



US0D1052693S

(12)

United States Design Patent

Nakamura et al.

(10)

Patent No.:

US D1,052,693 S

(45)

Date of Patent:

** Nov. 26, 2024

(54) **BACKPACK ELECTRIC SPRAYER BODY**

(71) Applicant: **MAKITA CORPORATION**, Anjo (JP)

(72) Inventors: **Kento Nakamura**, Anjo (JP); **Yuki Koide**, Anjo (JP)

(73) Assignee: **MAKITA CORPORATION**, Anjo (JP)

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

(21) Appl. No.: **29/872,863**

(22) Filed: **Mar. 21, 2023**

(30) **Foreign Application Priority Data**

Sep. 22, 2022 (JP) 2022-020313 D

(51) **LOC (14) Cl.** **23-01**

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

USPC **D23/225**

(58) **Field of Classification Search**

USPC D23/202, 207, 209, 212, 213, 214, 223,
D23/225, 226, 229; D8/2; D32/15, 16;
D15/13

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,636,791 A * 6/1997 Leer B05B 9/0877
239/153

D481,497 S * 10/2003 Malmqvist D3/216

(Continued)

FOREIGN PATENT DOCUMENTS

CN 301939219 * 5/2012

CN 308003486 * 4/2023

(Continued)

OTHER PUBLICATIONS

“NPL.Tomahawk.Amazon” May 15, 2023, Amazon.com, site vis-
ited Jul. 9, 2024: <https://www.amazon.com/Tomahawk-Battery->

Powered-Backpack-Mosquito/dp/B0C1LCK981/ref=cm_cr_arp_d_product_top?ie=UTF8&th=1 (Year: 2023).*

(Continued)

Primary Examiner — Barbara Fox
Assistant Examiner — Matthew Bird

(74) *Attorney, Agent, or Firm* — Global IP Counselors, LLP

(57) **CLAIM**

The ornamental design for a backpack electric sprayer body as shown and described.

DESCRIPTION

FIG. 1 is a front, right, and top perspective view of a backpack electric sprayer body in accordance with our new design;

FIG. 2 is a rear, left, and top perspective view of the backpack electric sprayer body in accordance with our new design;

FIG. 3 is a front elevational view of the backpack electric sprayer body in accordance with our new design;

FIG. 4 is a rear elevational view of the backpack electric sprayer body in accordance with our new design;

FIG. 5 is a top plan view of the backpack electric sprayer body in accordance with our new design;

FIG. 6 is a bottom plan view of the backpack electric sprayer body in accordance with our new design;

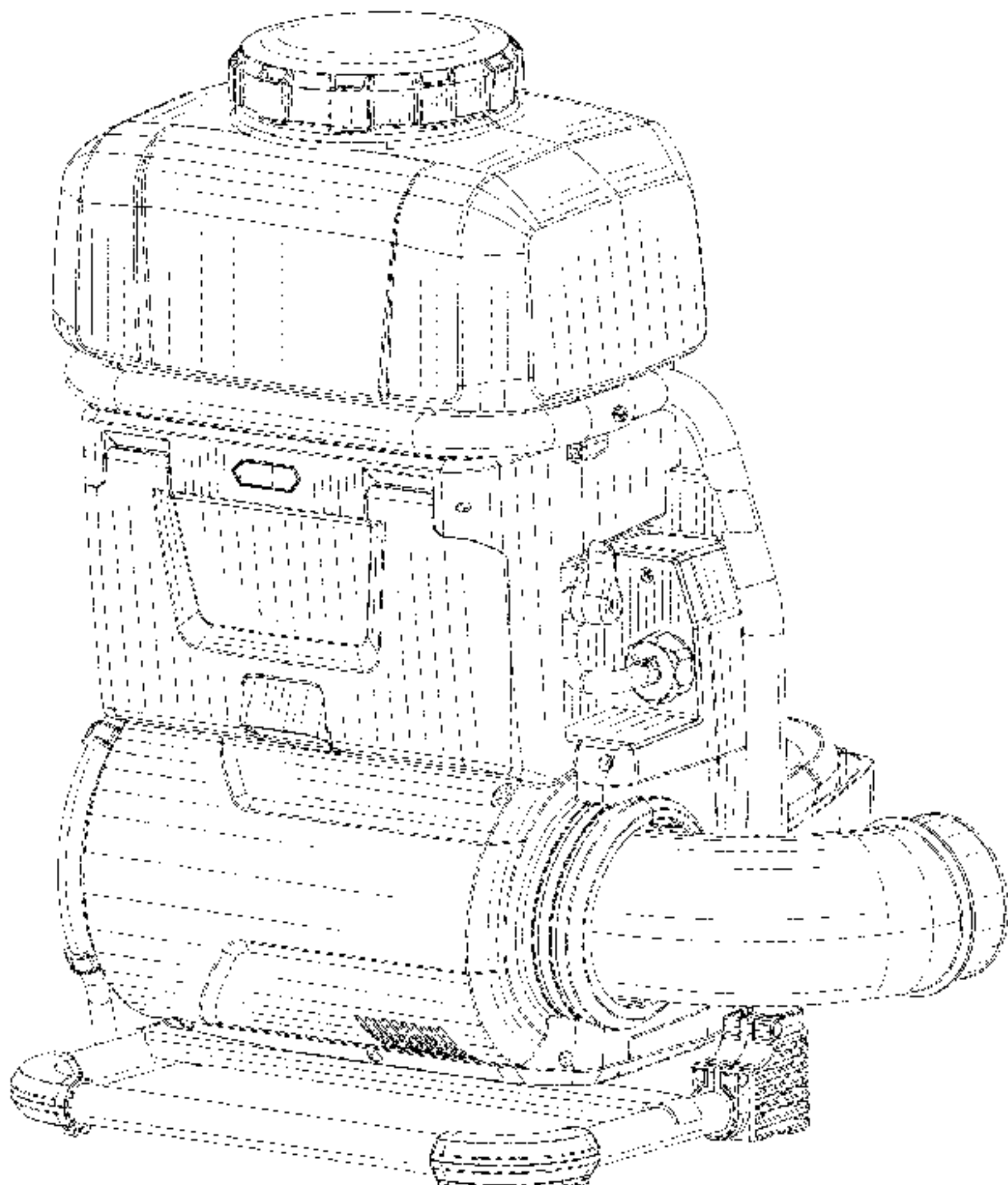
FIG. 7 is a left side elevational view of the backpack electric sprayer body in accordance with our new design;

FIG. 8 is a right side elevational view of the backpack electric sprayer body in accordance with our new design; and,

FIG. 9 is a rear, left, and top perspective view of the backpack electric sprayer body in accordance with our new design illustrating a state in which environmental structures (a sprayer nozzle and shoulder straps) are attached to the backpack electric sprayer body.

The broken lines in the drawings illustrate the environmental structures or portions of the backpack electric sprayer body which form no part of the claimed design.

1 Claim, 9 Drawing Sheets



(58) **Field of Classification Search**
CPC .. B05B 9/04; B05B 9/007; B05B 9/08; B05B 9/043; B05B 7/14; B05B 7/24; B05B 7/2408; B05B 7/30; B05B 1/30; A62B 35/00; A01M 7/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D623,266 S * 9/2010 Tinius D23/225
D623,722 S * 9/2010 Tinius D23/225
D633,984 S * 3/2011 Plantz D23/225
D654,567 S * 2/2012 Yamamoto D23/225
D719,638 S * 12/2014 Pagliai D23/225
D721,161 S * 1/2015 Yam D23/225
D749,698 S * 2/2016 Pereira Dos Reis D23/225
D809,626 S * 2/2018 Bonaventura D23/225
D818,701 S * 5/2018 Wright D3/217
D973,840 S * 12/2022 Allis D23/225
D986,378 S * 5/2023 Andermann D23/225
D1,012,235 S * 1/2024 Whitehead D23/226
D1,013,103 S * 1/2024 Tschopp D23/226
2010/0230515 A1 * 9/2010 Wu B05B 9/0877
239/373
2013/0312213 A1 * 11/2013 Takahashi E01H 1/0809
15/327.5

2015/0113759 A1 * 4/2015 Fukunaga A45F 3/10
15/327.5
2015/0327352 A1 * 11/2015 Kikuchi F04D 15/0066
417/364
2019/0021243 A1 * 1/2019 Naka A01G 20/47
2019/0224703 A1 * 7/2019 Gustafson B05B 9/0888
2020/0282354 A1 * 9/2020 Tahara A47L 9/00
2020/0290072 A1 * 9/2020 Allis B05B 9/0822
2020/0390041 A1 * 12/2020 Koide A01G 20/47
2023/0111737 A1 * 4/2023 Koike A45F 3/04
224/600
2023/0405622 A1 * 12/2023 Zama B05B 15/625
2024/0001384 A1 * 1/2024 Li F16L 33/223

FOREIGN PATENT DOCUMENTS

CN 308003519 * 4/2023
GB 6190749 * 2/2022
JP D1740150 * 3/2023

OTHER PUBLICATIONS

“NPL.YouTube” Mar. 16, 2023, YouTube.com, site visited Jul. 9, 2024: https://www.youtube.com/watch?v=XY_IvcBOEPA (Year: 2023).*

* cited by examiner

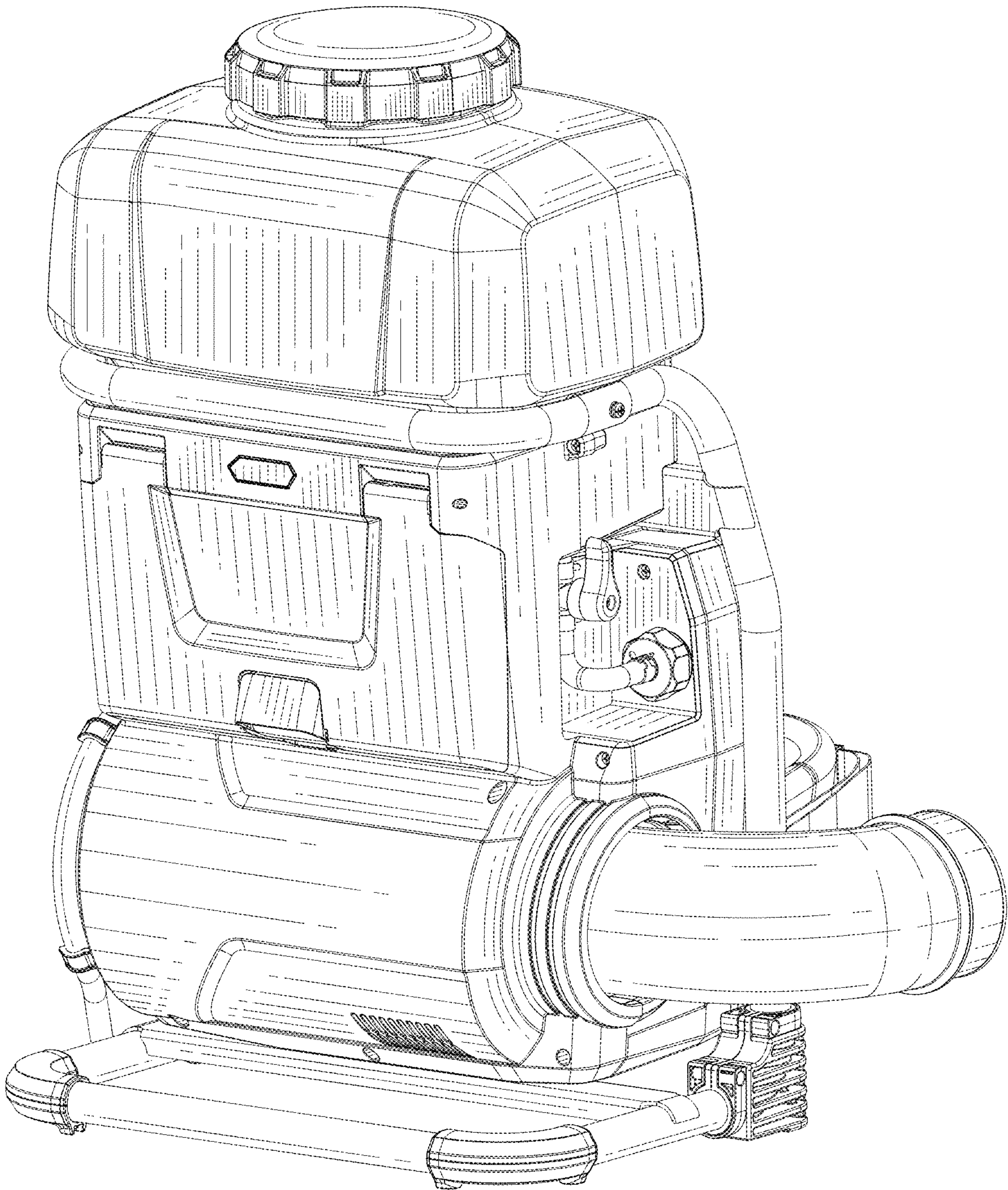


FIG. 1

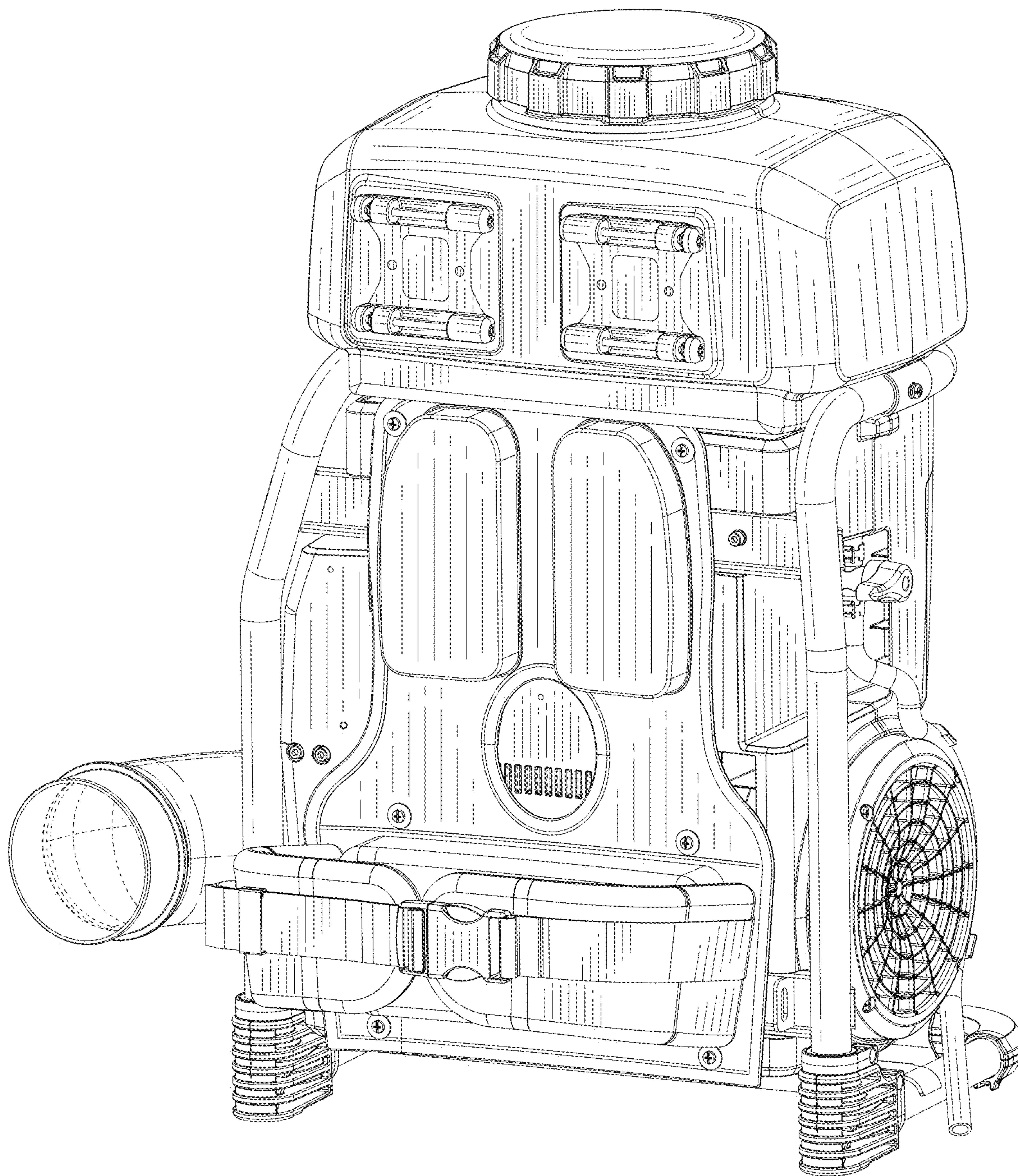


FIG. 2

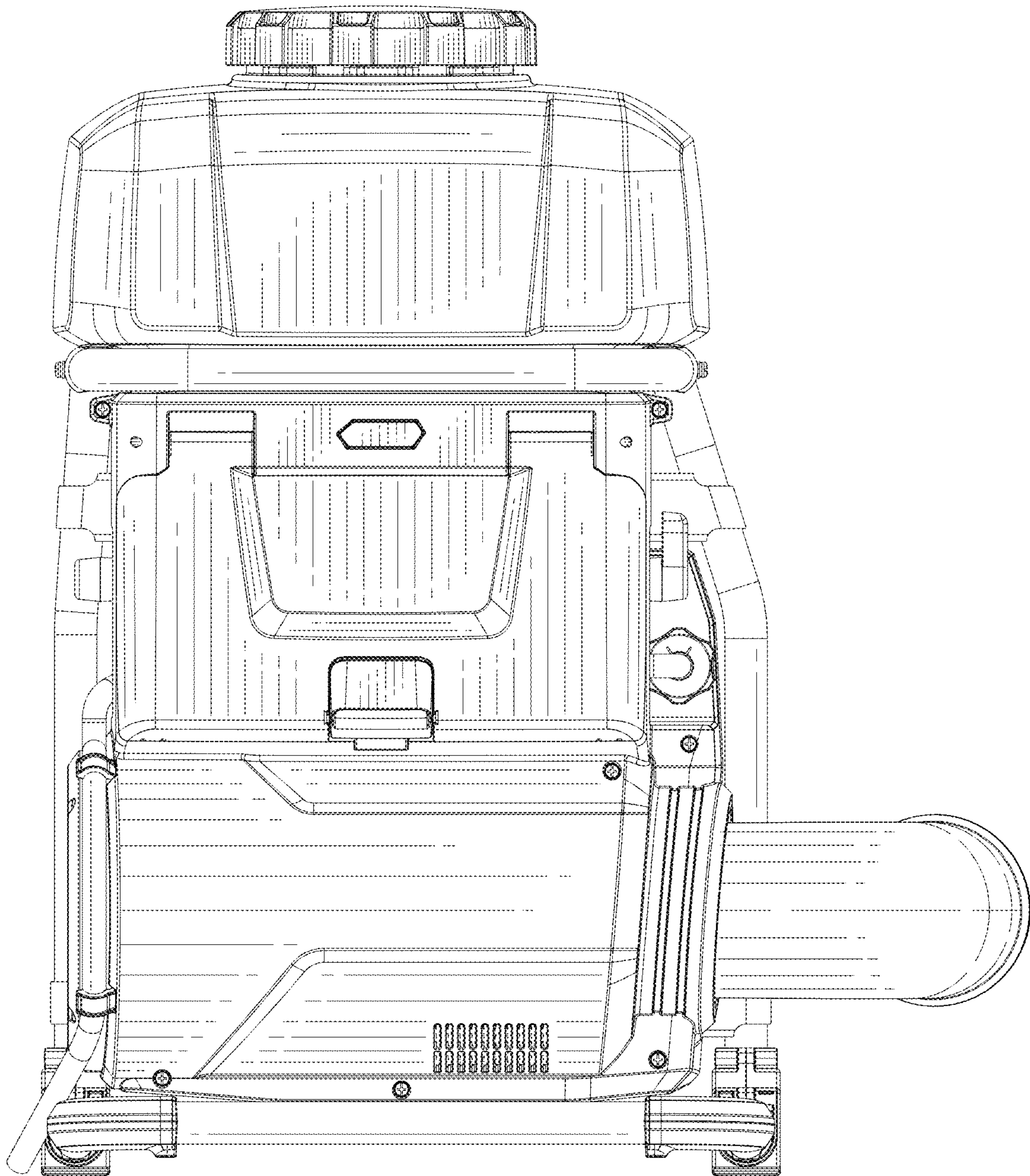


FIG. 3

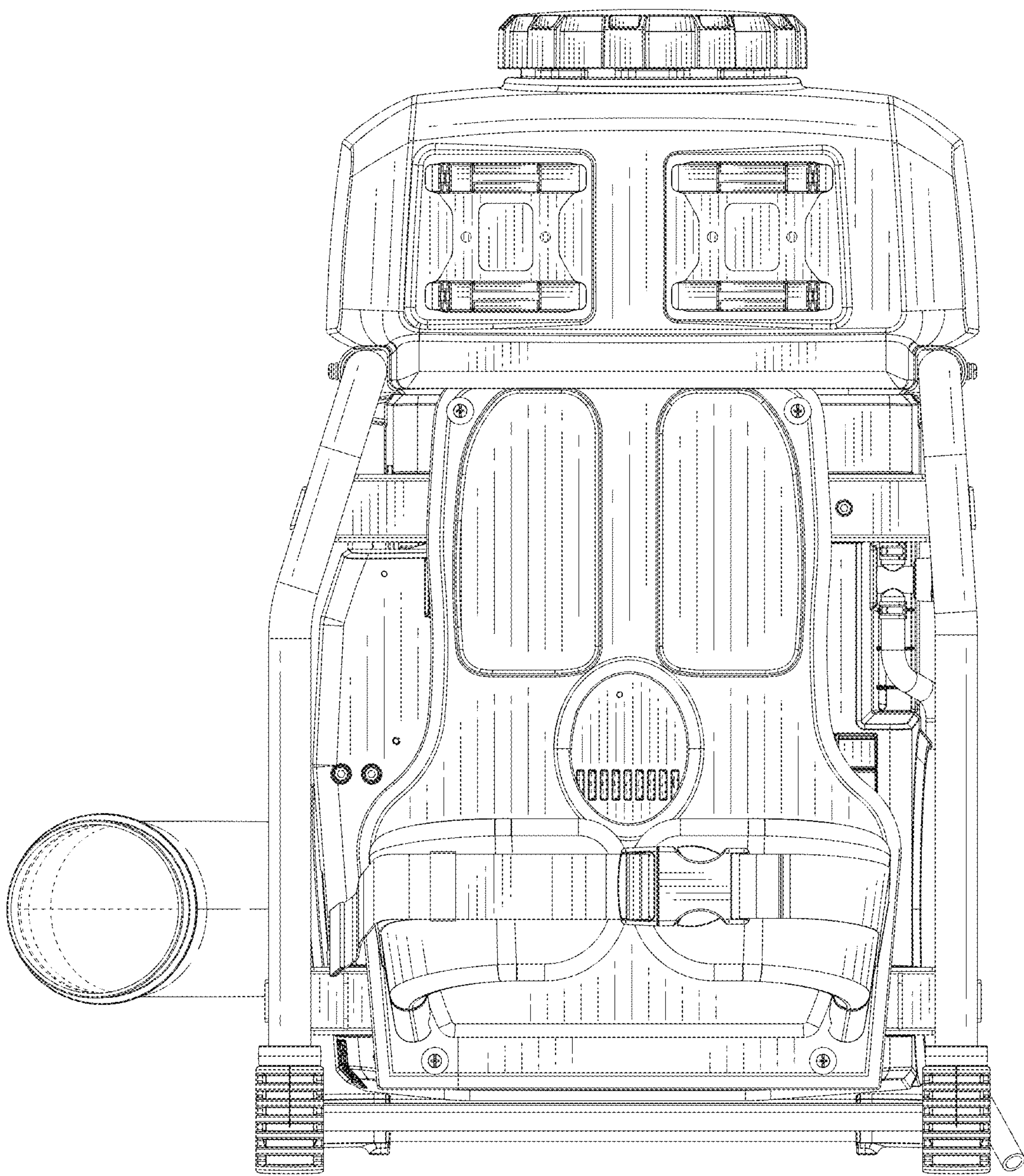


FIG. 4

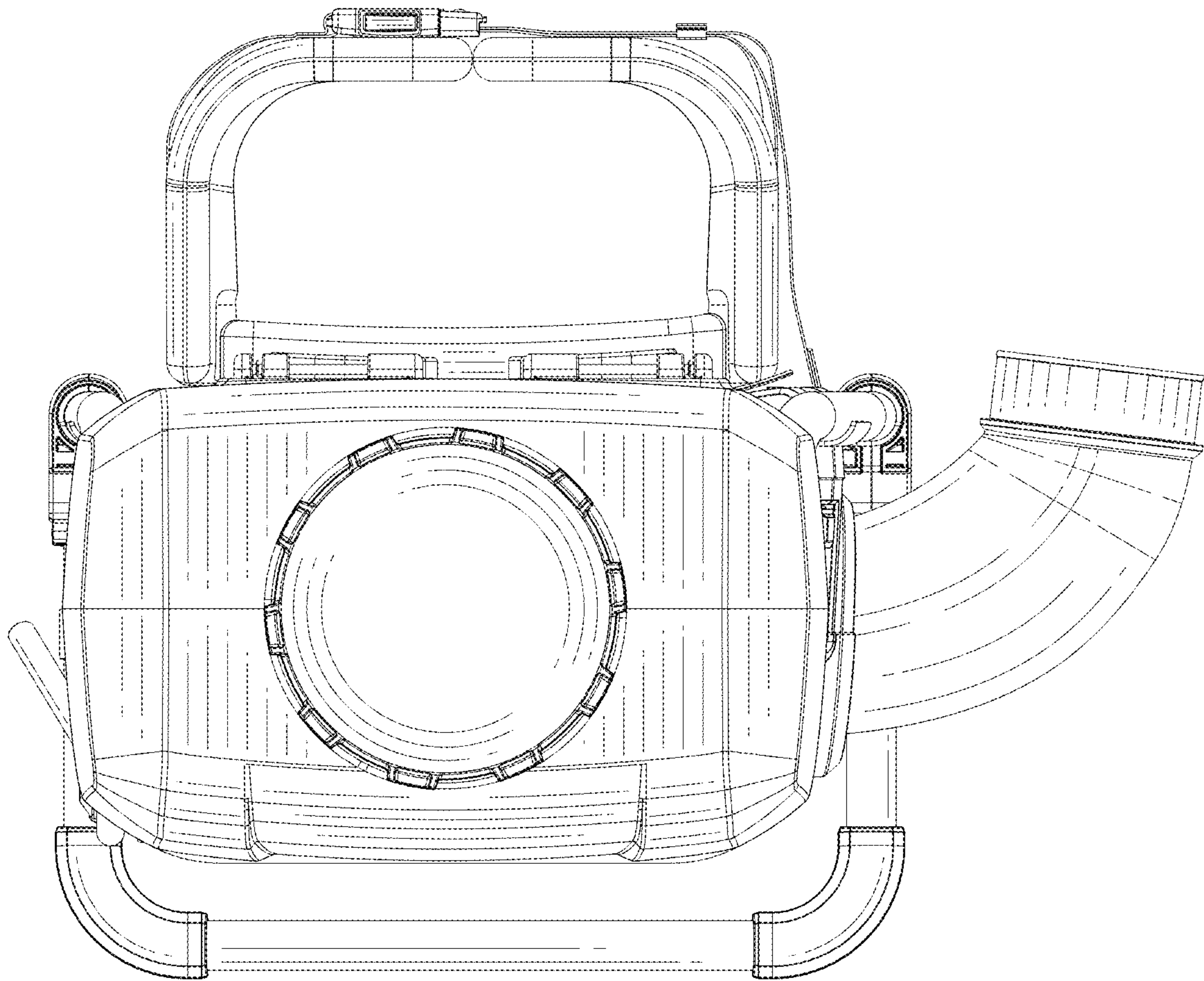


FIG. 5

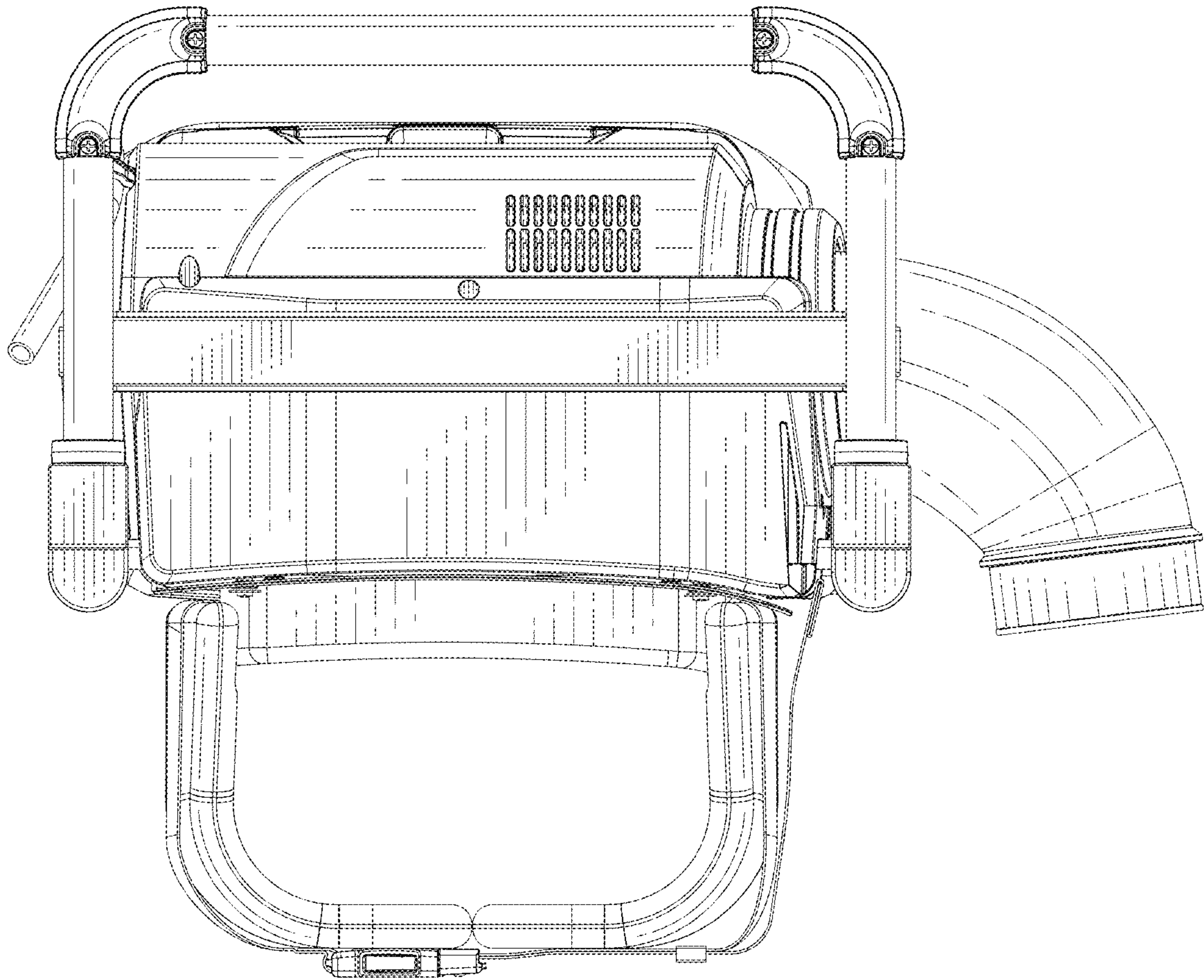


FIG. 6

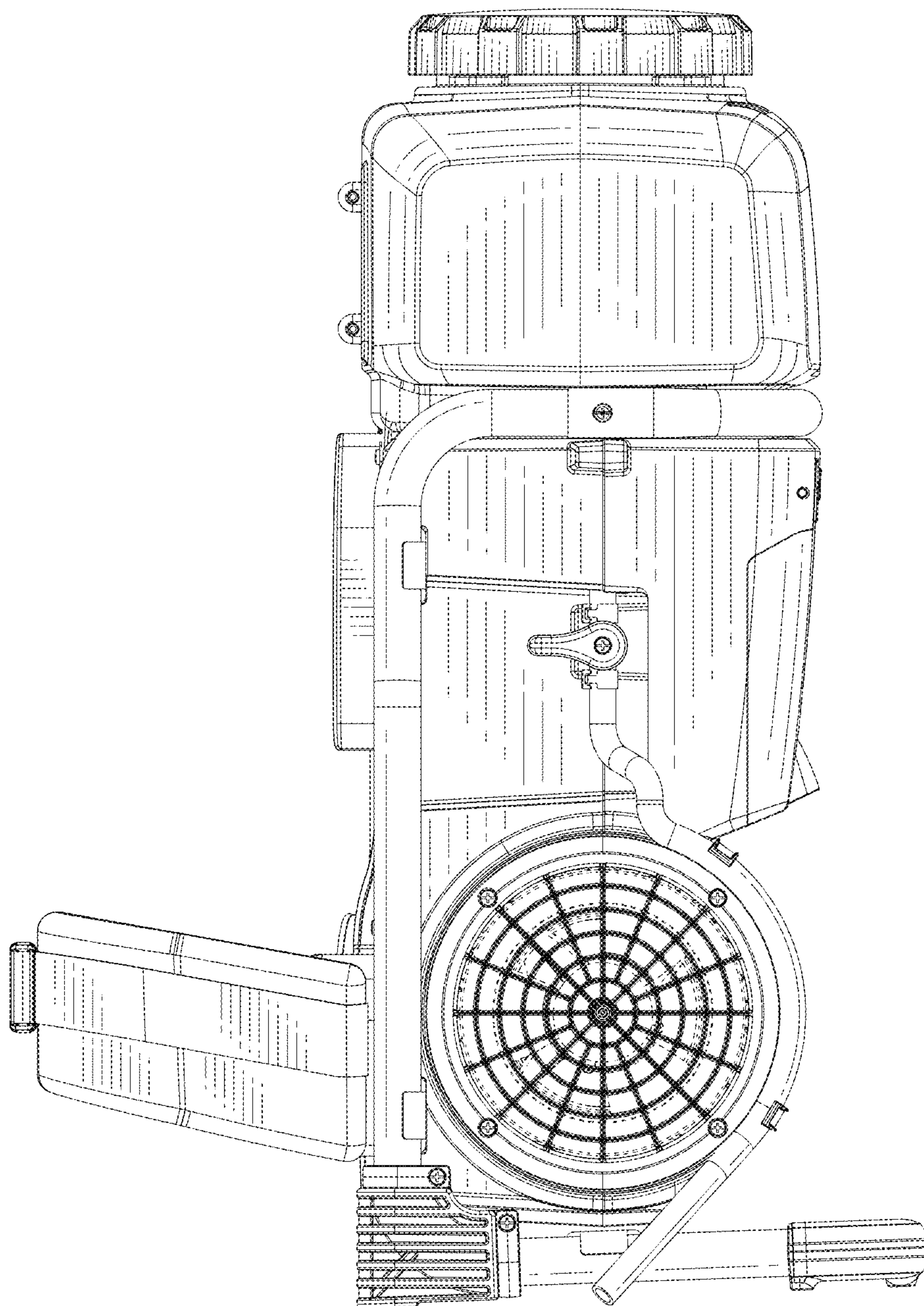


FIG. 7

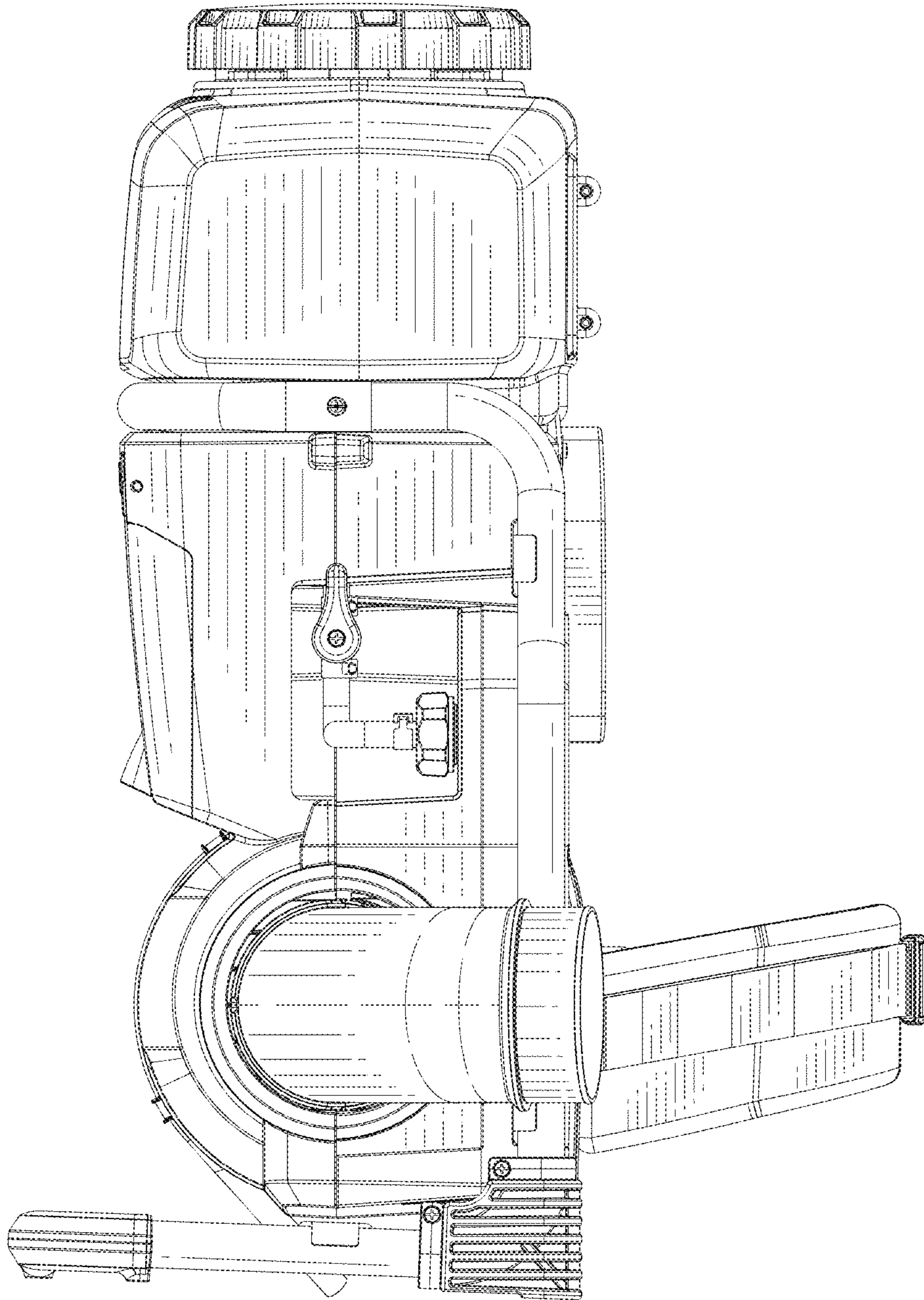


FIG. 8

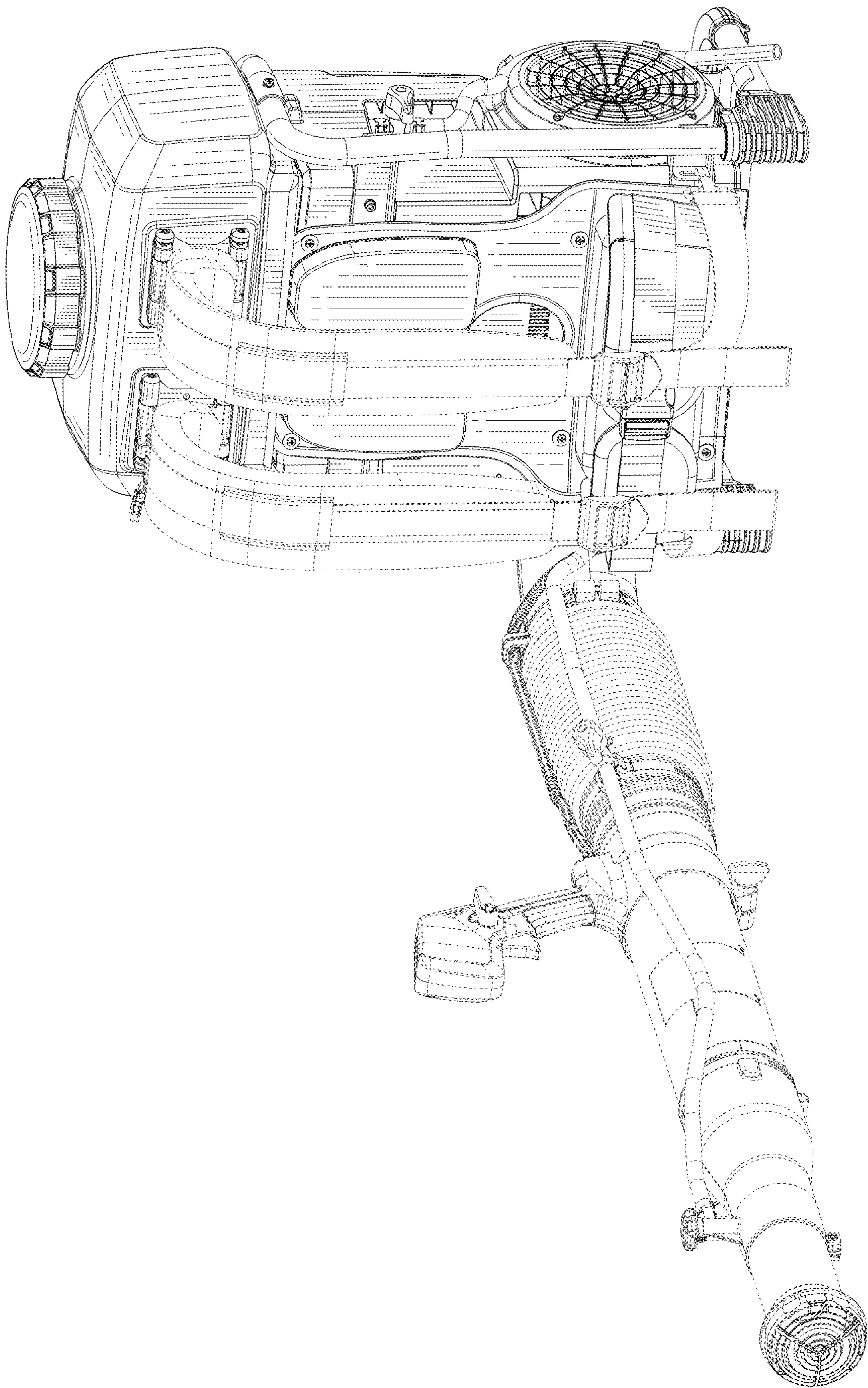


FIG. 9