US00D882423S

(12) United States Design Patent

Tremp et al.

(10) Patent No.: US D882,423 S
(45) Date of Patent: ** Apr. 28, 2020

(54) **GROUND PENETRATING RADAR DETECTION DEVICE**

(71) Applicant: **PROCEQ AG**, Schwerzenbach (CH)

(72) Inventors: **Reto Tremp**, Benken (CH); **Simon Burdel**, Aarau (CH); **Patrick Waller**, Dubendorf (CH); **Marcel Poser**, Oberuzwil (CH); **Roman Schnell**, Basel (CH); **Ralph Mennicke**, Uster (CH)

(73) Assignee: **PROCEQ AG**, Schwerzenbach (CH)

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

(21) Appl. No.: **29/691,334**

(22) Filed: **May 15, 2019**

Related U.S. Application Data

(62) Division of application No. 35/504,987, filed on Nov. 24, 2017 (U.S. filing date under 35 U.S.C. 384), and having an international filing date of Nov. 24, 2017.

(30) **Foreign Application Priority Data**

Jun. 22, 2017 (CH) 143339

(51) **LOC (12) Cl.** **10-04**

(52) **U.S. Cl.**
USPC **D10/42**

(58) **Field of Classification Search**
USPC D10/42
CPC G01V 3/15; G01V 3/08; G01S 7/28; F28G 15/003; B41J 3/36; F41H 11/12
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D249,553	S	9/1978	Sturm	
6,333,631	B1 *	12/2001	Das	F41H 11/12 250/392
D651,102	S	12/2011	Schwenke	
D674,913	S	1/2013	Koop	
D684,871	S *	6/2013	Lintner	D10/47
D700,073	S	2/2014	Lintner	
D700,074	S *	2/2014	Lintner	D10/47
D721,287	S	1/2015	Dugas	
D732,987	S	6/2015	Zhu	
9,073,347	B2 *	7/2015	Feigin	B41J 3/36
D770,056	S	10/2016	Lacroix	
9,696,448	B2 *	7/2017	Olsson	G01V 3/15
D798,469	S	9/2017	Malvoisin	
D809,668	S	2/2018	Ramsamy	
10,083,767	B2 *	9/2018	Smith	F28G 15/003
D829,583	S	10/2018	Tremp	
10,088,563	B2 *	10/2018	Hall	G01S 7/28
10,310,071	B1 *	6/2019	Hull	G01V 3/08

* cited by examiner

Primary Examiner — George D. Krischbaum
(74) *Attorney, Agent, or Firm* — Muncy, Geissler, Olds & Lowe, P.C.

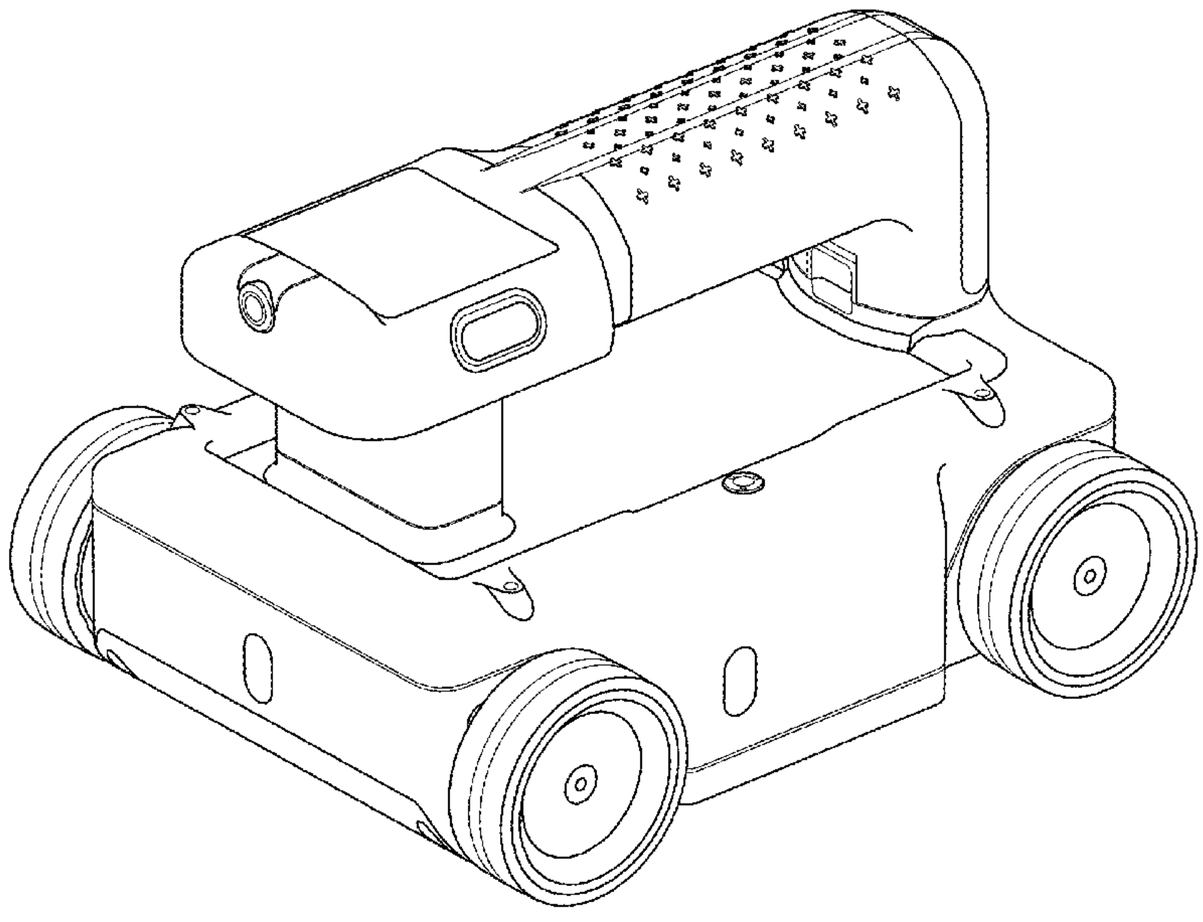
(57) **CLAIM**

The ornamental design for a ground penetrating radar detection device, as shown and described.

DESCRIPTION

FIG. **1** is a perspective view of the ground penetrating radar detection device showing our new design;
FIG. **2** is another perspective view thereof;
FIG. **3** is a front view thereof;
FIG. **4** is a back view thereof;
FIG. **5** is a left side view thereof;
FIG. **6** is a right side view thereof;
FIG. **7** is a top plan view thereof; and,
FIG. **8** is a bottom view thereof.

1 Claim, 8 Drawing Sheets



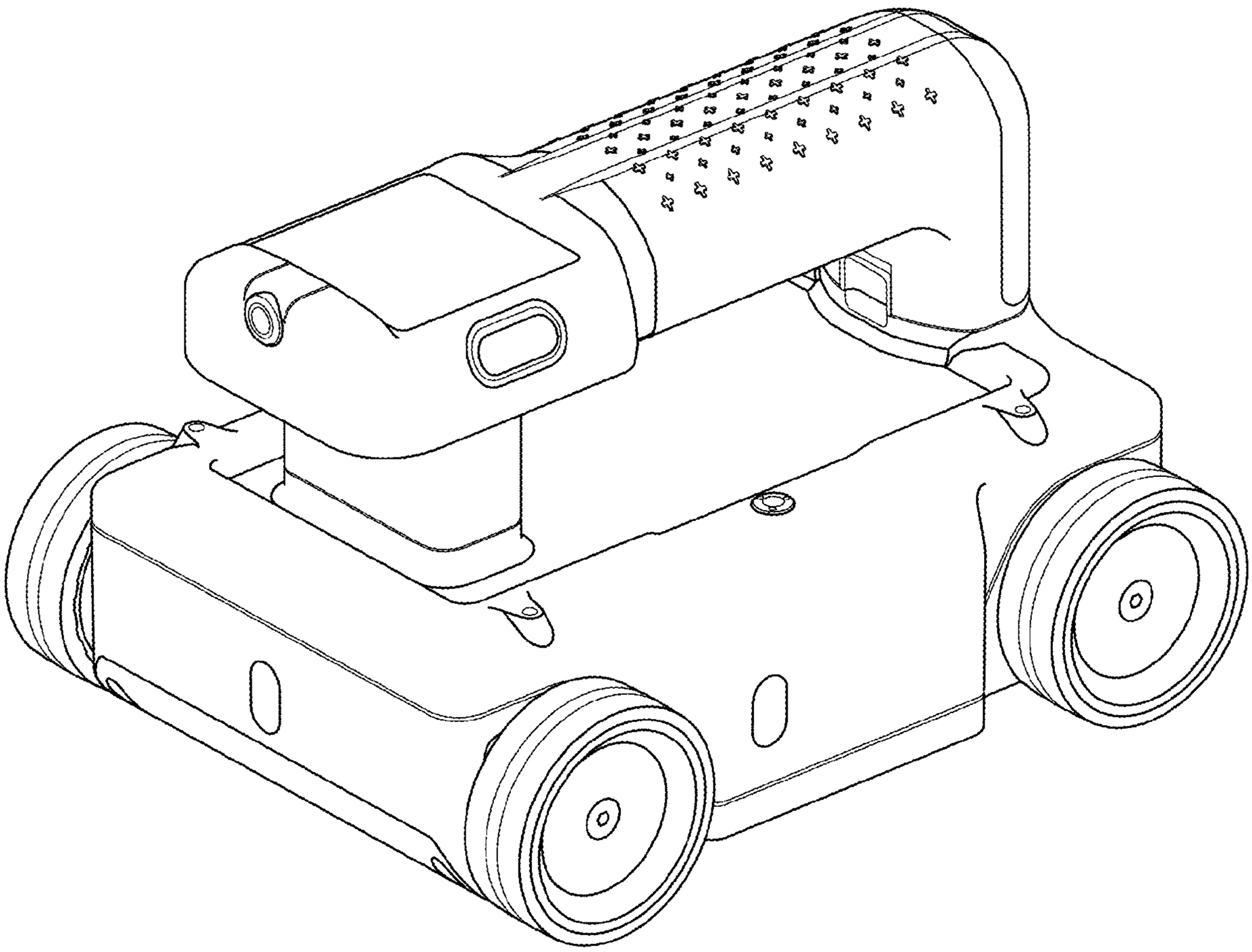


FIG.1

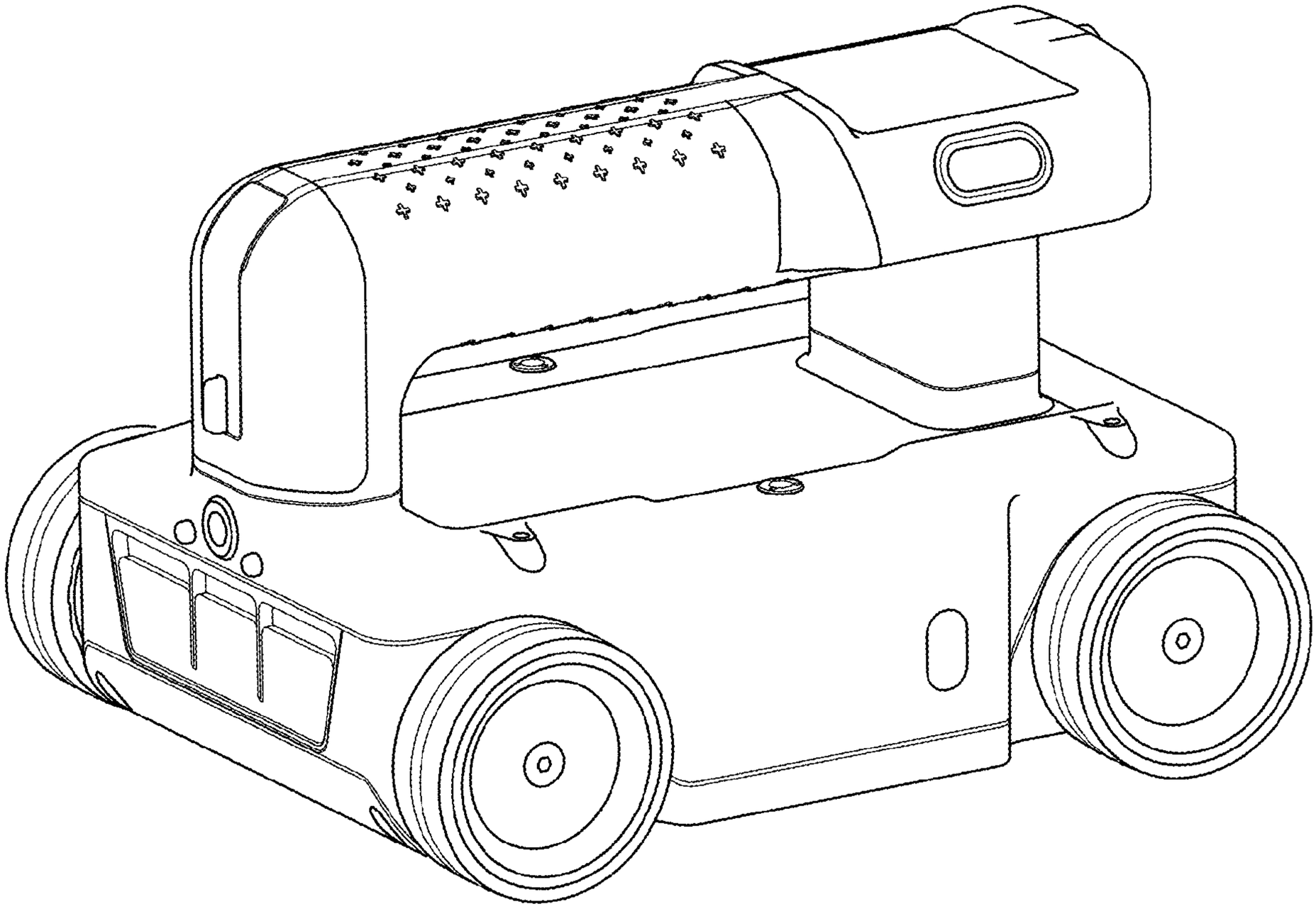


FIG.2

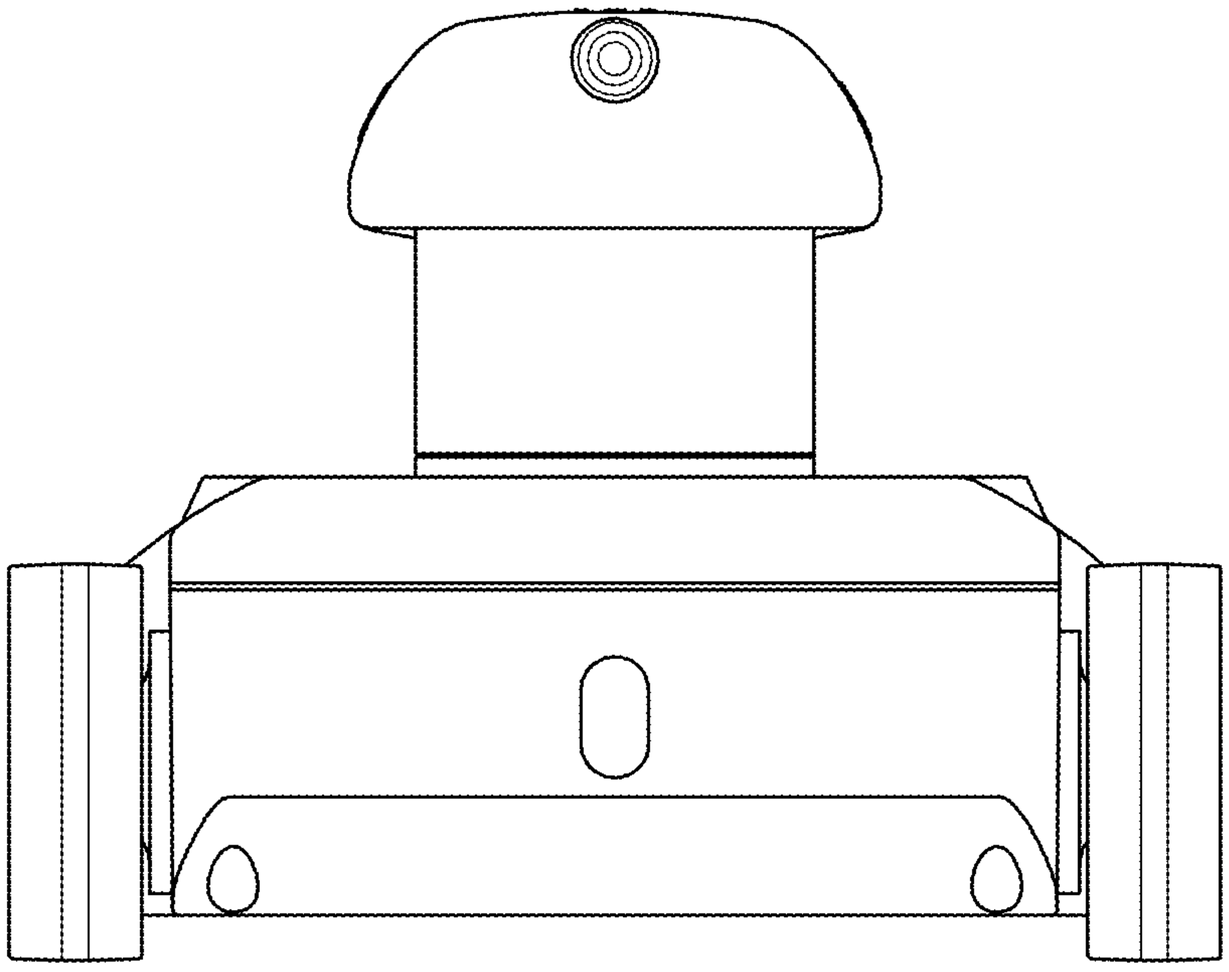


FIG.3

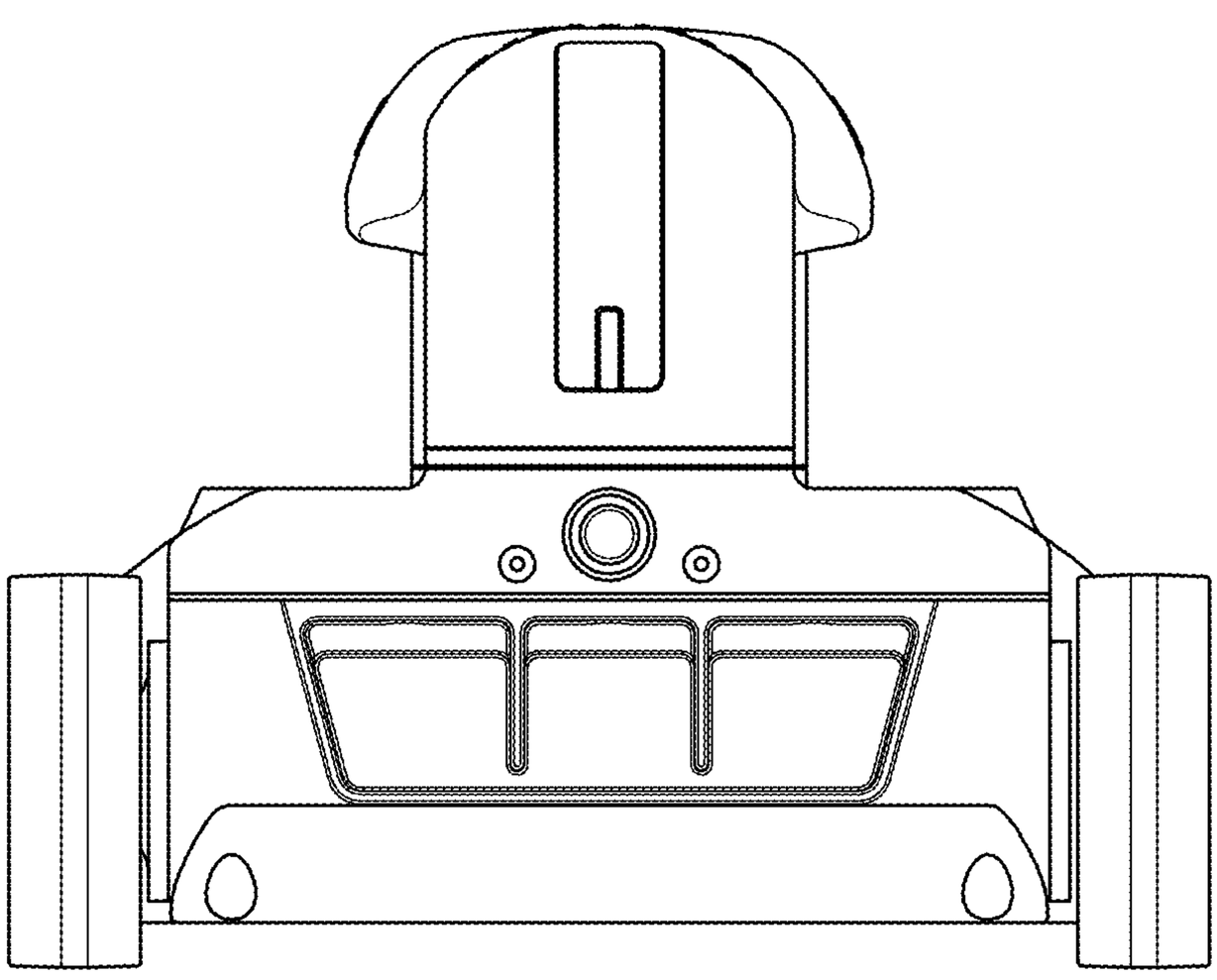


FIG.4

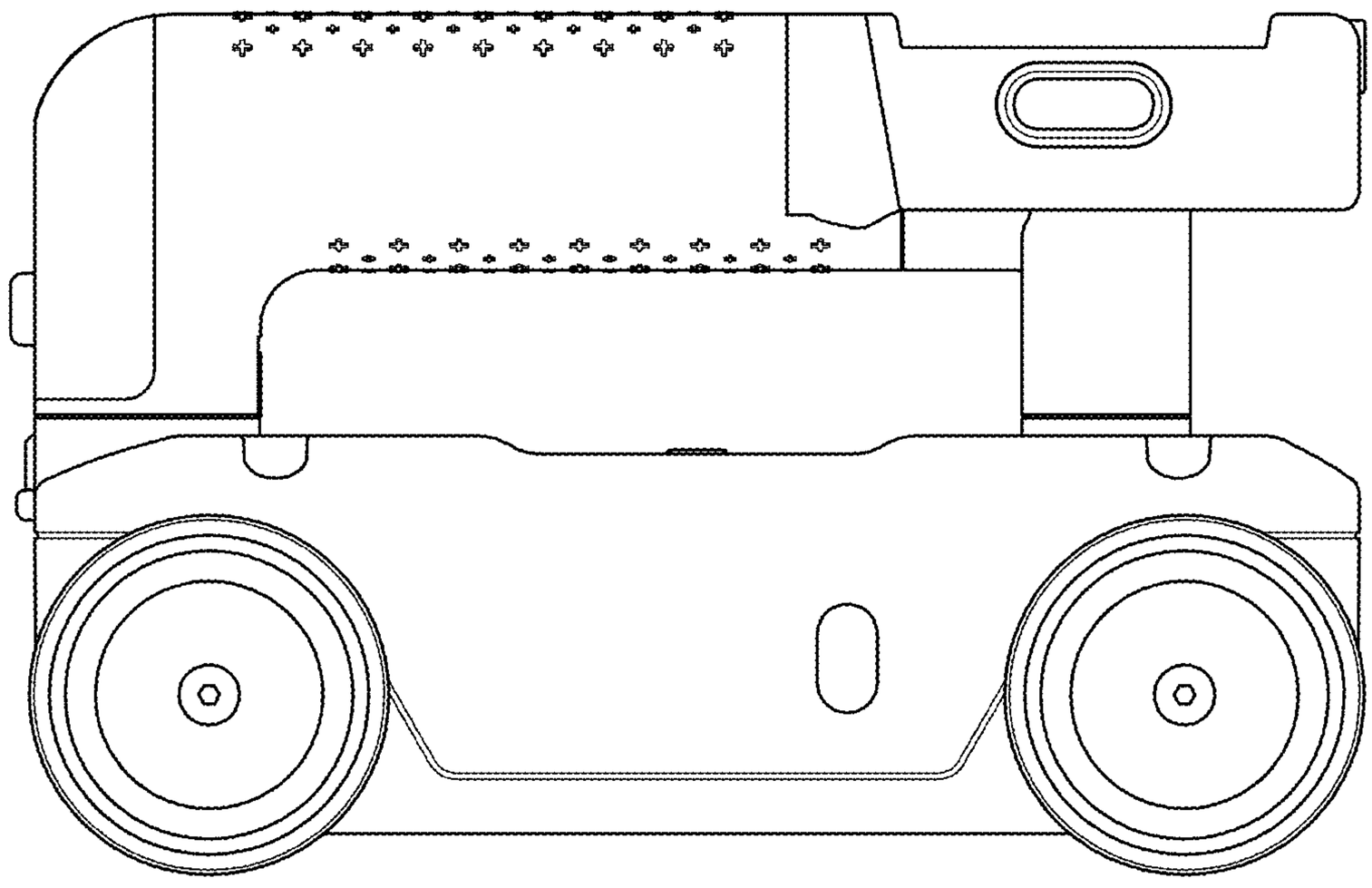


FIG.5

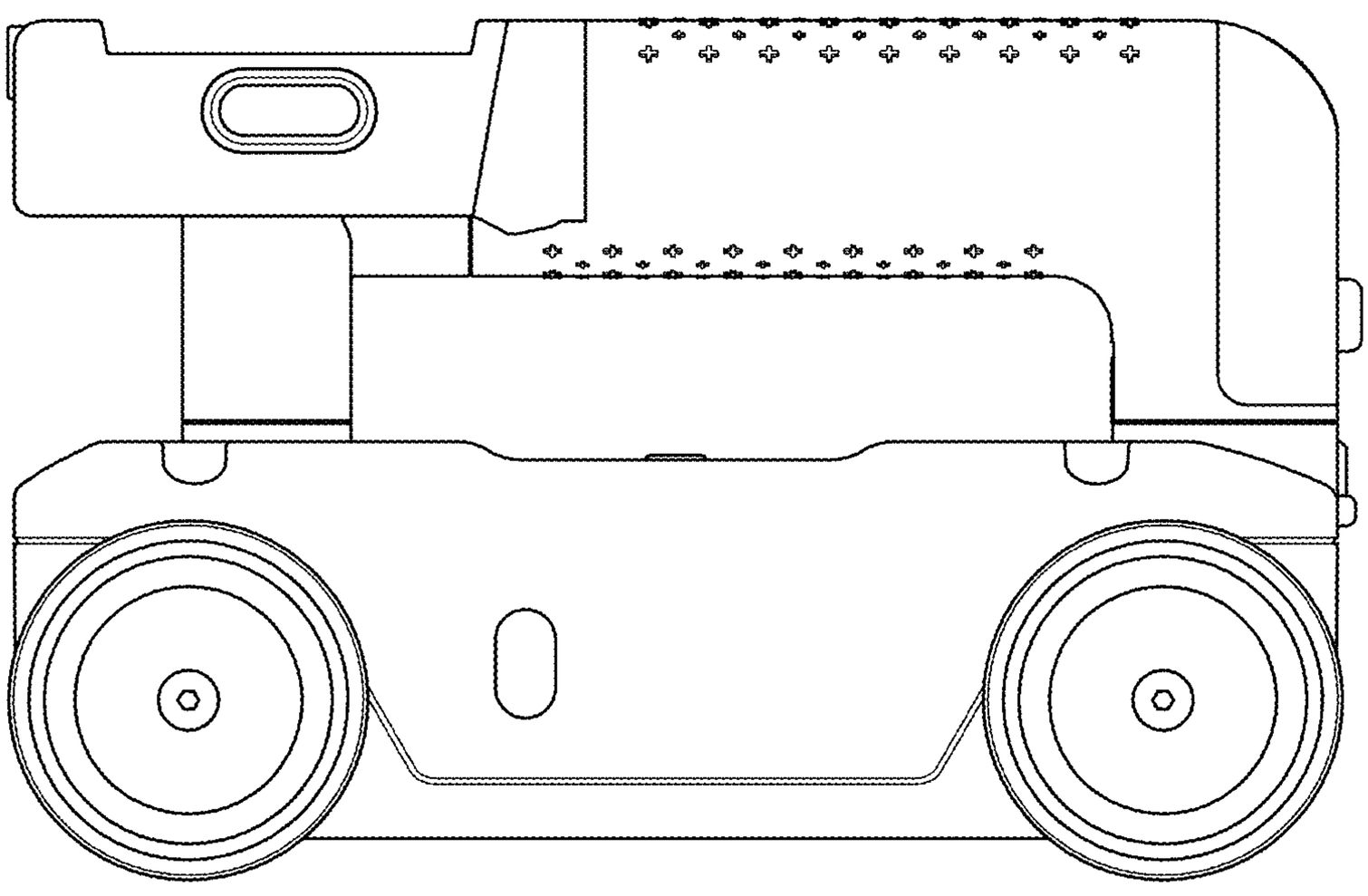


FIG.6

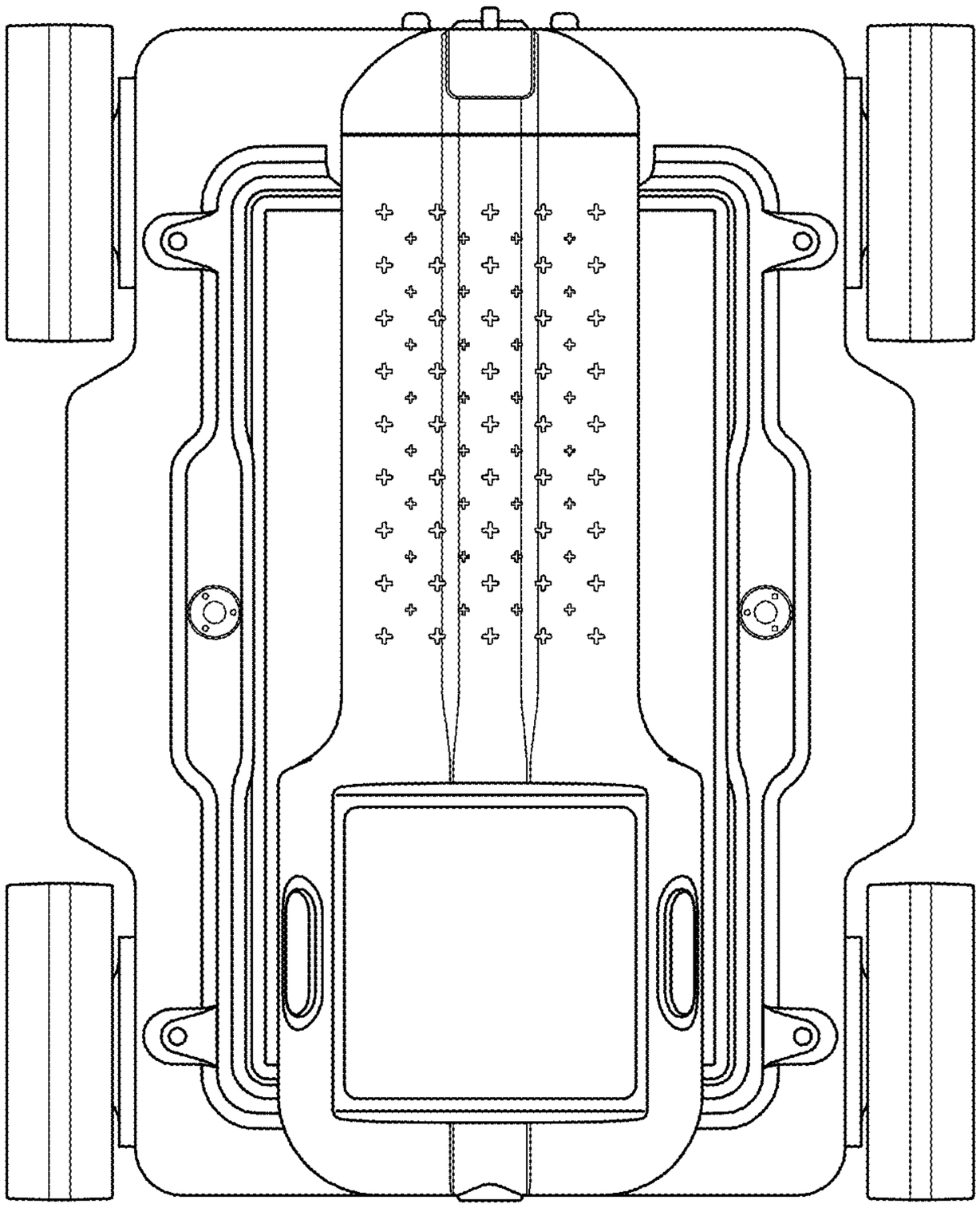


FIG.7

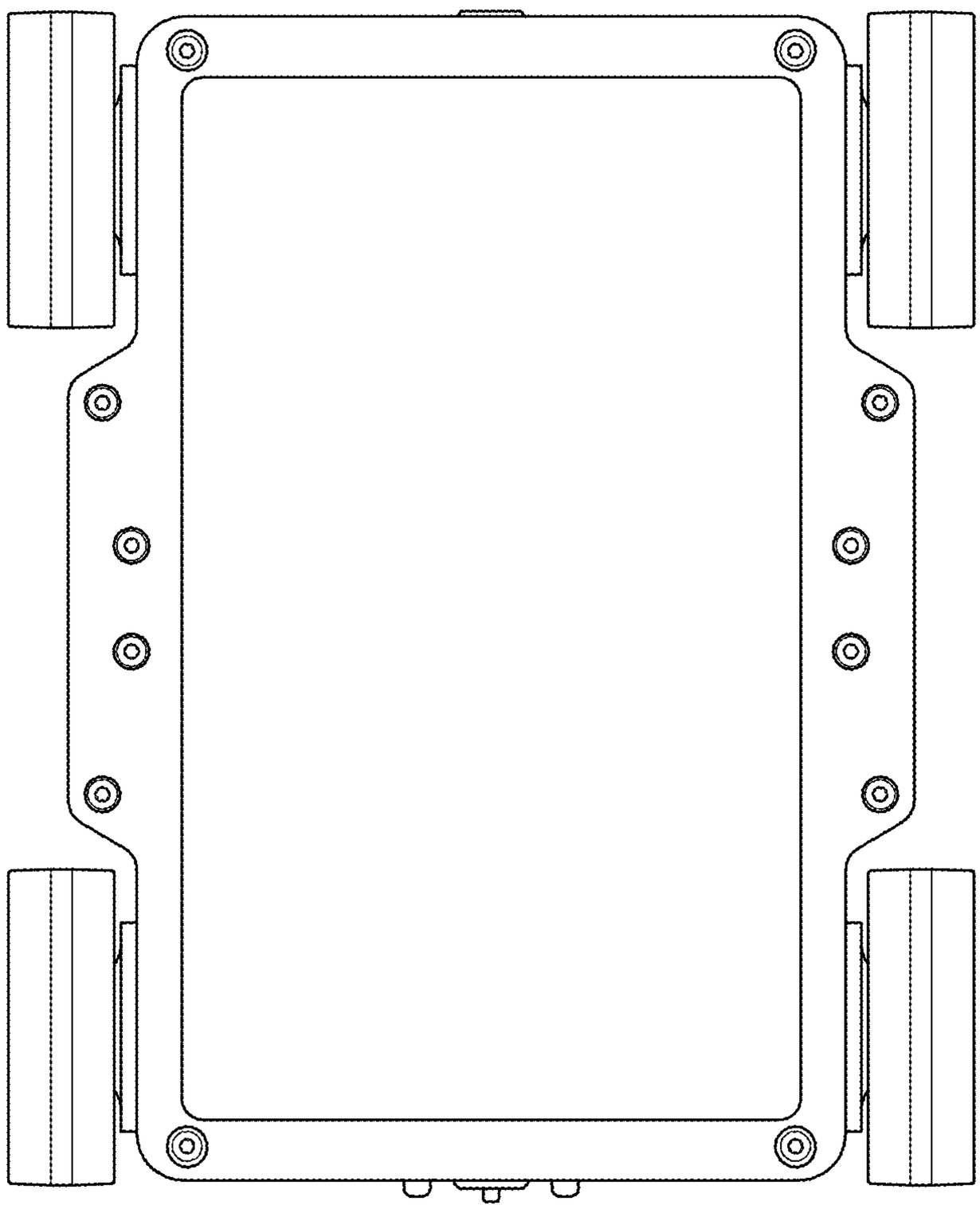


FIG.8