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

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(54) **FUEL CELL POWER PACK FOR DRONE**
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(**) Term: **15 Years**

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(52) **U.S. Cl.**
USPC **D21/441**

(58) **Field of Classification Search**
USPC D12/16.1, 19, 322, 323, 326, 327, 328, D12/329, 330, 339, 341, 342, 343, 344; D21/436, 438, 439, 440, 441, 446, 447, D21/448, 449, 450, 453
CPC B64C 5/06; B64C 29/00; B64C 30/00; B64C 39/00; B64C 39/024
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D189,462 S * 12/1960 Vogt D12/329
3,053,480 A * 9/1962 Vanderlip B64C 27/54
244/17.13
4,913,377 A * 4/1990 Eickmann B64C 29/00
244/17.11
5,082,079 A * 1/1992 Lissaman B64C 27/20
180/118
D648,809 S * 11/2011 Seydoux D21/441

D659,771 S * 5/2012 Seydoux D21/441
D691,514 S * 10/2013 Wang D12/16.1
D708,272 S * 7/2014 Schmelter D21/441
D710,454 S * 8/2014 Barajas D21/442
D741,751 S * 10/2015 Klaptocz D12/16.1
D745,435 S * 12/2015 Park D12/16.1
2012/0241555 A1* 9/2012 Savoye A63H 27/12
244/54
2014/0374532 A1* 12/2014 Duffy G05D 1/104
244/2
2015/0129711 A1* 5/2015 Caubel A63H 27/12
244/17.23
2015/0148988 A1* 5/2015 Fleck B64D 1/14
701/2
2015/0321759 A1* 11/2015 Caubel B64C 27/006
244/17.23

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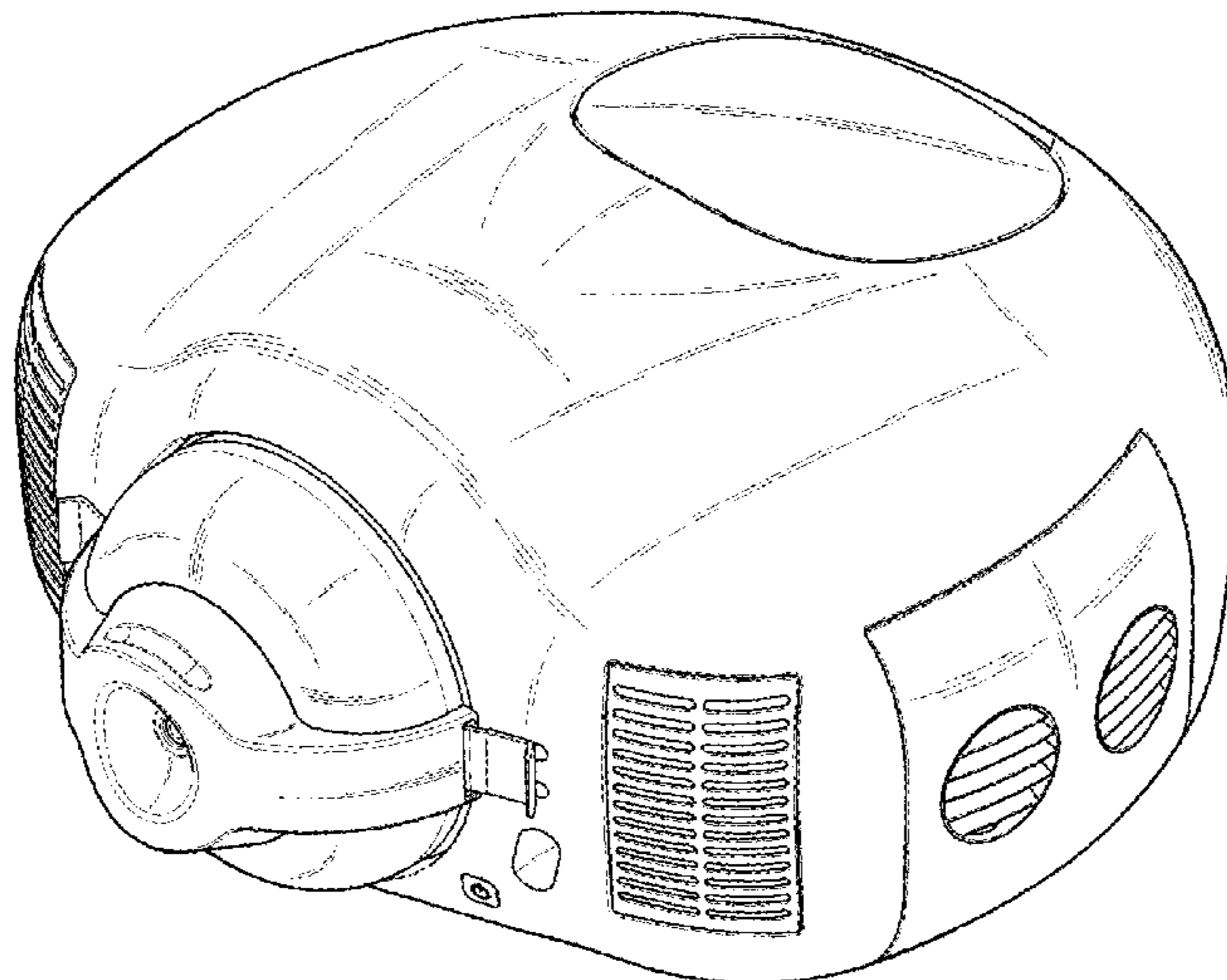
(57) **CLAIM**

The ornamental design for a fuel cell power pack for drone, as shown and described.

DESCRIPTION

1. Fuel cell power pack for drone
1.1 is a front perspective view of a fuel cell power pack for drone embodying our new design;
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; and
1.8 is a rear perspective view thereof.
Design 1: the materials are a metal, a synthetic resin and a non-metallic material; design 1 relates to a fuel cell power pack for a drone mounted to and detached from the drone; is for illustrative purposes only and form no part of the claimed designs.

1 Claim, 8 Drawing Sheets



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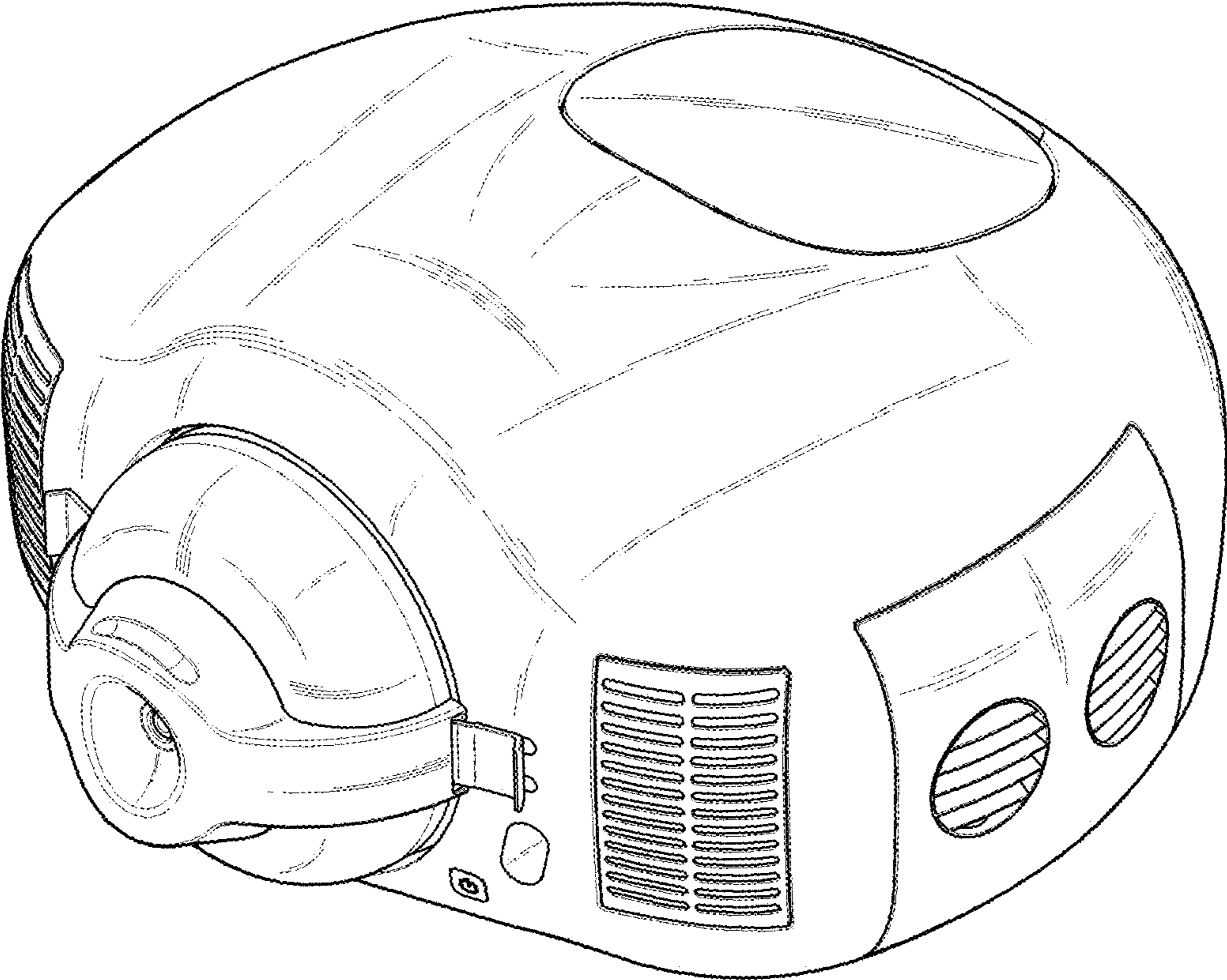
References Cited

U.S. PATENT DOCUMENTS

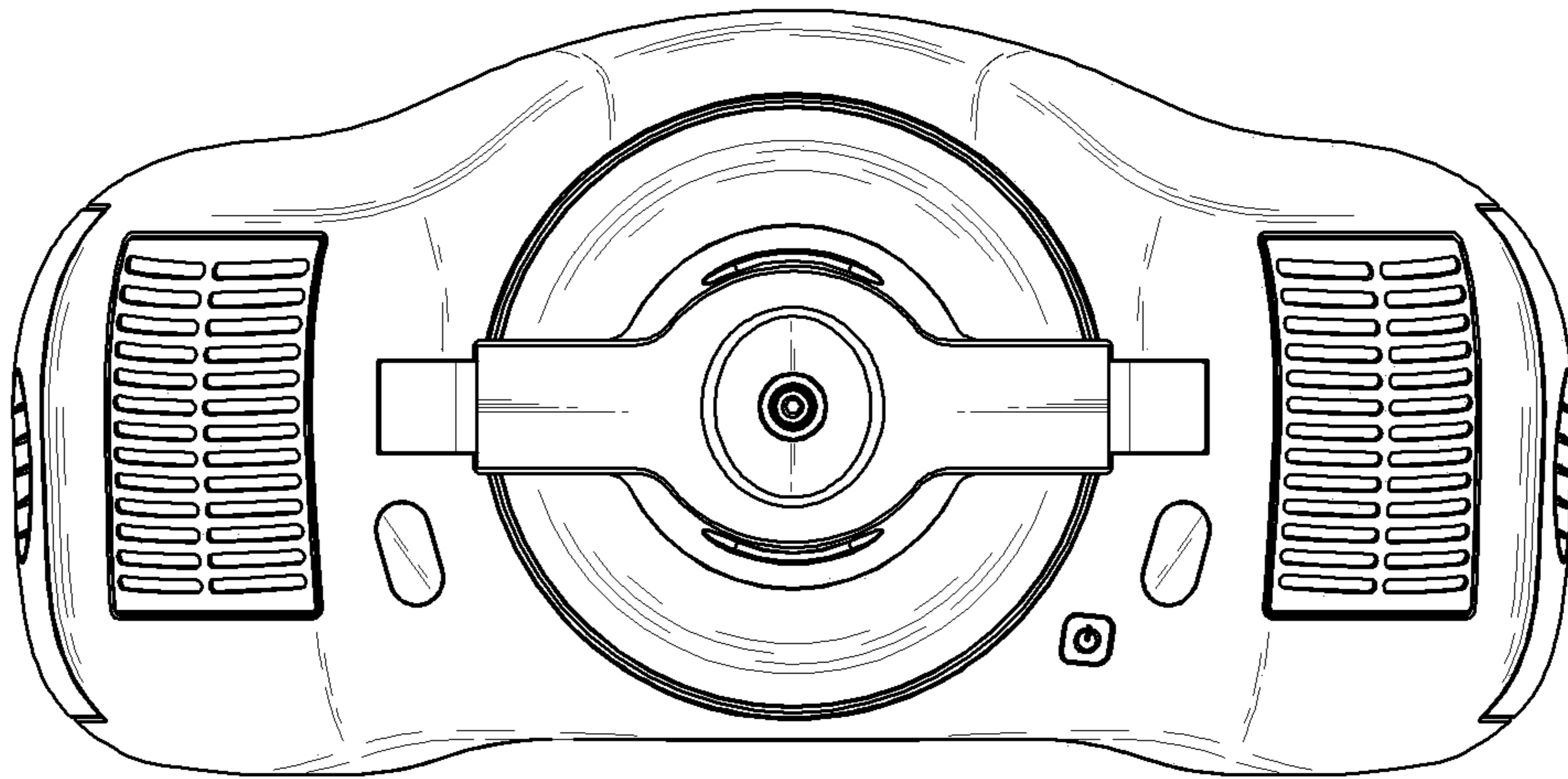
2016/0062364 A1* 3/2016 Foinet G05D 1/0011
701/2
2016/0068266 A1* 3/2016 Carroll B64D 27/24
244/53 R

* cited by examiner

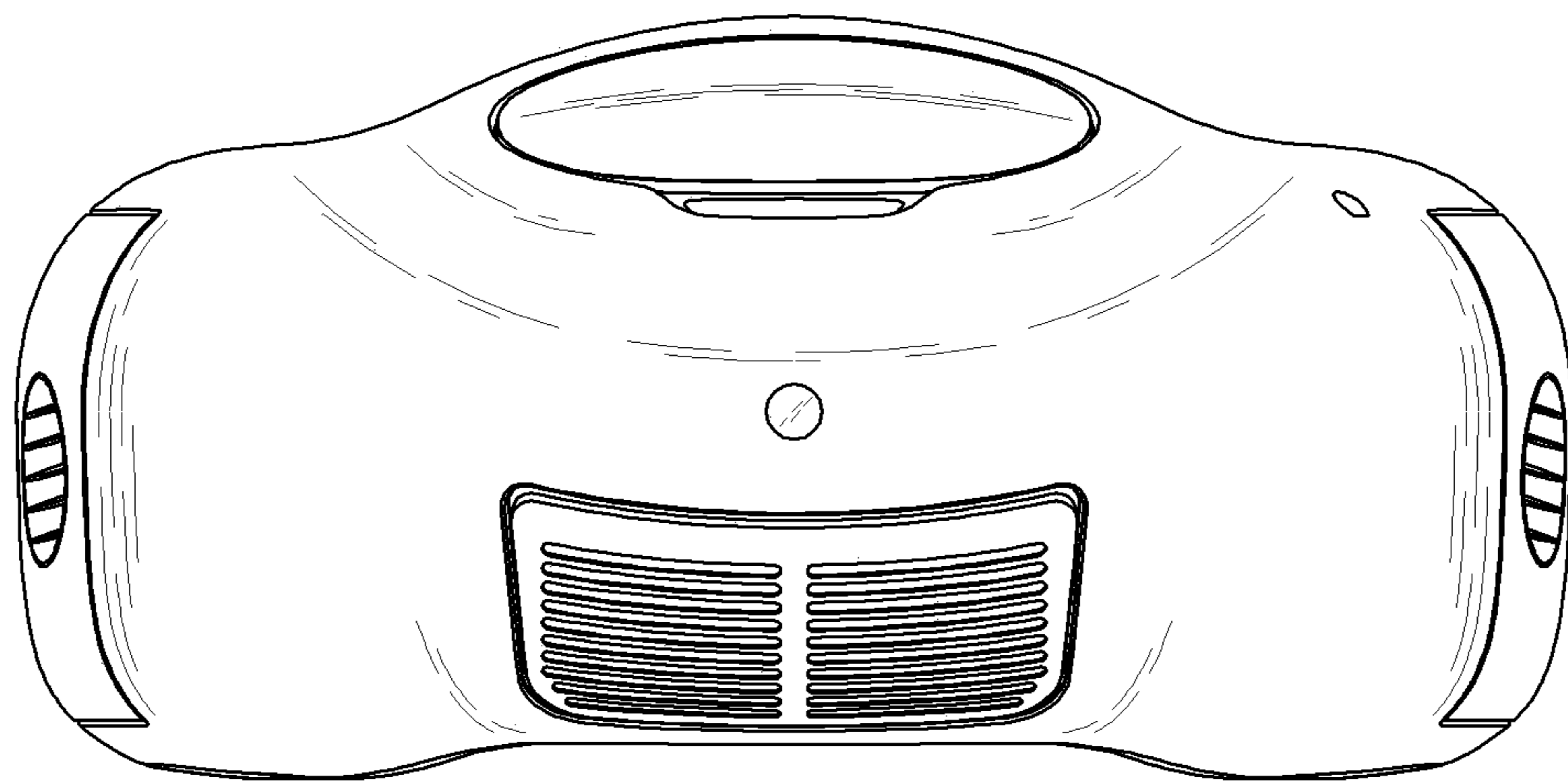
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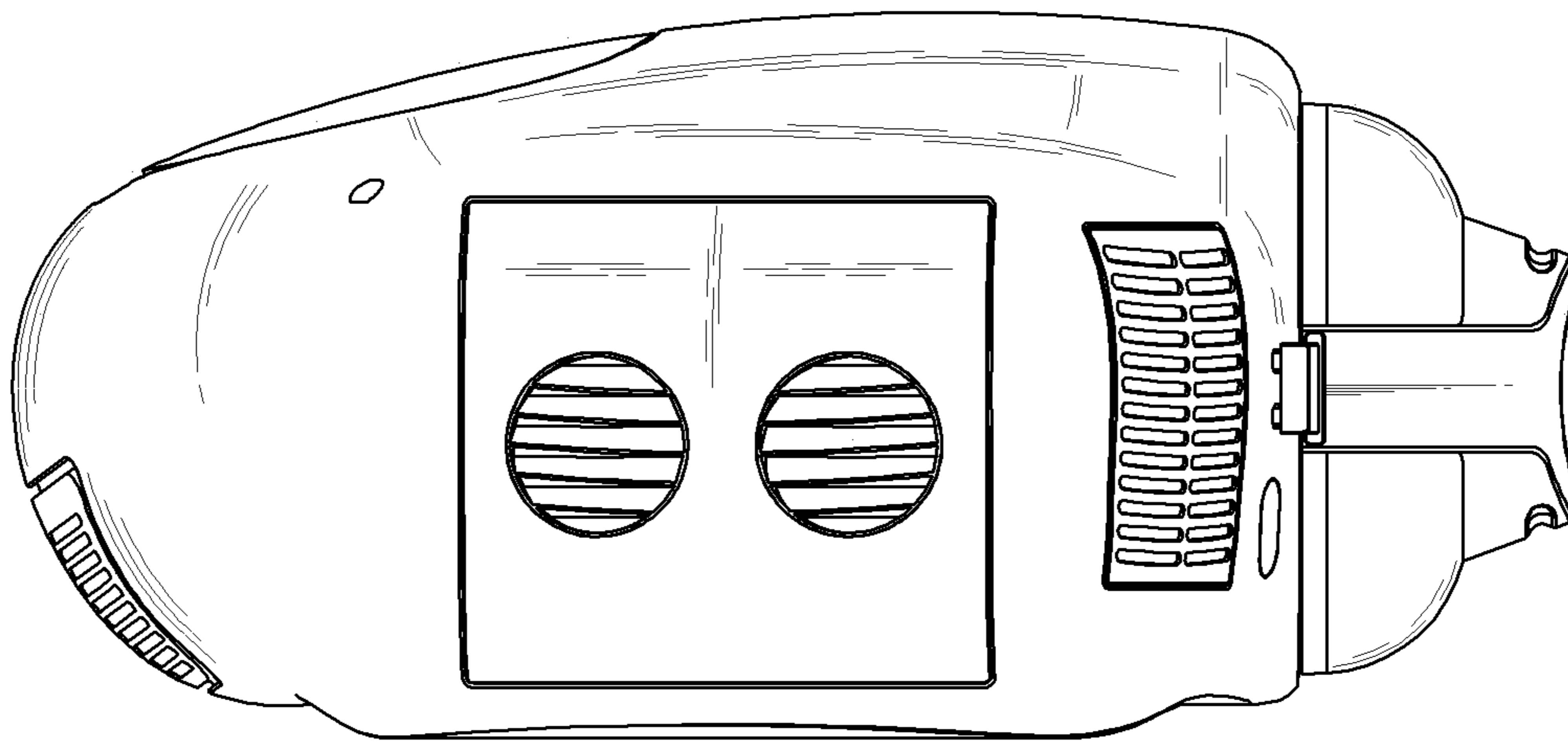
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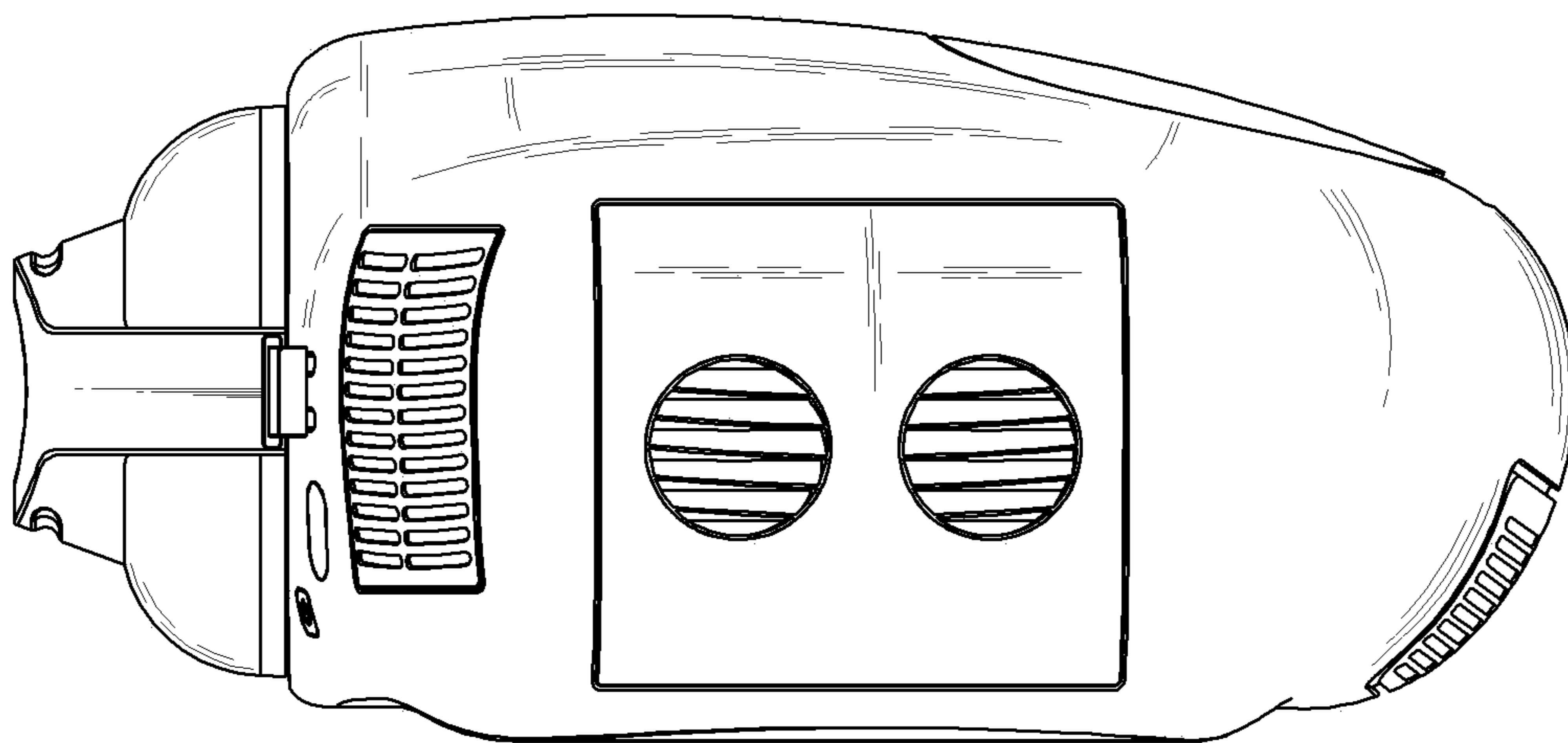
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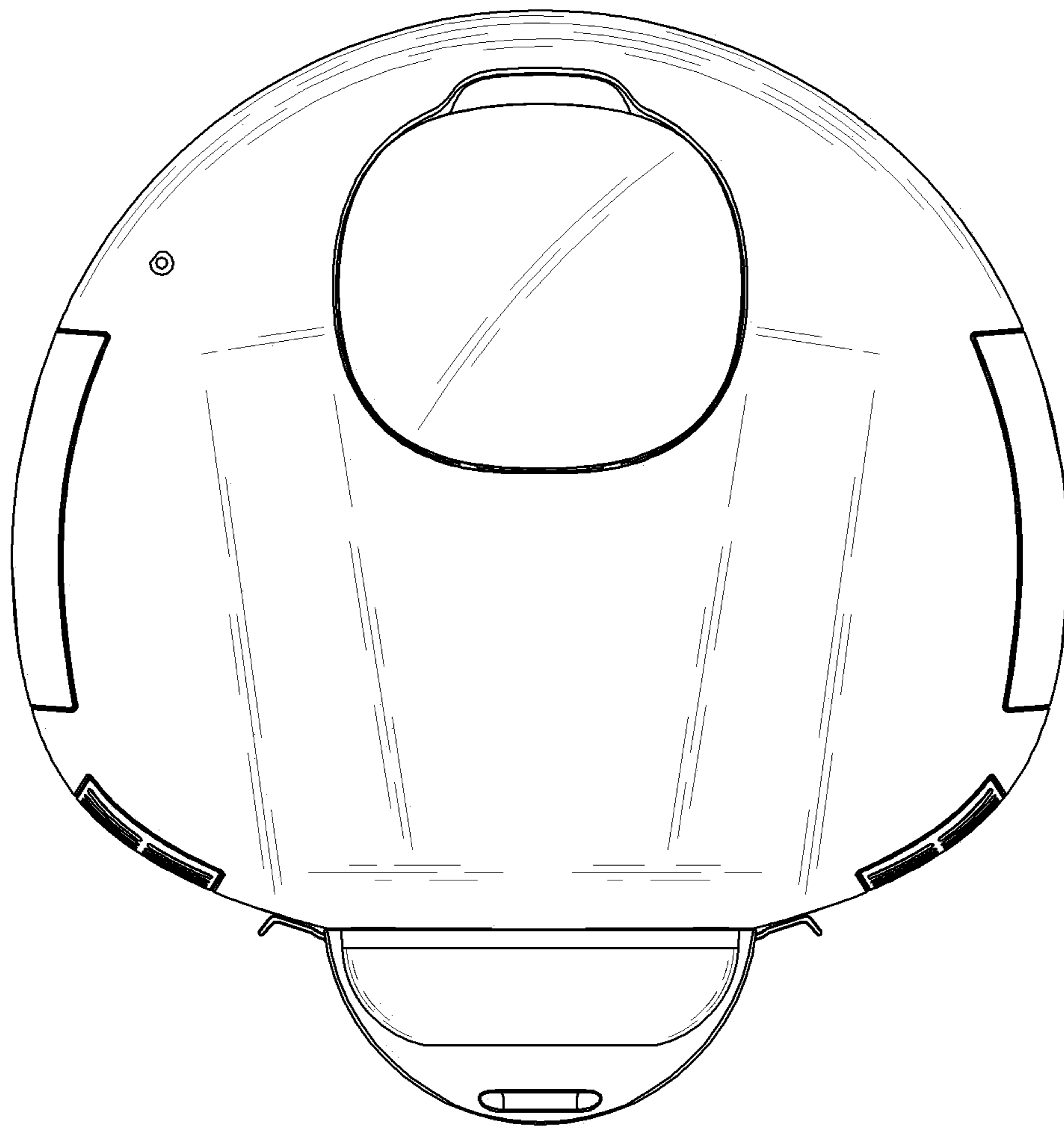
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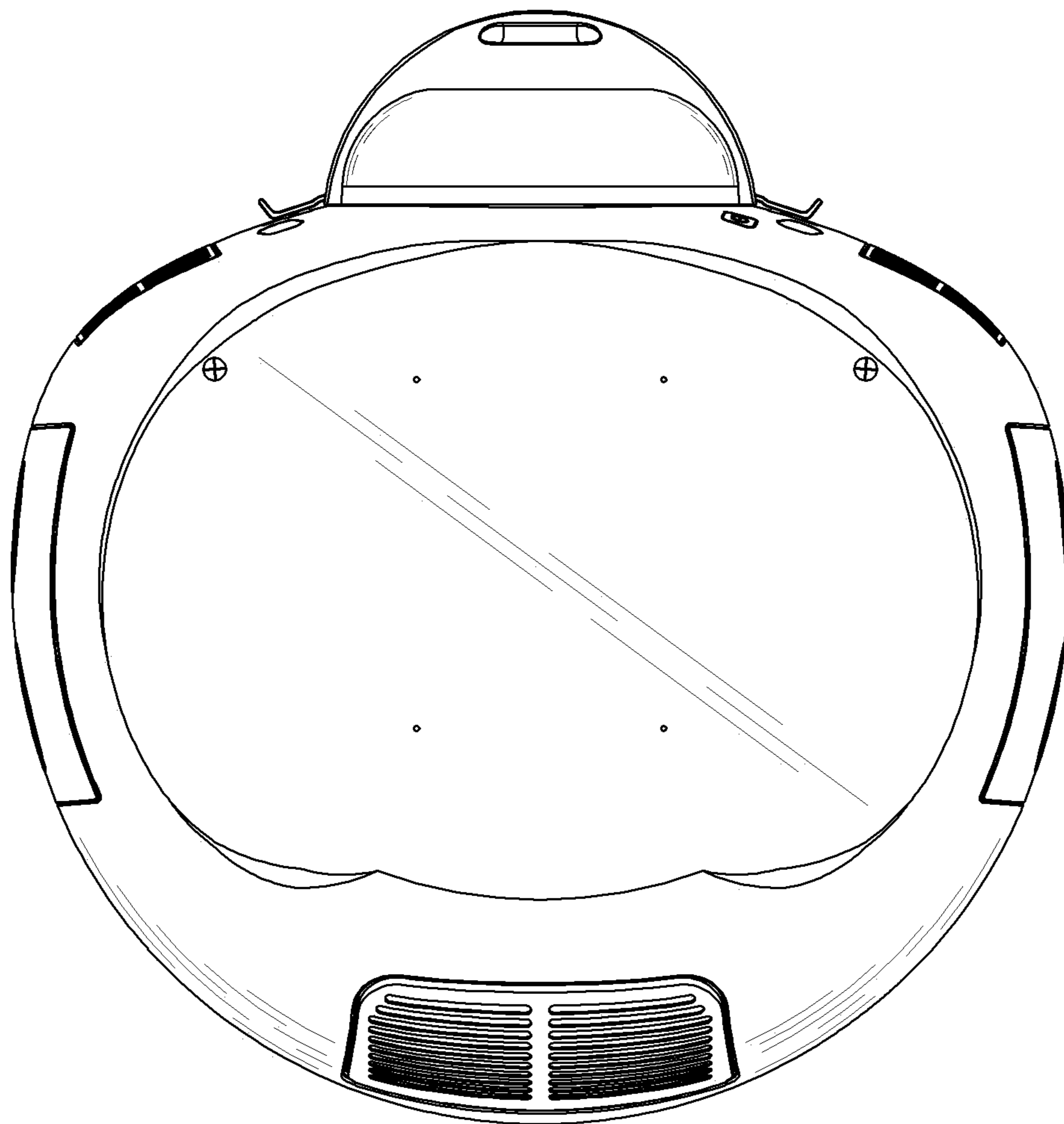
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