



US00D987561S

(12) **United States Design Patent** (10) **Patent No.:** **US D987,561 S**
Son et al. (45) **Date of Patent:** **** May 30, 2023**

(54) **STERILIZATION CHARGING CASE FOR MASK TYPE AIR PURIFIERS**

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(73) Assignee: **LG ELECTRONICS INC.**, Seoul (KR)

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (14) Cl.** **13-02**

(52) **U.S. Cl.**
USPC **D13/107**

(58) **Field of Classification Search**
USPC D13/103, 107, 108, 109, 110, 112, 118,
D13/119, 120, 121, 184, 199

(Continued)

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(Continued)

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(57) **CLAIM**

The ornamental design for a sterilization charging case for mask type air purifiers, as shown and described.

DESCRIPTION

1. Sterilization charging case for mask type air purifiers

1.1 : Perspective

1.2 : Rear perspective view

1.3 : Front

1.4 : Back

1.5 : Left

1.6 : Right

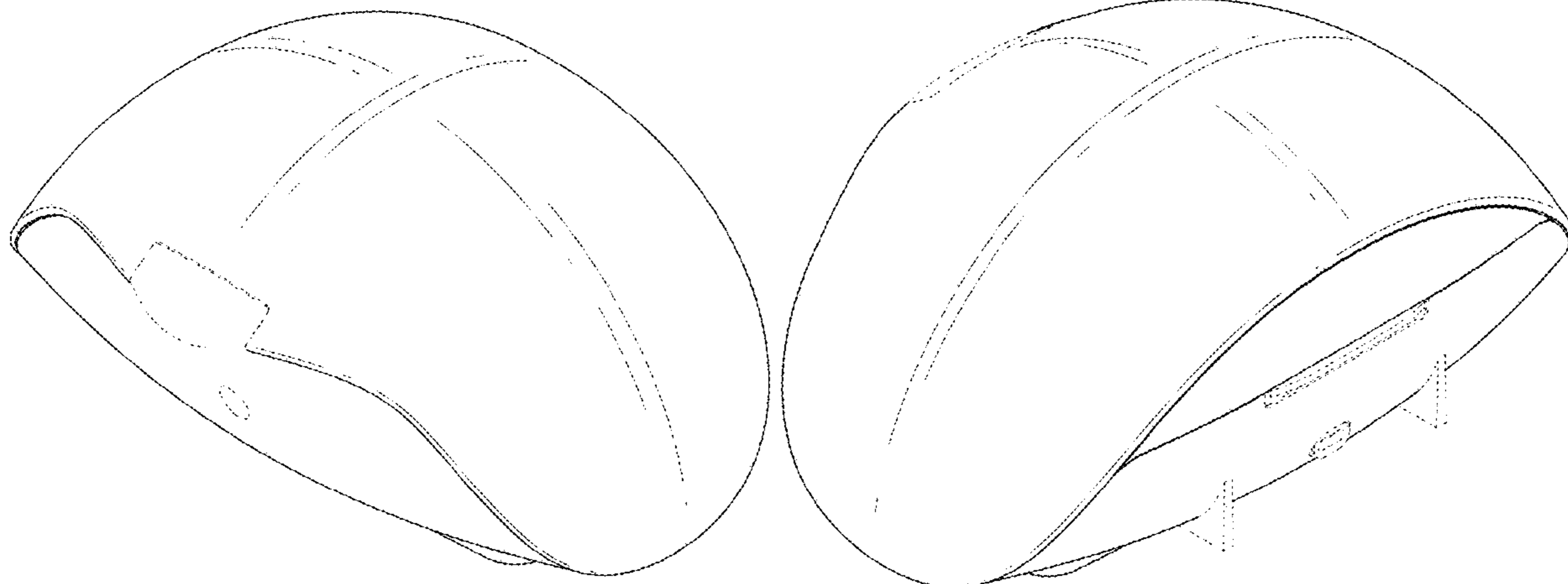
1.7 : Top

1.8 : Bottom

1.9 : Reference

The broken lines indicate portions of the article that form no part of the claimed design; reproduction 1.9 is a reference view showing an open state of the upper door; the broken lines showing the inner shapes of the sterilization charging case in the reproduction 1.9 form no part of the claimed design.

1 Claim, 9 Drawing Sheets



(58) **Field of Classification Search**
 CPC H01M 10/44; H01M 10/46; H01M 10/465;
 H01M 10/482; H01M 2200/30; H01M
 2250/30; H01M 2250/40; H04B 1/08;
 H04B 1/086; H01H 3/02; H01H 3/12;
 H01H 9/0214; H01H 9/0264; H01H
 23/00; H01H 23/02; H01H 23/04; H01H
 23/08; H02B 1/26; H02B 1/30; H05K
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See application file for complete search history.

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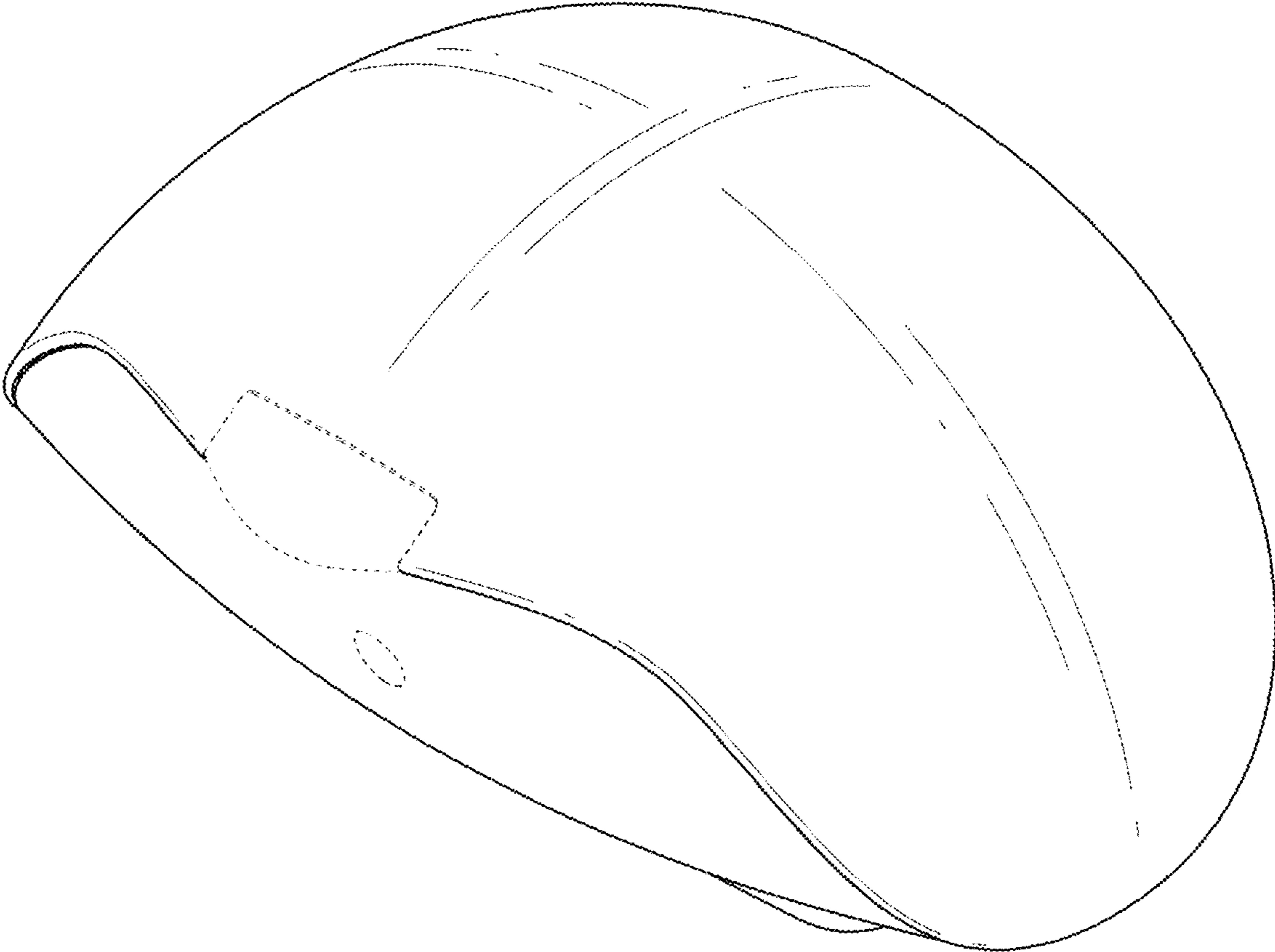
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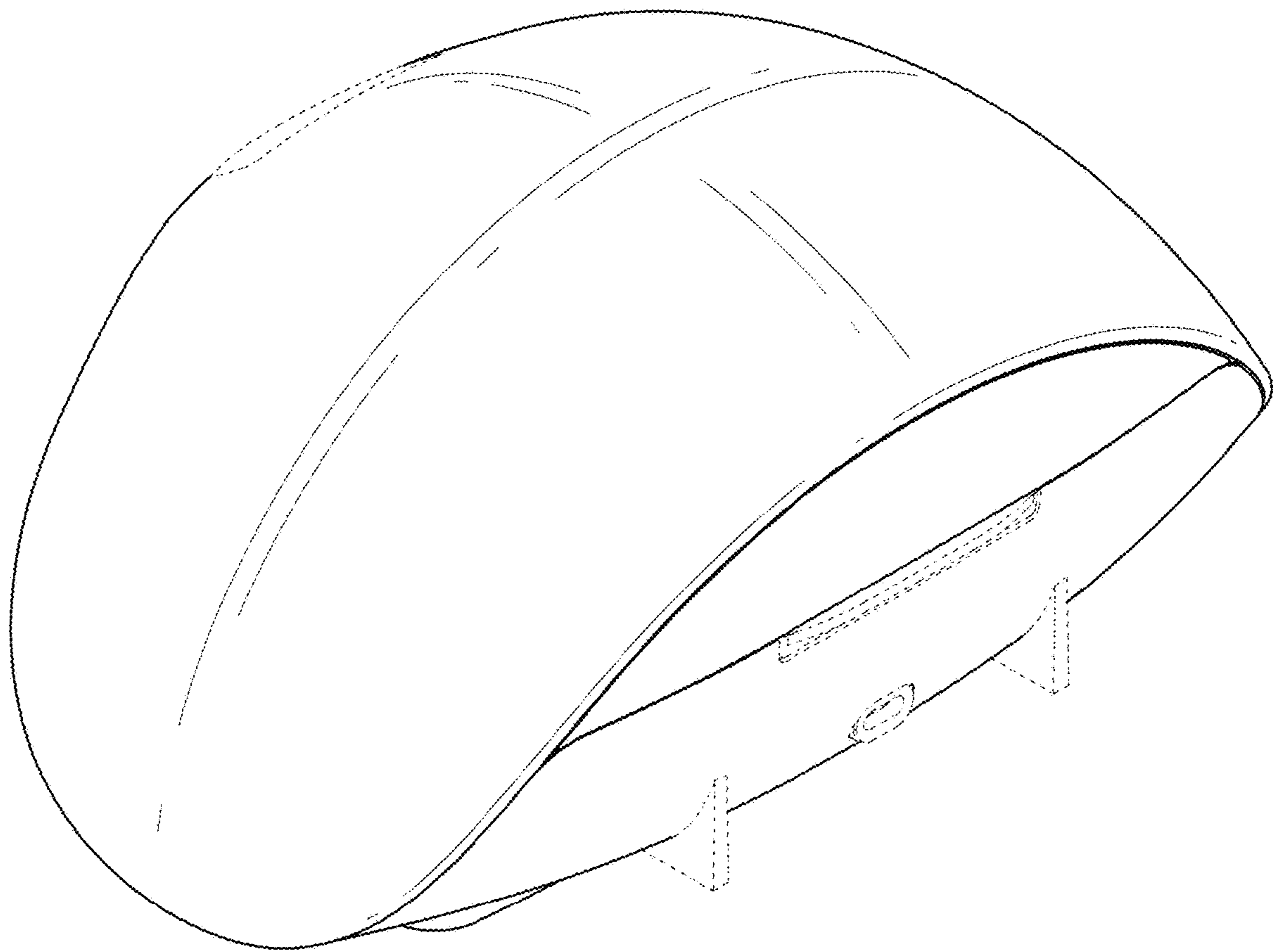
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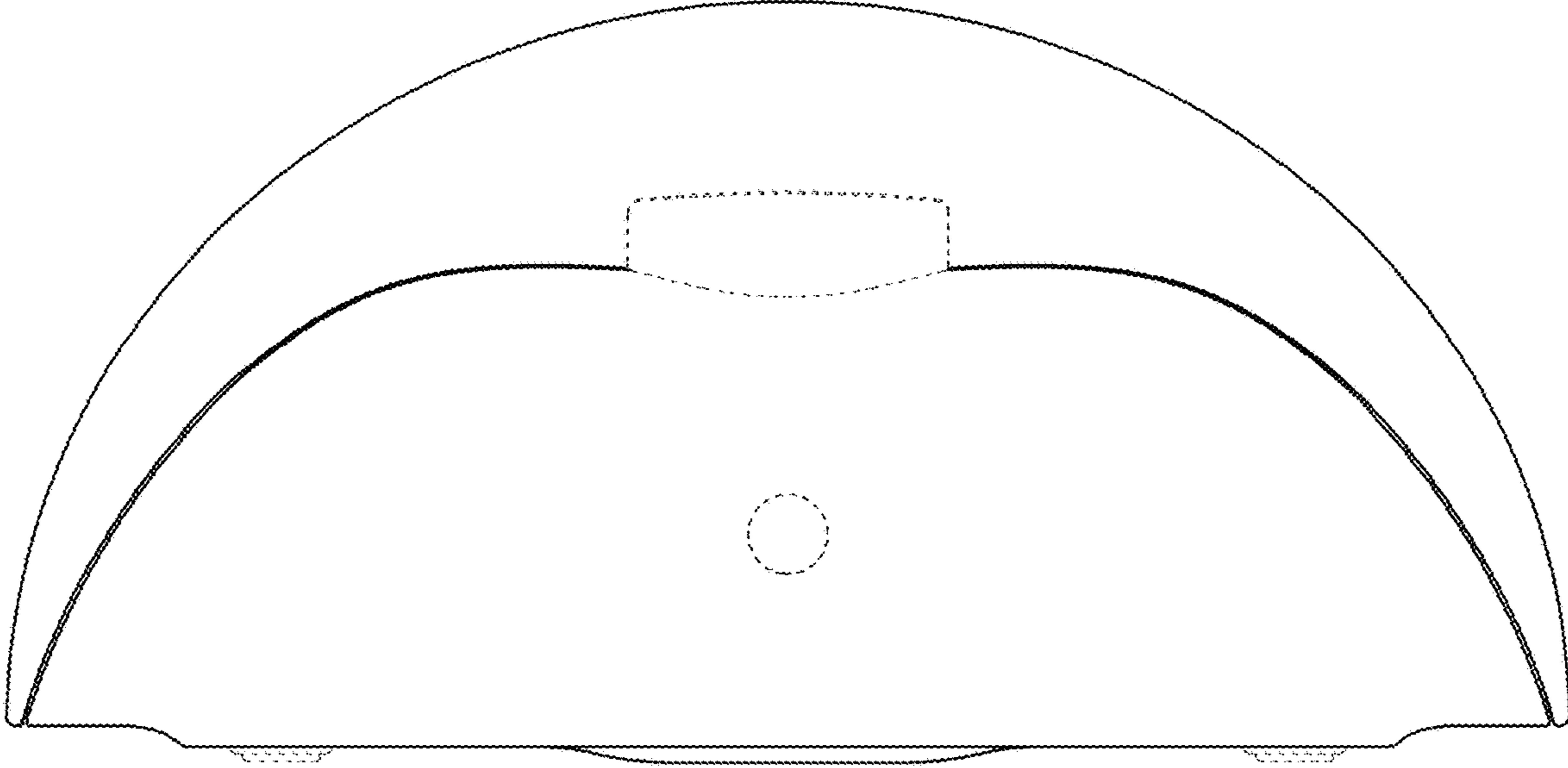
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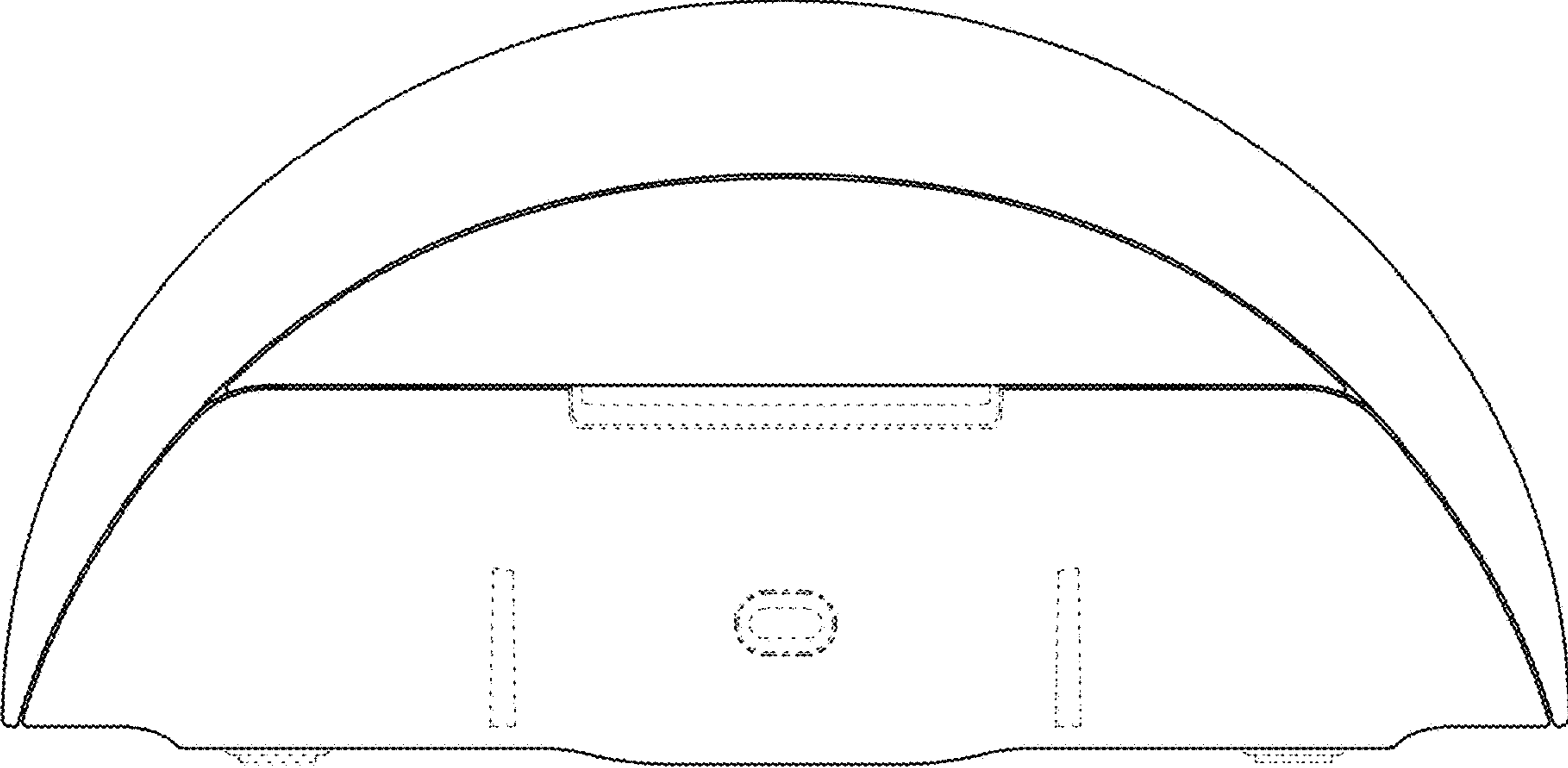
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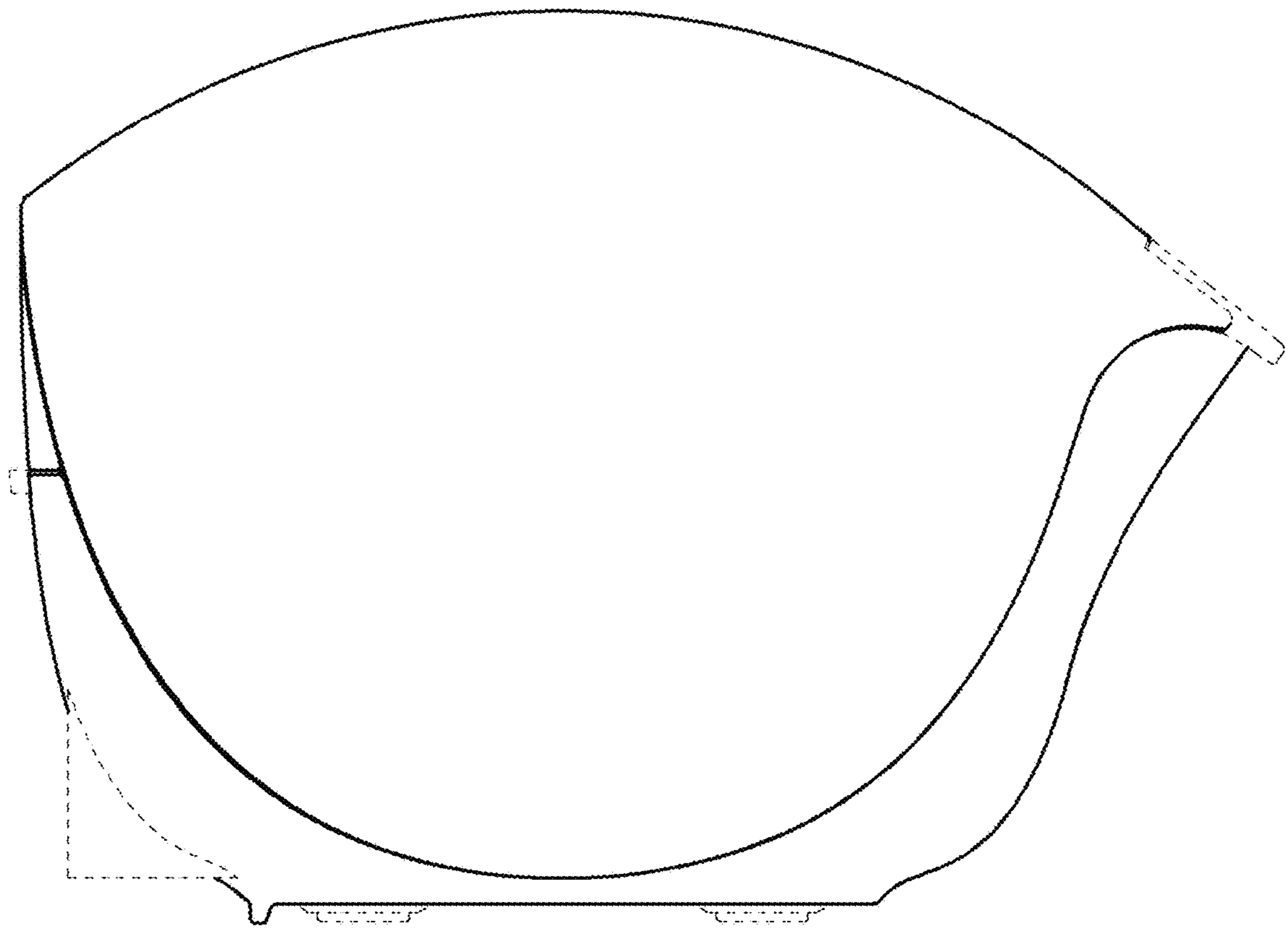
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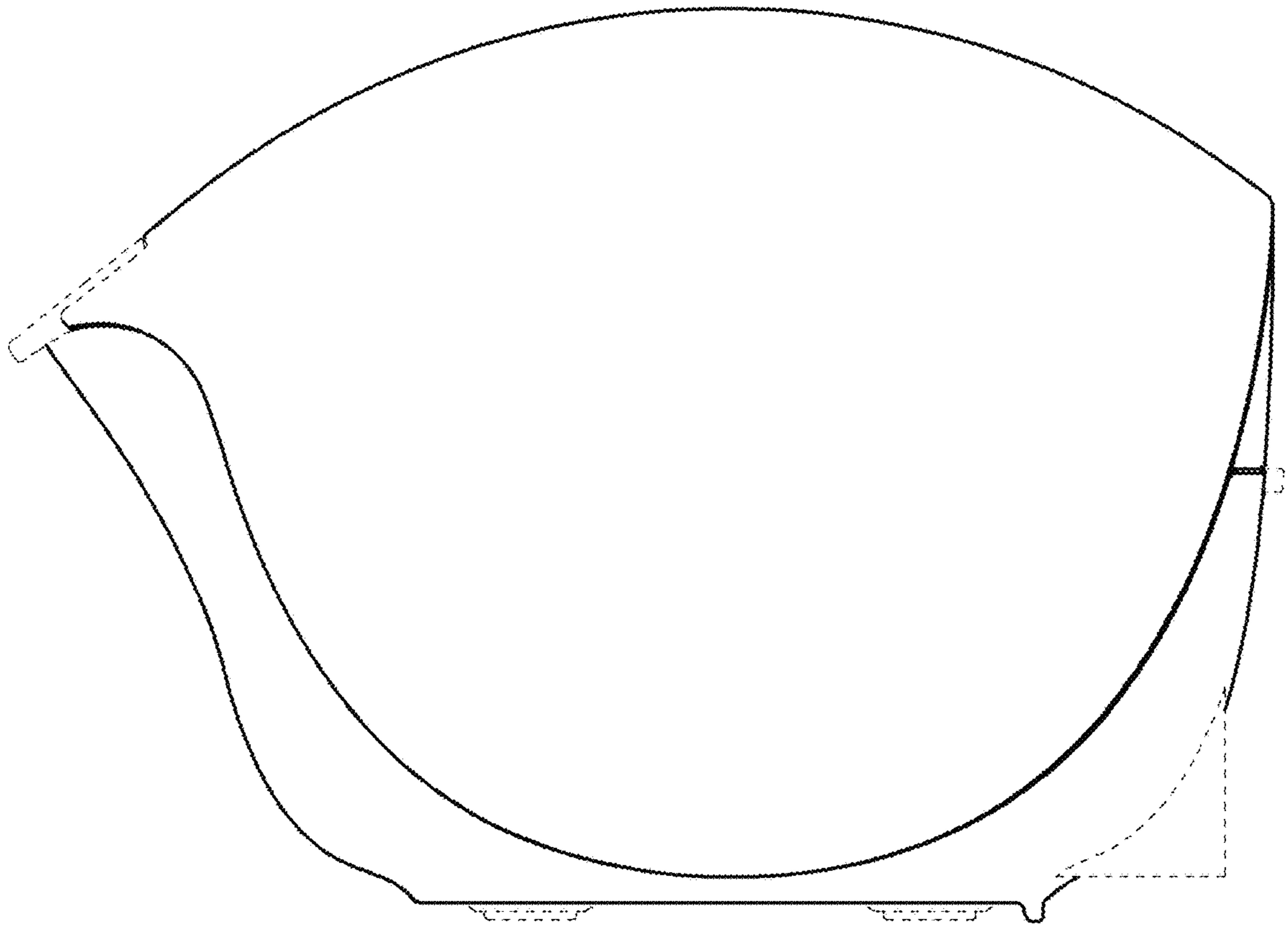
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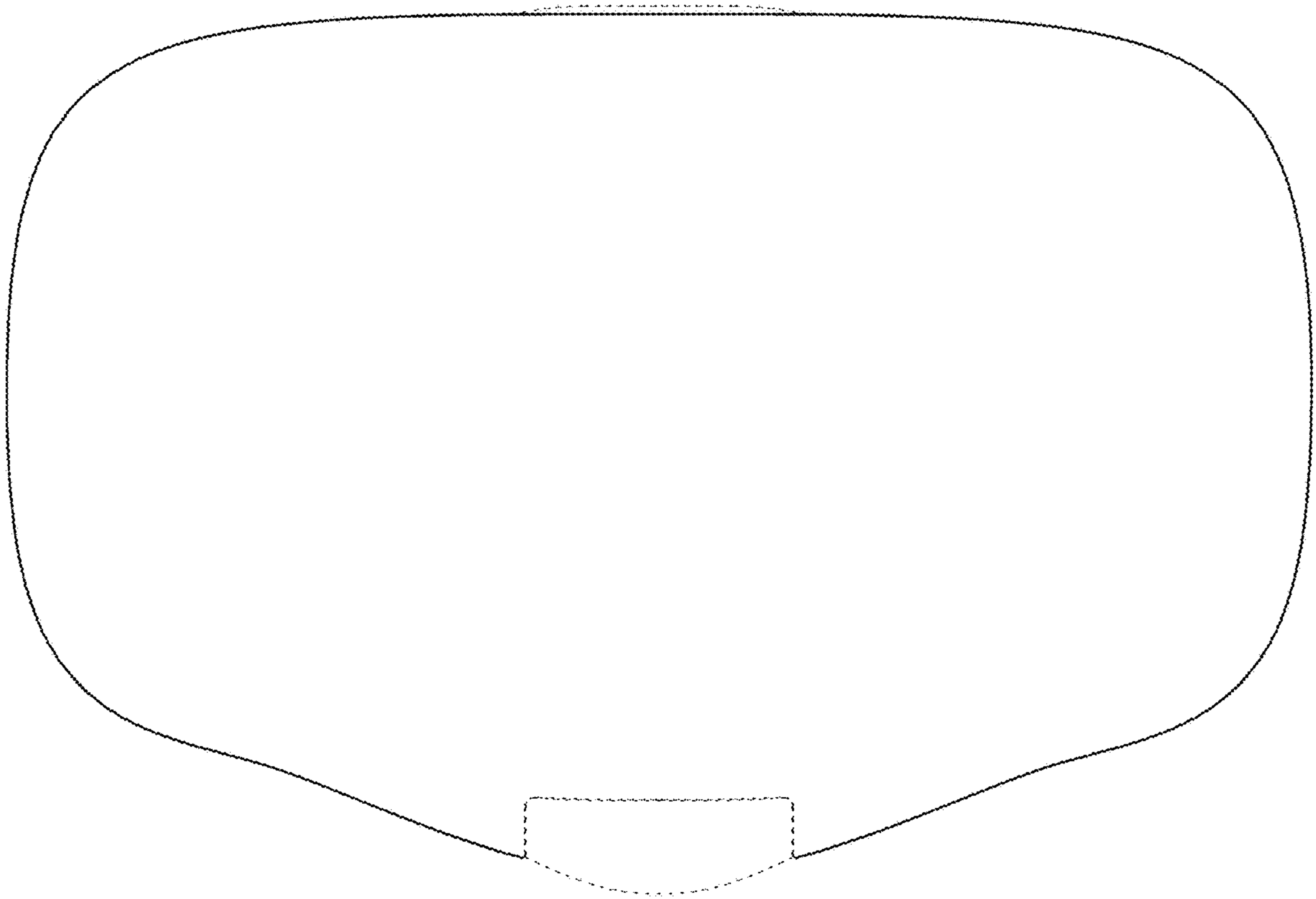
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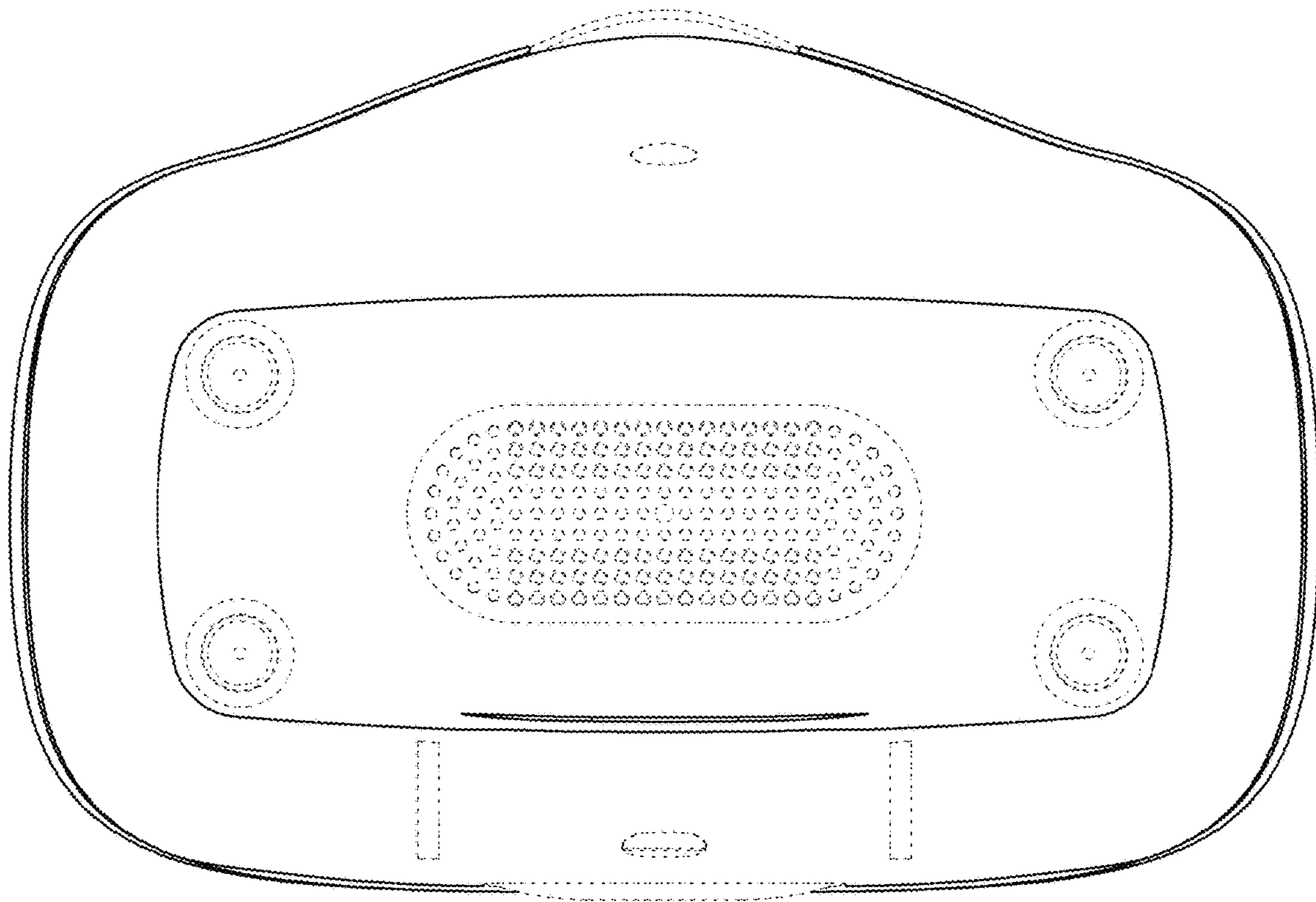
1.6



1.7



1.8



1.9

