

US00D966378S

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

(10) **Patent No.: US D966,378 S**
(45) **Date of Patent: ** Oct. 11, 2022**

(54) **TRANSPORT ROBOT**

(71) Applicant: **Beijing Hai Yi Tong Zhan Information Technology Co., Ltd., Beijing (CN)**

(72) Inventors: **Shang Li, Beijing (CN); Xiujun Yao, Beijing (CN); Chenguang Gui, Beijing (CN); Lihua Cui, Beijing (CN)**

(73) Assignee: **Beijing Hai Yi Tong Zhan Information Technology Co., Ltd., Beijing (CN)**

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

(21) Appl. No.: **29/757,588**

(22) Filed: **Nov. 6, 2020**

(30) **Foreign Application Priority Data**

May 9, 2020 (CN) 202030207586.5

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

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

(58) **Field of Classification Search**
USPC D12/1, 308; D14/900-902; D15/199;
D21/398, 424, 456, 467, 493, 495,
D21/533-539, 578, 579, 585, 593, 594;
D32/21

CPC B25J 9/0003; B25J 11/008; B25J 5/007;
B25J 9/1697; G06F 19/3418; G05D
2201/0207; Y10S 901/01; Y10S 901/46
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D614,251 S * 4/2010 Chung D21/578
D635,603 S * 4/2011 Paz Rodriguez D15/199
D761,894 S * 7/2016 Ho D15/199

D828,279 S * 9/2018 Xiong D12/308
D837,854 S * 1/2019 Zhou D15/199
D843,498 S * 3/2019 Clerc D21/578
D855,094 S * 7/2019 Li D15/199
D877,994 S * 3/2020 Kim D32/21
D881,249 S * 4/2020 Kim D15/199
D881,961 S * 4/2020 Bergeron D15/199
D882,193 S * 4/2020 Bruneel D32/21

(Continued)

FOREIGN PATENT DOCUMENTS

CN 305551609 S 1/2020
CN 305767064 S 5/2020

(Continued)

OTHER PUBLICATIONS

Taiwanese Office Action dated May 10, 2021 in connection with Taiwanese Application No. 109306160.

(Continued)

Primary Examiner — Michael C Stout

Assistant Examiner — Fritzgerald L Butac

(74) *Attorney, Agent, or Firm* — Wolf, Greenfield & Sacks, P.C.

(57) **CLAIM**

The ornamental design for a transport robot, as shown and described.

DESCRIPTION

FIG. 1 is a front view of the new design, showing a transport robot;

FIG. 2 is a back view of the transport robot;

FIG. 3 is a left view of the transport robot;

FIG. 4 is a right view of the transport robot;

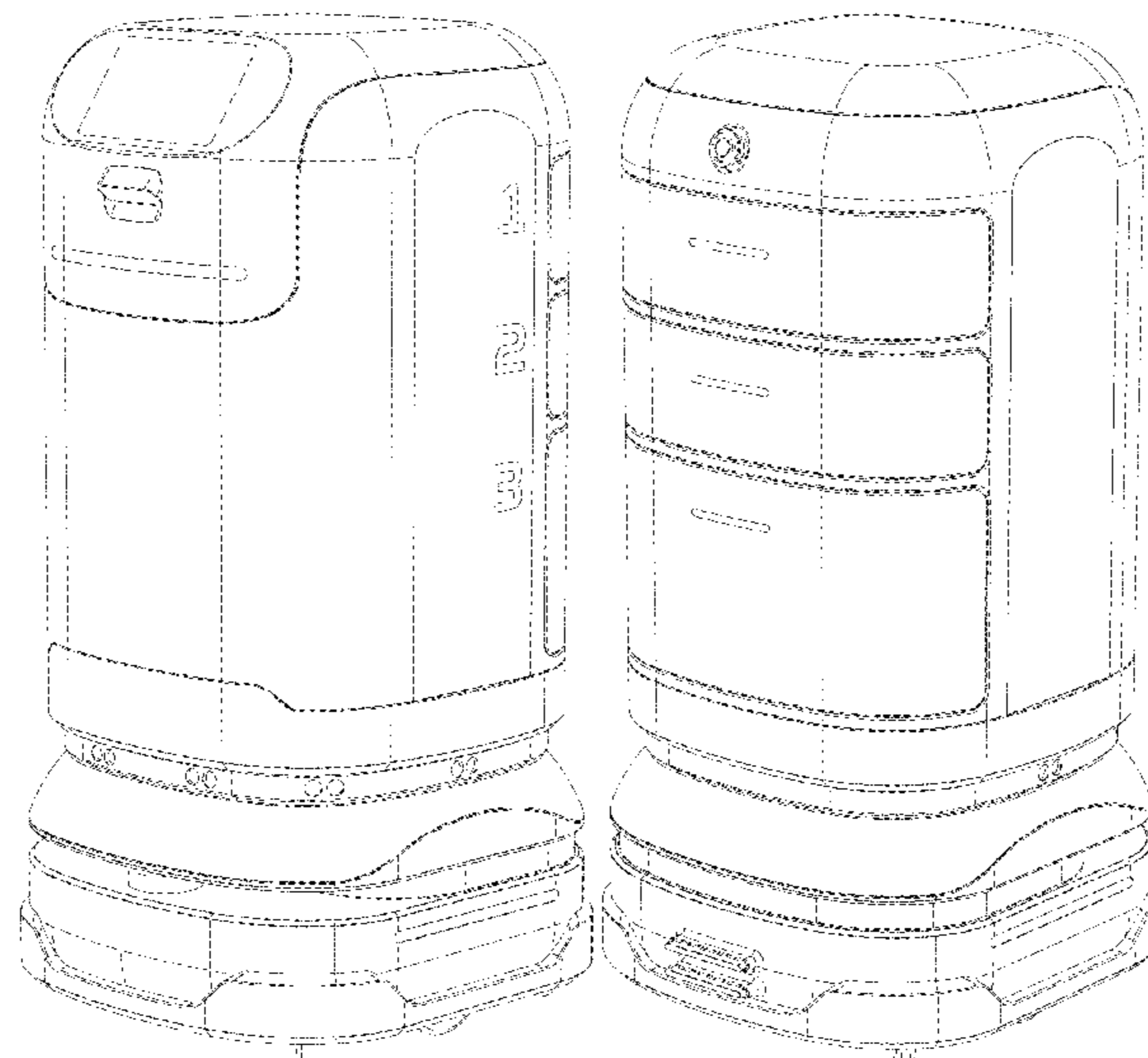
FIG. 5 is a top view of the transport robot;

FIG. 6 is a bottom view of the transport robot;

FIG. 7 is a perspective view of the transport robot; and,

FIG. 8 is another perspective view of the transport robot.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D884,766 S * 5/2020 Faoro D15/199
D911,406 S * 2/2021 Srivastava D15/199
D919,686 S * 5/2021 Makela D15/199
D926,398 S * 7/2021 Kim D32/21
D929,479 S * 8/2021 Gao D15/199
D931,756 S * 9/2021 Shih D12/1
D932,368 S * 10/2021 Shih D12/1

FOREIGN PATENT DOCUMENTS

JP D1679181 S 2/2021
WO WO DM207982 5/2020

OTHER PUBLICATIONS

Japanese Office Action dated Mar. 2, 2021 in connection with Japanese Application No. 2020-023900.

[No Author Listed], HA31001380. Nikkei Electronics. Apr. 2019. p. 73. 2 pages.

[No Author Listed], HA31005148. Nikkei Electronics. Aug. 2019. p. 84. 2 pages.

* cited by examiner

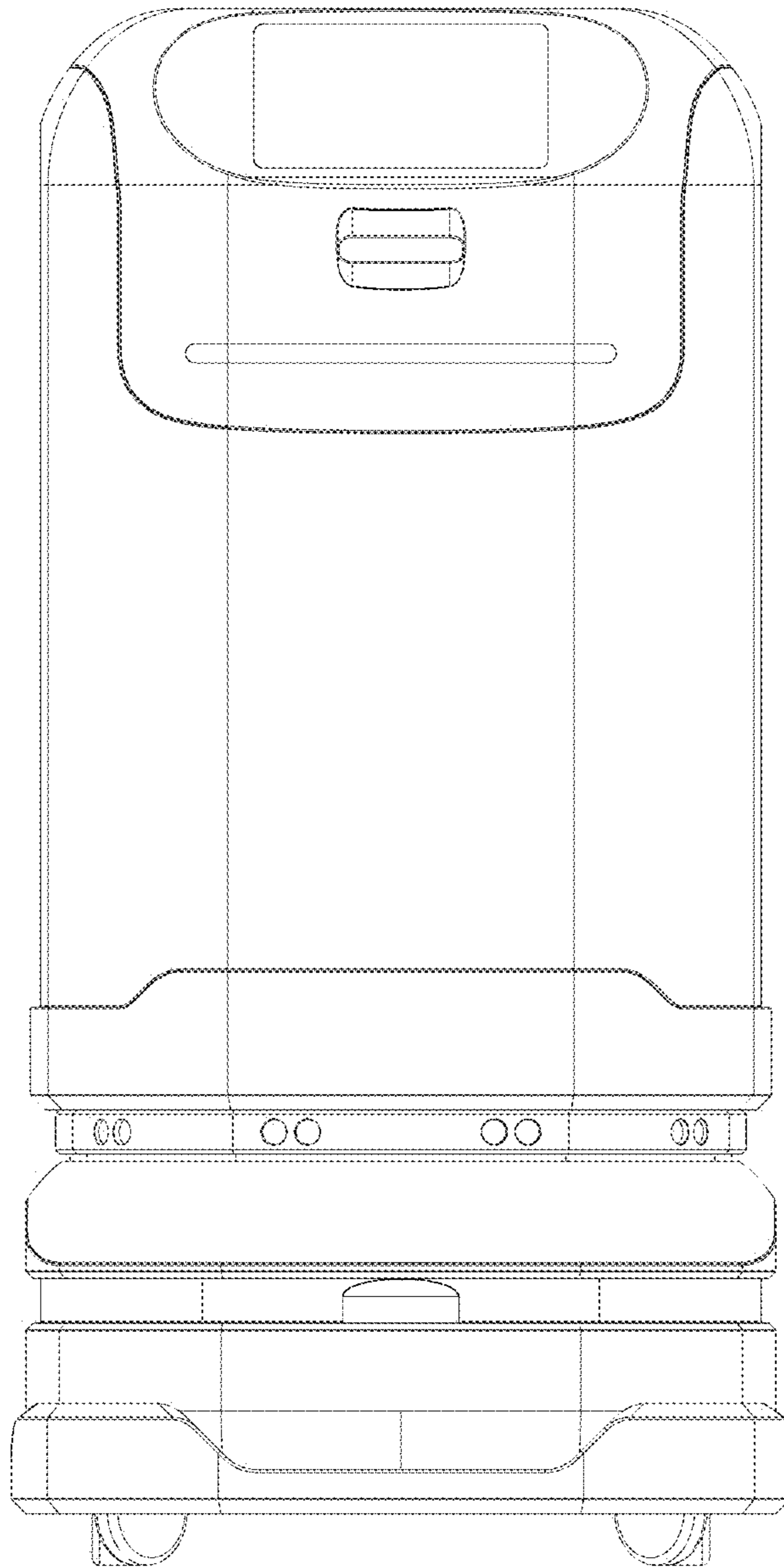


Fig.1

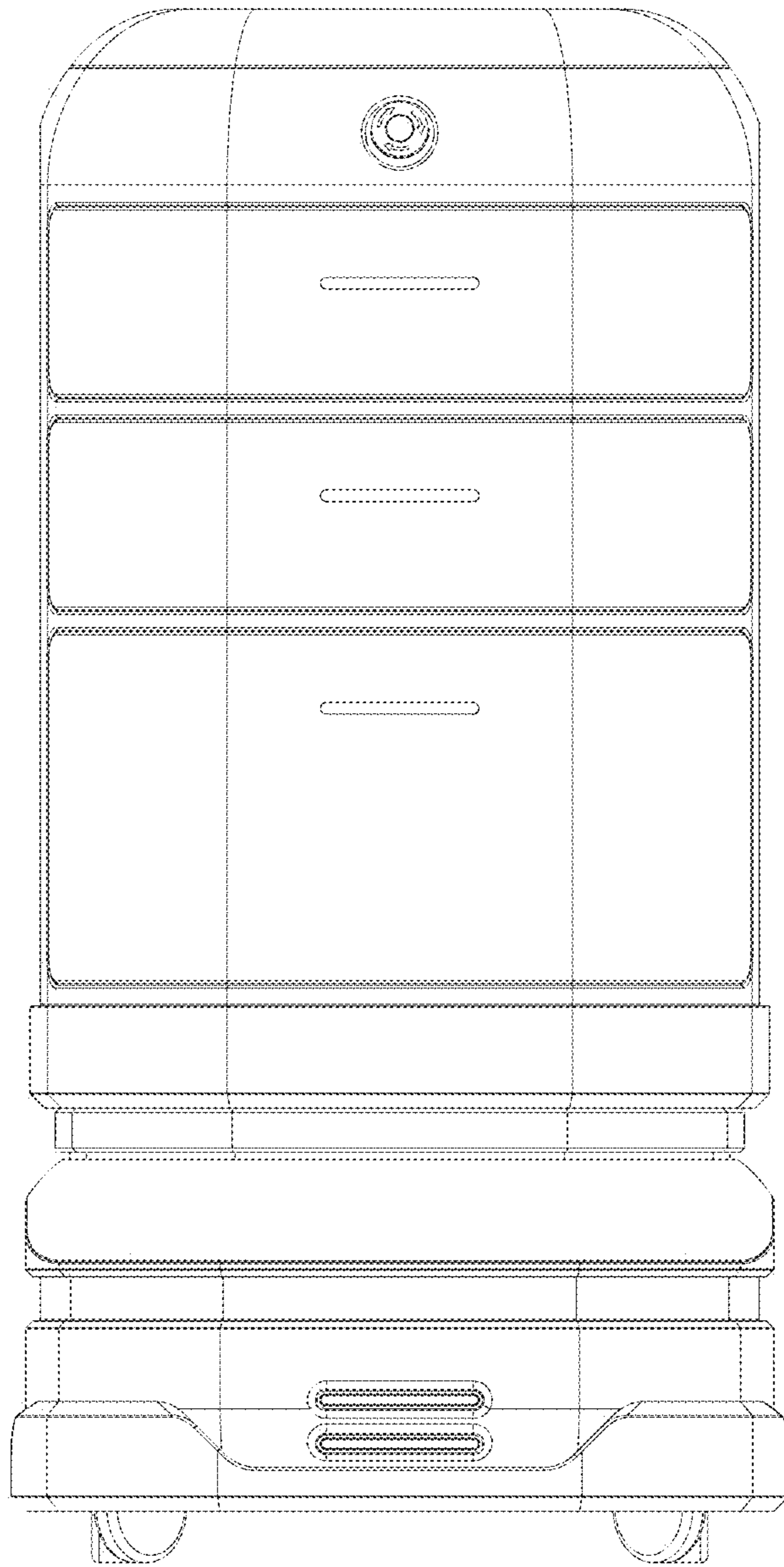


Fig.2

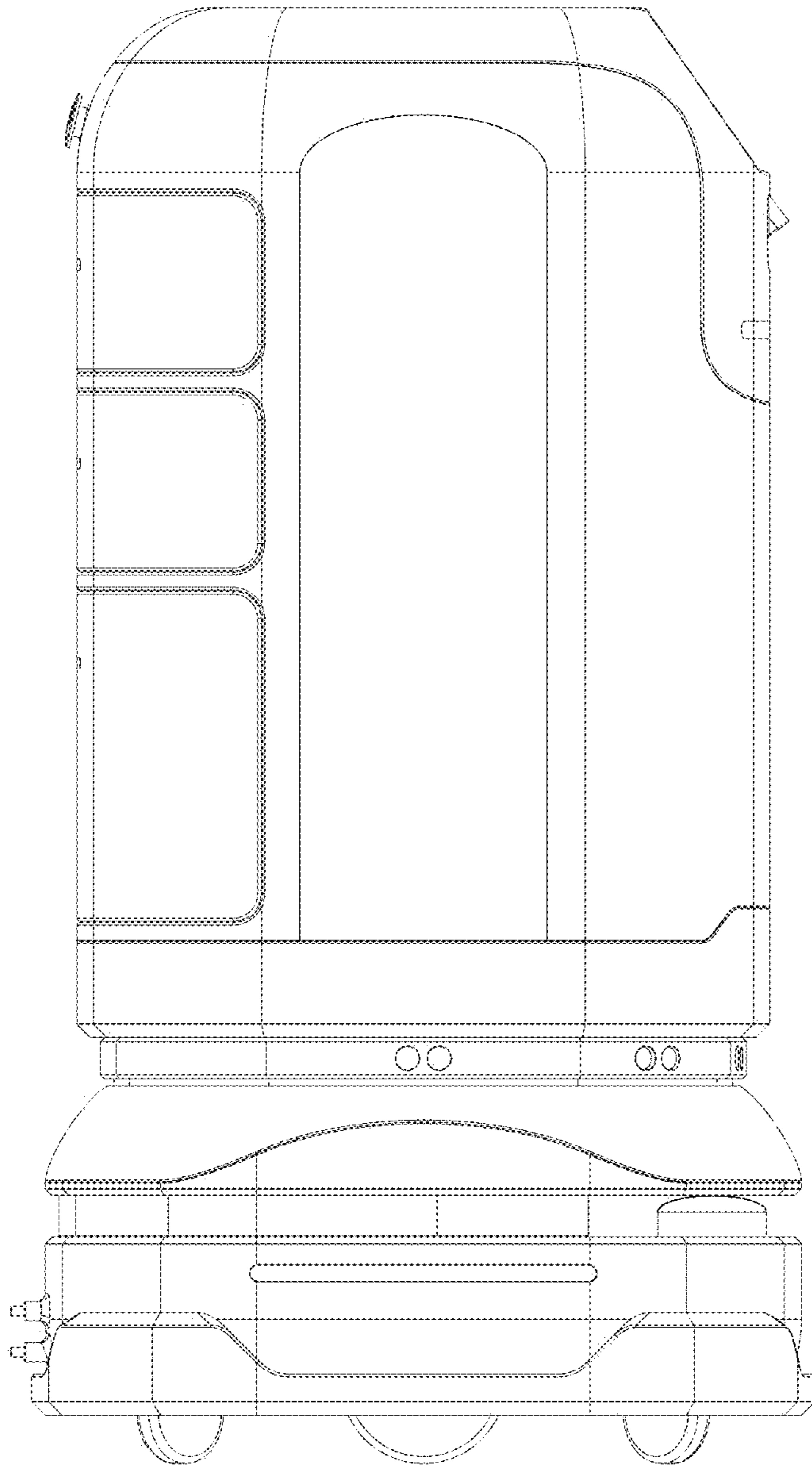


Fig.3

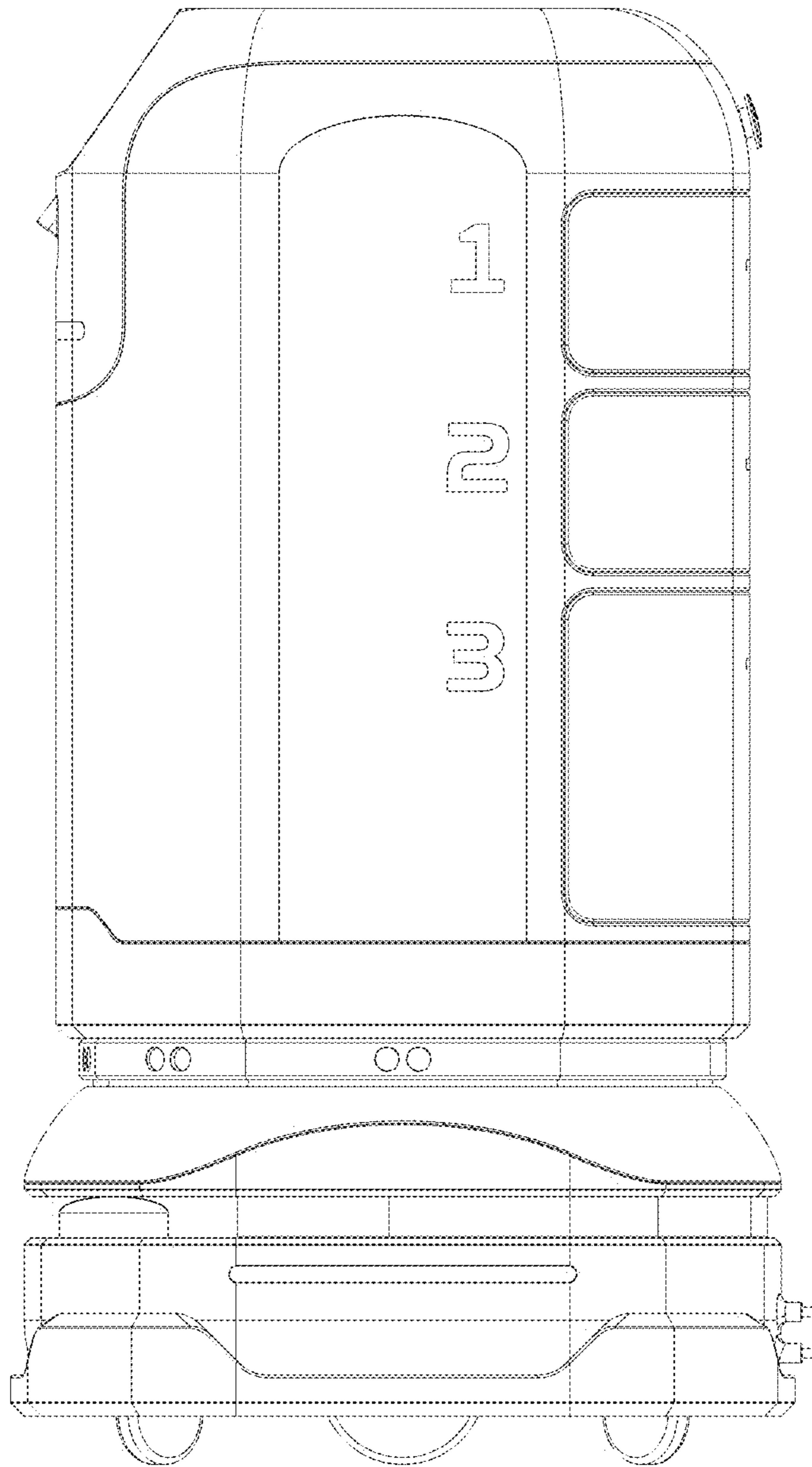


Fig.4

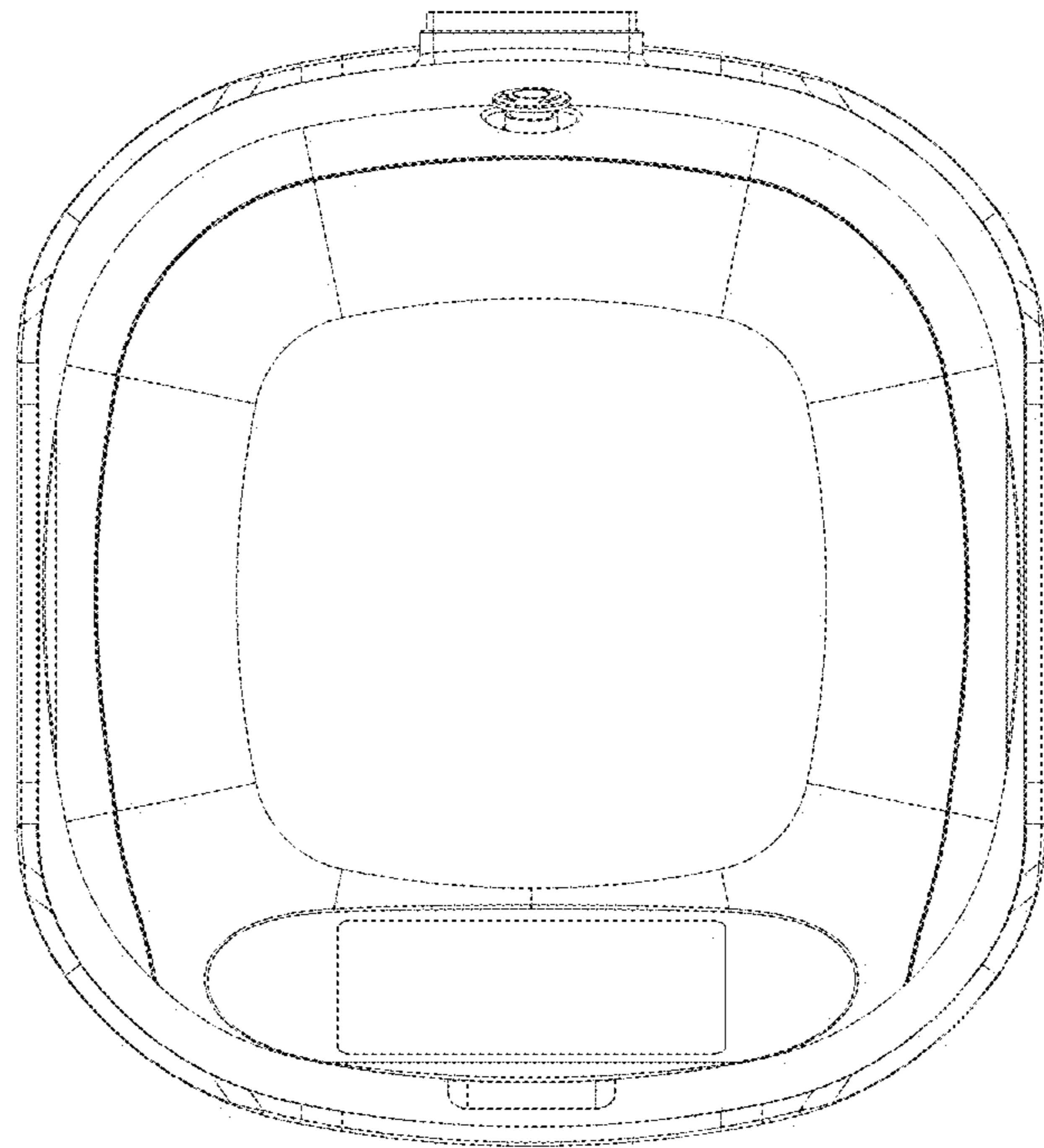


Fig.5

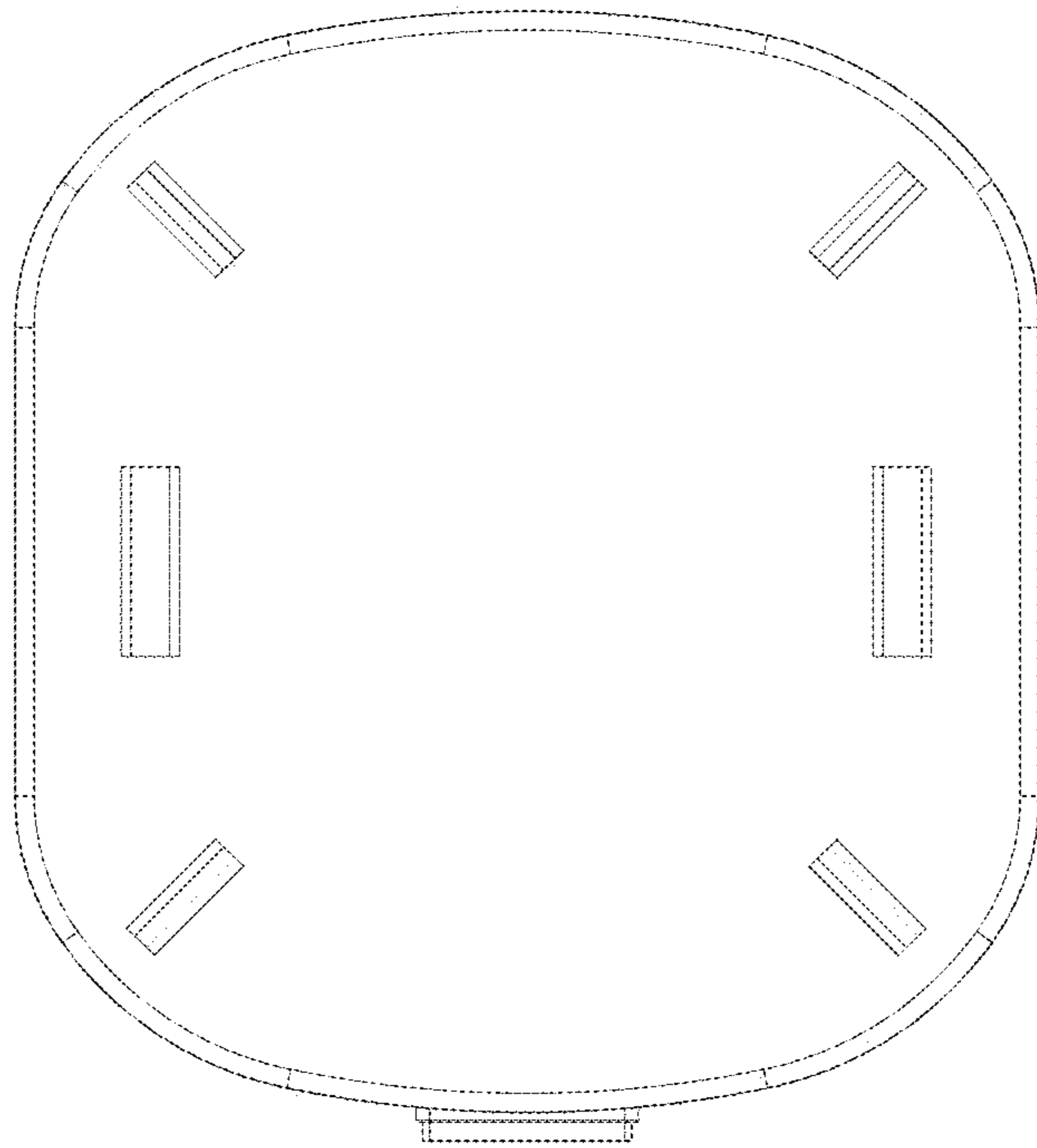


Fig.6

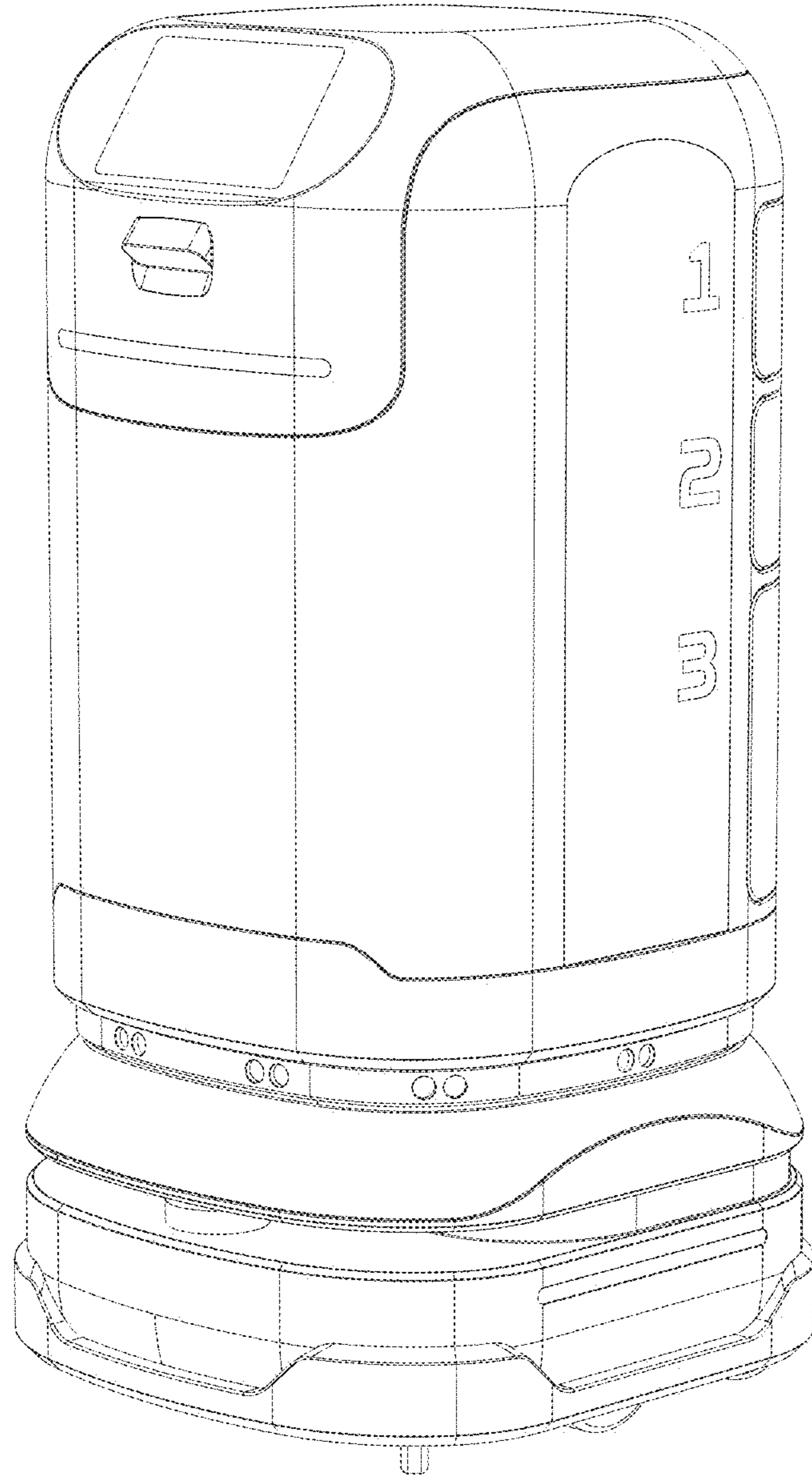


Fig.7

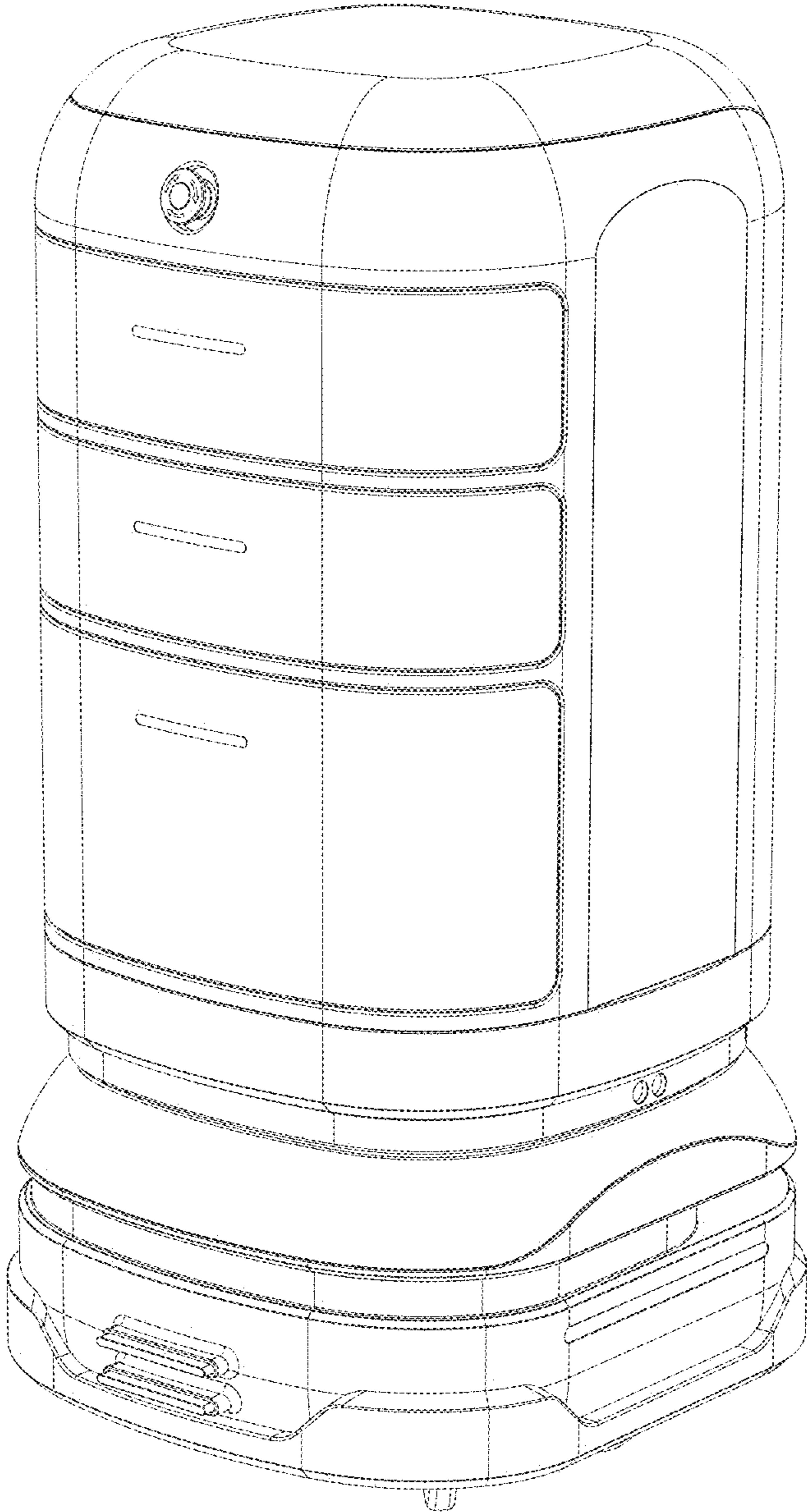


Fig.8