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(12) **United States Design Patent** (10) **Patent No.:** **US D842,906 S**
Roh et al. (45) **Date of Patent:** **** Mar. 12, 2019**

(54) **ROBOT LAWN MOWER**
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(52) **U.S. Cl.**
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CPC **A01D 34/008** (2013.01)
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56/16.7, 202, 255, 294, 295, 320.1, 320.2;
180/900, 89.1, 89.12
CPC A01D 34/008; A01D 34/81; A01D 34/416;
A01D 34/4166; A01D 34/4167; A01D
34/87; A01D 34/90; B60L 1/003; B60L
3/0061; B60L 11/1803; B60L 11/1805;
B60L 11/1877; B60L 15/20; B60L
2260/28; B60L 2200/40; B60L 2220/16;
B60L 2220/46; B60L 2240/36; B60L
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See application file for complete search history.

(56) **References Cited**
U.S. PATENT DOCUMENTS
D346,809 S * 5/1994 Burgos D15/14
D451,931 S * 12/2001 Abramson D15/14
D504,901 S * 5/2005 Wickstrom D15/14
D559,867 S * 1/2008 Abramson D15/14
D573,610 S * 7/2008 Abramson D15/14
D652,431 S * 1/2012 Naslund D15/14
D656,163 S * 3/2012 Johansson D15/14
8,390,251 B2 * 3/2013 Cohen A47L 9/2857
320/109
D679,294 S * 4/2013 Tajik D15/14
D679,295 S * 4/2013 Tajik D15/14
D681,065 S * 4/2013 Maeda D15/14
8,634,960 B2 * 1/2014 Sandin G05D 1/0225
700/258
D718,339 S * 11/2014 Damshak D15/14
D718,340 S * 11/2014 Damshak D15/14
D718,341 S * 11/2014 Gur D15/14
D718,793 S * 12/2014 Gur D15/14

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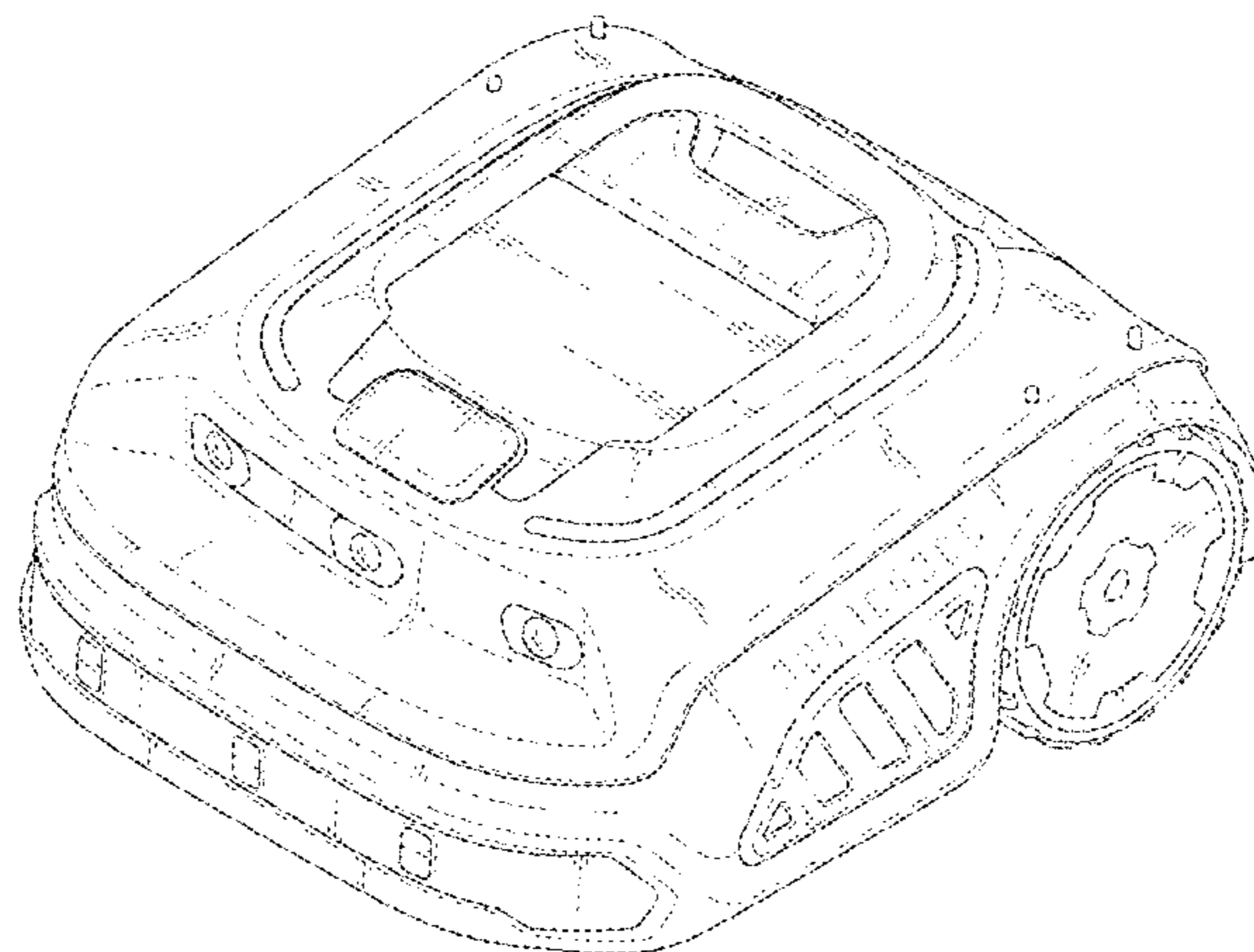
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(57) **CLAIM**
The ornamental design for a robot lawn mower, as shown and described.

DESCRIPTION

1. Robot lawn mower
1.1 : Perspective
1.2 : Front
1.3 : Back
1.4 : Left
1.5 : Top
1.6 : Bottom
1.7 : Back perspective
The broken lines depict portions of the robot lawn mower that form no part of the claimed design;

1 Claim, 7 Drawing Sheets



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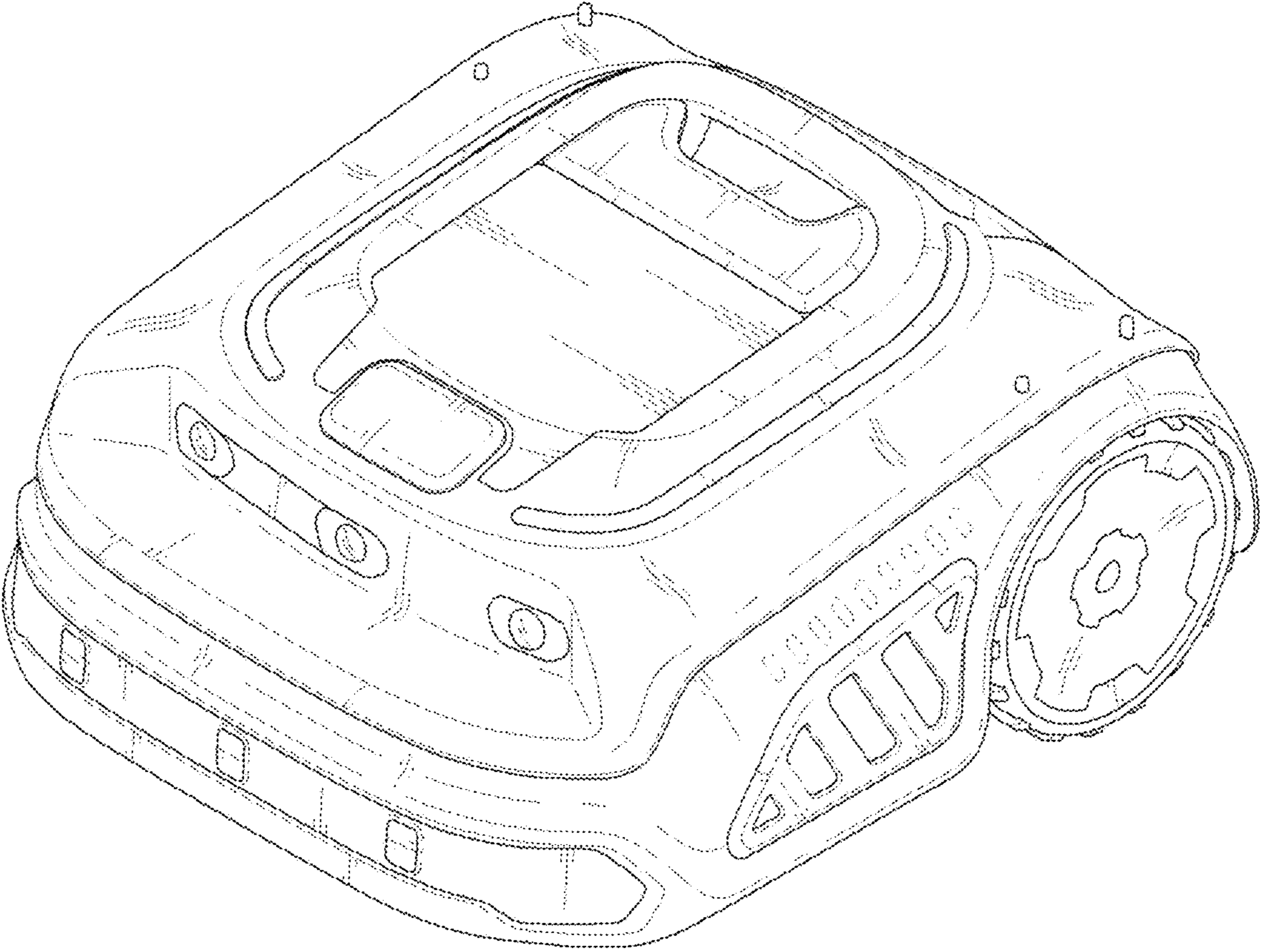
References Cited

U.S. PATENT DOCUMENTS

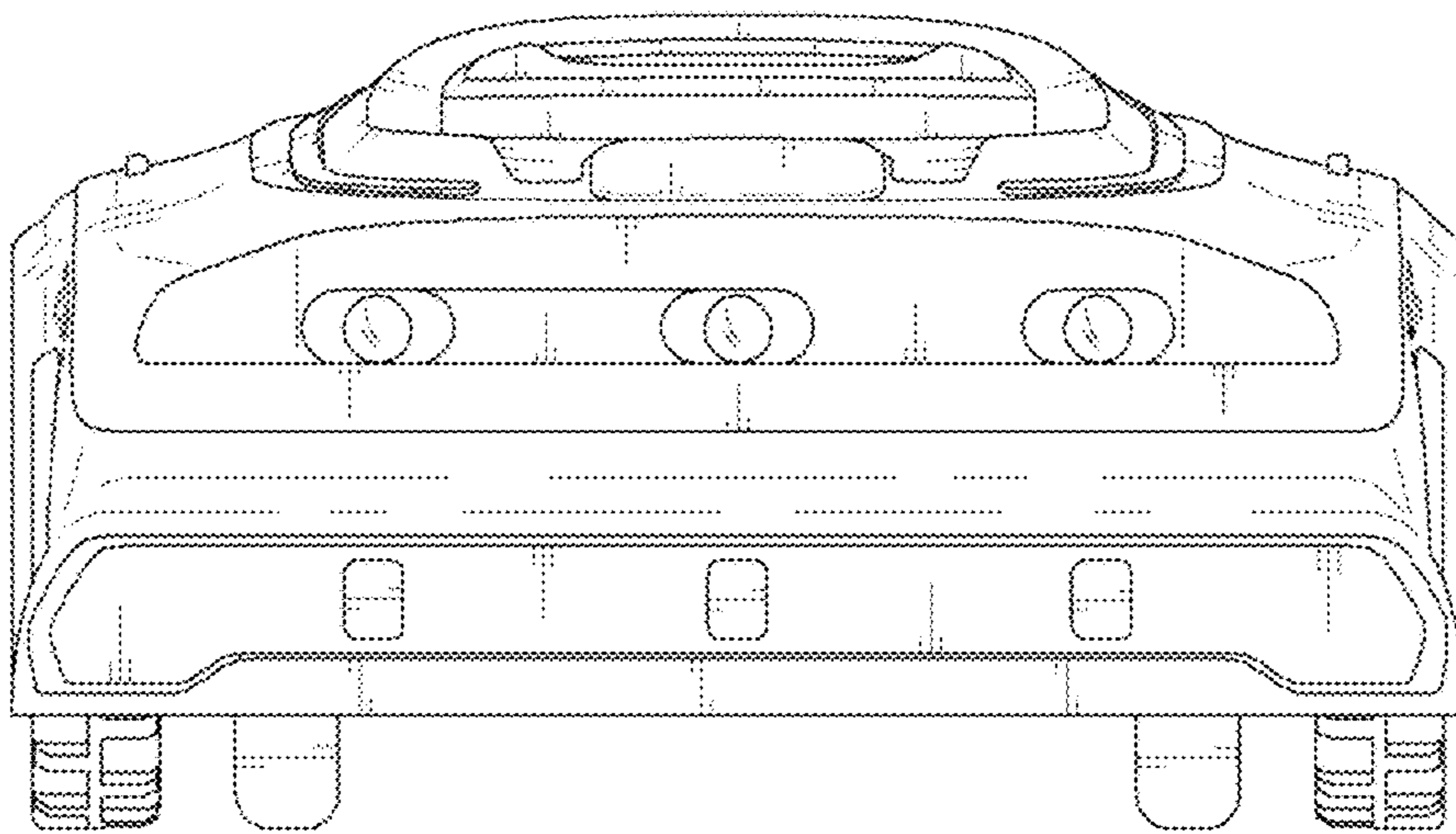
D729,280 S * 5/2015 Naslund D15/14
D780,811 S * 3/2017 Lin D15/14
D805,111 S * 12/2017 Fujiwara D15/14
D830,418 S * 10/2018 Naslund D15/14
2010/0324731 A1* 12/2010 Letsky A01D 34/008
700/245
2016/0100521 A1* 4/2016 Halloran A01D 34/008
180/169
2018/0064024 A1* 3/2018 Choi A01D 34/008
2018/0184583 A1* 7/2018 Morin A01D 34/008

* cited by examiner

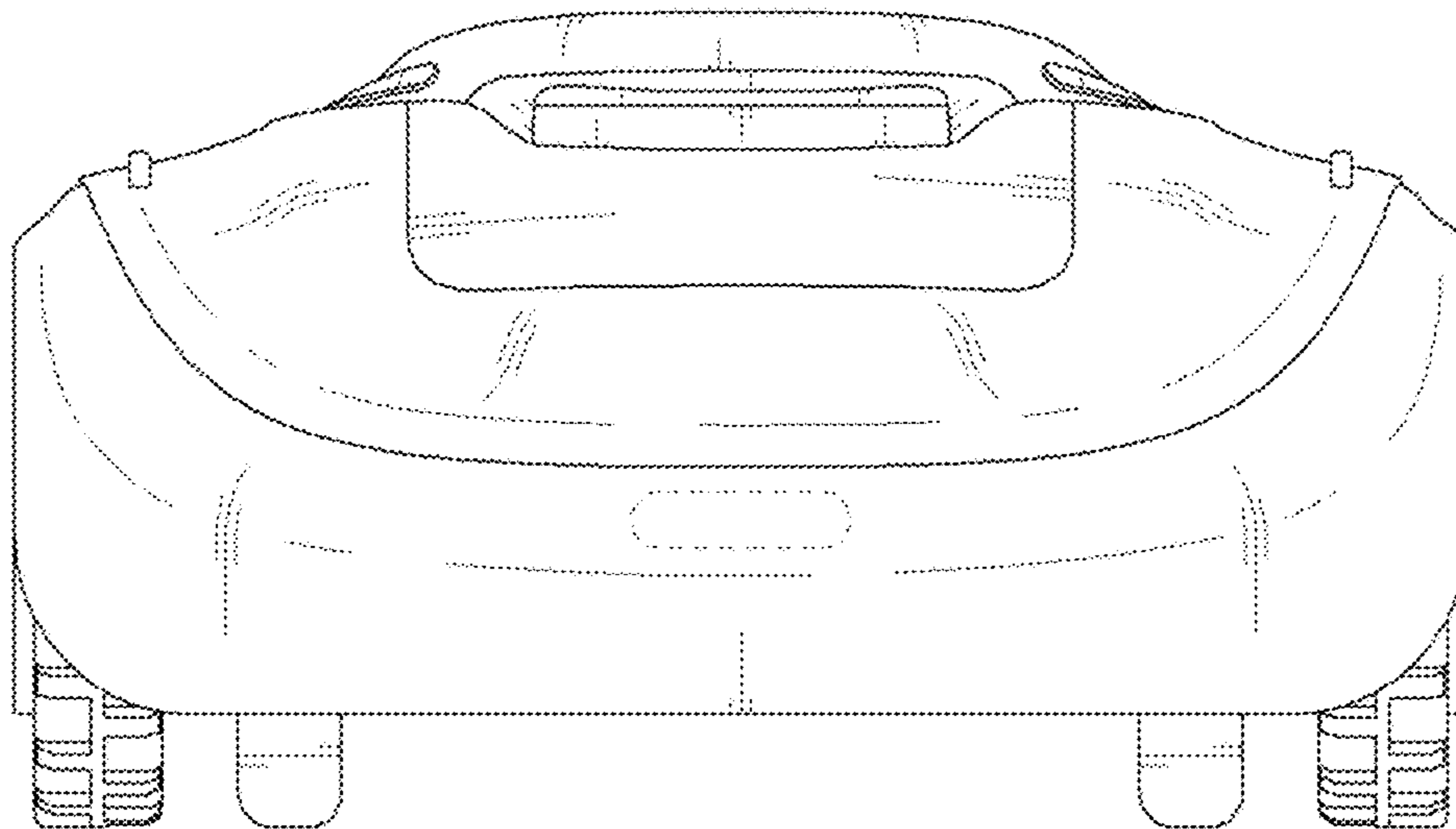
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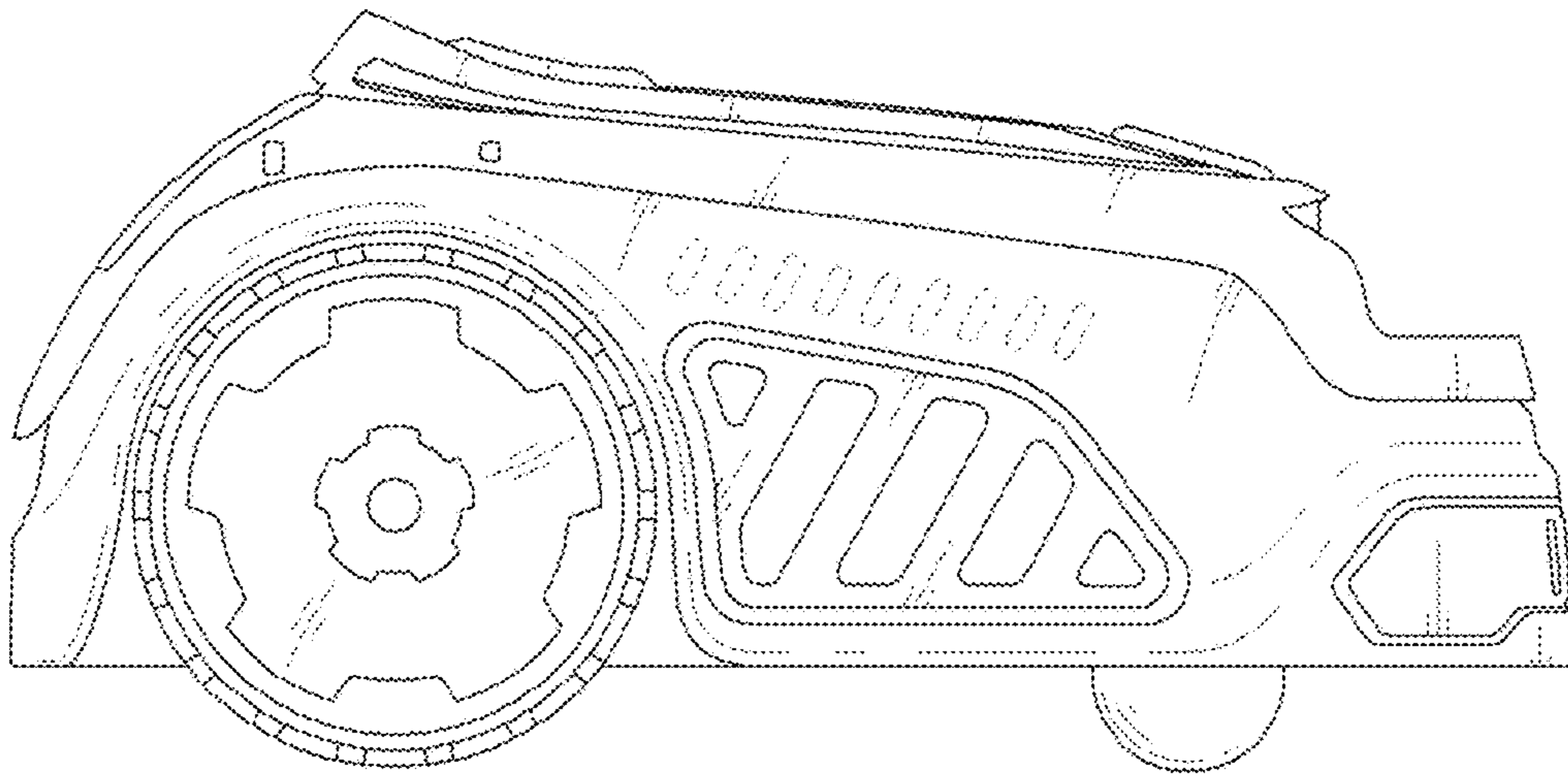
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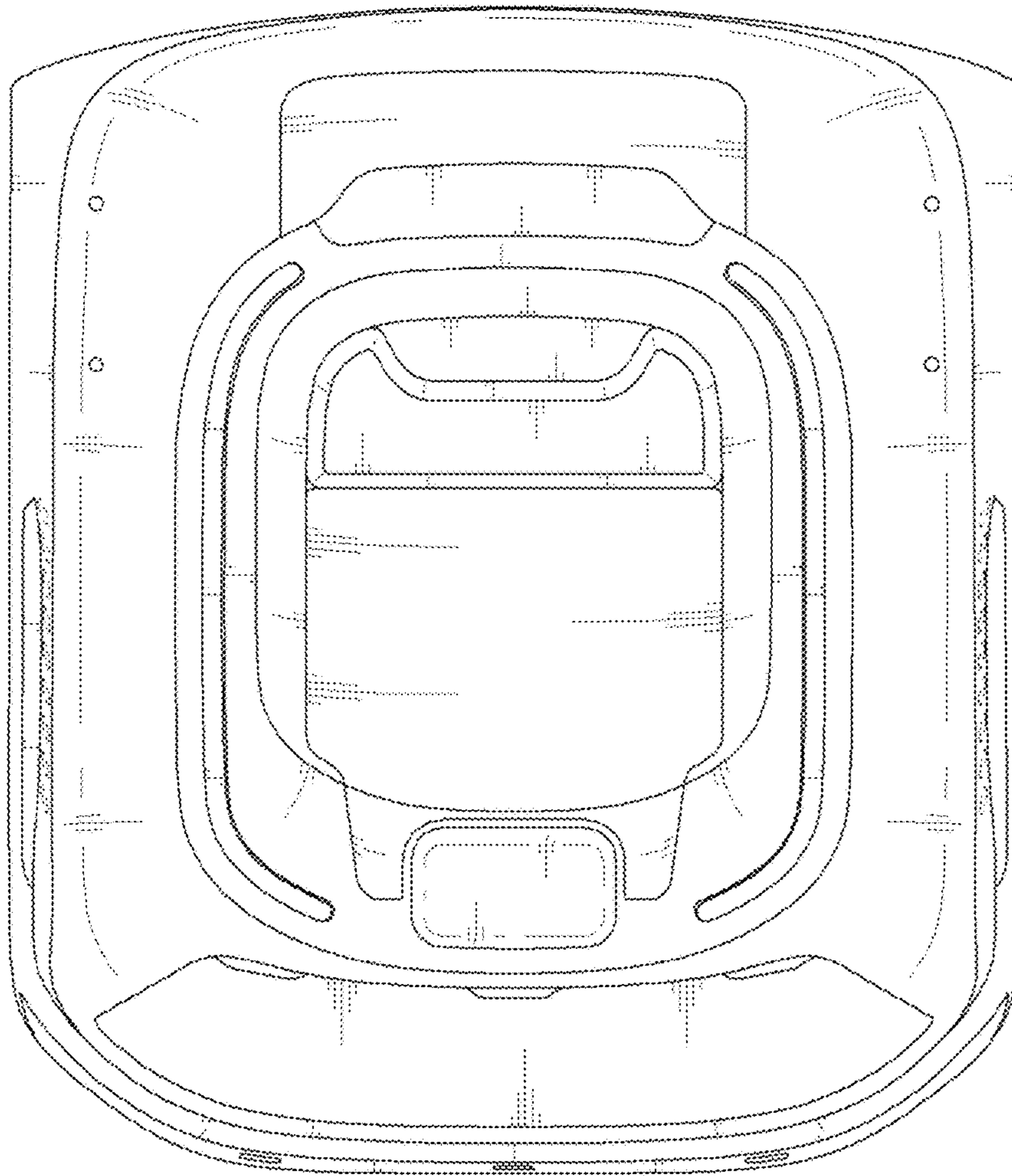
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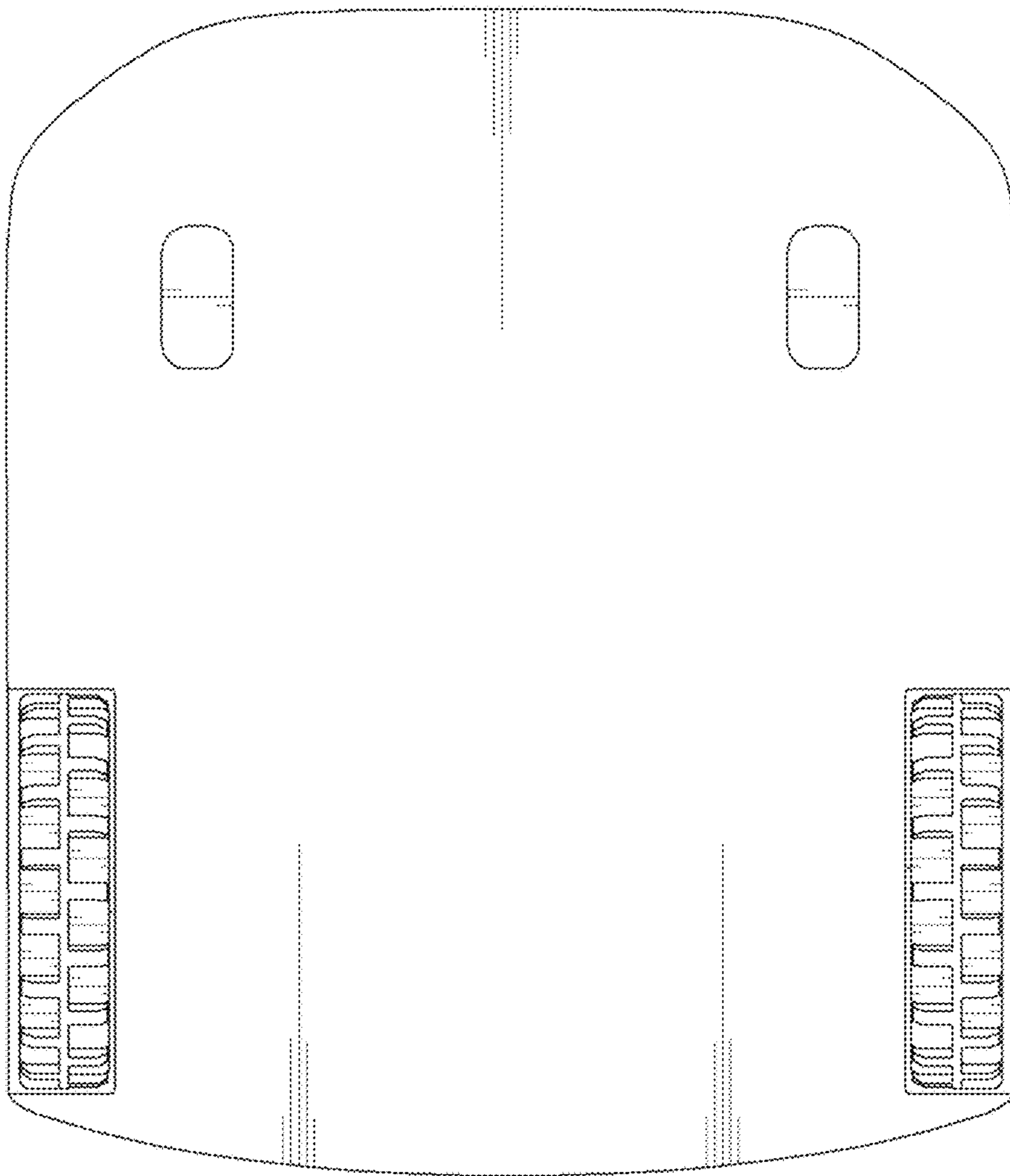
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1.5



1.6



1.7

