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

(10) **Patent No.:** **US D1,069,702 S**

(45) **Date of Patent:** **** Apr. 8, 2025**

(54) **MULTIFUNCTIONAL DOCKING STATION FOR A CLEANING ROBOT**

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(71) Applicant: **Beijing Roborock Technology Co., Ltd.**, Beijing (CN)

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(72) Inventors: **Pengfei Hao**, Beijing (CN); **Zechen Yu**, Beijing (CN); **Fanwei Meng**, Beijing (CN)

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(73) Assignee: **Beijing Roborock Technology Co., Ltd.**, Beijing (CN)

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

Primary Examiner — Shawn T Gingrich

Assistant Examiner — Amanda Christensen

(21) Appl. No.: **35/517,823**

(74) *Attorney, Agent, or Firm* — Morgan, Lewis & Bockius LLP

(22) Filed: **Jun. 27, 2023**

(80) **Hague Agreement Data**

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(57) **CLAIM**

The ornamental design for a multifunctional docking station for a cleaning robot, as shown and described.

(30) **Foreign Application Priority Data**

Jan. 4, 2023 (CN) 202330003640.8

(51) **LOC (15) Cl.** **13-02**

(52) **U.S. Cl.**
USPC **D13/108; D32/31**

(58) **Field of Classification Search**
USPC D13/103, 106, 107, 108, 109, 110, 118,
D13/119, 122, 199; D32/25, 30, 31;
D34/7

(Continued)

DESCRIPTION

- 1.1 is a front view of a first embodiment of a multifunctional docking station for a cleaning robot;
- 1.2 is a back view thereof;
- 1.3 is a left view thereof;
- 1.4 is a right view thereof;
- 1.5 is a top view thereof;
- 1.6 is a bottom view thereof;
- 1.7 is a front top perspective views thereof.
- 1.8 is a back top perspective views thereof.
- 1.9 is a back bottom perspective views thereof.
- 2.1 is a front view of a second embodiment of a multifunctional docking station for a cleaning robot;
- 2.2 is a back view thereof;
- 2.3 is a left view thereof;
- 2.4 is a right view thereof;
- 2.5 is a top view thereof;
- 2.6 is a bottom view thereof;
- 2.7 is a front top perspective views thereof; and
- 2.8 is a back top perspective views thereof.

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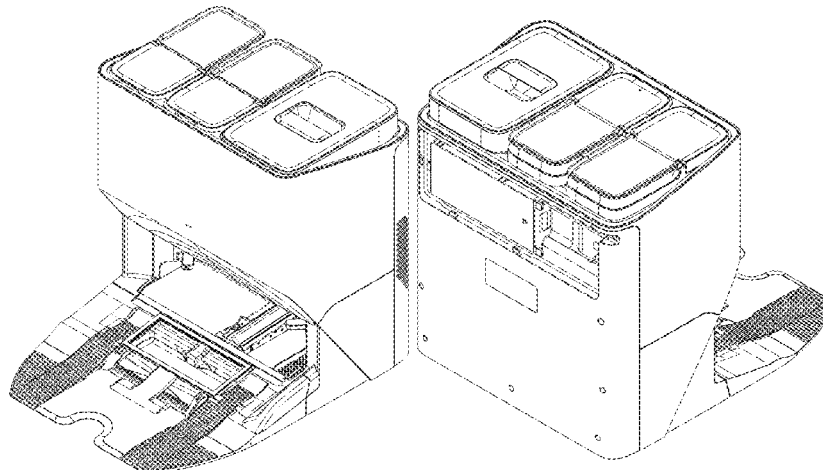
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The broken lines in the reproductions depict portions of the multifunctional docking station for a cleaning robot that form no part of the claimed design.

1 Claim, 17 Drawing Sheets

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- (58) **Field of Classification Search**
 CPC H02J 7/0044; H02J 7/0045; A47L 9/2815;
 A47L 11/24
 See application file for complete search history.

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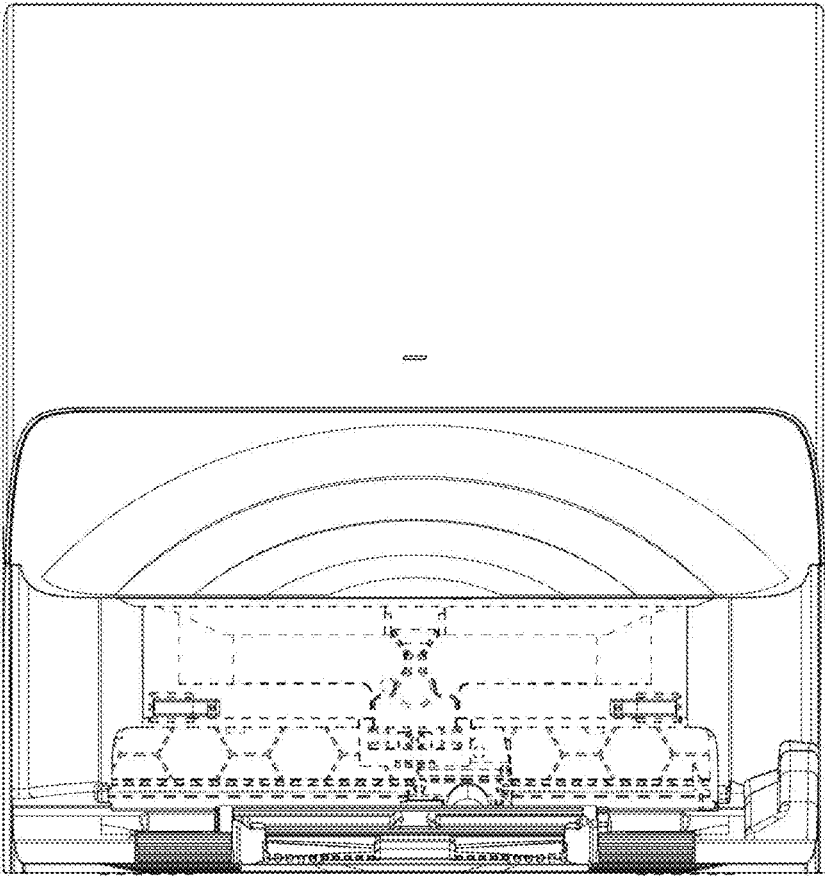
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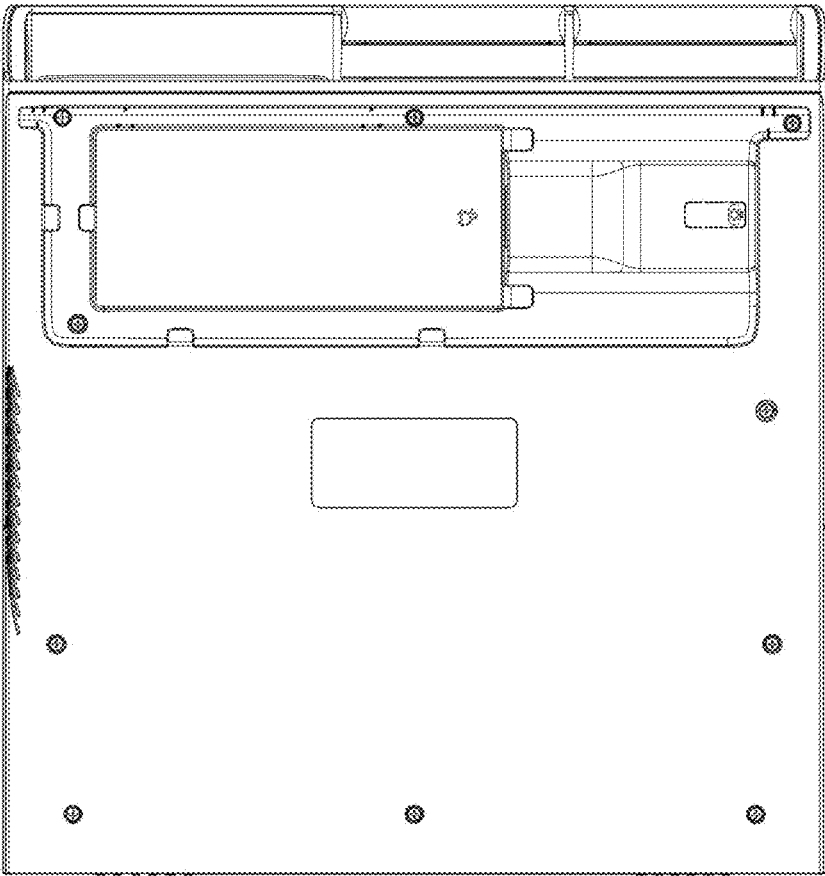
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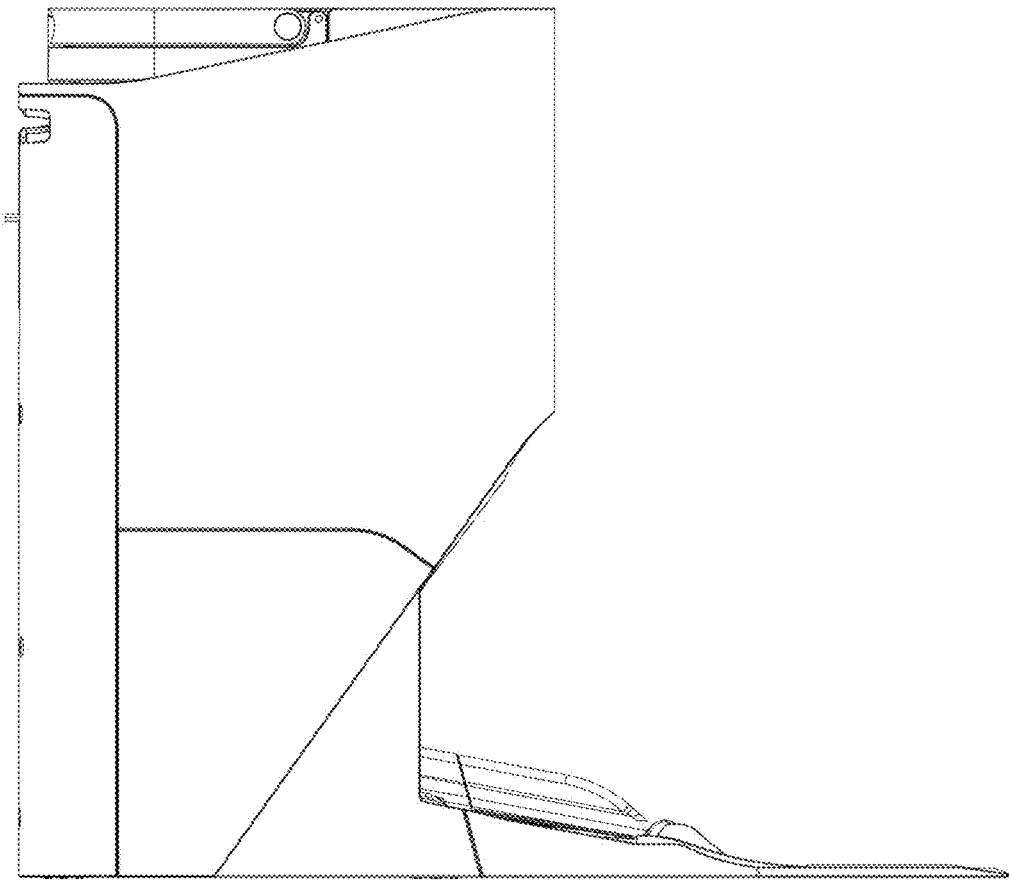
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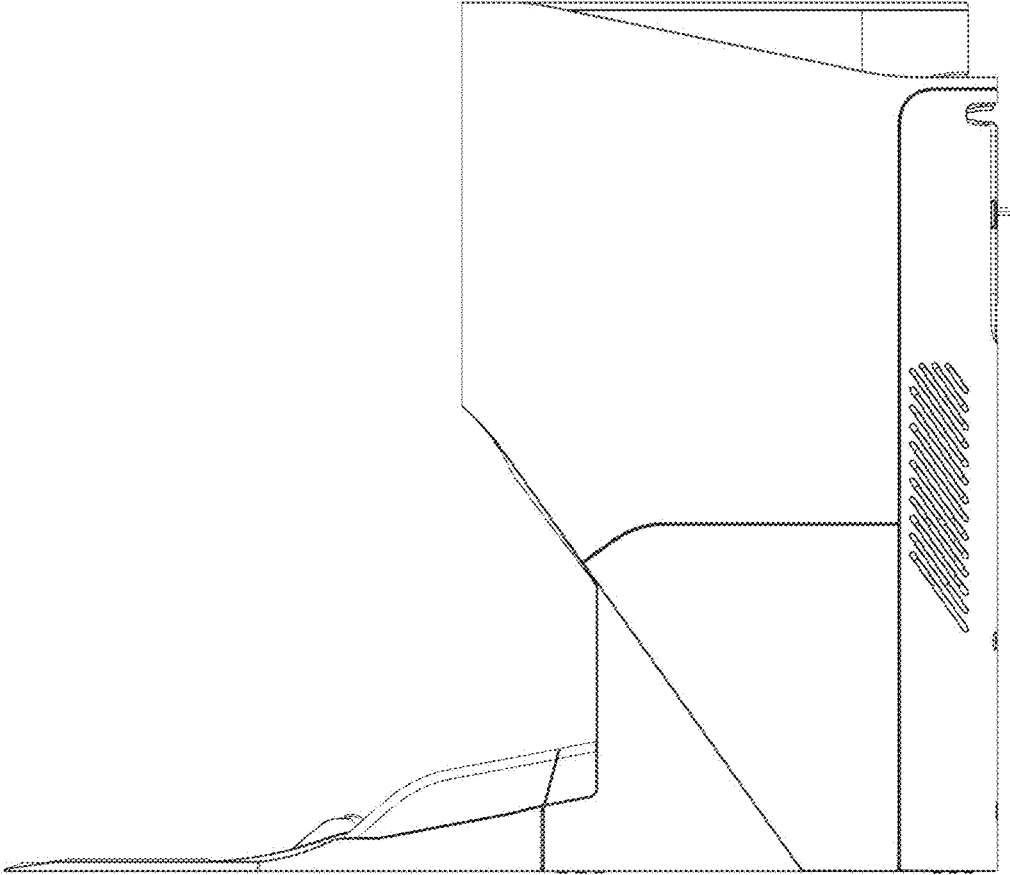
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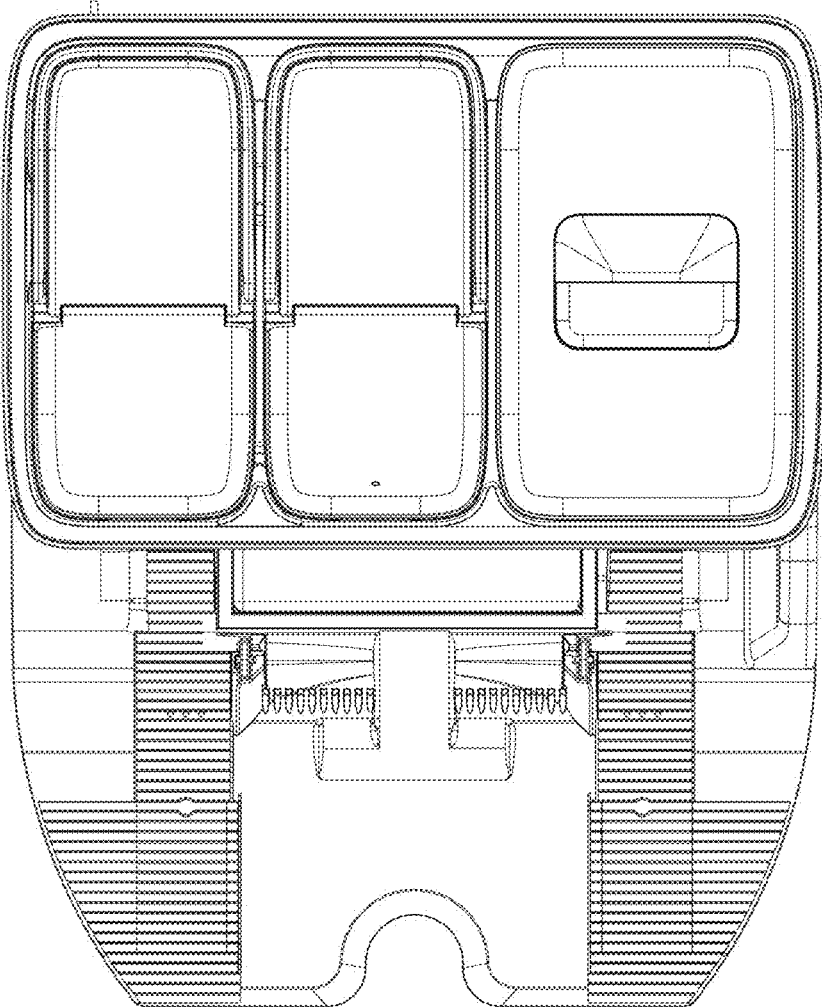
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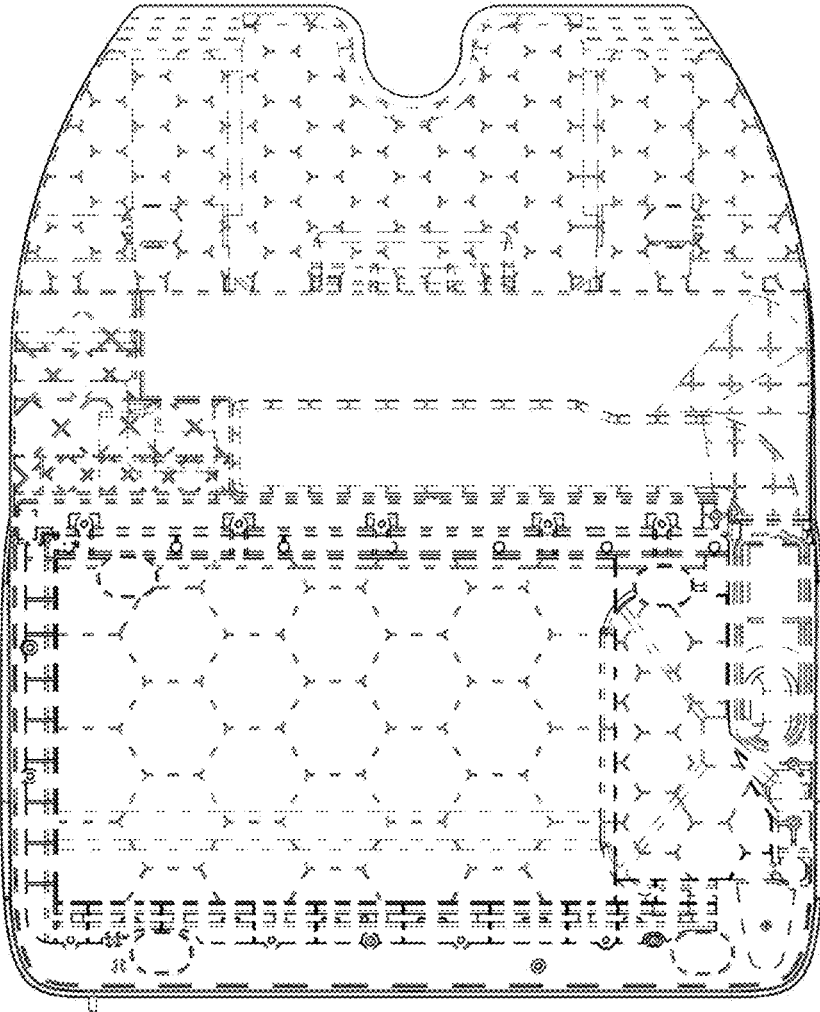
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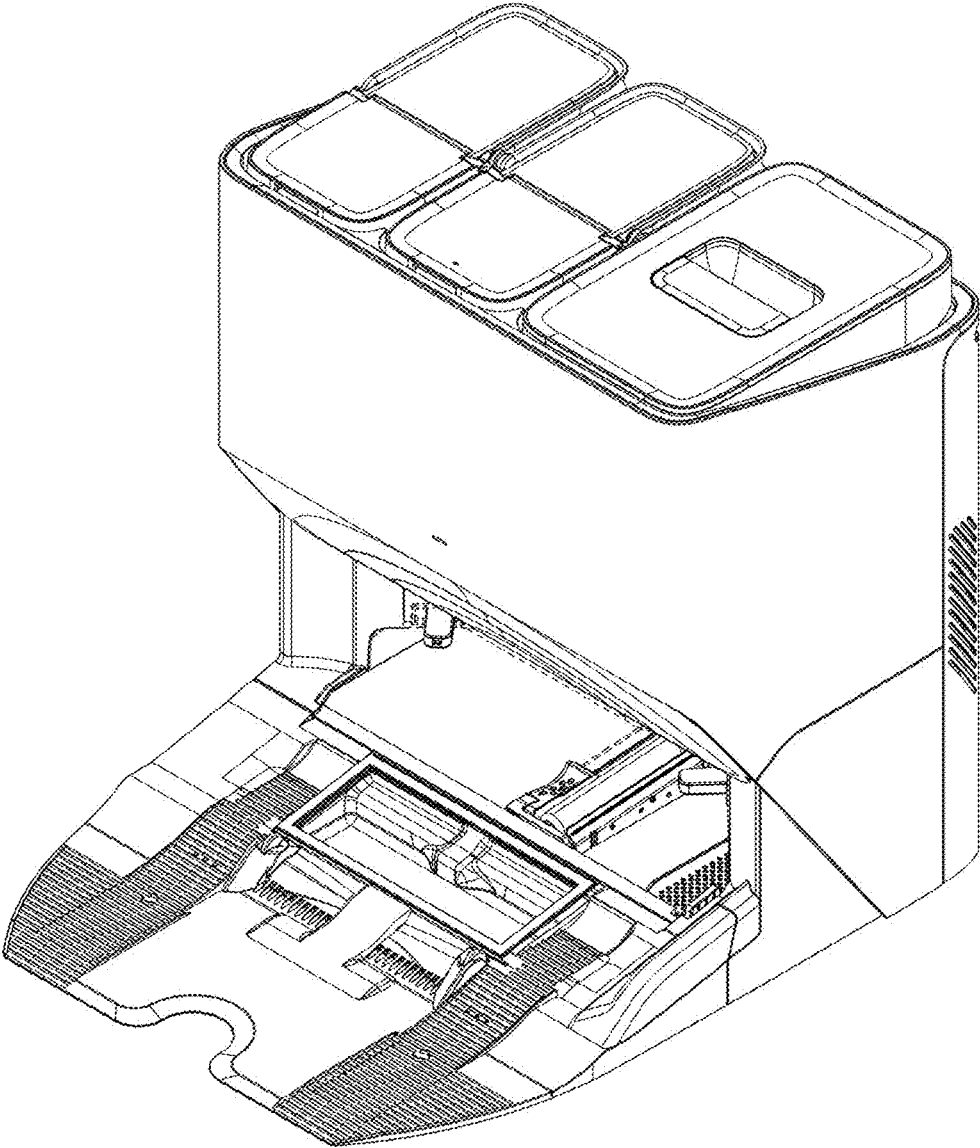
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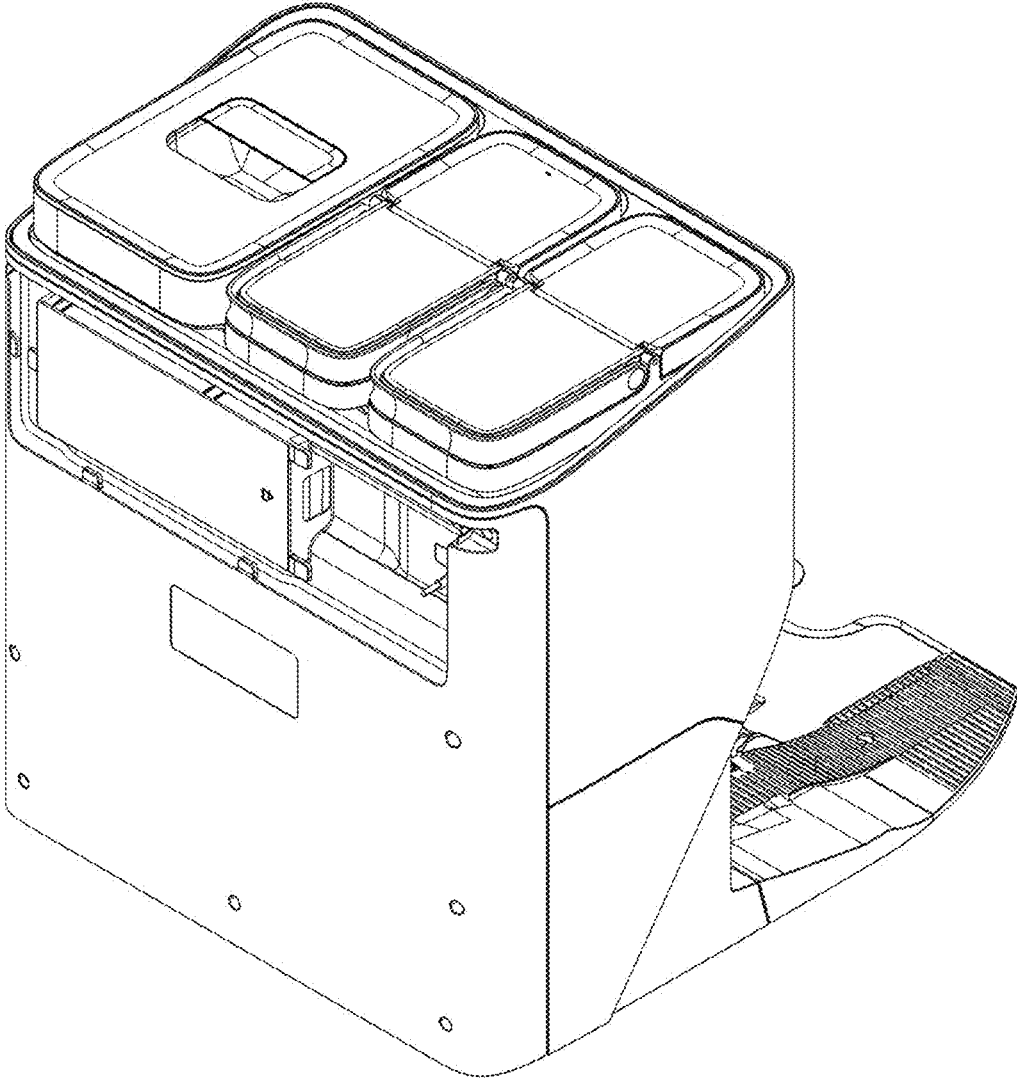
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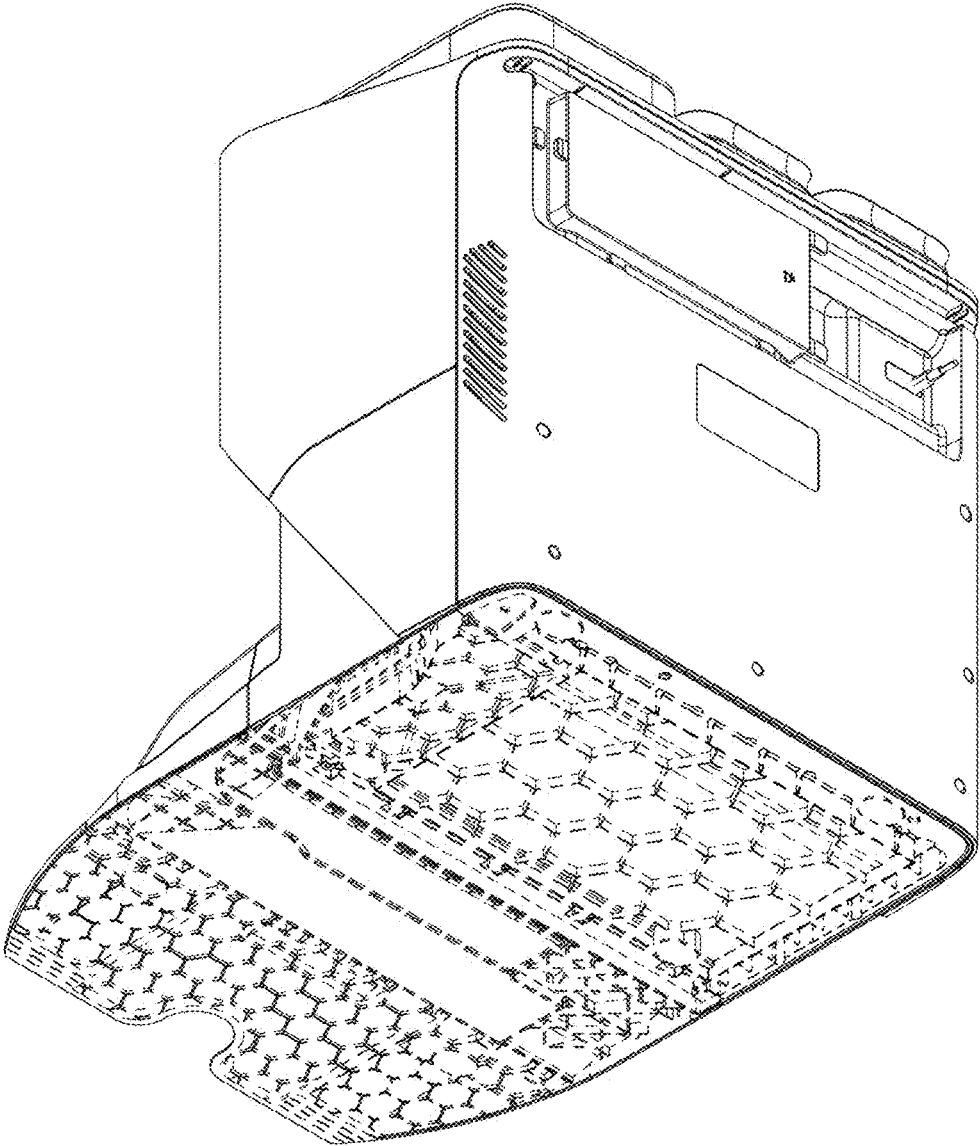
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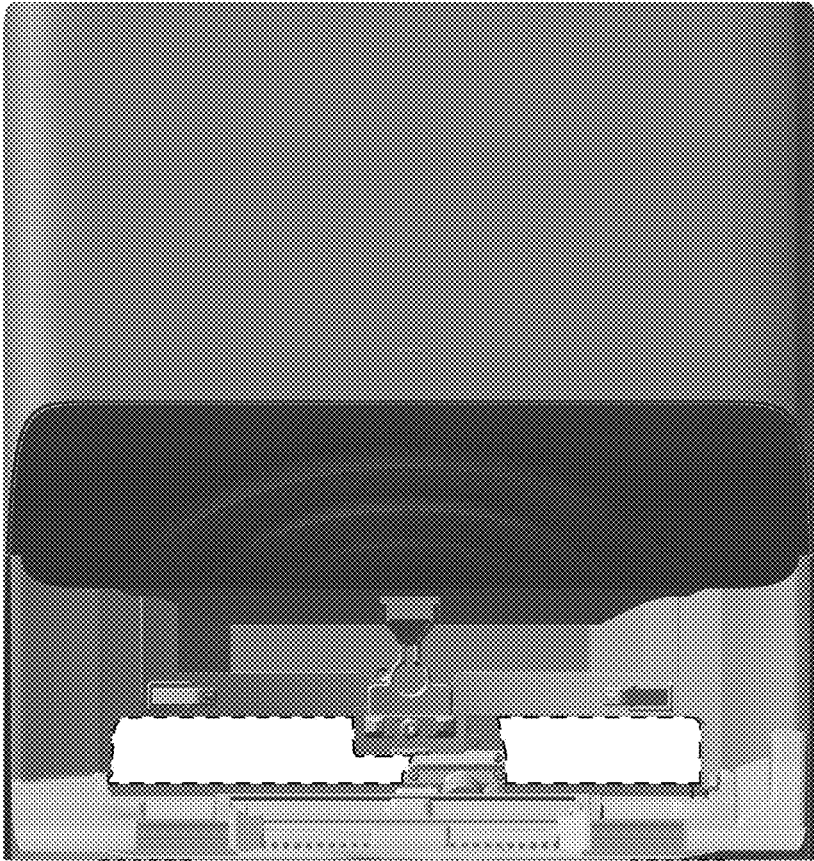
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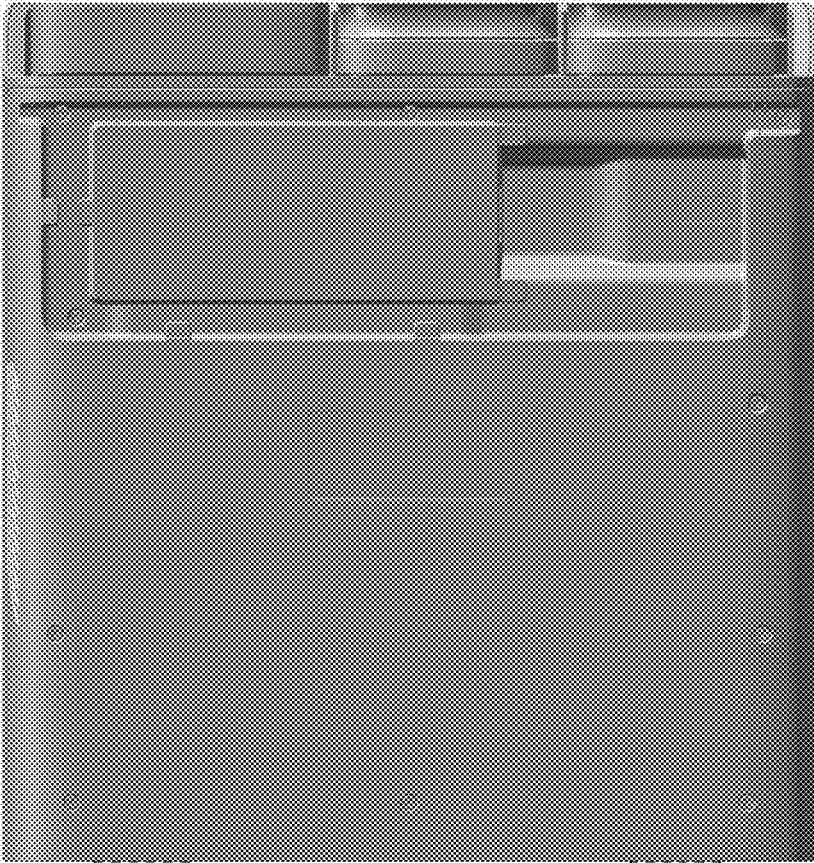
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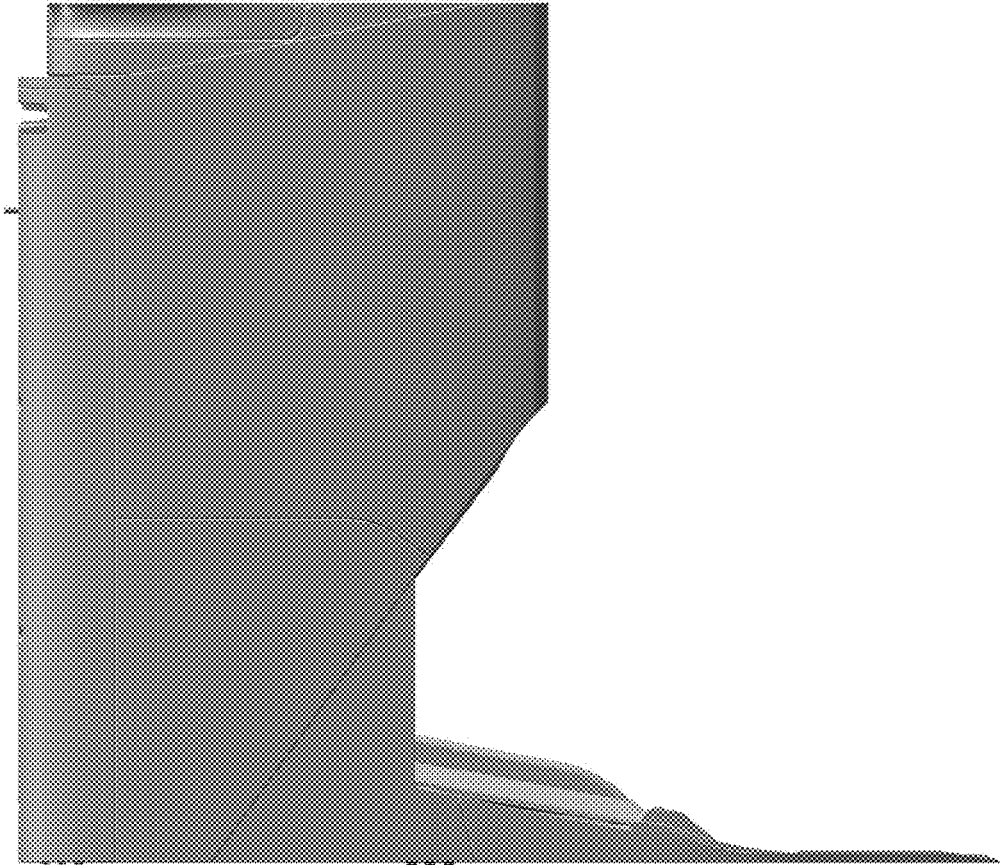
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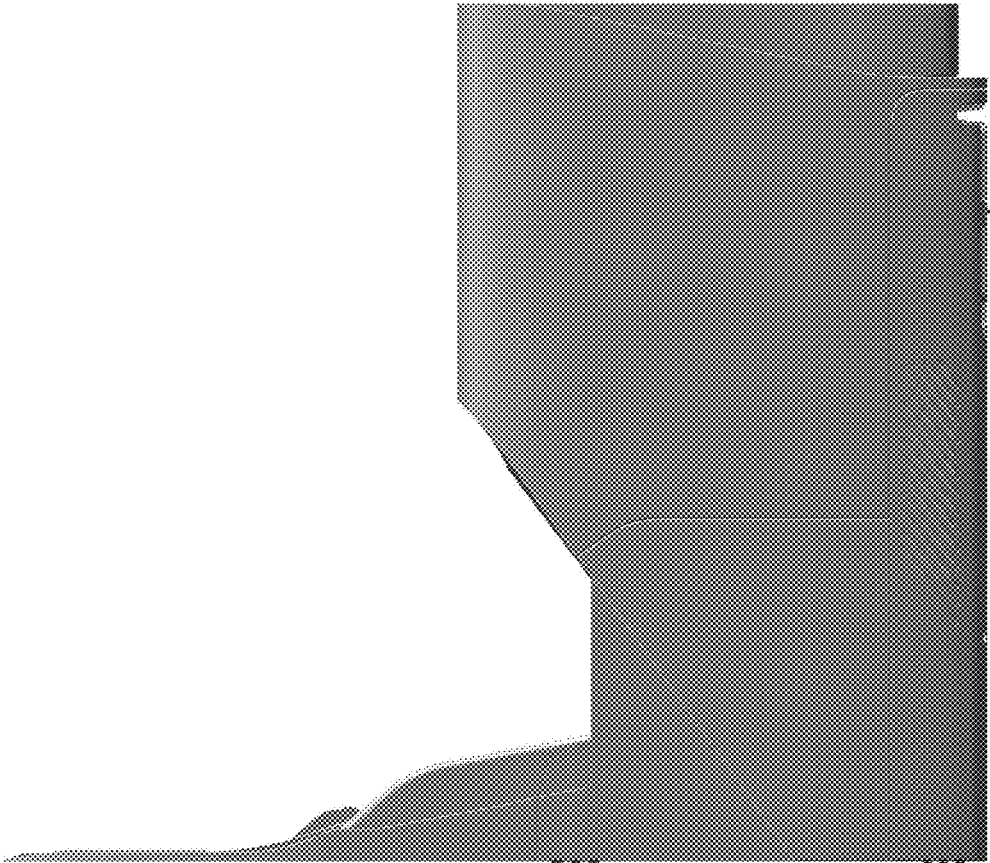
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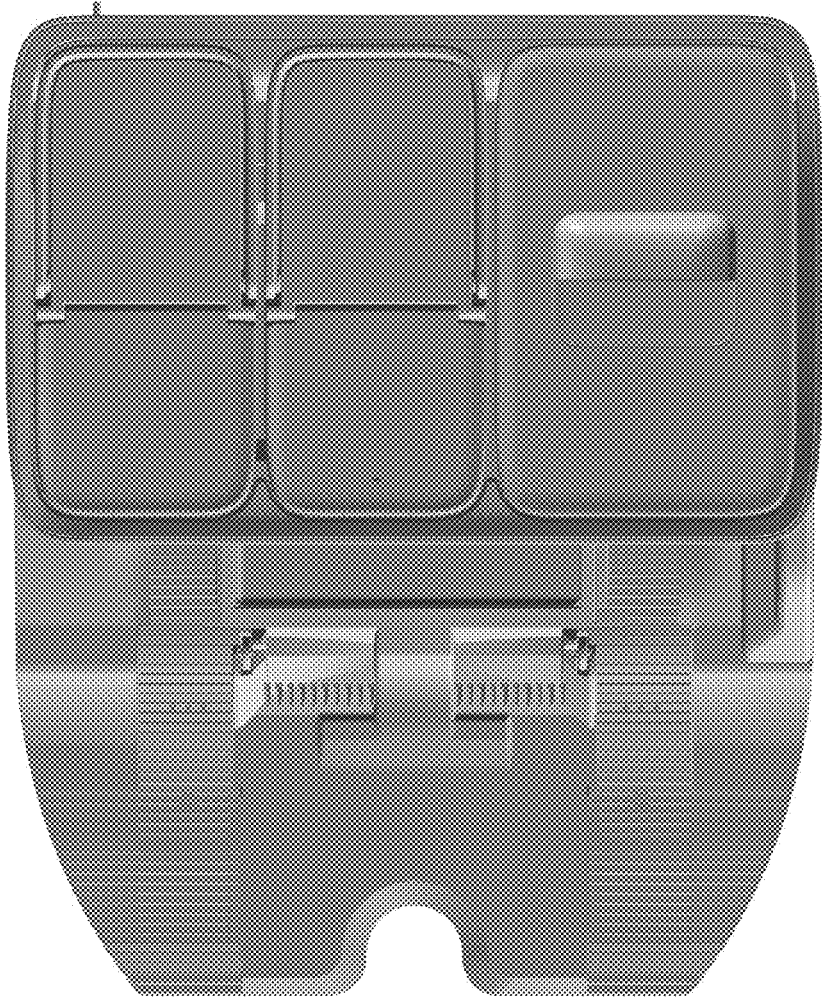
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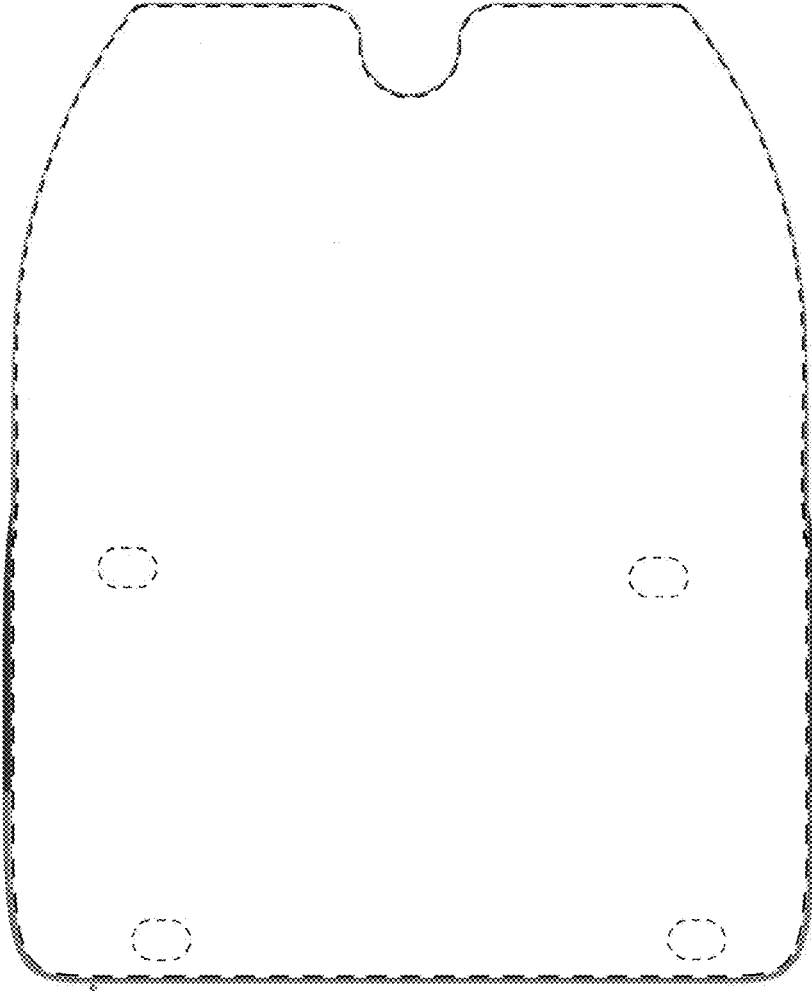
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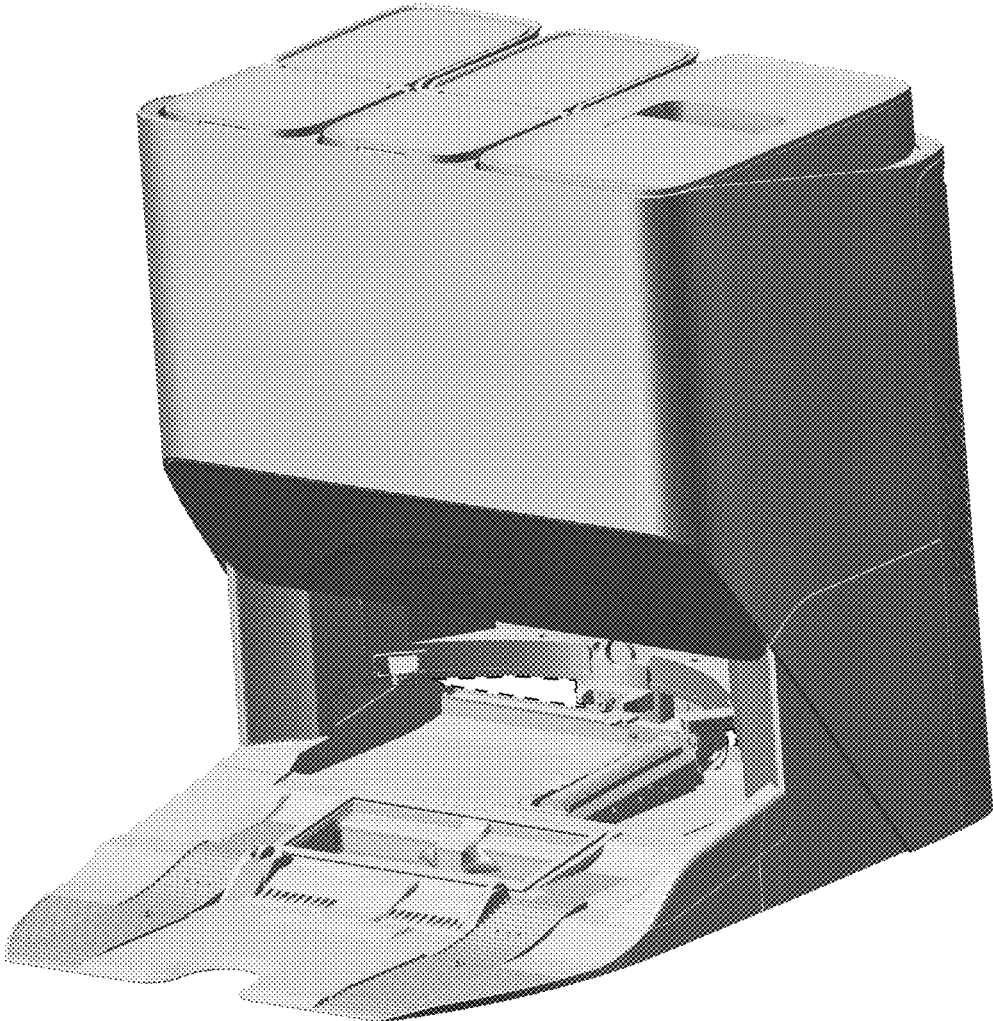
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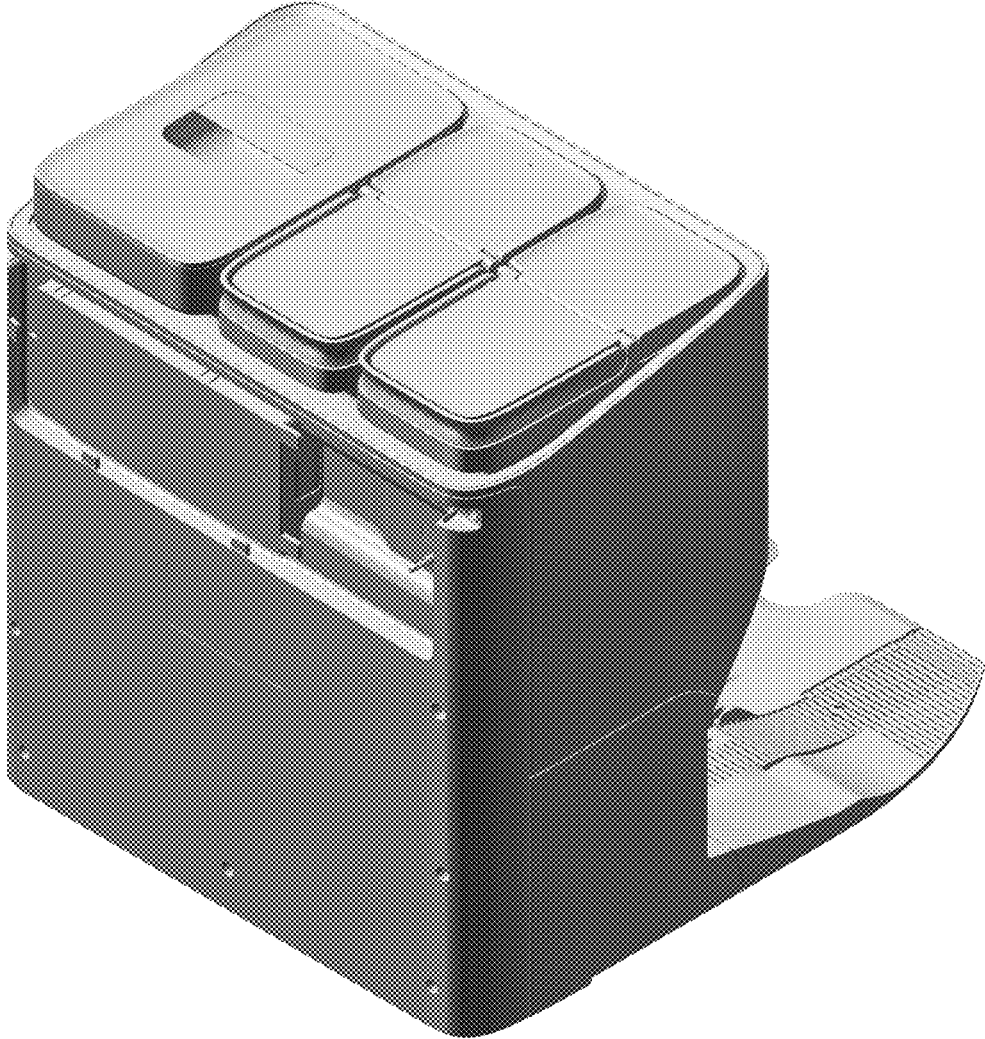
2.5



2.6



2.7



2.8