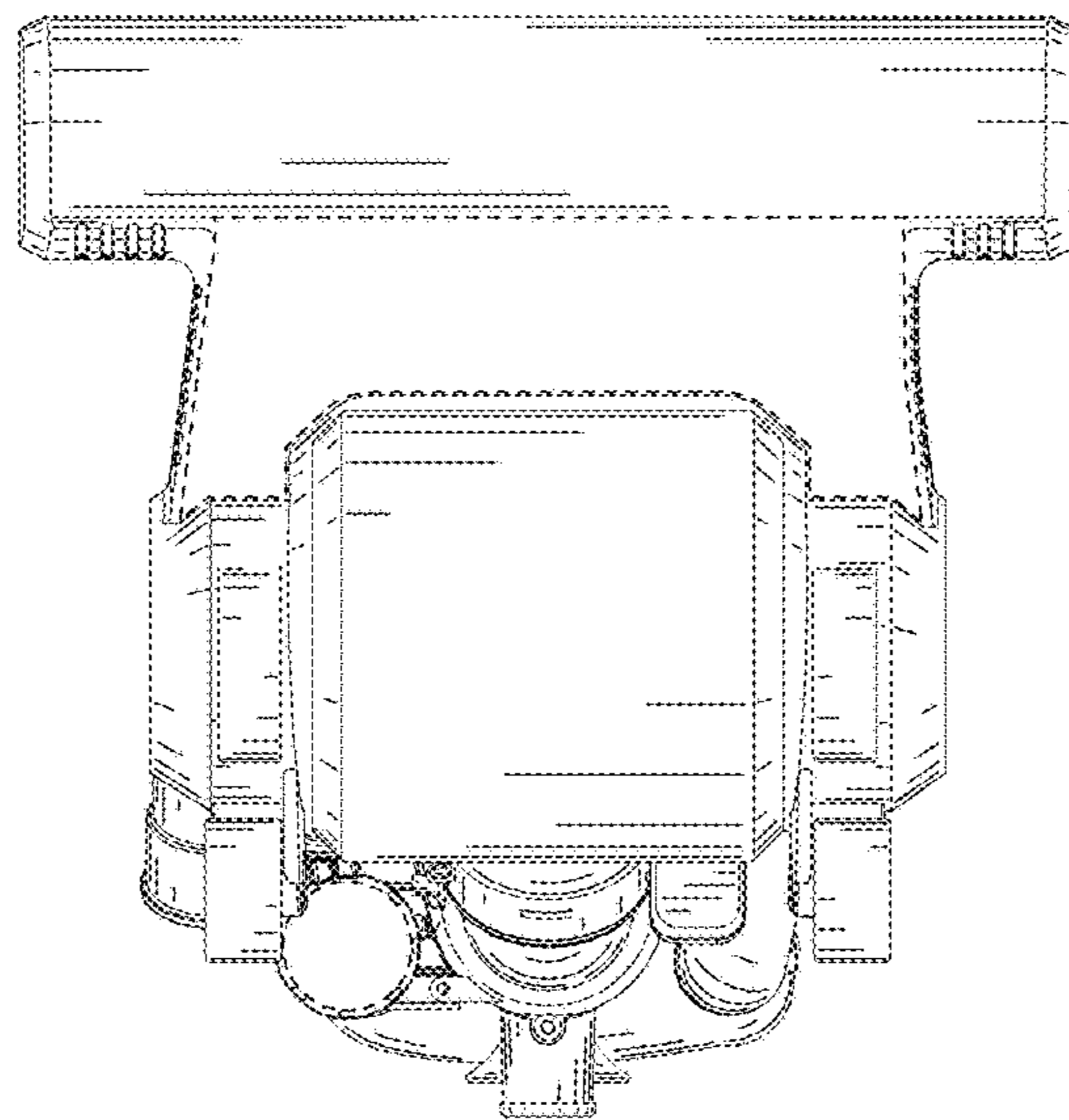


FIG. 7