



US00D870700S

(12) **United States Design Patent** (10) **Patent No.:** **US D870,700 S**  
**Lee et al.** (45) **Date of Patent:** **\*\* \*Dec. 24, 2019**

(54) **SPEAKER**

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

(72) Inventors: **Sangho Lee**, Seoul (KR); **Sooyoung Park**, Seoul (KR)

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

(\*) Notice: This patent is subject to a terminal disclaimer.

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

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(52) **U.S. Cl.**  
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(58) **Field of Classification Search**

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D14/249, 265, 209.1, 203.8, 253, 447,  
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D21/513, 516; D26/93; D29/112

CPC . B60R 11/0217; B60R 11/0223; H04R 1/023;  
H04R 1/025; H04R 1/323; H04R 5/02;  
H04R 19/02; H04R 2400/00; H04R  
2400/07; H04R 2400/11; G06F 1/16

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D711,352 S \* 8/2014 Szymanski ..... D14/216  
D711,353 S \* 8/2014 Szymanski ..... D14/216  
8,931,192 B2 \* 1/2015 Acworth ..... F21S 6/002  
40/554  
D724,570 S \* 3/2015 Kusano ..... D14/224  
D739,070 S \* 9/2015 Wilson ..... D26/104

(Continued)

FOREIGN PATENT DOCUMENTS

JP D1629063 \* 4/2019  
WO D090467-001 \* 10/2016

(Continued)

OTHER PUBLICATIONS

LED Mini Bluetooth Speaker, announced 2019 [online], [retrieved Jul. 16, 2019]. Available from Internet, URL: <<https://www.aliexpress.com/item/LED-Mini-Bluetooth-Speaker-TF-USB-FM-Music-Loudspeakers-Hand-Free-for-LG-G3-Cat-6/32897313639.html>> (Year: 2019).\*

(Continued)

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(57) **CLAIM**

The ornamental design for a speaker, as shown and described.

**DESCRIPTION**

1. Speaker

**1.1** is a perspective view of a speaker showing the new design;

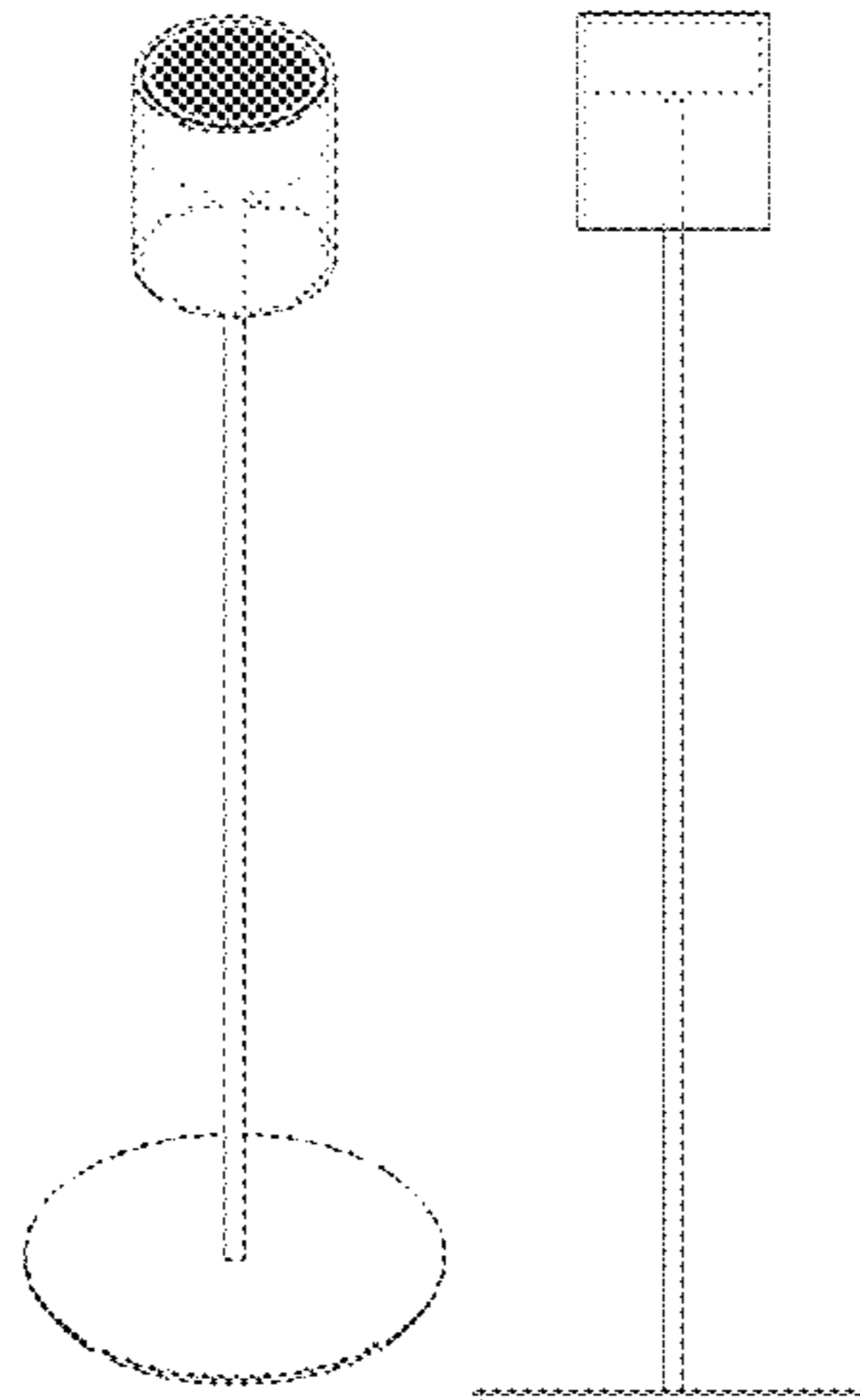
**1.2** is a front view thereof;

**1.3** is a back view thereof;

**1.4** is a left side view thereof;

**1.5** is a right side view thereof;

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1.6 is an enlarged top view thereof; and  
1.7 is an enlarged bottom view thereof.

## 1 Claim, 7 Drawing Sheets

(56)

### References Cited

#### U.S. PATENT DOCUMENTS

D740,253 S *	10/2015	Jeon .....	D14/204
D766,823 S *	9/2016	Wahl .....	D13/108
D779,705 S *	2/2017	Starck .....	D26/93
D780,982 S *	3/2017	Starck .....	D26/93
D783,000 S *	4/2017	Koo .....	D14/209.1
D784,271 S *	4/2017	Burke .....	D13/168
D792,374 S *	7/2017	Kim .....	D14/204
D793,996 S *	8/2017	Katz .....	D14/224
D817,922 S *	5/2018	Hong .....	D14/210
D817,923 S *	5/2018	Hong .....	D14/211
D819,596 S *	6/2018	Sun .....	D14/211

D843,418 S *	3/2019	Demin .....	D14/496
D847,115 S *	4/2019	Li .....	D14/204
D851,323 S *	6/2019	Barber .....	D26/93

#### FOREIGN PATENT DOCUMENTS

WO	D100659-001	* 10/2018
WO	D100660-001	* 10/2018
WO	D101544-001	* 10/2018

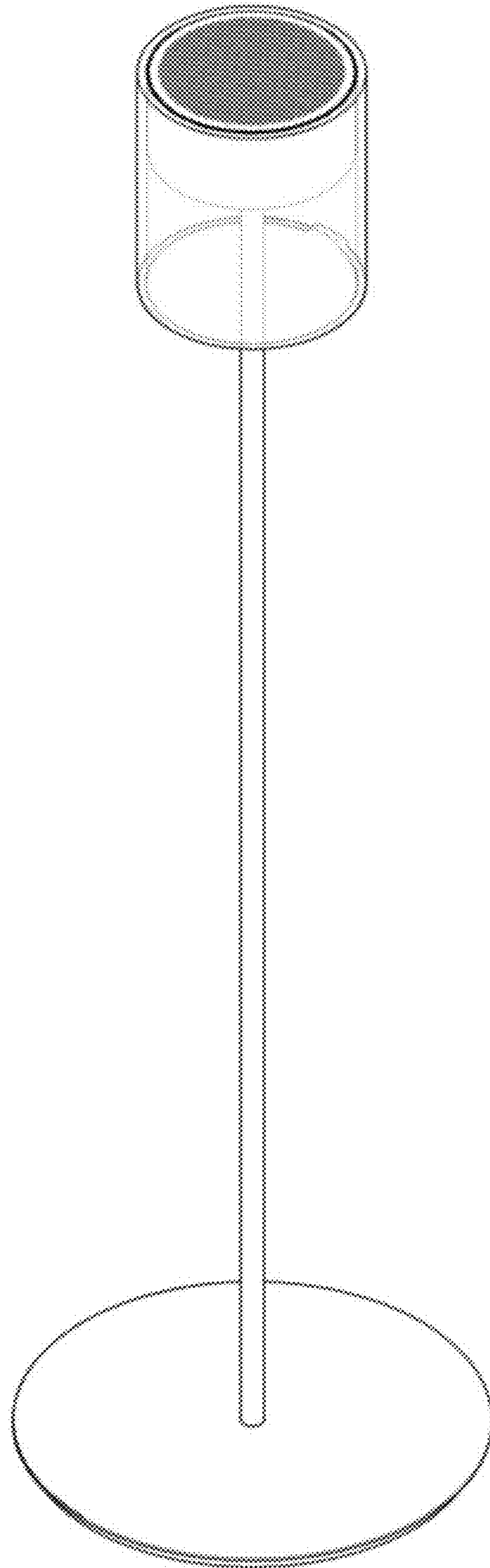
#### OTHER PUBLICATIONS

TWS Speaker Bluetooth Twin Mini Stereo speakers, announced 2016 [online], [retrieved Jul. 16, 2019]. Available from Internet, URL: <<http://www.shiningsmart.com/tws-speaker-bluetooth-twin-mini-stereo-speakers-waterproof-transparent.html>> (Year: 2019).\*

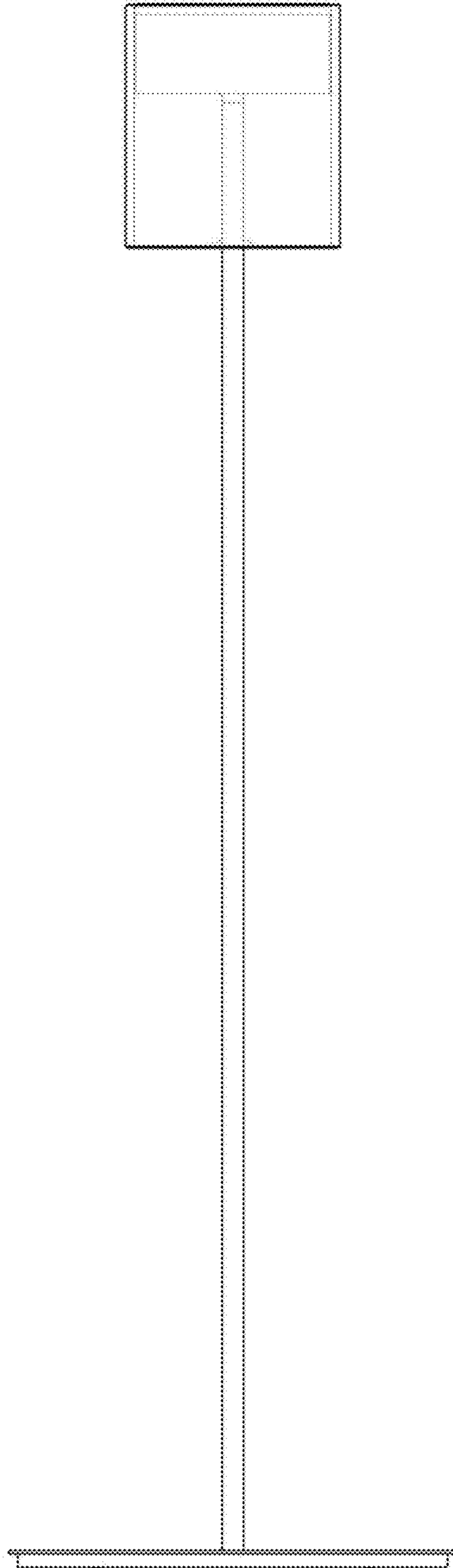
LG PH1 Portable Bluetooth Wireless 360° Speaker, announced Jan. 15, 2018 [online], [retrieved Jul. 16, 2019]. Available from Internet, URL: <<https://www.groupon.com/deals/gg-cm-new-lg-ph1-portable-bluetooth-speakers-led-mood-light-360-sound>> (Year: 2018).\*

\* cited by examiner

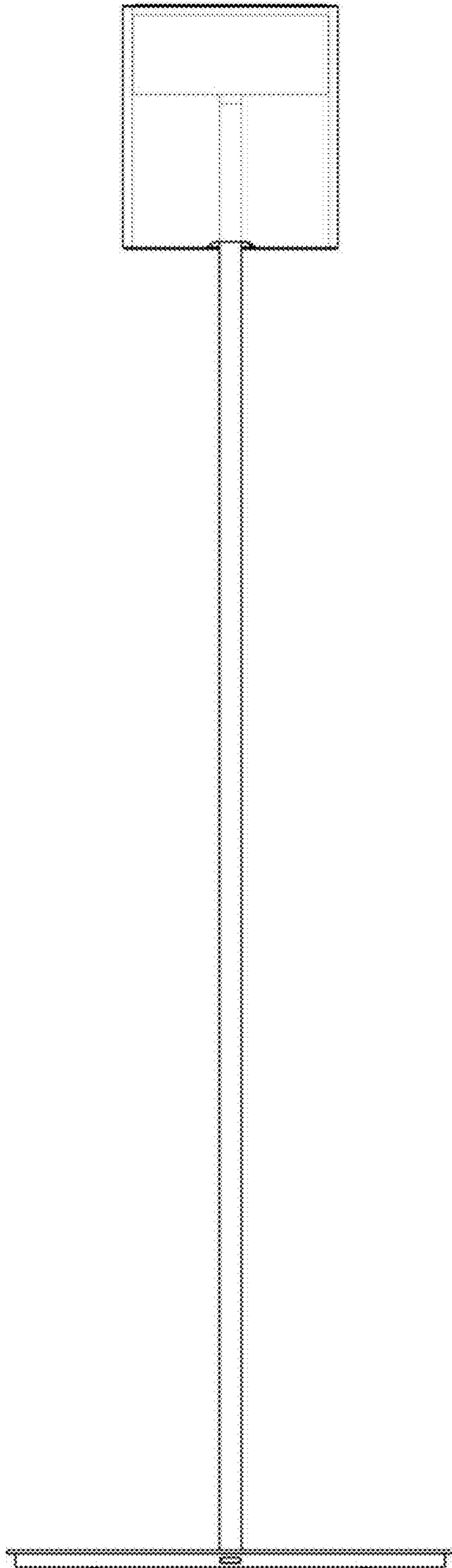
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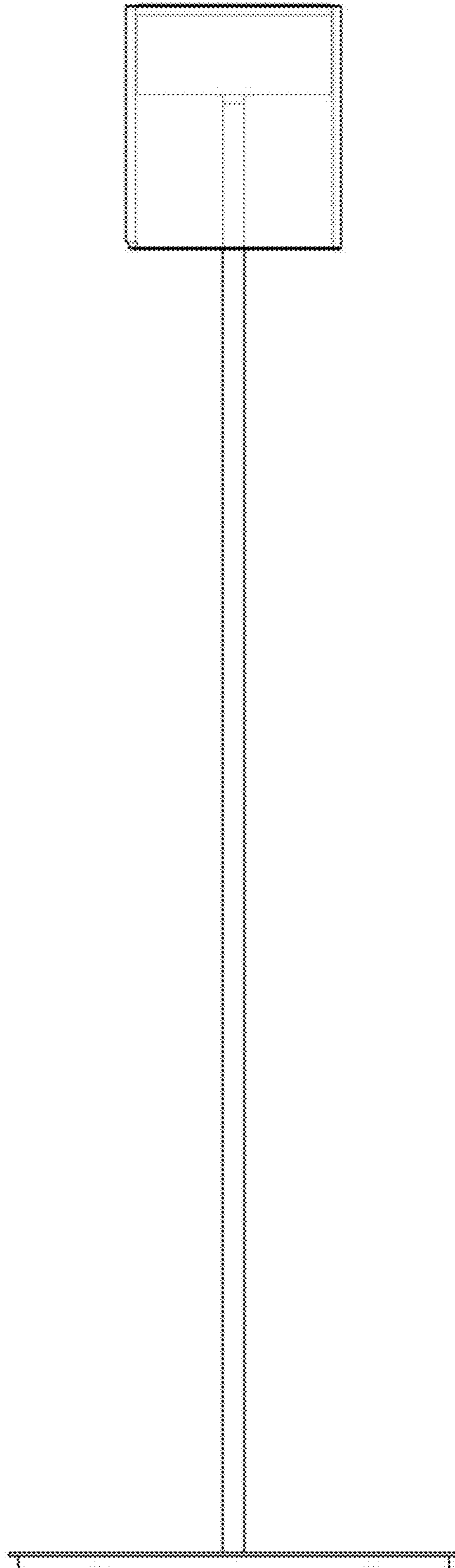
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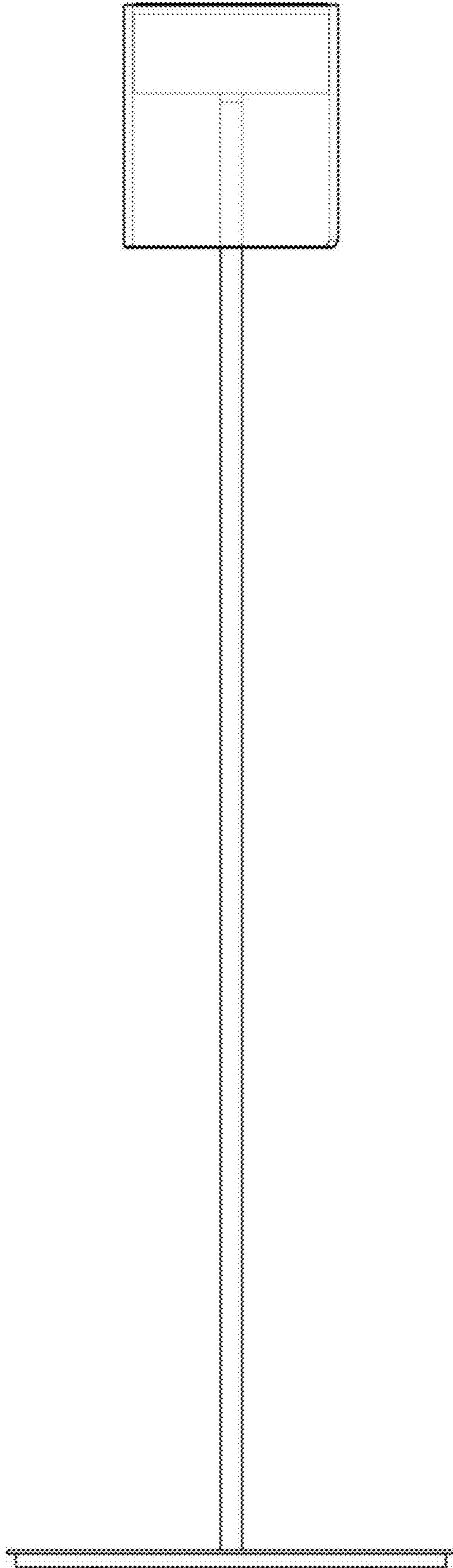
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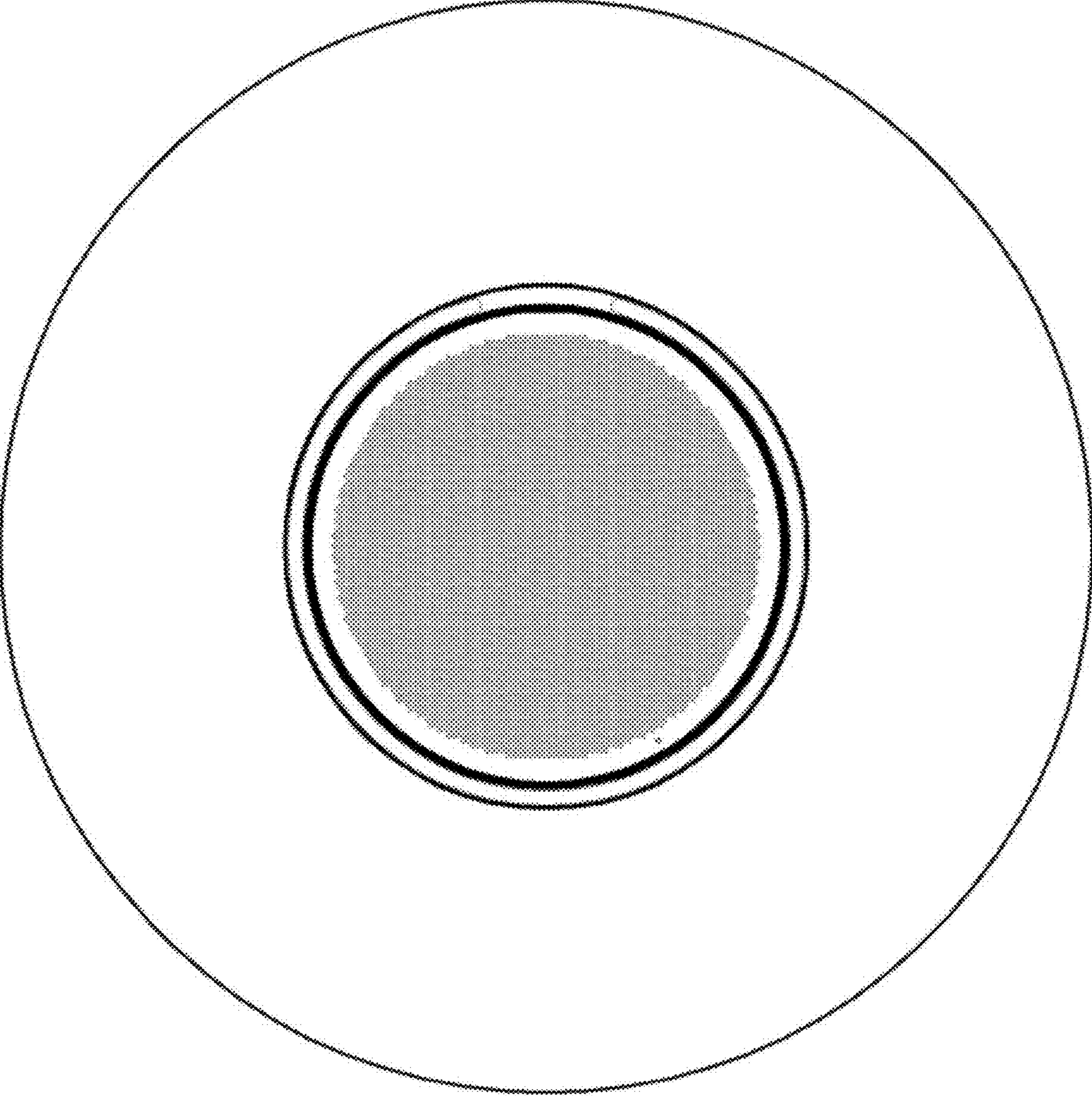


1.5





1.6





1.7

