

US00D865932S

(12) **United States Design Patent** (10) **Patent No.:** **US D865,932 S**
Ha et al. (45) **Date of Patent:** **** Nov. 5, 2019**

(54) **HUMIDIFYING AIR PURIFIER**

1/0035; F24F 1/005; F24F 1/38; F24F 2003/0446; F24F 2003/144; F24F 2003/1617; F24F 2006/006; F24F 2006/065; F24F 2011/002; F24F 2110/20; F24F 2110/50; F24F

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(72) Inventors: **Jiug Ha**, Seoul (KR); **Huijae Kwon**, Seoul (KR); **Seungho Baek**, Seoul (KR); **Minha Lee**, Seoul (KR)

(Continued)

(56)

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(73) Assignee: **LG ELECTRONICS INC.**, Seoul (KR)

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

(Continued)

(21) Appl. No.: **35/505,773**

Primary Examiner — Khawaja Anwar

(22) Filed: **Mar. 22, 2018**

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

(80) **Hague Agreement Data**

Int. Filing Date: **Mar. 22, 2018**

Int. Reg. No.: **DM/100528**

Int. Reg. Date: **Mar. 22, 2018**

Int. Reg. Pub. Date: **Sep. 28, 2018**

(57)

CLAIM

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

(30) **Foreign Application Priority Data**

DESCRIPTION

Sep. 27, 2017 (KR) 30-2017-0045638

(51) **LOC (12) Cl.** **23-04**

(52) **U.S. Cl.**
USPC **D23/356**

(58) **Field of Classification Search**
USPC D23/355-366, 369, 332, 352, 333, 335, D23/336, 342, 351

CPC .. F24F 11/30; F24F 11/46; F24F 11/56; F24F 11/52; F24F 2110/00; F24F 11/58; F24F 11/62; F24F 2110/10; F24F 2140/60; F24F 11/61; F24F 11/63; F24F 2120/10; F24F 2120/20; F24F 11/83; F24F 11/89; F24F 2110/12; F24F 11/0001; F24F 11/32; F24F 11/39; F24F 11/47; F24F 11/523; F24F 11/64; F24F 11/81; F24F 11/85; F24F 13/04; F24F 13/065; F24F 1/0003; F24F 1/0014; F24F 1/0033; F24F

1. Humidifying air purifier

1.1 : Perspective

1.2 : Front

1.3 : Back

1.4 : Left

1.5 : Right

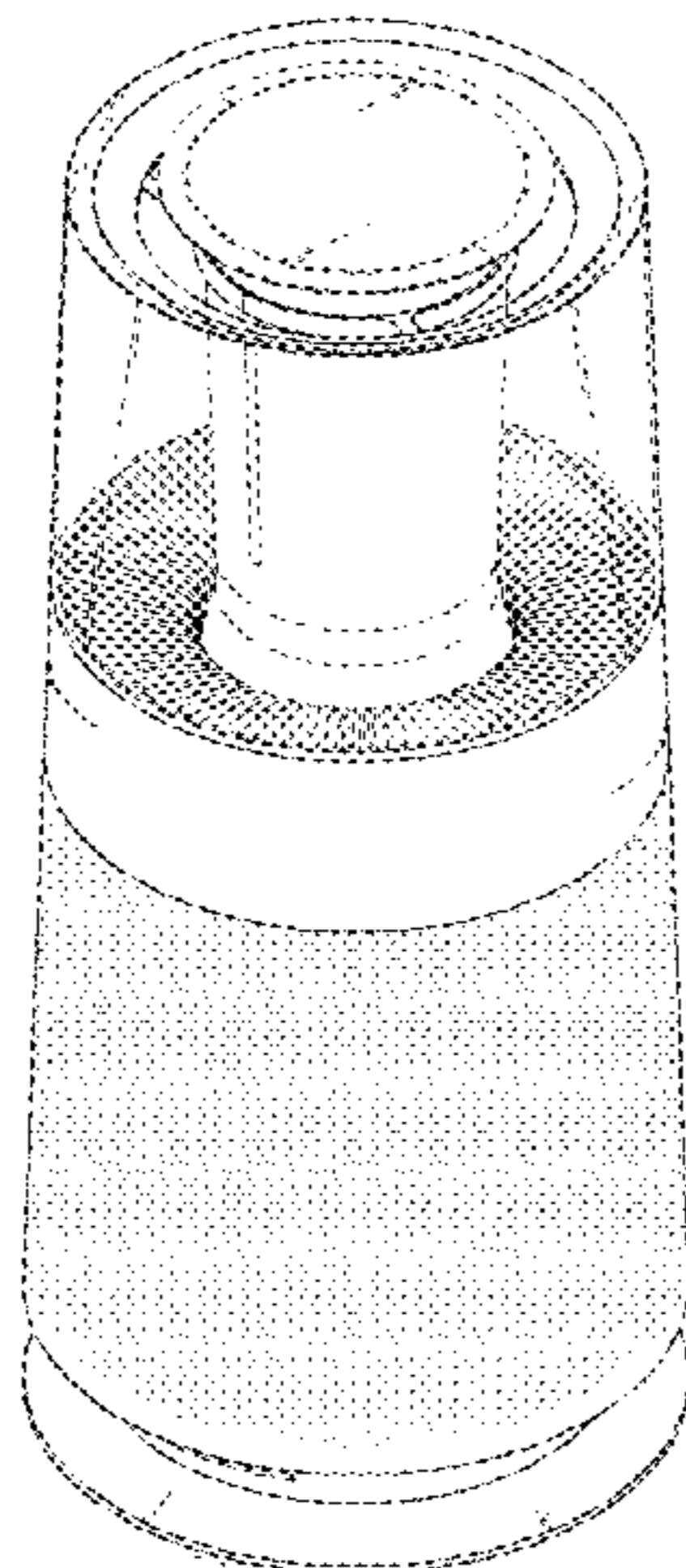
1.6 : Top

1.7 : Bottom

1.8 : Exploded

The broken lines depict portions of the humidifying air purifier that form no part of the claimed design; reproduction **1.1** is a front perspective view of the humidifying air purifier; reproduction **1.2** is a front view thereof; reproduction **1.3** is a back view thereof; reproduction **1.4** is a left view thereof; reproduction **1.5** is a right view thereof; reproduction **1.6** is a top view thereof; reproduction **1.7** is a bottom

(Continued)



view thereof; reproduction 1.8 is an exploded view showing a state in which the upper humidifying part is separated from the lower air purifying part.

1 Claim, 8 Drawing Sheets

(58) **Field of Classification Search**

CPC 2120/12; F24F 2130/00; F24F 2130/10;
F24F 2130/40; F24F 2140/10; F24F
2140/40; F24F 2221/32; F24F 3/001;
F24F 3/044; F24F 3/14; F24F 3/1417;
F24F 3/1603; F24F 5/001; F24F 6/06;
F24F 6/10; F24F 6/12; F24F 6/16

See application file for complete search history.

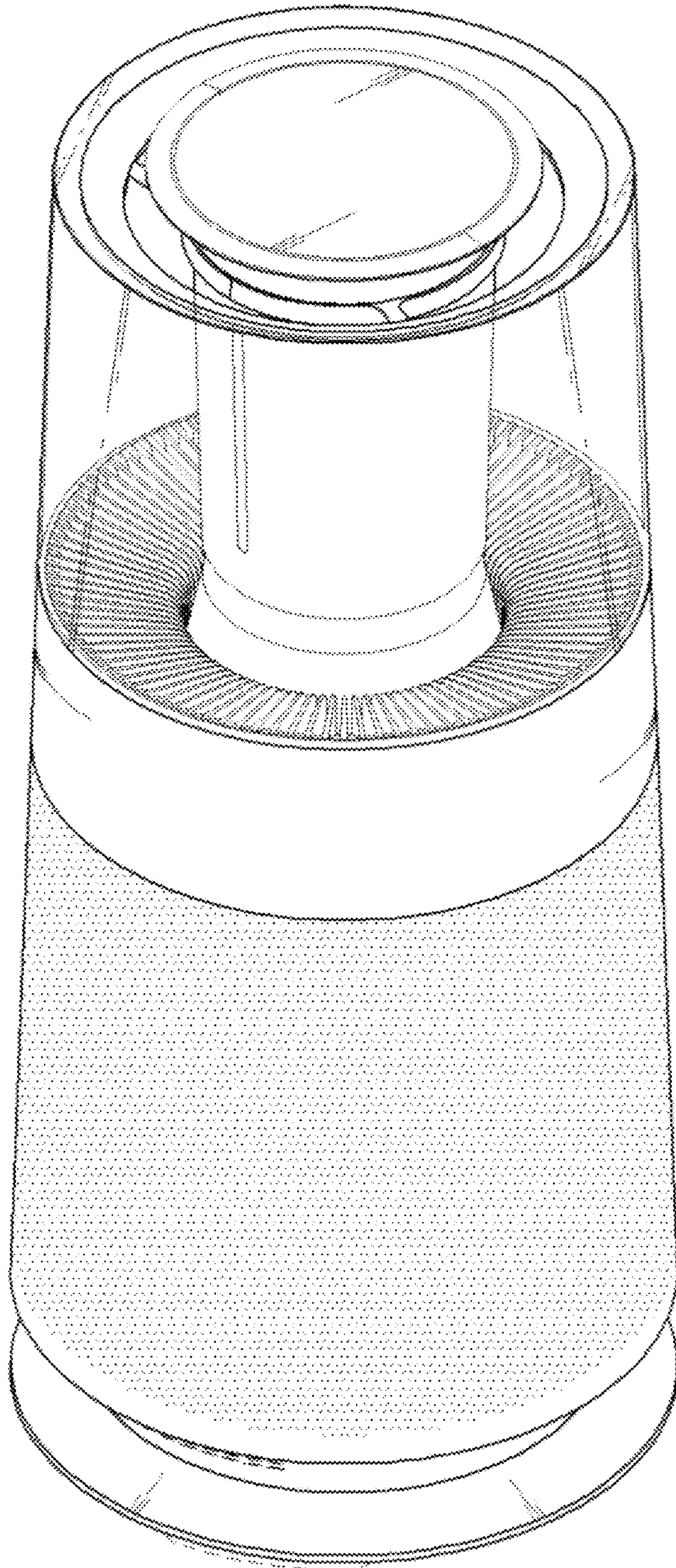
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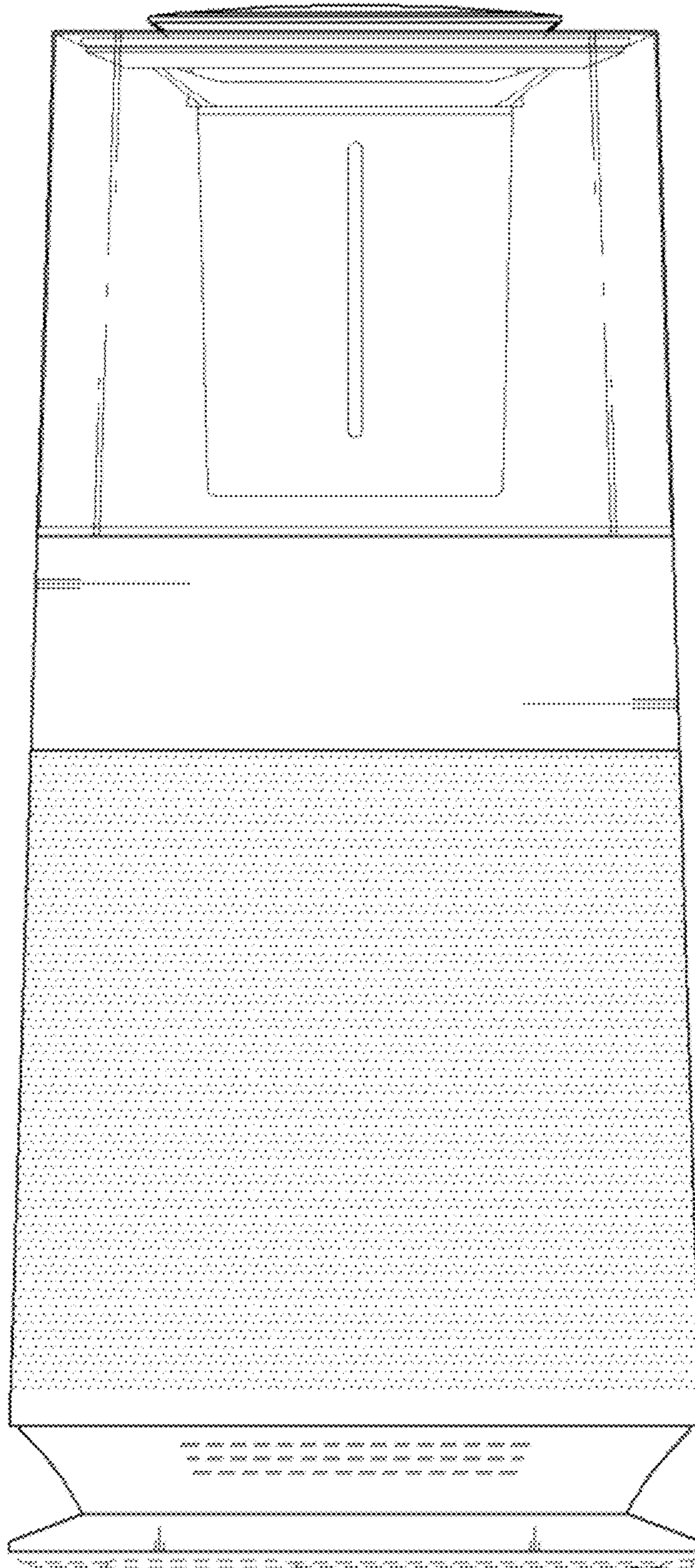
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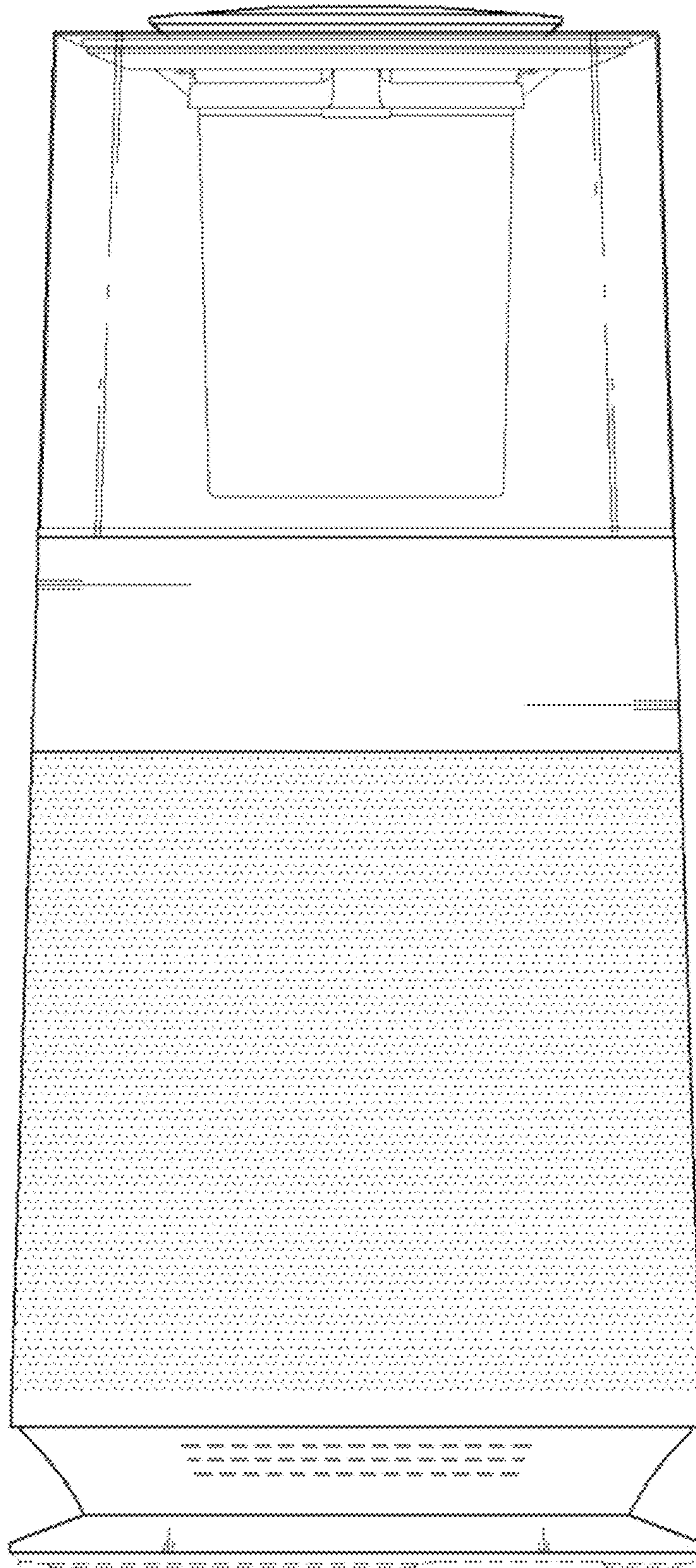
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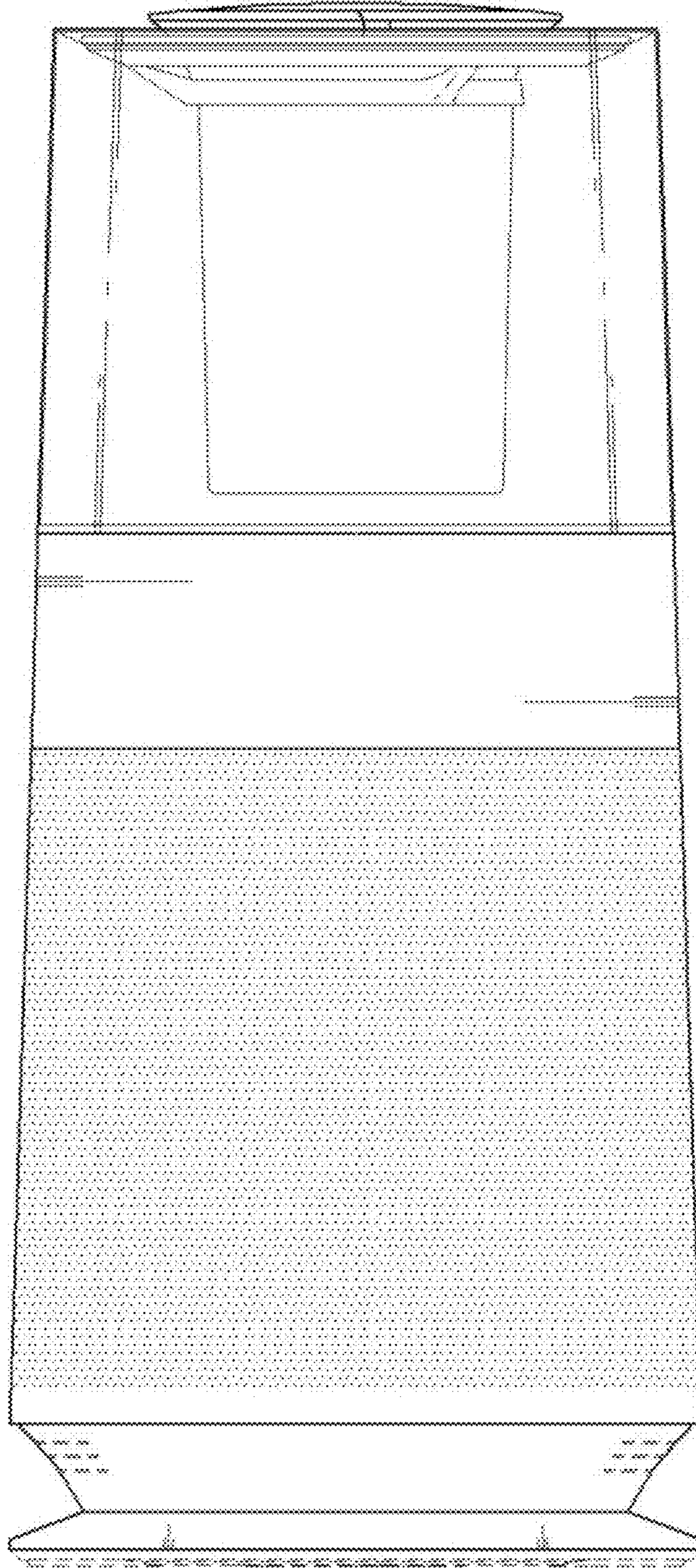
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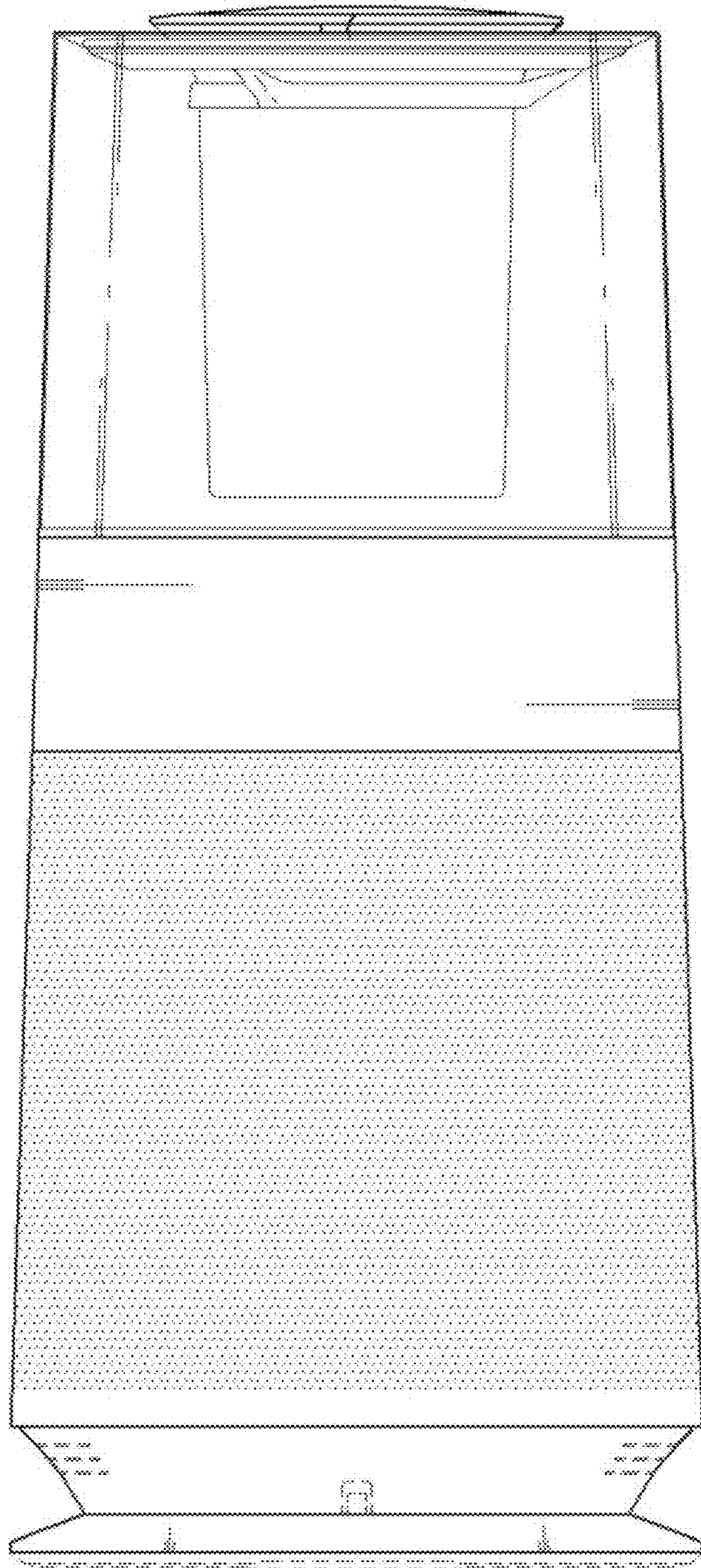
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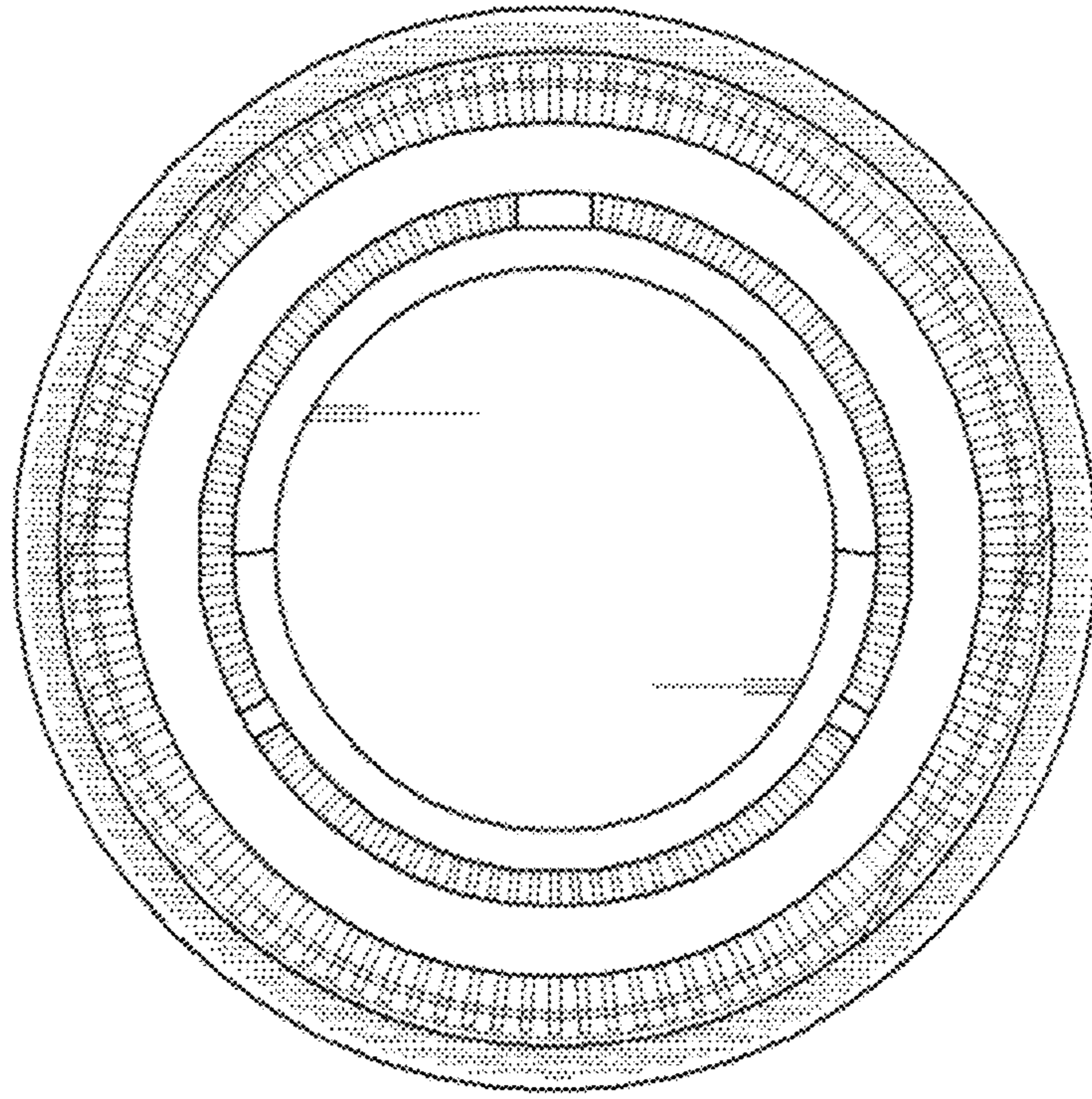
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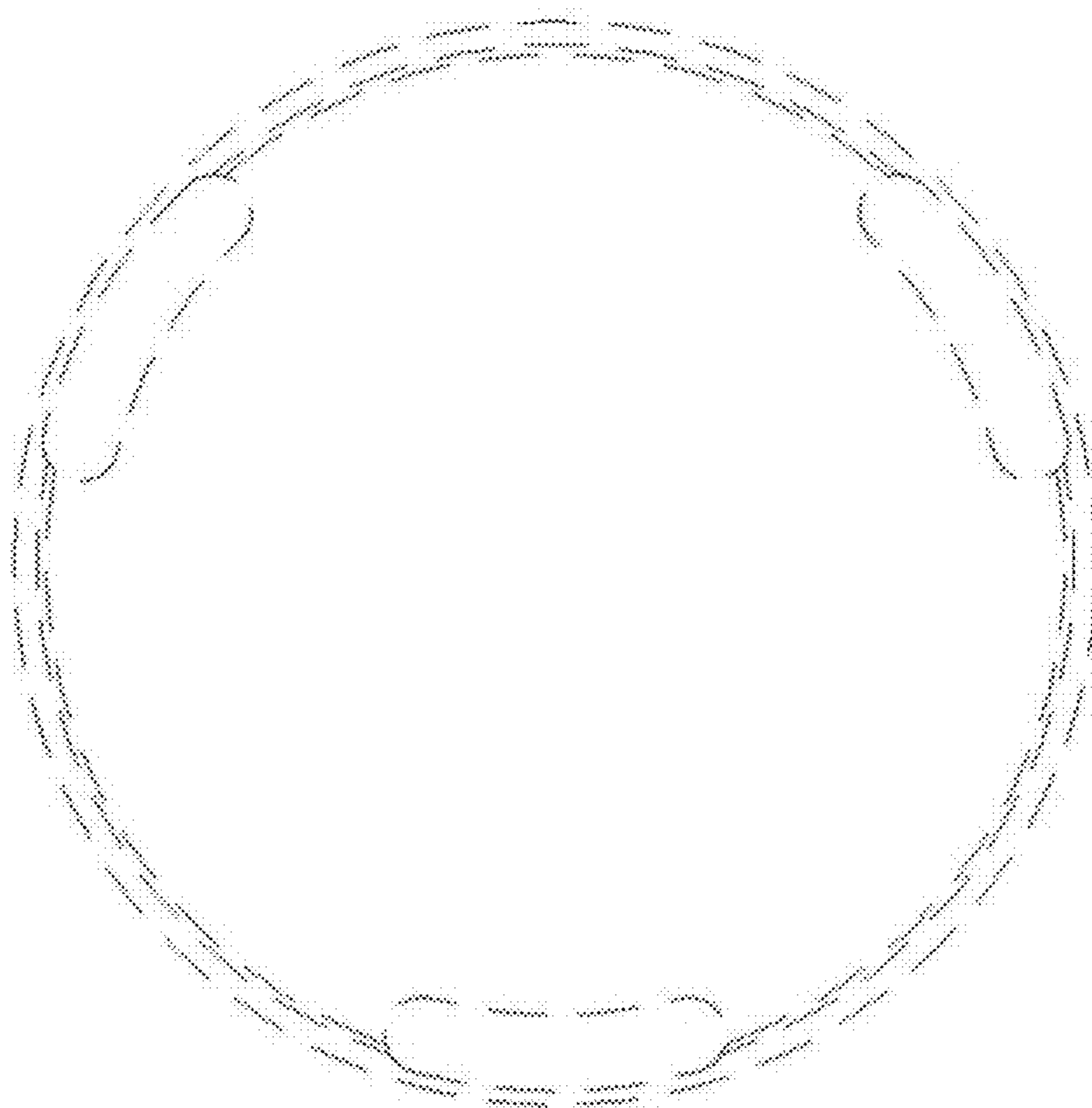
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1.6



1.7



1.8

