



US00D971783S

(12) **United States Design Patent** (10) **Patent No.:** **US D971,783 S**
Sato et al. (45) **Date of Patent:** **** Dec. 6, 2022**

(54) **TRANSPORTATION ROBOT**
(71) Applicant: **Panasonic Corporation**, Osaka (JP)
(72) Inventors: **Jin Sato**, Tokyo (JP); **Ryoya Suzuki**, Osaka (JP); **Yoshifumi Kori**, Kyoto (JP); **Yoshihiko Kamiya**, Osaka (JP)
(73) Assignee: **Panasonic Holdings Corporation**, Osaka (JP)
(**) Term: **15 Years**
(21) Appl. No.: **29/779,962**
(22) Filed: **Apr. 21, 2021**
(30) **Foreign Application Priority Data**
Nov. 5, 2020 (JP) 2020-023862 D
(51) **LOC (13) Cl.** **12-14**
(52) **U.S. Cl.**
USPC **D12/1; D15/199**
(58) **Field of Classification Search**
USPC D12/1, 181, 96, 99, 400, 182, 183, 184, D12/185, 190, 195, 192, 191, 91, 92; D15/199
CPC . B25J 5/005; B25J 5/007; B61B 13/00; B66F 9/22; B66F 9/063; B60P 9/00; G05D 1/0263; G05D 1/0238; B62D 39/00
See application file for complete search history.

D917,341 S * 4/2021 Katz D12/86
D919,686 S * 5/2021 Mäkelä D15/199
D941,900 S * 1/2022 Jin B25J 11/00 D15/199
2018/0194411 A1* 7/2018 Liivik B60G 5/01
2019/0184742 A1* 6/2019 Kwa B62D 21/18
2020/0090366 A1* 3/2020 Korjus G01C 21/3602
2021/0395011 A1* 12/2021 Crawford, Jr. B65G 1/06
2022/0097588 A1* 3/2022 Ulsamer B66C 1/36

OTHER PUBLICATIONS

Panasonic Press Release <https://news.panasonic.com/global/press/en201214-1> Dec. 14, 2020 (Year: 2020).*

* cited by examiner

Primary Examiner — Ania Aman
(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
D821,265 S * 6/2018 Mäkelä D3/271.12
D824,976 S * 8/2018 Mäkelä D15/199
D866,393 S * 11/2019 Asai D12/1
D883,354 S * 5/2020 Jafarzadeh D15/199

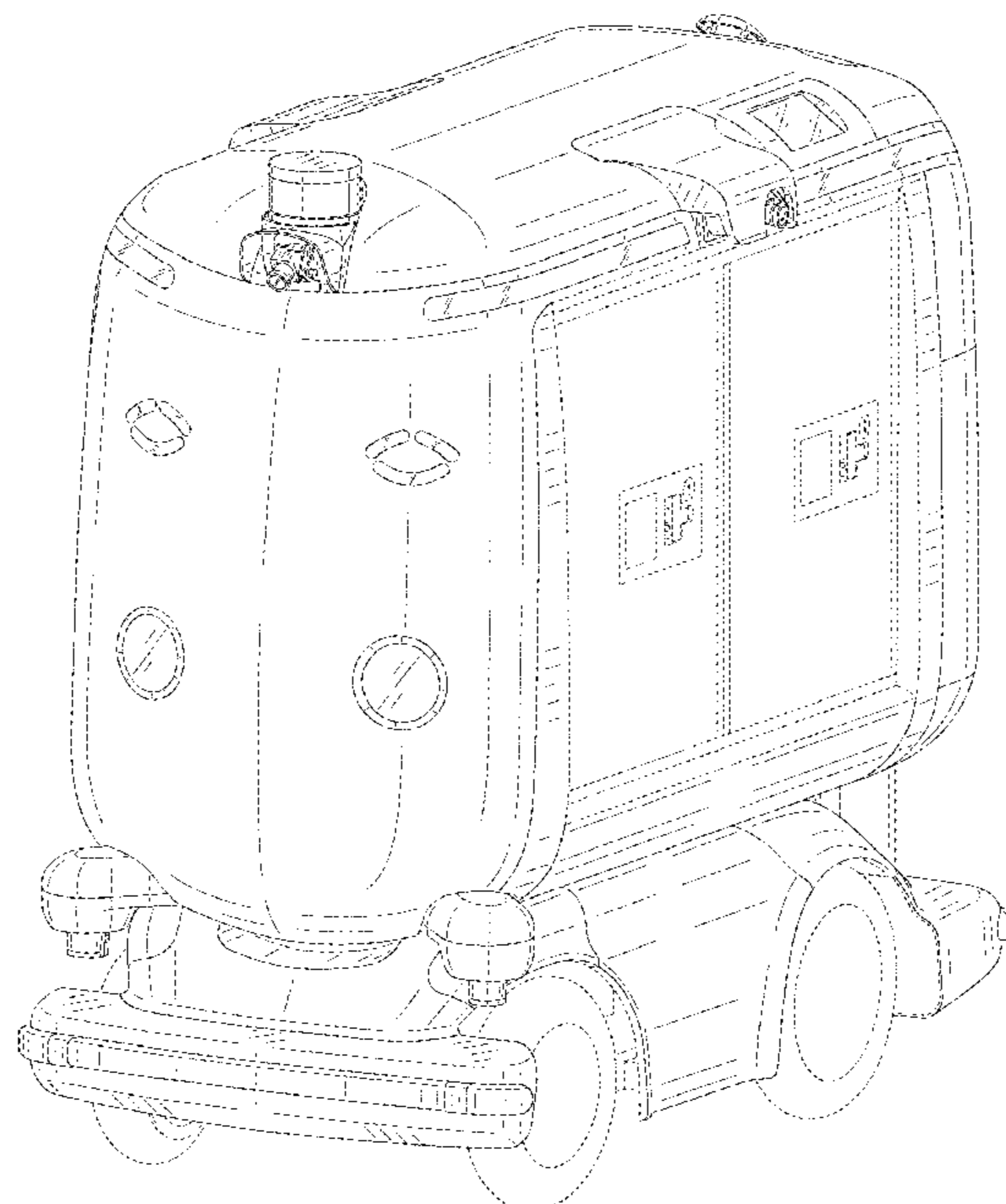


FIG. 1

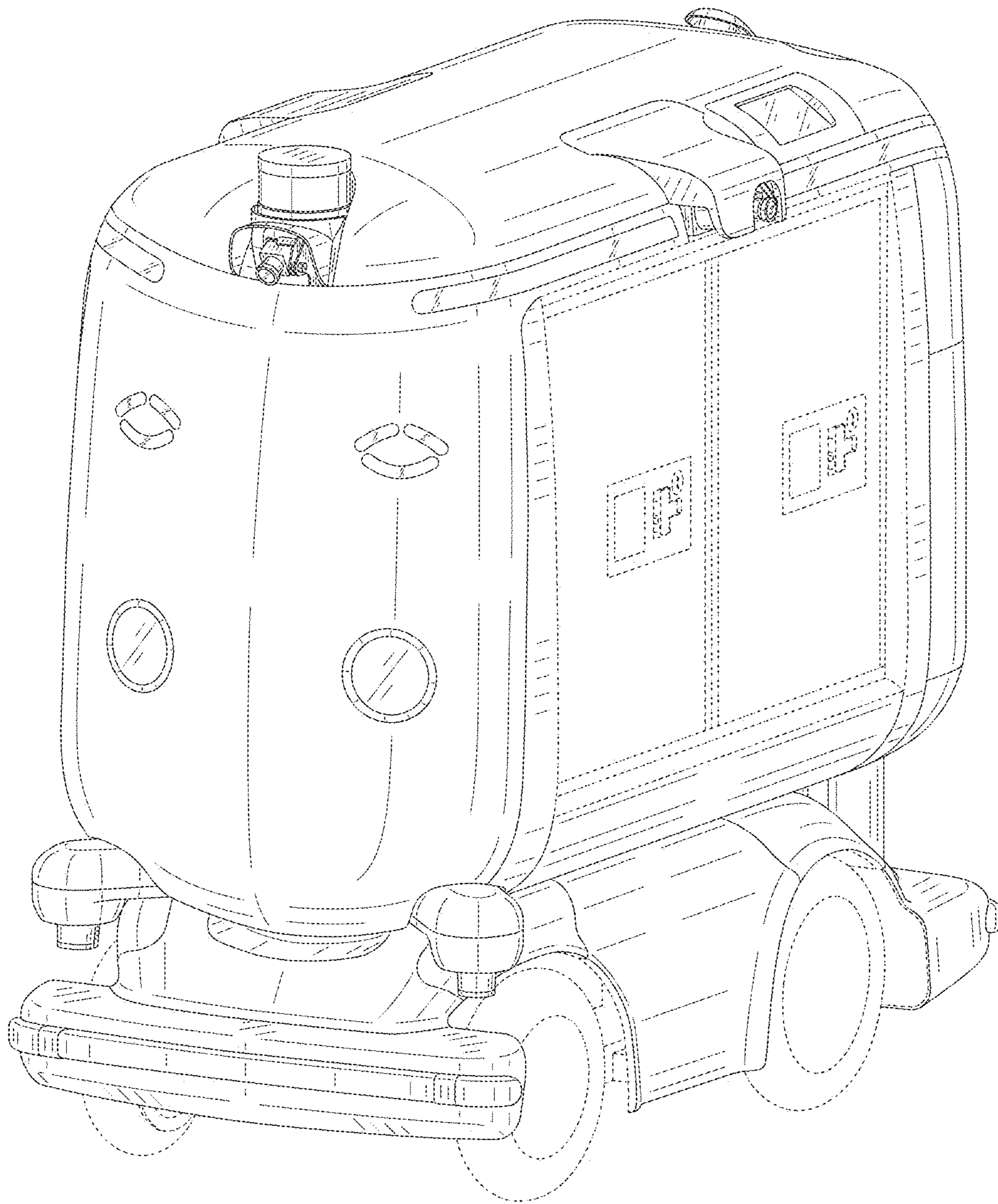


FIG. 2

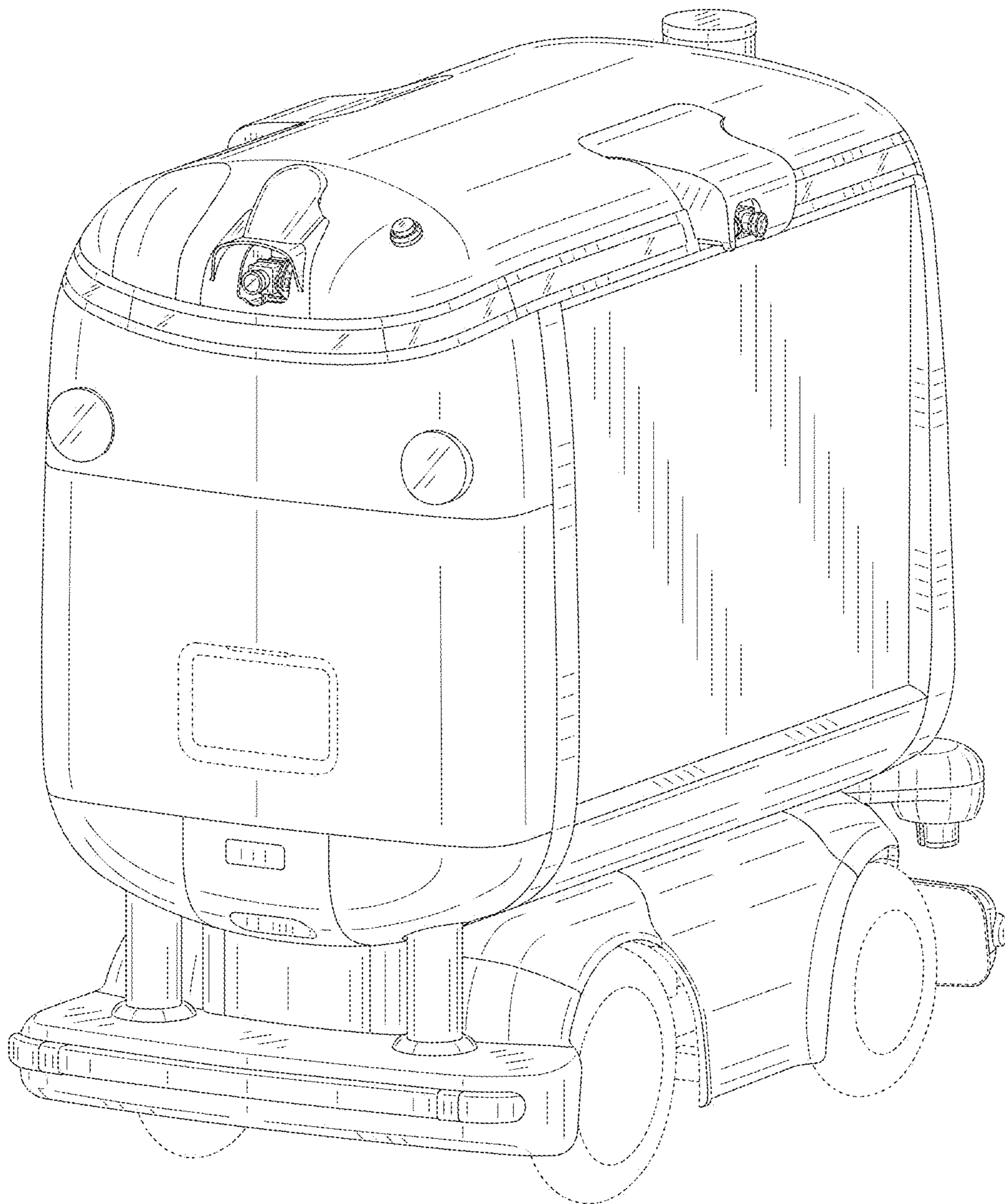


FIG. 3

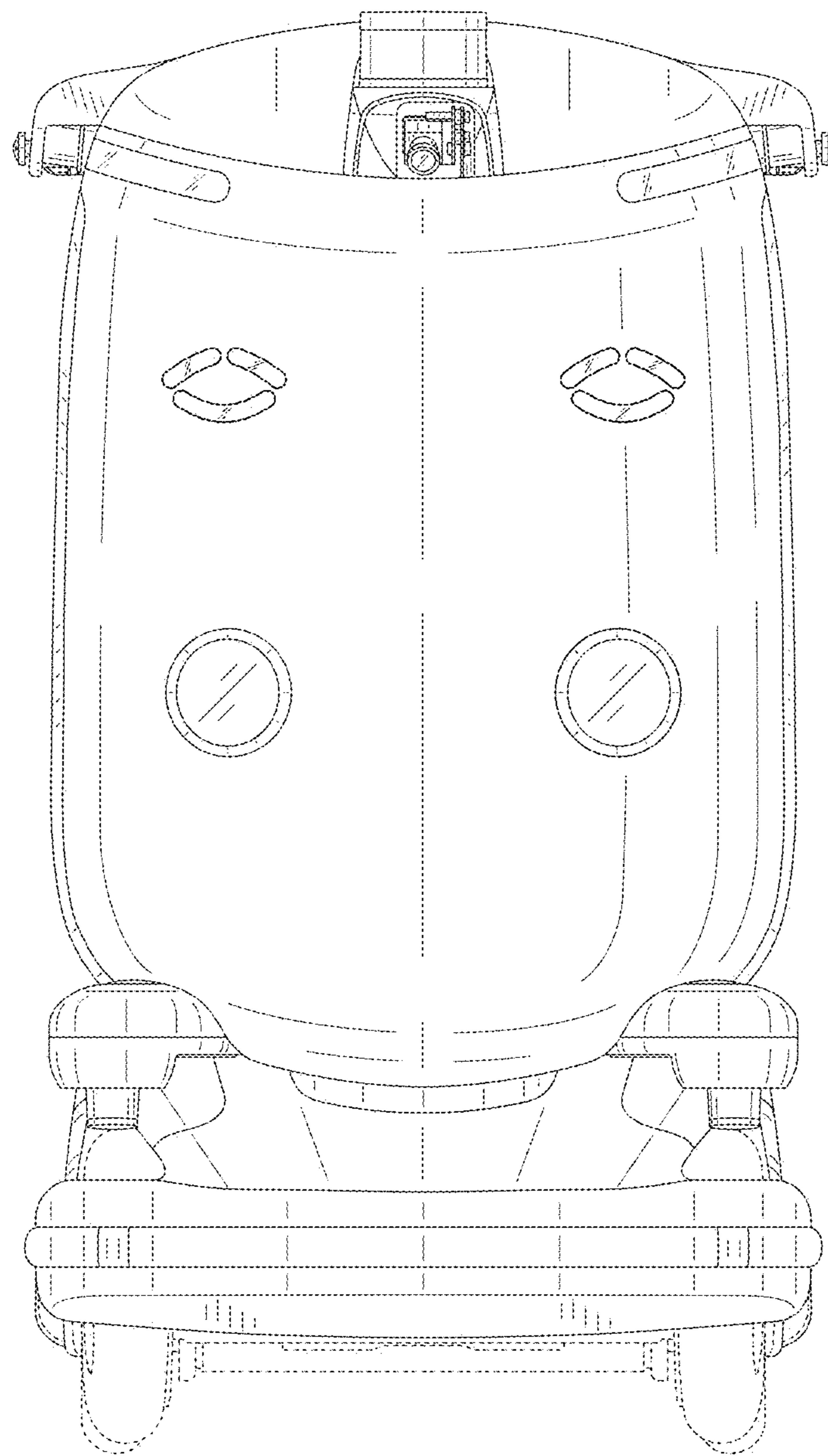


FIG. 4

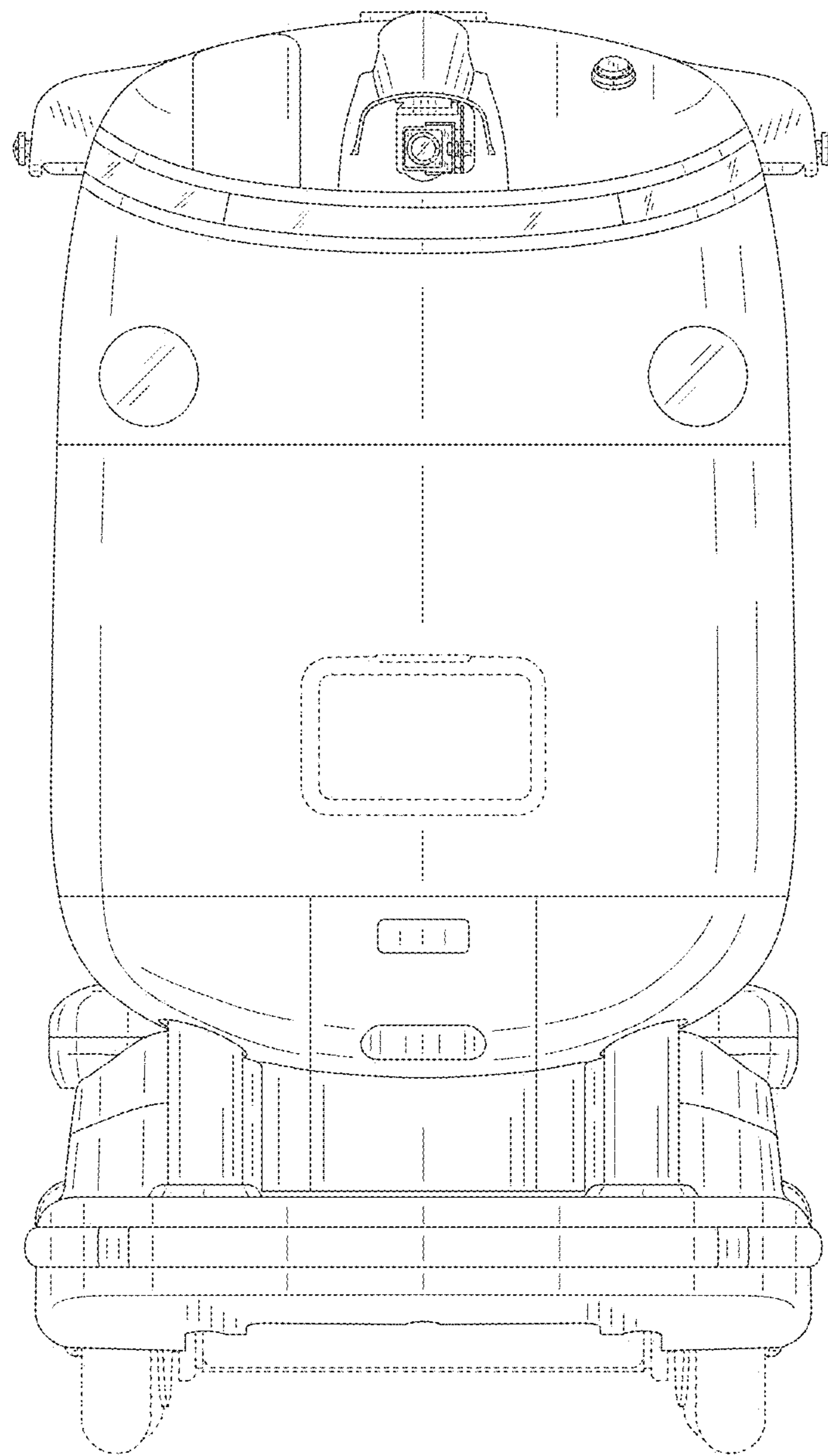


FIG. 5

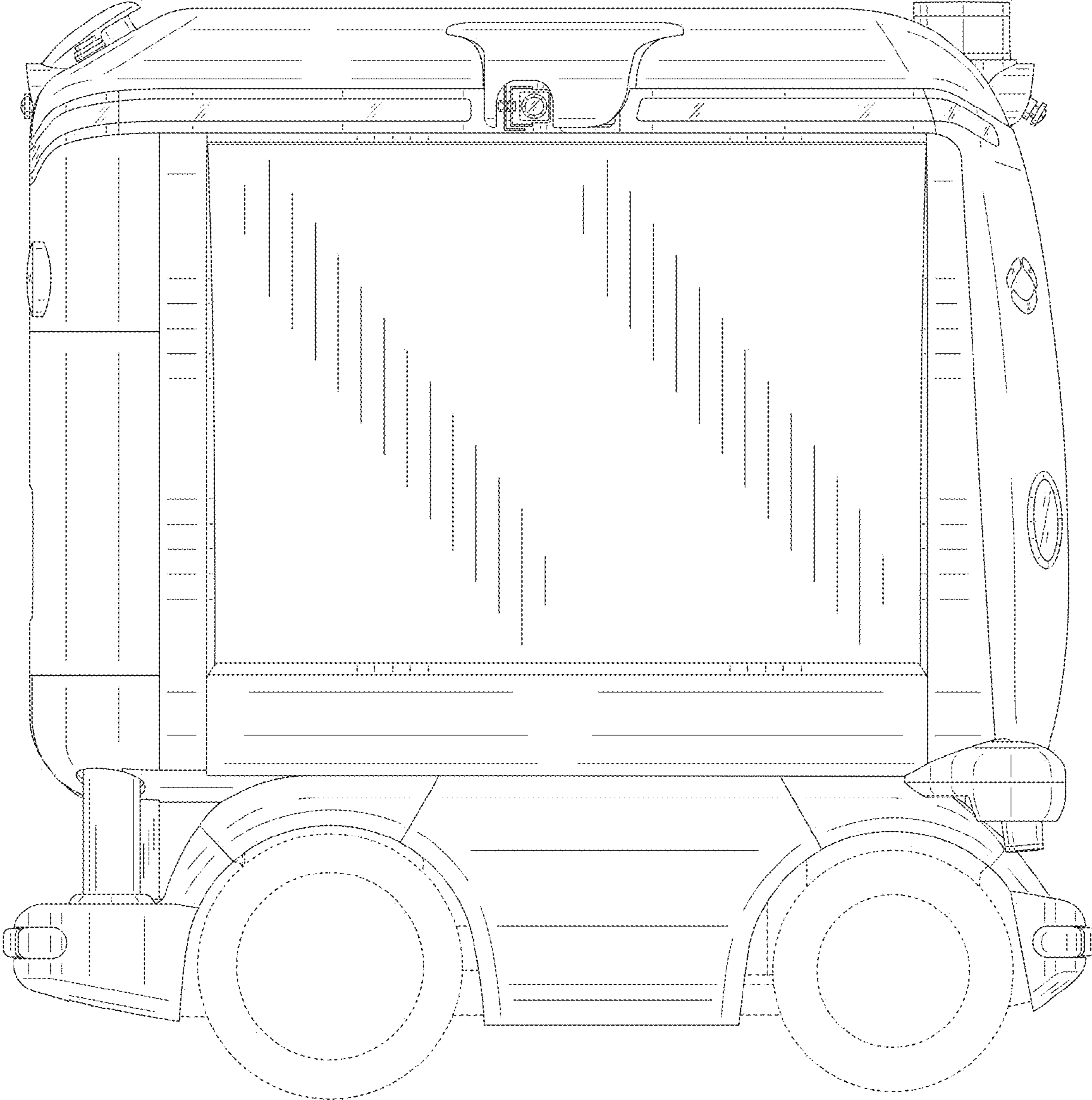


FIG. 6

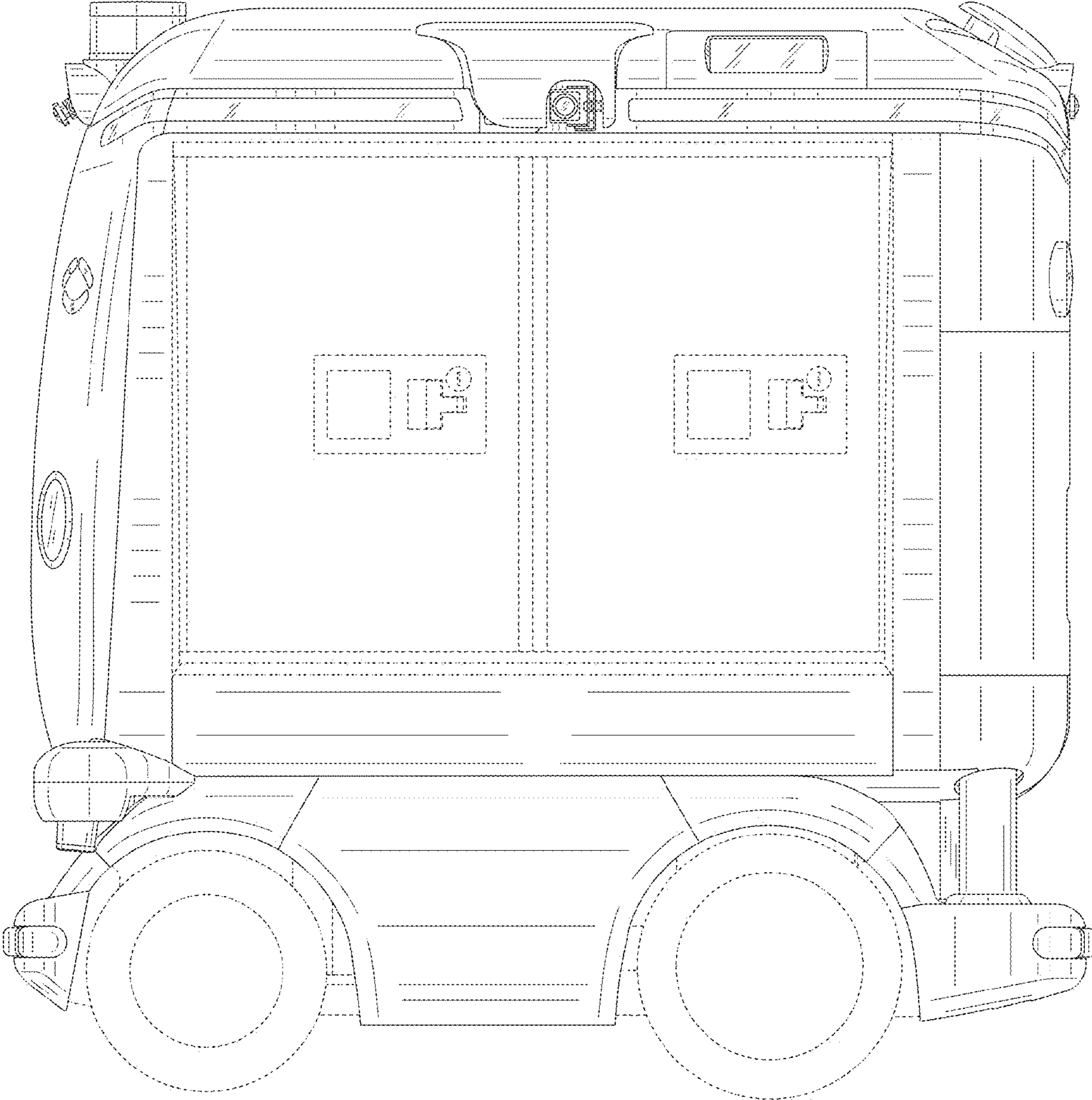


FIG. 7

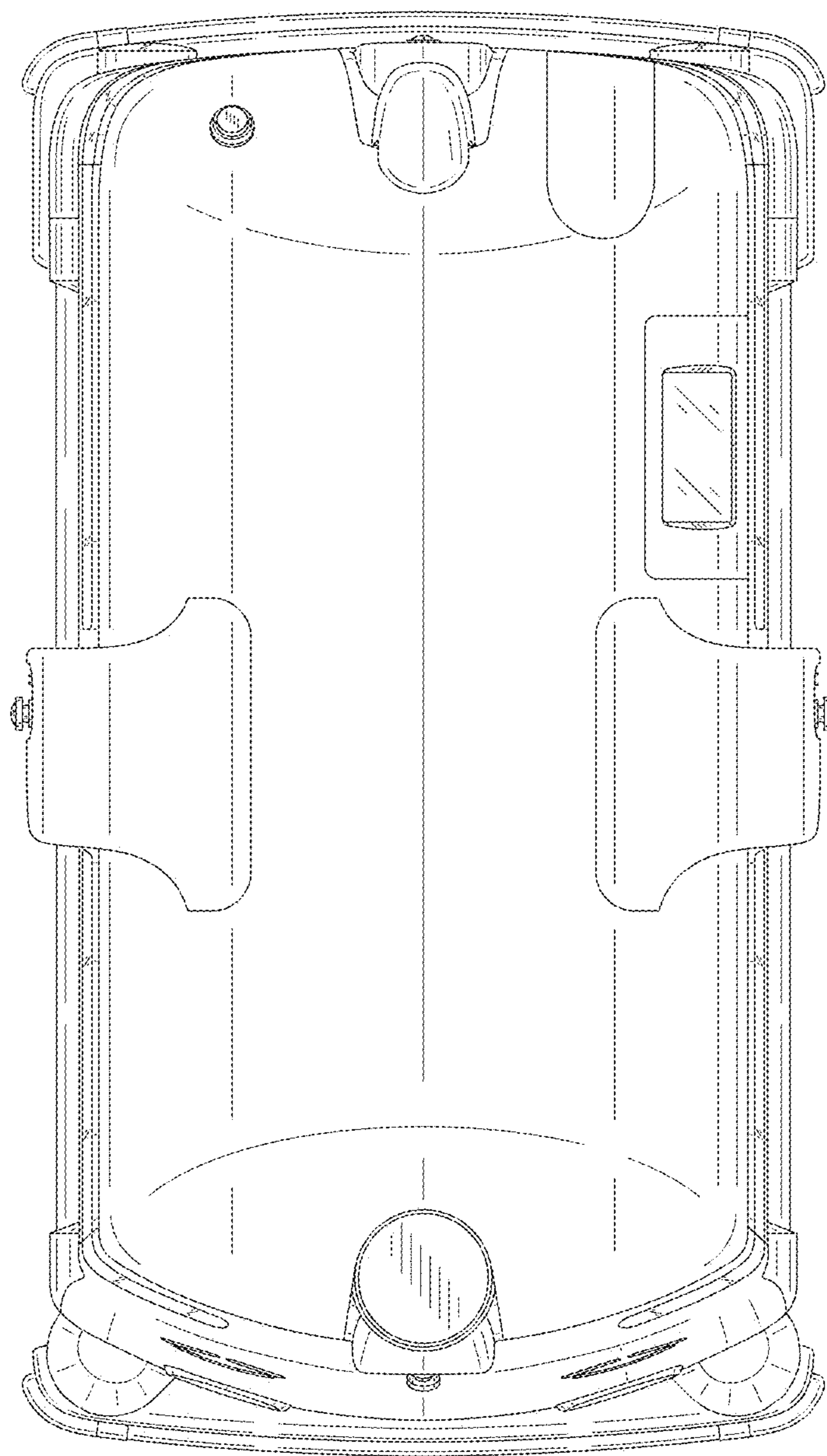


FIG. 8

