

US00D967221S

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

(10) **Patent No.:** **US D967,221 S**

(45) **Date of Patent:** **** Oct. 18, 2022**

(54) **TRANSPORTATION ROBOT**

(71) Applicant: **Panasonic Corporation**, Osaka (JP)

(72) Inventors: **Jin Sato**, Tokyo (JP); **Ryoya Suzuki**,
Osaka (JP); **Yoshihiko Kamiya**, Osaka
(JP)

(73) Assignee: **Panasonic Holdings Corporation**,
Osaka (JP)

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

(21) Appl. No.: **29/779,961**

(22) Filed: **Apr. 21, 2021**

(30) **Foreign Application Priority Data**

Nov. 5, 2020 (JP) 2020-023863 D

(51) **LOC (13) Cl.** **15-99**

(52) **U.S. Cl.**
USPC **D15/199**

(58) **Field of Classification Search**
USPC D12/1, 16.1; D15/199; D21/419, 420,
D21/533, 537, 578, 579, 587, 621, 634,
D21/760, 765, 771; D32/21; D99/39, 42
CPC B25J 11/008; B25J 5/007; G05D 1/0246;
B05D 2201/0214; B05D 2201/0216;
Y10S 901/01

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D608,804 S * 1/2010 Labak D15/199
D616,908 S * 6/2010 Labak D15/199
D644,256 S * 8/2011 Kitano D15/199
D644,257 S * 8/2011 Kitano D15/199
D663,333 S * 7/2012 Kitano D15/199
D663,334 S * 7/2012 Kitano D15/199

D782,759 S * 3/2017 Mathiassen D32/21
D812,663 S * 3/2018 Waters D15/199
D824,976 S * 8/2018 Mäkelä D15/199
D828,279 S * 9/2018 Xiong D15/199
D837,854 S * 1/2019 Zhou D15/199
D840,620 S * 2/2019 Kim D15/199
D842,353 S * 3/2019 Lee D15/199
D843,498 S * 3/2019 Clerc D15/199
D864,271 S * 10/2019 Lai D15/199
D865,829 S * 11/2019 Sakai D15/199
D866,393 S * 11/2019 Asai D12/1
D868,863 S * 12/2019 Mäkelä D15/199
D869,108 S * 12/2019 Williams D15/199
D884,043 S * 5/2020 Song D15/199
D894,983 S * 9/2020 Okada D15/199
D894,986 S * 9/2020 Okada D15/199
D895,707 S * 9/2020 Okada D15/199
D903,214 S * 11/2020 Williams D15/199

(Continued)

Primary Examiner — Michael C Stout

Assistant Examiner — Fritzgerald L Butac

(74) *Attorney, Agent, or Firm* — Panasonic IP
Management; Kerry S. Culpepper

(57) **CLAIM**

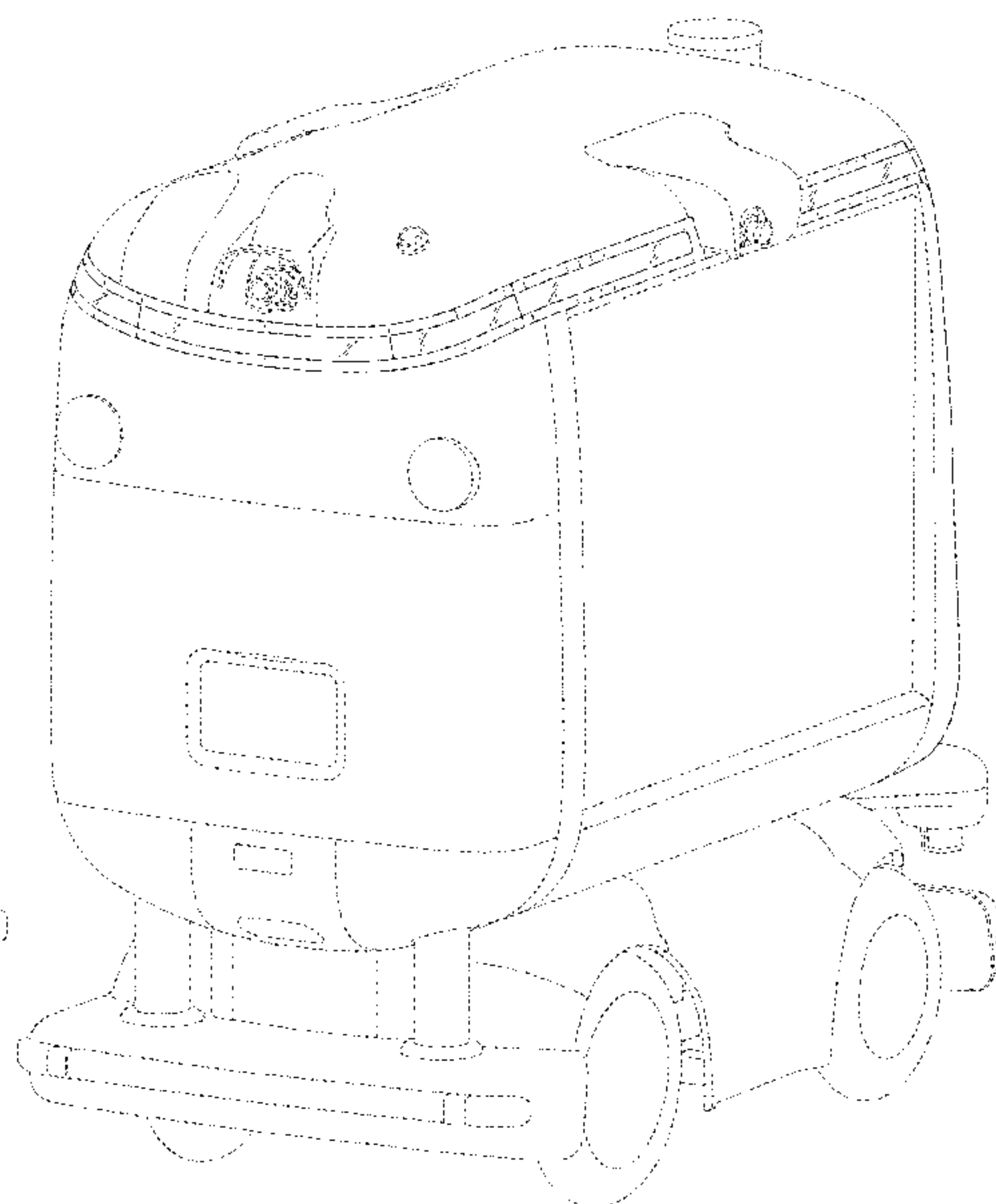
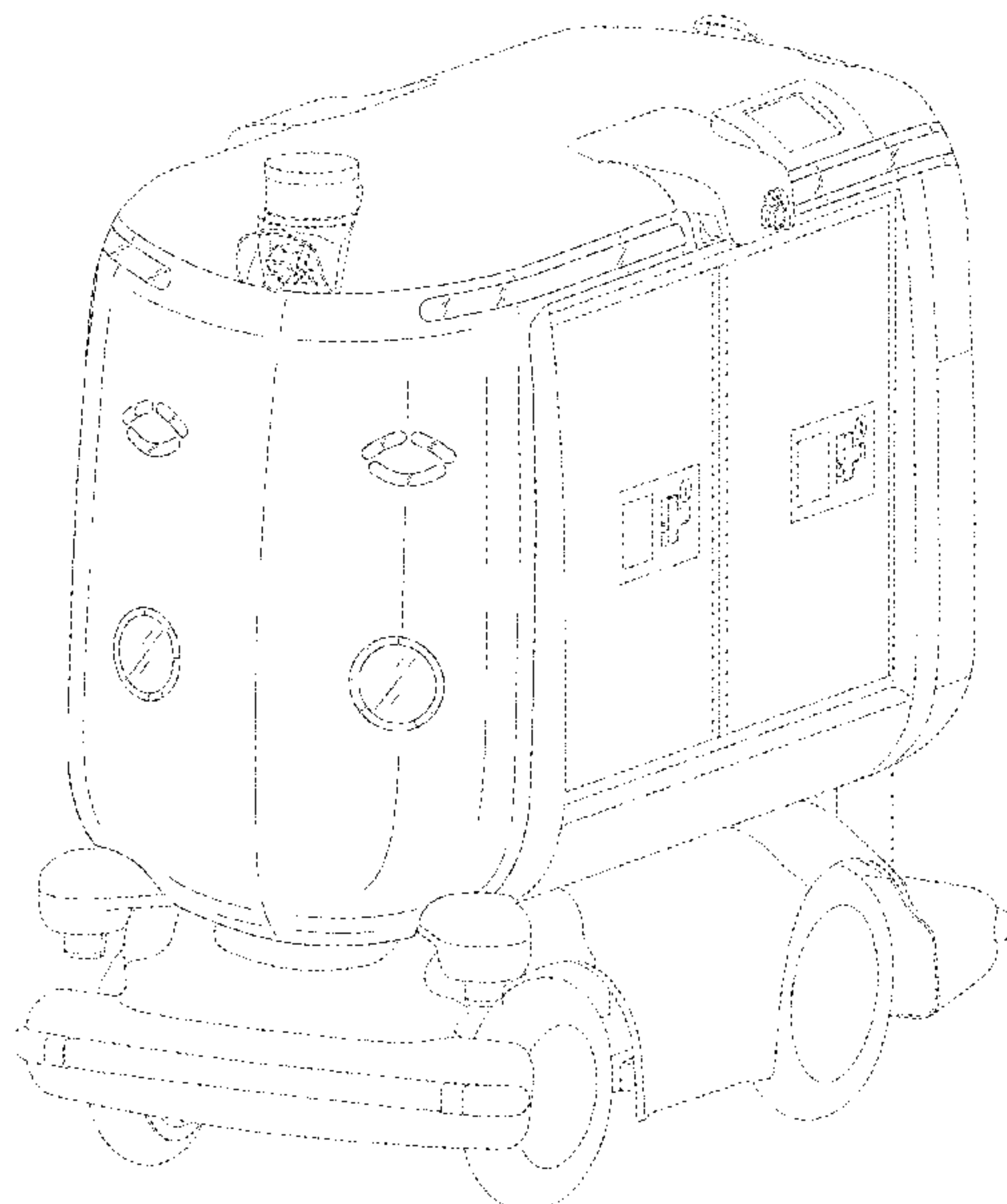
We claim the ornamental design for a transportation robot,
as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a transportation robot
of the present invention;
FIG. 2 is a rear perspective view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a rear view thereof;
FIG. 5 is a first side view thereof;
FIG. 6 is a second side view thereof;
FIG. 7 is a top view thereof; and,
FIG. 8 is a bottom view thereof.

The broken lines in the drawings represent portions of the
transportation robot that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D907,868 S * 1/2021 Bearup D32/16
D911,405 S * 2/2021 Ekmekjian D12/1
D913,351 S * 3/2021 Ekmekjian D12/1
D931,756 S * 9/2021 Shih D12/1
D939,602 S * 12/2021 Wang B25J 11/00
D15/199
D941,900 S * 1/2022 Jin B25J 11/00
D15/199
D944,305 S * 2/2022 Liu D15/199
D946,632 S * 3/2022 Yang D15/199
D947,915 S * 4/2022 Li D15/199
D947,916 S * 4/2022 Zhao B65G 1/0492
D15/199
2018/0194411 A1 * 7/2018 Liivik B60G 5/01
2019/0163196 A1 * 5/2019 Janssen B60Q 1/507
2020/0090366 A1 * 3/2020 Korjus G01C 21/3602

* cited by examiner

FIG. 1

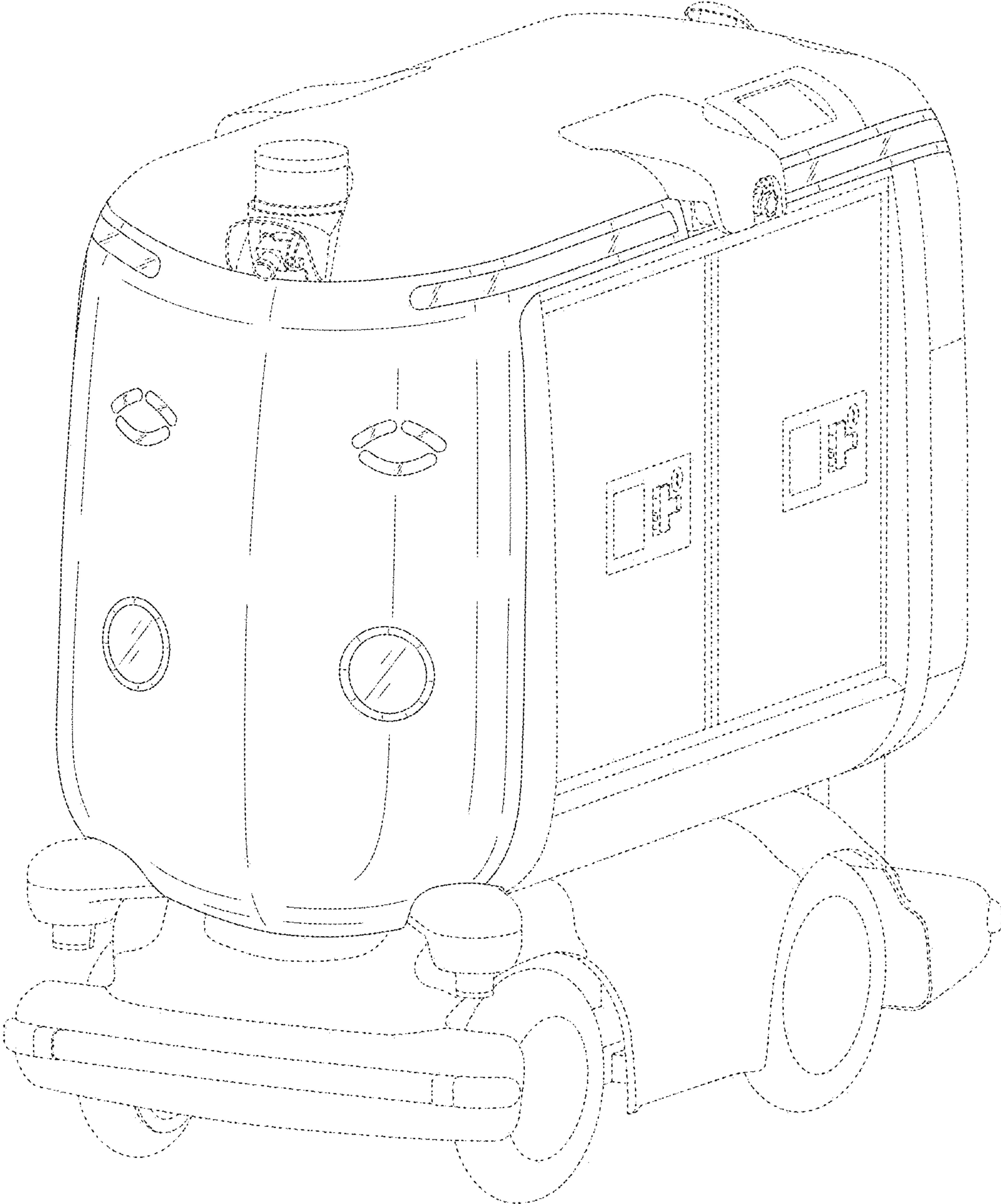


FIG. 2

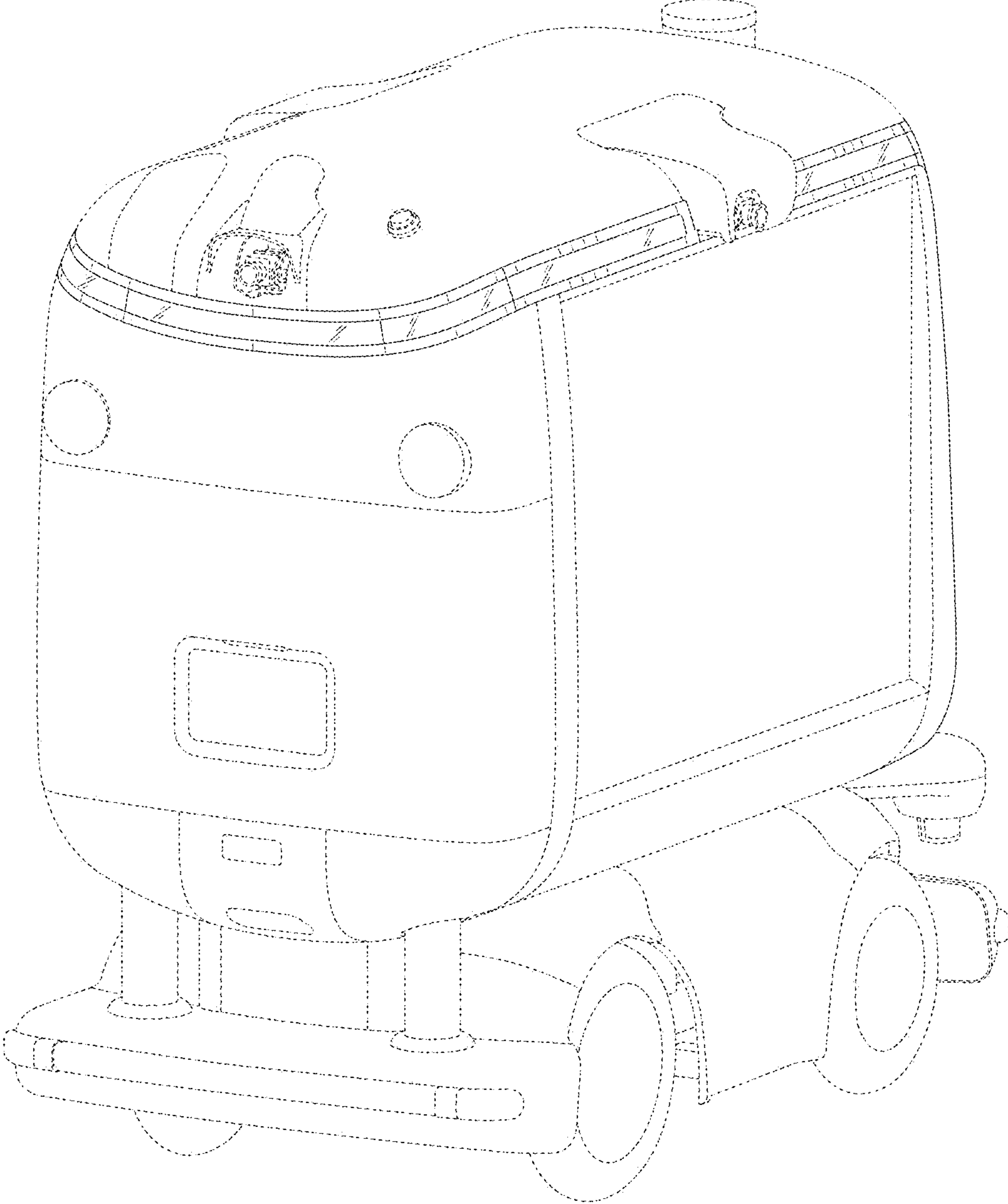


FIG. 3

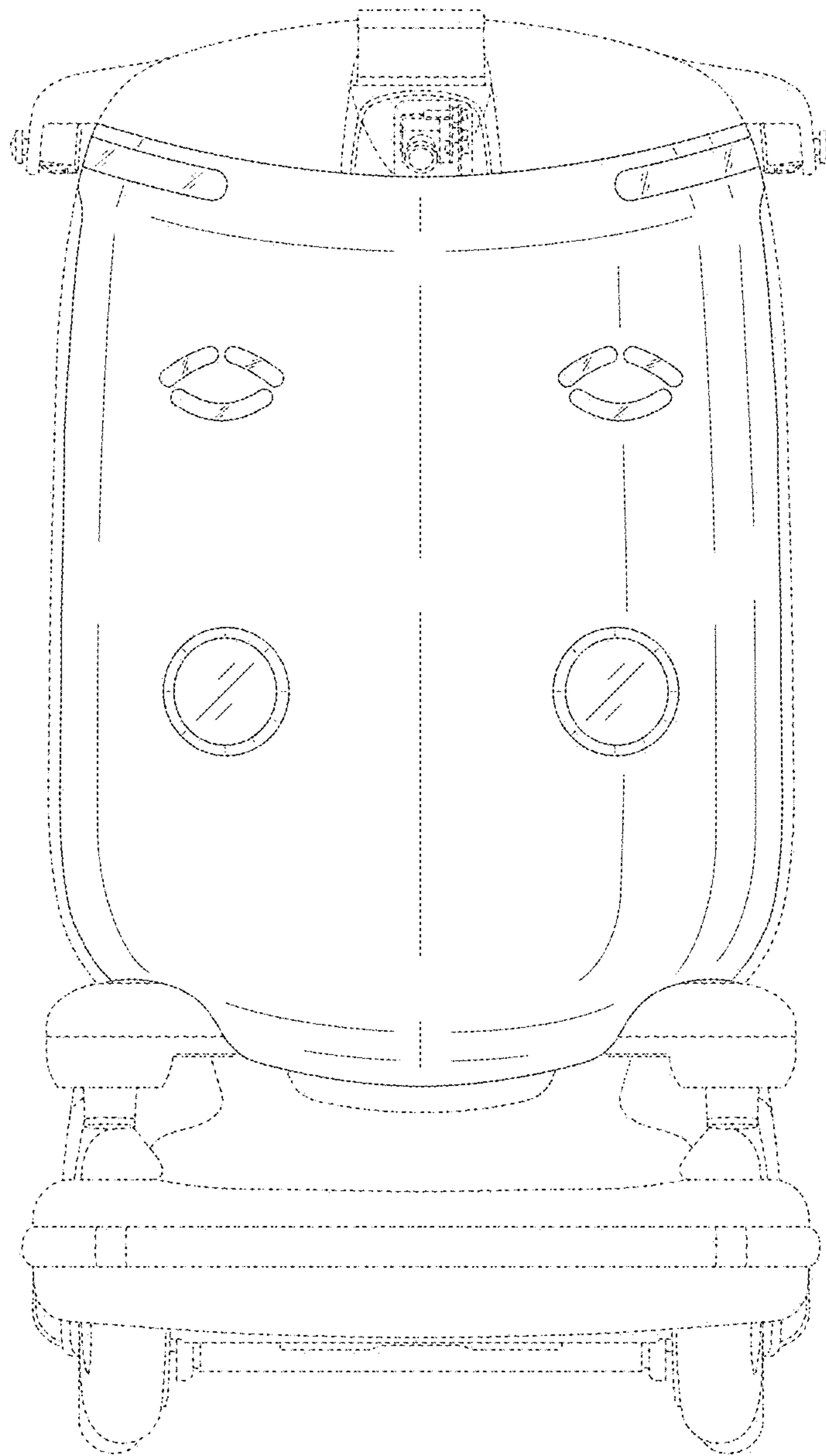


FIG. 4

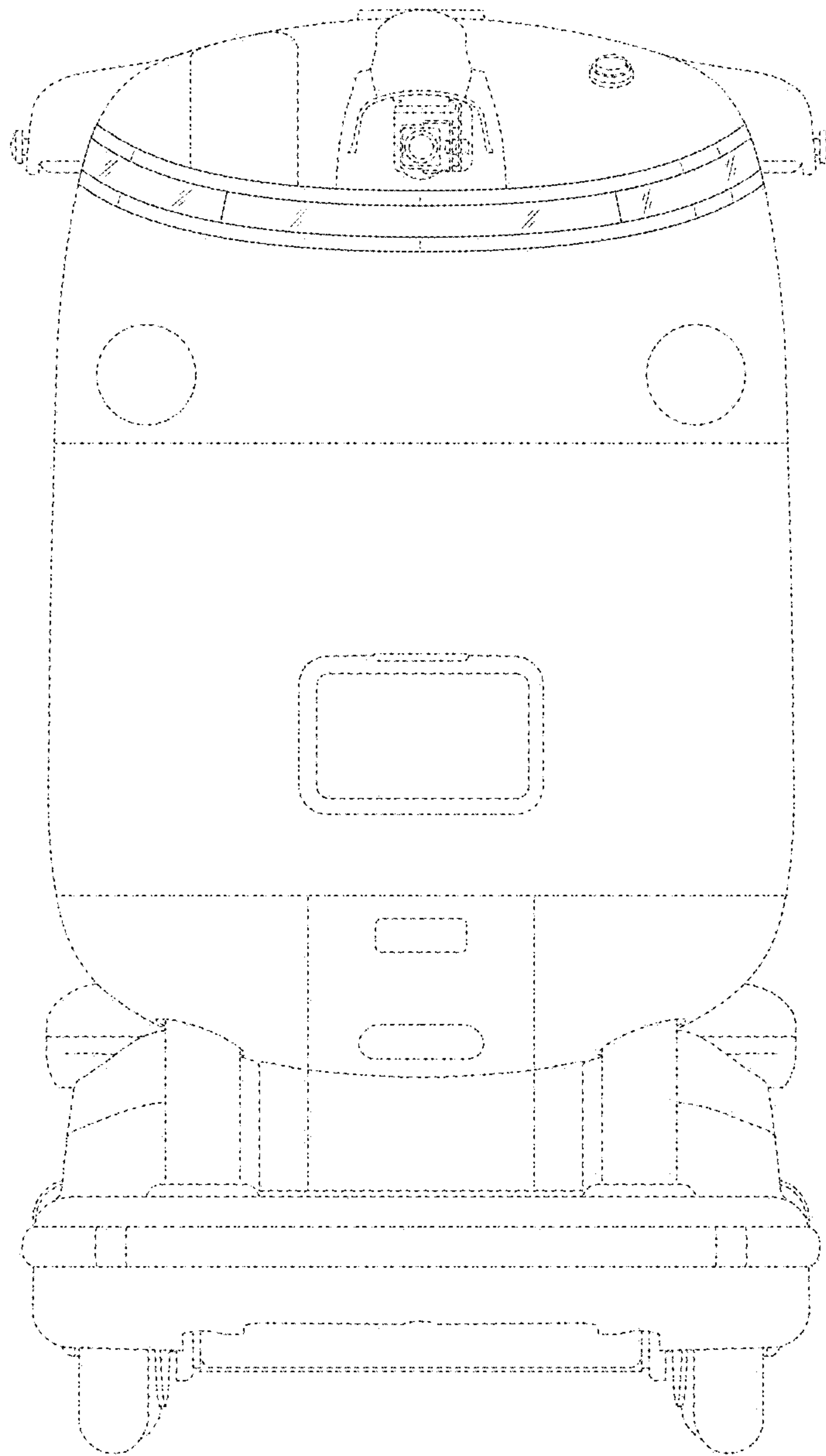


FIG. 5

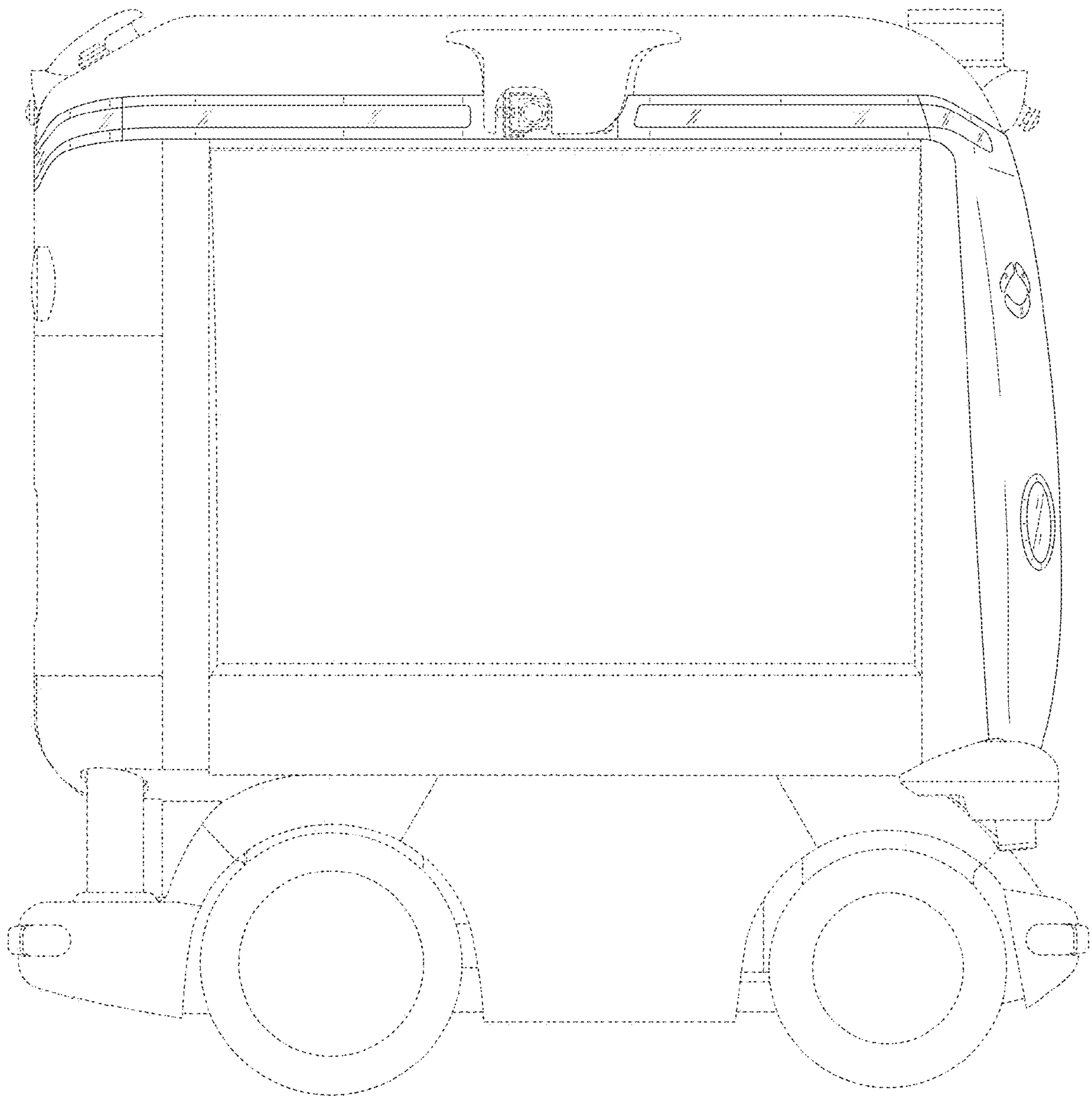


FIG. 6

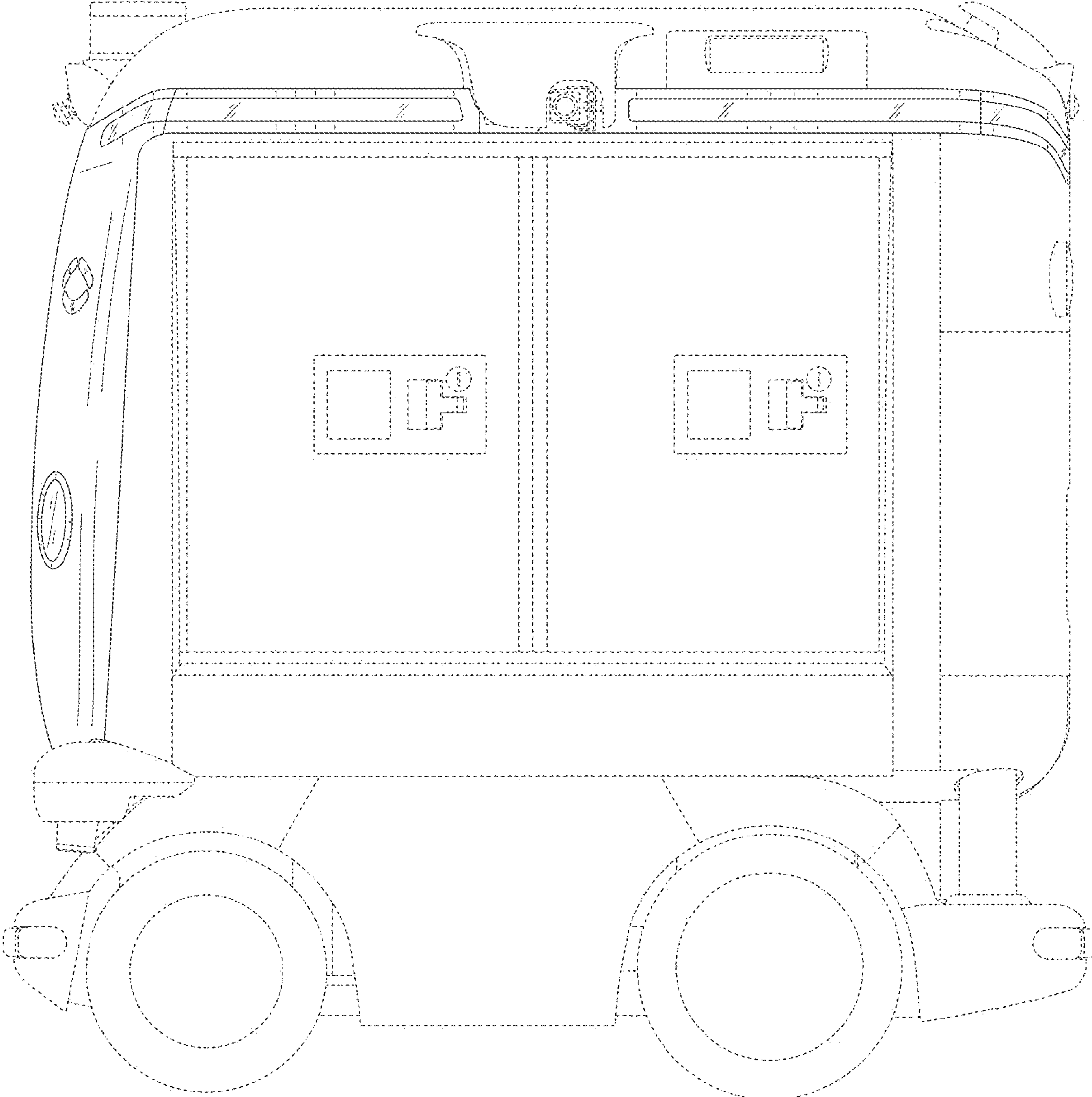


FIG. 7

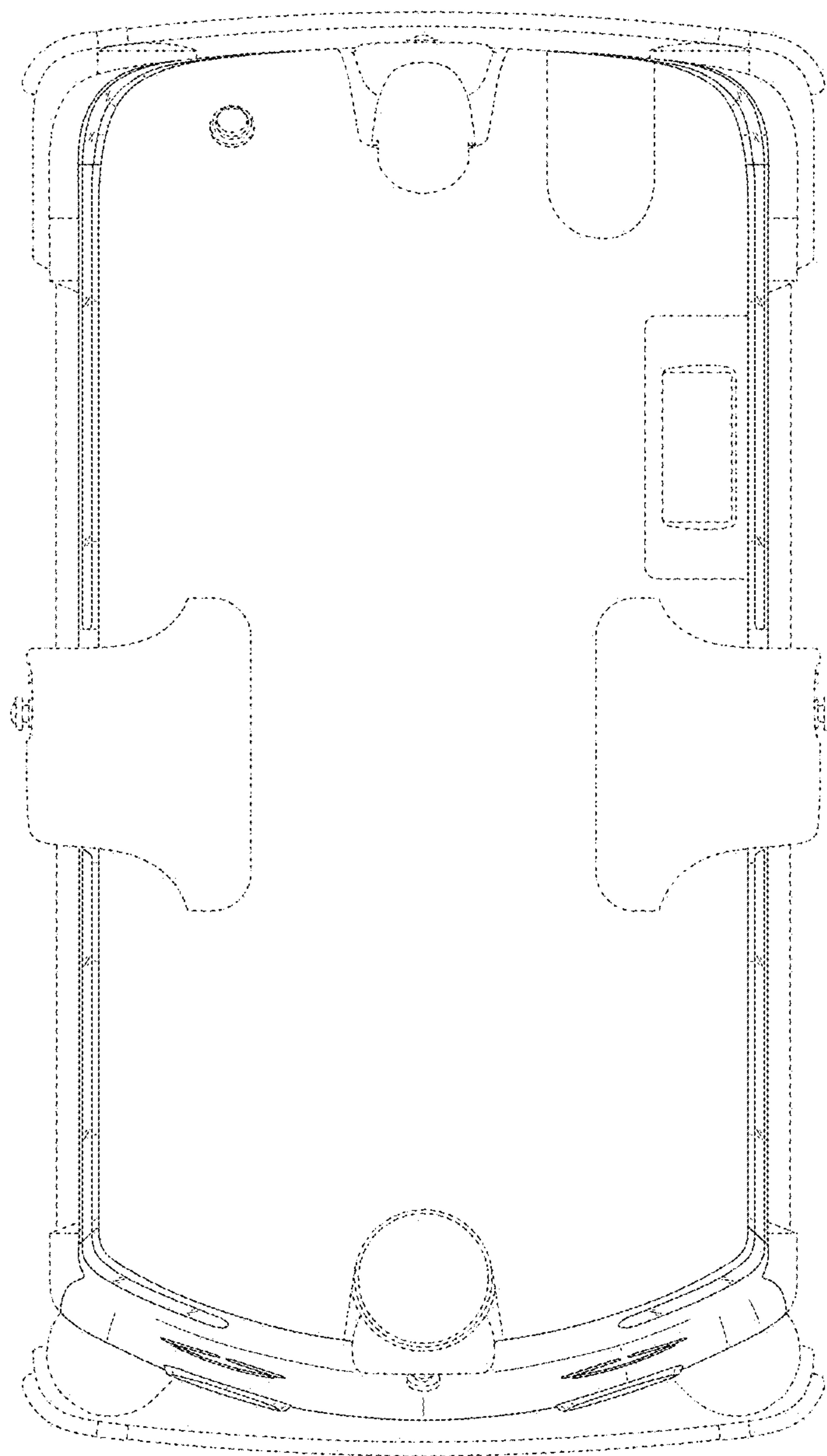


FIG. 8

