



US00D831810S

(12) **United States Design Patent** (10) **Patent No.:** **US D831,810 S**
Cho et al. (45) **Date of Patent:** ** Oct. 23, 2018

(54) **AIR PURIFIER**(71) Applicant: **LG ELECTRONICS INC.**, Seoul
(KR)(72) Inventors: **Kyeongchul Cho**, Seoul (KR);
Seungho Baek, Seoul (KR); **Yoojeung Han**, Seoul (KR); **Chinsoo Hyon**, Seoul (KR)(73) Assignee: **LG ELECTRONICS INC.**, Seoul
(KR)(**) Term: **15 Years**(21) Appl. No.: **35/502,838**(22) Filed: **Oct. 19, 2016**(80) **Hague Agreement Data**Int. Filing Date: **Oct. 19, 2016**Int. Reg. No.: **DM/093321**Int. Reg. Date: **Oct. 19, 2016**Int. Reg. Pub. Date: **Apr. 21, 2017**(30) **Foreign Application Priority Data**

Jun. 23, 2016 (KR) 30-2016-0030706

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

See application file for complete search history.

(56)

References Cited**U.S. PATENT DOCUMENTS**

D648,016	S	*	11/2011	Choi	D23/364
D648,429	S	*	11/2011	Choi	D23/364
D754,310	S	*	4/2016	Norman	D23/355
D773,027	S	*	11/2016	Hu	D23/365
D801,505	S	*	10/2017	Yin	D23/364

* cited by examiner

Primary Examiner — Keli L Hill

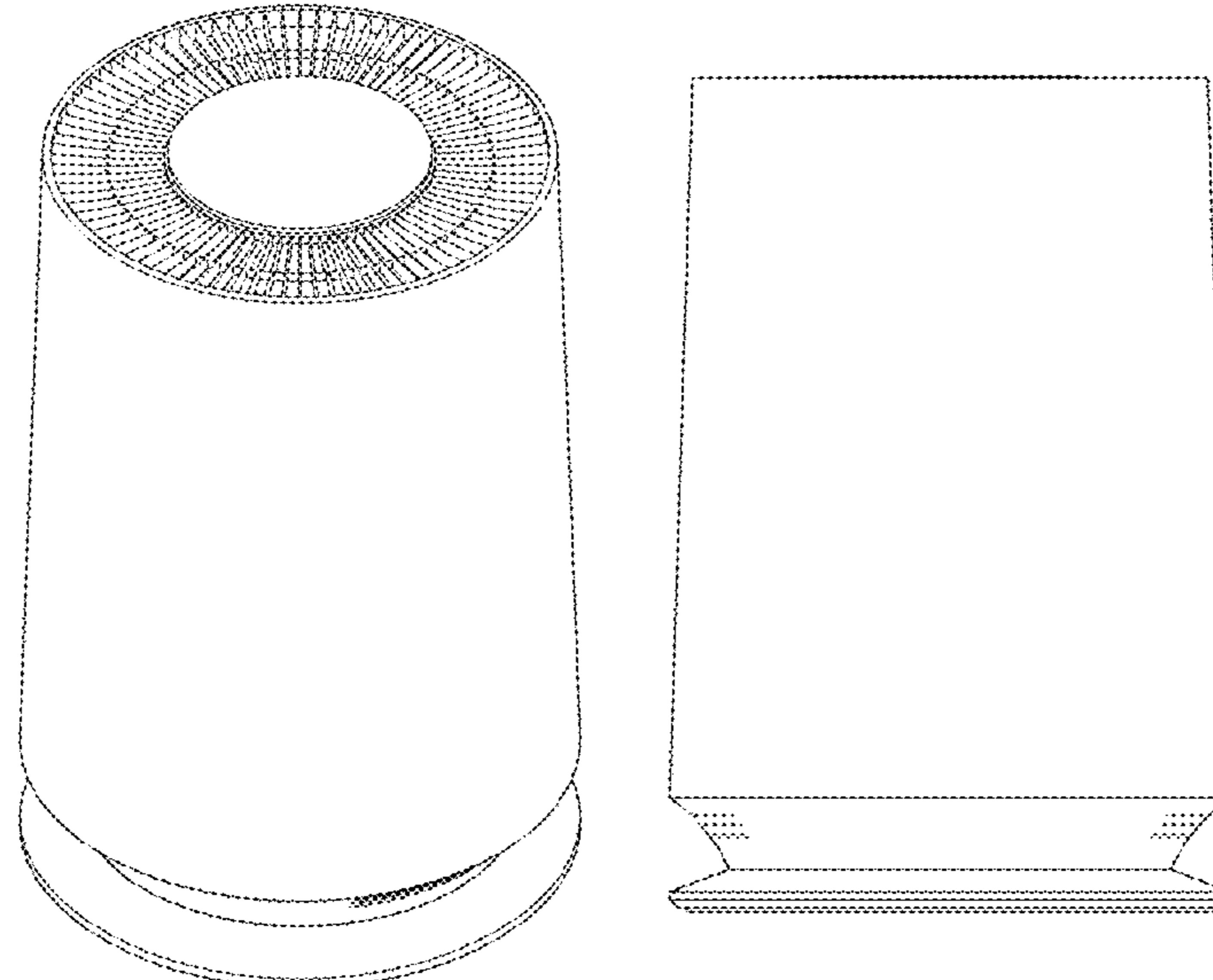
(74) Attorney, Agent, or Firm — Birch, Stewart, Kolasch & Birch, LLP

(57) **CLAIM**

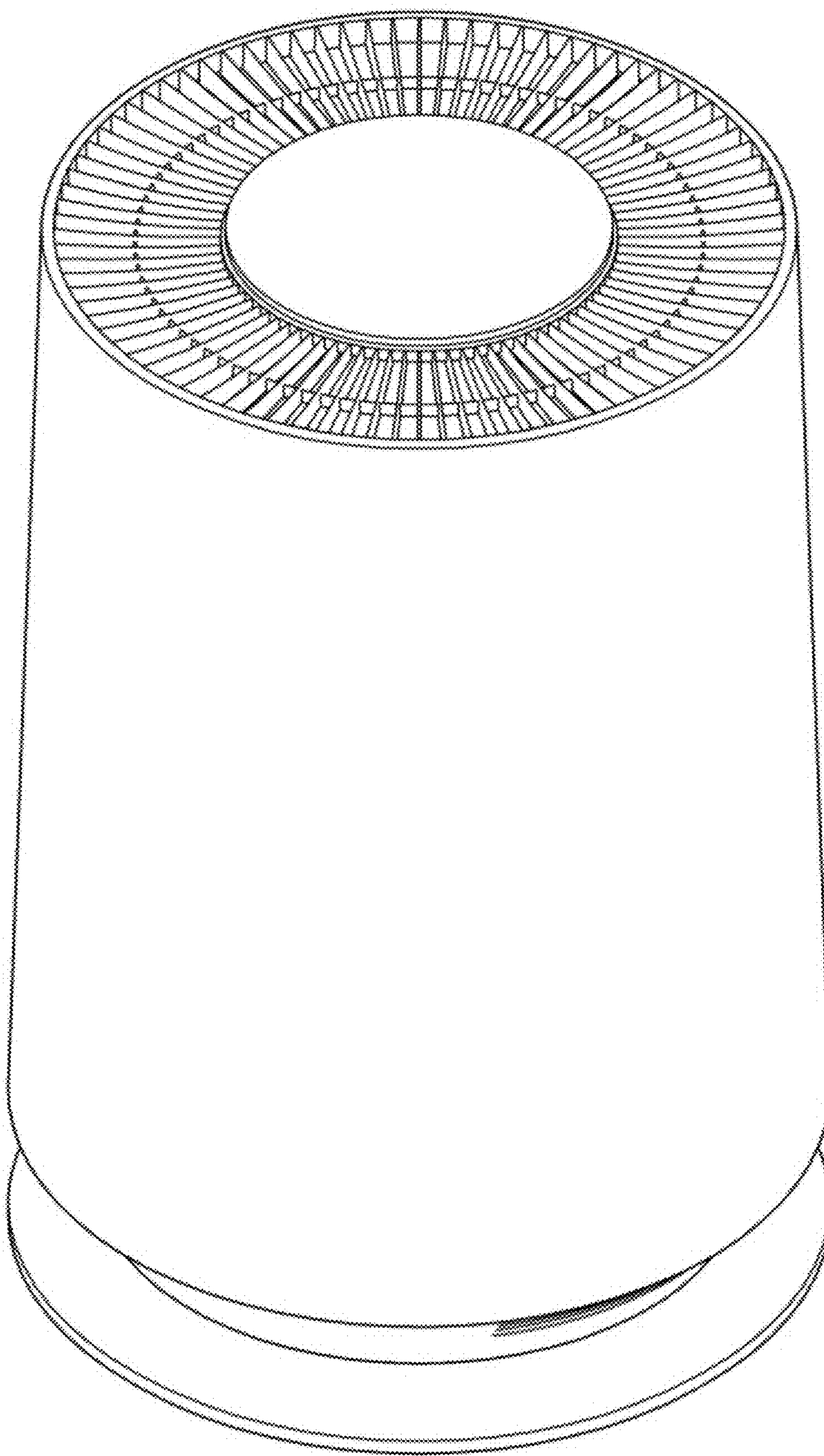
The ornamental design for an air purifier, as shown and described.

DESCRIPTION

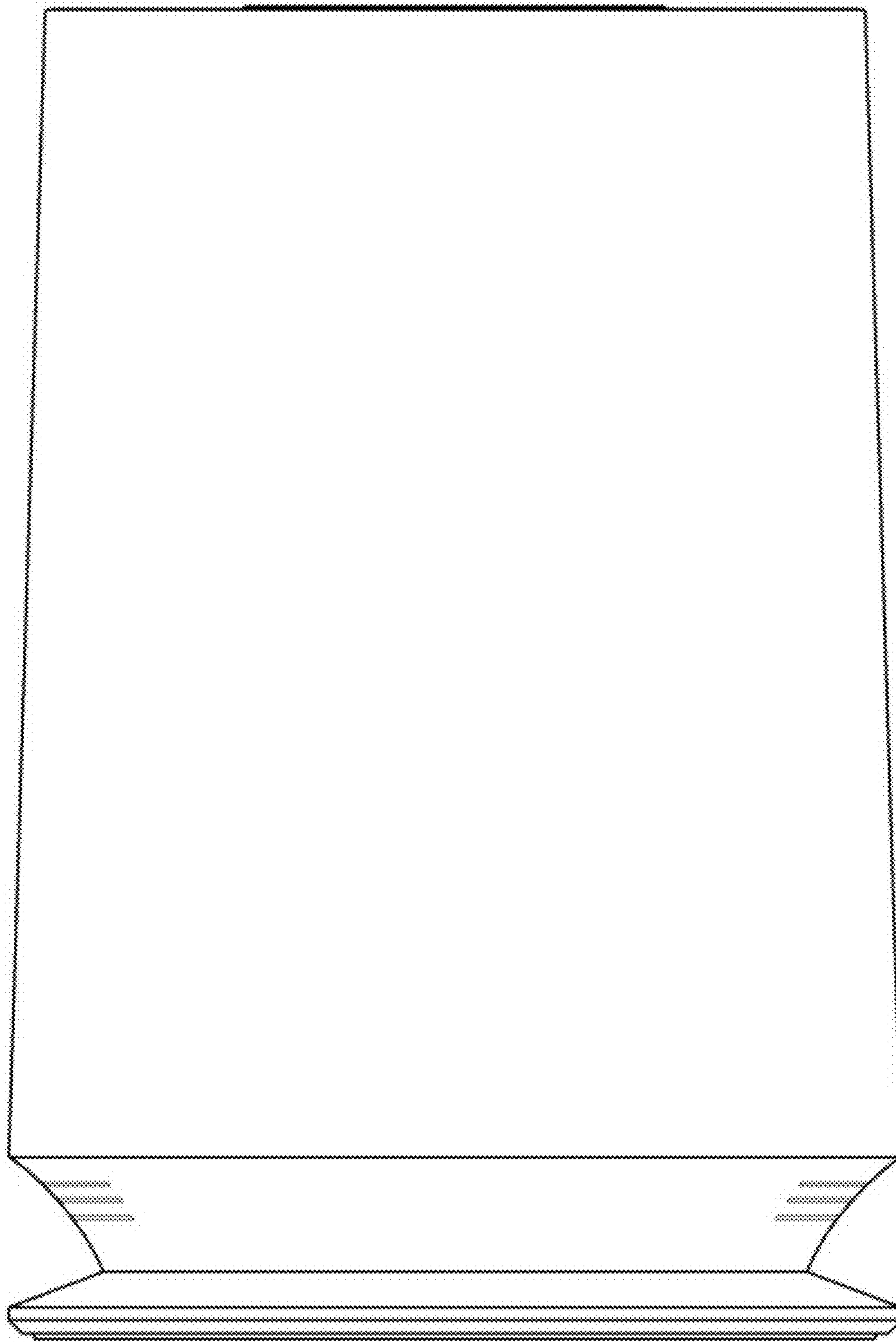
1. Air purifier
 - 1.1 is a perspective view of an air purifier, showing our new design;
 - 1.2 is a front elevation view thereof;
 - 1.3 is a rear elevation view thereof;
 - 1.4 is a left-side elevation view thereof;
 - 1.5 is a right-side elevation view thereof;
 - 1.6 is a top plan view thereof;
 - 1.7 is a bottom plan view thereof; and
 - 1.8 is another top plan view thereof, showing an example of a display part being activated.
- The broken line showing of portions of the air purifier is for the purpose of illustrating environment and forms no part of the claimed design.

1 Claim, 8 Drawing Sheets

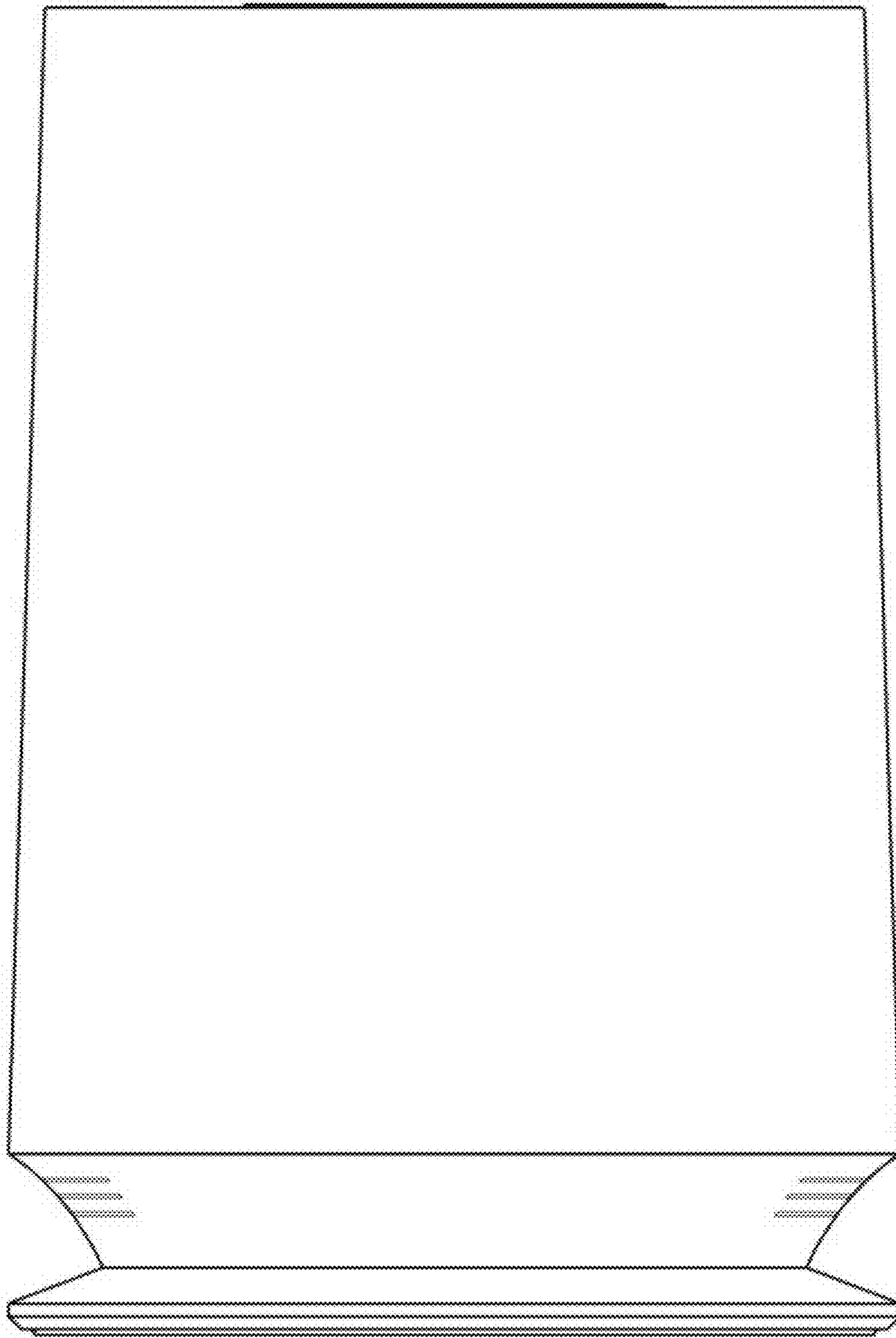
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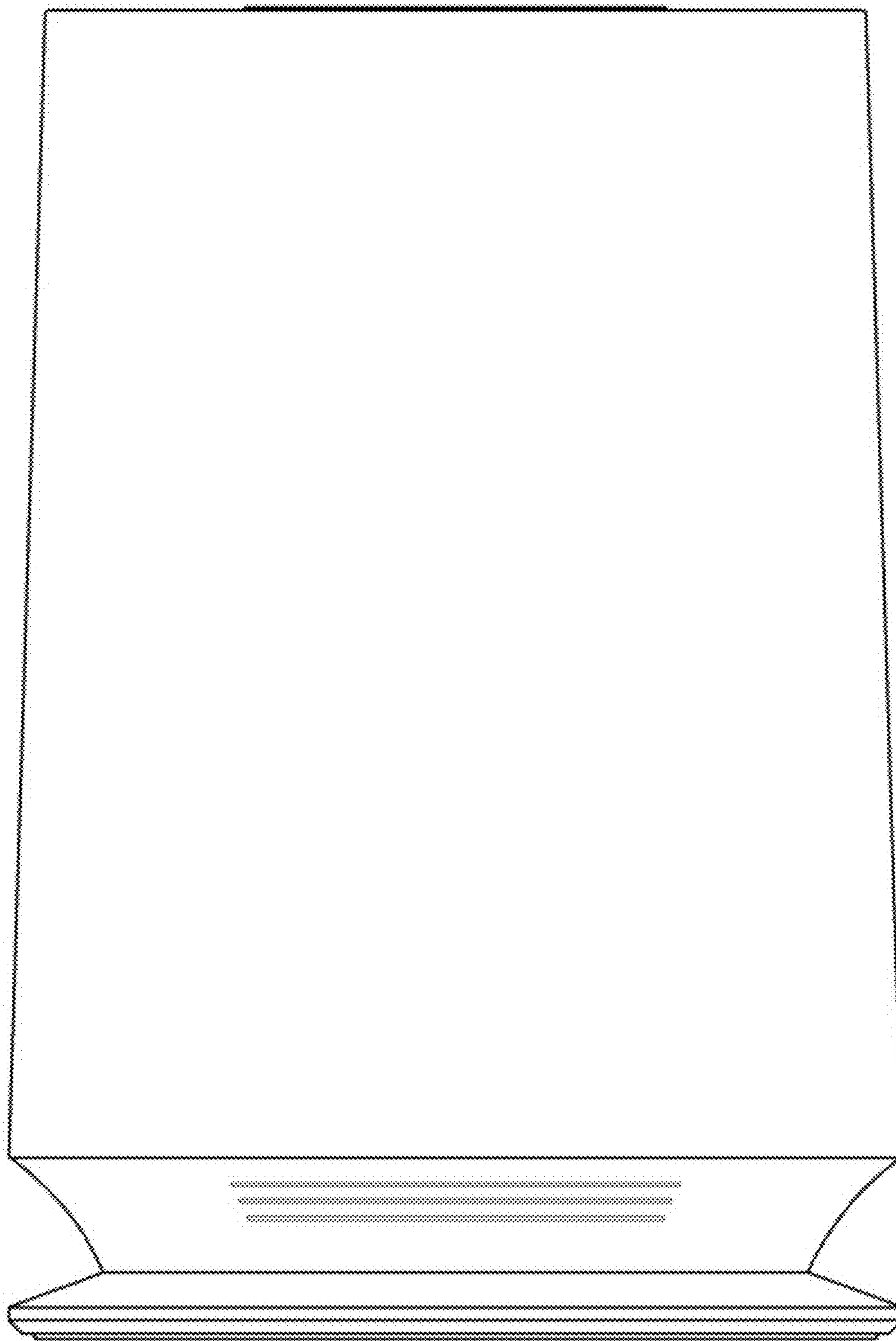
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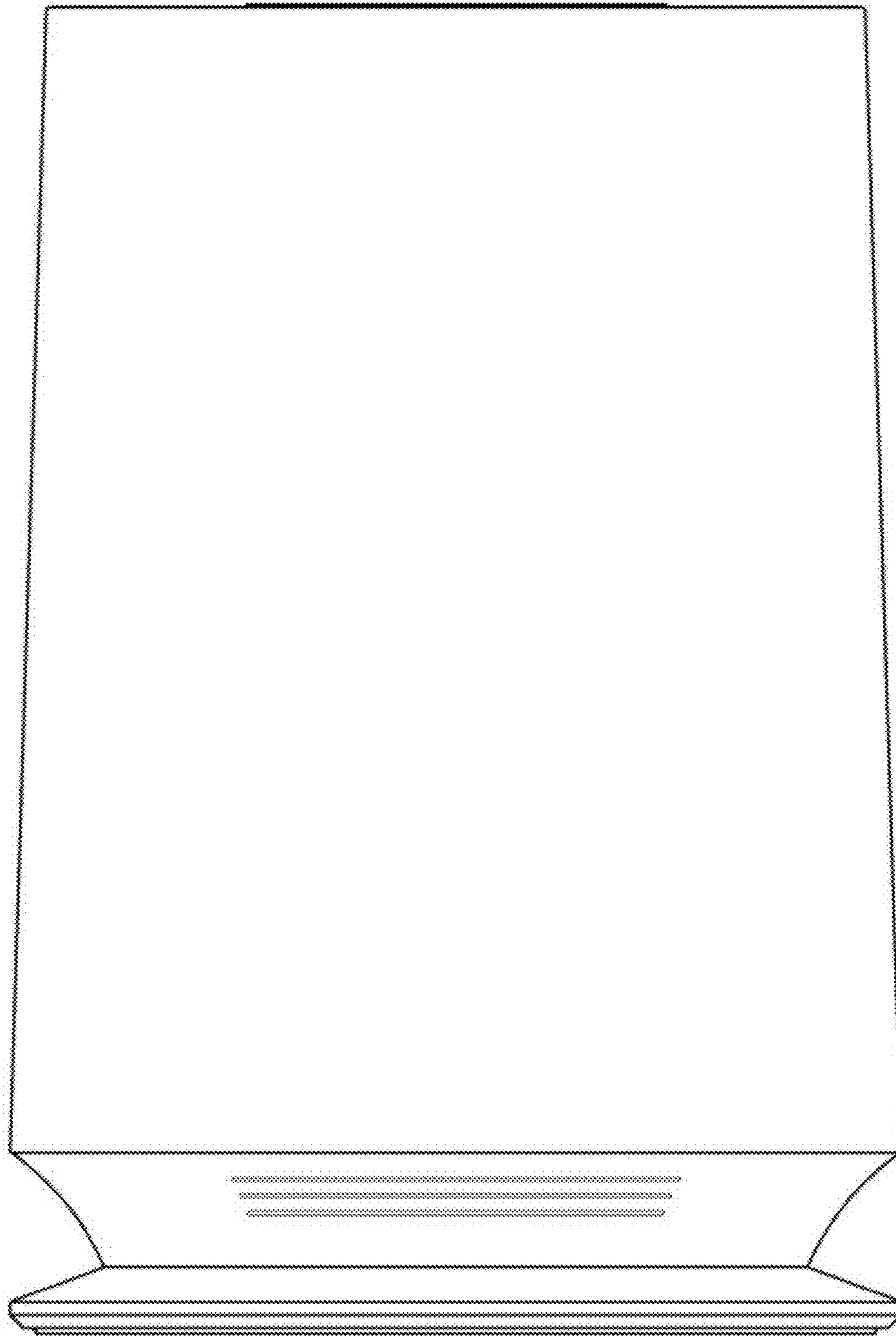
1.3



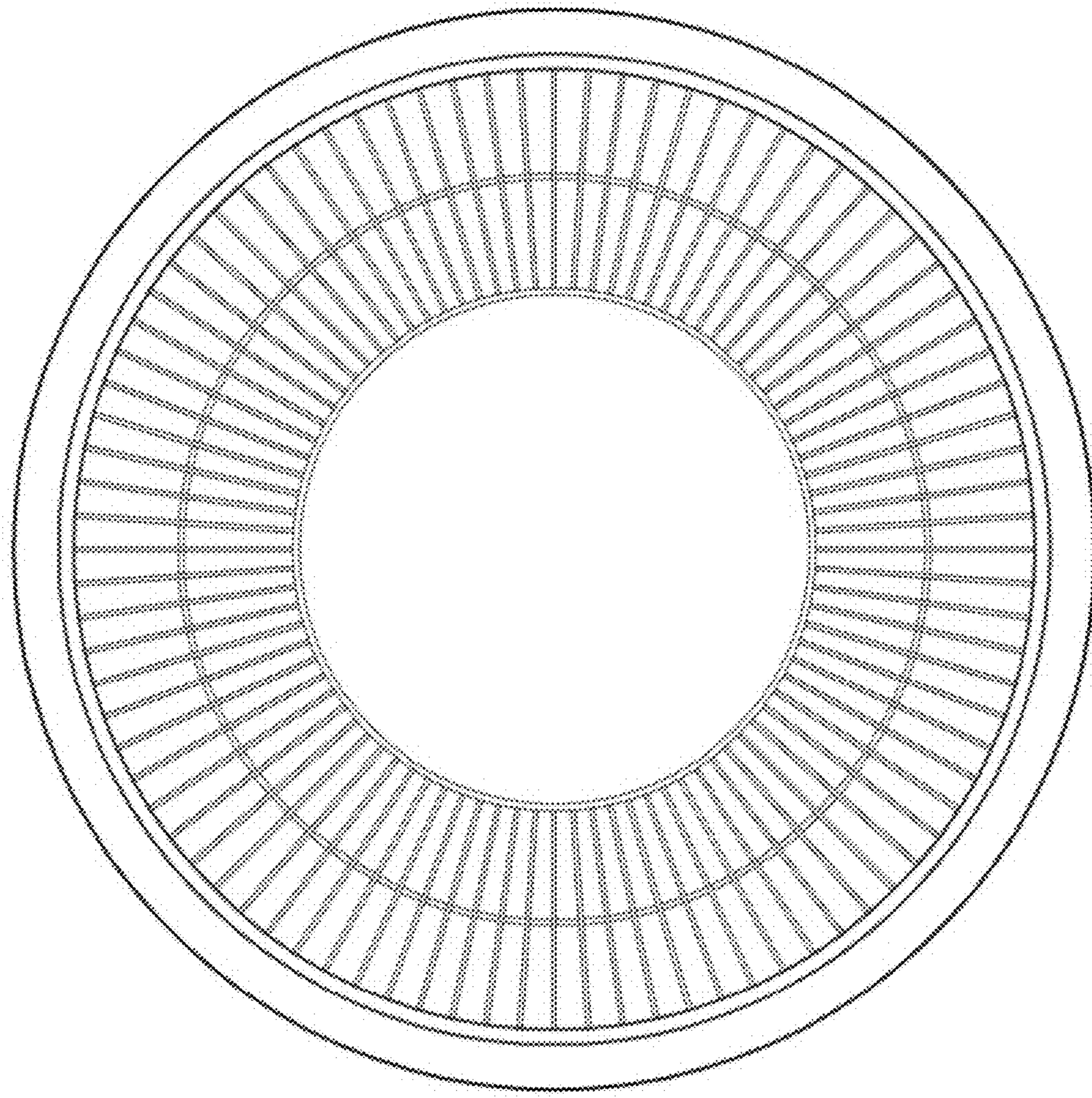
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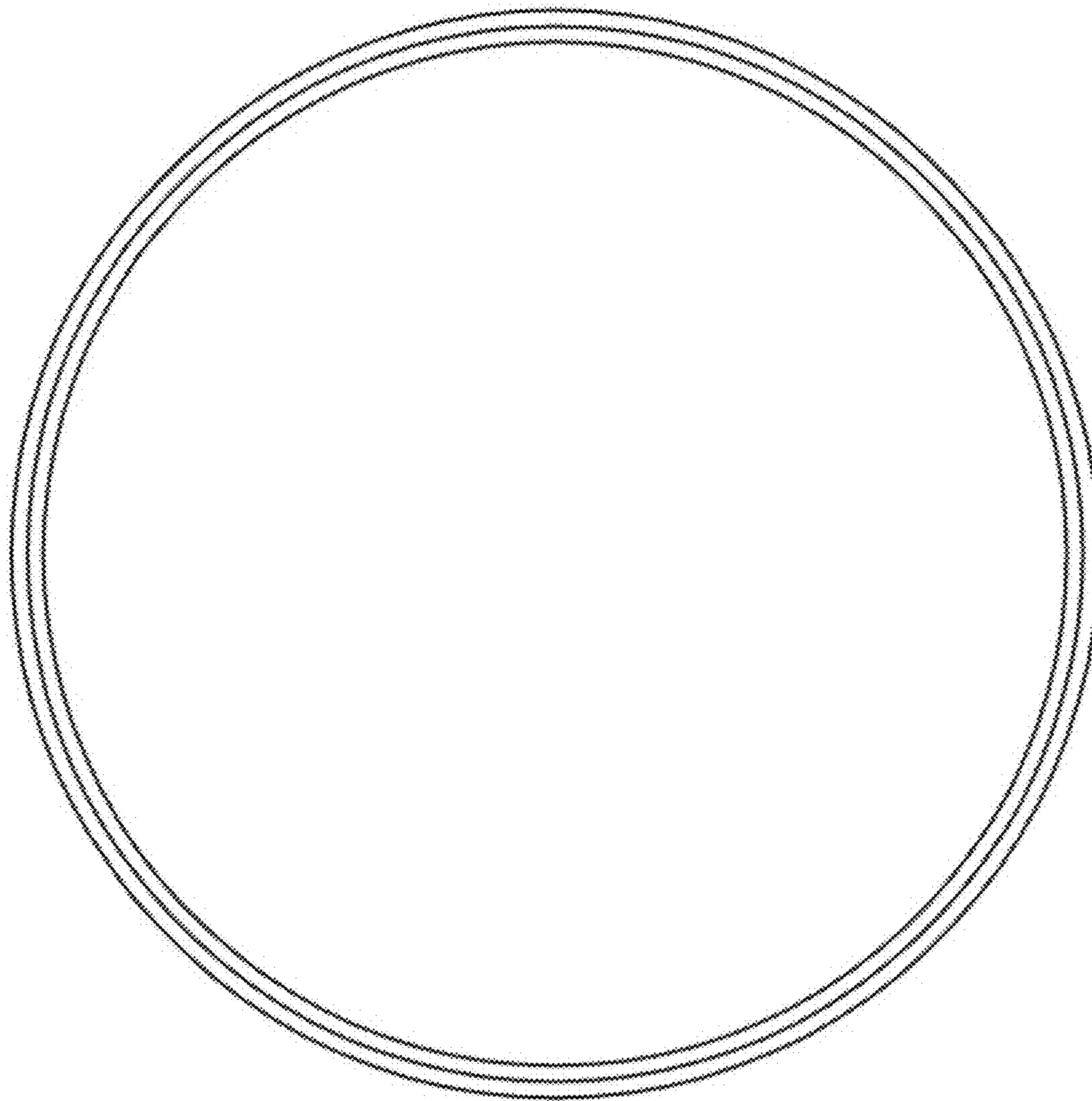
1.5



1.6



1.7



1.8

