



US0D1043761S

(12)

United States Design Patent

Cestonaro et al.

(10)

Patent No.:

US D1,043,761 S

(45)

Date of Patent:

** Sep. 24, 2024

(54) ROBOTIC LAWN MOWER

(56) References Cited

(71) Applicant: **Positec Power Tools (Suzhou) Co., Ltd.**, Suzhou (CN)

(72) Inventors: **Andrea Igor Cestonaro**, Vicenza (IT); **Paolo Andriolo**, Vicenza (IT); **Wang Huo**, Suzhou (CN); **Xinjie Qu**, Suzhou (CN)

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

(21) Appl. No.: **35/517,695**

(22) Filed: **Jul. 5, 2022**

(80) **Hague Agreement Data**

Int. Filing Date: **Jul. 5, 2022**

Int. Reg. No.: **DM/223347**

Int. Reg. Date: **Jul. 5, 2022**

Int. Reg. Pub. Date: **Jul. 7, 2023**

U.S. PATENT DOCUMENTS

D504,901	S	*	5/2005	Wickstrom	.....	D15/14
D652,431	S	*	1/2012	Naslund	.....	D15/14
D656,163	S	*	3/2012	Johansson	.....	D15/14
D678,352	S	*	3/2013	Maeda	.....	D15/17
D679,294	S	*	4/2013	Tajik	.....	D15/17
D679,295	S	*	4/2013	Tajik	.....	D15/17
D688,276	S	*	8/2013	Naslund	.....	D15/17
D691,675	S	*	10/2013	Kim	.....	D21/533
D718,340	S	*	11/2014	Damshak	.....	D15/14
D718,793	S	*	12/2014	Gur	.....	D15/14
D758,455	S	*	6/2016	Maibach	.....	D15/17
D760,806	S	*	7/2016	Cmich	.....	D15/17
D776,169	S	*	1/2017	Cmich	.....	D15/17
D781,926	S	*	3/2017	Al-Hashimi	.....	D15/14
D796,555	S	*	9/2017	Landberg	.....	D15/17
D830,418	S	*	10/2018	Näslund	.....	D15/17

(Continued)

Primary Examiner — Patricia A Palasik

(57) CLAIM

The ornamental design for a robotic lawn mower, as shown and described.

DESCRIPTION

1. Robotic lawn mower

4.1 is a top perspective view of a robotic lawn mower showing the new design;

4.2 is a front view thereof;

4.3 is a back view thereof;

4.4 is a left-side view thereof;

4.5 is a right-side view thereof;

4.6 is a top view thereof; and

4.7 is a bottom view thereof.

The dashed broken lines depict portions of the robotic lawn mower that form no part of the claimed design. The dot-dash lines represent a boundary of the claimed design and form not part of the claimed design.

1 Claim, 7 Drawing Sheets

(30) **Foreign Application Priority Data**

Jan. 5, 2022 (CN) 202230003199.9

Jan. 5, 2022 (CN) 202230003208.4

Jan. 5, 2022 (CN) 202230003229.6

Jan. 5, 2022 (CN) 202230003244.0

Jan. 5, 2022 (CN) 202230003246.X

(51) **LOC (14) Cl.** **15-03**

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

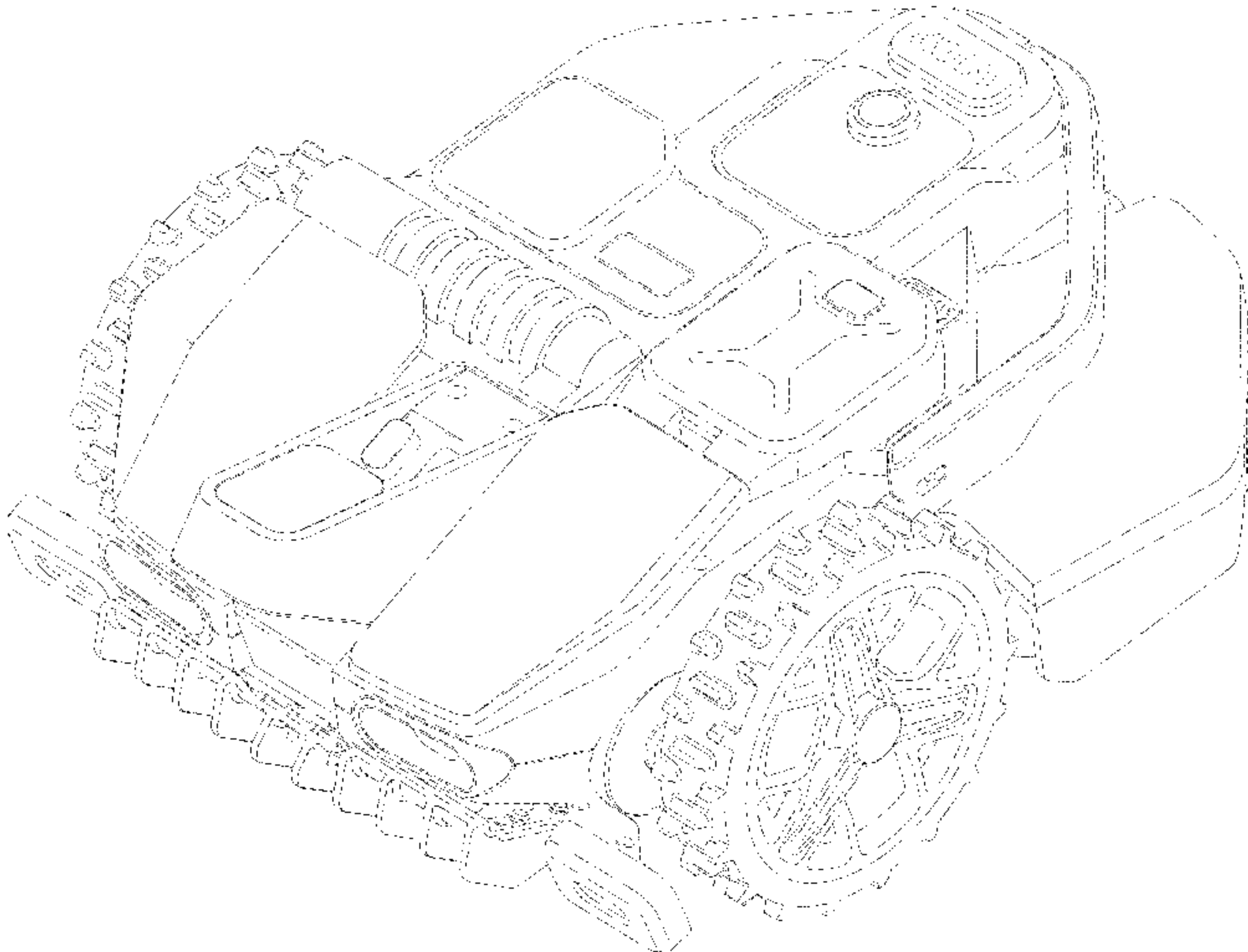
USPC **D15/14**; D15/199

(58) **Field of Classification Search**

USPC D12/1, 308; D15/14, 17, 18, 199; D21/398, 424, 456, 493, 495; D32/21

CPC A01D 34/00; A01D 34/81; A01D 34/009; A01G 3/04; A01G 3/0435; B60L 1/003; B60L 3/0061; B60L 11/1803; B60L 11/805; B60L 11/1877; B60L 15/20; B60L 2260/28; B60L 2200/40; B60L 2200/16; B60L 2200/46; B60L 2200/36; B60L 2200/421; E04H 4/1654

See application file for complete search history.



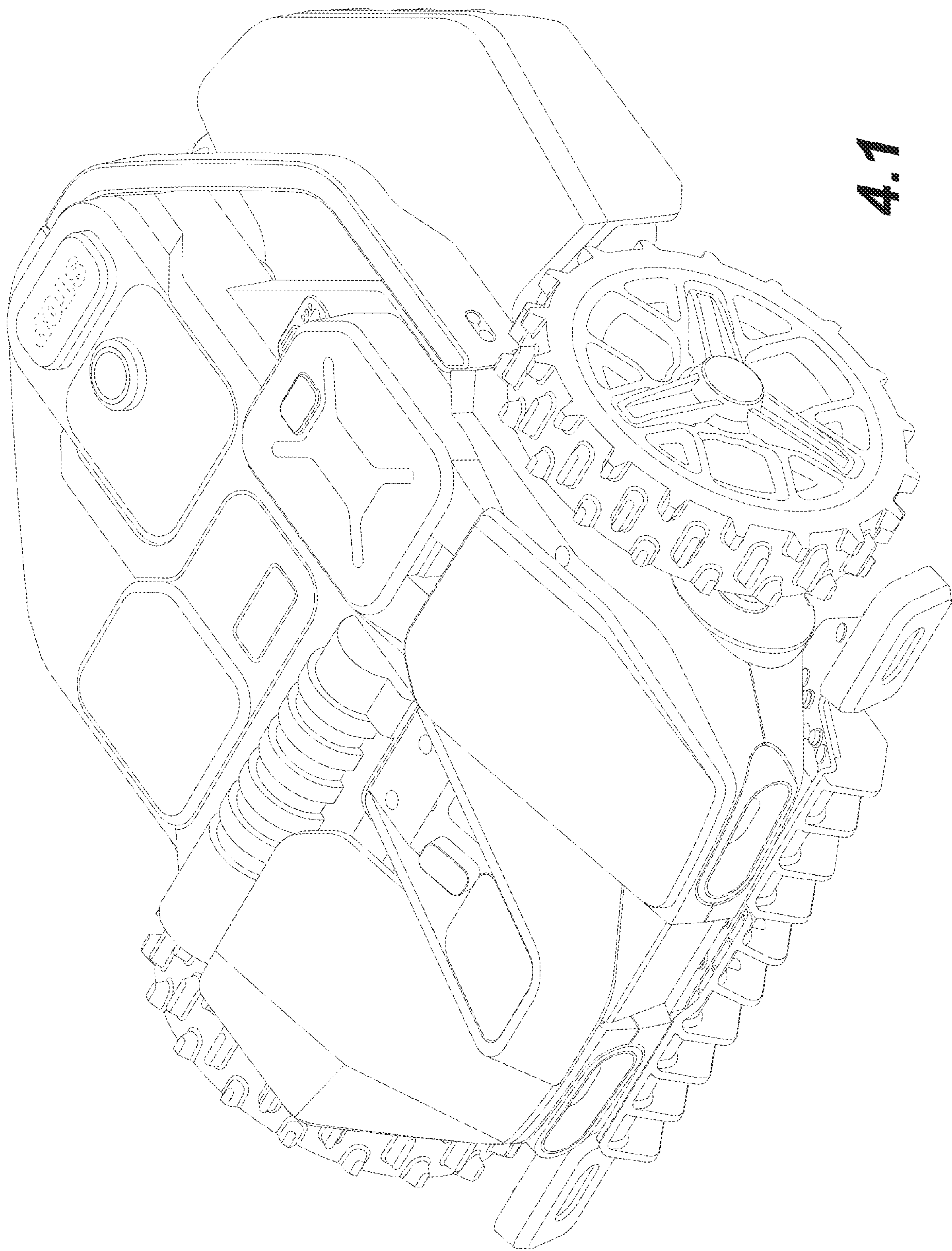
(56) **References Cited**

U.S. PATENT DOCUMENTS

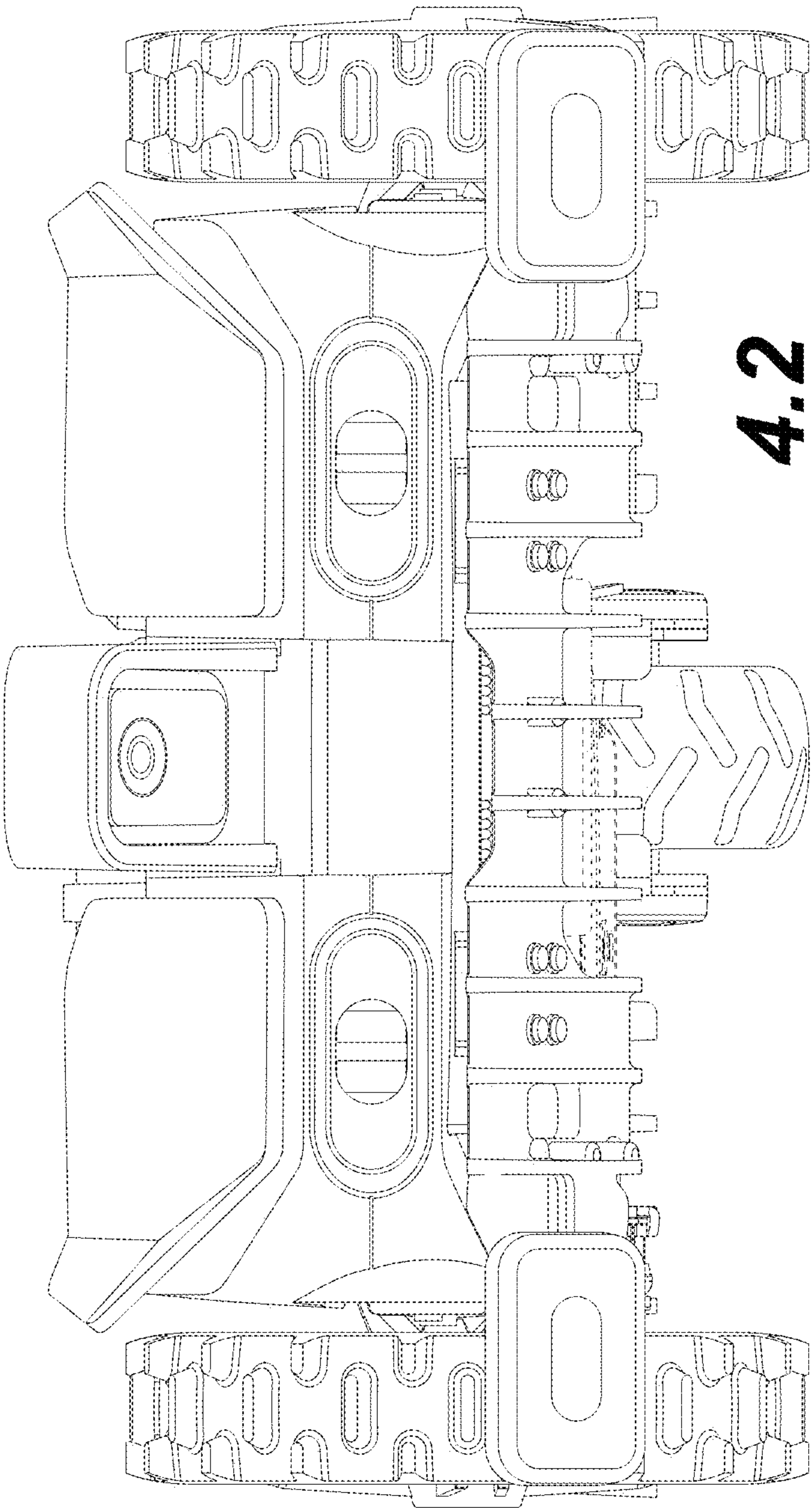
D853,447	S	*	7/2019	Mehra	.....	D15/17
D853,448	S	*	7/2019	Mehra	.....	D15/17
D870,401	S	*	12/2019	Supron	.....	D15/199
D880,532	S	*	4/2020	Gunnarsson	.....	D15/17
D881,252	S	*	4/2020	Vestberg	.....	D15/199
D889,517	S	*	7/2020	Prybor	.....	D15/17
D924,955	S	*	7/2021	Hoshino	.....	D15/199
D928,202	S	*	8/2021	Li	.....	D15/17
D940,761	S	*	1/2022	Mehra	.....	D15/17
D946,056	S	*	3/2022	Cestonaro	.....	D15/17
D946,631	S	*	3/2022	Örtlund	.....	D15/17
D946,632	S	*	3/2022	Yang	.....	D15/199
D970,561	S	*	11/2022	Cestonaro	.....	D15/17
D971,271	S	*	11/2022	Flanigan	.....	D15/17
D979,609	S	*	2/2023	Cestonaro	.....	D15/17
D980,873	S	*	3/2023	Raber	.....	D15/17
D997,997	S	*	9/2023	Schönecker	.....	D15/199
2018/0271014	A1	*	9/2018	Matsuzawa	.....	A01D 34/826
2019/0208700	A1	*	7/2019	Hahn	.....	G05D 1/0248
2019/0380267	A1	*	12/2019	Maggard	.....	A01D 34/57
2020/0383265	A1	*	12/2020	Holgersson	.....	A01D 34/008
2021/0235616	A1	*	8/2021	Stark	.....	B60R 21/0136
2022/0151146	A1	*	5/2022	Landin	.....	G05D 1/0231
2022/0272895	A1	*	9/2022	Ma	.....	A01D 34/64
2022/0274655	A1	*	9/2022	Ma	.....	A47L 9/009
2022/0338410	A1	*	10/2022	Larsson	.....	A01D 34/661
2023/0017821	A1	*	1/2023	Ma	.....	A01D 34/008
2023/0059756	A1	*	2/2023	Ullrich	.....	A01D 34/001
2023/0142590	A1	*	5/2023	Choi	.....	A01D 34/008

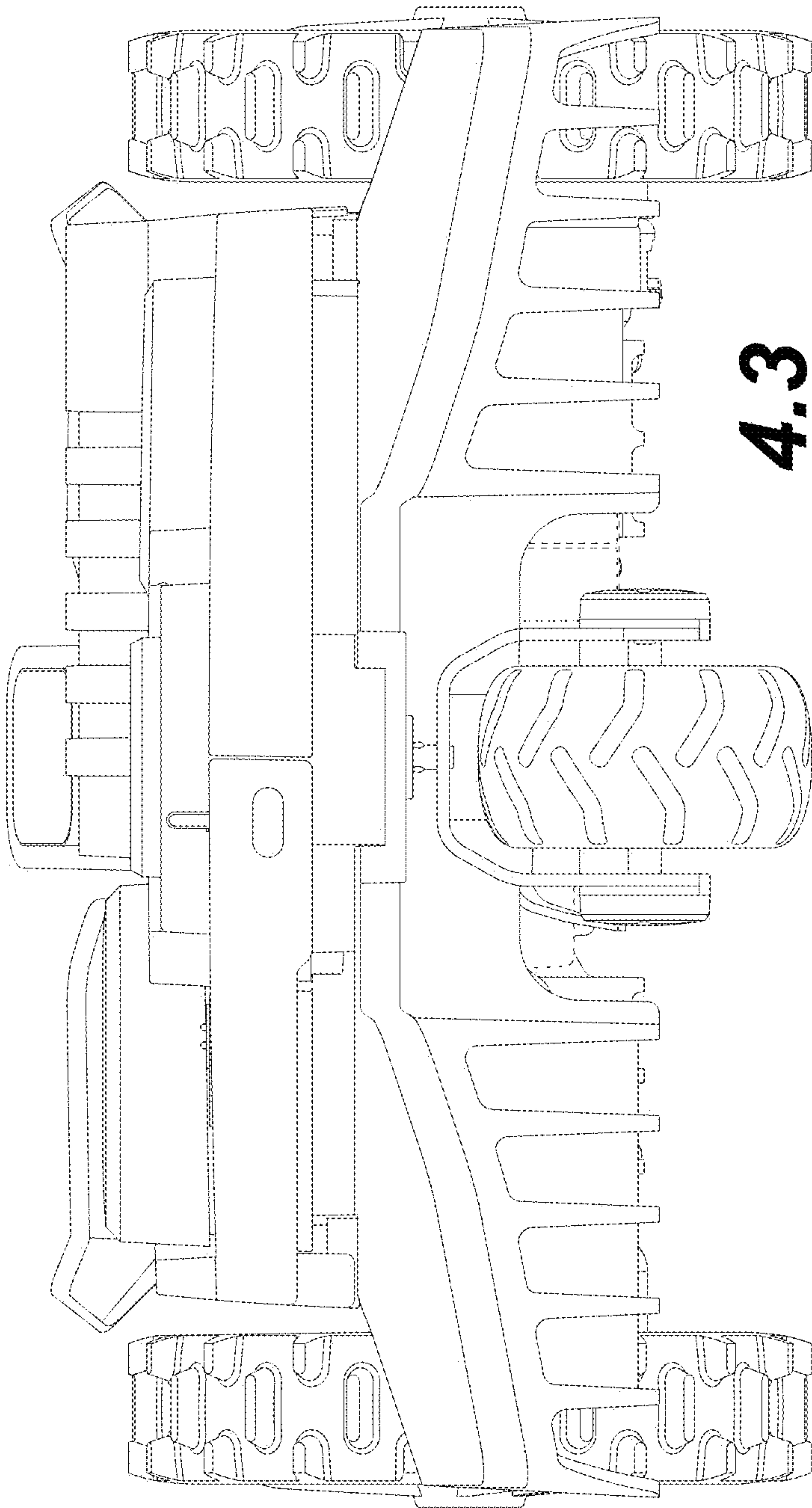
701/2

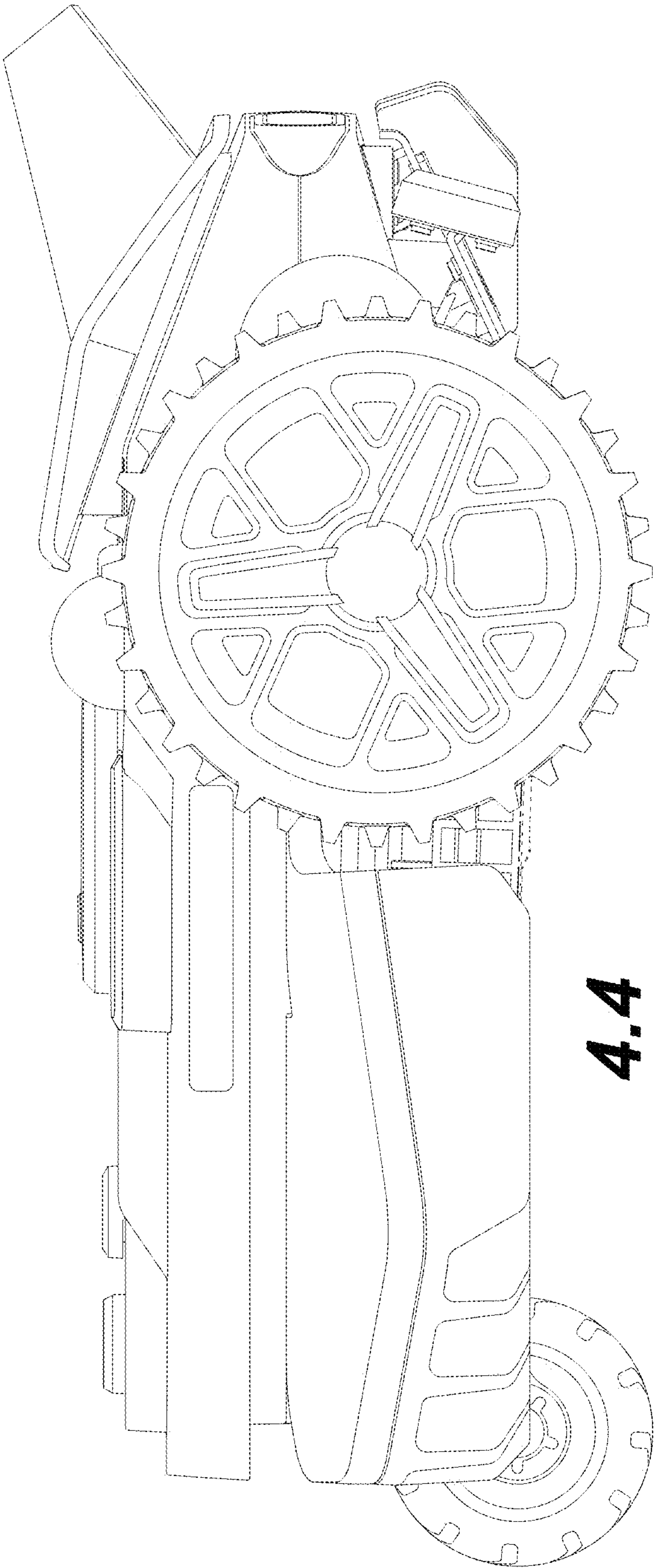
* cited by examiner

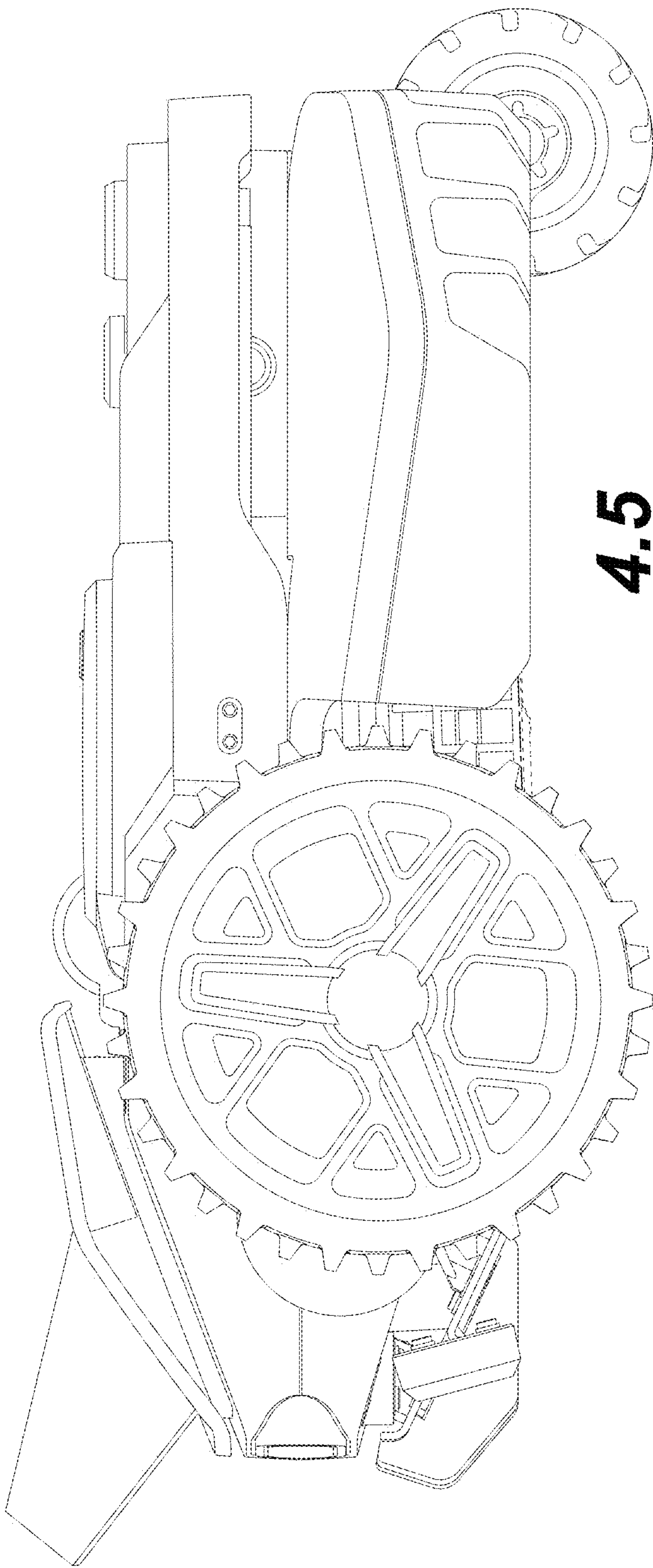


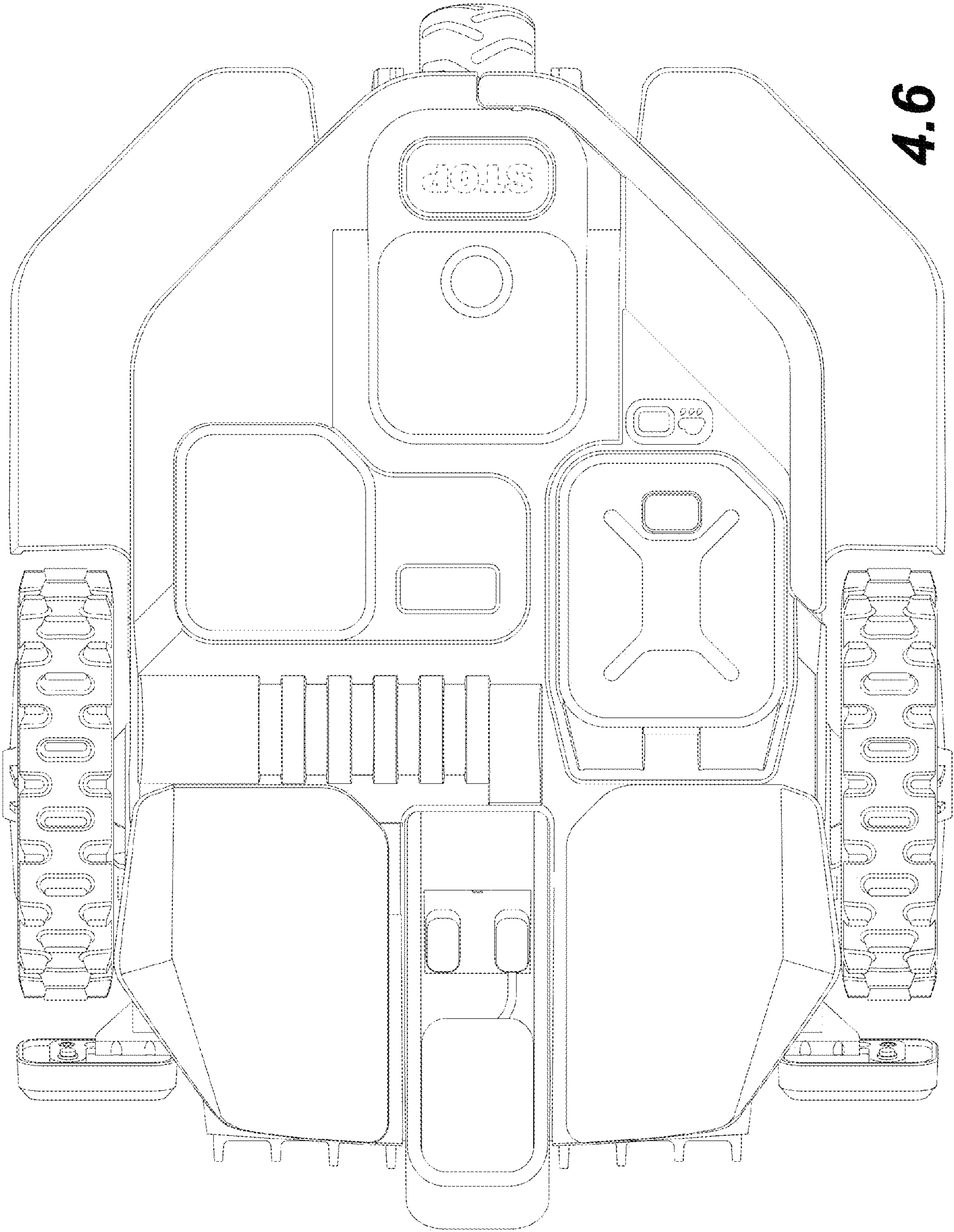
4.1



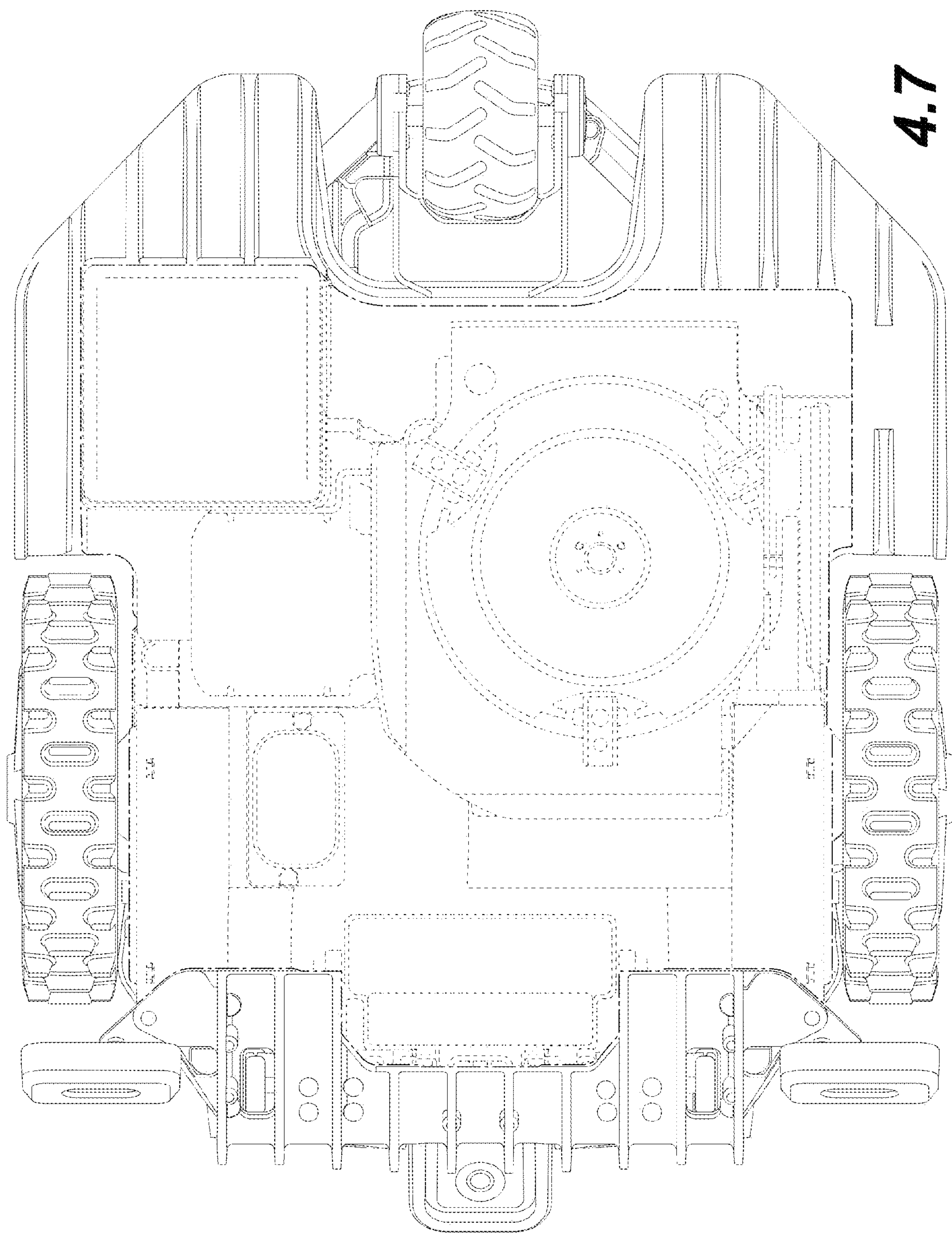








4.6



4.7