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(12) **United States Design Patent** (10) **Patent No.:** **US D968,988 S**  
**Kaimasu** (45) **Date of Patent:** **\*\* Nov. 8, 2022**

(54) **GAS SENSOR**

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(72) Inventor: **Ryo Kaimasu**, Osaka (JP)

(57) **CLAIM**

(73) Assignee: **NEW COSMOS ELECTRIC CO., LTD.**, Osaka (JP)

The ornamental design for gas sensor, as shown and described.

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

**DESCRIPTION**

(21) Appl. No.: **35/512,274**

(22) Filed: **Jan. 28, 2021**

(80) **Hague Agreement Data**

Int. Filing Date: **Jan. 28, 2021**

Int. Reg. No.: **DM/212758**

Int. Reg. Date: **Jan. 28, 2021**

Int. Reg. Pub. Date: **Jul. 30, 2021**

(51) **LOC (13) Cl.** ..... **10-04**

(52) **U.S. Cl.**  
USPC ..... **D10/81**

(58) **Field of Classification Search**  
USPC ..... D10/81, 106.2

(Continued)

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(Continued)

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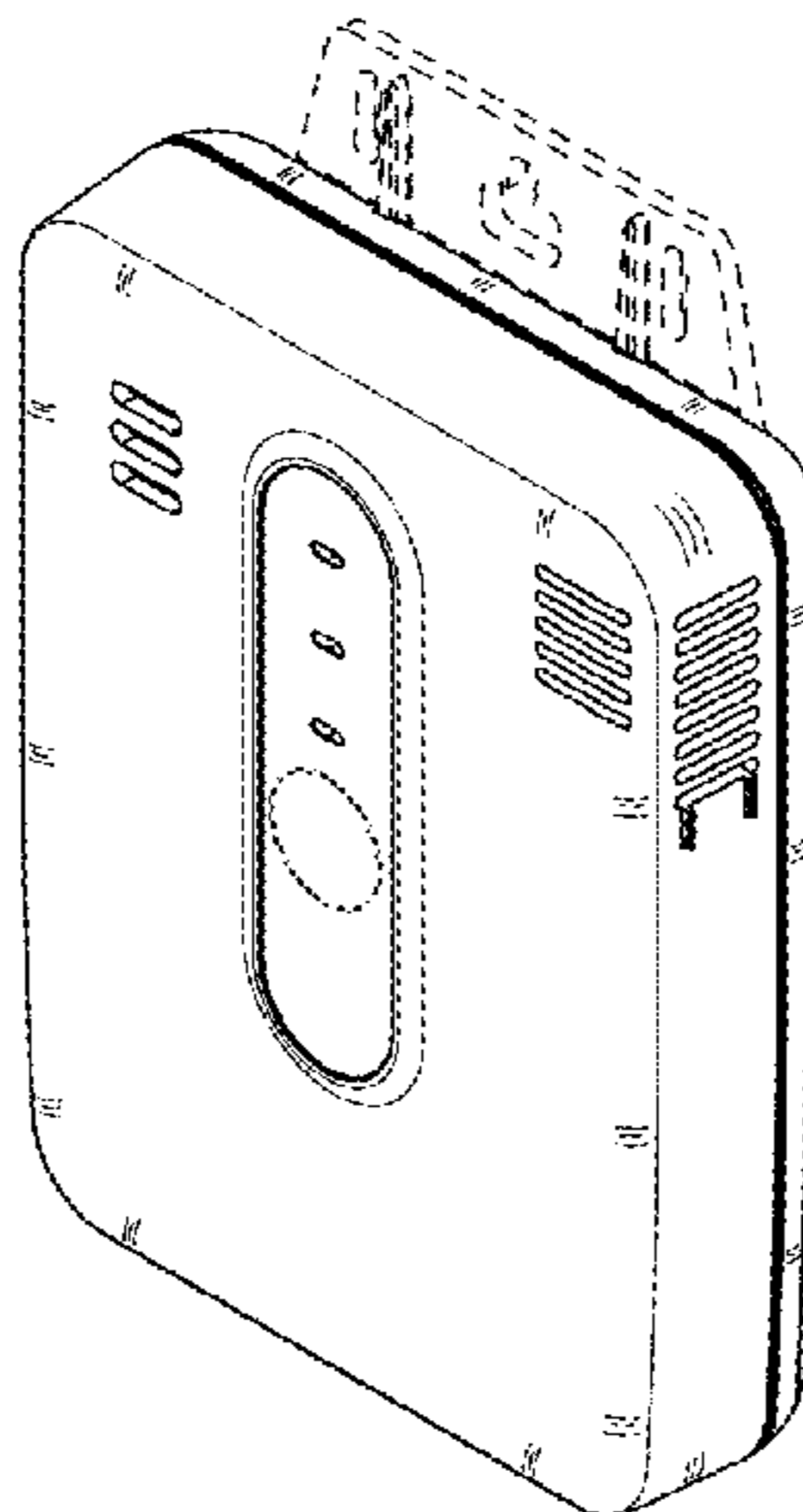
Honeywell MicroClip 4-Gas [https://www.industrialsafetyproducts.com/honeywell-mcxl-xwhm-y-na-microclip-4-gas-lcl-o2-co-h2s/?gclid=EAlalQobChMI5ujkuc2Z-QIVhu6zCh2mzgxoEAQYBSABEgKNrFD\\_BwE](https://www.industrialsafetyproducts.com/honeywell-mcxl-xwhm-y-na-microclip-4-gas-lcl-o2-co-h2s/?gclid=EAlalQobChMI5ujkuc2Z-QIVhu6zCh2mzgxoEAQYBSABEgKNrFD_BwE) 2020 (Year: 2020).\*

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- 1. Gas sensor
- 2. Gas sensor
- 1.1 : Perspective
- 1.2 : Front
- 1.3 : Back
- 1.4 : Left
- 1.5 : Right
- 1.6 : Top
- 1.7 : Bottom
- 1.8 : Cross sectional
- 2.1 : Perspective
- 2.2 : Front
- 2.3 : Back
- 2.4 : Left
- 2.5 : Right
- 2.6 : Top
- 2.7 : Bottom
- 2.8 : Cross sectional

In the reproductions, the broken lines illustrate unclaimed portions of the articles and form no part of the claimed designs; the dash-dot broken lines illustrate only the boundary between the claimed designs and the other portions of the articles; the portion of the gas detectors indicated by the oblique shading lines in the reproductions Nos. 1.3 to 1.5 and 1.7 of design No. 1 and 2.3 to 2.5 and 2.7 of the design No. 2 represents a translucent surface; the solid black surface shading in the reproductions Nos. 1.1 to 1.7 of design No. 1 represents the color black; the reproductions Nos. 1.8 and 2.8 partially illustrate cross-sectional views of the front panel, which are taken along the vertical line extending through the middle of the gas detectors in the front

(Continued)



views; hatched areas in the cross-sectional views represent cross-sections of the subject articles.

**1 Claim, 16 Drawing Sheets**

**(58) Field of Classification Search**

CPC ..... G01N 21/3504

See application file for complete search history.

**(56) References Cited**

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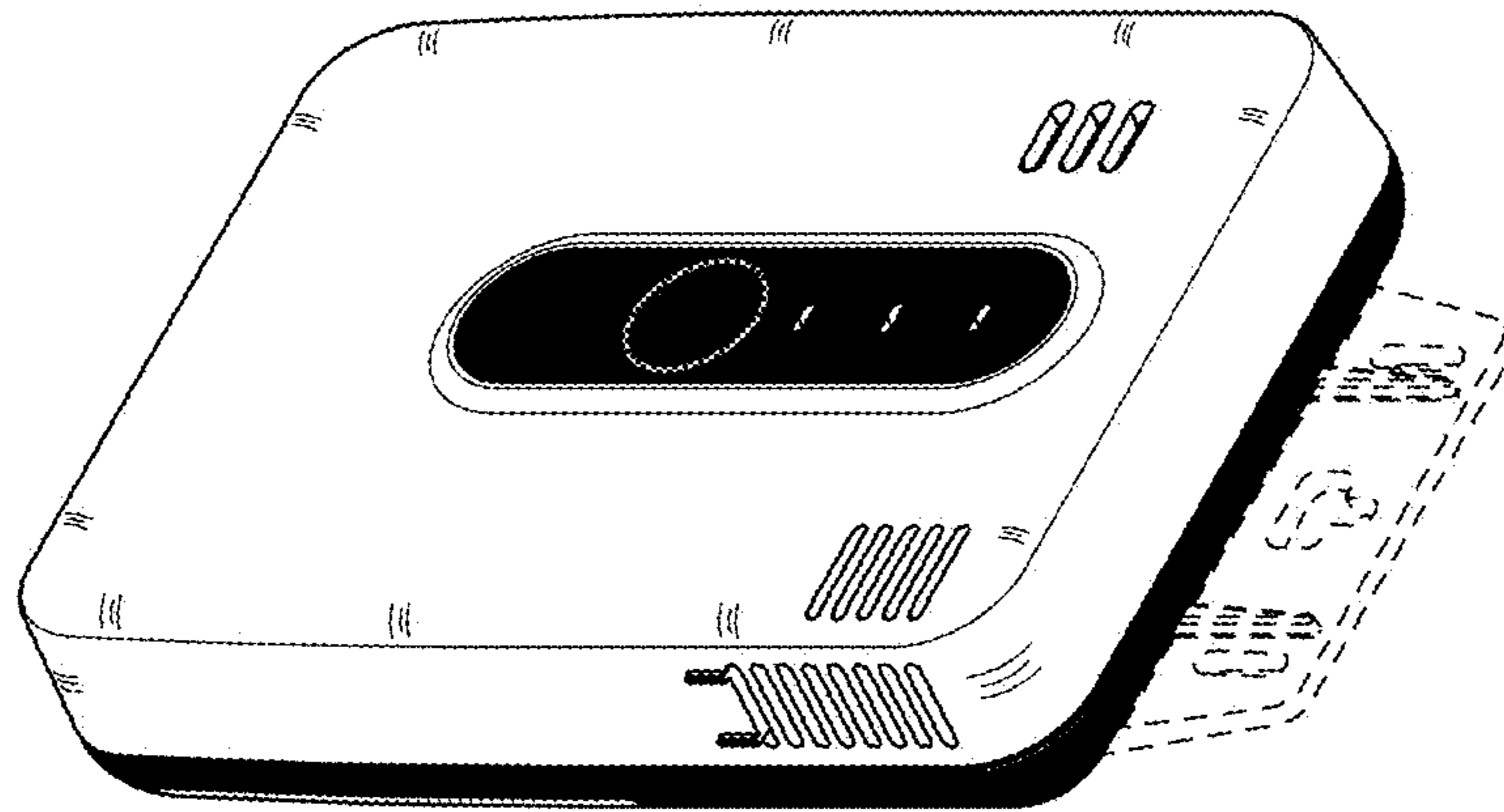
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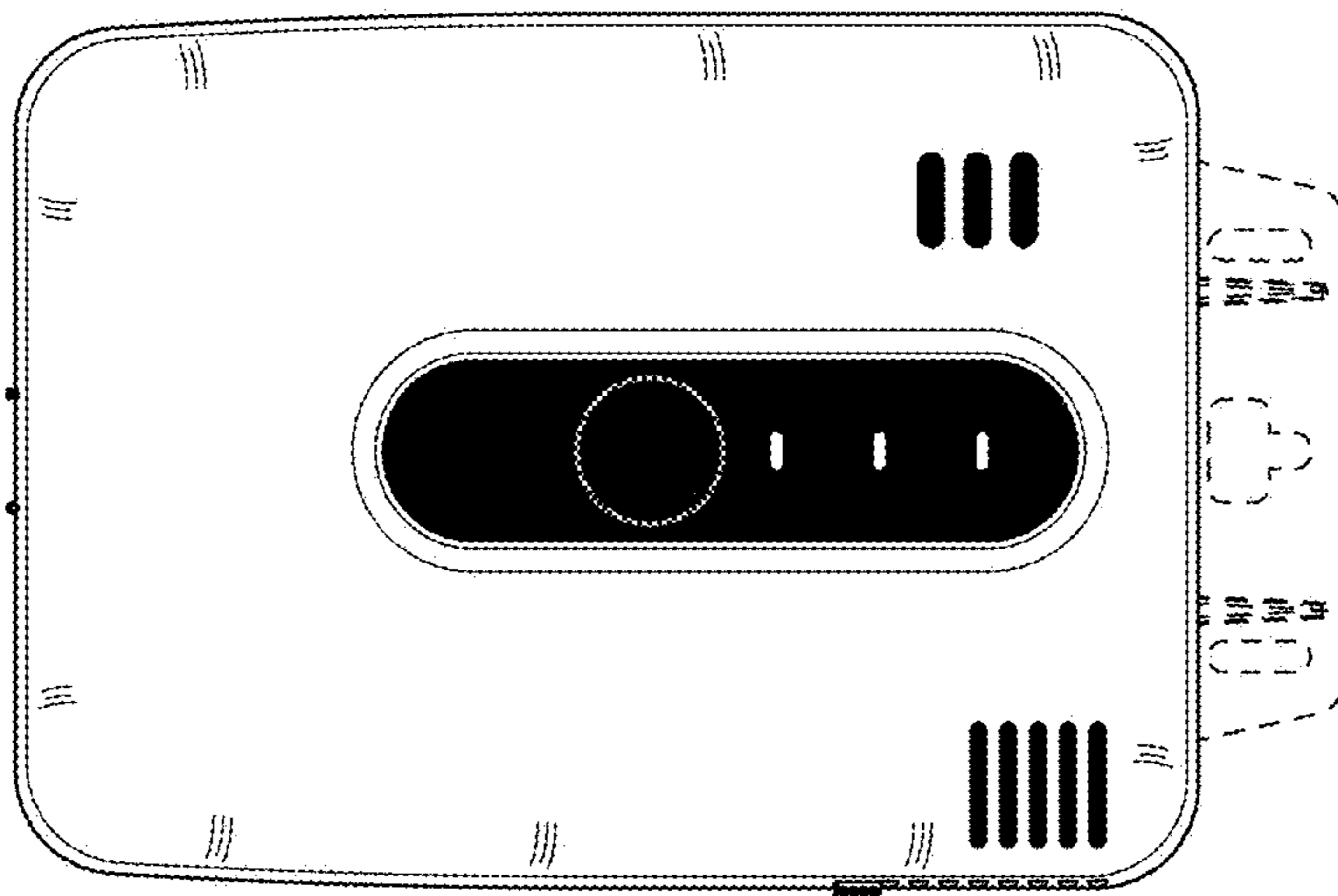
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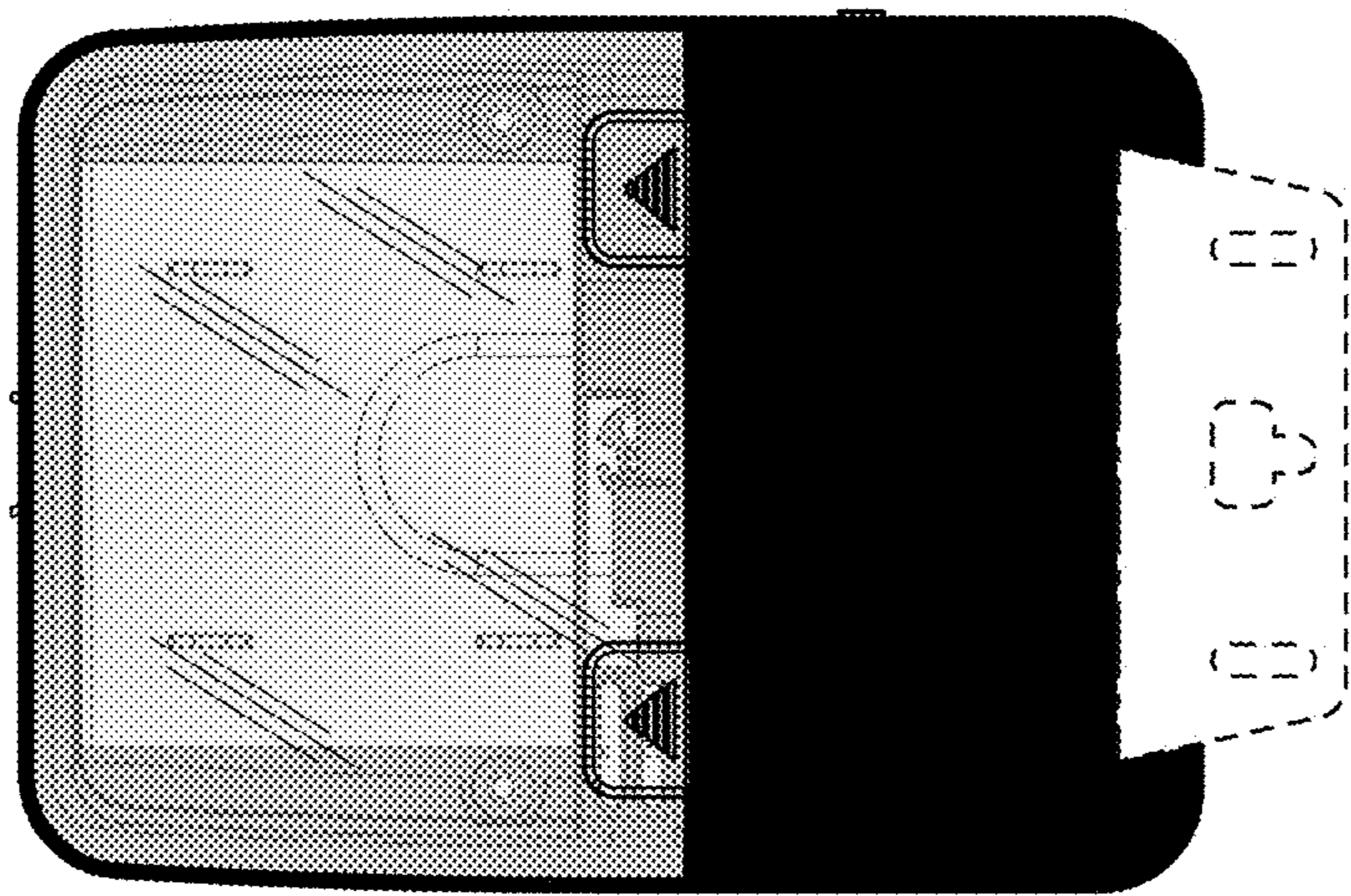
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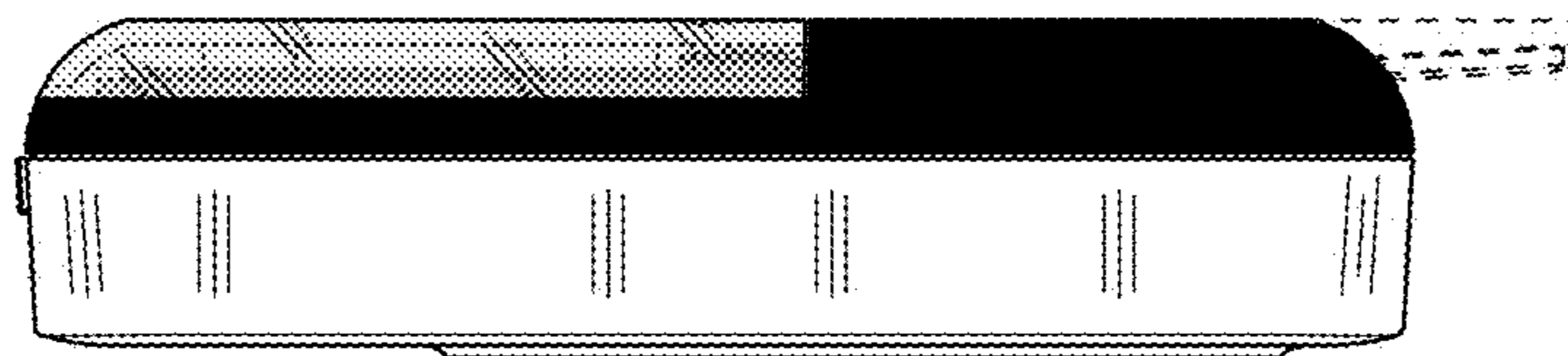


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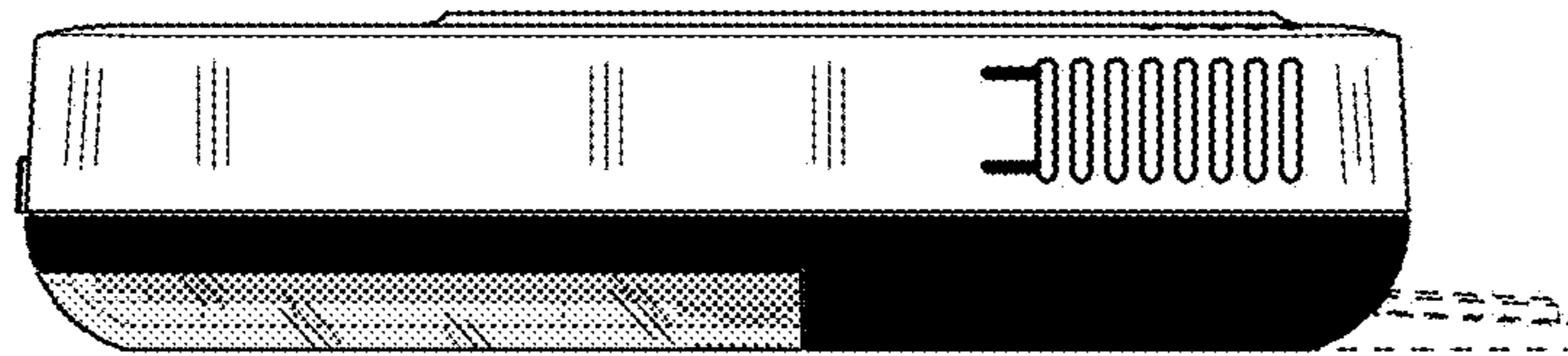


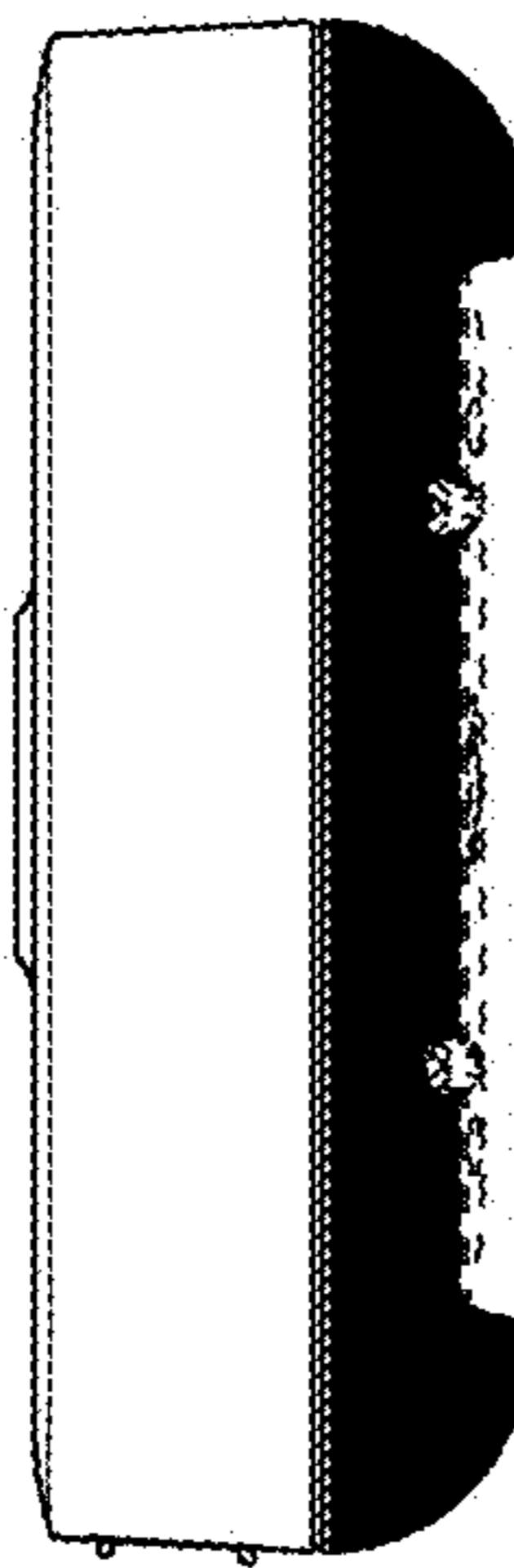
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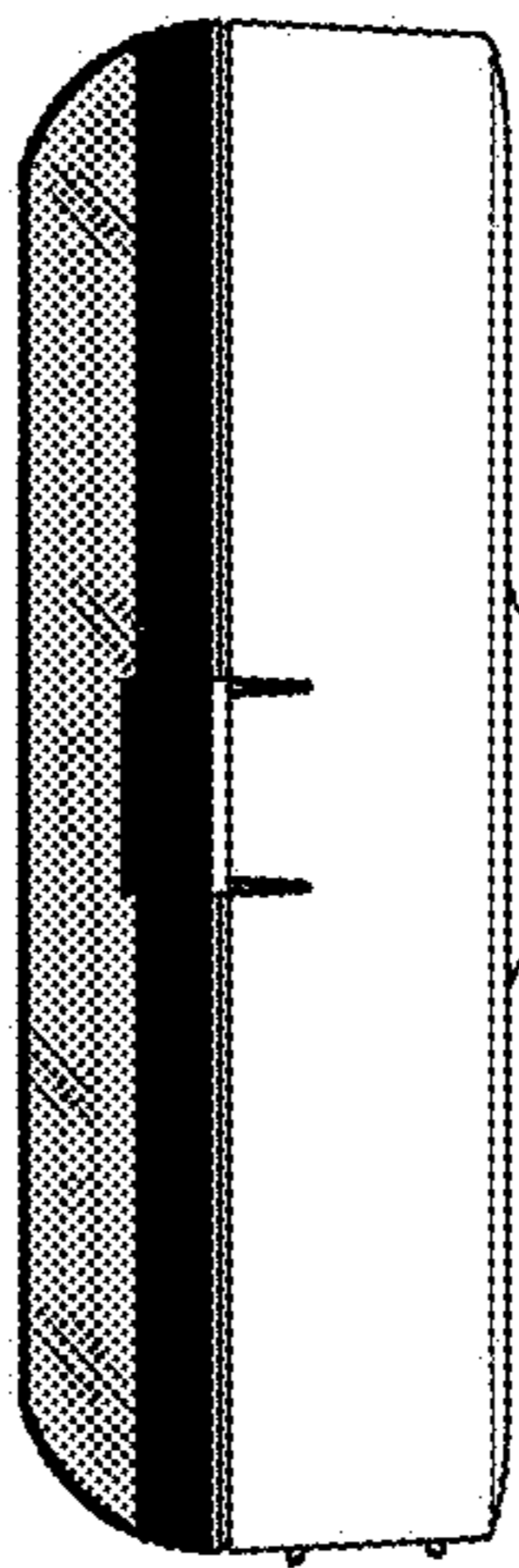




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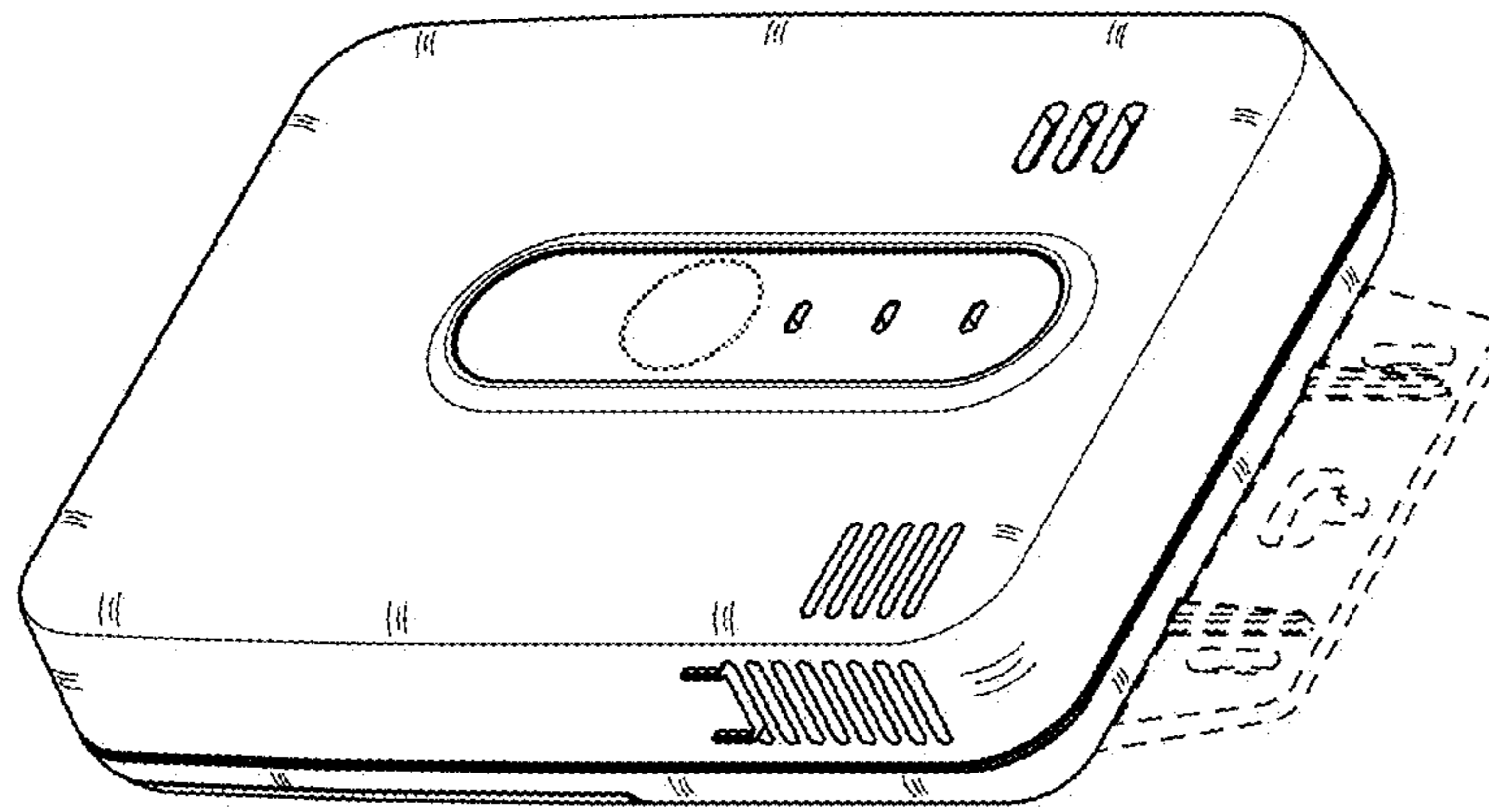
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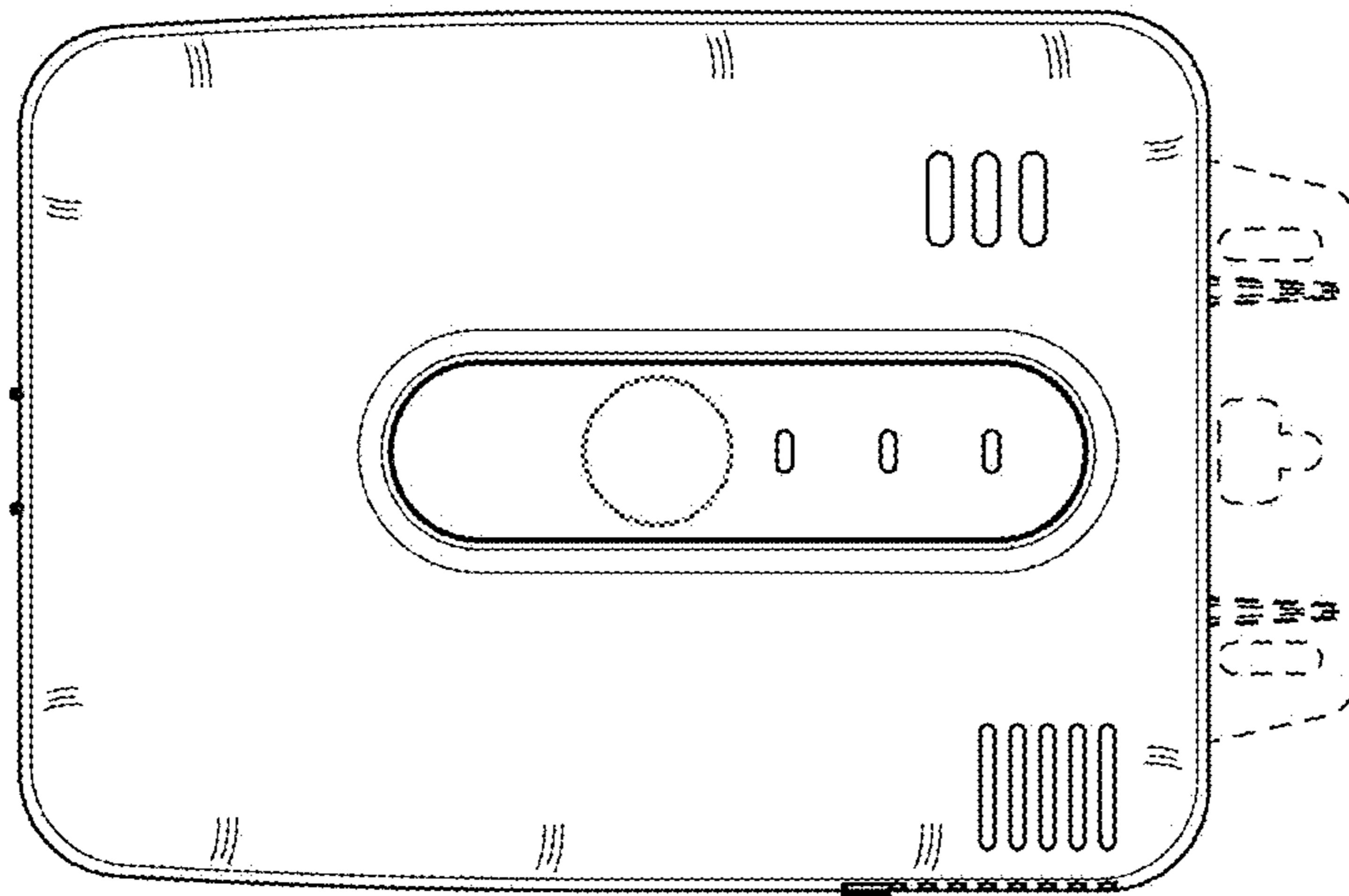


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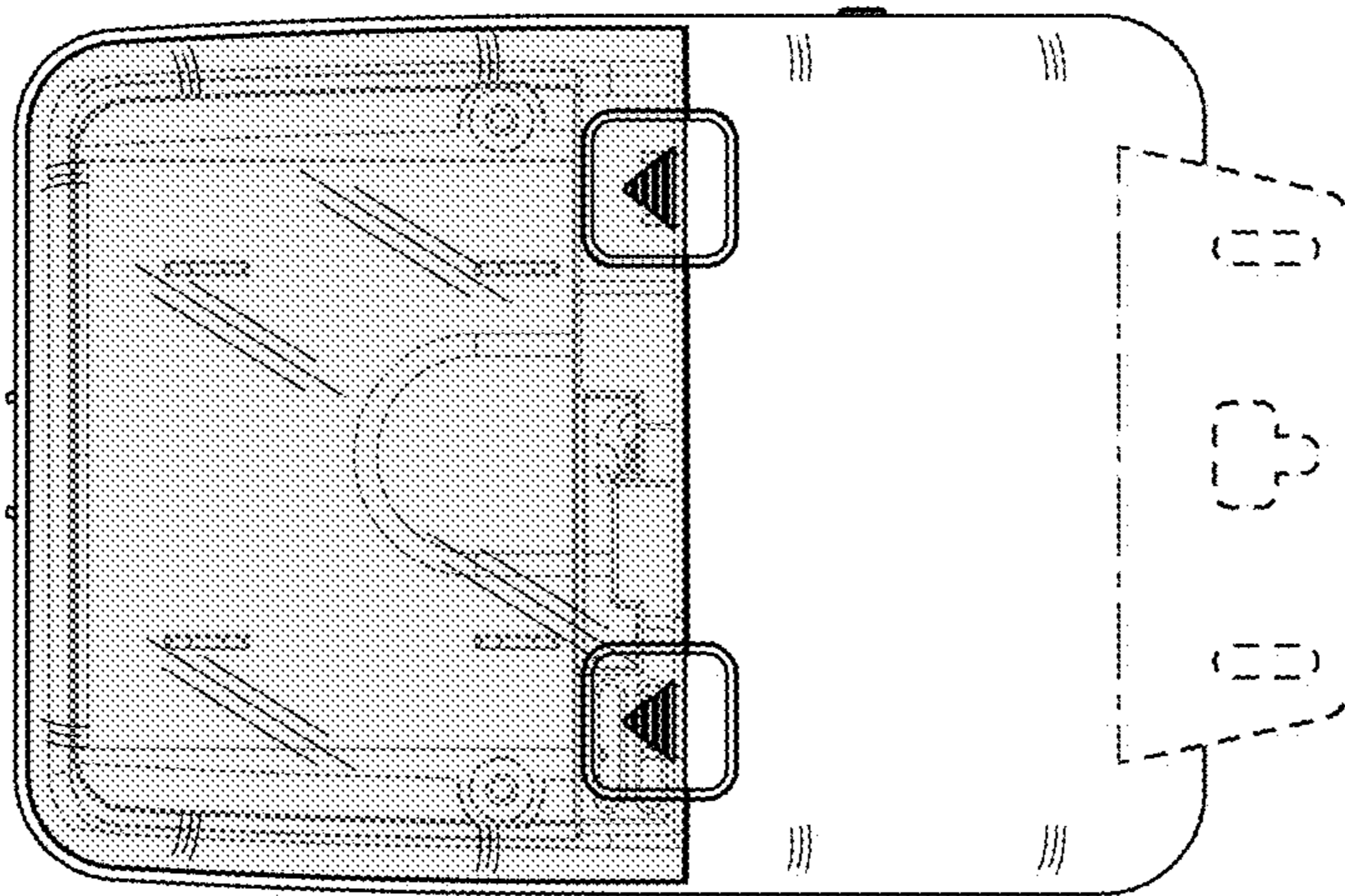


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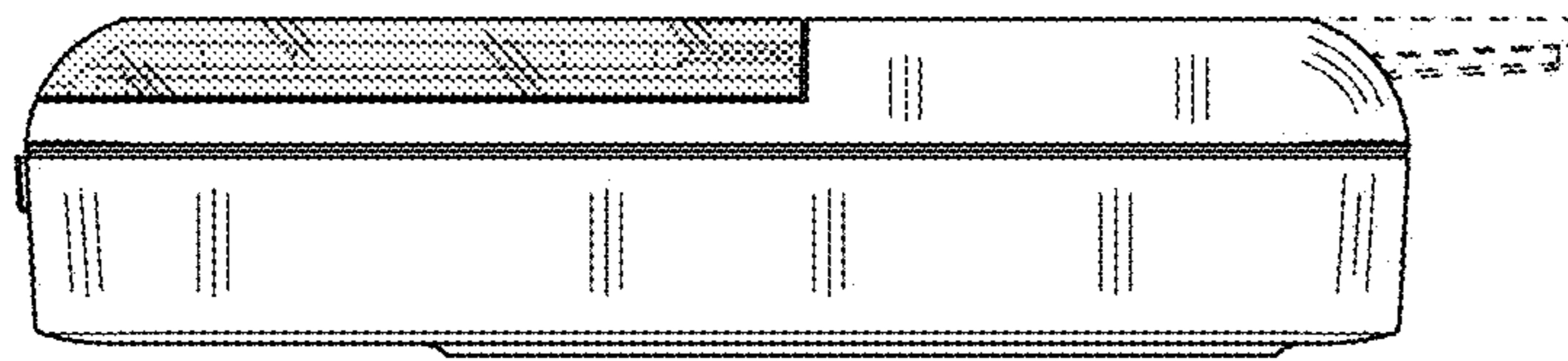


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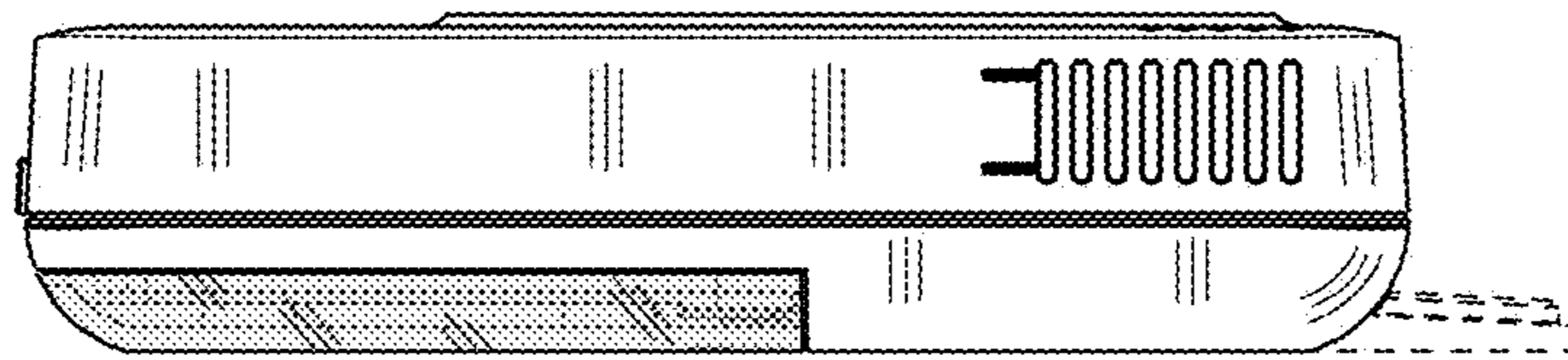


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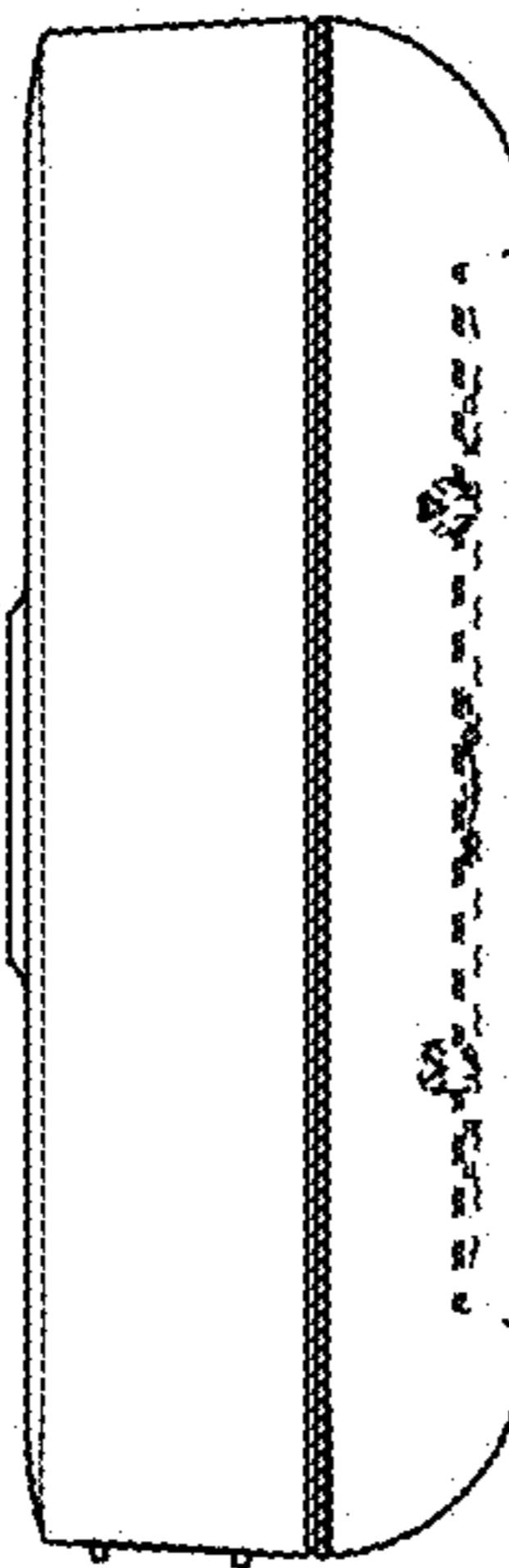
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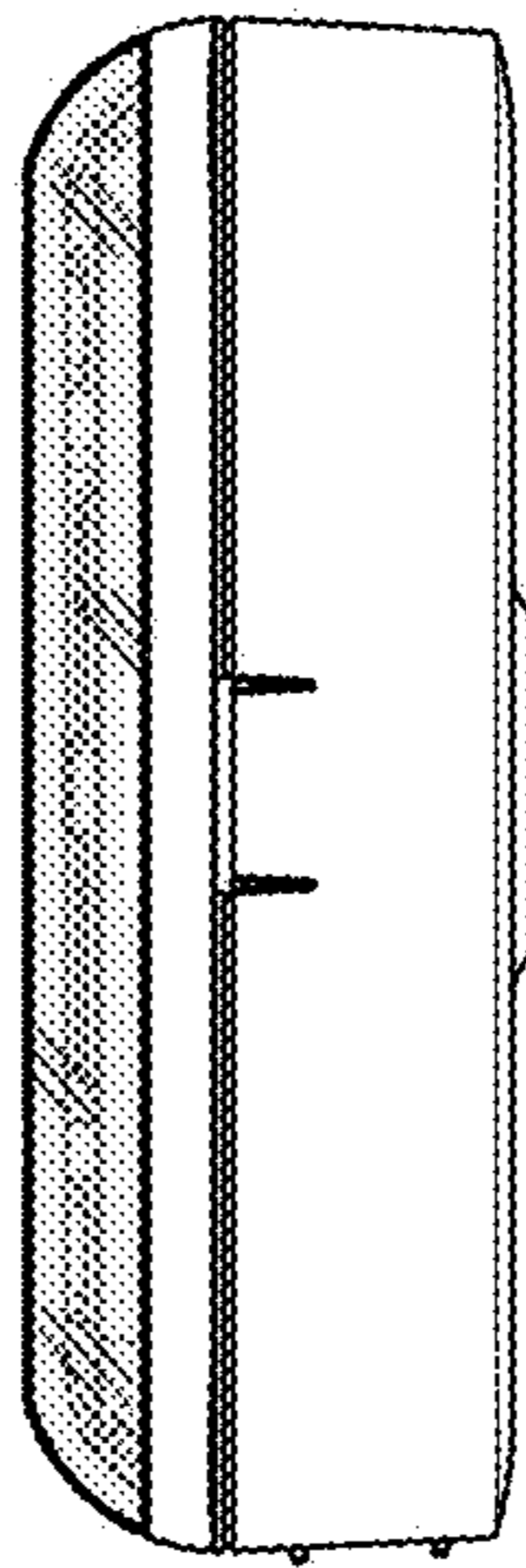


2.6





2.7



2.8

