



US00D714001S

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

(10) **Patent No.:** **US D714,001 S**
(45) **Date of Patent:** **** Sep. 23, 2014**

(54) **VACUUM CLEANER**

(71) Applicant: **Samsung Electronics Co., Ltd.**,
Suwon-si (KR)

(72) Inventors: **Deok-Sang Yun**, Ahnsan-Si (KR);
Yeon-Young Nam, Goyang-Si (KR);
Dong-Won Chun, Paju-Si (KR)

(73) Assignee: **Samsung Electronics Co., Ltd.**,
Suwon-si (KR)

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

(21) Appl. No.: **29/454,906**

(22) Filed: **May 15, 2013**

(30) **Foreign Application Priority Data**

Nov. 28, 2012 (KR) 30-2012-0056995

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

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

(58) **Field of Classification Search**
USPC D32/21, 23-24, 31; 15/327.1-327.7,
15/352, 353, 321, 347, 329; 55/429,
55/DIG. 3, 337; D12/204, 207, 209, 13,
D12/215; D21/563
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D445,226 S * 7/2001 Jupp D32/21
6,484,350 B2 * 11/2002 Yung 15/327.1

D534,696 S * 1/2007 Choi D32/21
D550,908 S * 9/2007 Shin D32/21
D550,909 S * 9/2007 Shin D32/21
D550,910 S * 9/2007 Shin D32/21
D552,310 S * 10/2007 Shin D32/21
D556,400 S * 11/2007 Houghton D32/21
7,555,808 B2 * 7/2009 Oh et al. 15/327.2
D646,030 S * 9/2011 Carr et al. D32/21
D646,031 S * 9/2011 Carr et al. D32/21
2002/0069476 A1 * 6/2002 Yung 15/352
2003/0208875 A1 * 11/2003 Ito et al. 15/327.2
2006/0101610 A1 * 5/2006 Oh et al. 15/327.2

* cited by examiner

Primary Examiner — Ruth McInroy

(74) *Attorney, Agent, or Firm* — NSIP Law

(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 front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left-side view thereof;
FIG. 5 is a right-side view thereof;
FIG. 6 is a top plan view thereof;
FIG. 7 is a bottom plan view thereof; and,
FIG. 8 is an enlarged partial perspective view of the wheel in FIG. 1.

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

1 Claim, 8 Drawing Sheets

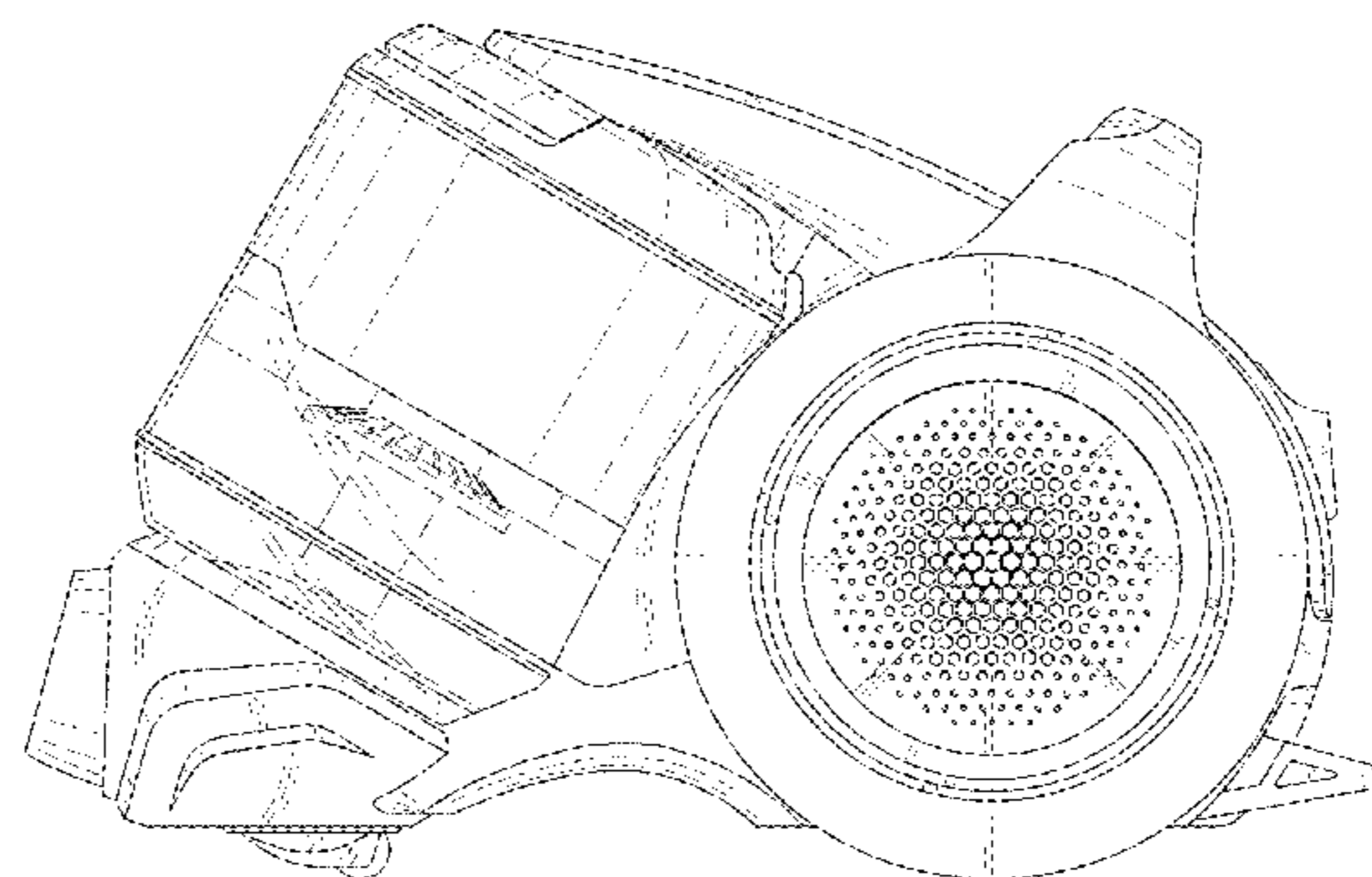
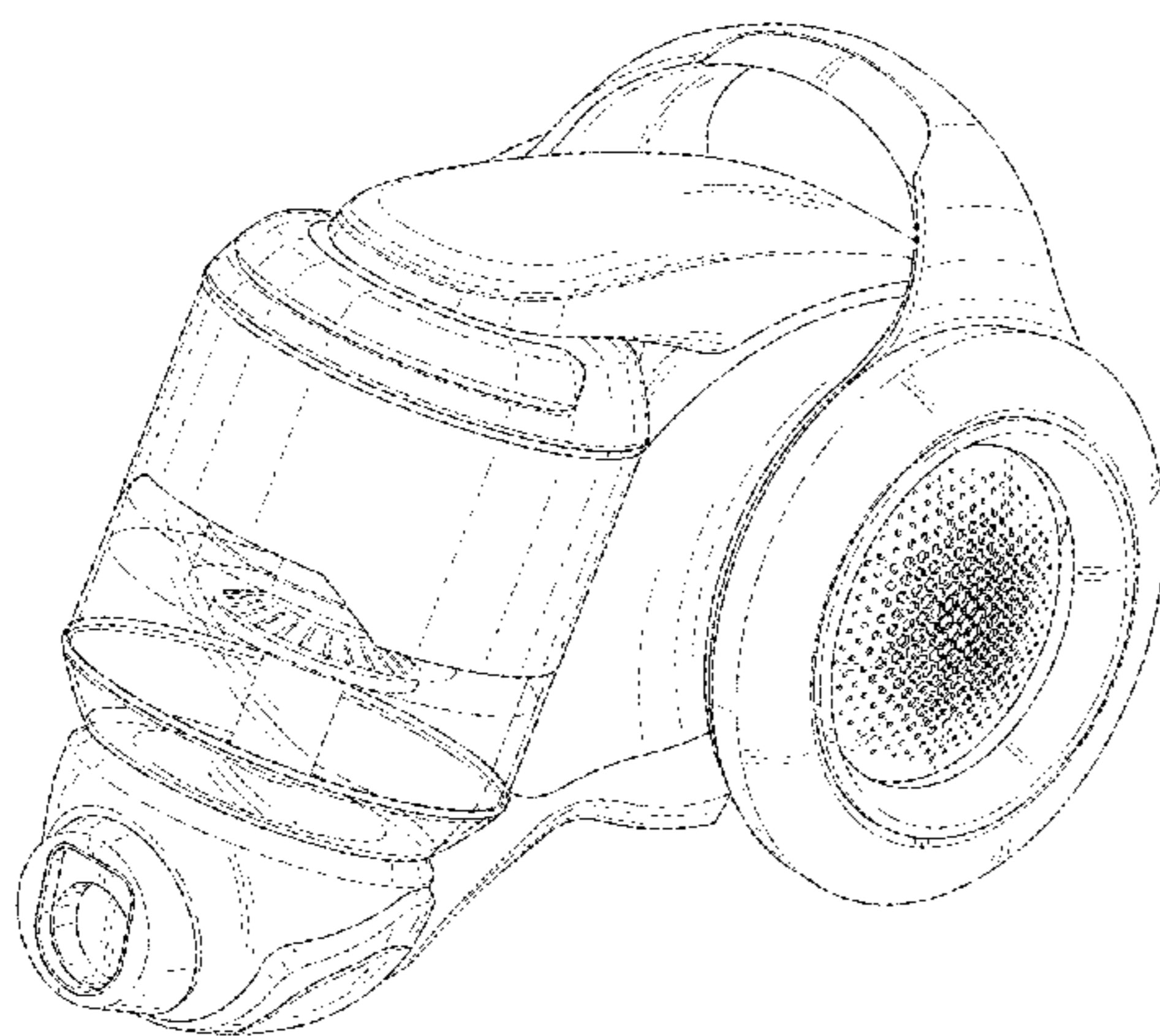


FIG. 1

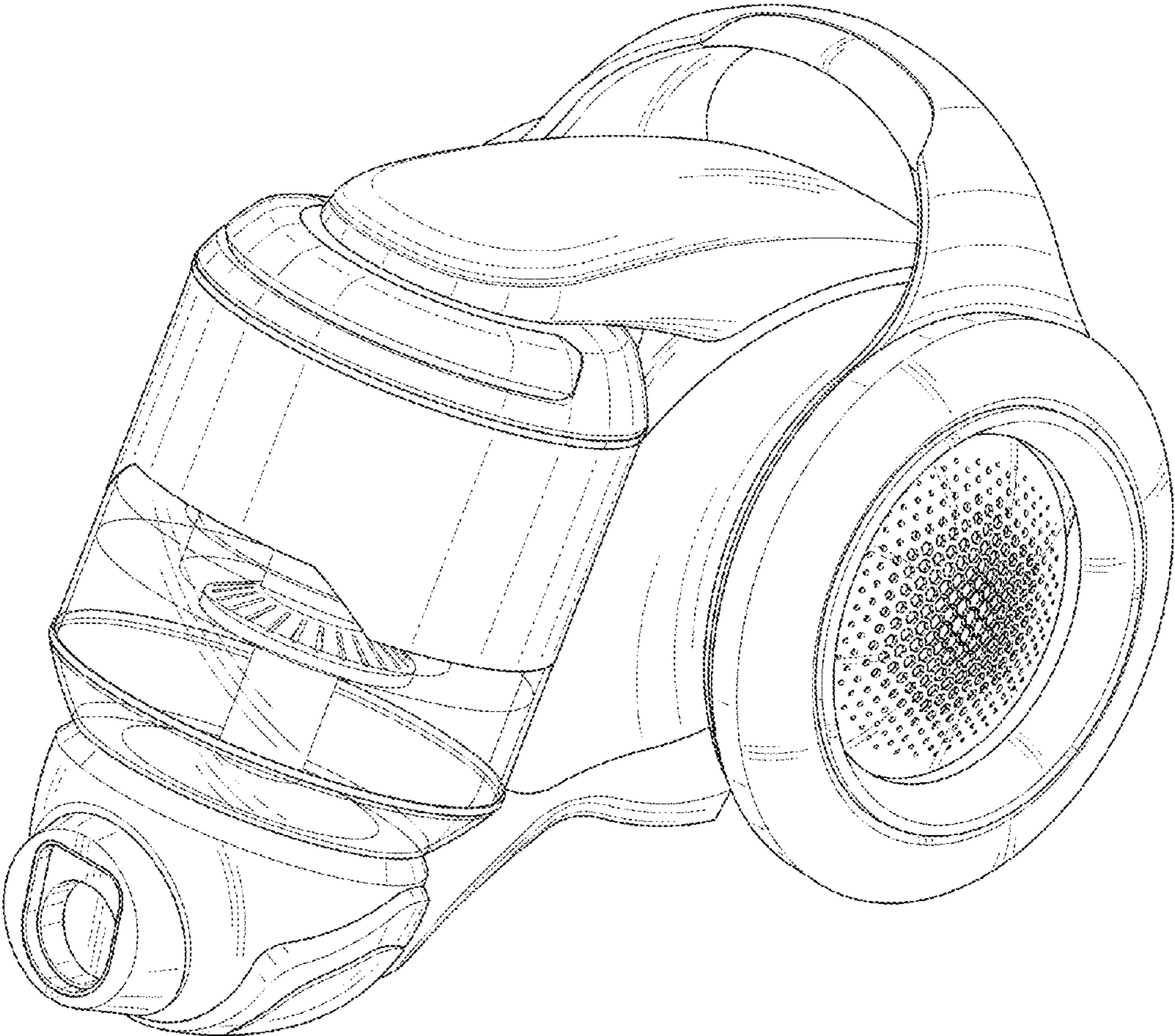


FIG. 2

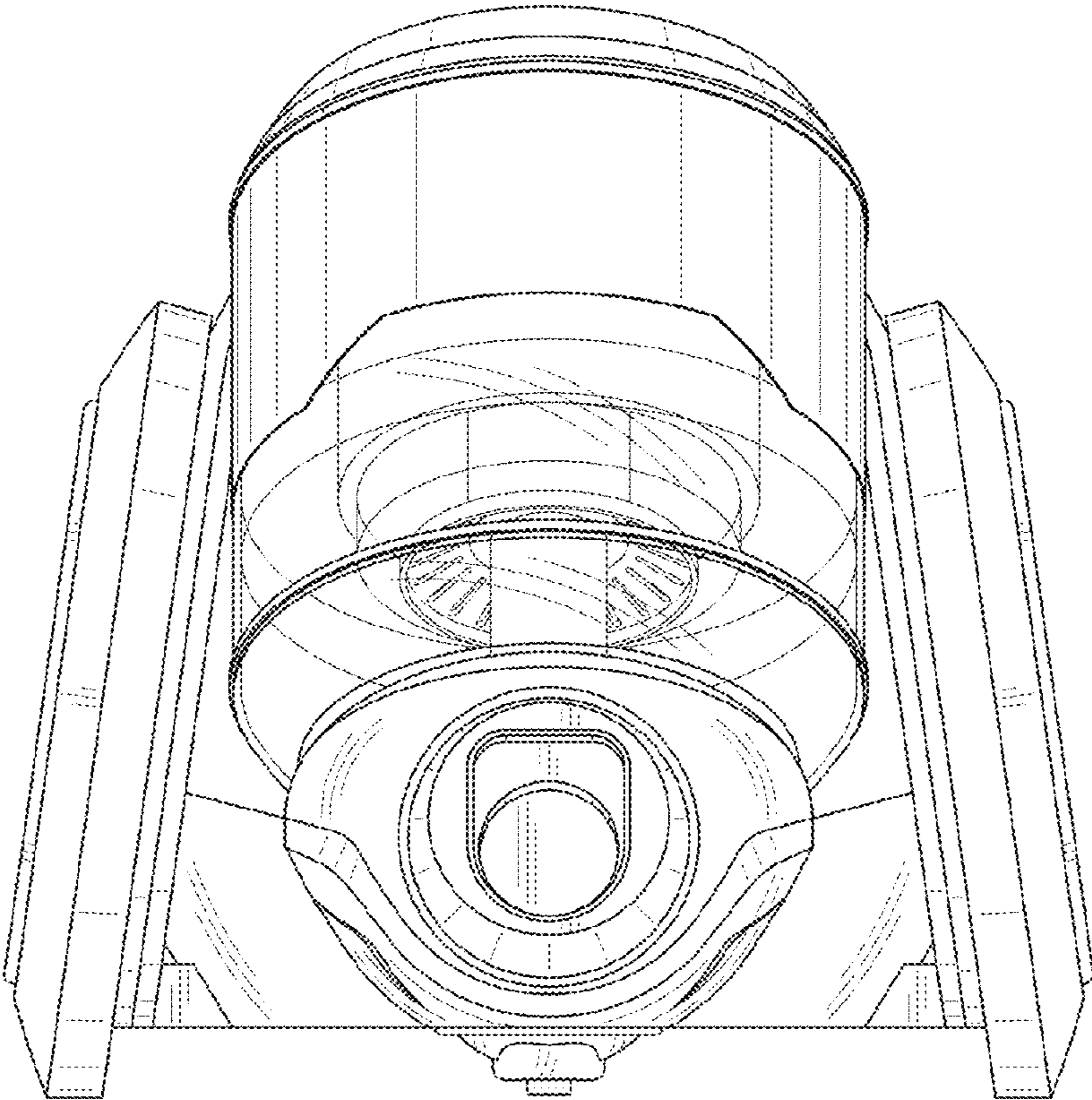


FIG. 3

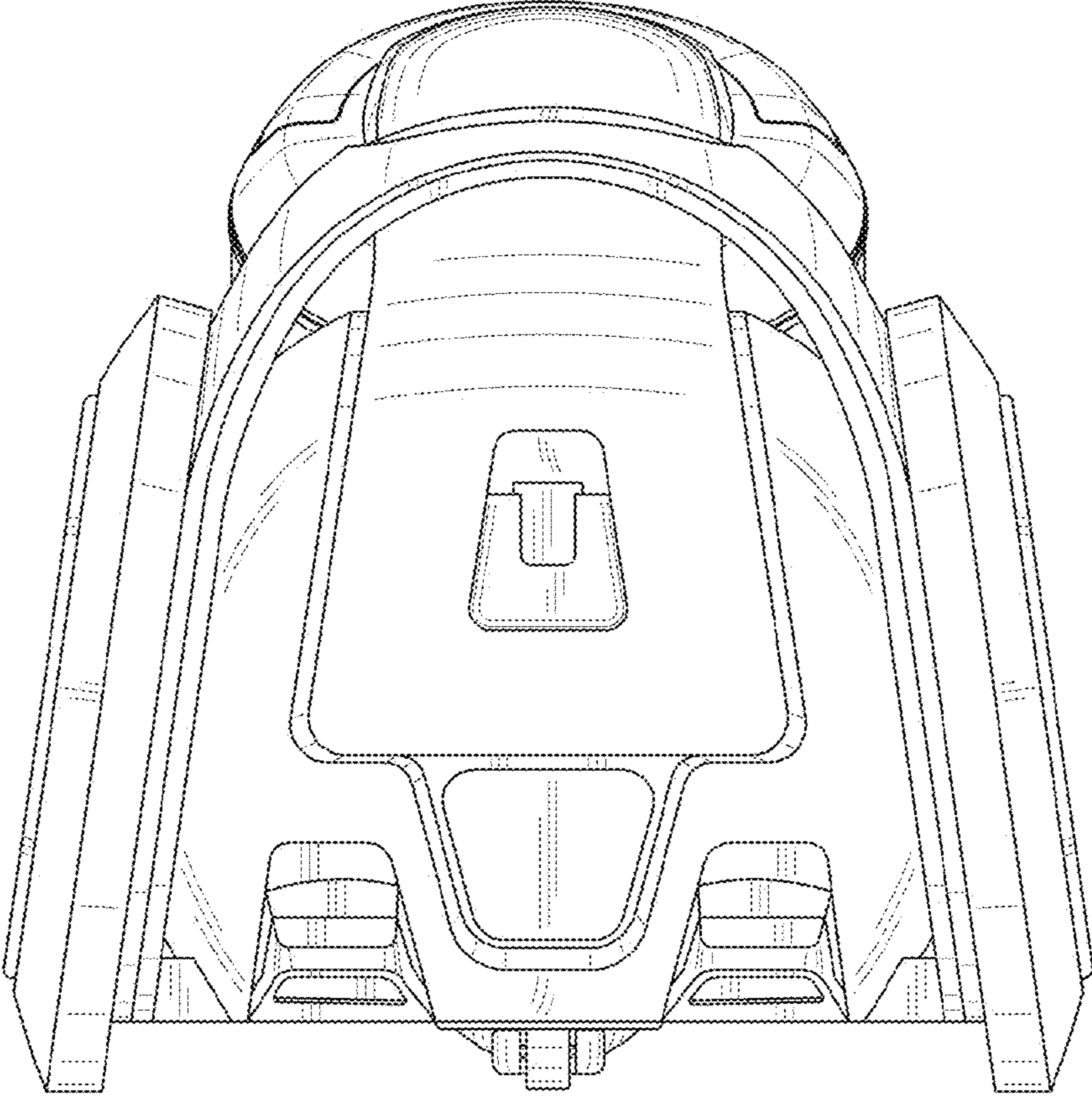


FIG. 4

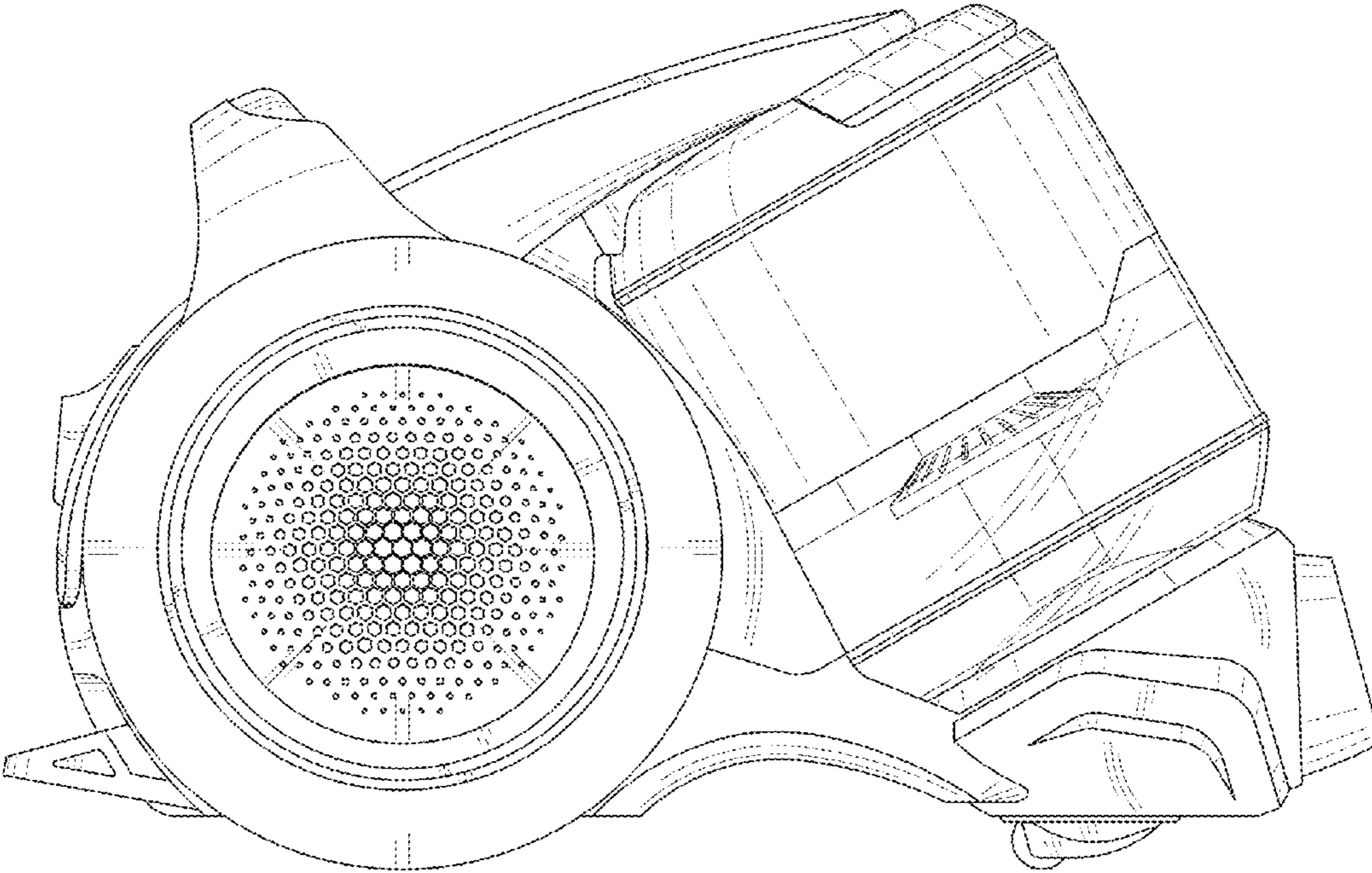


FIG. 5

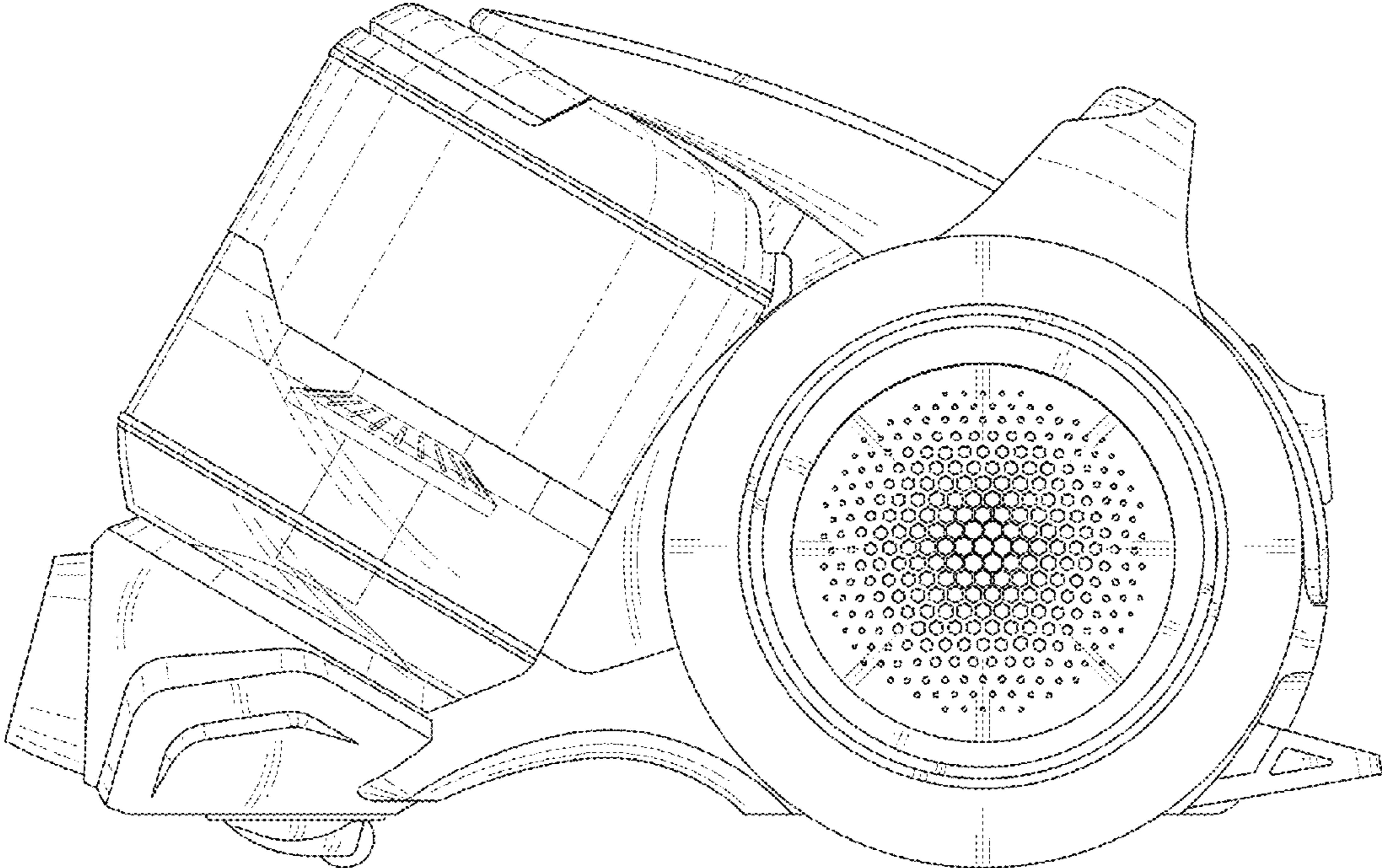


FIG. 6

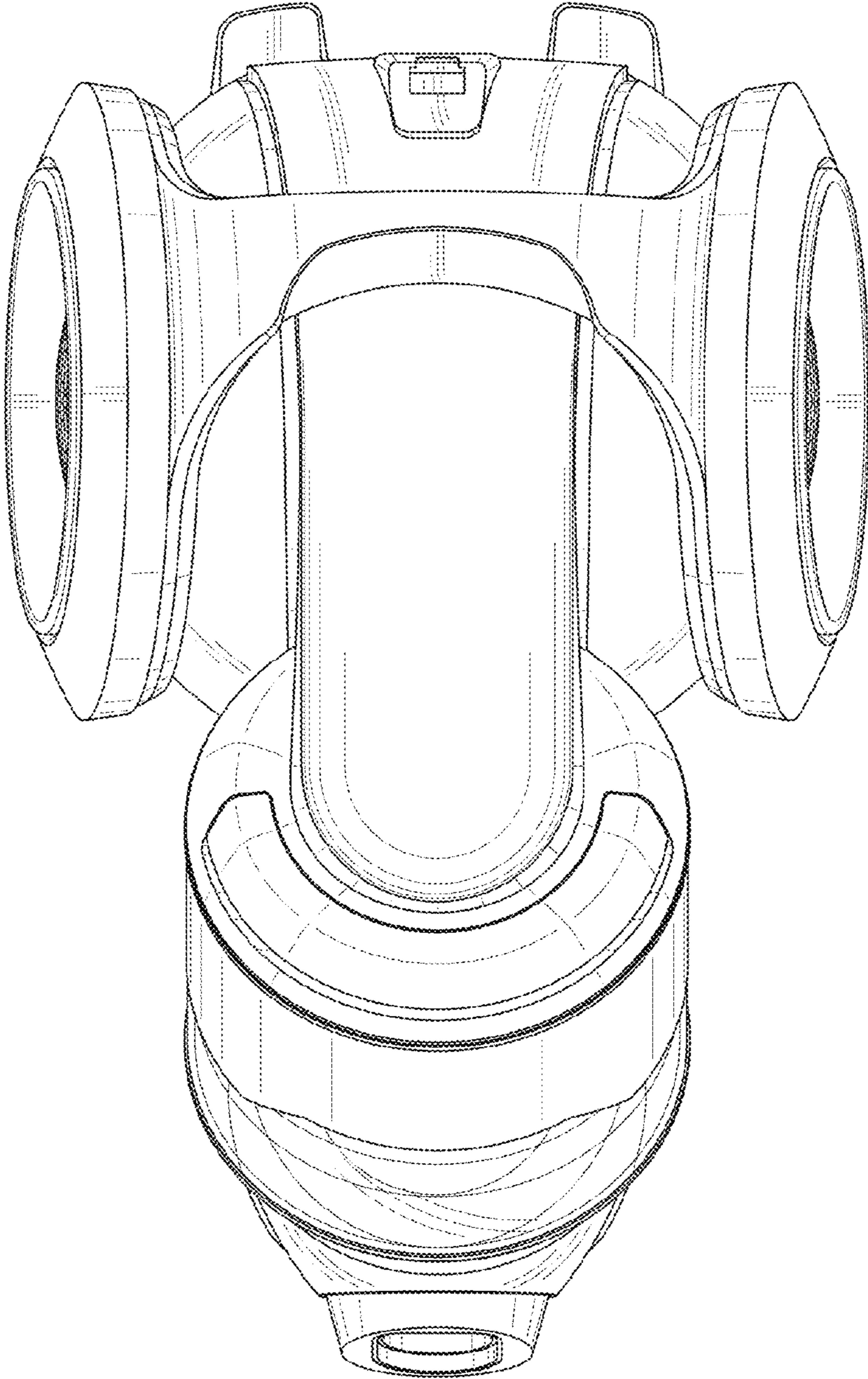


FIG. 7

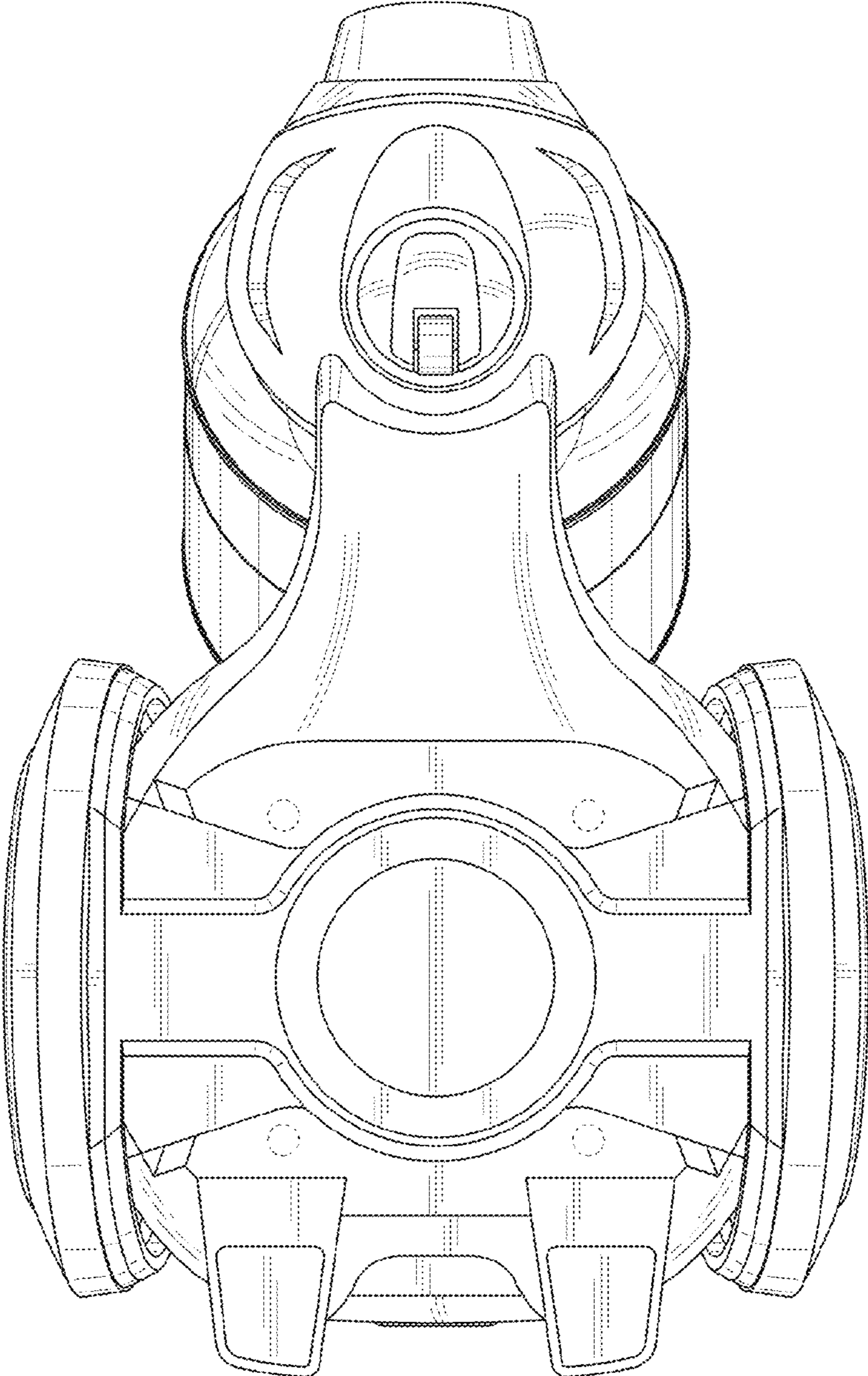


FIG. 8

