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

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(45) **Date of Patent:** **\*\* Jan. 16, 2018**

(54) **ROBOT VACUUM CLEANER**

(71) Applicant: **LG ELECTRONICS INC.**, Seoul (KR)

(72) Inventors: **Joonggil Yoo**, Seoul (KR); **Eugene Suh**, Seoul (KR)

(73) Assignee: **LG Electronics Inc.**, Seoul (KR)

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

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(51) **LOC (11) Cl.** ..... **15-05**

(52) **U.S. Cl.**  
USPC ..... **D32/23**

(58) **Field of Classification Search**

USPC ..... D23/21, 22, 23, 25, 32, 33, 34; D32/21,  
D32/22, 23, 25, 32, 33, 34

CPC . A47L 9/16; A47L 9/20; A47L 9/1683; A47L  
9/1666; A47L 9/1608; A47L 9/2857;  
A47L 9/2842; A47L 9/2836; A47L  
9/2847; A47L 9/2852; A47L 5/28; A47L  
7/0038; G06N 3/008; E04H 4/1654

See application file for complete search history.

(56) **References Cited**

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(57) **CLAIM**

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

**DESCRIPTION**

1. Robot vacuum cleaner

**1.1** is a perspective view of a robot vacuum cleaner showing our new design having its handle inserted;

**1.2** is a front elevation view thereof;

**1.3** is a rear elevation view thereof;

**1.4** is a left-side elevation view thereof;

**1.5** is a right-side elevation view thereof;

**1.6** is a top plan view thereof;

**1.7** is a bottom plan view thereof;

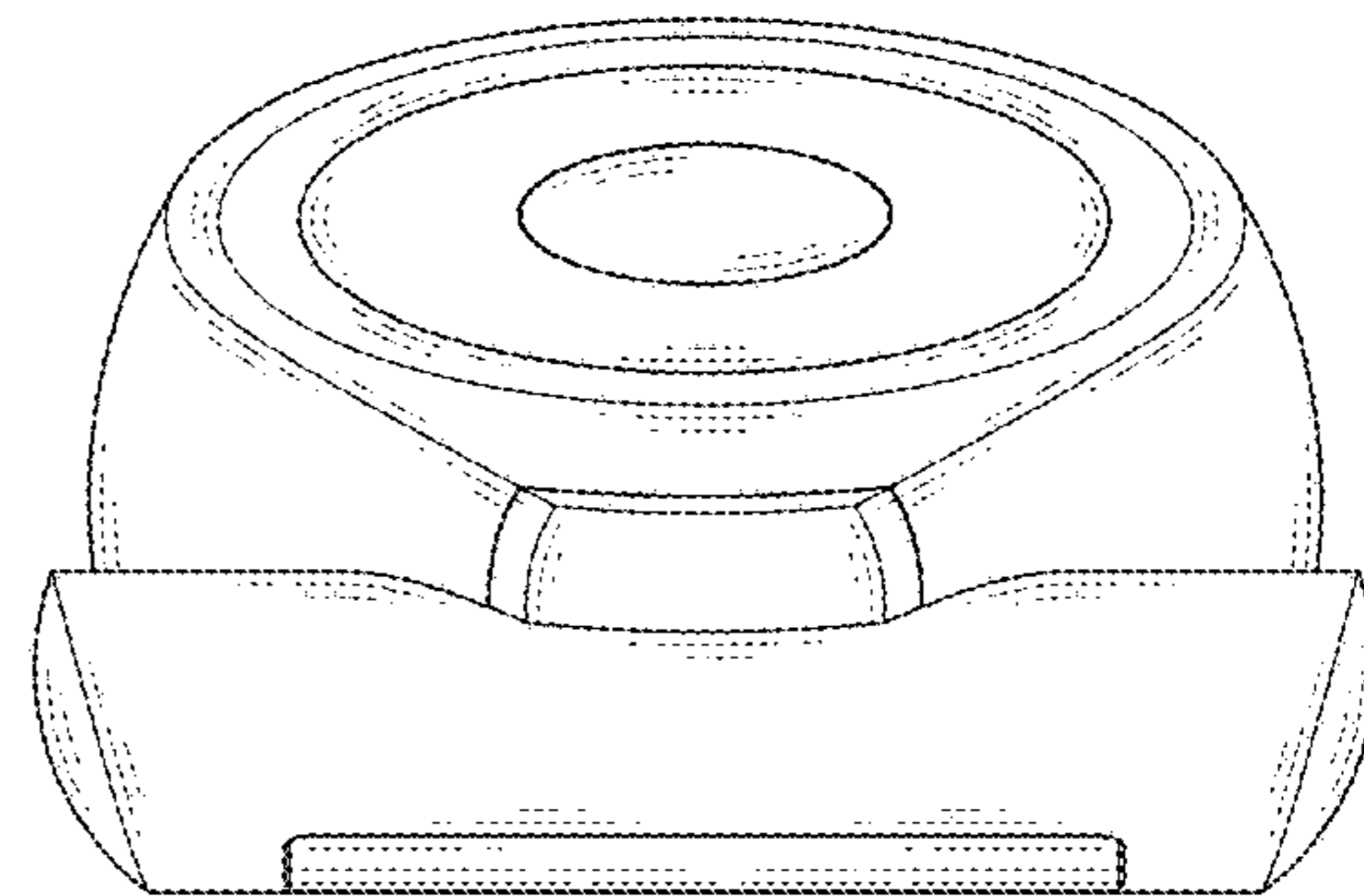
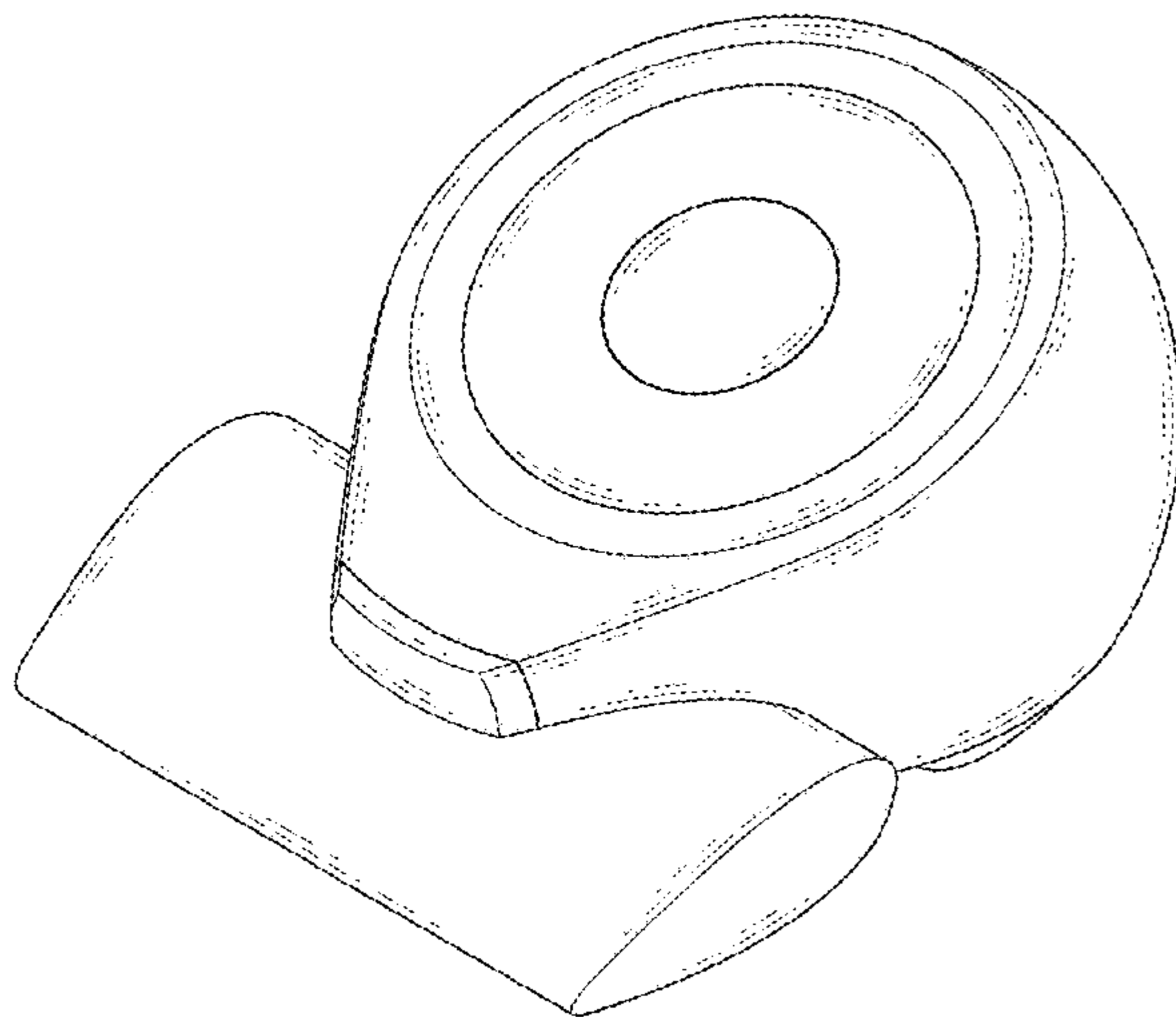
**1.8** is a perspective view thereof having its handle protruded;

**1.9** is a front elevation view thereof;

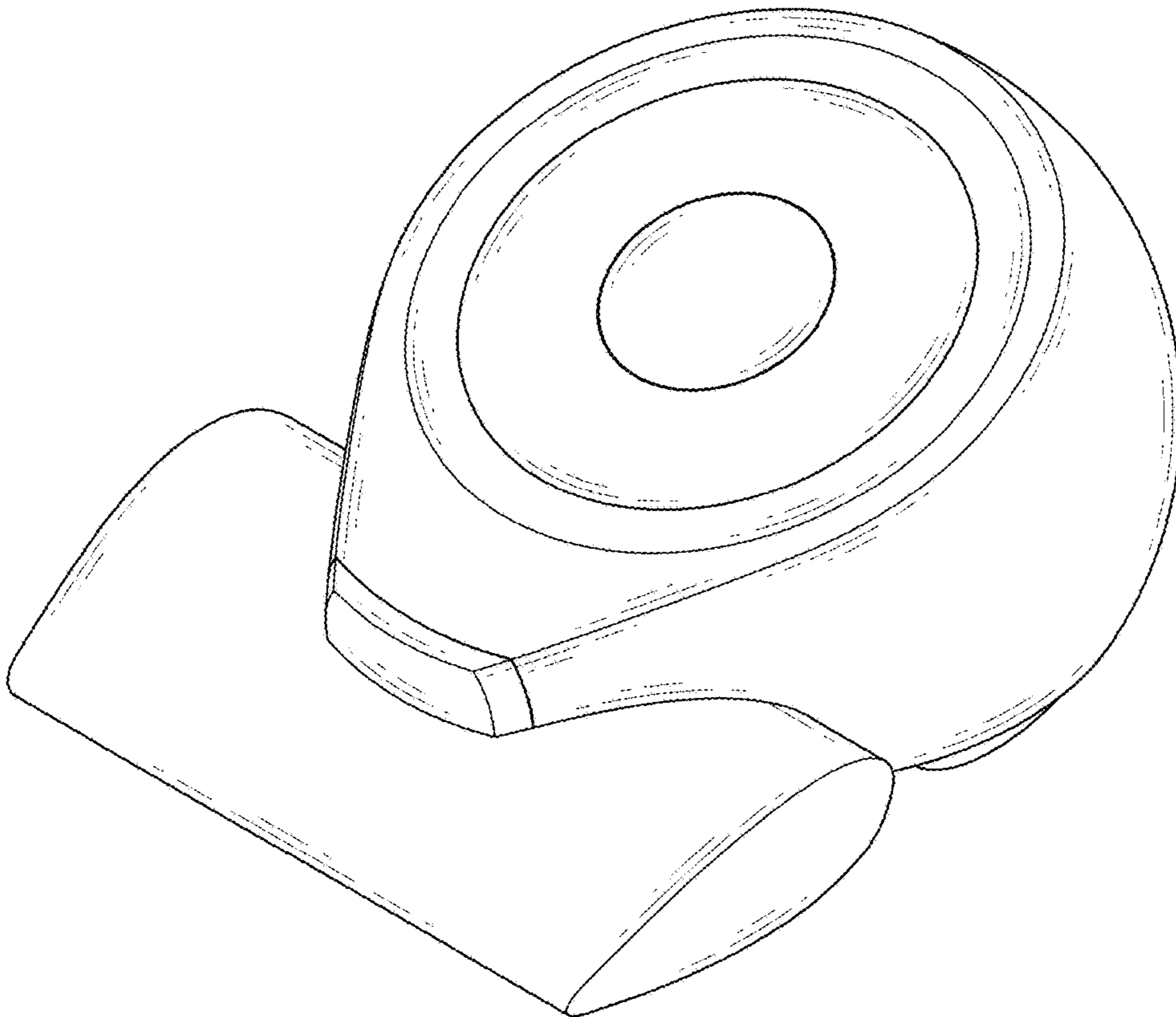
**1.10** is a left-side elevation view thereof; and

**1.11** is a top plan view thereof.

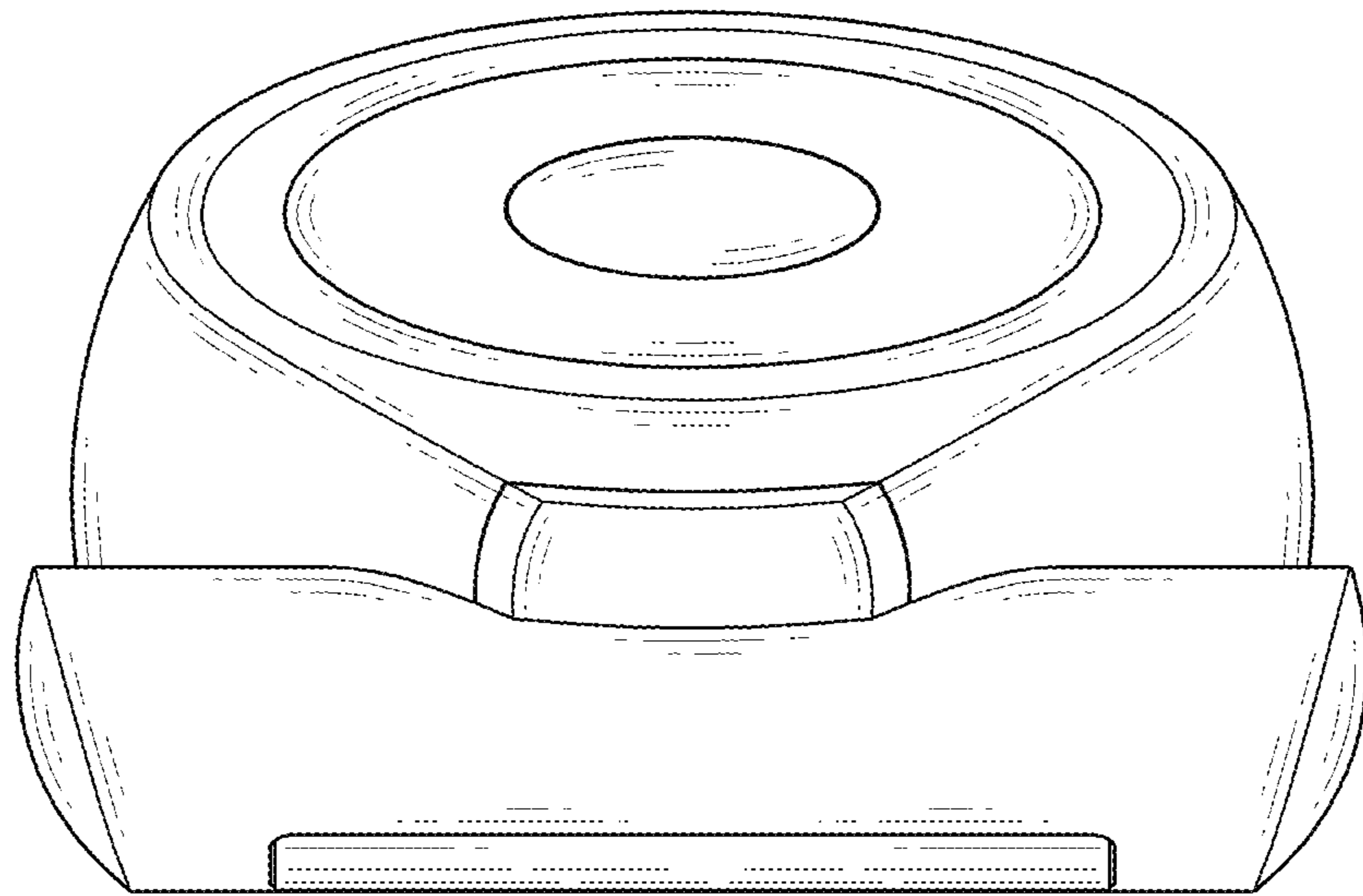
**1 Claim, 11 Drawing Sheets**



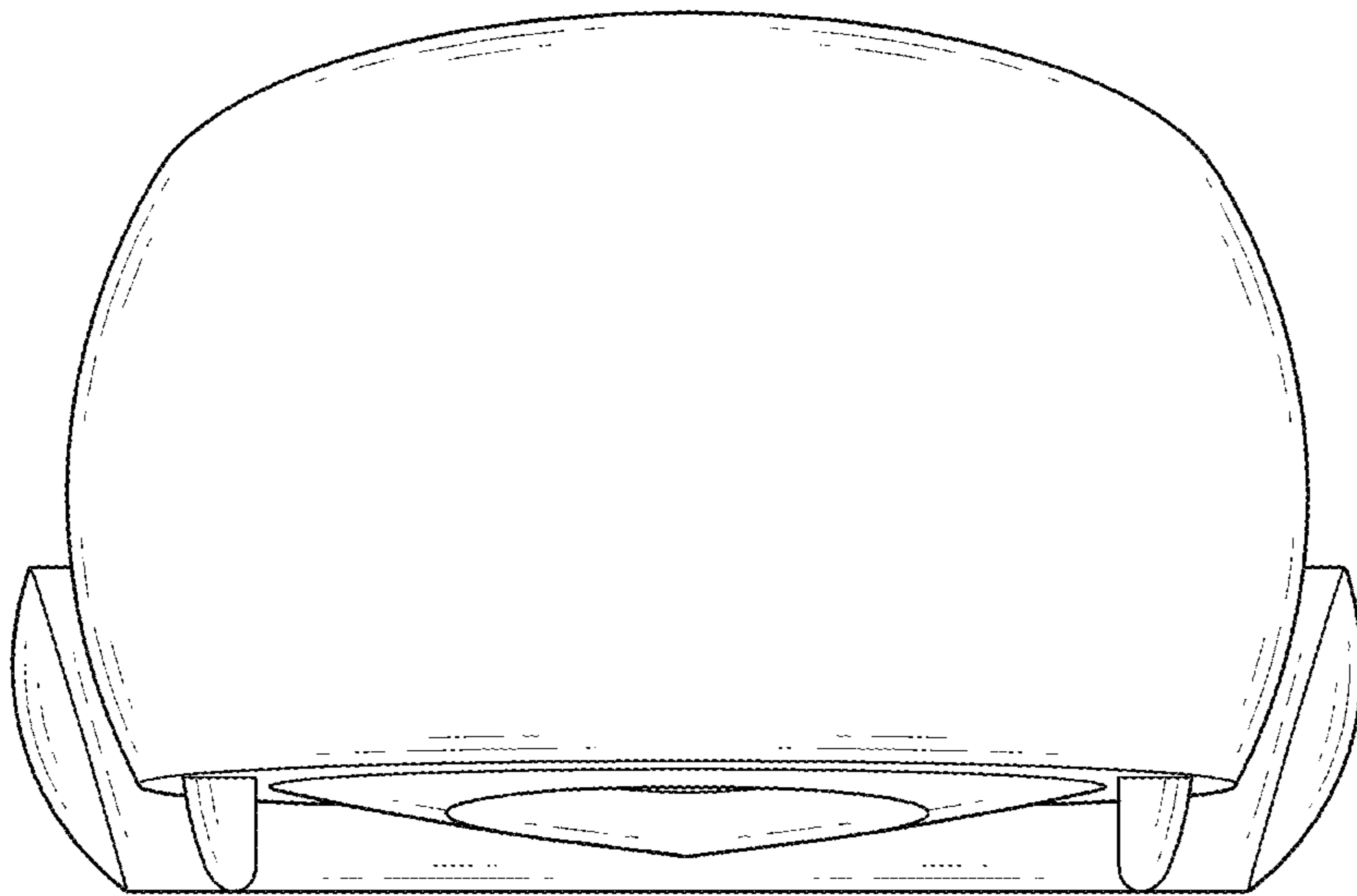
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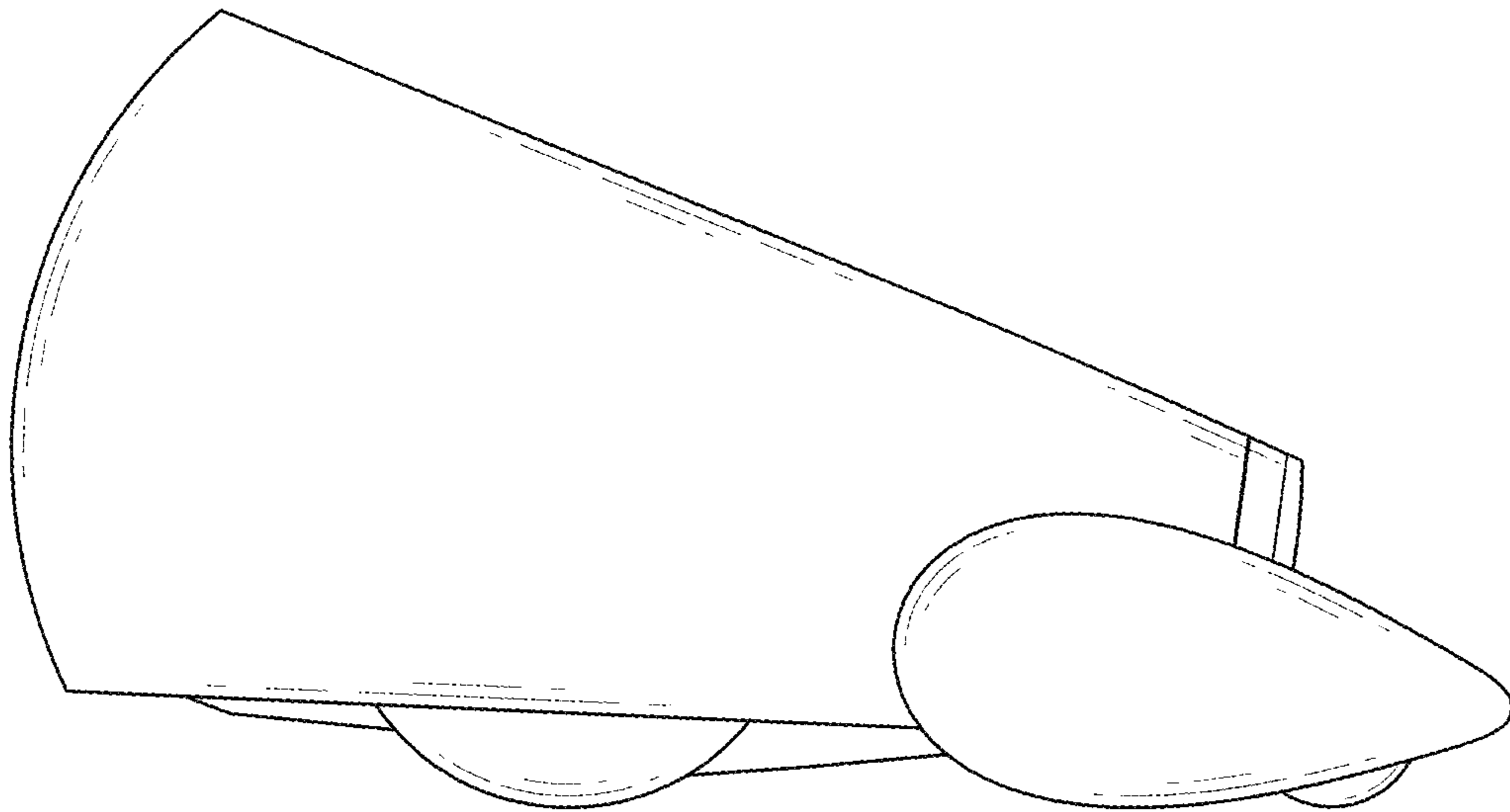
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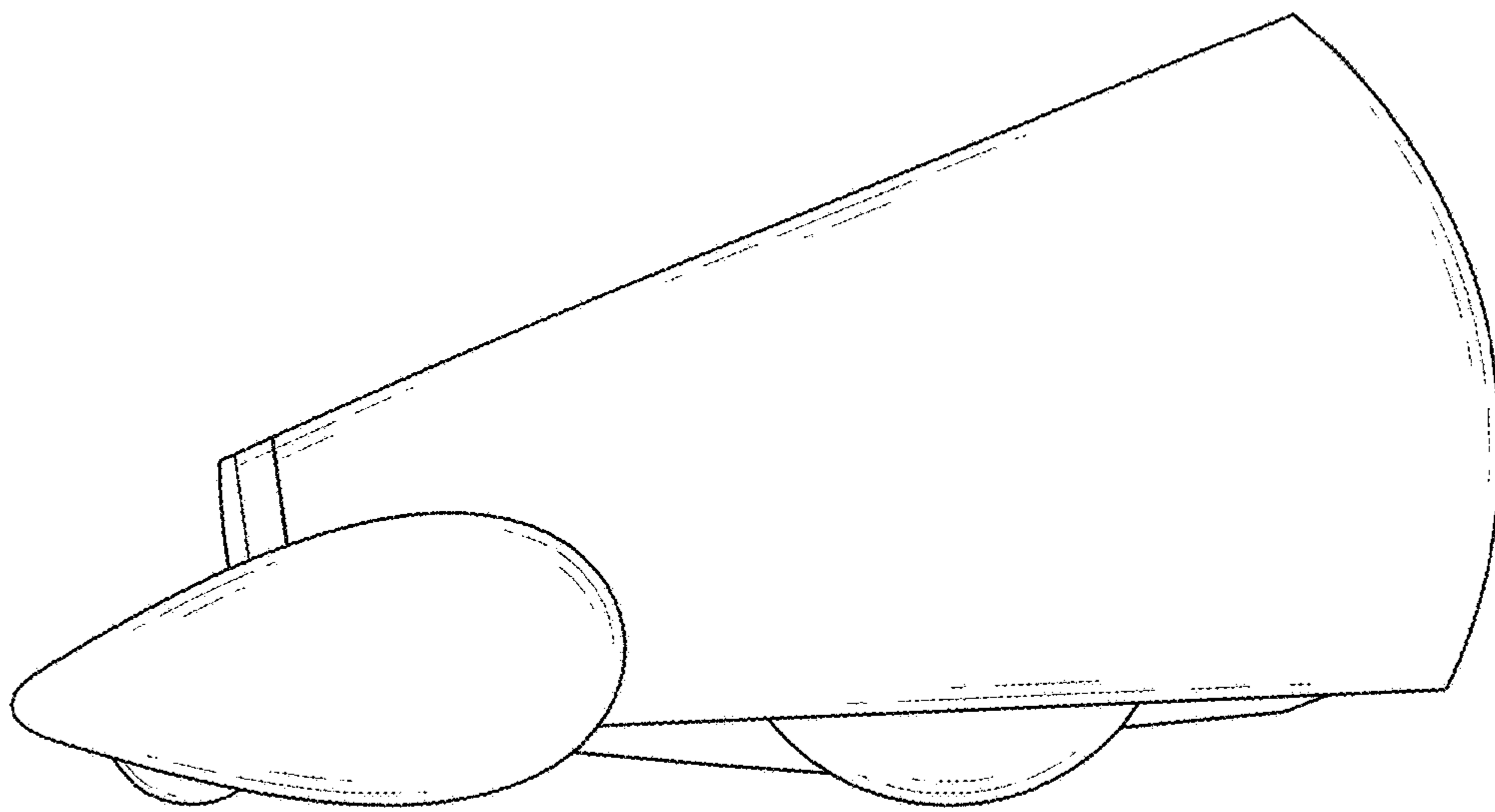
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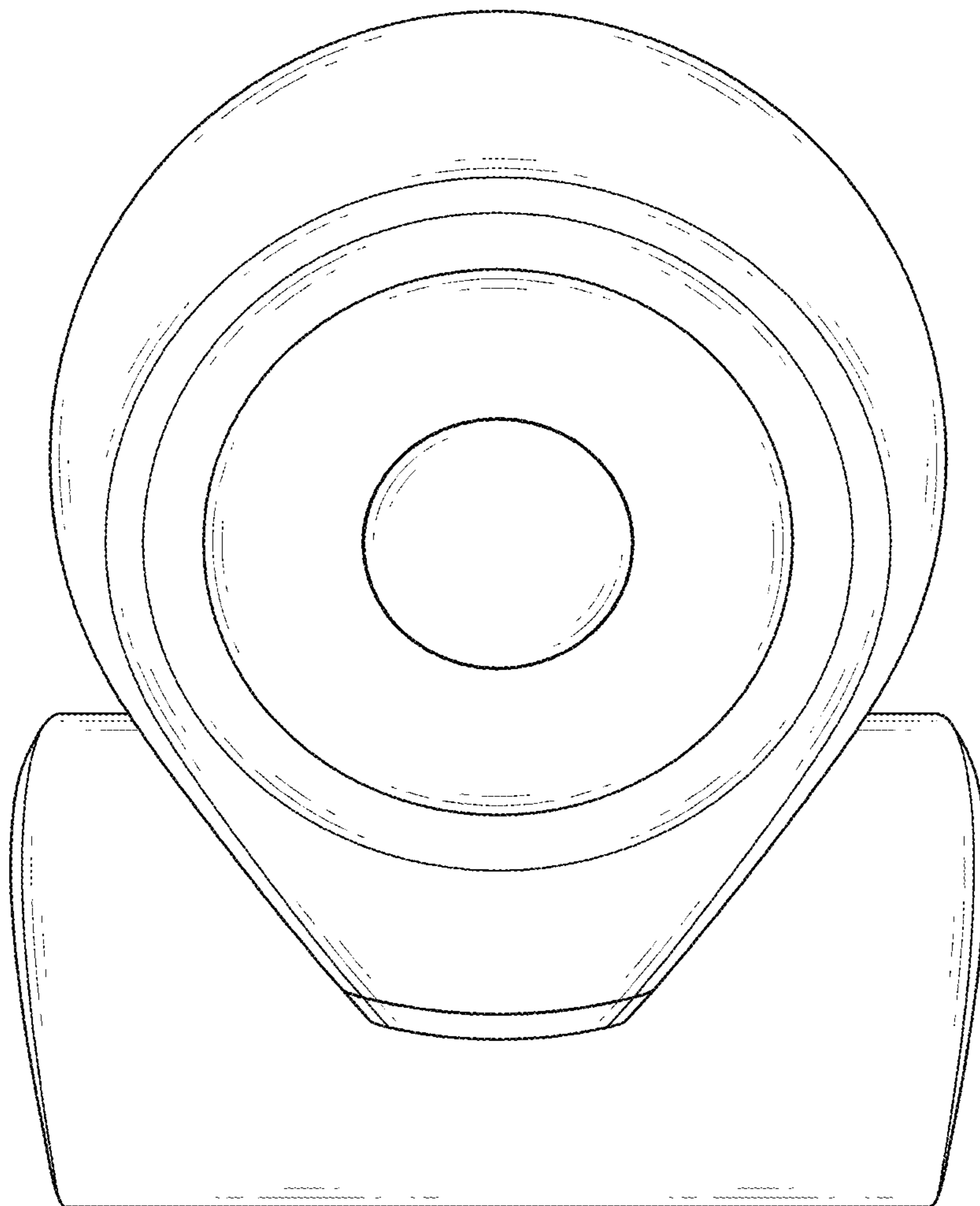
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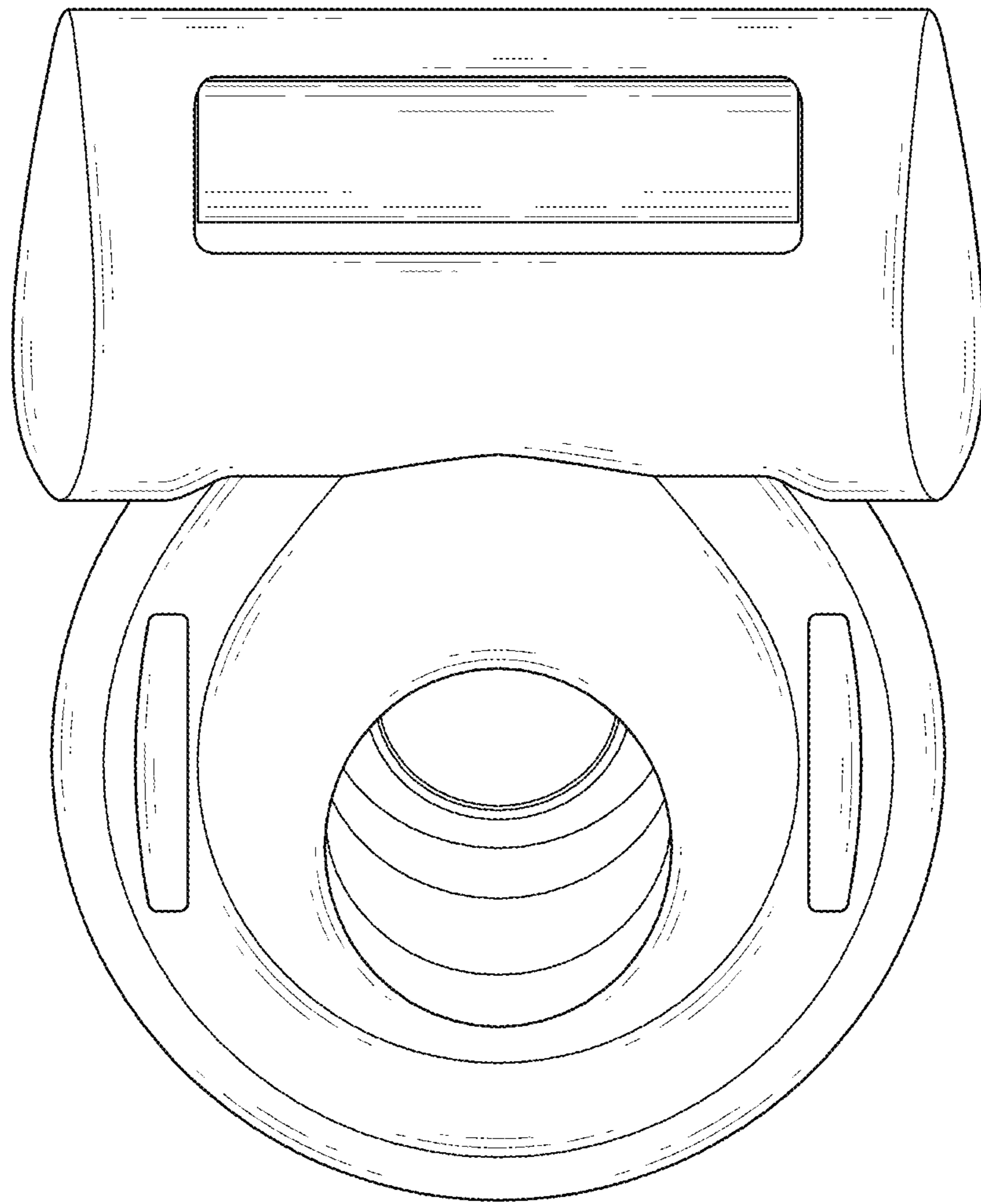
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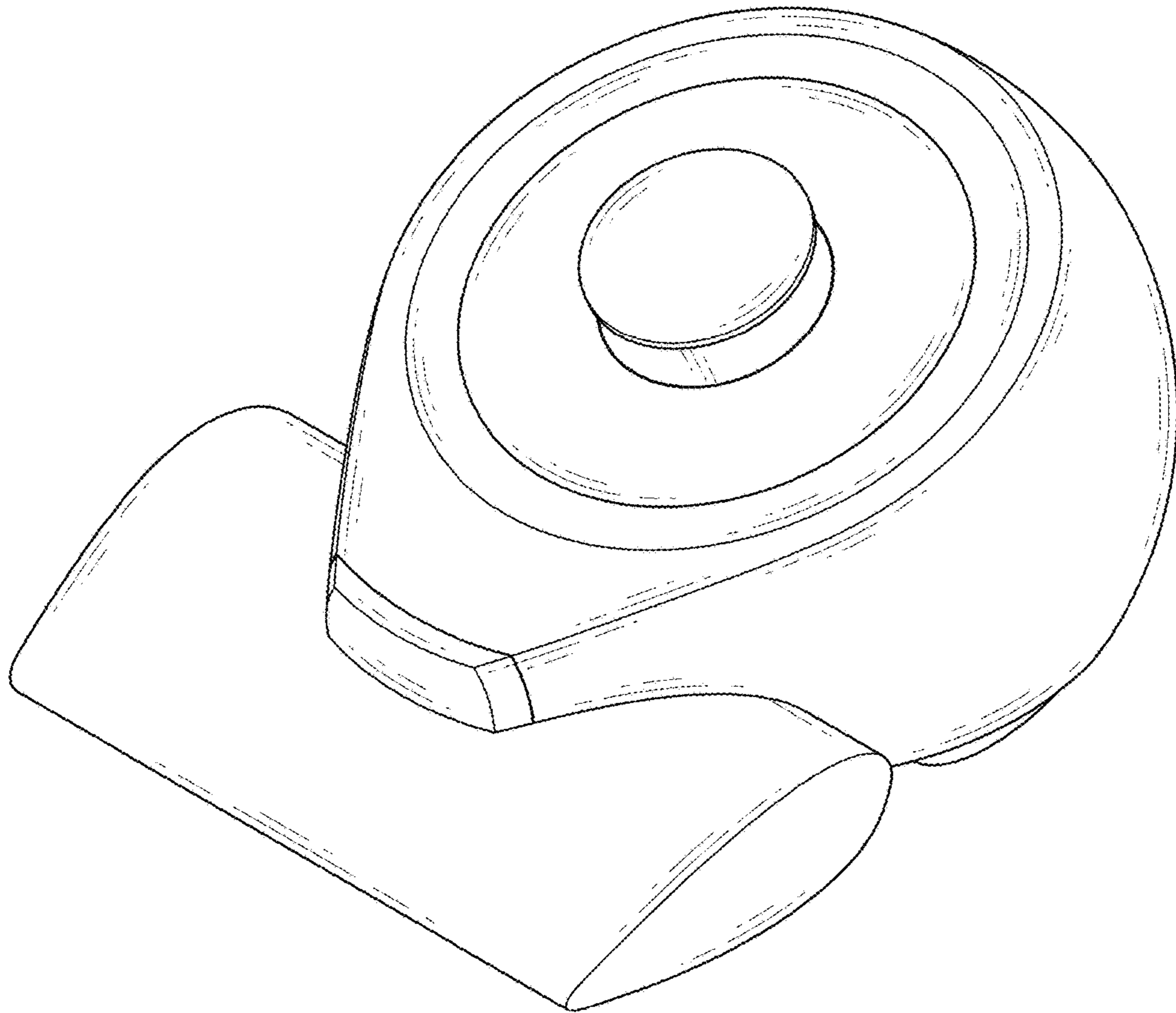


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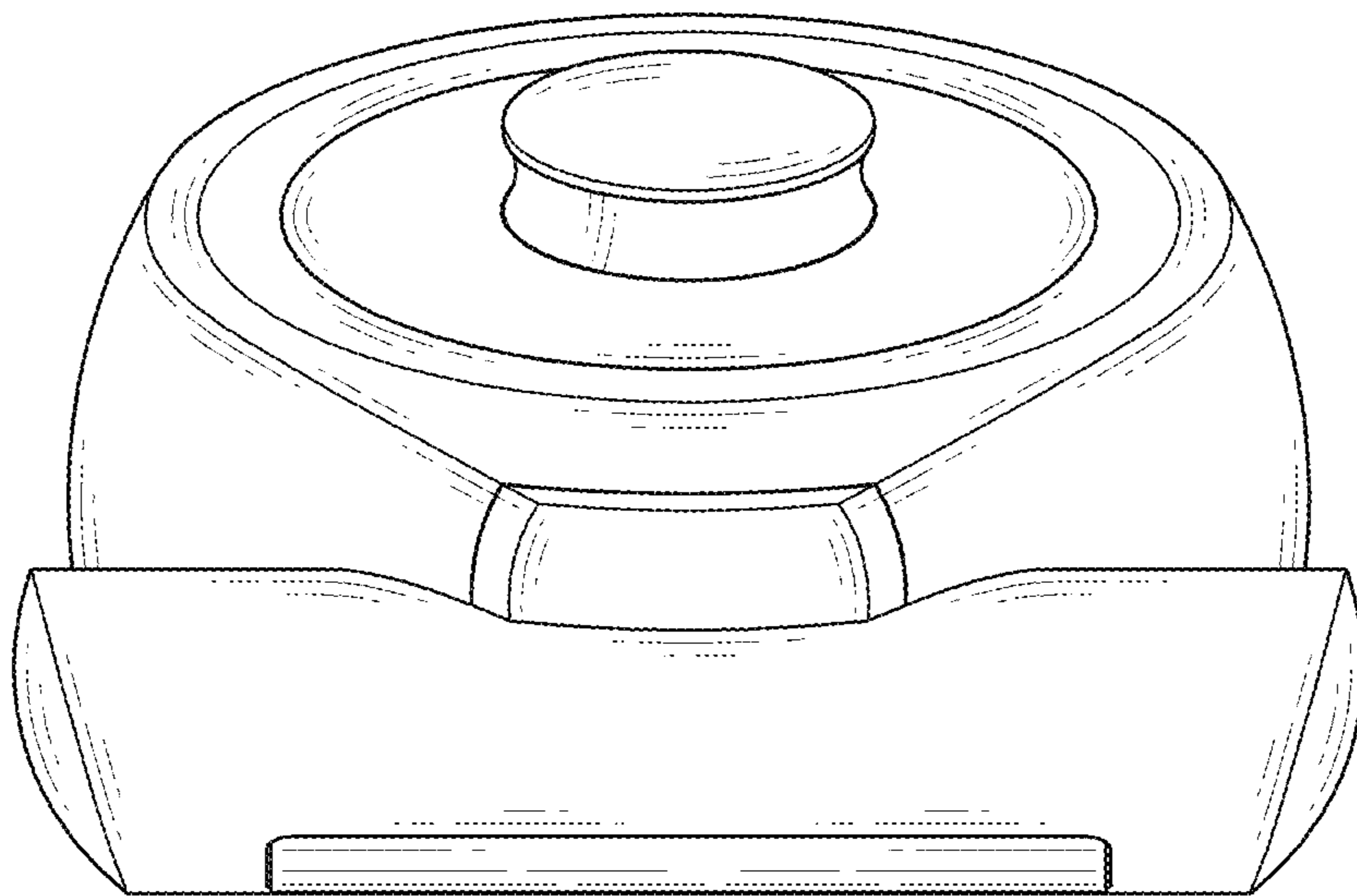




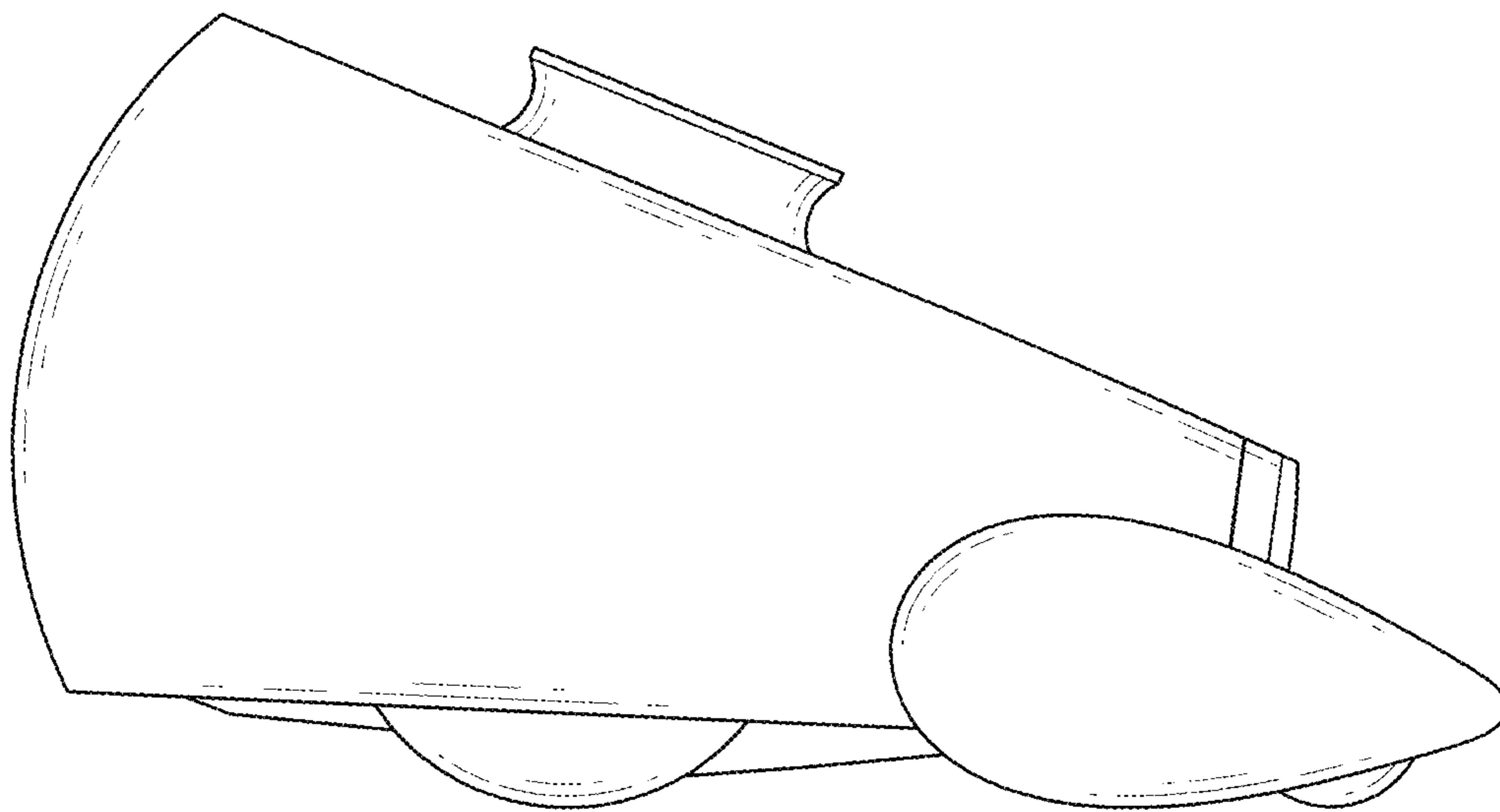
1.8



1.9



1. 10



1.11

