



US00D918159S

(12) **United States Design Patent** (10) **Patent No.:** **US D918,159 S**
Kim (45) **Date of Patent:** **** May 4, 2021**

(54) **SMART KEY FOR VEHICLES**
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D662,066 S * 6/2012 Seidl D13/168
D687,787 S * 8/2013 Chin D13/168
D688,215 S * 8/2013 Yu D13/168
D688,635 S * 8/2013 Ni D13/168
D692,400 S * 10/2013 Ni D13/168
D725,607 S * 3/2015 Kandler D13/168
D726,129 S * 4/2015 Chin D13/168
D733,074 S * 6/2015 Kandler D13/168
D844,574 S * 4/2019 Kandler D13/168

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

FOREIGN PATENT DOCUMENTS

(21) Appl. No.: **35/508,919**

CN 304851445 * 10/2018
CN 304851450 * 10/2018
JP D1664625 * 7/2020

(22) Filed: **Sep. 26, 2019**

* cited by examiner

(80) **Hague Agreement Data**

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Primary Examiner — Deanna L Pratt

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(30) **Foreign Application Priority Data**

Mar. 27, 2019 (KR) 30-2019-0014008

(57) **CLAIM**

The ornamental design for a smart key for vehicles, as shown and described.

(51) **LOC (13) Cl.** **14-03**

DESCRIPTION

(52) **U.S. Cl.**
USPC **D13/168**

(58) **Field of Classification Search**
USPC D10/104.1, 106.1, 106.9; D8/347;
D13/168; D14/435, 218; D12/400
CPC G07C 2009/00984; E05B 19/0085
See application file for complete search history.

- 1. Smart key for vehicles
- 1.1 : Perspective
- 1.2 : Front
- 1.3 : Back
- 1.4 : Left
- 1.5 : Right
- 1.6 : Top
- 1.7 : Bottom
- 1.8 : Reference

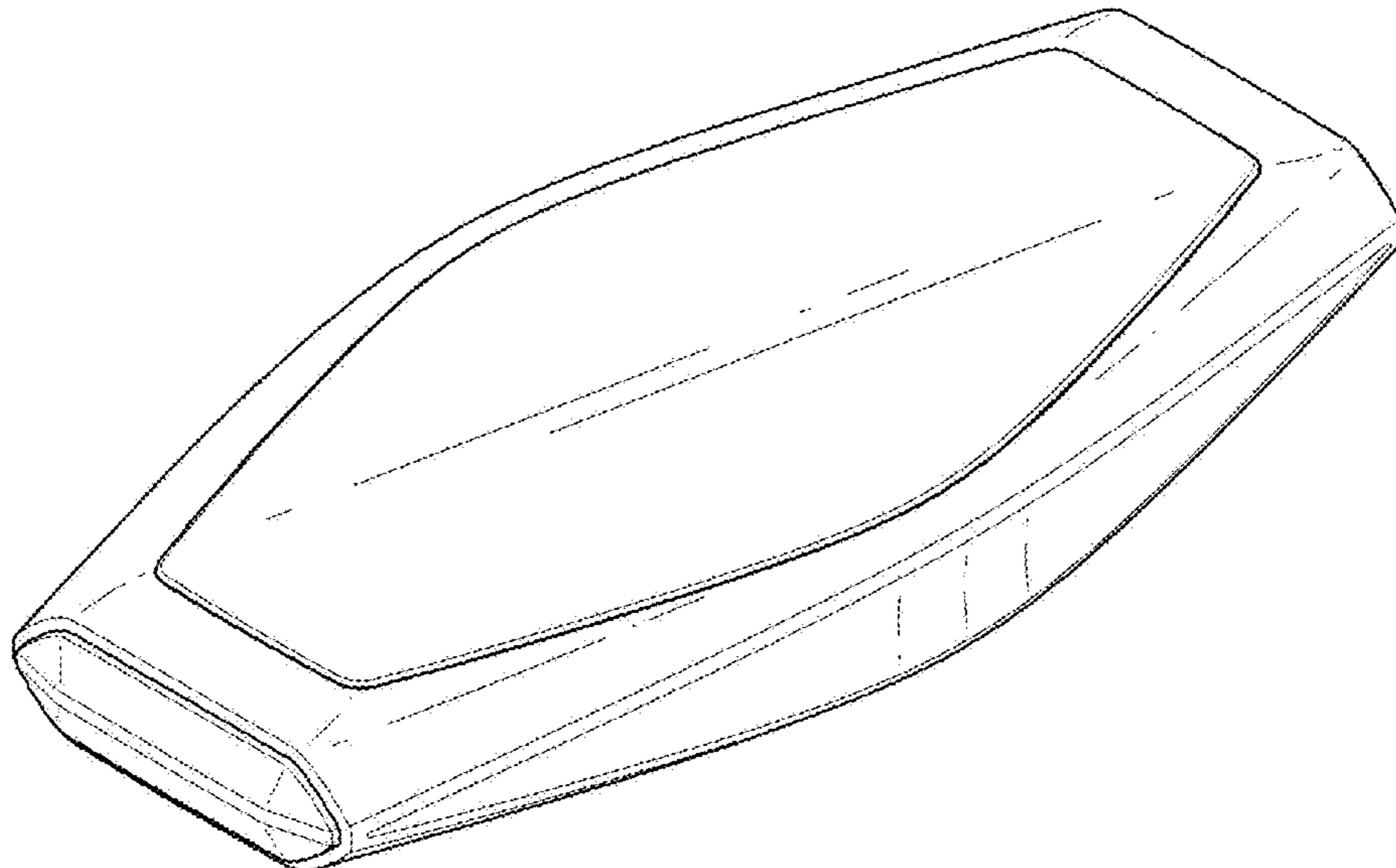
Reproduction **1.8** is a reference view showing a state of use in which a smart key is connected to a docking station; the broken lines showing portions of the article and the docking station in reproduction **1.8** form no part of the claimed design.

(56) **References Cited**

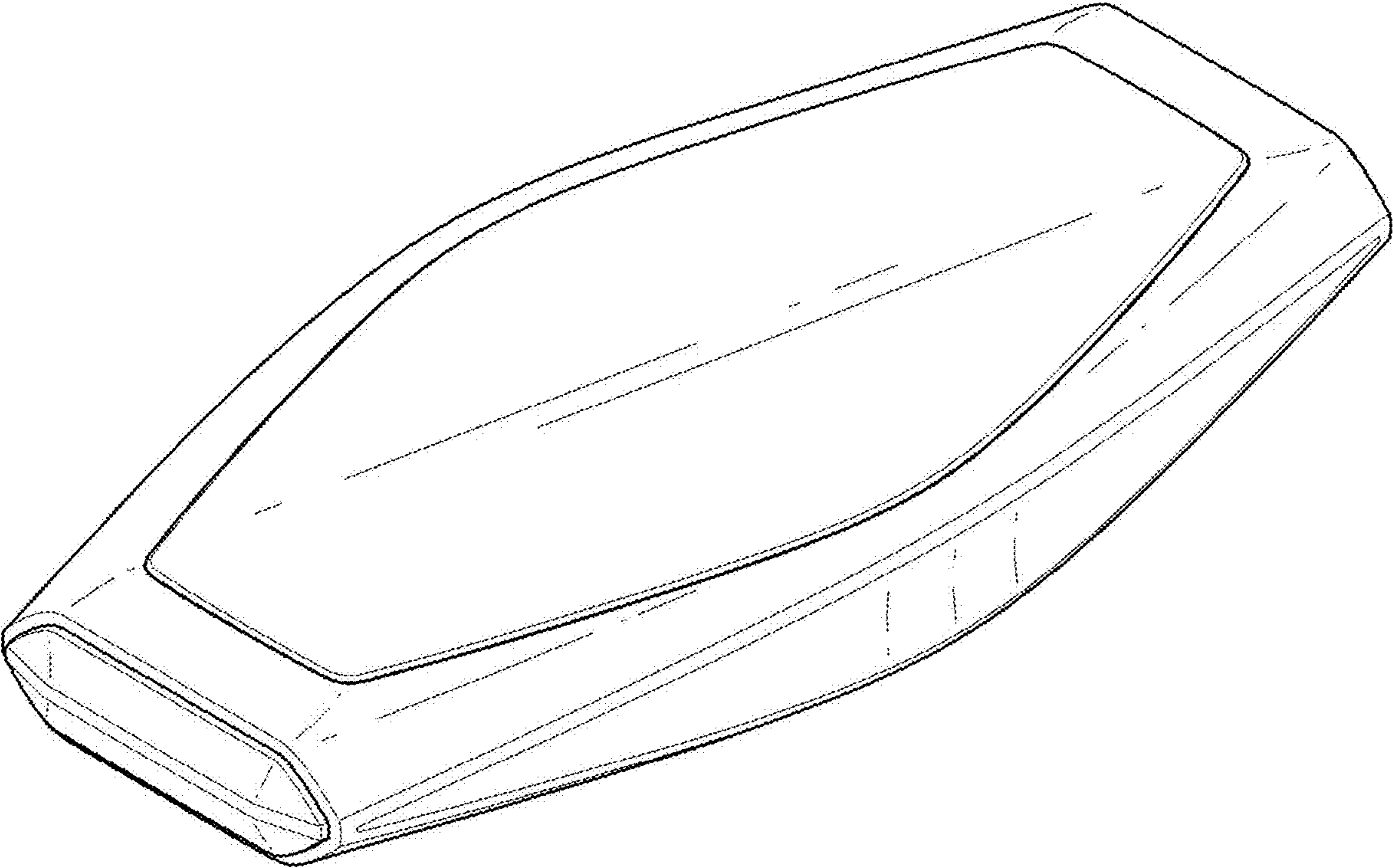
U.S. PATENT DOCUMENTS

D578,967 S * 10/2008 Kumano D13/168
D584,241 S * 1/2009 To D13/168
D584,242 S * 1/2009 Lacour D13/168
D590,779 S * 4/2009 Lacour D13/168
D639,547 S * 6/2011 Stefanov D3/207

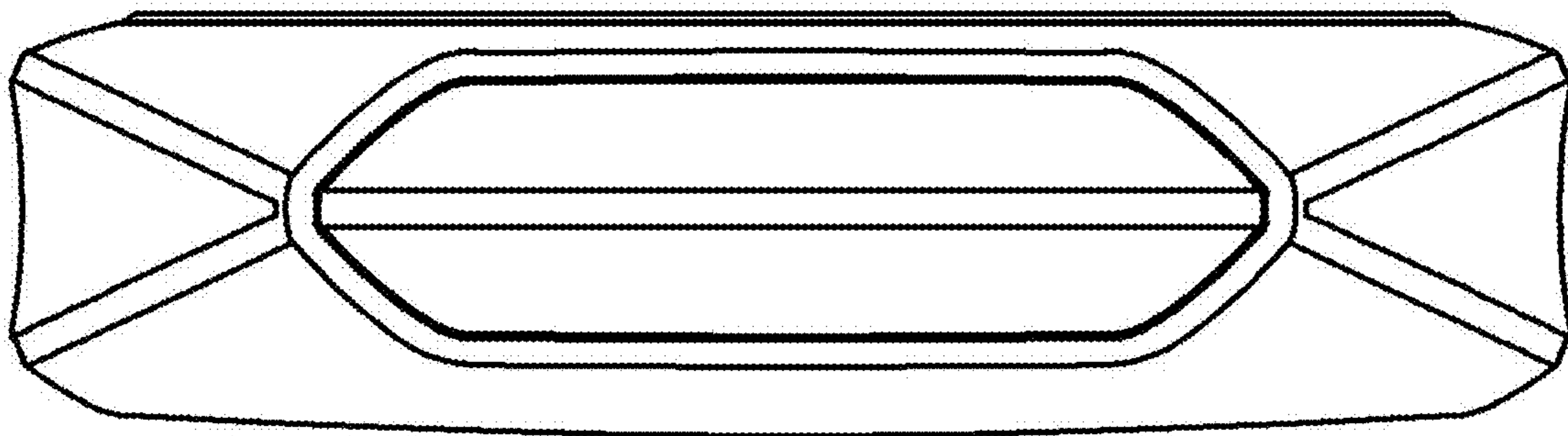
1 Claim, 8 Drawing Sheets



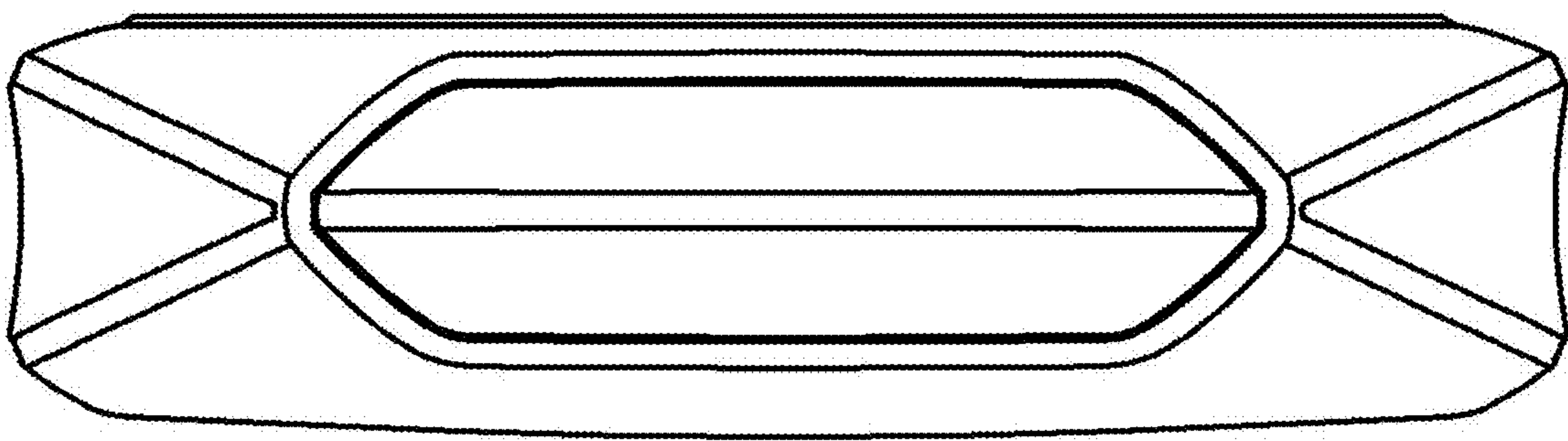
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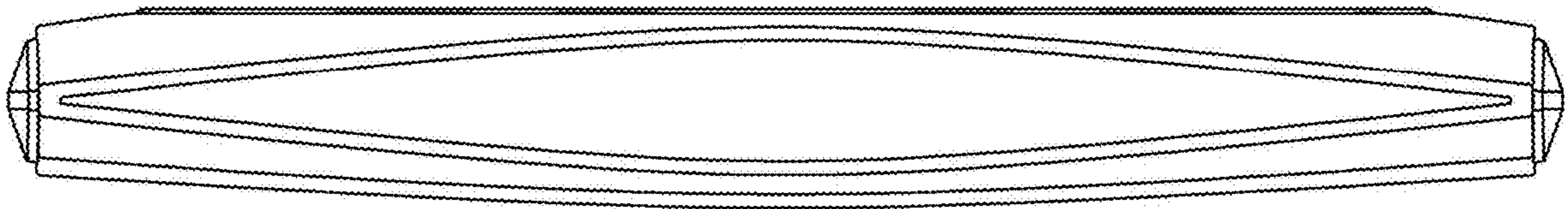
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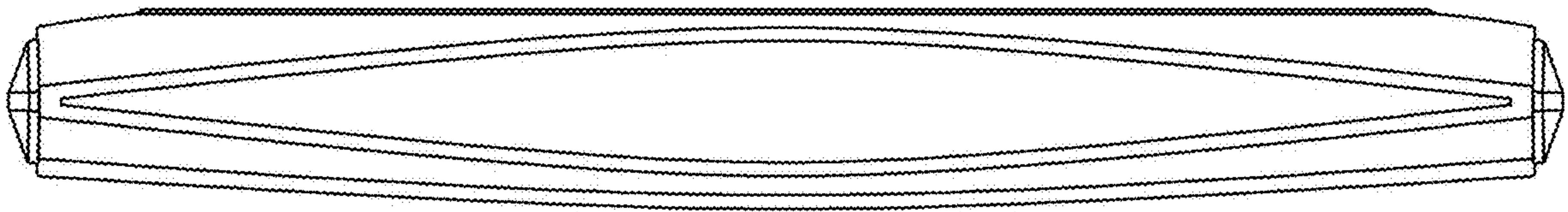
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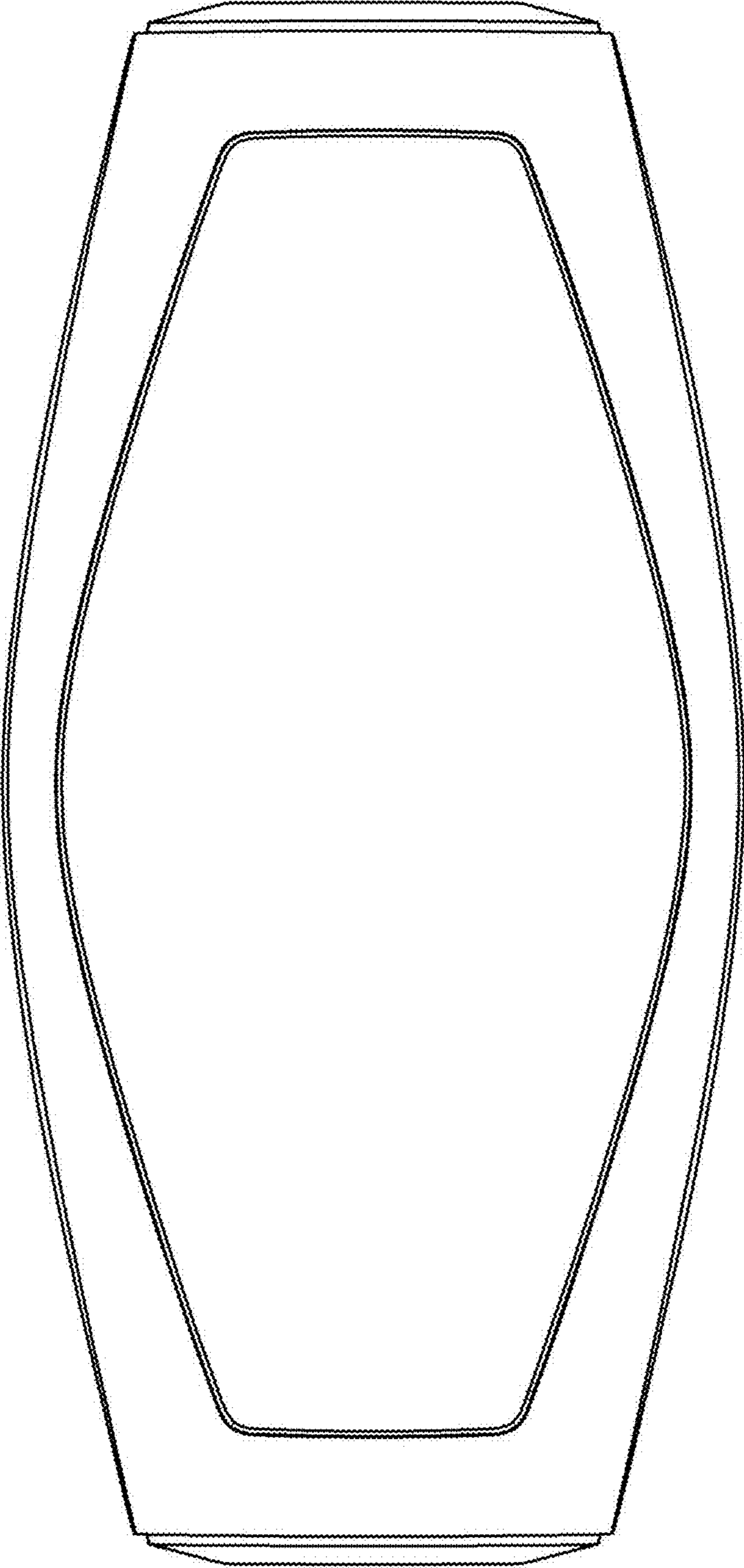
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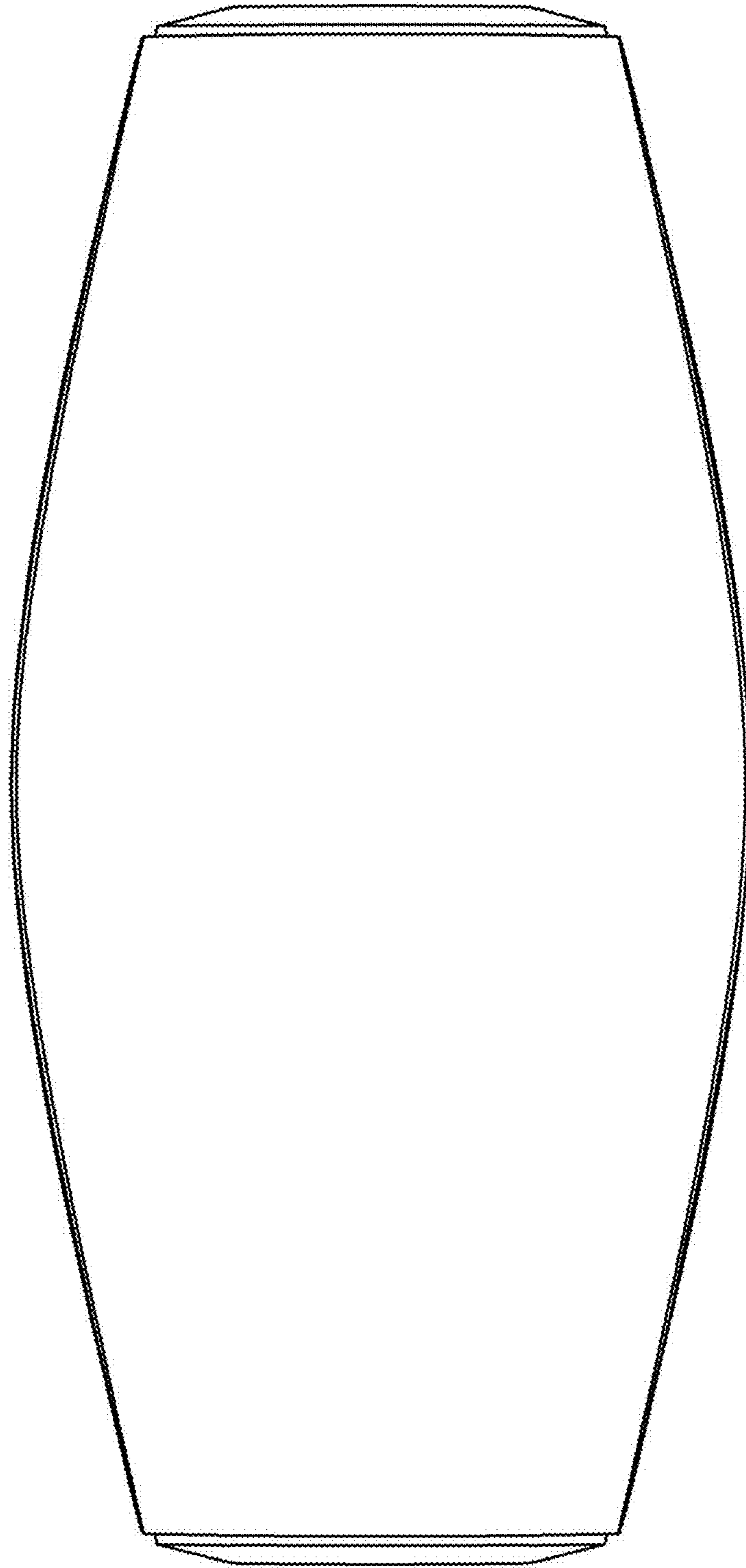
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1.6



1.7



1.8

