

US00D809113S

(12) **United States Design Patent** (10) **Patent No.:** **US D809,113 S**
Cho et al. (45) **Date of Patent:** **** Jan. 30, 2018**

(54) **AIR PURIFIER**

46/20; F02M 35/04; F24F 13/20; A62B
21/00

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

See application file for complete search history.

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(Continued)

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

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

Primary Examiner — Keli L Hill

(21) Appl. No.: **35/501,906**

(74) *Attorney, Agent, or Firm* — Birch, Stewart, Kolasch & Birch, LLP

(22) Filed: **May 12, 2016**

(57) **CLAIM**

The ornamental design for an air purifier, as shown and described.

(80) **Hague Agreement Data**

DESCRIPTION

Int. Filing Date: **May 12, 2016**

Int. Reg. No.: **DM/091970**

Int. Reg. Date: **May 12, 2016**

Int. Reg. Pub. Date: **Nov. 18, 2016**

(30) **Foreign Application Priority Data**

Dec. 4, 2015 (KR) 30-2015-0061994

(51) **LOC (11) Cl.** **23-04**

(52) **U.S. Cl.**

USPC **D23/364**

(58) **Field of Classification Search**

USPC D23/355, 356, 359, 364, 370, 386

CPC A61L 9/00; A61L 9/02; A61L 9/03; A61L

9/034; A61L 9/04; A61L 9/12; A61L

9/032; A61L 9/122; A61L 9/127; A61L

9/22; B01D 46/00; B01D 46/0002; B01D

1. Air purifier

1.1 is a front perspective view of an air purifier with its discharge parts fully opened.

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 second front perspective view thereof, with its discharge parts rotated inward and halfway closed.

1.9 is a front elevation view thereof.

1.10 is a right side elevation view thereof.

1.11 is a top plan view thereof.

1.12 is a third front perspective view thereof, with its discharge parts fully closed.

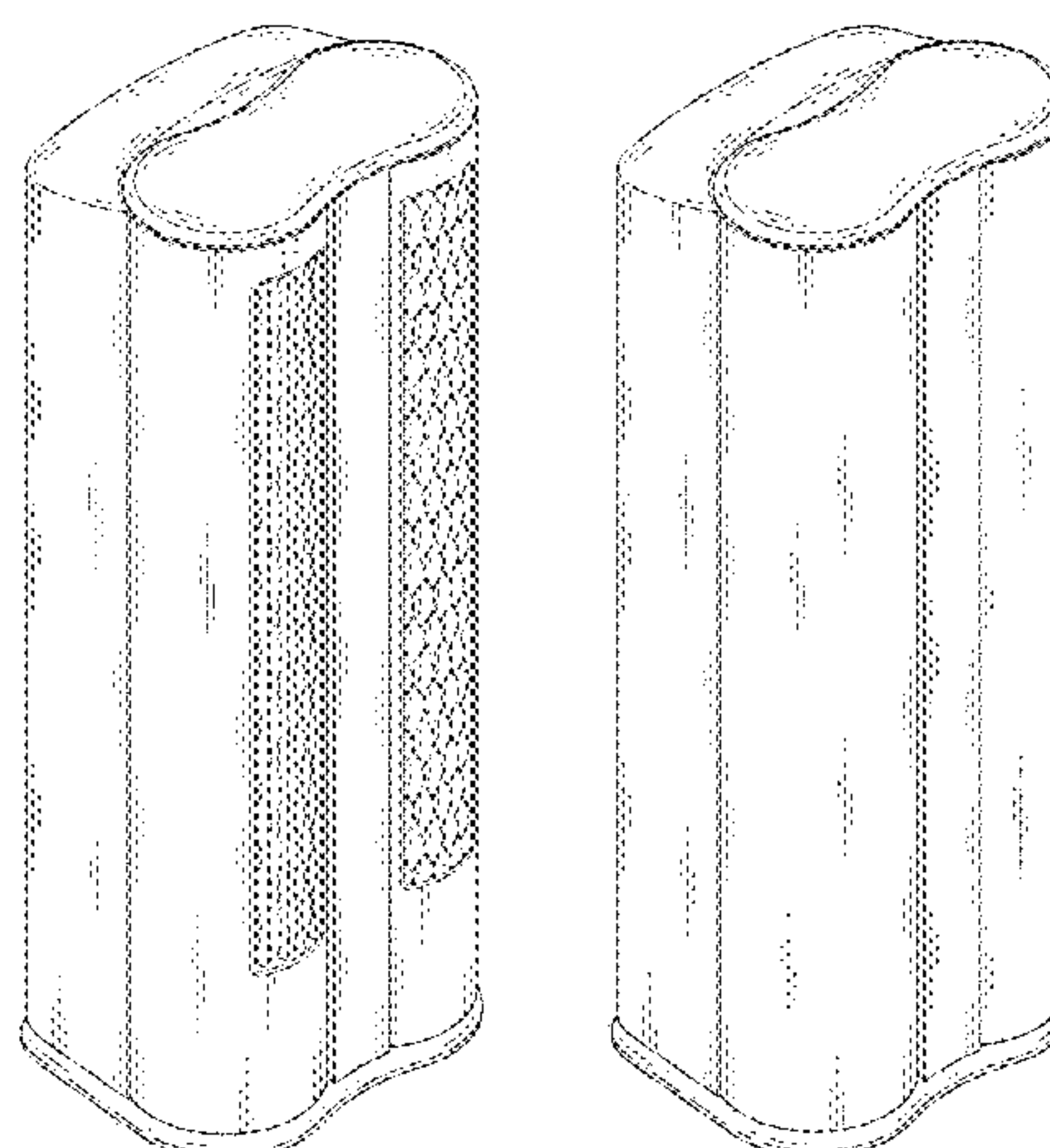
1.13 is a front elevation view thereof.

1.14 is a right side elevation view thereof.

1.15 is a top plan view thereof.

1.16 is an alternate top plan view thereof shown in use.

(Continued)



The broken lines shown are included for the purpose of illustrating portions of the air purifier that form no part of the claim.

The broken line showing of various symbols seen in **1.16** is included for the purpose of illustrating environment and forms no part of the claimed design.

1 Claim, 16 Drawing Sheets

(56)

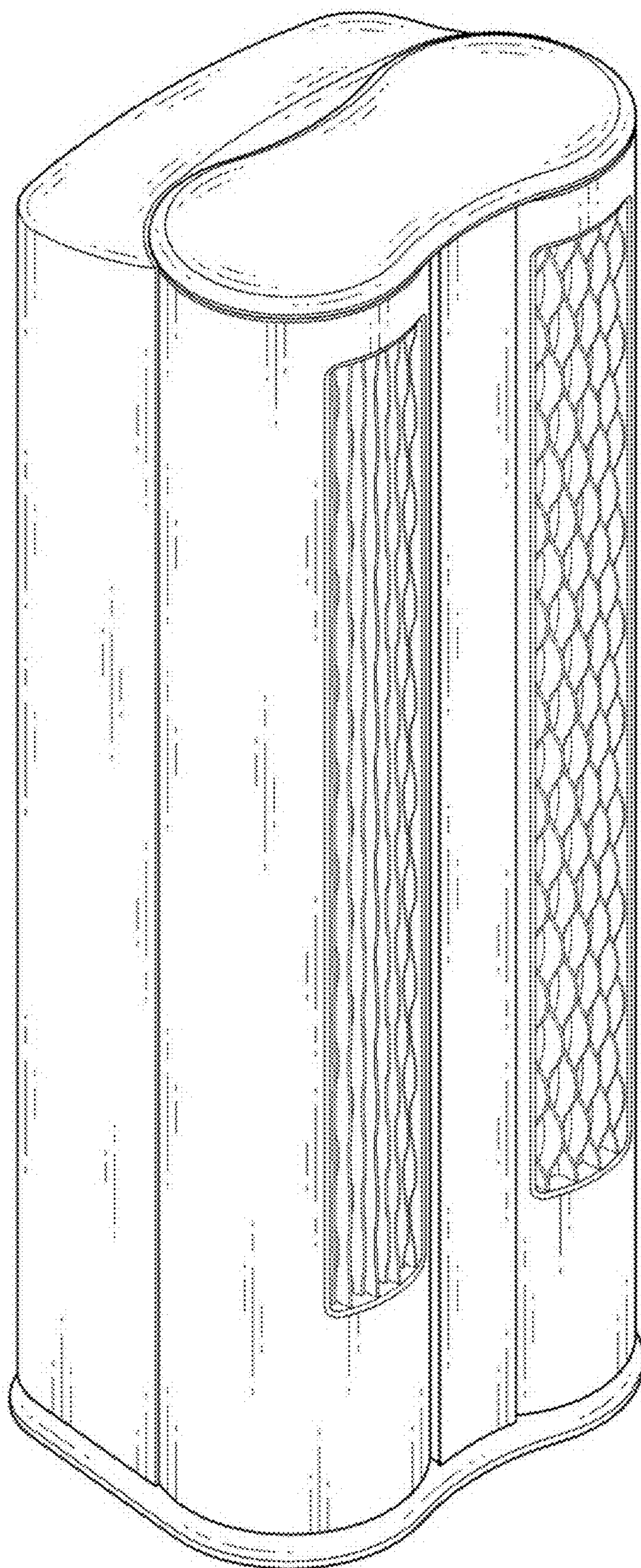
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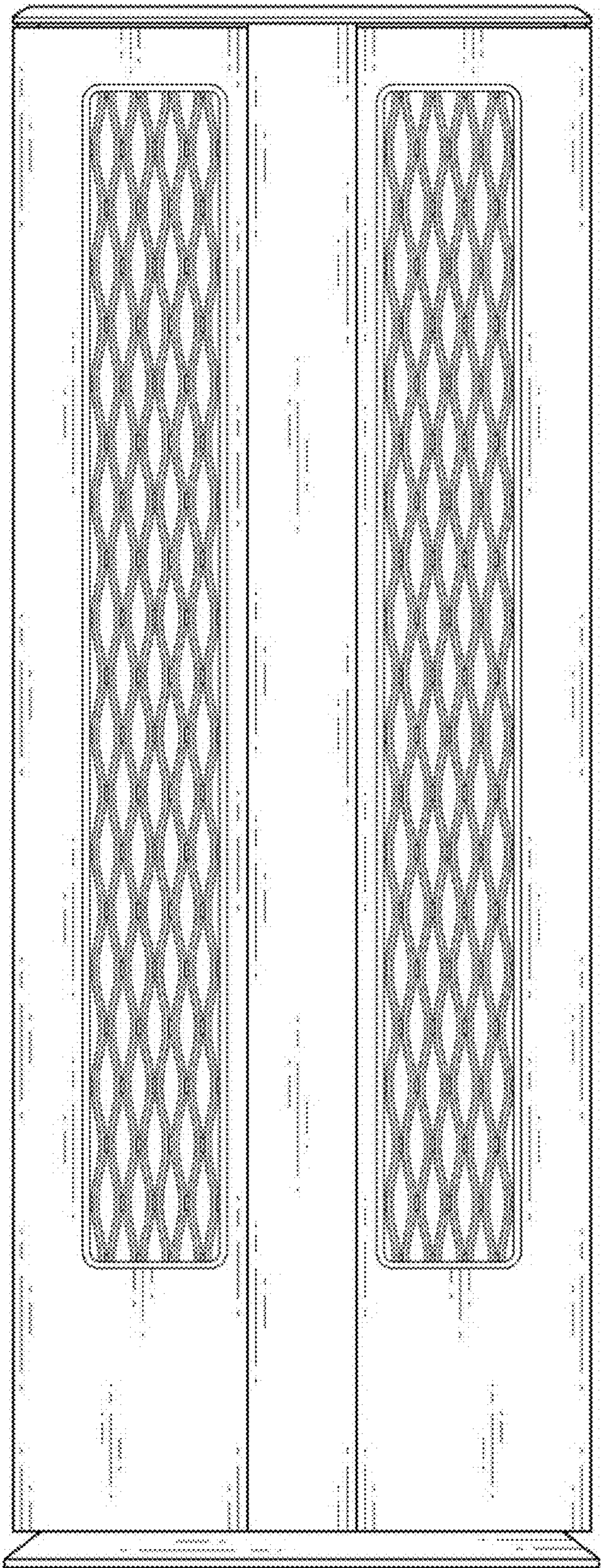
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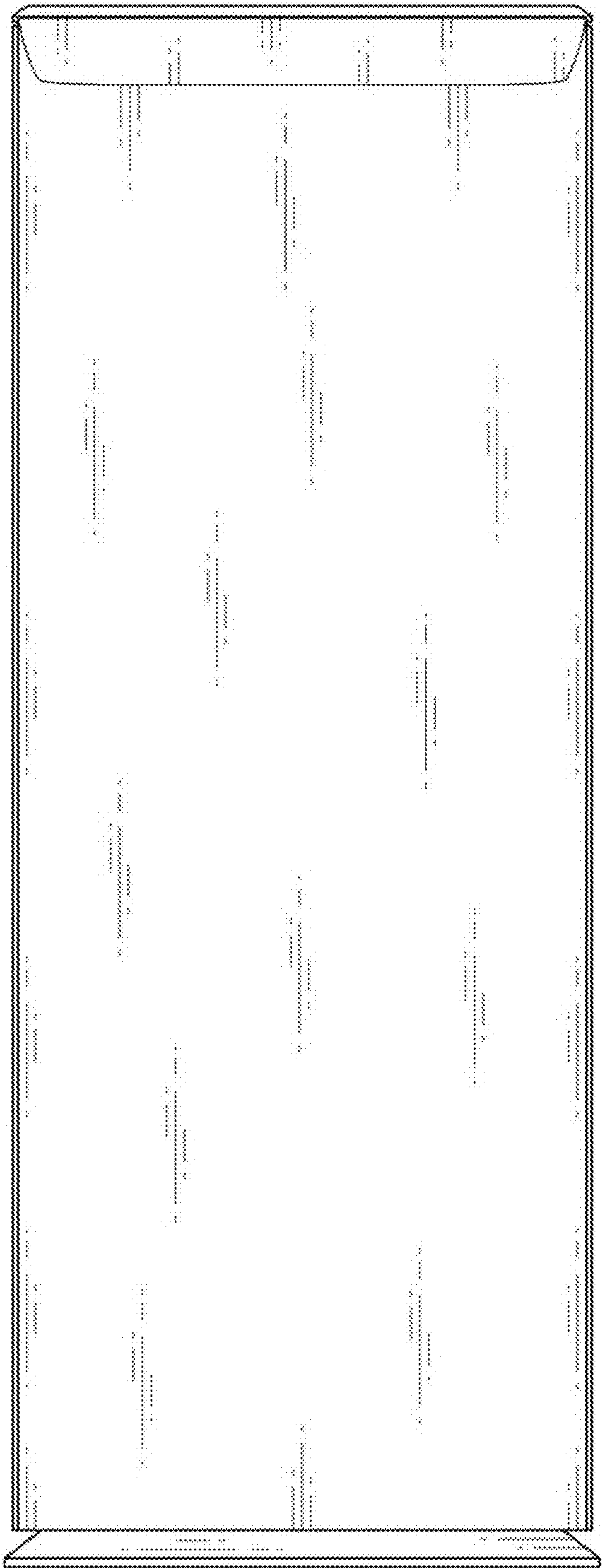
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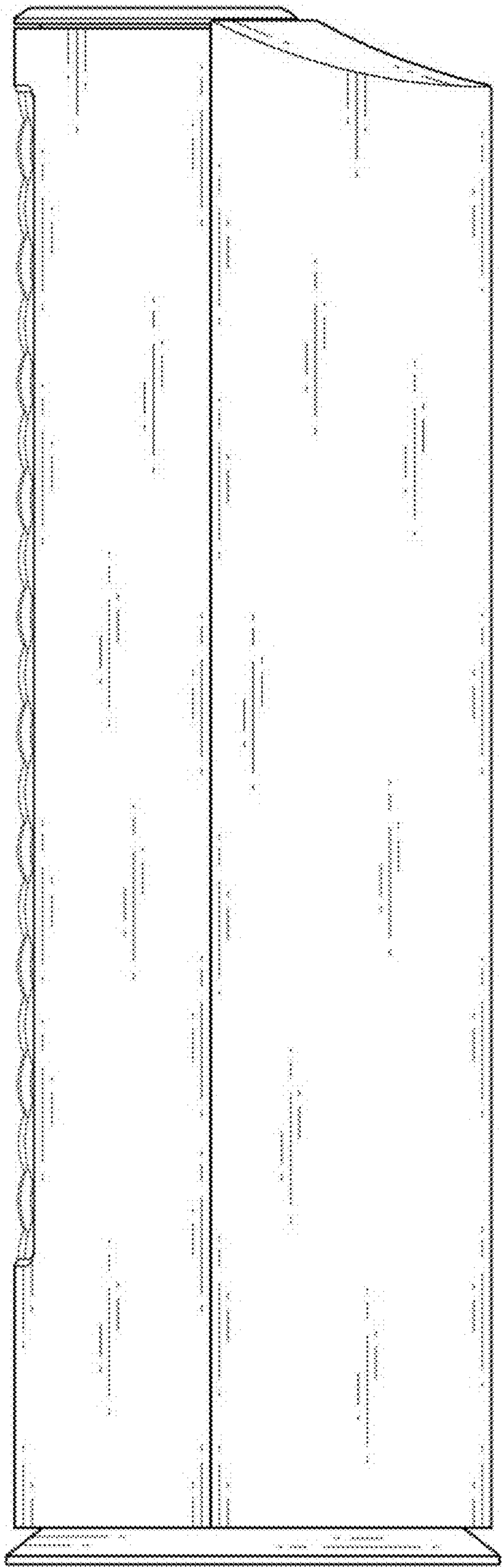
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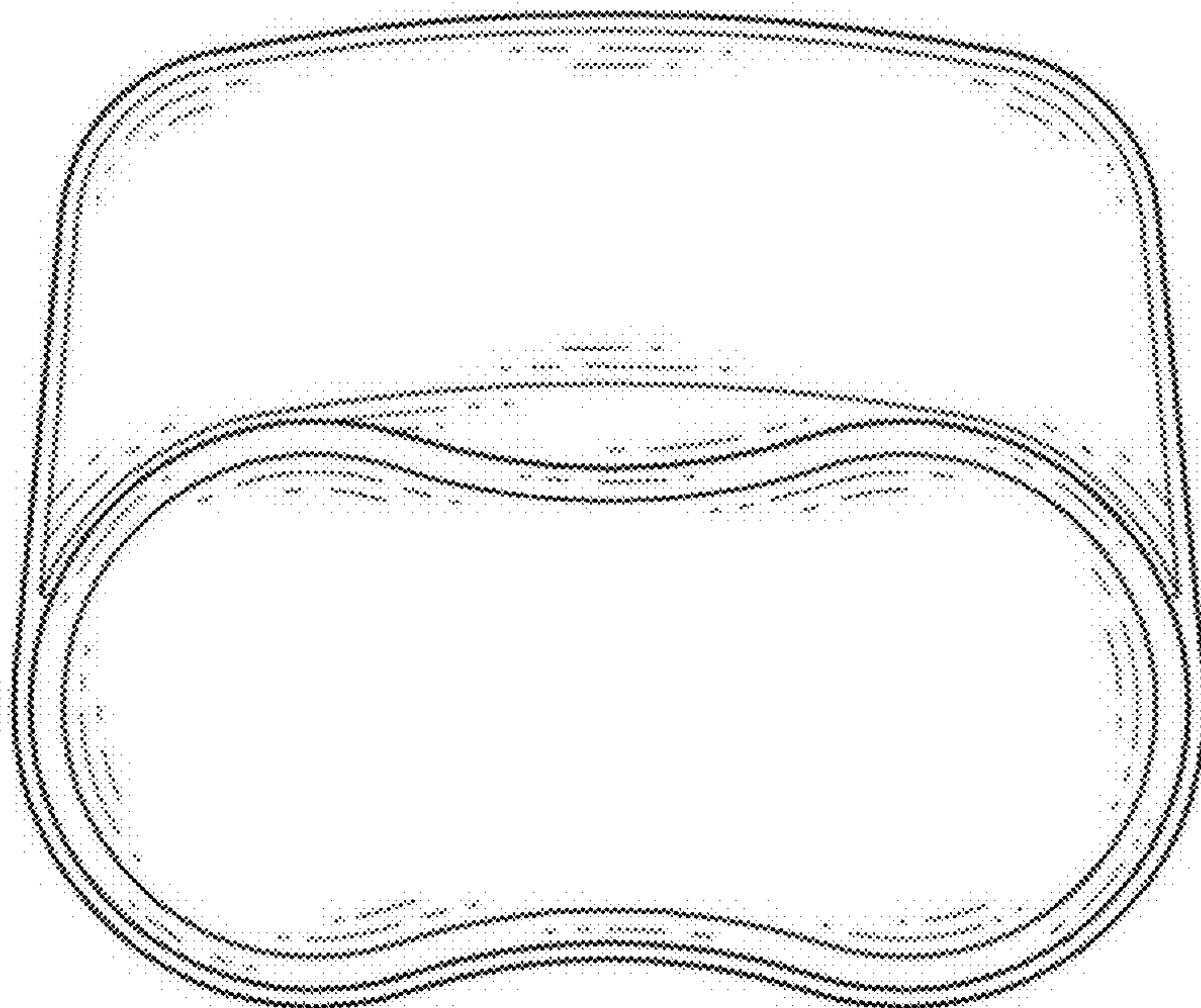
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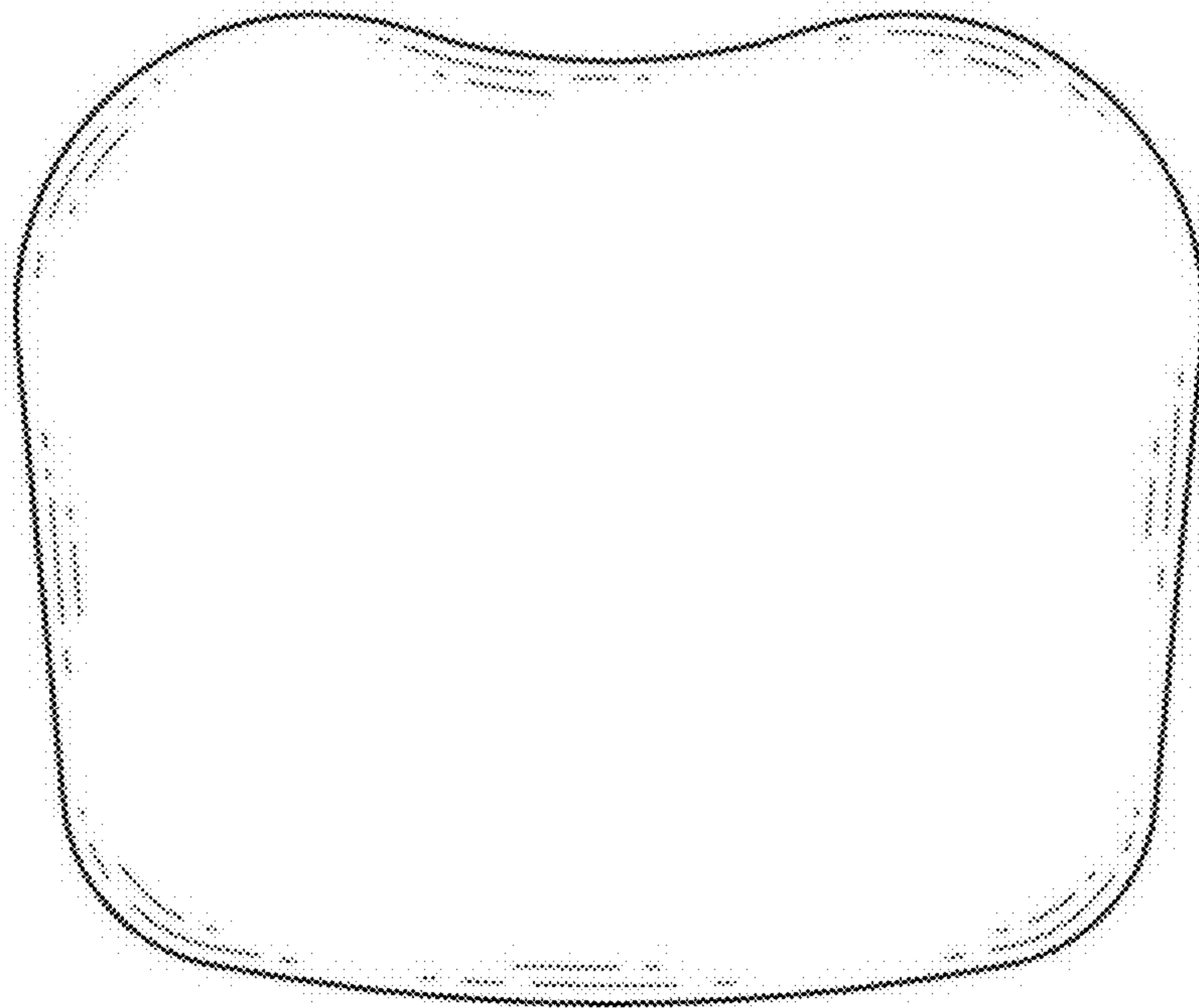
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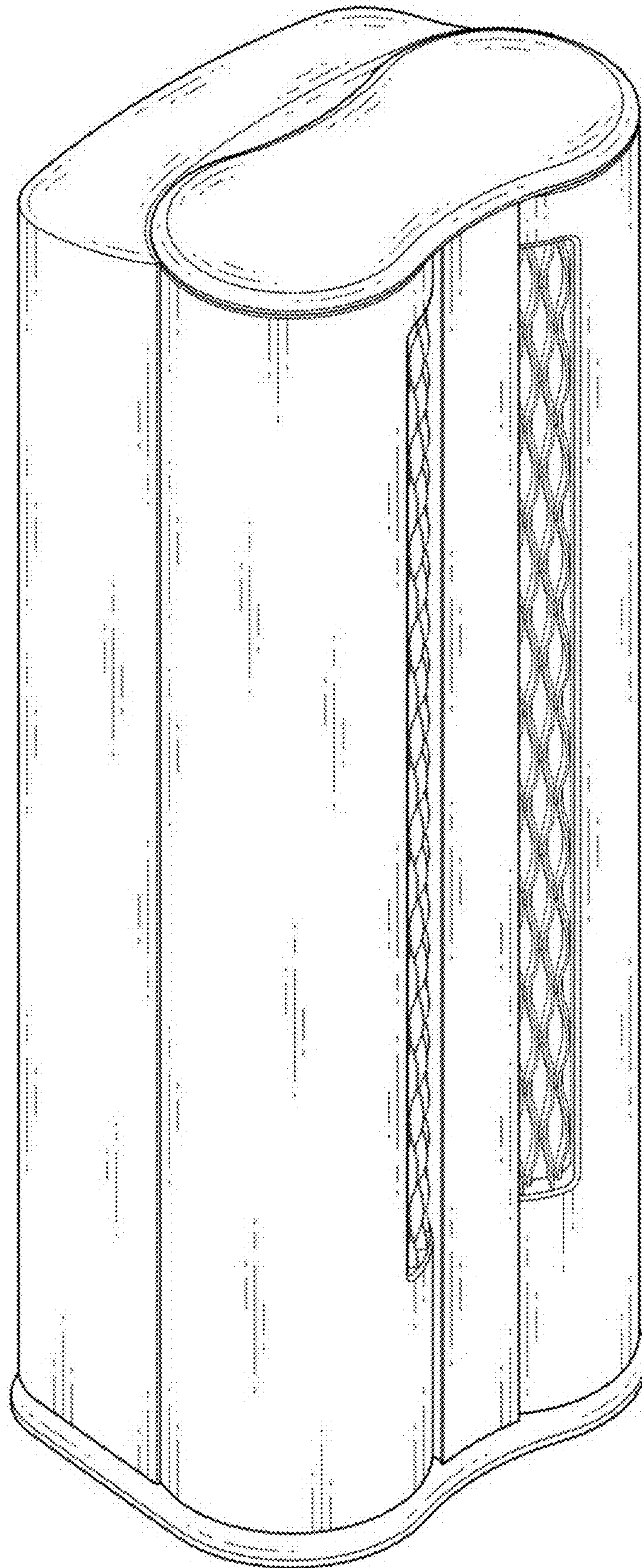
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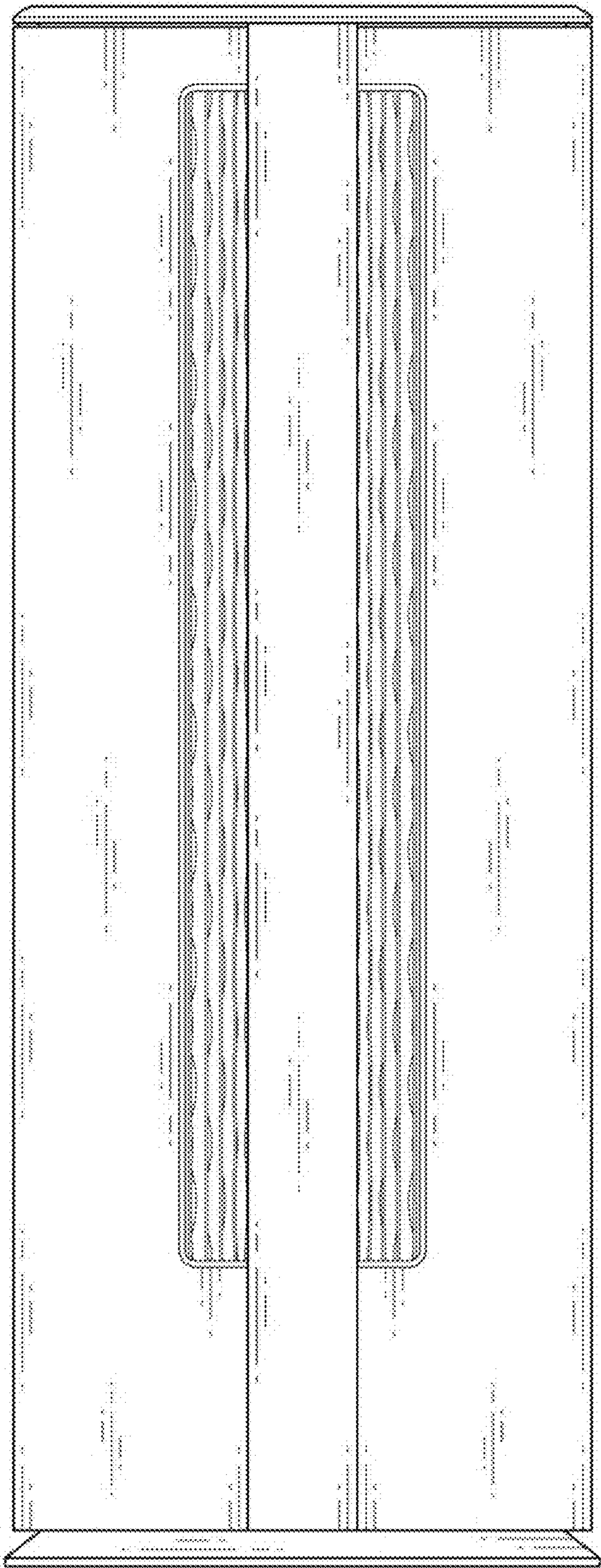
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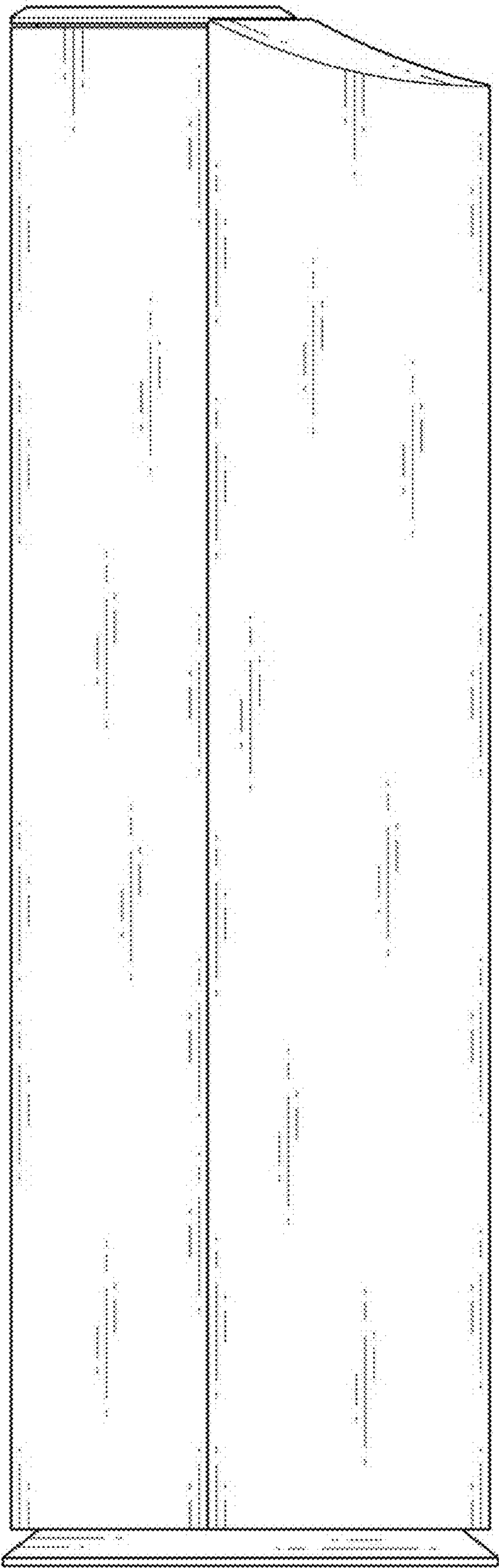
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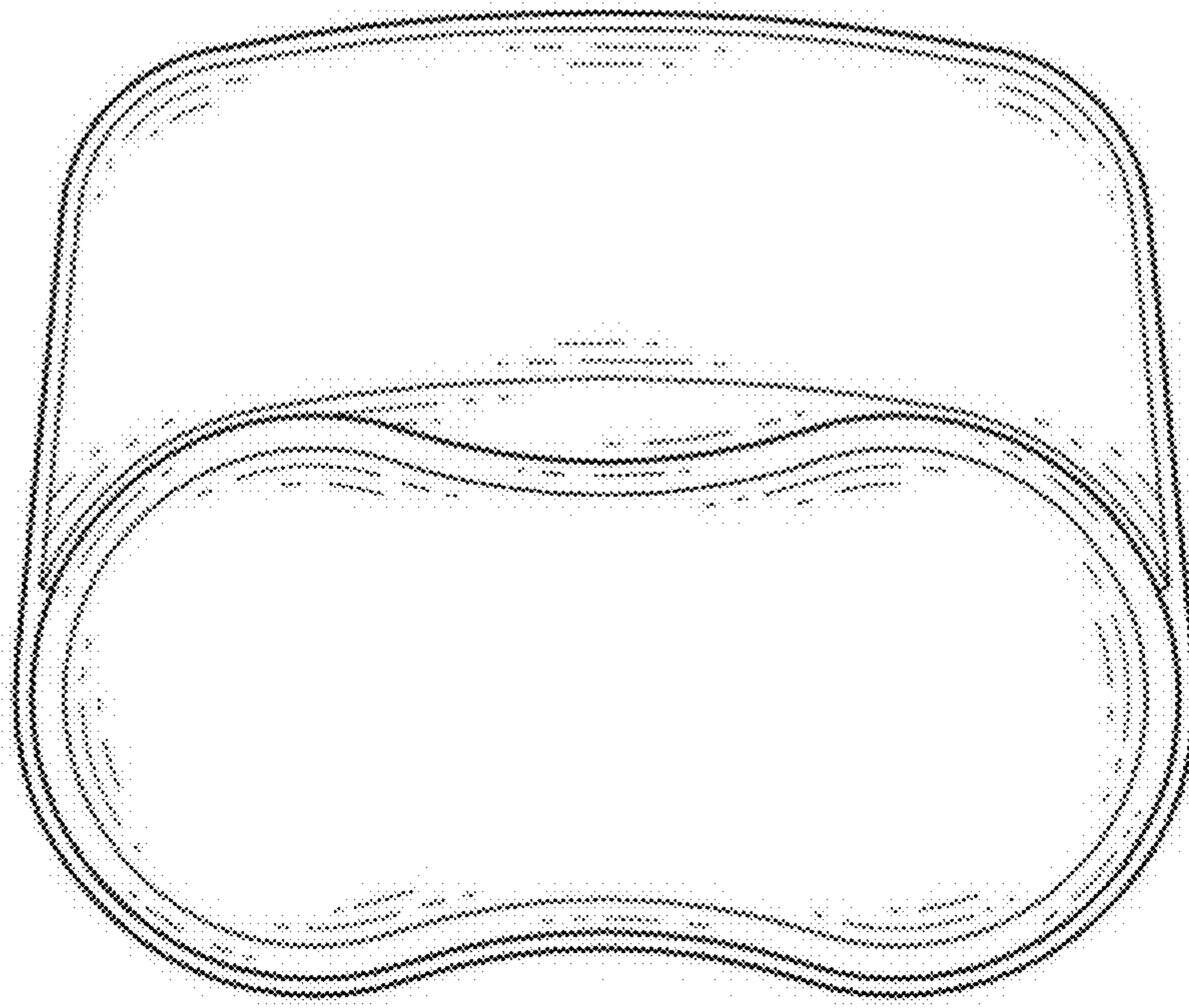
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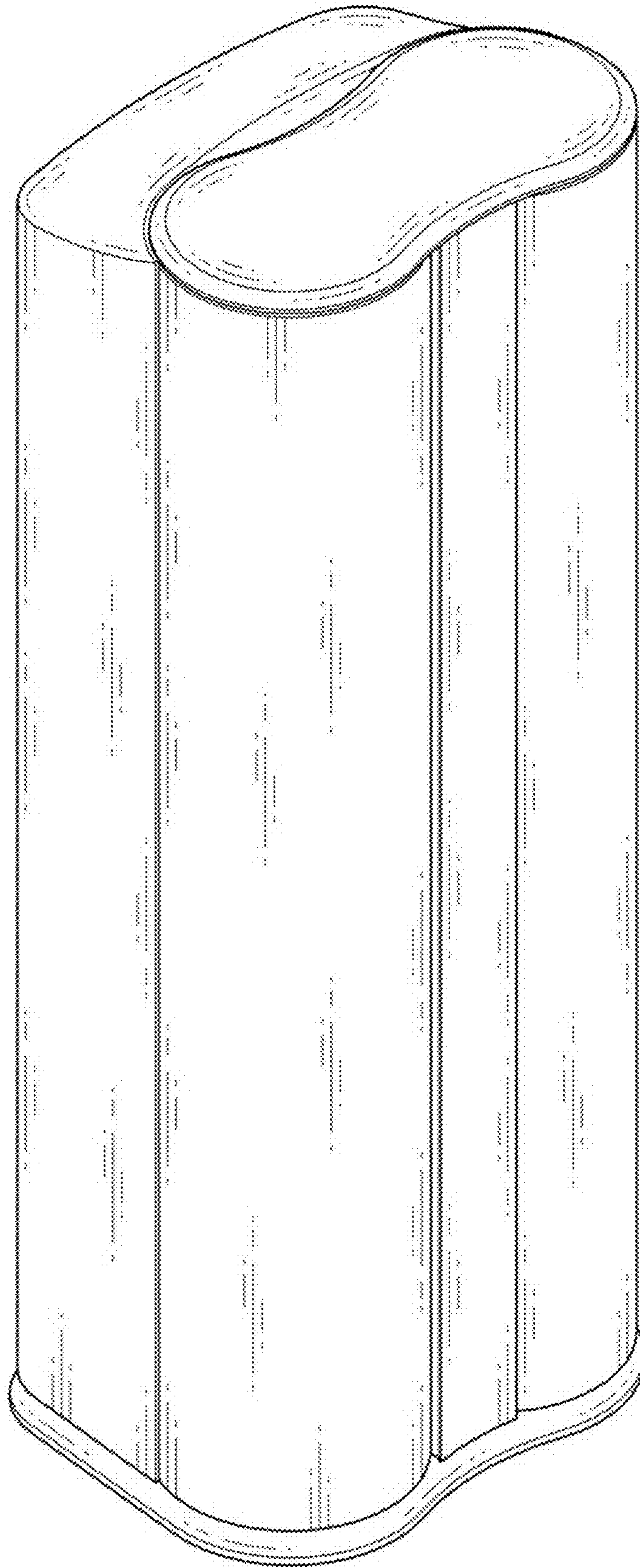
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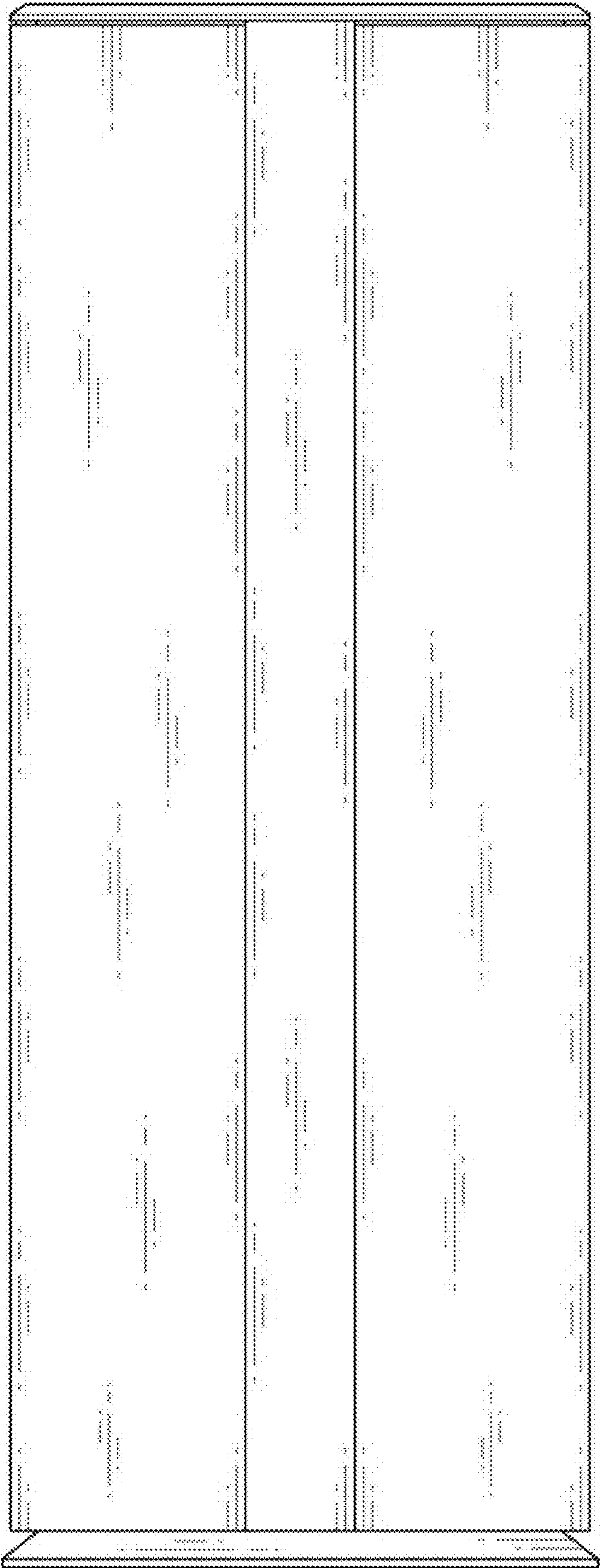
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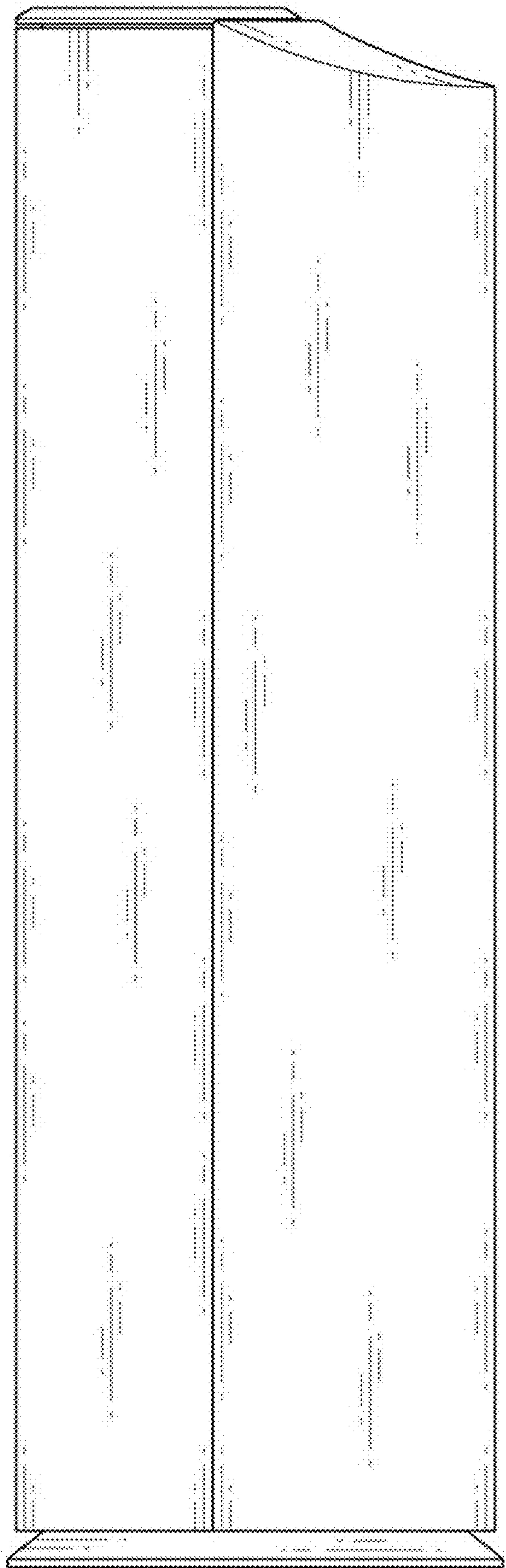
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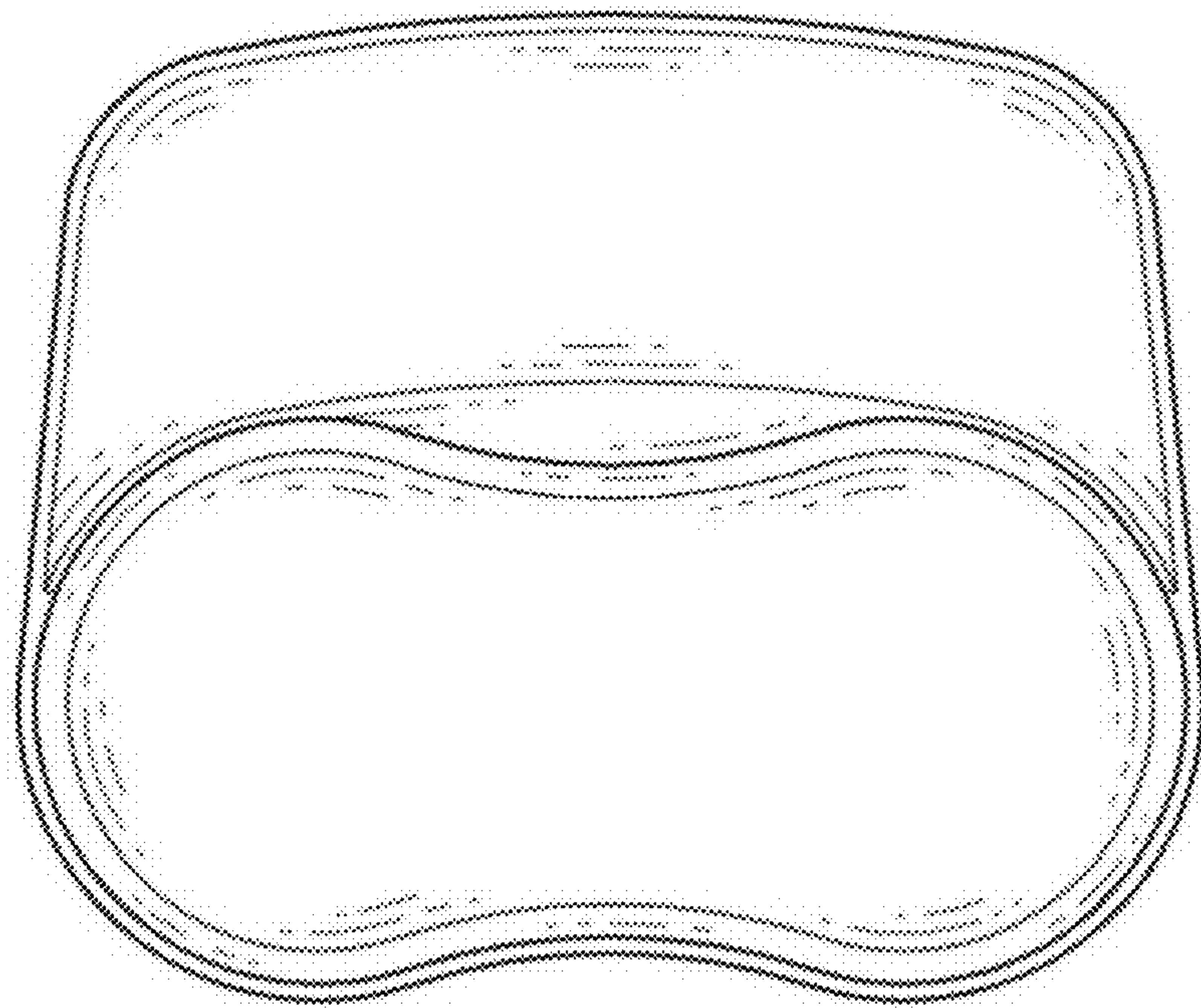
1.13



1.14



1.15



1.16

