

US00D950867S

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

(10) **Patent No.:** **US D950,867 S**

(45) **Date of Patent:** **** May 3, 2022**

(54) **DUST EXTRACTOR**

(71) Applicant: **JPL GLOBAL, LLC**, Perris, CA (US)

(72) Inventor: **Paul W. Guth**, Perris, CA (US)

(73) Assignee: **JPL GLOBAL, LLC**, Perris, CA (US)

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

(21) Appl. No.: **29/717,287**

(22) Filed: **Dec. 16, 2019**

(51) **LOC (13) Cl.** **15-05**

(52) **U.S. Cl.**

USPC **D32/21**

(58) **Field of Classification Search**

USPC D32/21, 24, 31; D3/276, 294; D13/109;
D15/144; D21/526

CPC ... A47L 5/24; A47L 5/32; A47L 5/365; A47L
7/0004; A47L 7/0019; A47L 9/0009;
A47L 9/0036; A47L 9/127; A47L 9/1409;
A47L 9/1683; A47L 9/22; A47L 9/242;
A47L 9/28; A47L 9/32; A47L 9/325;
A47L 11/30; A47L 11/4044; B01D
2279/55; B04C 5/185; B23Q 11/0046;
E04H 4/1636

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D134,818 S *	1/1943	Fletcher	.....	D13/109
D224,624 S *	8/1972	Walz	.....	D32/23
D230,693 S *	3/1974	Wachsman	.....	D32/23
D333,890 S *	3/1993	Oberdorfer-Bogel	.....	D32/23
D334,258 S *	3/1993	Oberdorfer-Bogel	.....	D32/23
D459,040 S *	6/2002	Oh	.....	D32/21
D560,864 S *	1/2008	Luke	.....	D32/23
D667,597 S *	9/2012	Dammkoehler	.....	D32/21
D675,795 S *	2/2013	Jin	.....	D32/21
D709,256 S *	7/2014	Dyson	.....	D32/31
D712,101 S *	8/2014	Elmer	.....	D32/21
D715,505 S *	10/2014	Dammkoehler	.....	D32/21

(Continued)

FOREIGN PATENT DOCUMENTS

KR 300763348.0000 * 9/2014
WO D209847-001 * 8/2020

OTHER PUBLICATIONS

IQ426HEPA—Dust Extractor with Cyclones Picks up 50 lbs of Drywall Dust in 30 Seconds, announced in YouTube on Oct. 3, 2019 [online], [site visited Jun. 25, 2021], Available from the internet URL: <https://youtu.be/s78ZZZIM9Ts> (Year: 2019).*

(Continued)

Primary Examiner — Dana K Weiland

Assistant Examiner — Jennylou M Binas

(74) *Attorney, Agent, or Firm* — Loza & Loza, LLP;
Heidi L. Eisenhut

(57) **CLAIM**

The ornamental design for a dust extractor, as shown and described.

DESCRIPTION

FIG. 1 is a front top right perspective of a dust extractor of the present invention;

FIG. 2 is a rear bottom left perspective of the dust extractor of FIG. 1;

FIG. 3 is a right side elevation of the dust extractor of FIG. 1;

FIG. 4 is a left side elevation of the dust extractor of FIG. 1;

FIG. 5 is a front elevation of the dust extractor of FIG. 1;

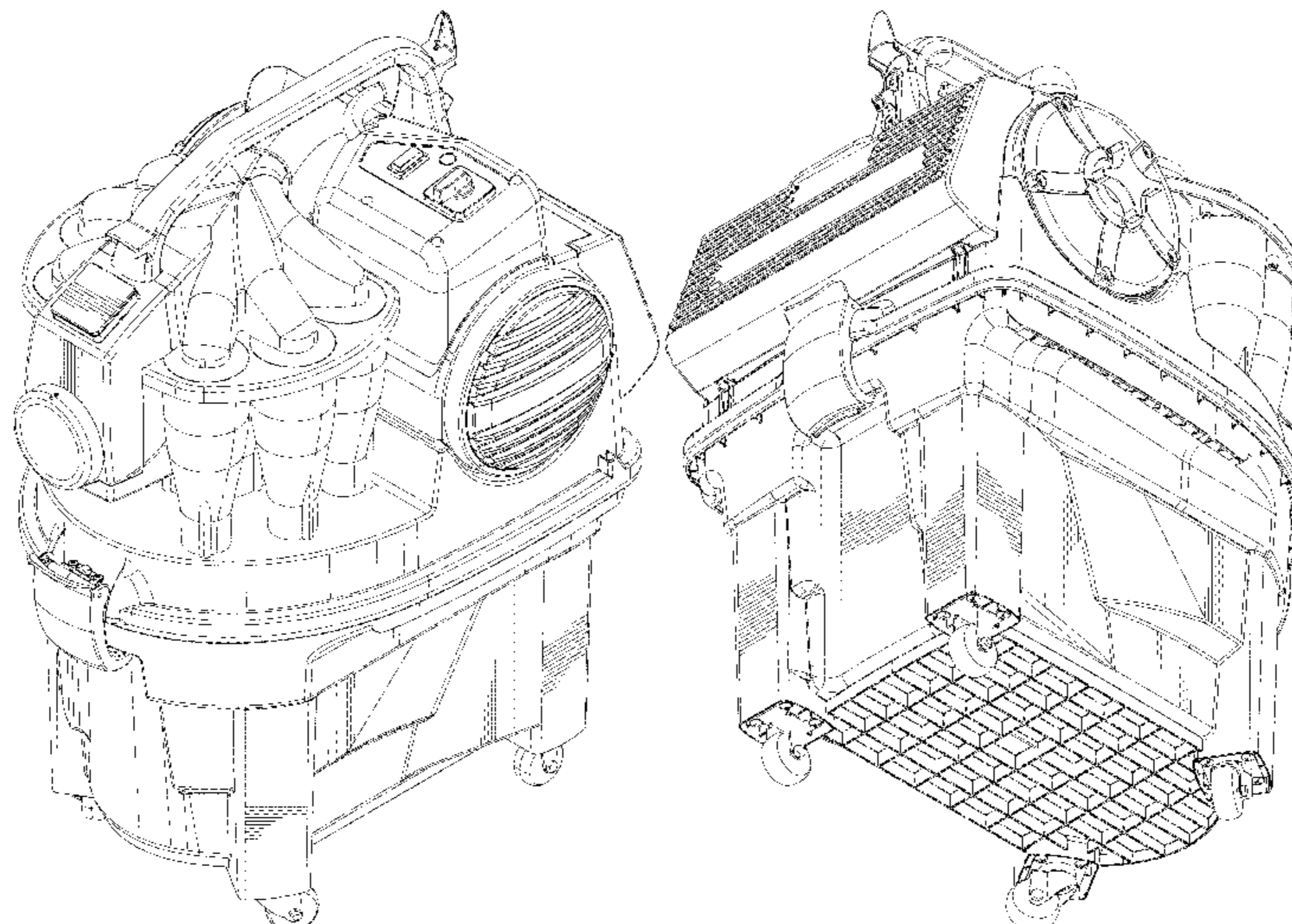
FIG. 6 is a rear elevation of the dust extractor of FIG. 1;

FIG. 7 is a top plan view of the dust extractor of FIG. 1; and,

FIG. 8 is a bottom plan view of the dust extractor of FIG. 1.

The broken lines depict portions of the dust extractor that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D741,558 S * 10/2015 Kerr D32/21
D746,523 S * 12/2015 Jin D32/21
D830,014 S * 10/2018 Jin D32/21
D920,607 S * 5/2021 Del Toro D32/18

OTHER PUBLICATIONS

LG R9 CordZero ThinQ Robot Vacuum, announced in YouTube on Mar. 20, 2019 [online], [site visited Jul. 9, 2021], https://www.youtube.com/watch?v=kAe-r_V2Ujk&feature=youtu.be (Year: 2019).*

* cited by examiner

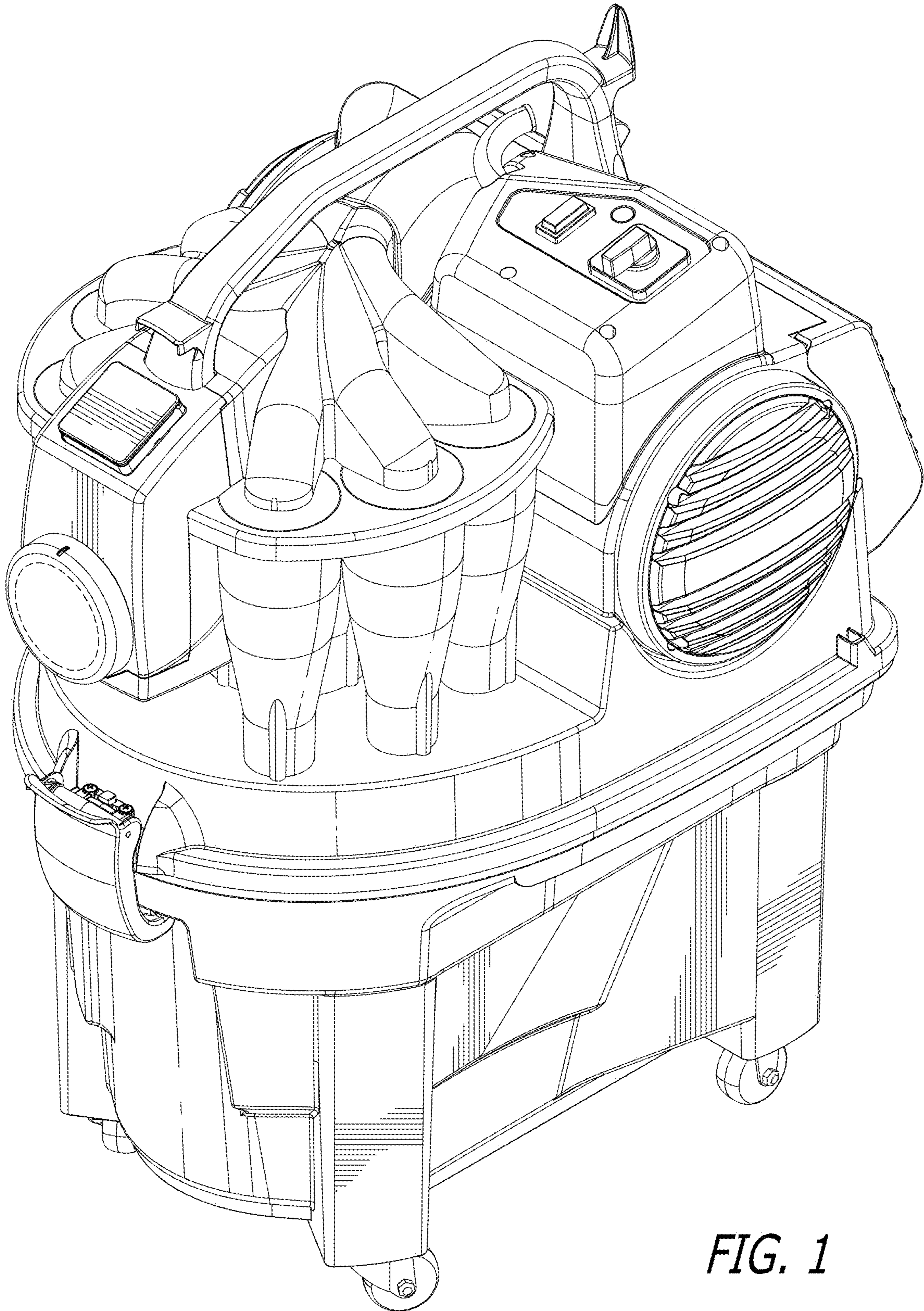


FIG. 1

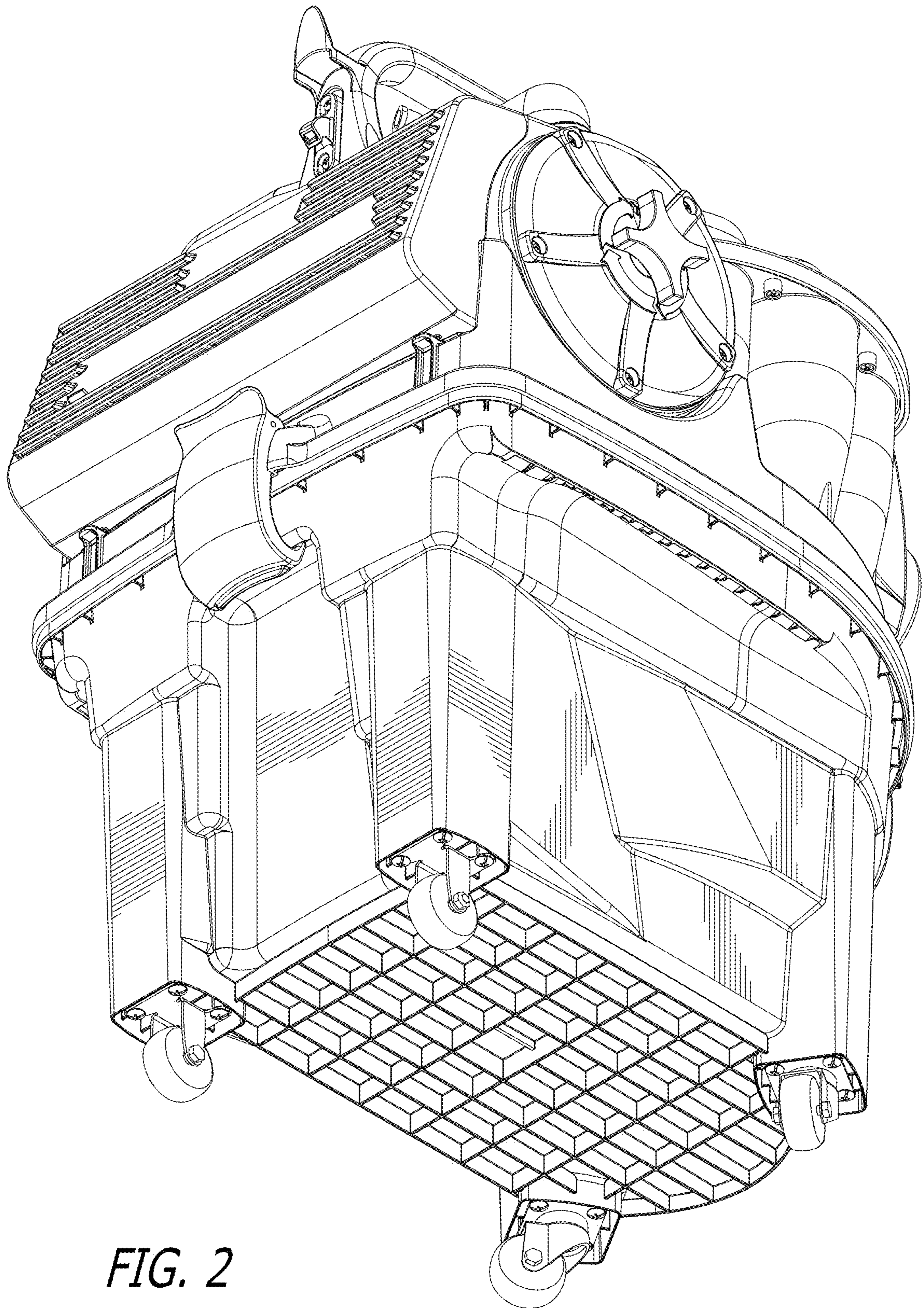


FIG. 2

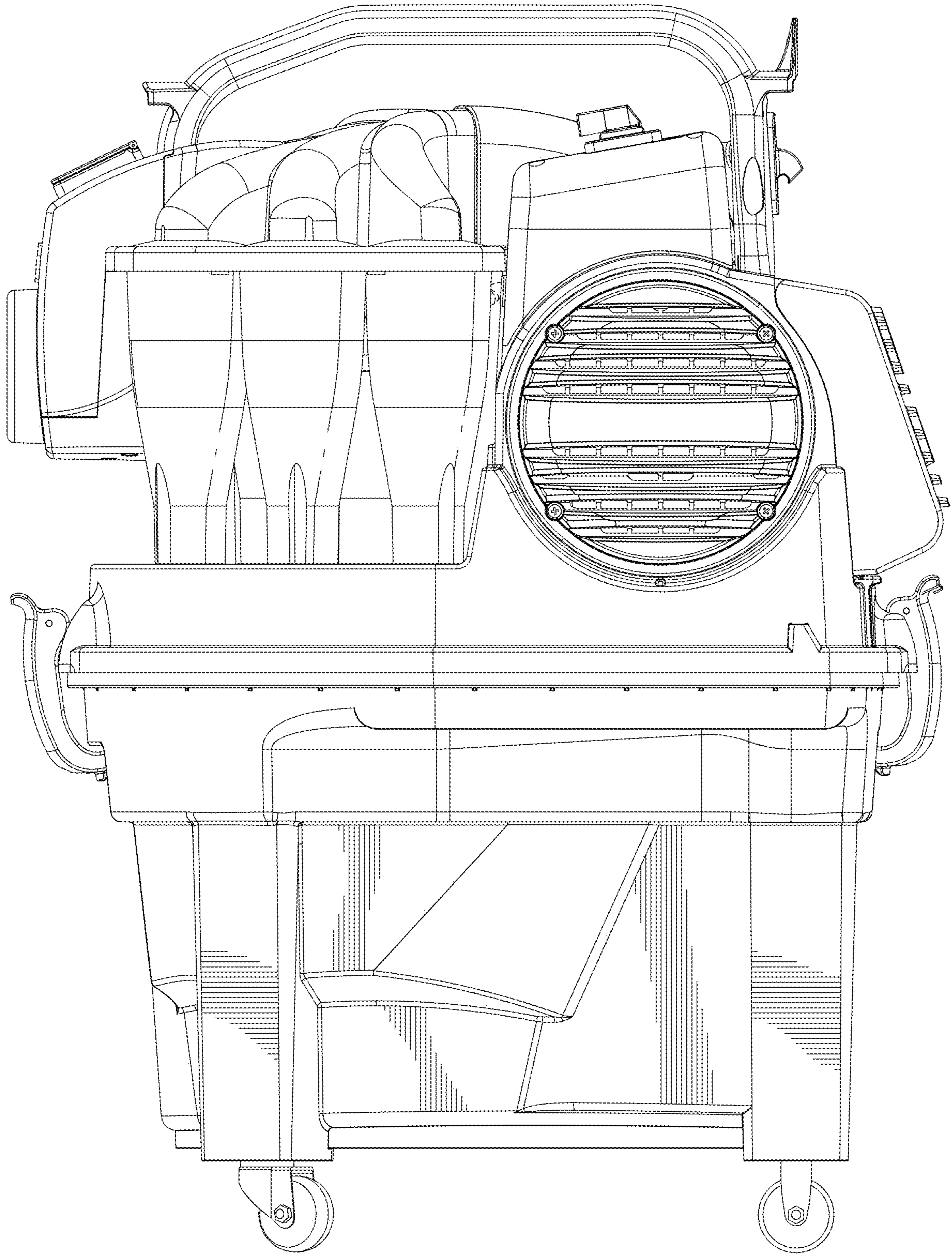


FIG. 3

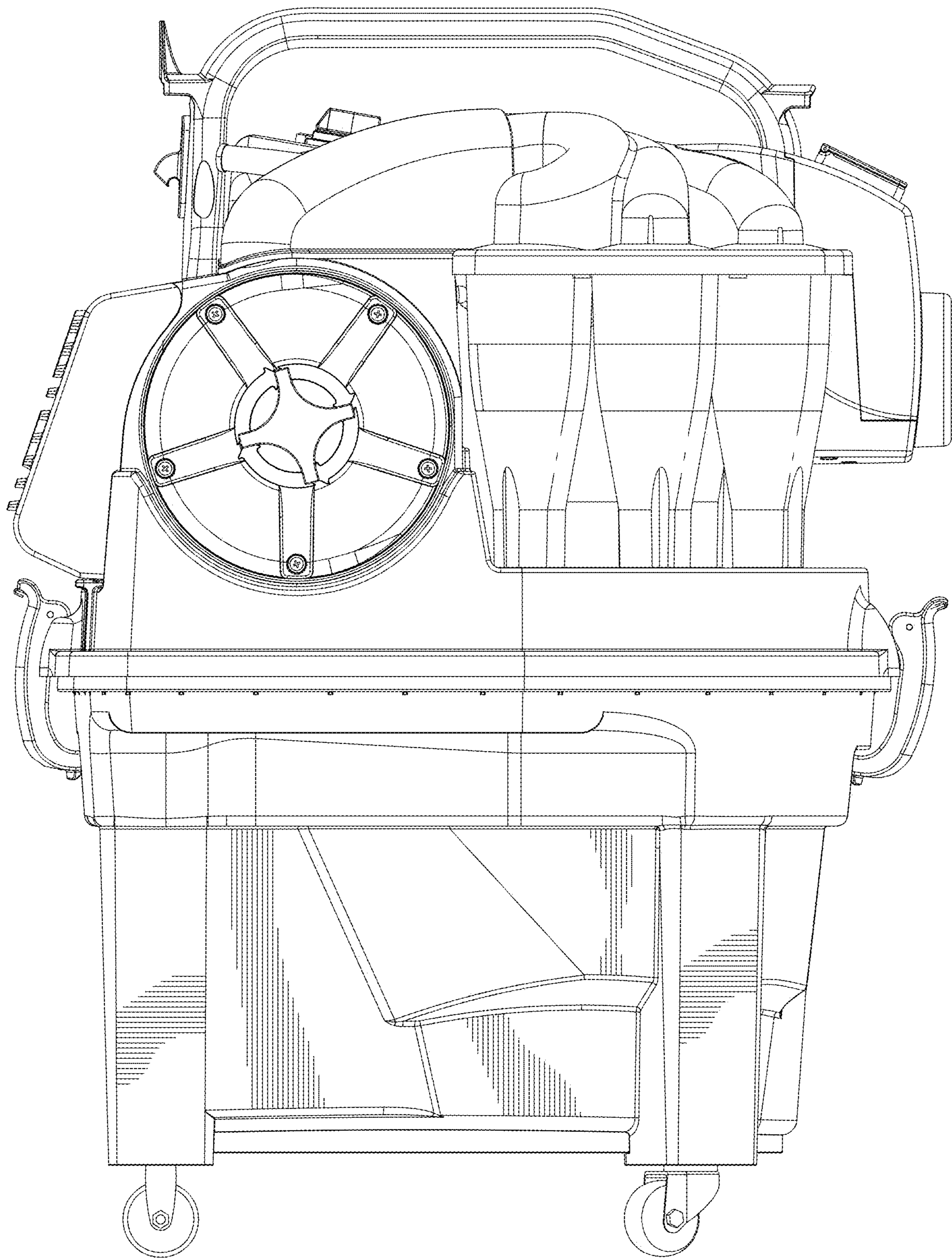


FIG. 4

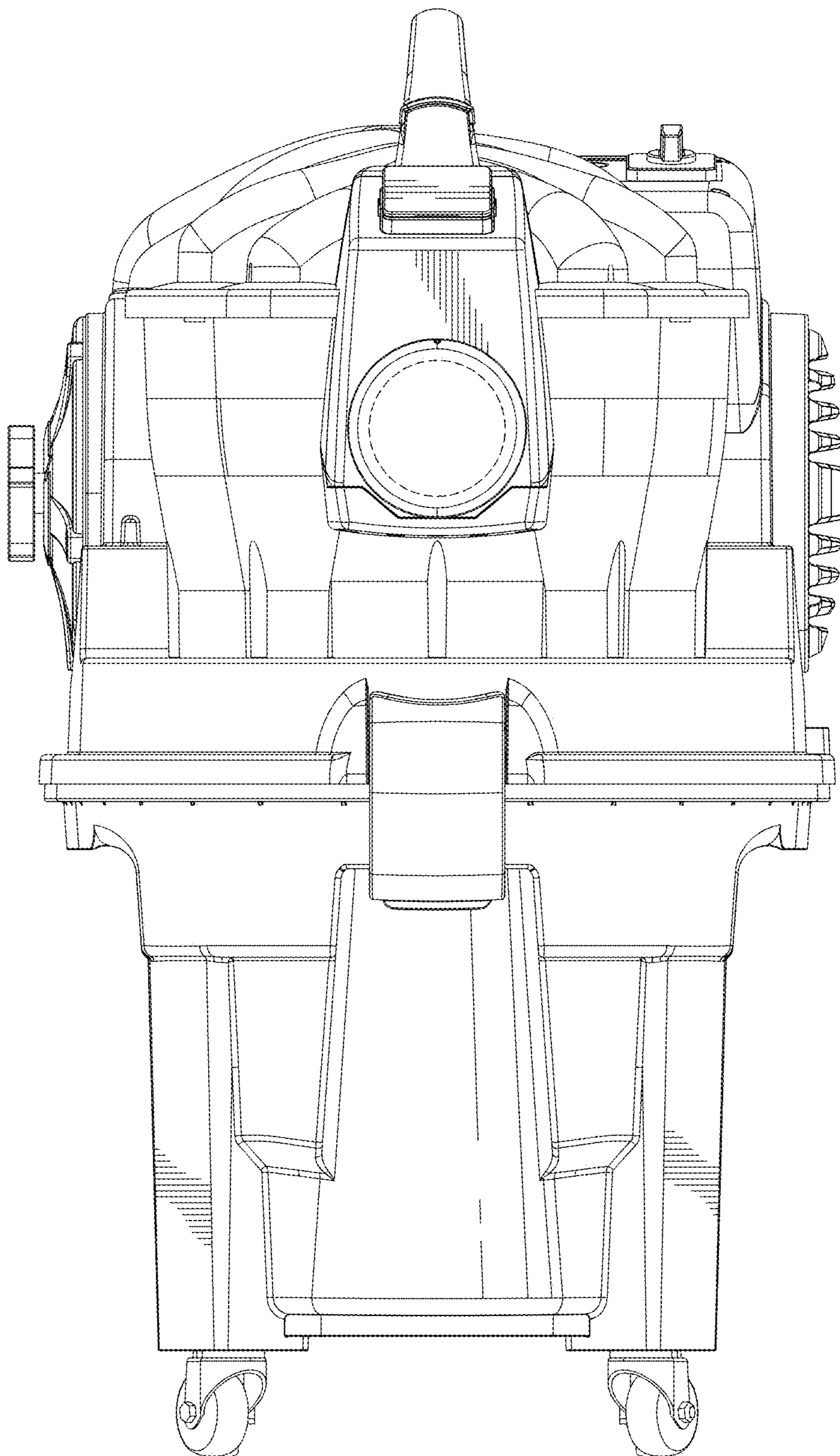


FIG. 5

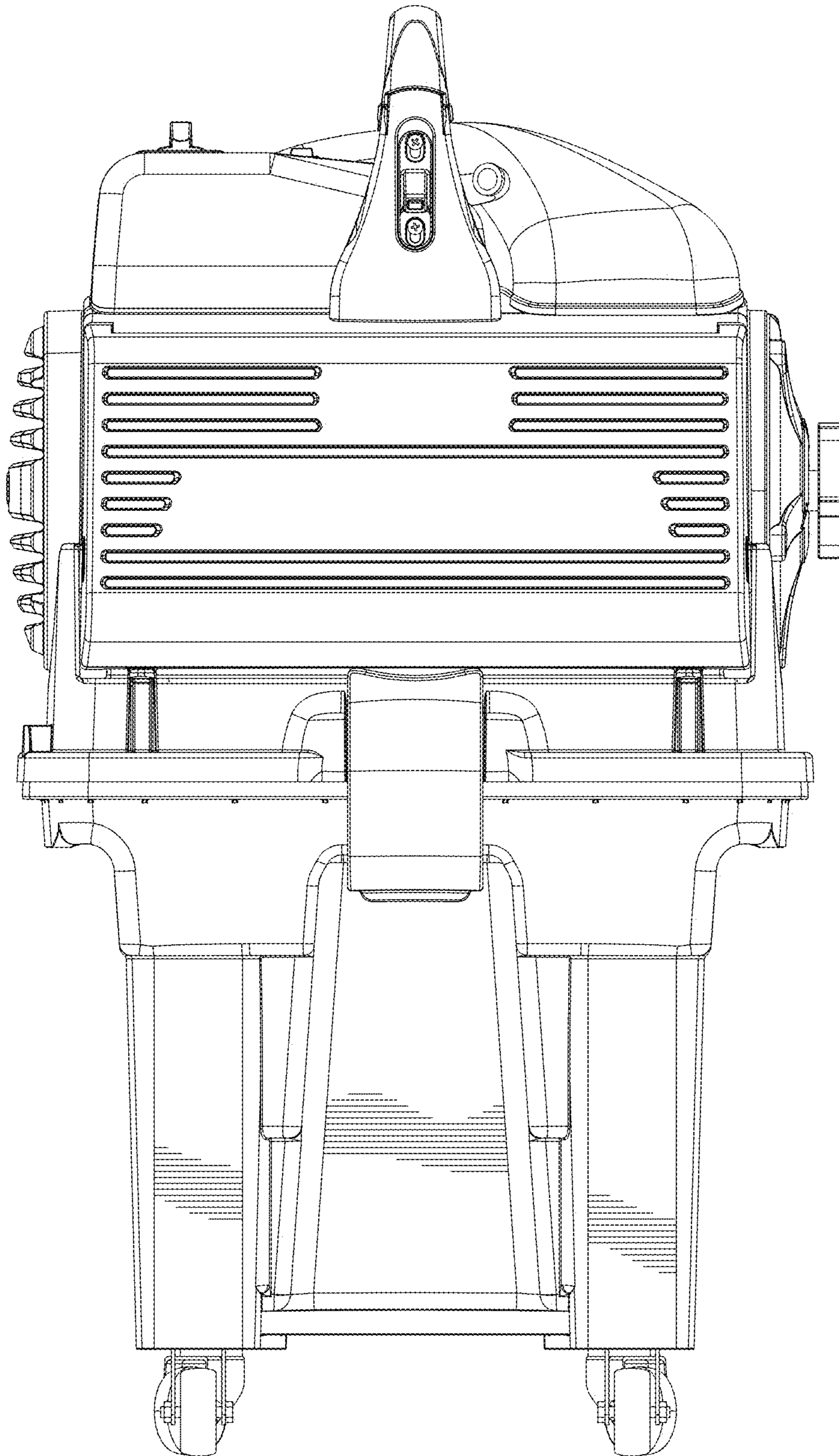


FIG. 6

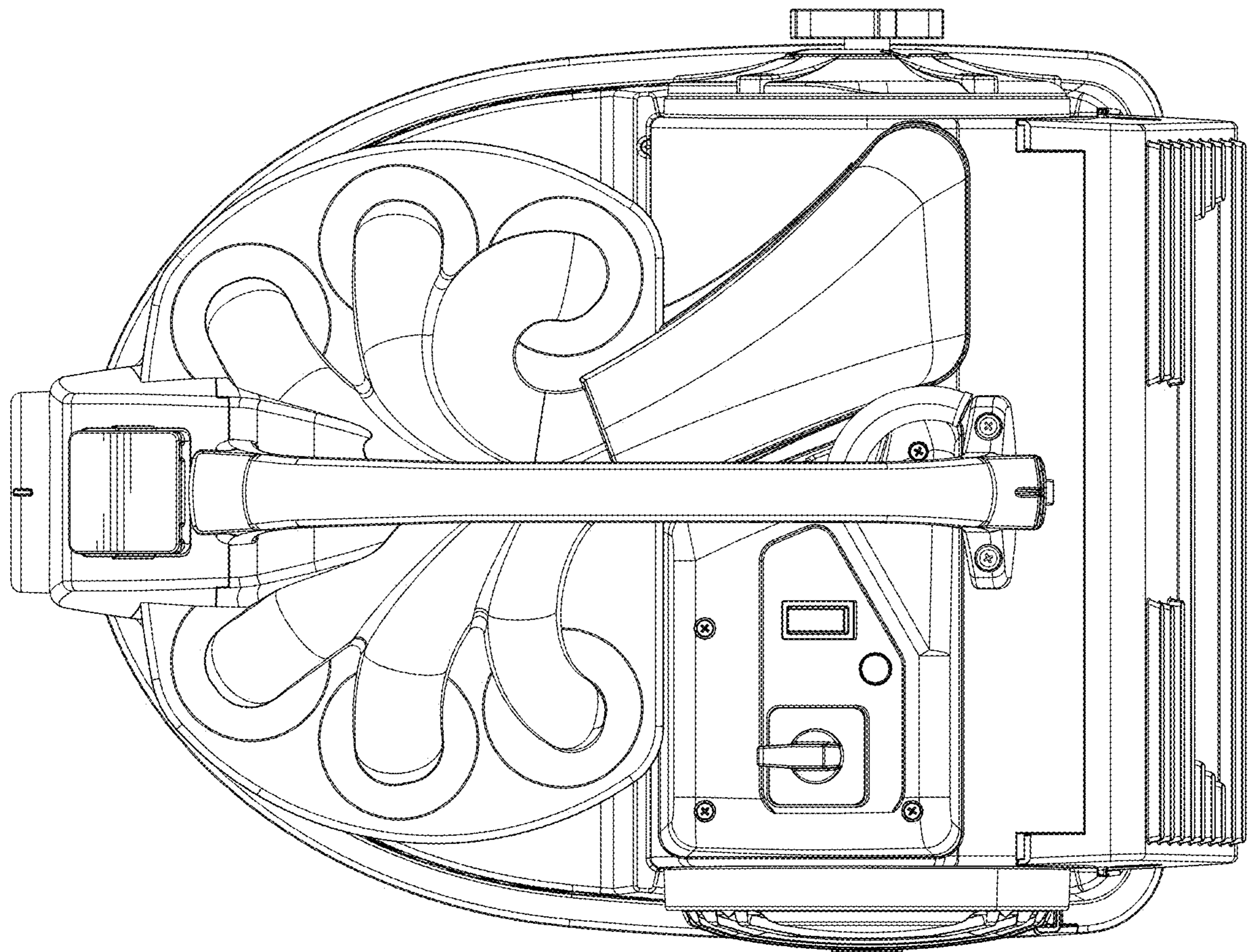


FIG. 7

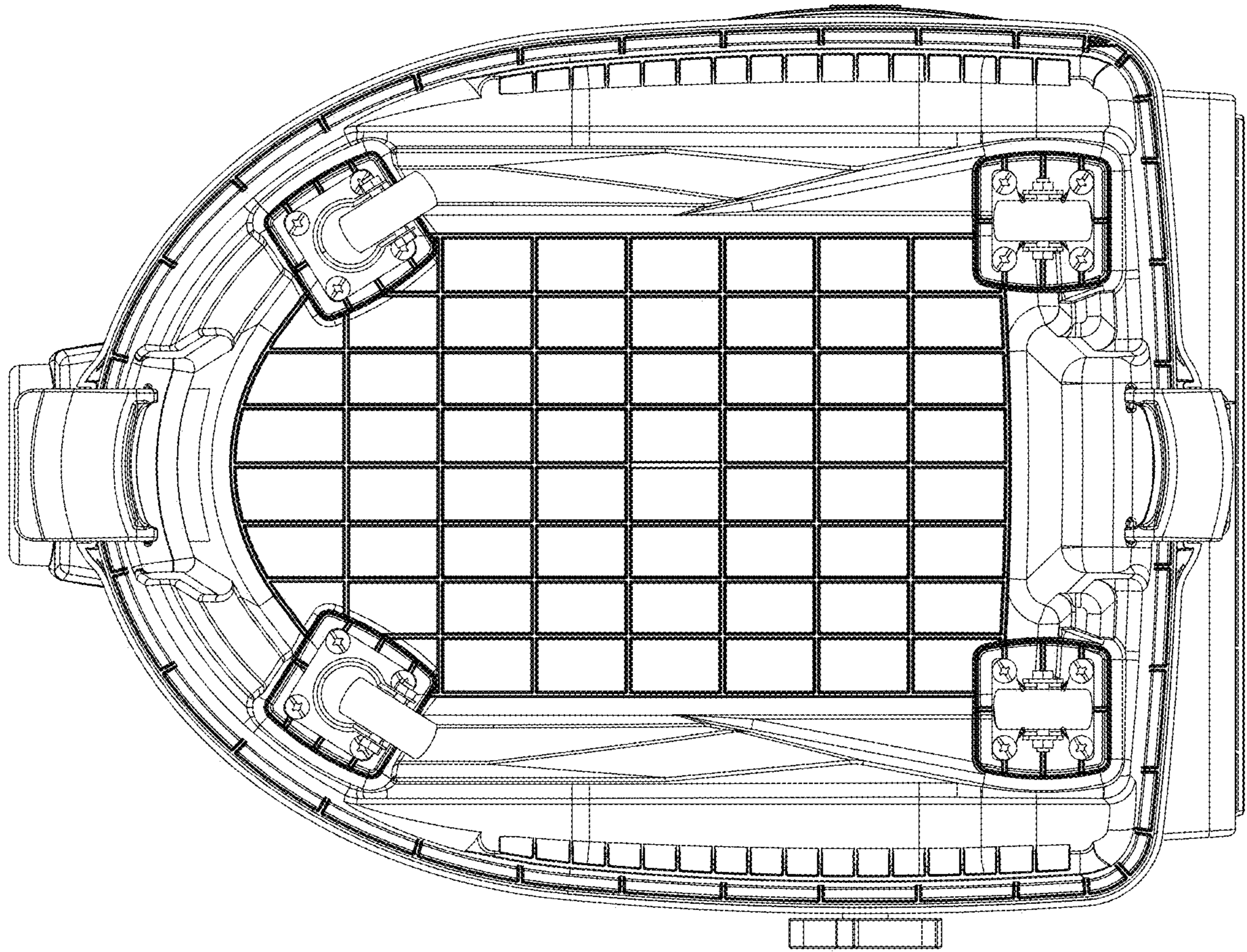


FIG. 8