



US00D826752S

(12) **United States Design Patent** (10) **Patent No.:** **US D826,752 S**
Lee et al. (45) **Date of Patent:** **** Aug. 28, 2018**

(54) **GAS DETECTOR**

2201/0227; G01N 2201/0228; G01N 2201/024; G01N 2201/0245

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

See application file for complete search history.

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(56) **References Cited**

U.S. PATENT DOCUMENTS

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

D297,317 S *	8/1988	Taylor	D10/106.2
D319,596 S *	9/1991	Krolopp	D10/81
D457,456 S *	5/2002	Holland	D10/106.2
D494,879 S *	8/2004	Andrews	D10/81
D498,765 S *	11/2004	Nakazato	D10/81
D500,256 S *	12/2004	Cutler	D10/81
D566,594 S *	4/2008	Owen	D10/81
D575,650 S *	8/2008	Lang	D10/81
D577,301 S *	9/2008	Johnson	D10/106.1
D669,375 S *	10/2012	Kao	D10/78
D671,851 S *	12/2012	Treharne	D10/78
D693,254 S *	11/2013	Liu	D10/81
D734,187 S *	7/2015	Nakajima	D10/81
D758,222 S *	6/2016	Uchiumi	D10/81

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

(21) Appl. No.: **35/502,242**

(22) Filed: **Jul. 6, 2016**

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(80) **Hague Agreement Data**

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(57) **CLAIM**

The ornamental design for a gas detector, as shown and described.

(30) **Foreign Application Priority Data**

Jan. 7, 2016 (KR) 30-2016-0000707

(51) **LOC (11) Cl.** **10-04**

(52) **U.S. Cl.**
USPC **D10/81**

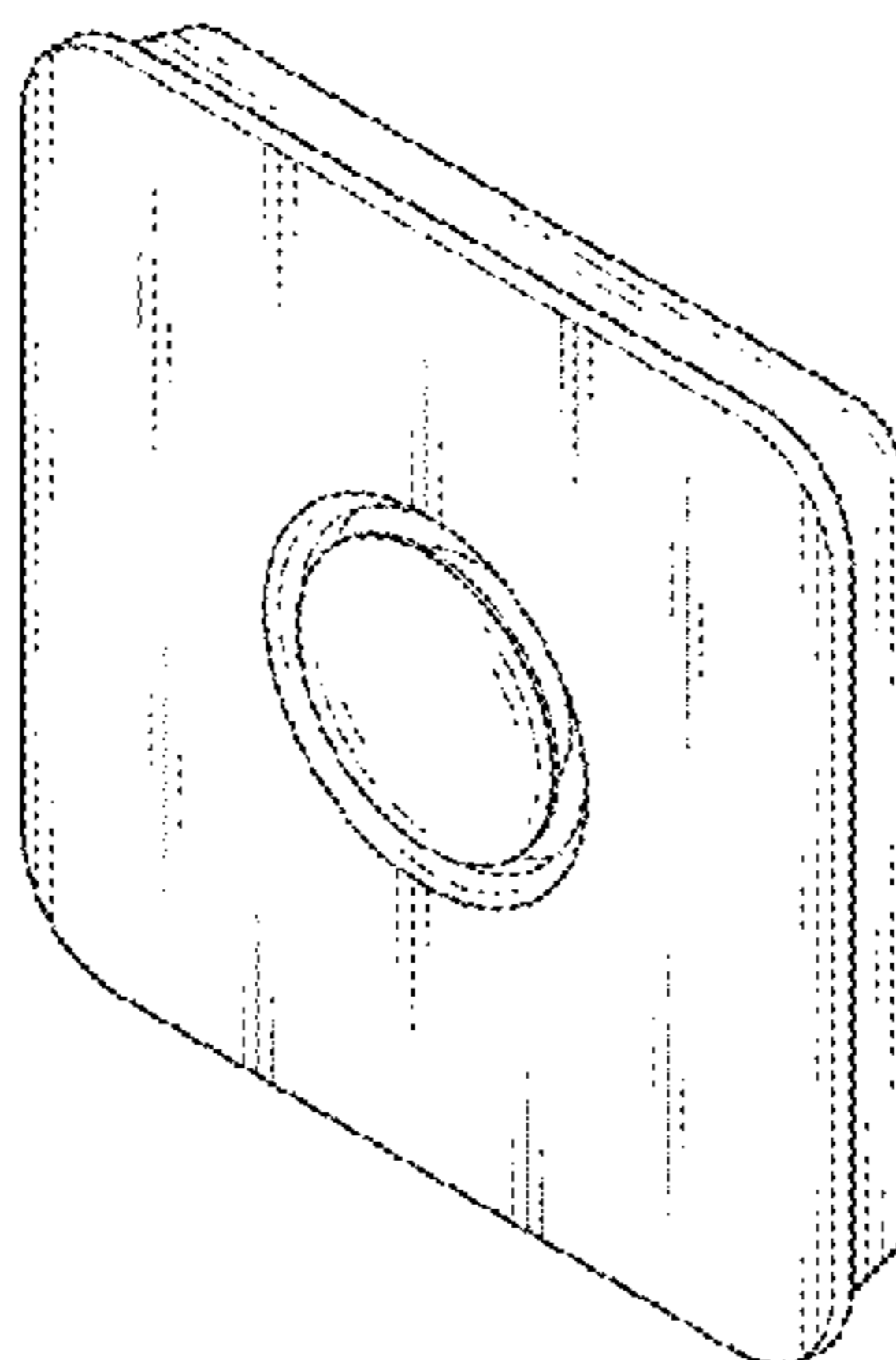
(58) **Field of Classification Search**

USPC D10/46, 81, 97, 56, 96, 101; D14/168, D14/358; D24/107, 169, 185, 186
CPC G01N 21/00; G01N 21/01; G01N 2021/0106; G01N 2201/022; G01N 2201/0221; G01N 2201/0222; G01N 2201/0224; G01N 2201/0225; G01N

DESCRIPTION

1. Gas detector
- 1.1 is a front perspective view of a gas detector 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;
- 1.8 is a front perspective view of an exemplary electronic device with the gas detector installed; and
- 1.9 is an exploded front perspective view of the exemplary electronic device shown in 1.8.

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The broken lines in the reproductions illustrate portions of the gas detector and an exemplary electronic device that form no part of the claimed design.

1 Claim, 9 Drawing Sheets

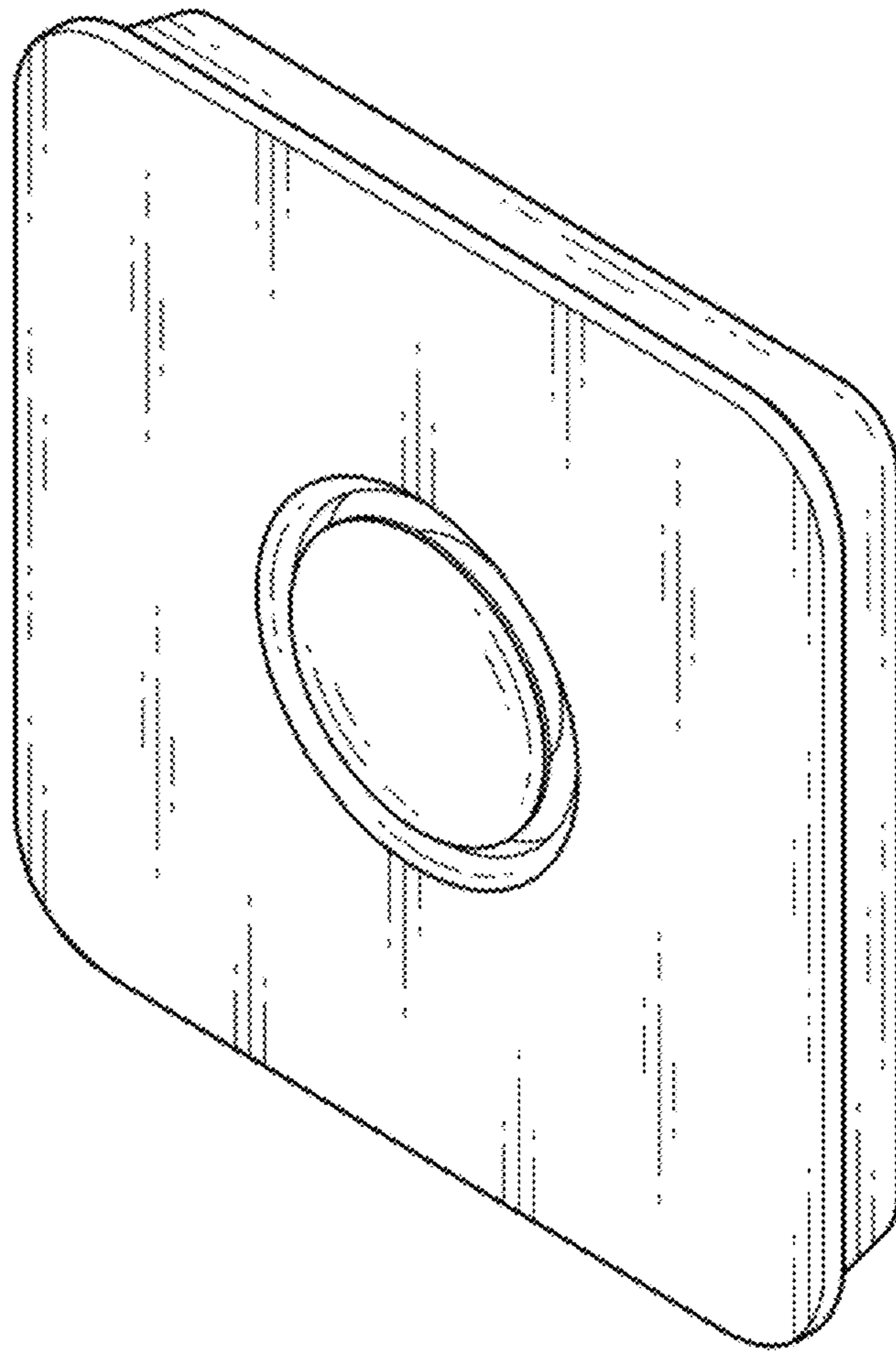
(56) **References Cited**

U.S. PATENT DOCUMENTS

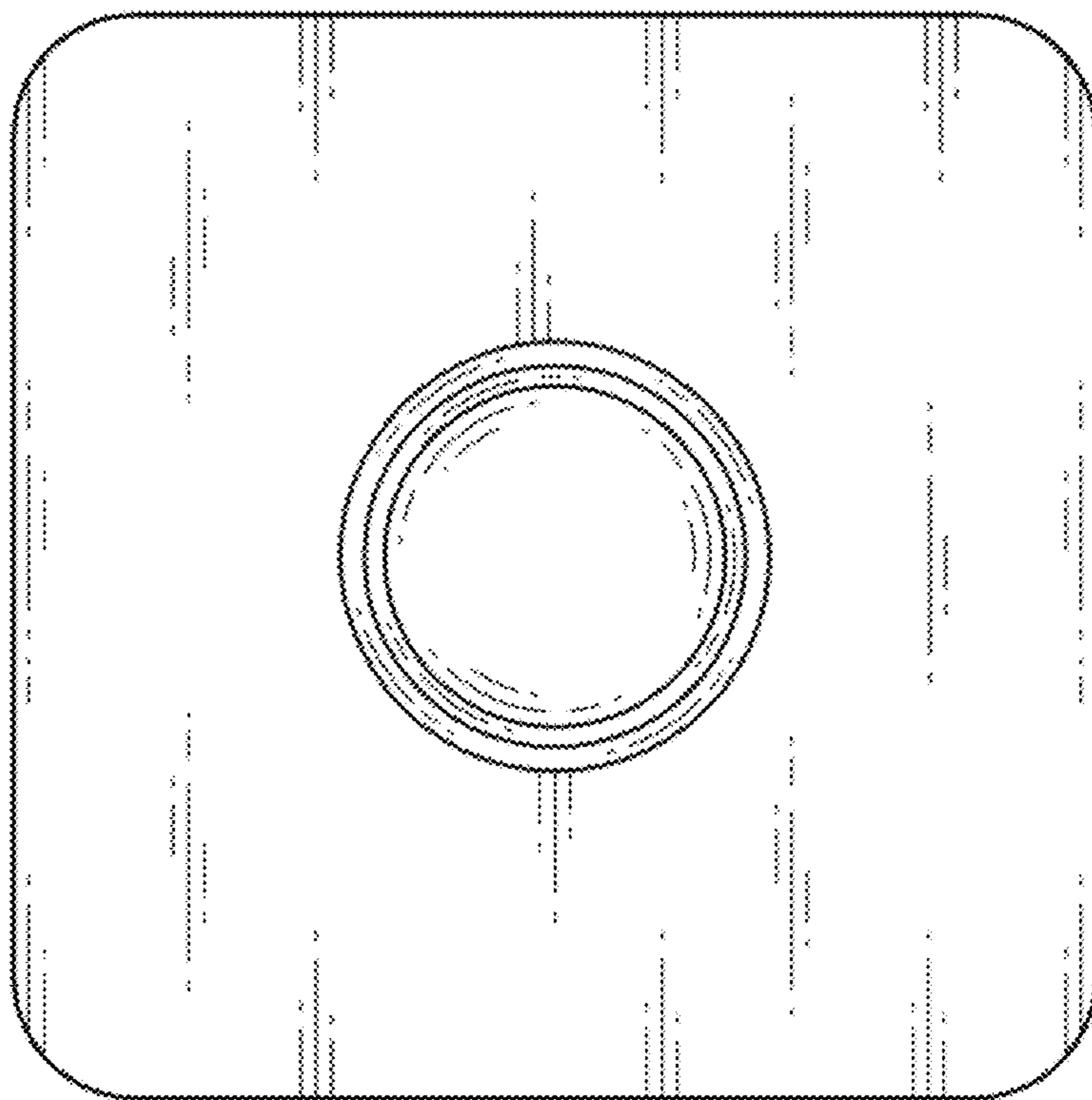
D760,102 S *	6/2016	Frandsen	D10/81
D762,503 S *	8/2016	Halbheer	D10/81
D773,327 S *	12/2016	Furuya	D10/81
D793,258 S *	8/2017	Buber	D10/81
D795,723 S *	8/2017	Herbst	D10/81
D796,357 S *	9/2017	Park	D10/78

* cited by examiner

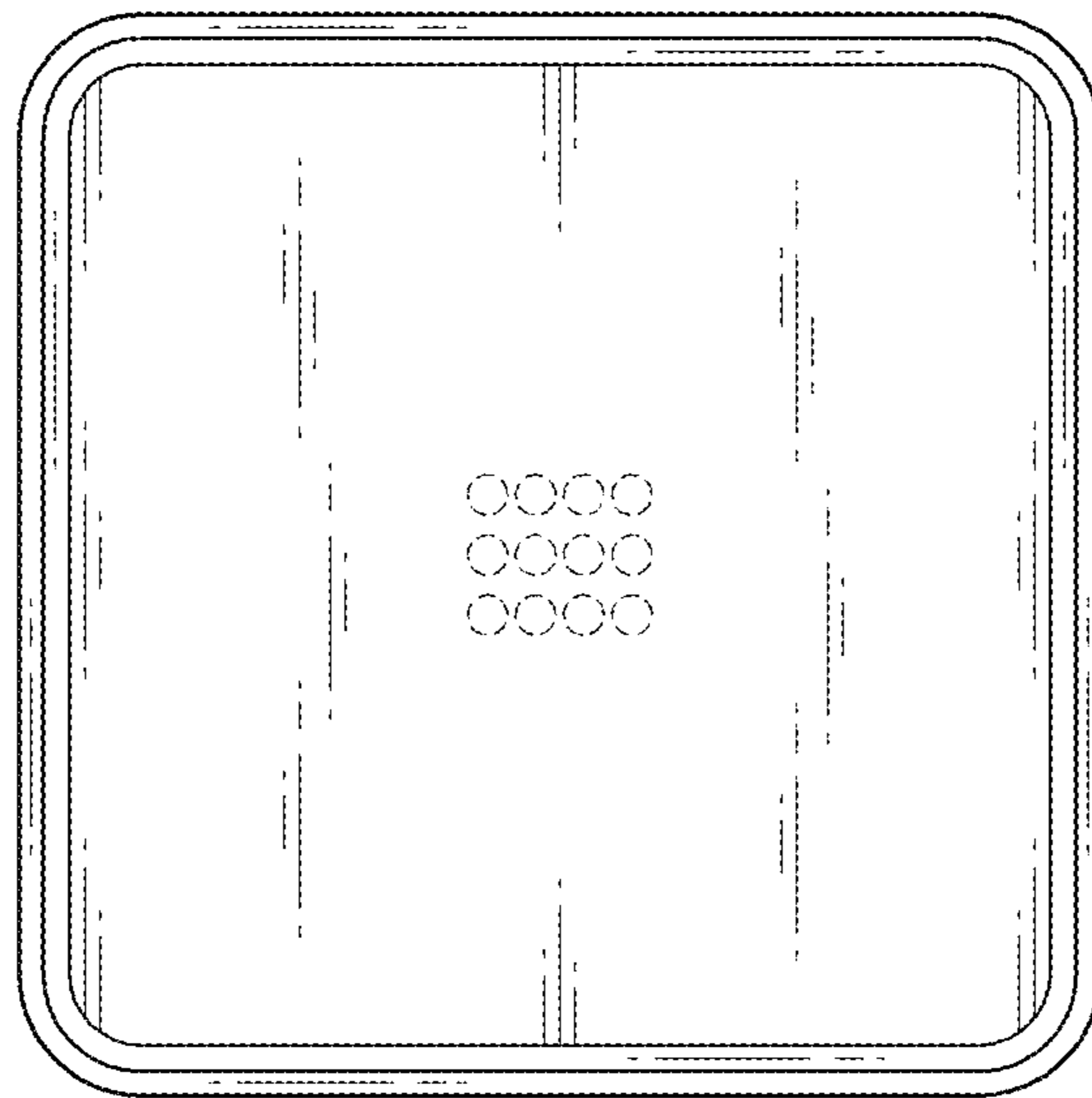
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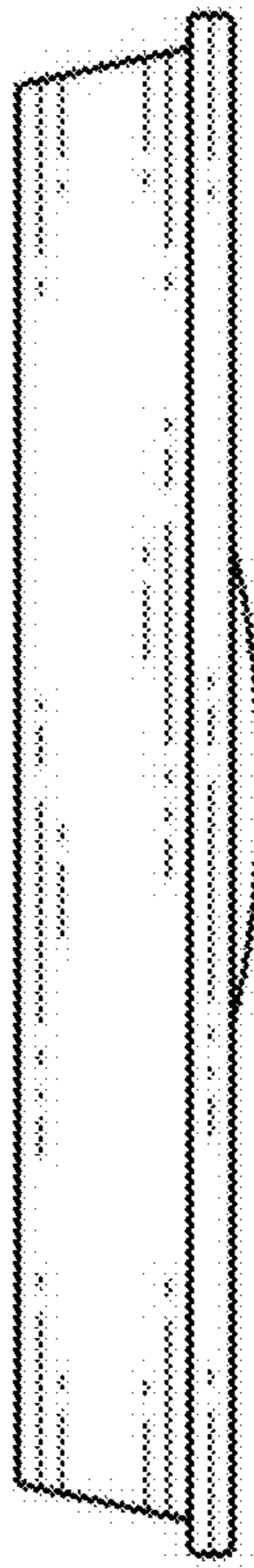
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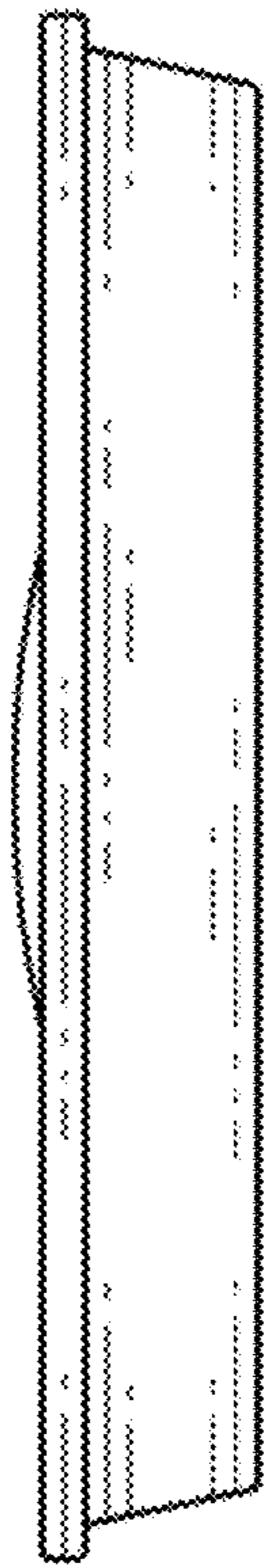
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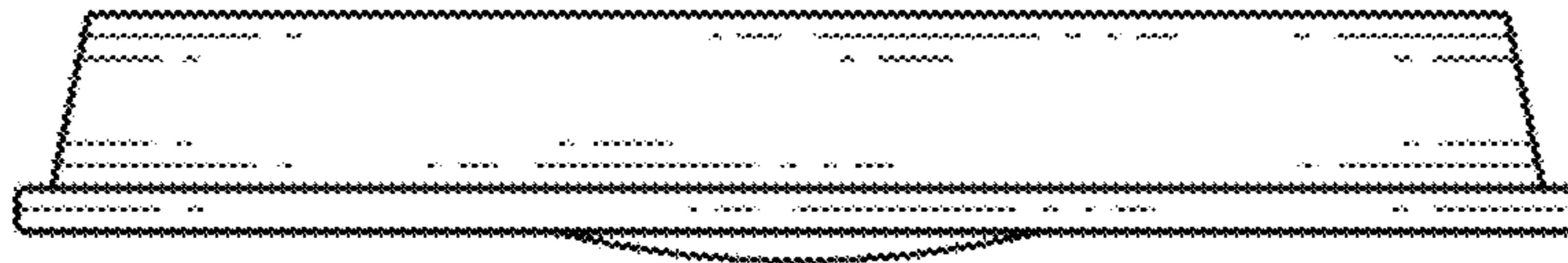
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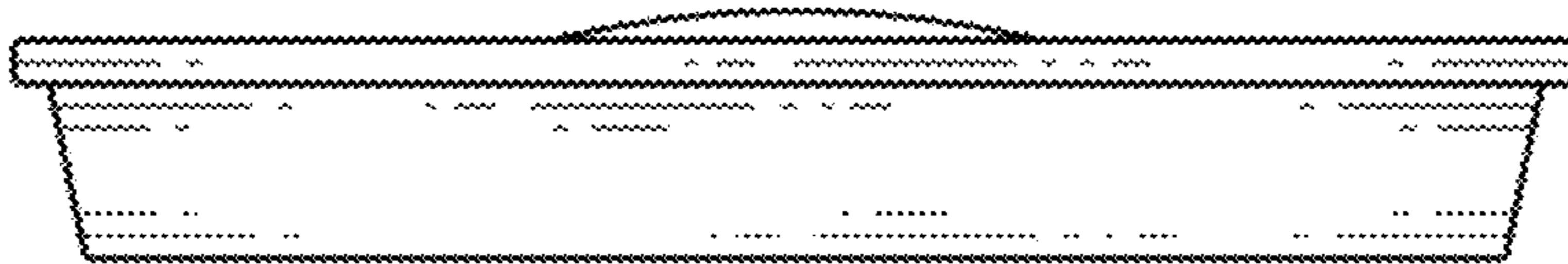
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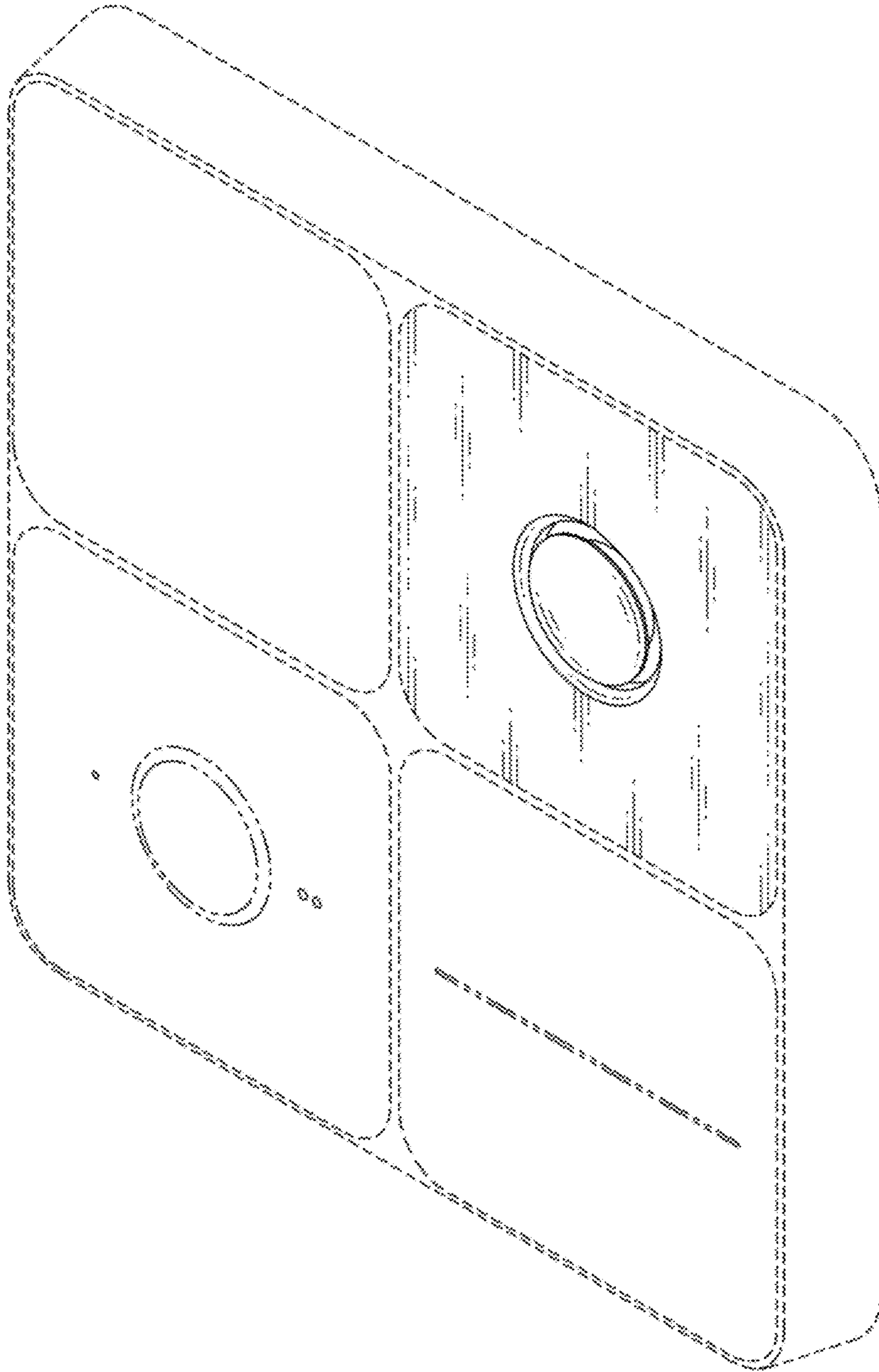
1.6



1.7



1.8



1.9

