



US00D958847S

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

(10) **Patent No.:** **US D958,847 S**

(45) **Date of Patent:** **\*\* Jul. 26, 2022**

(54) **CAR FRIDGE**

(71) Applicant: **FOSHAN ALPICOOL ELECTRIC APPLIANCE CO., LTD.**, Foshan (CN)

(72) Inventors: **Jingcheng Chen**, Nanning (CN); **Jingrui Chen**, Shaoguan (CN); **Shengming He**, Shaoguan (CN); **Pizhi Zhao**, Qingyuan (CN); **Junjie Qin**, Nanning (CN); **Tao Zeng**, Foshan (CN)

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

(21) Appl. No.: **29/735,429**

(22) Filed: **May 21, 2020**

(30) **Foreign Application Priority Data**

May 11, 2020 (CN) ..... 202030210740.4

(51) **LOC (13) Cl.** ..... **15-07**

(52) **U.S. Cl.**  
USPC ..... **D15/79**; D15/83

(58) **Field of Classification Search**  
USPC ..... D7/603, 604, 605, 606, 607, 608, 629;  
D3/272, 273, 274, 276, 279; D15/79, 80,  
D15/81, 83, 85; 62/911

(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,724,681 A \* 2/1988 Bartholomew ..... F25D 3/06  
190/18 A  
5,064,088 A \* 11/1991 Steffes ..... B65D 43/161  
220/837

(Continued)

**FOREIGN PATENT DOCUMENTS**

CN 306273735 \* 1/2021  
CN 306351536 \* 2/2021

(Continued)

**OTHER PUBLICATIONS**

Alpicool [online] URL: <https://www.amazon.com/dp/B08GC8VW5W>  
(site visited: Nov. 30, 2021) (Year: 2020).\*

(Continued)

*Primary Examiner* — Jae Liang  
*Assistant Examiner* — Tia Ruth-Renee Polidori

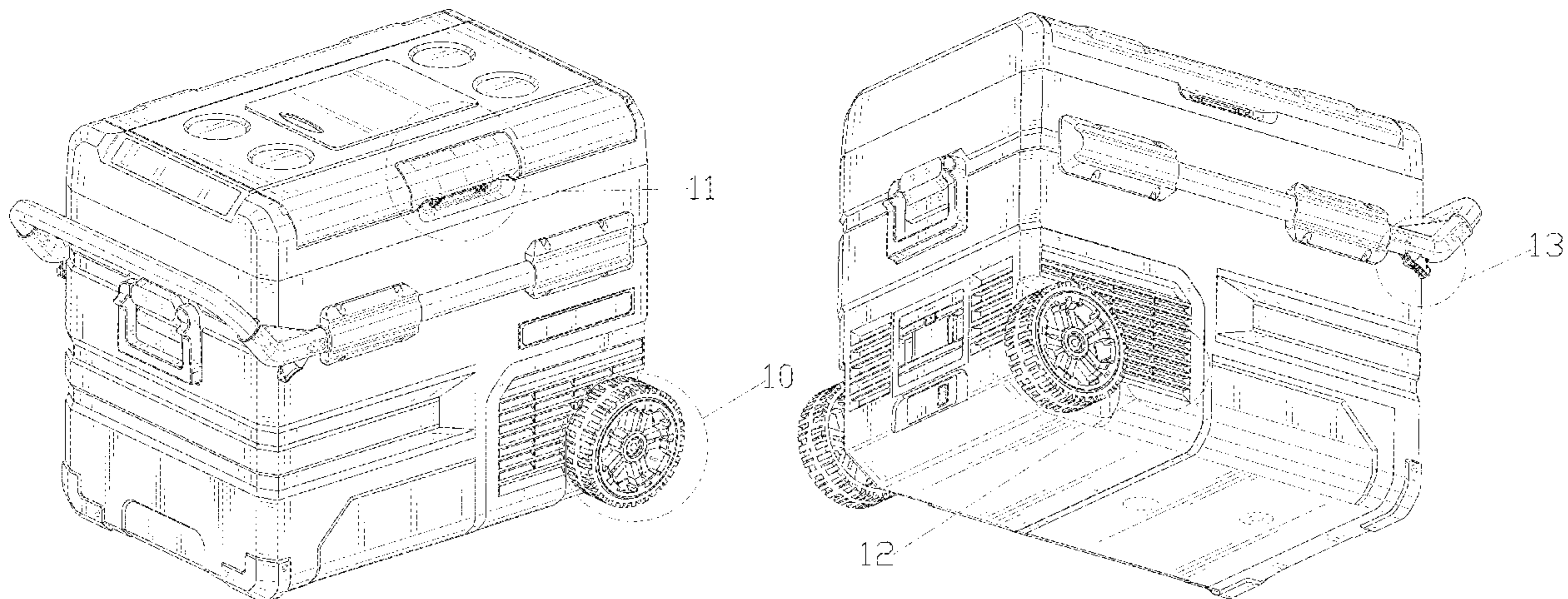
(57) **CLAIM**

The ornamental design for a car fridge, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a car fridge showing our new design;  
FIG. 2 is another perspective view thereof;  
FIG. 3 is a front elevational view thereof;  
FIG. 4 is a rear elevational view thereof;  
FIG. 5 is a left side elevational view thereof;  
FIG. 6 is a right side elevational view thereof;  
FIG. 7 is a top plan view thereof;  
FIG. 8 is a bottom plan view thereof;  
FIG. 9 is a perspective view of our new design with the handle extended in a configuration of use for clarify of disclosure;  
FIG. 10 is an enlarged view of portion 10 shown in FIG. 1;  
FIG. 11 is an enlarged view of portion 11 shown in FIG. 1;  
FIG. 12 is an enlarged view of portion 12 shown in FIG. 2;  
and,  
FIG. 13 is an enlarged view of portion 13 shown in FIG. 2.  
The dash-dash broken lines in the drawings depict portions of the car fridge that form no part of the claimed design and the dot-dash broken lines in the drawings depict partial view indicia that forms no part of the claimed design.

**1 Claim, 13 Drawing Sheets**



# US D958,847 S

**(58) Field of Classification Search**

CPC ..... F25C 2400/10; G05B 2219/2654; A45C 11/20; A45C 9/00; A45C 5/14; F25D 3/06; F25D 3/107; F25D 2400/12; F25D 2400/38; F25D 31/005; F25D 11/003; F25D 11/006; F25D 23/003; F25D 2323/00277; F25D 2201/10; B65D 81/3813; B65D 81/3818; F25B 19/00

See application file for complete search history.

**(56) References Cited**

U.S. PATENT DOCUMENTS

5,454,477	A *	10/1995	Bornhorst	.....	B65D 85/30	220/23.4	2005/0263527	A1 *	12/2005	Maldonado	.....	A45C 13/40	220/592.2
5,683,097	A *	11/1997	Fenton	.....	A45C 5/14	280/47.26	2006/0065655	A1 *	3/2006	Taylor	.....	B65D 11/1826	220/6
6,176,499	B1 *	1/2001	Conrado	.....	A45C 5/14	280/47.26	2006/0196218	A1 *	9/2006	Mogil	.....	A45C 11/20	62/457.4
6,216,488	B1 *	4/2001	Rucker	.....	A45B 11/00	62/331	2006/0279052	A1 *	12/2006	Marmah	.....	A47C 1/14	280/47.26
6,305,185	B1 *	10/2001	Sloan	.....	A45C 5/14	62/235.1	2007/0028642	A1 *	2/2007	Glade	.....	F25D 3/06	62/371
6,364,329	B1 *	4/2002	Holub	.....	A45C 5/14	280/47.26	2008/0001373	A1 *	1/2008	Vaughn	.....	B60B 35/10	280/47.26
D528,368	S *	9/2006	Maldonado	.....	D7/605		2008/0245793	A1 *	10/2008	Hanson	.....	A45C 11/20	220/263
7,143,601	B1 *	12/2006	Jimenez	.....	F25D 23/12	62/457.7	2009/0217699	A1 *	9/2009	Ball	.....	A45C 11/20	62/457.7
D552,426	S *	10/2007	Jones	.....	D7/605		2009/0260546	A1 *	10/2009	George	.....	A45C 11/20	108/26
D613,560	S *	4/2010	Robichaud	.....	D7/605		2010/0133326	A1 *	6/2010	Sanchez	.....	B65D 81/3876	229/87.03
7,870,937	B1 *	1/2011	Arnao	.....	A45C 9/00	190/1	2010/0263398	A1 *	10/2010	Webb	.....	F25D 3/08	62/331
7,984,997	B1 *	7/2011	Sandberg	.....	F21S 9/03	362/101	2011/0226003	A1 *	9/2011	Chaney	.....	B62B 1/20	62/457.7
8,256,156	B1 *	9/2012	Burgoyne, Jr.	.....	A01K 97/06	43/54.1	2012/0228074	A1 *	9/2012	Osler	.....	A45C 7/0045	190/18 A
9,448,000	B2 *	9/2016	Patsis	.....	B62B 1/10		2012/0318177	A1 *	12/2012	Piazza, Jr.	.....	A45C 9/00	108/14
9,476,638	B1 *	10/2016	Tyler	.....	F25D 3/06		2013/0082044	A1 *	4/2013	Doan	.....	H05B 6/6426	219/387
9,671,158	B1 *	6/2017	Sandberg	.....	F25D 27/00		2013/0168882	A1 *	7/2013	Lykins	.....	B62B 1/125	261/136
D792,486	S *	7/2017	Li	.....	D15/81		2013/0207359	A1 *	8/2013	Vanderberg	.....	B62B 5/067	280/30
9,726,424	B1 *	8/2017	Sandberg	.....	F21V 23/0414		2013/0207360	A1 *	8/2013	Vanderberg	.....	A45C 11/20	280/30
D807,707	S *	1/2018	Grepper	.....	D7/605		2015/0010189	A1 *	1/2015	Besay	.....	H04R 1/028	381/334
D807,708	S *	1/2018	Grepper	.....	D7/605		2015/0114024	A1 *	4/2015	Grepper	.....	B01F 7/0025	62/320
D815,919	S *	4/2018	DeFrancia	.....	D7/605		2015/0267956	A1 *	9/2015	Miller	.....	F25D 27/00	62/457.7
9,976,789	B2 *	5/2018	Grepper	.....	A45C 11/20		2015/0300720	A1 *	10/2015	Anderson	.....	F25D 3/08	62/398
D836,993	S *	1/2019	Meda	.....	D7/605		2015/0338159	A1 *	11/2015	Watson	.....	F25D 3/06	220/592.03
D836,994	S *	1/2019	Meda	.....	D7/605		2016/0023349	A1 *	1/2016	Hoppe	.....	A45C 7/0045	280/655.1
D836,995	S *	1/2019	Carey	.....	D7/605		2016/0025400	A1 *	1/2016	Van Wuffen	.....	A23L 3/364	426/418
D844,324	S *	4/2019	Hoppe	.....	D3/279		2016/0097551	A1 *	4/2016	Johnson	.....	F24F 5/0021	62/411
D850,217	S *	6/2019	Kittel, III	.....	D7/605		2016/0150862	A1 *	6/2016	Tonelli	.....	A45C 13/262	190/18 A
D851,138	S *	6/2019	Murabayashi	.....	D15/81		2016/0153690	A1 *	6/2016	Patsis	.....	B65D 25/28	222/608
D863,892	S *	10/2019	Ellison	.....	D7/605		2016/0183677	A1 *	6/2016	Achillopoulos	.....	A45C 5/14	190/11
D863,893	S *	10/2019	Ellison	.....	D7/605		2016/0187046	A1 *	6/2016	Chen	.....	A45C 11/20	62/239
D869,244	S *	12/2019	Ellison	.....	D7/605		2016/0244081	A1 *	8/2016	Chaloux	.....	A45C 15/00	
D873,085	S *	1/2020	DeFrancia	.....	D7/605		2016/0272405	A1 *	9/2016	Furneaux	.....	B65D 25/38	
D883,752	S *	5/2020	Carey	.....	D7/605		2017/0023289	A1 *	1/2017	Anderson	.....	F25D 3/08	
D884,434	S *	5/2020	Merlino	.....	D7/605		2017/0023290	A1 *	1/2017	Demuth	.....	F25D 25/022	
10,641,538	B1 *	5/2020	Tang	.....	F25D 23/06		2017/0027386	A1 *	2/2017	Bungard	.....	A47J 41/0055	
D887,788	S *	6/2020	Meda	.....	D7/605		2017/0043800	A1 *	2/2017	Chaloux	.....	B62B 1/12	
D888,503	S *	6/2020	Meda	.....	D7/605		2017/0043906	A1 *	2/2017	Ravenscraft, Jr.	.....	B62B 1/10	
10,731,919	B1 *	8/2020	Gutierrez	.....	F25D 27/005		2017/0082342	A1 *	3/2017	Weinberg	.....	A63B 67/002	
D905,129	S *	12/2020	Deng	.....	D15/81		2017/0129097	A1 *	5/2017	Engvall	.....	B25H 1/04	
D906,377	S *	12/2020	Tang	.....	D15/79		2017/0234596	A1 *	8/2017	Patsis	.....	A45C 11/20	220/592.2
D907,074	S *	1/2021	Yang	.....	D15/83		2017/0314845	A1 *	11/2017	Tang	.....	H04R 1/2807	
10,967,896	B2 *	4/2021	Kravchenko	.....	B62B 1/26		2017/0370629	A1 *	12/2017	Fire	.....	B67D 1/0874	
D917,977	S *	5/2021	Brunner	.....	D7/605		2018/0009588	A1 *	1/2018	Grogan	.....	F25B 21/04	
D922,148	S *	6/2021	Yang	.....	D7/605		2018/0015938	A1 *	1/2018	DeFrancia	.....	B62B 5/067	
D922,454	S *	6/2021	Tang	.....	D15/79		2018/0100682	A1 *	4/2018	Nilsen	.....	F25D 16/00	
11,027,885	B2 *	6/2021	Duong	.....	B65D 25/2841								
D927,939	S *	8/2021	Ellison	.....	D7/605								
D929,188	S *	8/2021	Pennington	.....	D7/605								
D929,189	S *	8/2021	Pennington	.....	D7/605								
D937,328	S *	11/2021	Tang	.....	D15/79								
2005/0081558	A1 *	4/2005	Yoshida	.....	F25D 11/003	62/457.9							

(56)

References Cited

U.S. PATENT DOCUMENTS

2018/0127007 A1\* 5/2018 Kravchenko ..... B62B 1/04  
 2018/0141718 A1\* 5/2018 Ahlstrom ..... B65D 25/2841  
 2018/0141739 A1\* 5/2018 Hengen ..... A45C 5/14  
 2018/0149400 A1\* 5/2018 Valencia ..... F25D 3/06  
 2018/0161975 A1\* 6/2018 Brunner ..... B25H 3/02  
 2018/0194533 A1\* 7/2018 Bramwell ..... A61D 7/00  
 2018/0238607 A1\* 8/2018 Lagasse ..... F25D 3/06  
 2018/0274837 A1\* 9/2018 Christensen ..... A47G 23/02  
 2019/0059539 A1\* 2/2019 Russell ..... A45C 9/00  
 2019/0145673 A1\* 5/2019 Hoffmann ..... H02J 3/46  
 62/235.1  
 2019/0216193 A1\* 7/2019 Kabalin ..... B60B 3/001  
 2019/0277552 A1\* 9/2019 Vu ..... F25D 23/025  
 2019/0329811 A1\* 10/2019 Jones ..... B62B 5/00  
 2019/0330041 A1\* 10/2019 Fire ..... F25D 3/06  
 2020/0062454 A1\* 2/2020 Duong ..... B65D 25/2841  
 2020/0132356 A1\* 4/2020 Tang ..... F25D 11/00  
 2020/0140165 A1\* 5/2020 Soto ..... B65D 81/3813  
 2020/0187615 A1\* 6/2020 Hockaday, Jr. .... A45C 5/14  
 2020/0196725 A1\* 6/2020 Tonelli ..... A45C 13/26  
 2020/0216229 A1\* 7/2020 Guan ..... B65D 25/2841  
 2020/0217571 A1\* 7/2020 Guan ..... F25D 11/02  
 2020/0217574 A1\* 7/2020 Thelin ..... B65D 81/3813  
 2021/0018250 A1\* 1/2021 Tang ..... F25B 27/00

2021/0070523 A1\* 3/2021 Iyer ..... B65D 43/022  
 2021/0154824 A1\* 5/2021 Barton ..... A45C 13/1084  
 2021/0229893 A1\* 7/2021 Maldonado ..... B65D 43/22  
 2021/0284426 A1\* 9/2021 Kalajyan ..... B65D 45/00  
 2021/0285710 A1\* 9/2021 Barros ..... F25D 3/06  
 2021/0285716 A1\* 9/2021 Kalajyan ..... B65D 25/2841  
 2021/0296711 A1\* 9/2021 Zhao ..... B60H 1/00  
 2021/0362906 A1\* 11/2021 Brunner ..... B62B 1/14

FOREIGN PATENT DOCUMENTS

CN 306351537 \* 2/2021  
 CN 306907932 \* 10/2021

OTHER PUBLICATIONS

Bodega [online] URL: <https://www.amazon.com/BODEGA-Refrigerator-Portable-Electric-Compressor/dp/B08KD58D8R> (site visited: Nov. 30, 2021) (Year: 2020).  
 Change Moore [online] URL: <https://www.amazon.com/Temperature-Control-Portable-Refrigerator-Vehicles/dp/B098JJ P86K> (site visited: Nov. 30, 2021) (Year: 2021).  
 E Euhomy [online] URL: <https://www.amazon.com/dp/B096B217LK> (site visited: Nov. 30, 2021) (Year: 2021).

\* cited by examiner

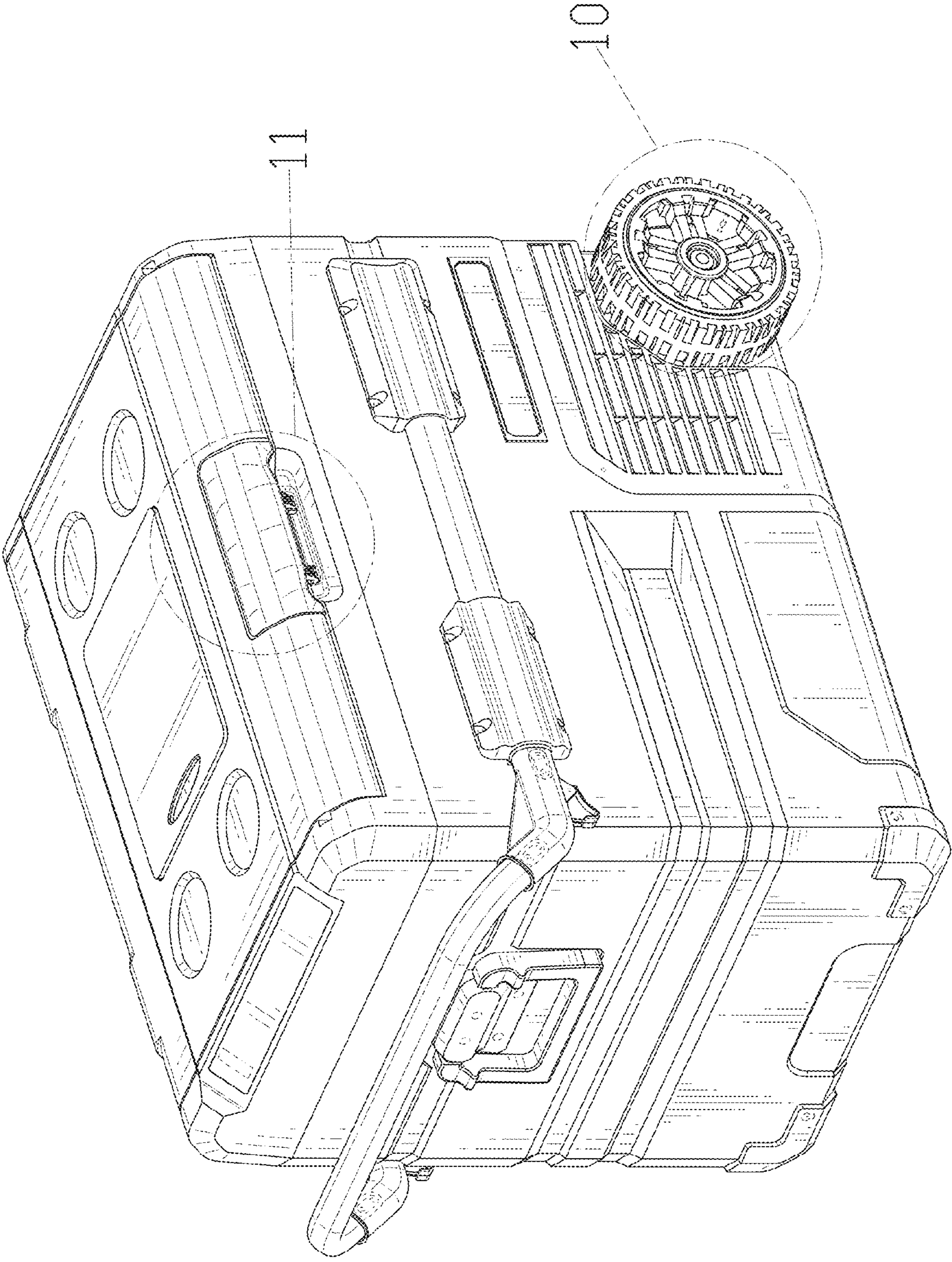


FIG. 1

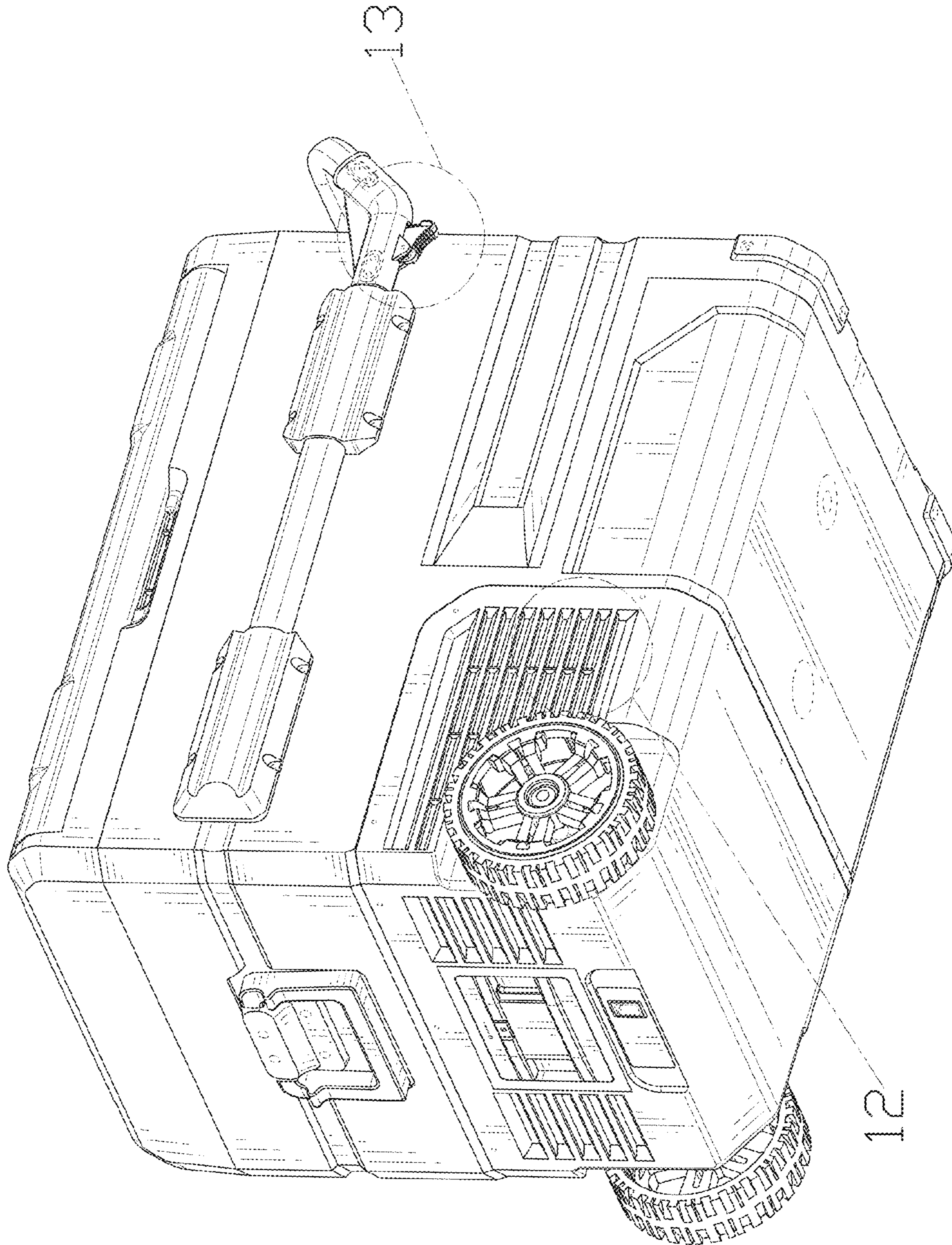


FIG. 2

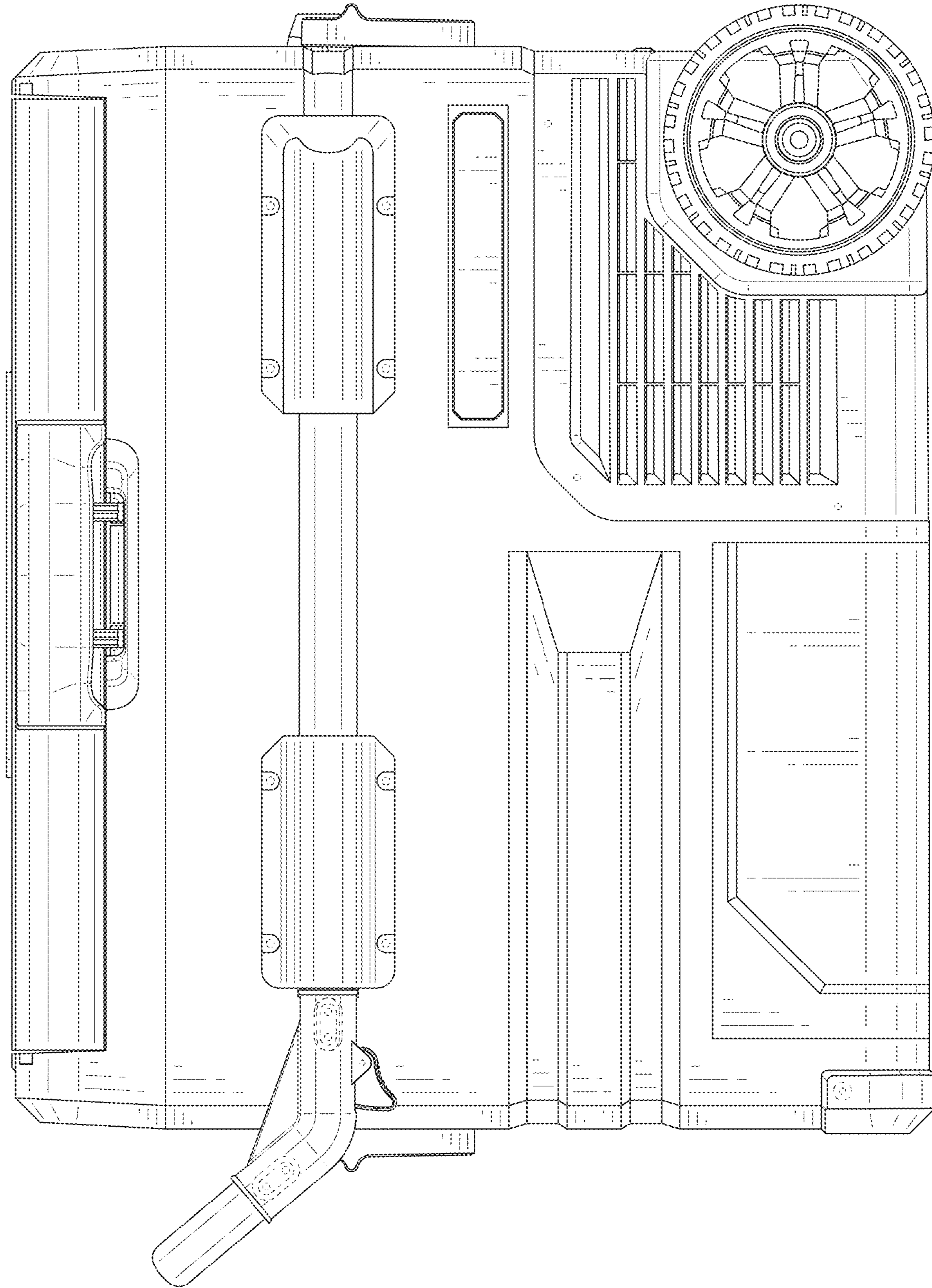


FIG. 3

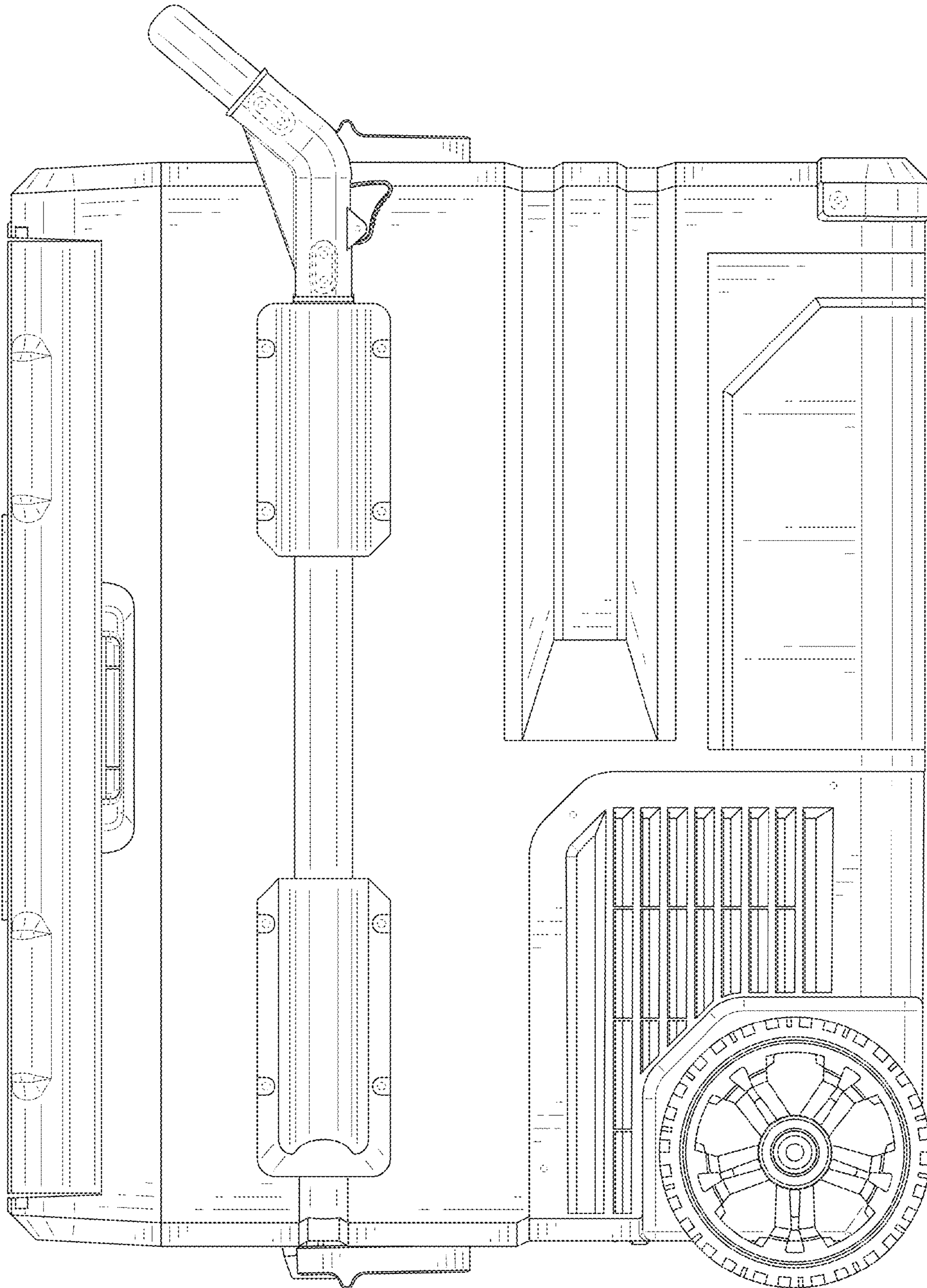


FIG. 4

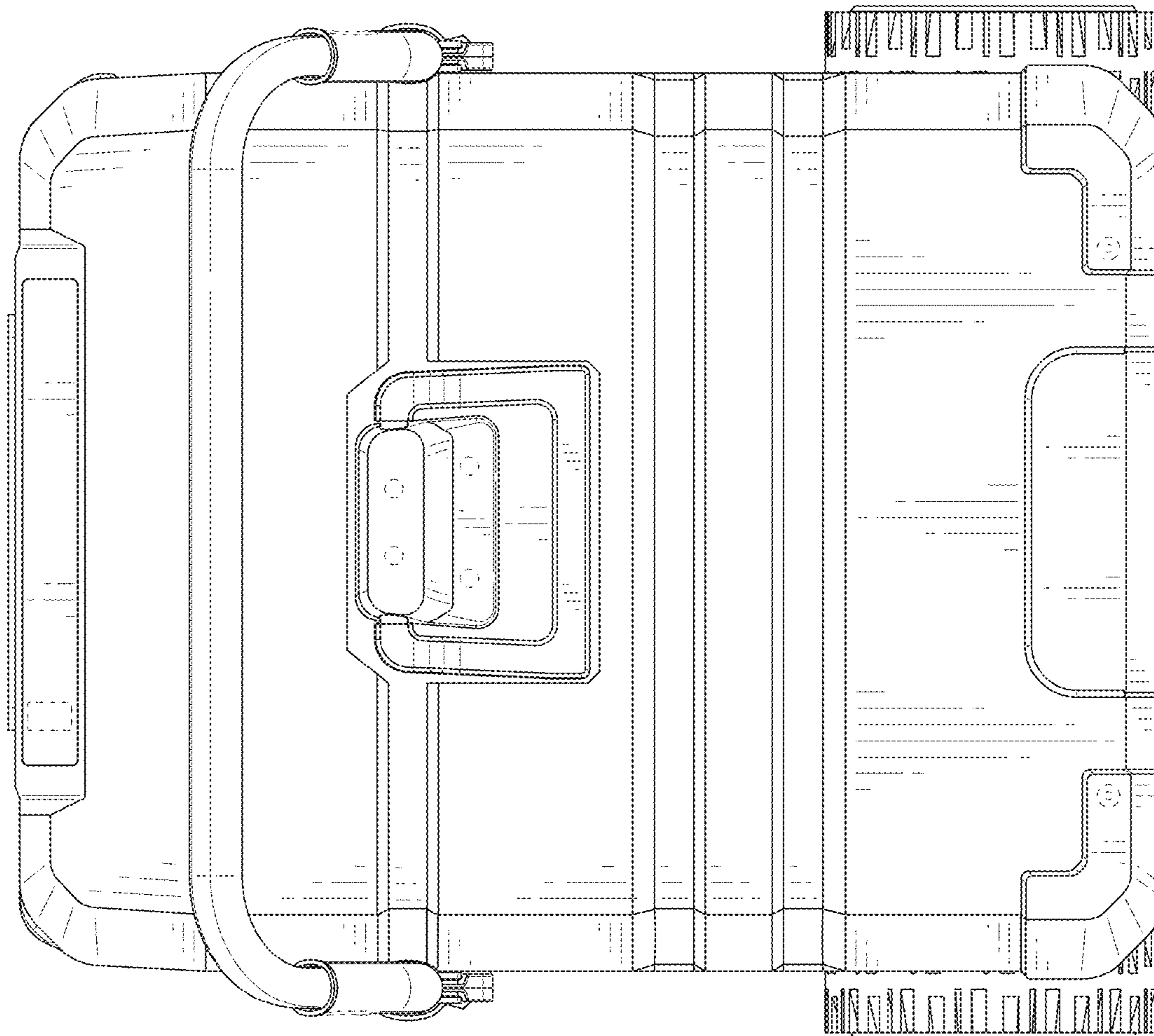


FIG. 5



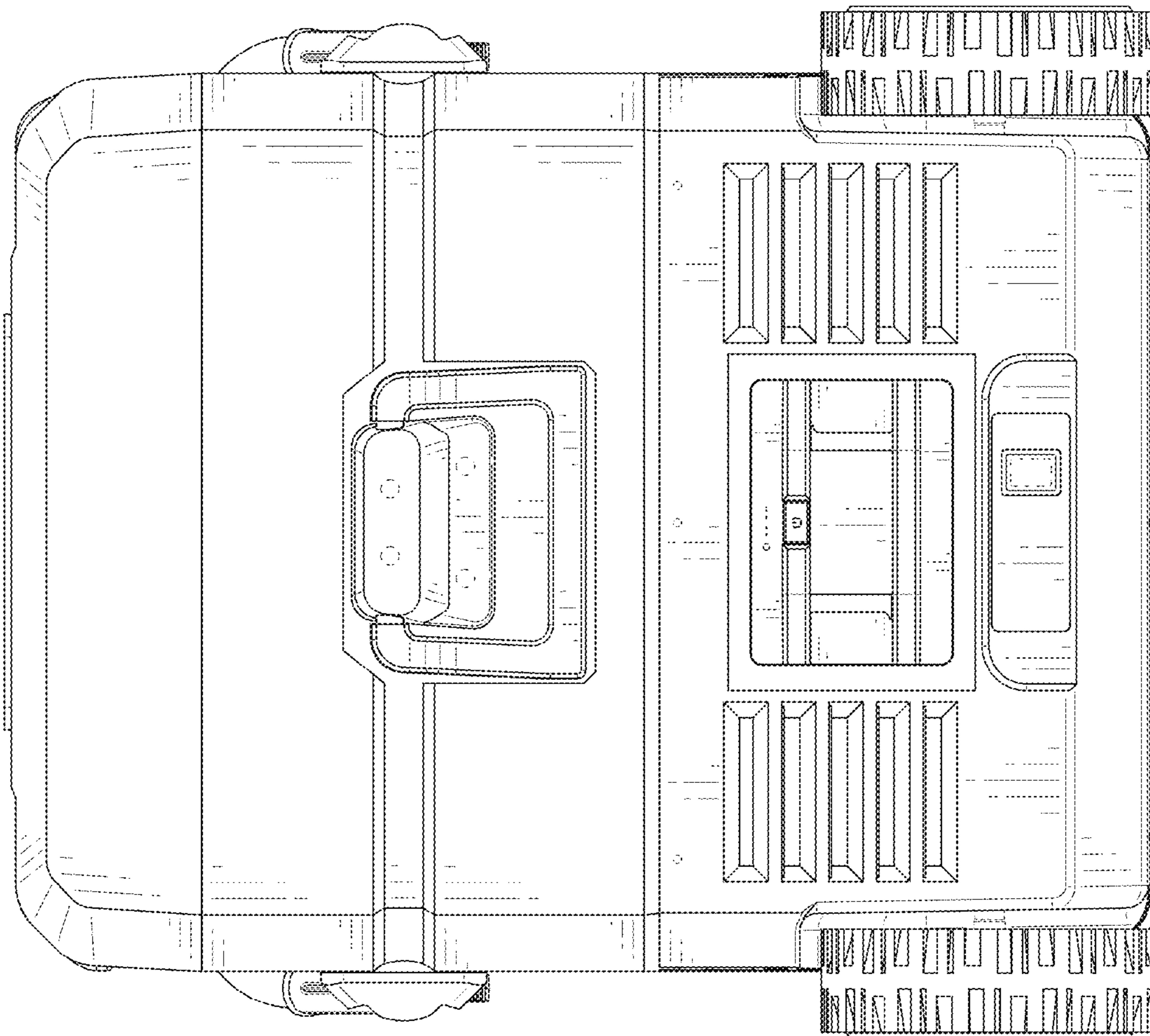


FIG. 6

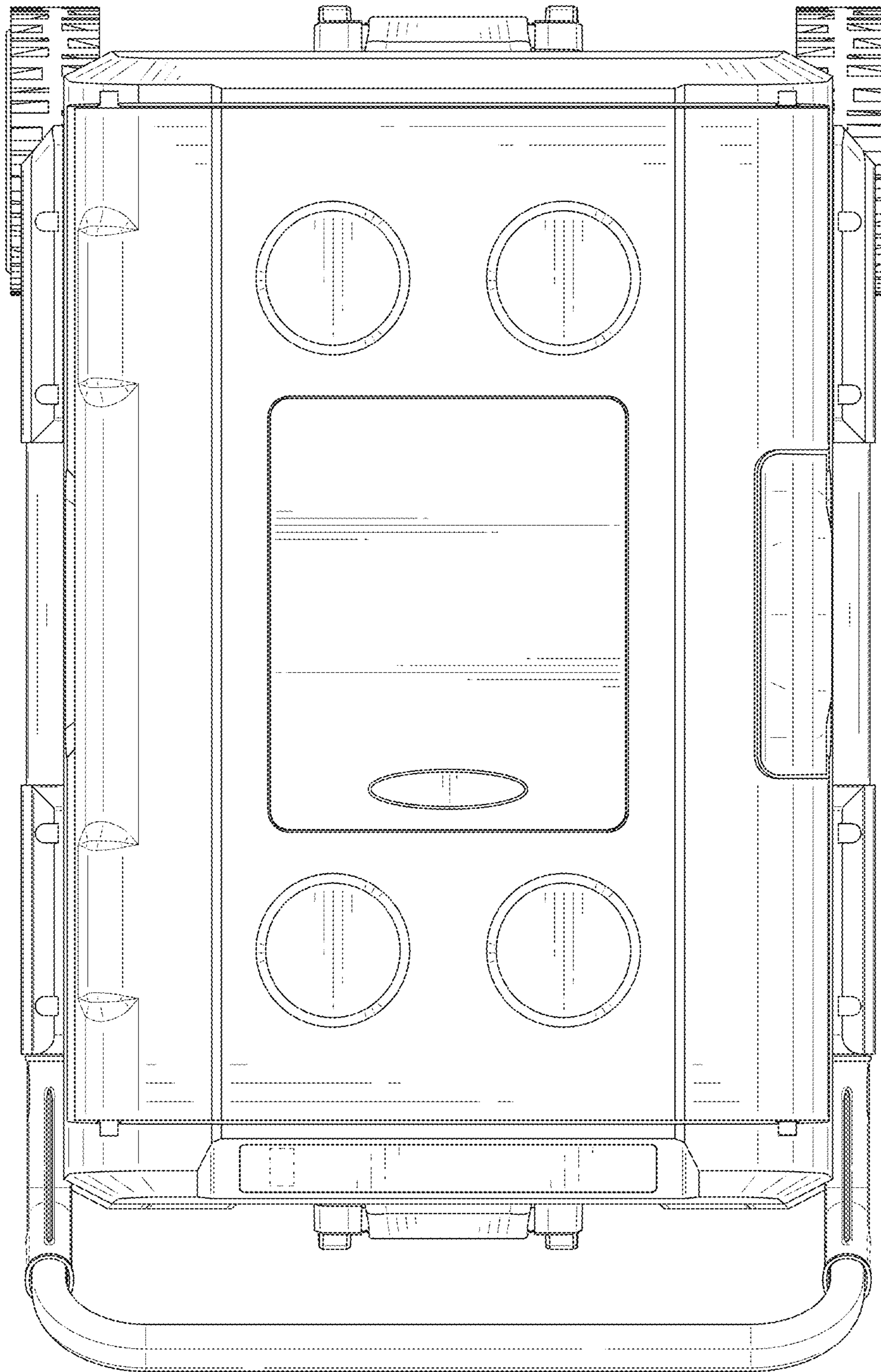


FIG. 7

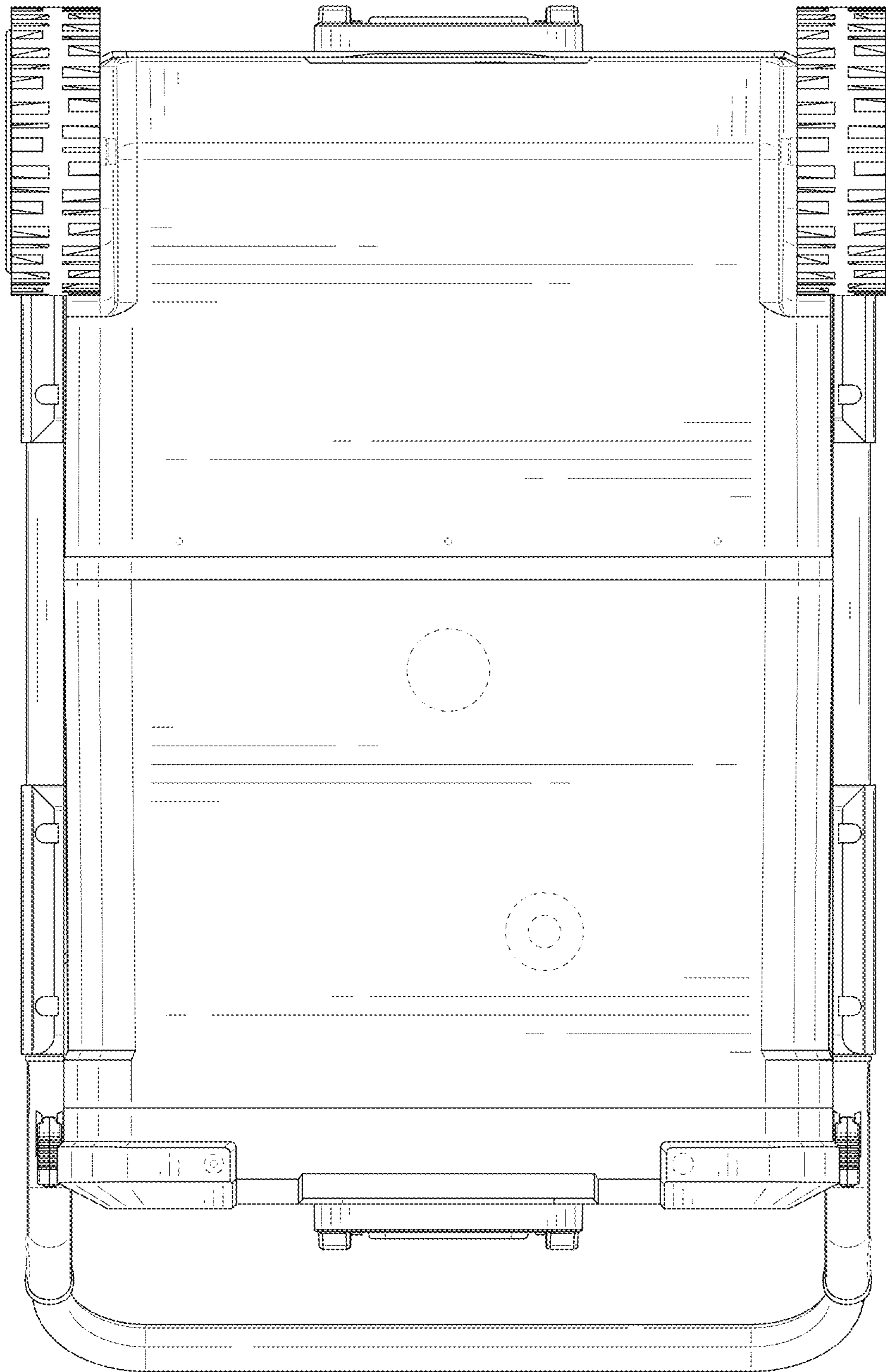


FIG. 8

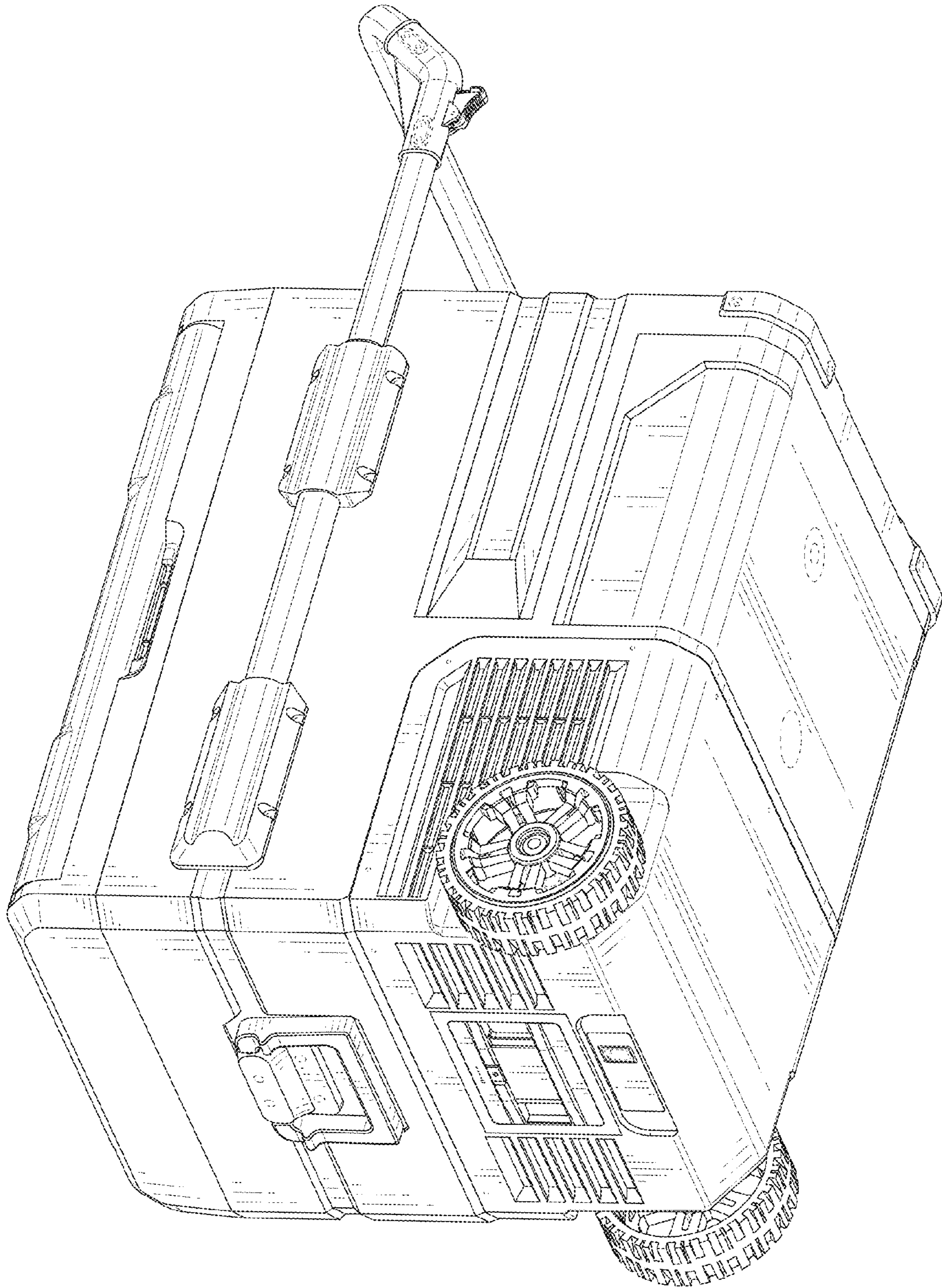


FIG. 9

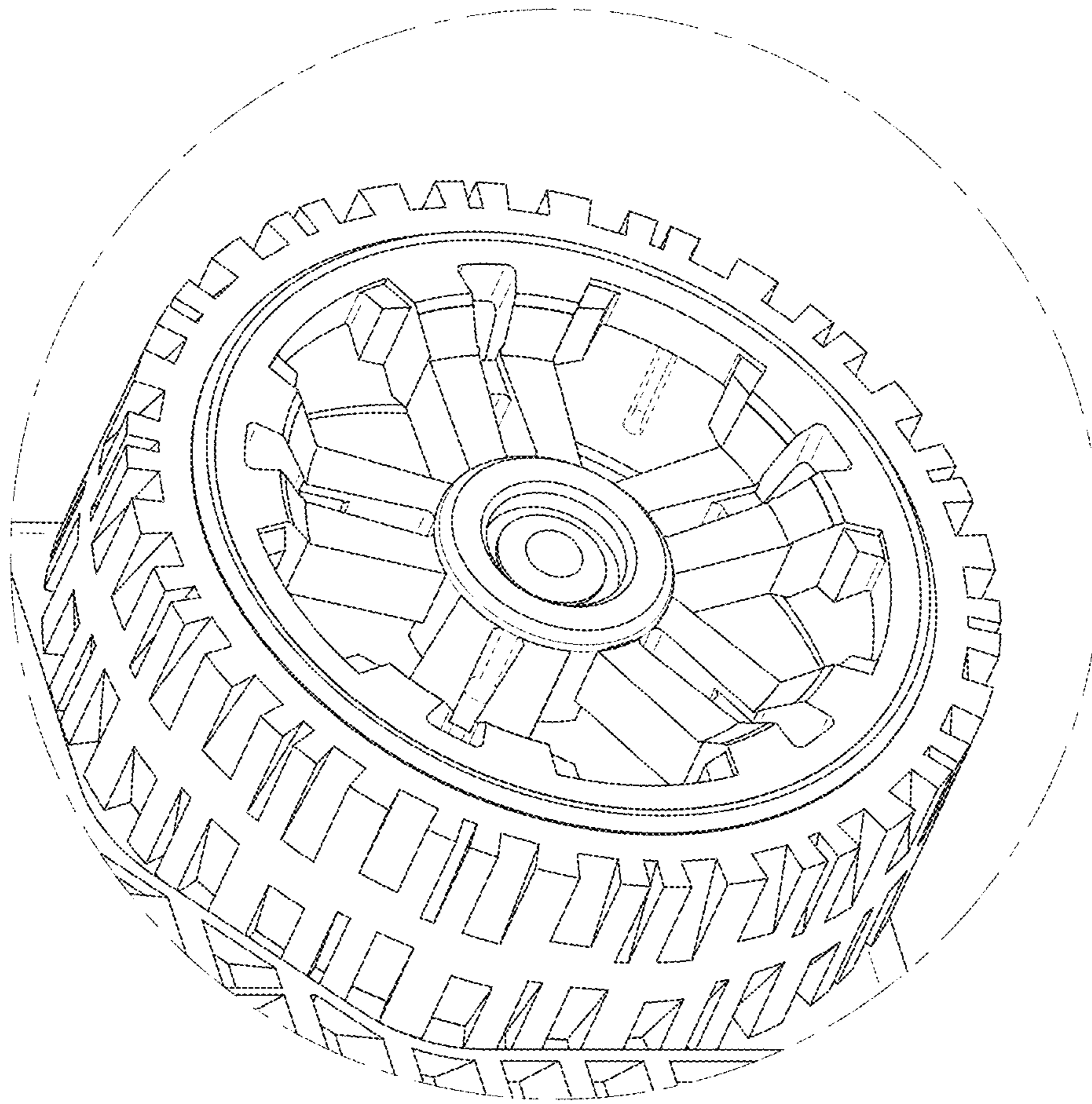


FIG. 10



FIG. 11

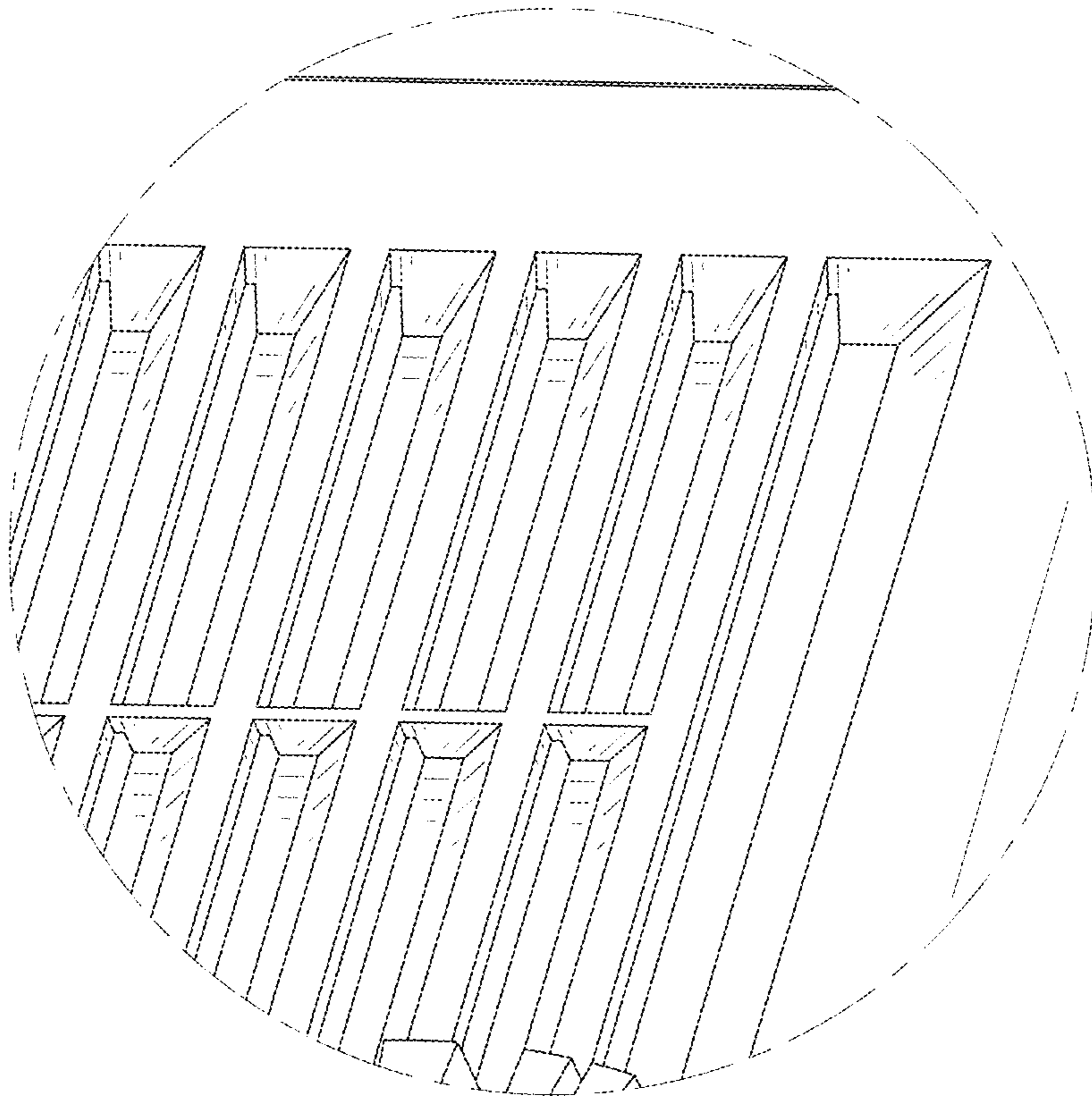


FIG. 12

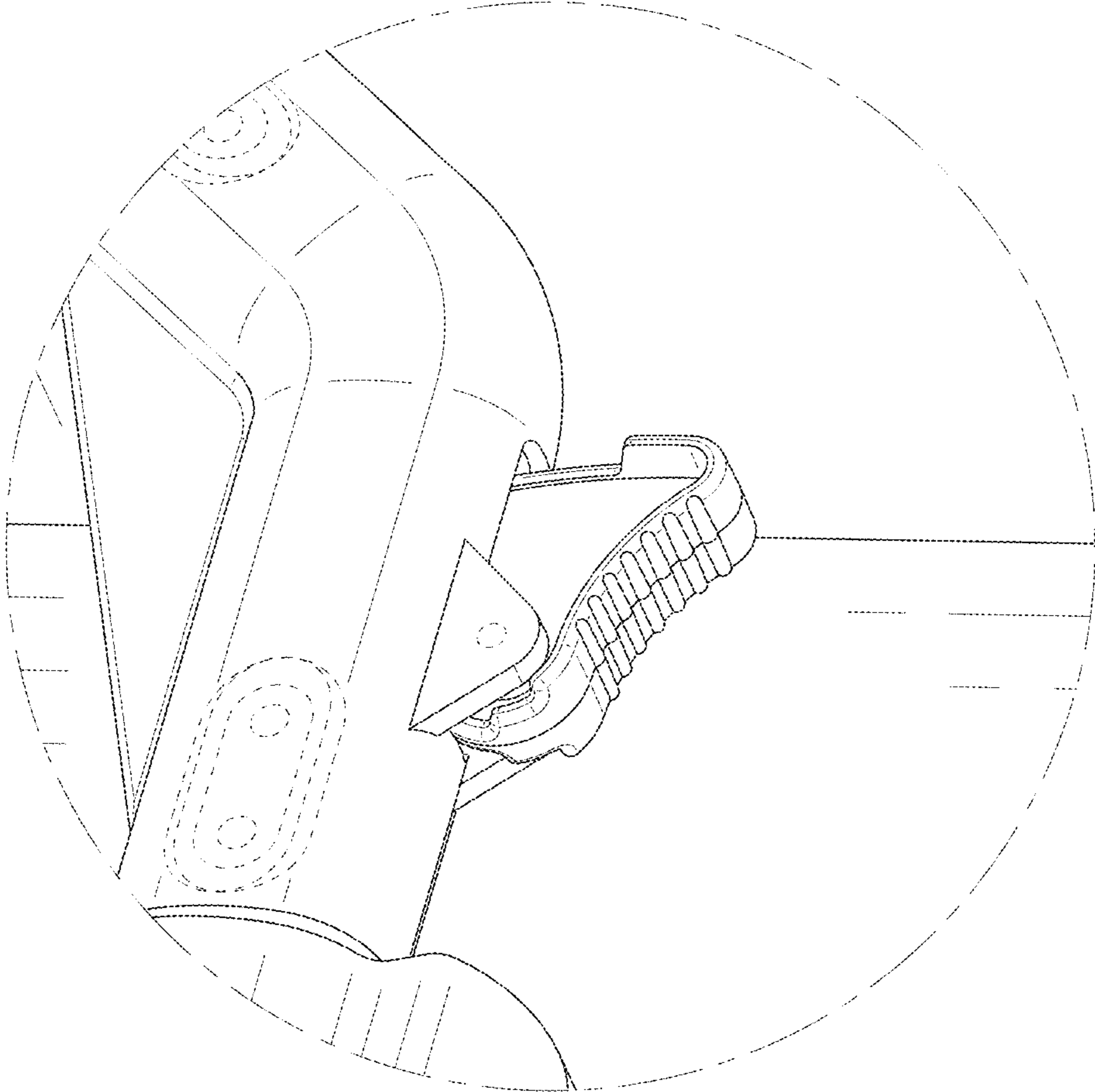


FIG. 13