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

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- (54) **ROBOTIC VACUUM CLEANER**
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- (73) Assignee: **Beijing Roborock Technology Co., Ltd., Beijing (CN)**
- (**) Term: **15 Years**
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- (30) **Foreign Application Priority Data**
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- (51) **LOC (14) Cl.** **15-05**
- (52) **U.S. Cl.**
USPC **D32/21**
- (58) **Field of Classification Search**
USPC D32/15-24, 31-34
CPC A47L 9/2868; A47L 9/00; A47L 11/20;
A47L 11/30; A47L 11/40; A47L 9/009;
A47L 9/2805; A47L 9/22; A47L 11/4061
See application file for complete search history.

- (56) **References Cited**
U.S. PATENT DOCUMENTS
D840,617 S * 2/2019 Dou D32/21
10,394,248 B2 * 8/2019 Cao A47L 9/2805
D867,701 S * 11/2019 Mi D32/31

- D869,109 S * 12/2019 Yu D32/21
- 10,725,477 B2 * 7/2020 Nan G05D 1/0238
- D901,110 S * 11/2020 Li A47L 9/009
- D917,117 S * 4/2021 Cao D32/21
- D919,211 S * 5/2021 Chang D32/21
- D919,910 S * 5/2021 Li D32/21
- D921,308 S * 6/2021 Cao D32/21
- D921,309 S * 6/2021 Liu D32/21

(Continued)

FOREIGN PATENT DOCUMENTS

- CN 304926998 * 12/2018
- CN 305211139 * 6/2019

(Continued)

OTHER PUBLICATIONS

Roborock S7 review—Ultra efficient two-in-one cleaning (on-line), reviewed Mar. 24, 2021. Retrieved from Internet Aug. 25, 2022, URL: <https://www.zdnet.com/product/roborock-s7-robot-vacuum/> (3 pages) (Year: 2021).*

(Continued)

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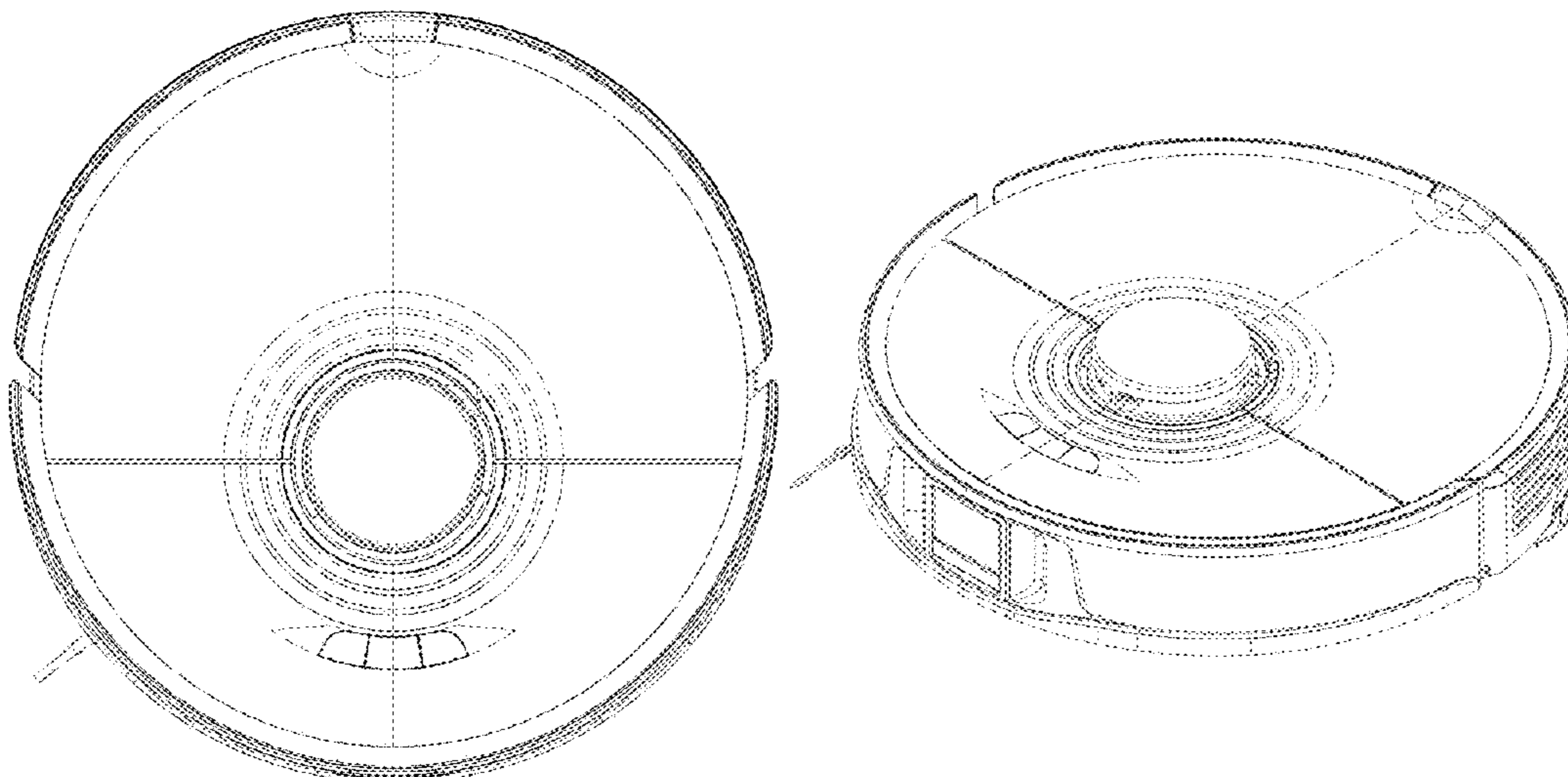
(57) **CLAIM**

The ornamental design for a robotic vacuum cleaner, as shown and described.

DESCRIPTION

- 1. Robotic vacuum cleaner
- 1.1 : Front
- 1.2 : Back
- 1.3 : Left
- 1.4 : Right
- 1.5 : Top
- 1.6 : Bottom
- 1.7 : Perspective

1 Claim, 7 Drawing Sheets



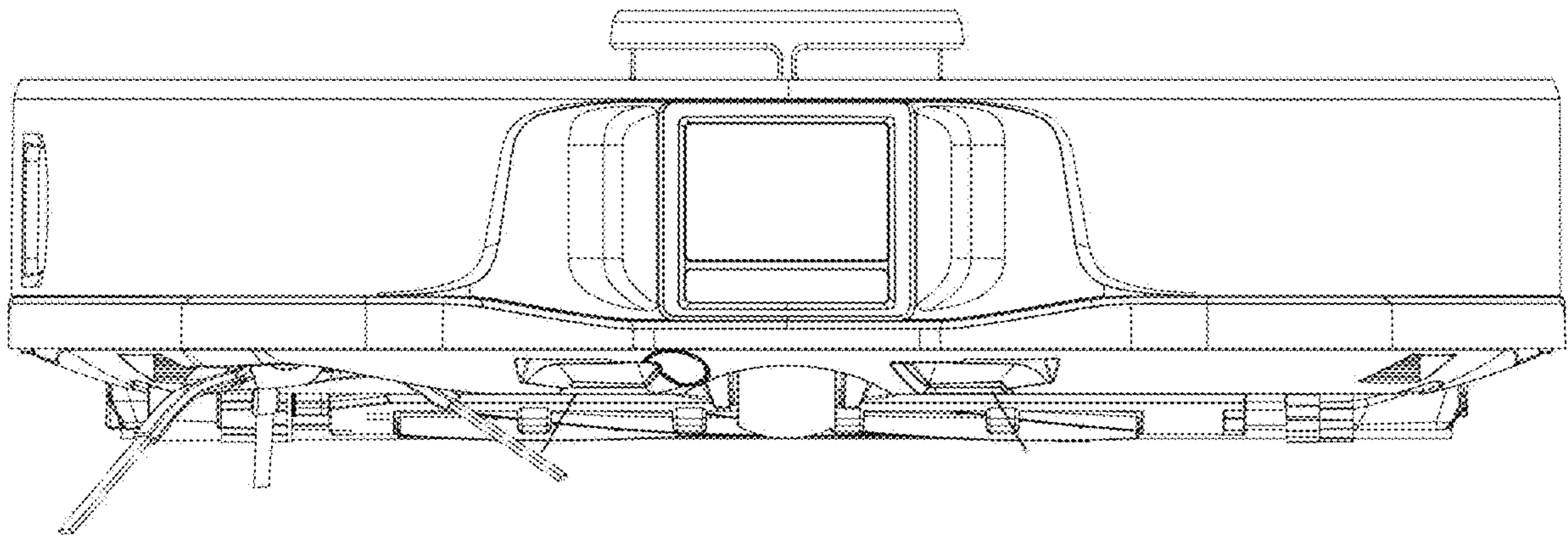


FIG. 1.1

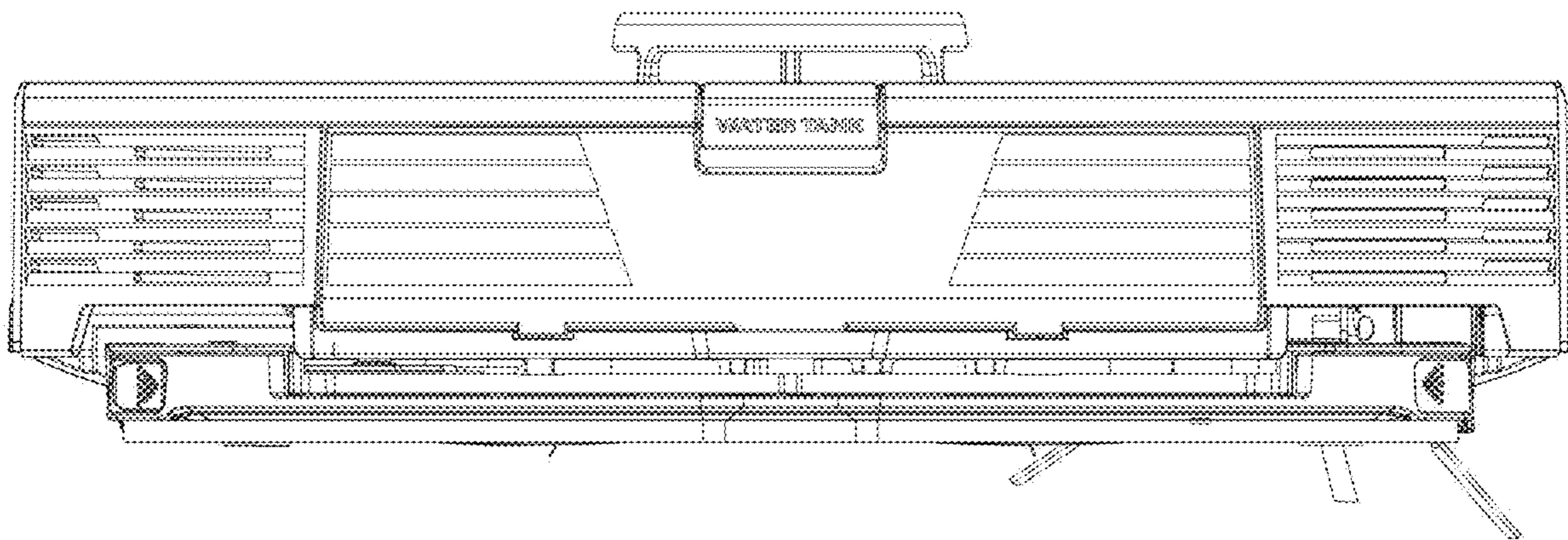


FIG. 1.2

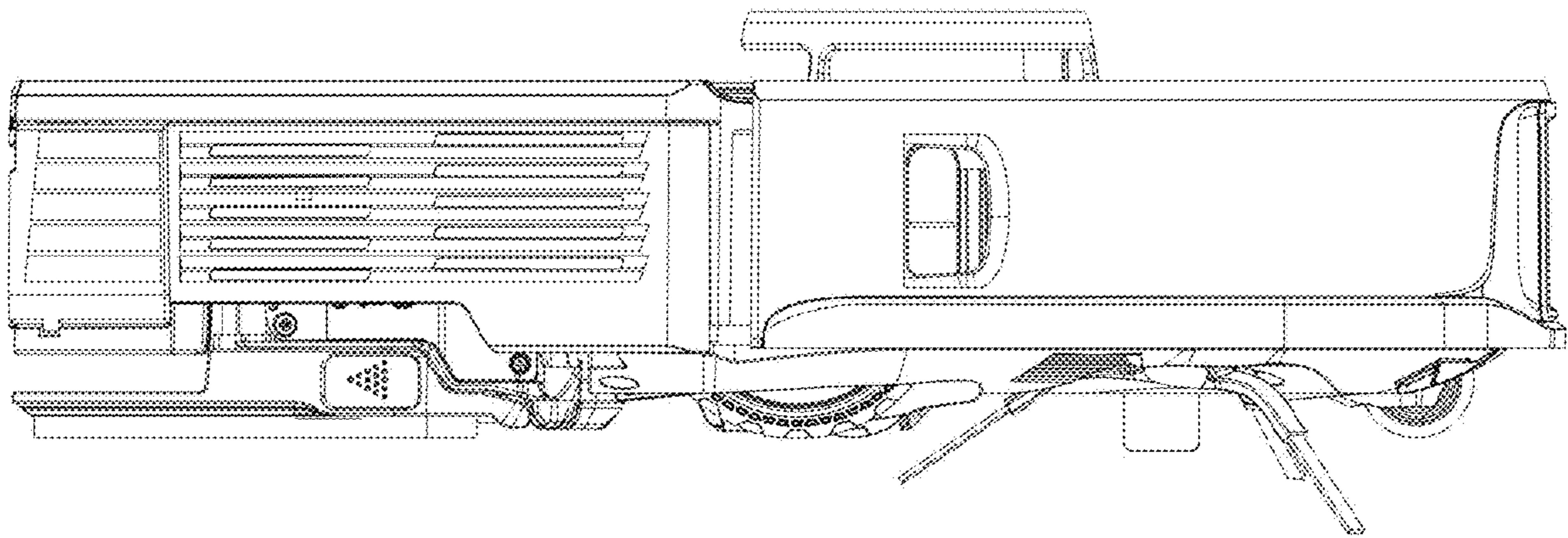


FIG. 1.3

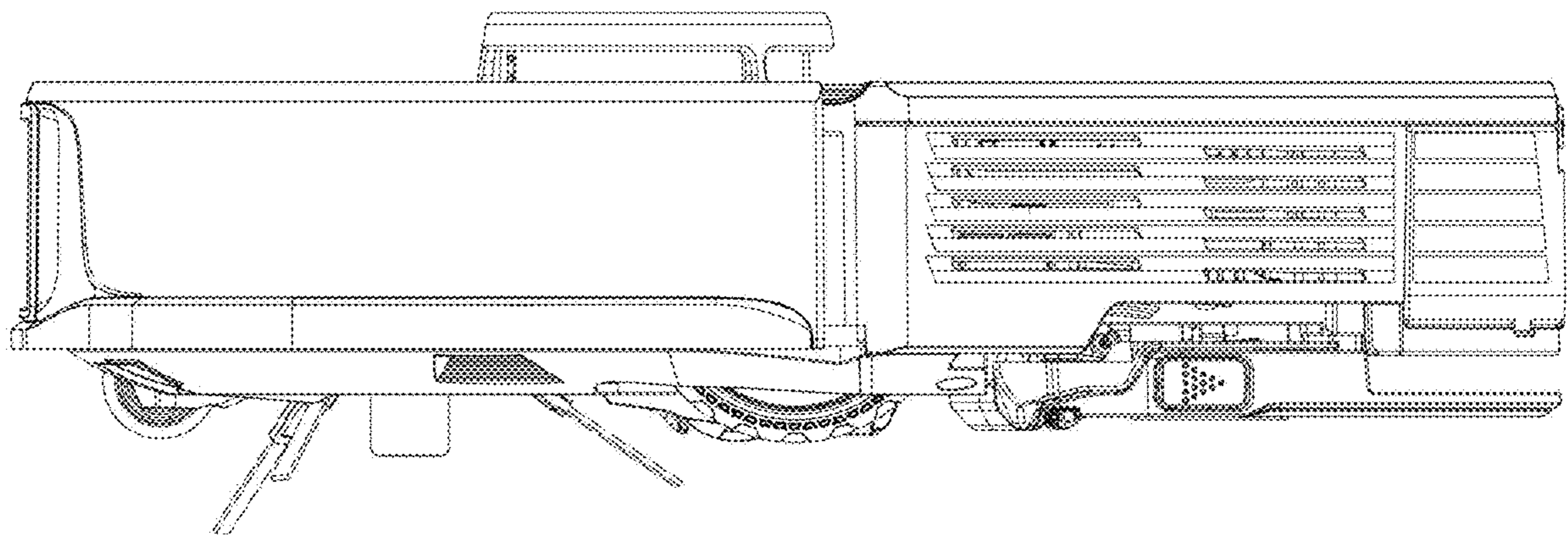


FIG. 1.4

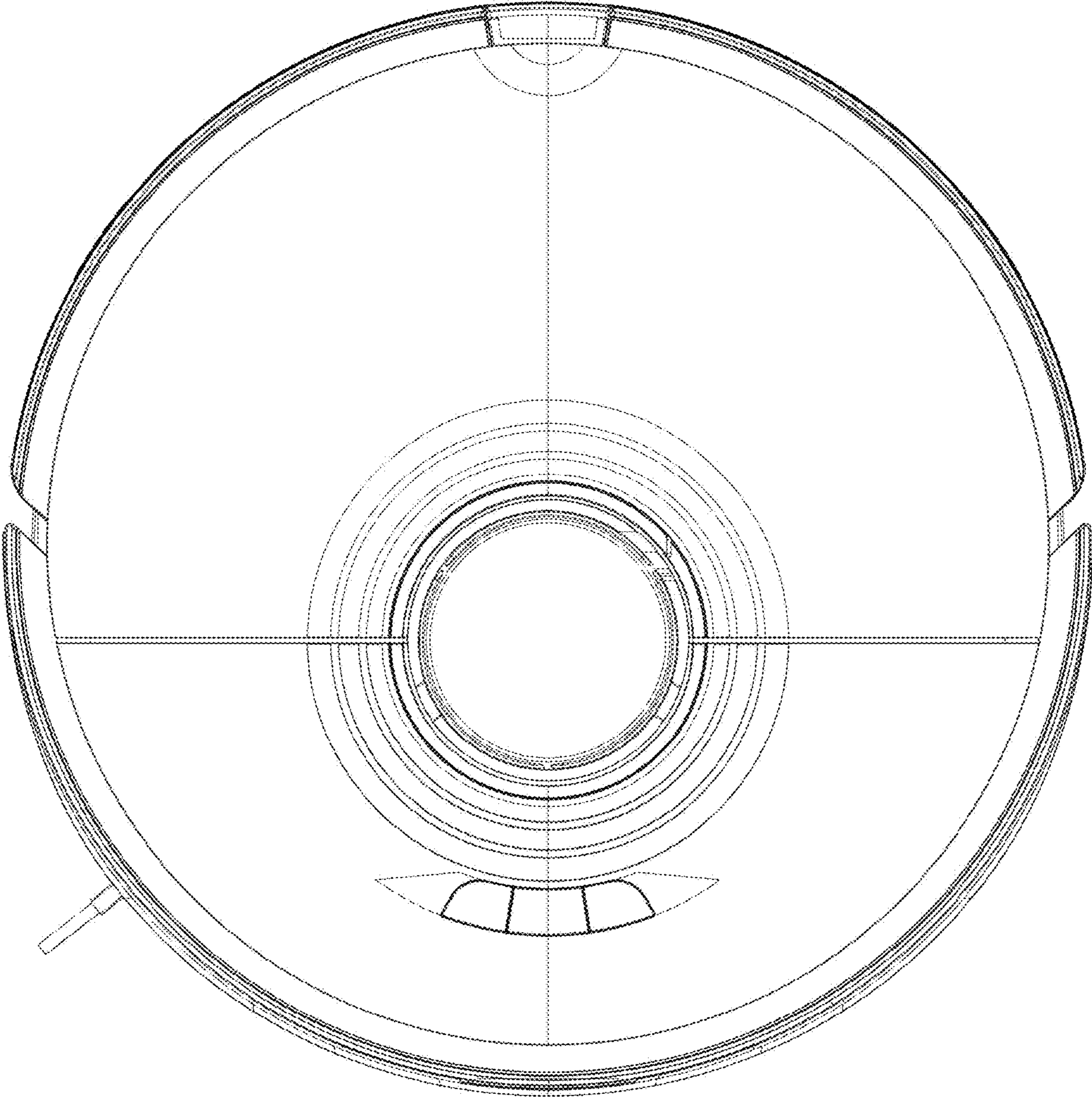


FIG. 1.5

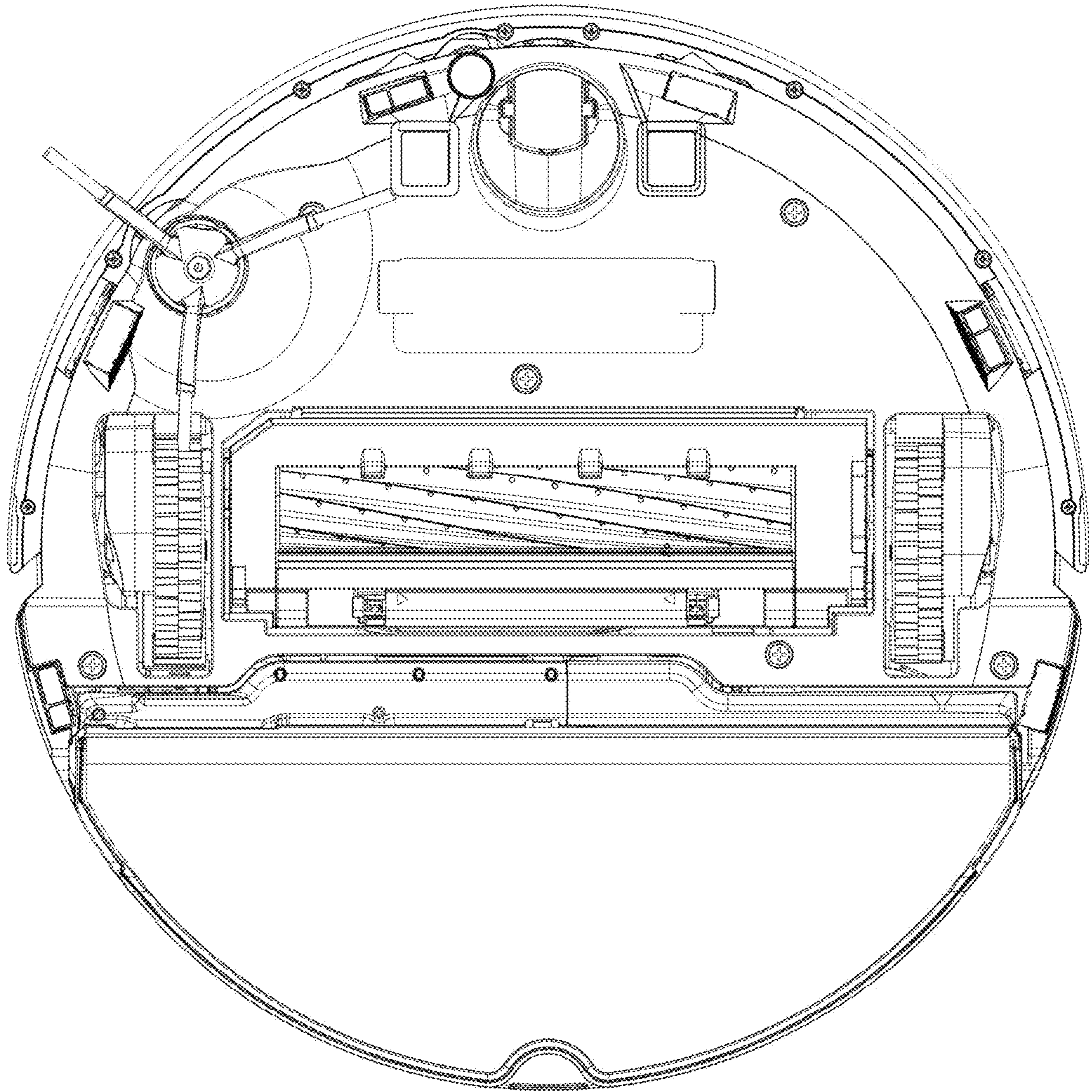


FIG. 1.6

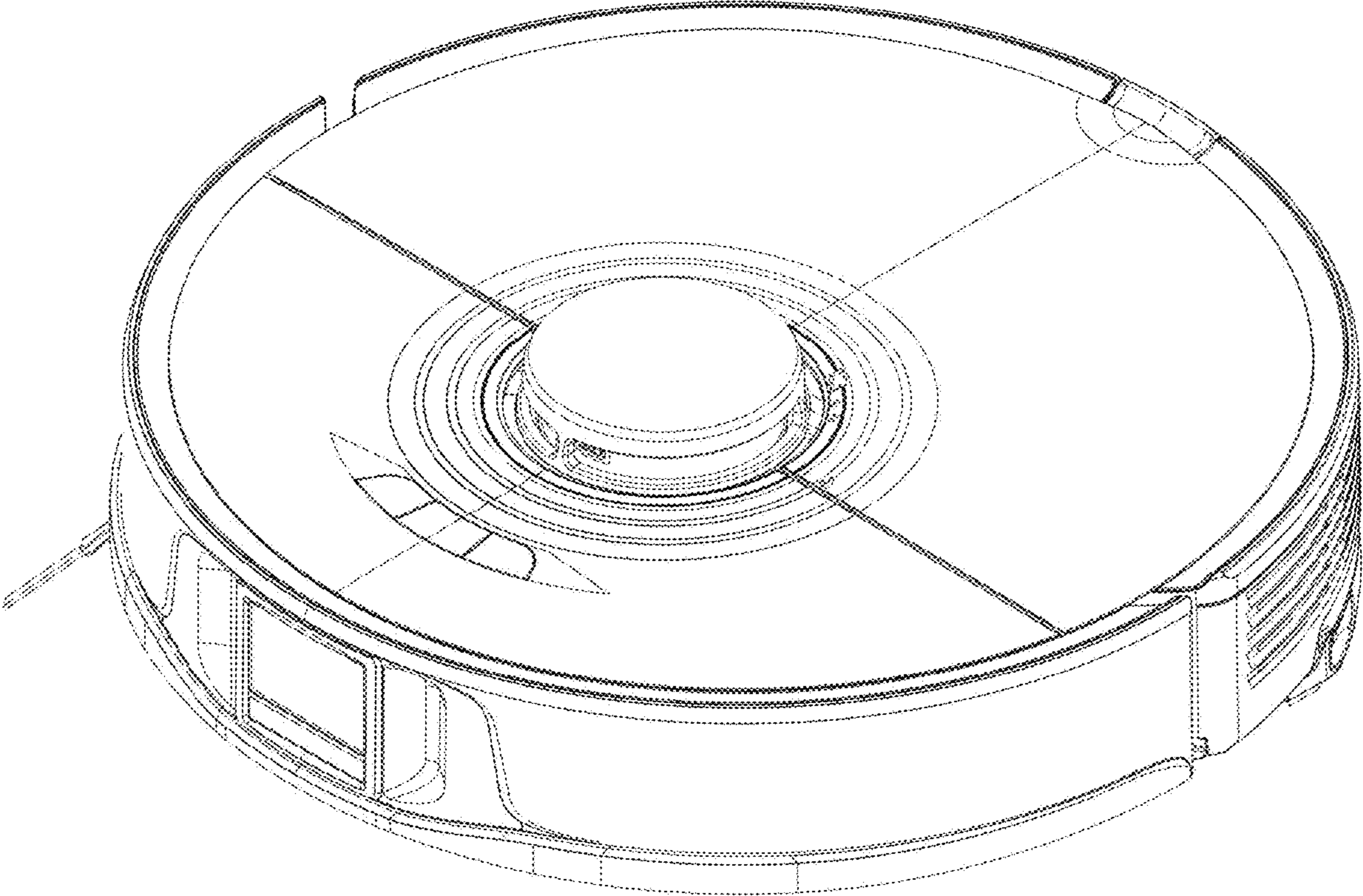


FIG. 1.7