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United States Design Patent

Kim et al.

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(54) ROBOT VACUUM CLEANER

2201/06; B25J 9/0003; B25J 9/1694;
E04H 4/1636; G06N 3/008

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See application file for complete search history.

(72) Inventors: Seongmin Kim, Seoul (KR); Yunseo
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(73) Assignee: LG ELECTRONICS INC., Seoul
(KR)

(**) Term: 15 Years

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(21) Appl. No.: 35/520,077

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(22) Filed: Feb. 23, 2023

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Primary Examiner — Lakiya G Rogers

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(51) LOC (15) Cl. 15-05

(57) CLAIM

(52) U.S. Cl.
USPC D32/21

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

(58) Field of Classification Search

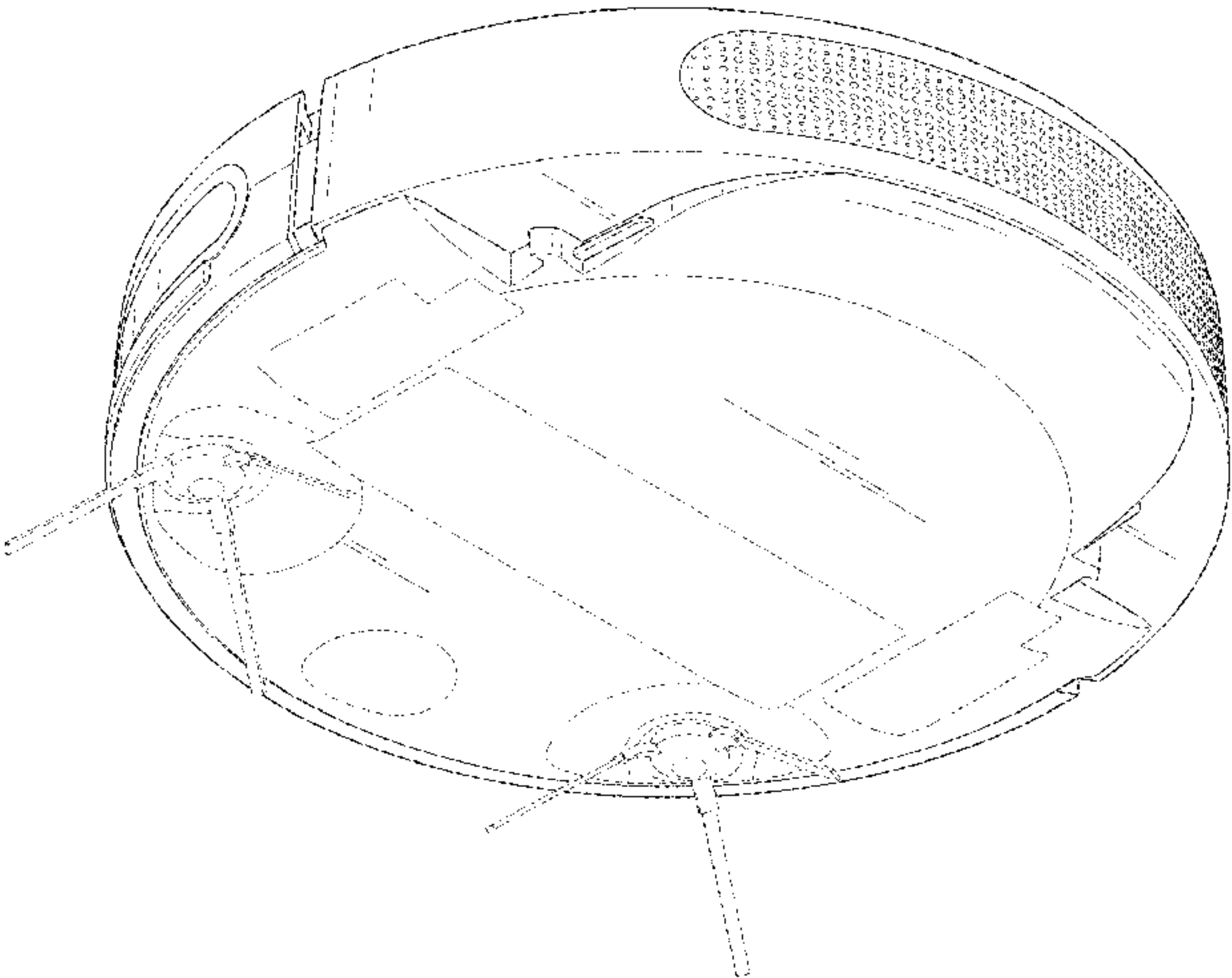
DESCRIPTION

USPC D32/1, 15, 21, 25, 31, 35, 38; D15/199;
D21/526, 578

CPC . A47L 5/08; A47L 5/30; A47L 7/0004; A47L
9/04; A47L 9/2805; A47L 11/30; A47L
11/4011; A47L 11/4016; A47L 11/4038;
A47L 11/4061; A47L 2201/04; A47L

- 1. Robot vacuum cleaner
- 1.1 : Front perspective view
- 1.2 : Bottom perspective view
- 1.3 : Front
- 1.4 : Back

(Continued)



1.5 : Left
1.6 : Top
1.7 : Bottom

The broken lines shown in the reproductions depict portions of the robot vacuum cleaner that form no part of the claimed design; a right view is omitted because it is a mirror image of the left view.

1 Claim, 7 Drawing Sheets

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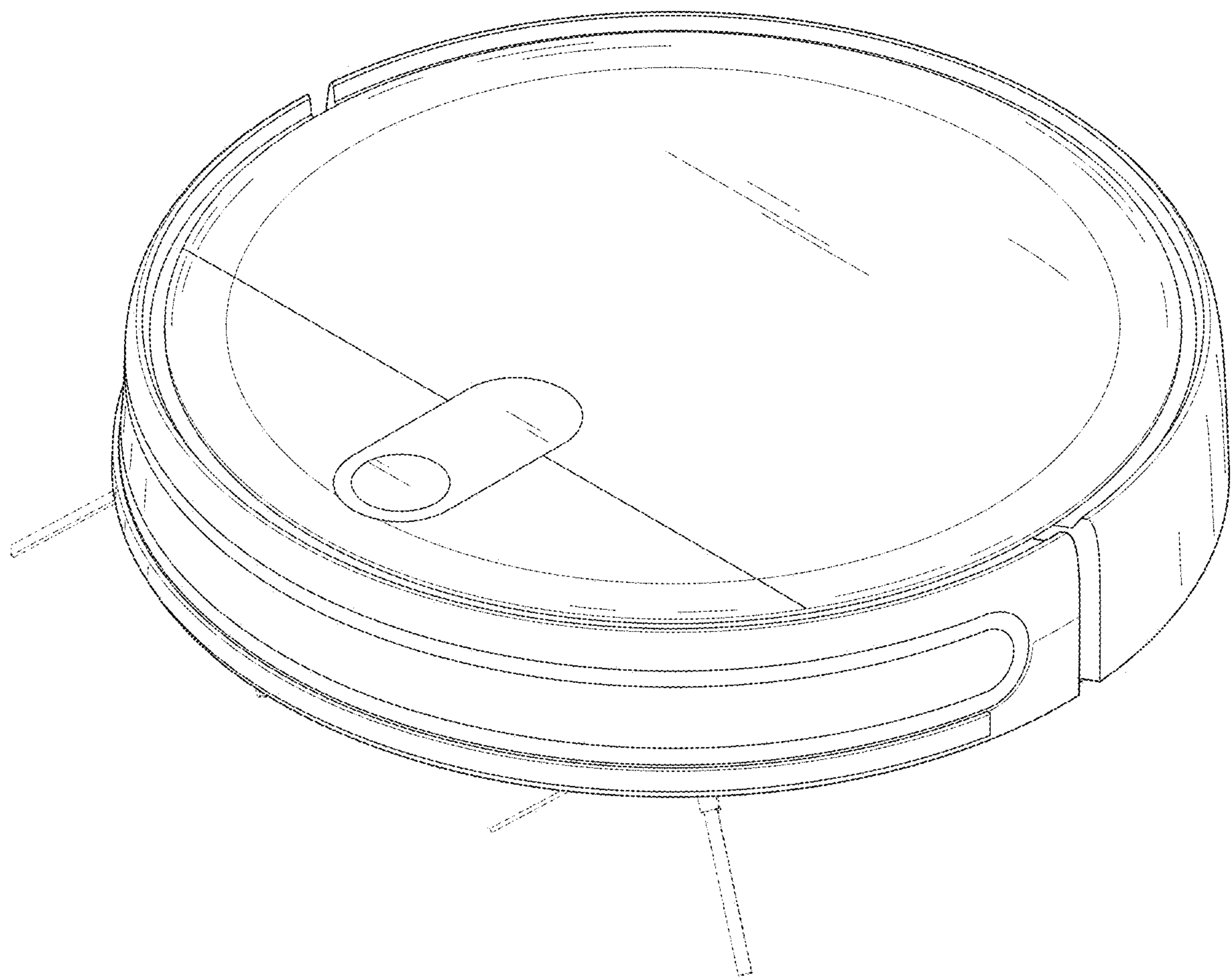
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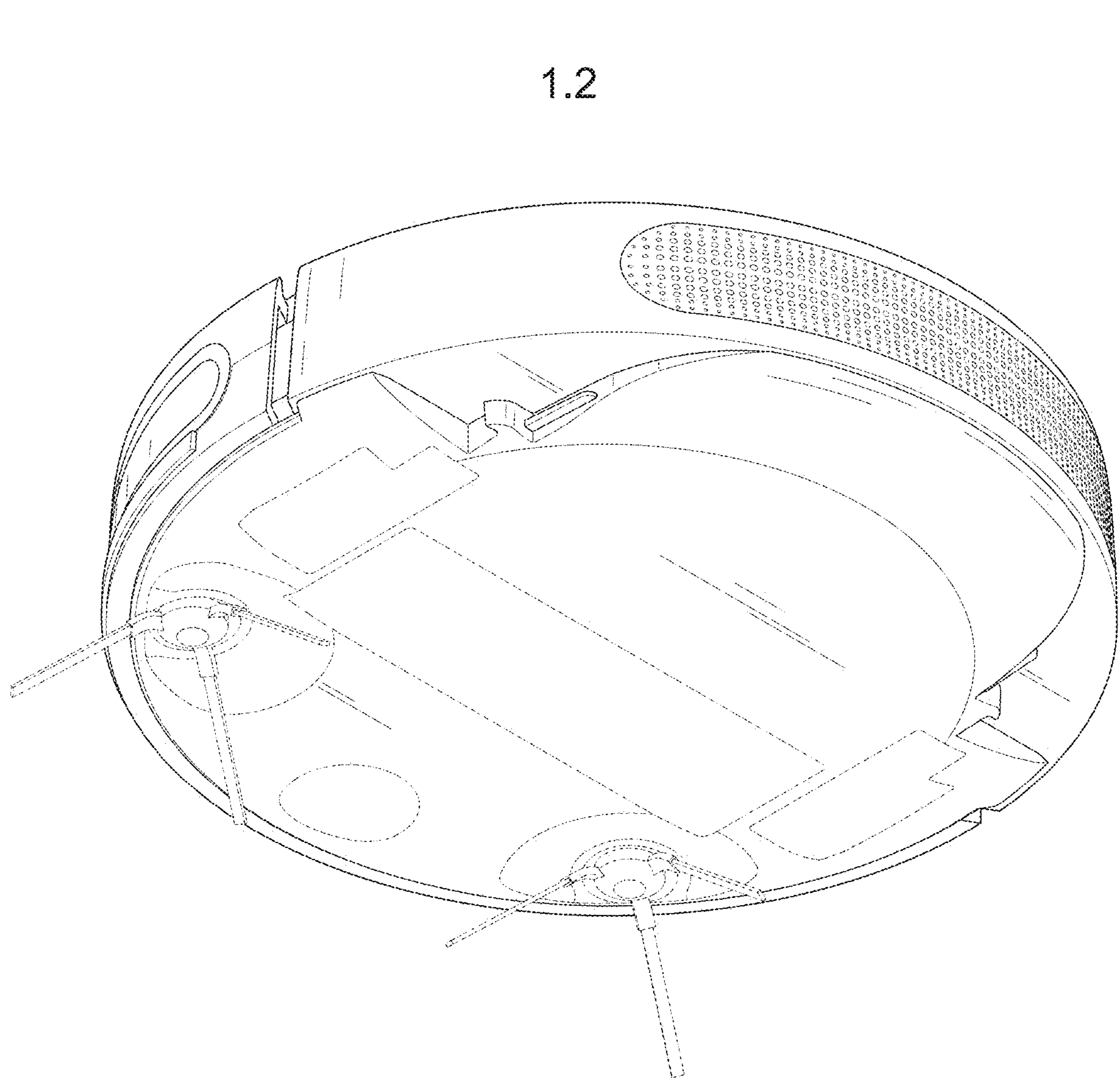
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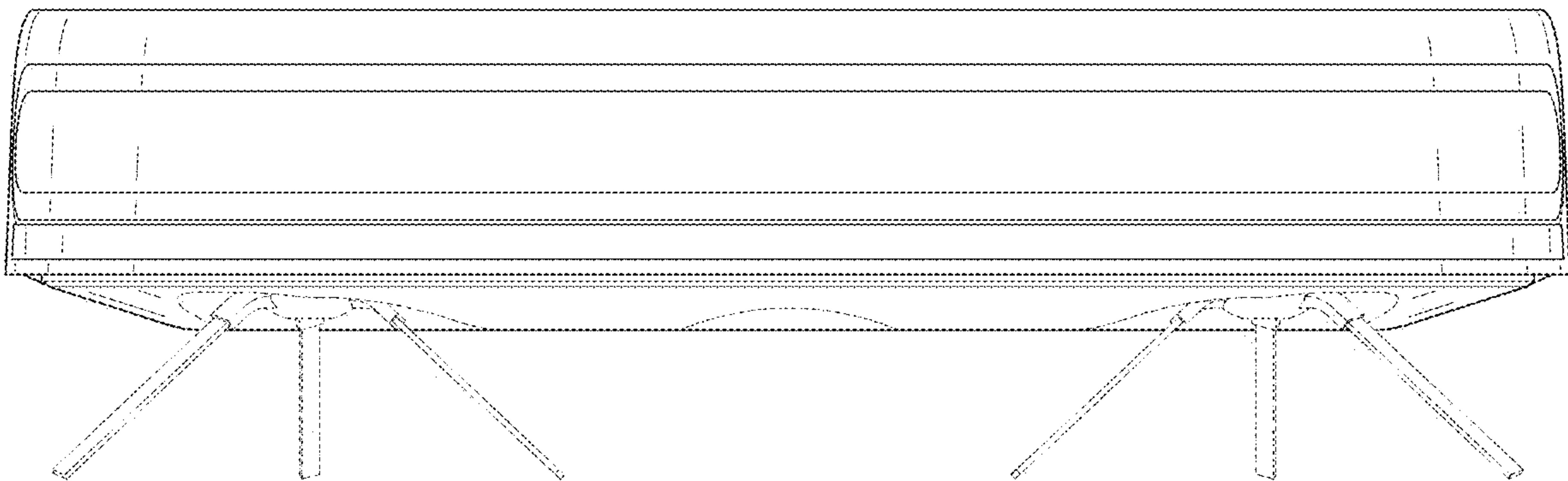
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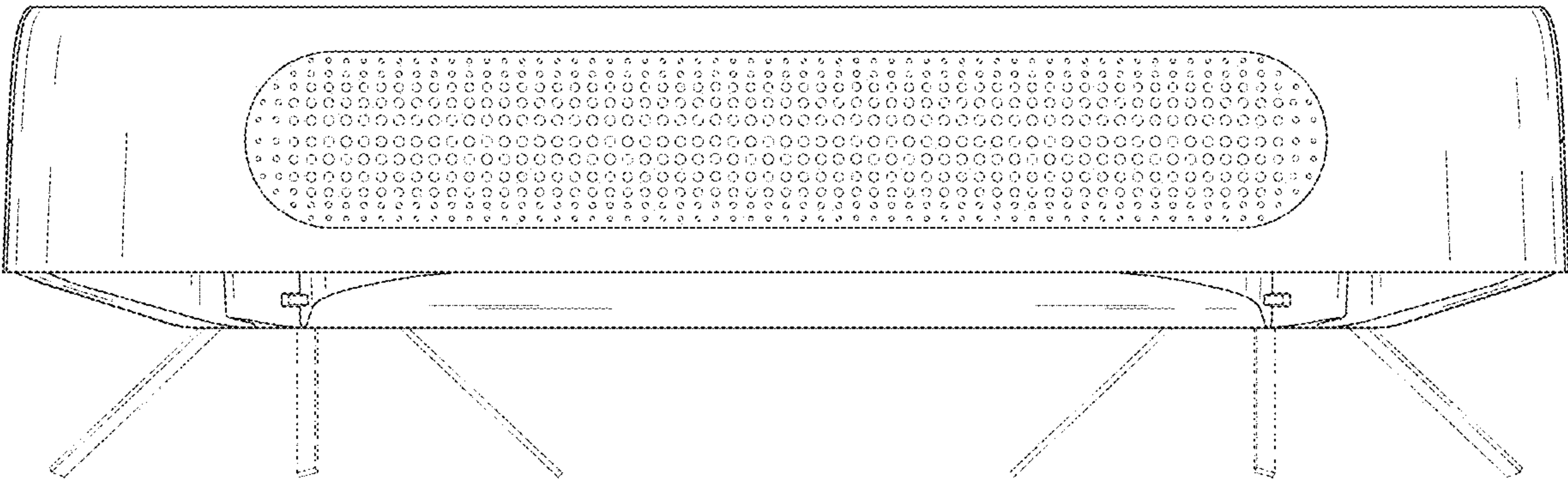
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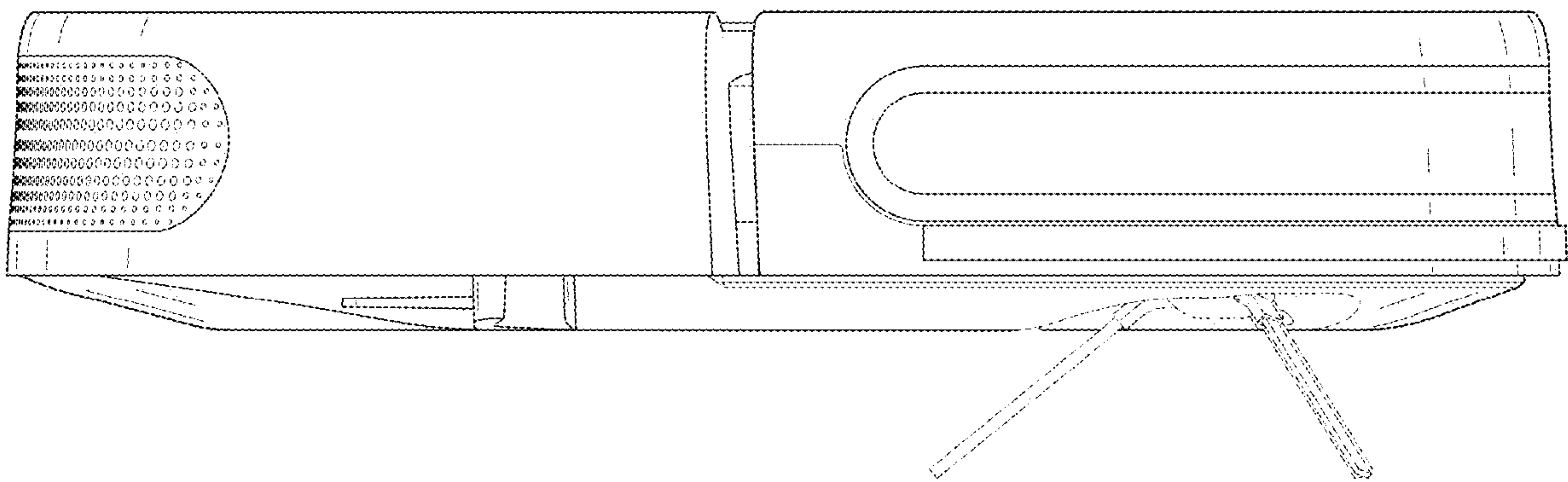
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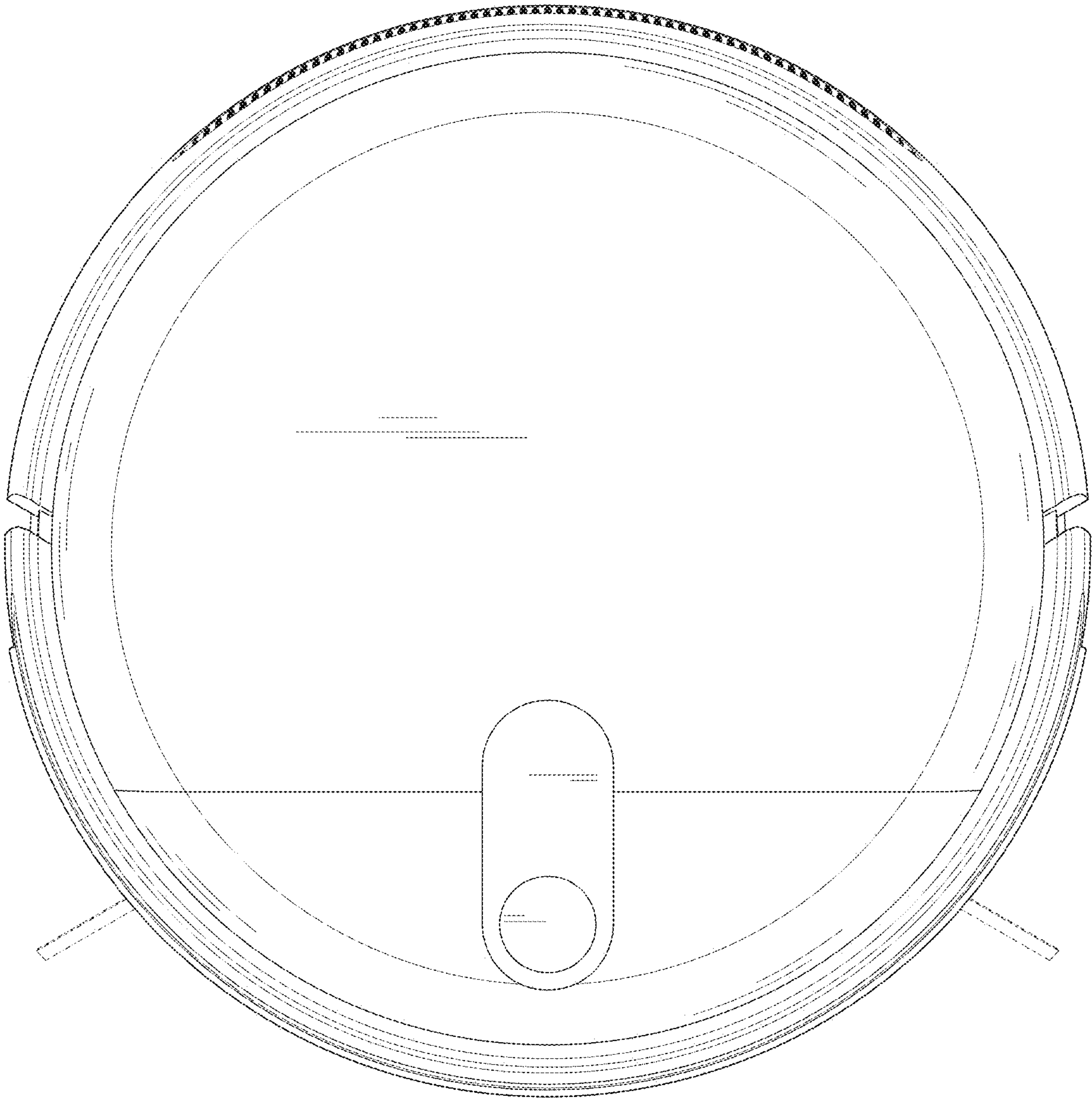
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1.5



1.6



1.7

