



US00D889461S

(12) **United States Design Patent**
Seo et al.

(10) **Patent No.:** **US D889,461 S**
(45) **Date of Patent:** **** Jul. 7, 2020**

(54) **POWER ADJUSTMENT DEVICE FOR HOME APPLIANCES**

(71) Applicant: **MIRO CO., LTD.**, Incheon (KR)

(72) Inventors: **Dong Jin Seo**, Incheon (KR); **Yong Ju Oh**, Incheon (KR); **Min Seok Kim**, Incheon (KR)

(73) Assignee: **MIRO CO., LTD.**, Incheon (KR)

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

(21) Appl. No.: **29/677,084**

(22) Filed: **Jan. 17, 2019**

(30) **Foreign Application Priority Data**

Jul. 17, 2018 (KR) 30-2018-0032894

(51) **LOC (12) Cl.** **14-02**

(52) **U.S. Cl.**
USPC **D14/358**; D14/240

(58) **Field of Classification Search**
USPC D10/49, 50; D13/106, 107, 108, 162, D13/168, 184; D14/214, 216, 218, 240, D14/358

CPC G06F 1/181; G05B 11/01; G08C 17/02; H04W 88/02; H04W 88/08; H04W 88/085; H04W 88/10; H04W 88/12; H04W 88/14; H04W 88/16; H04L 37/306; G11B 33/08; G11B 33/126; G11B 33/128; H02J 7/0042; H02J 7/0044; H02J 7/0068

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D624,541 S * 9/2010 Kemery D14/240
D674,342 S * 1/2013 Ho D13/110
D726,107 S * 4/2015 Mudge D13/110
D745,426 S * 12/2015 Heath D10/106.1
9,513,682 B2 * 12/2016 Fleisig G06F 1/266

D776,656 S * 1/2017 Lagerstedt D14/240
D780,605 S * 3/2017 Chen D10/49
D791,123 S * 7/2017 Wieser D14/300
D815,610 S * 4/2018 Lee D14/125
D826,935 S * 8/2018 Son D14/358
D859,415 S * 9/2019 Liao D14/434
D867,337 S * 11/2019 Kitamura D14/218
D869,463 S * 12/2019 Gagne-Keats D14/358

(Continued)

OTHER PUBLICATIONS

Mega Power Station; before Jun. 1, 2018; 1 pg.; https://www.google.com/search?q=power+device+for+home+appliance+before%3A2018-06-01&tbm=isch&ved=2ahUKEwifqrGuvLnAhUPON8KHfeoDLIQ2-cCegQIABAA&oq=power+device+for+home+appliance+before%3A2018-06-01&gs_l=img.3...483857.498897..500233...0.0..0.69.1052.20...

(Continued)

Primary Examiner — Selina Sikder

(74) *Attorney, Agent, or Firm* — Novick, Kim & Lee, PLLC; Sang Ho Lee; Hyun Woo Shin

(57) **CLAIM**

We claim the ornamental design for a power adjustment device for home appliances, as shown and described.

DESCRIPTION

FIG. 1 is a front, left, bottom perspective view of a power adjustment device for home appliances, showing our new design;

FIG. 2 is a front, right, top perspective view thereof;

FIG. 3 is a front elevational view thereof;

FIG. 4 is a rear elevational view thereof;

FIG. 5 is a left side elevational view thereof;

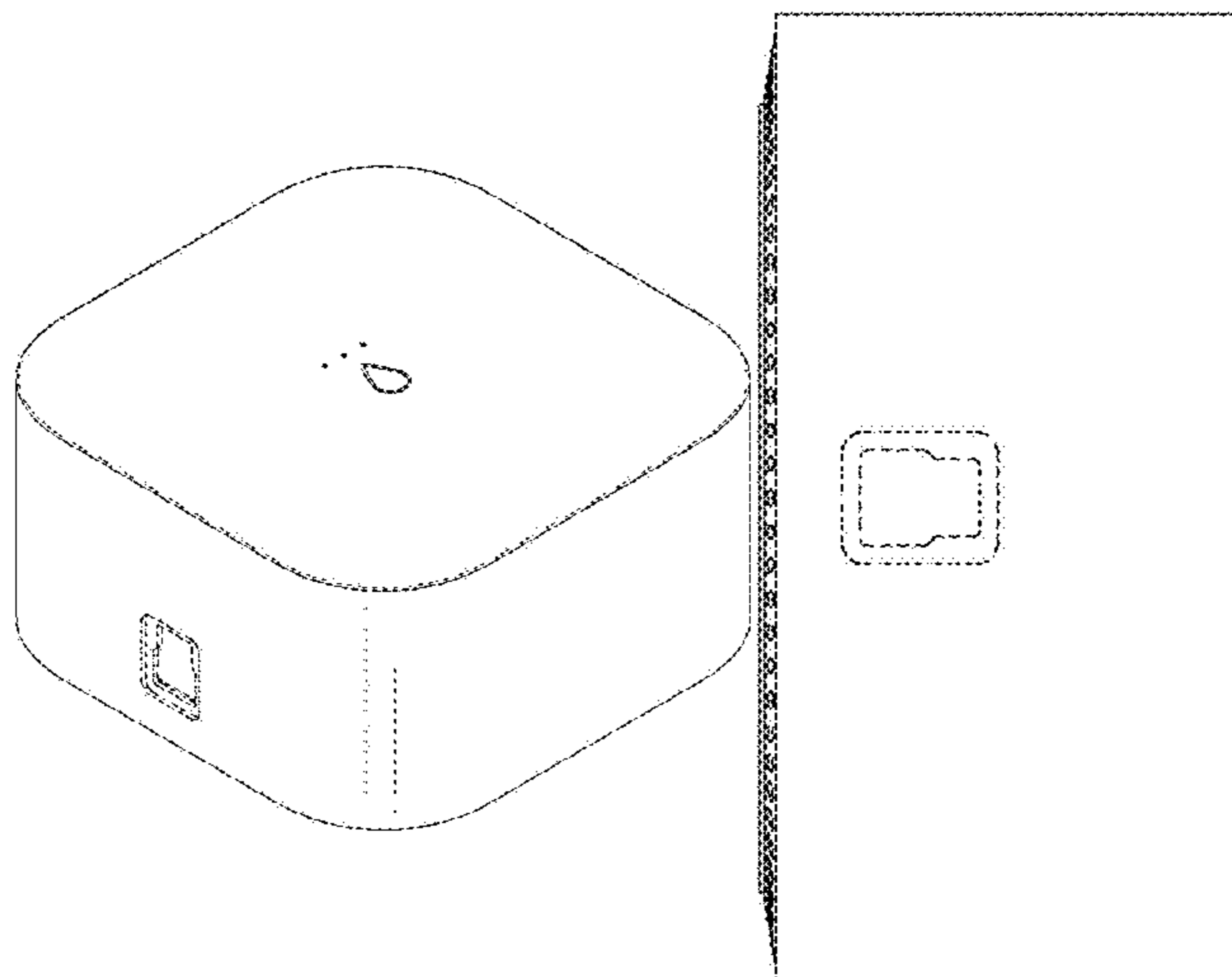
FIG. 6 is a right side elevational view thereof;

FIG. 7 is a top plan view thereof; and,

FIG. 8 is a bottom plan view thereof.

The broken lines in the drawings show portions of the power adjustment device for home appliances which form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D872,078 S * 1/2020 Wu D14/358
D874,423 S * 2/2020 Wu D14/168
2013/0257376 A1* 10/2013 Ge H02J 7/0044
320/114
2016/0268825 A1* 9/2016 Byrne H02J 7/0068
2018/0092230 A1* 3/2018 Hsu H01R 13/72
2019/0363553 A1* 11/2019 Clark H02J 7/0042
2020/0021072 A1* 1/2020 Govindasamy H01R 27/00

OTHER PUBLICATIONS

8400mAh Orca Power Bank; before Jun. 1, 2018; 1 pg.; https://www.google.com/search?q=power+device+for+home+appliance+before%3A2018-06-01&tbm=isch&ved=2ahUKEwifrqrGuvLnAhUPON8KHfeoDLIQ2-cCegQIABAA&oeq=power+device+for+home+appliance+before%3A2018-06-01&gs_l=img.3...483857.498897..500233...0.0..0.69.1052.20...*

* cited by examiner

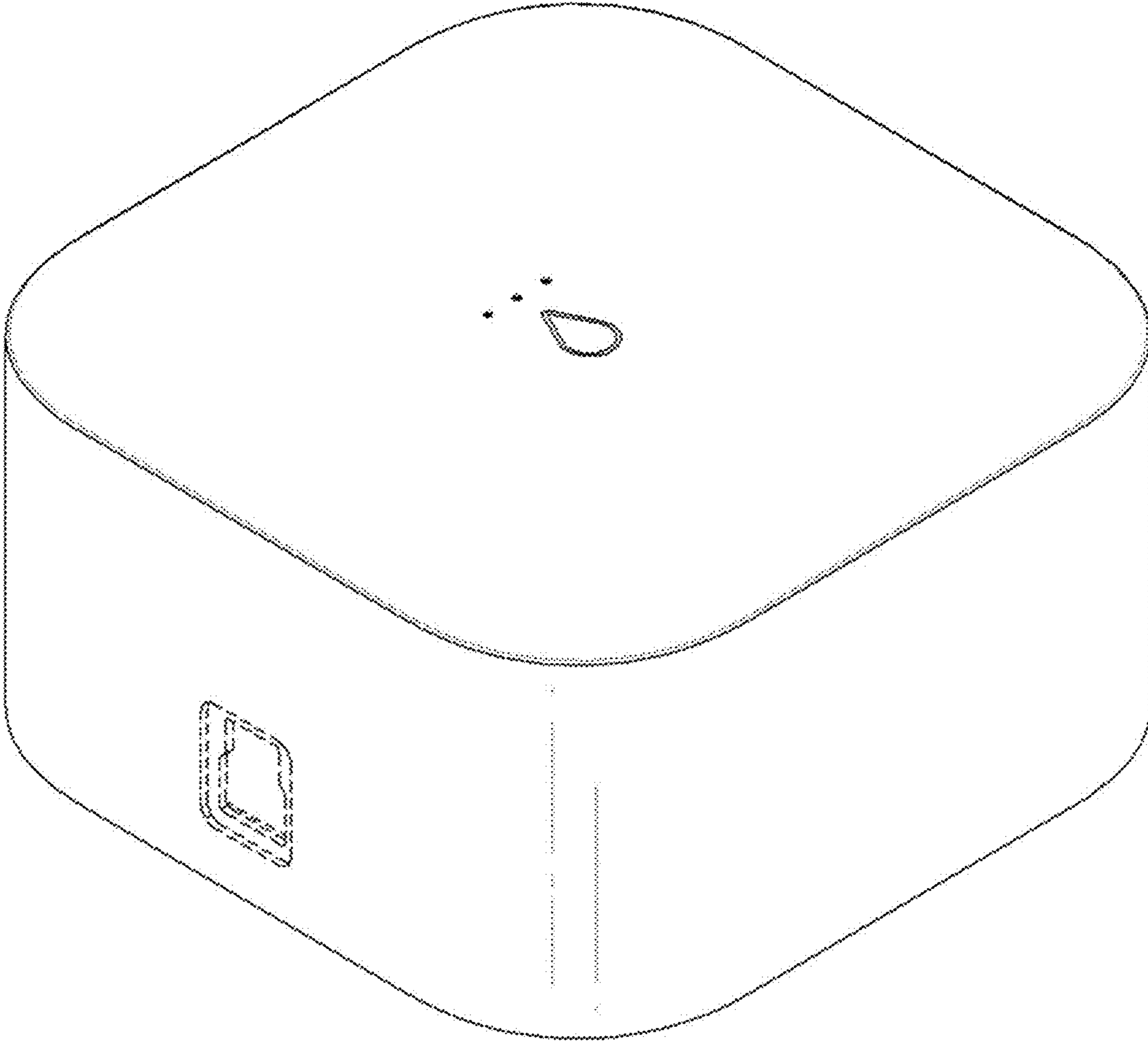


FIG. 1

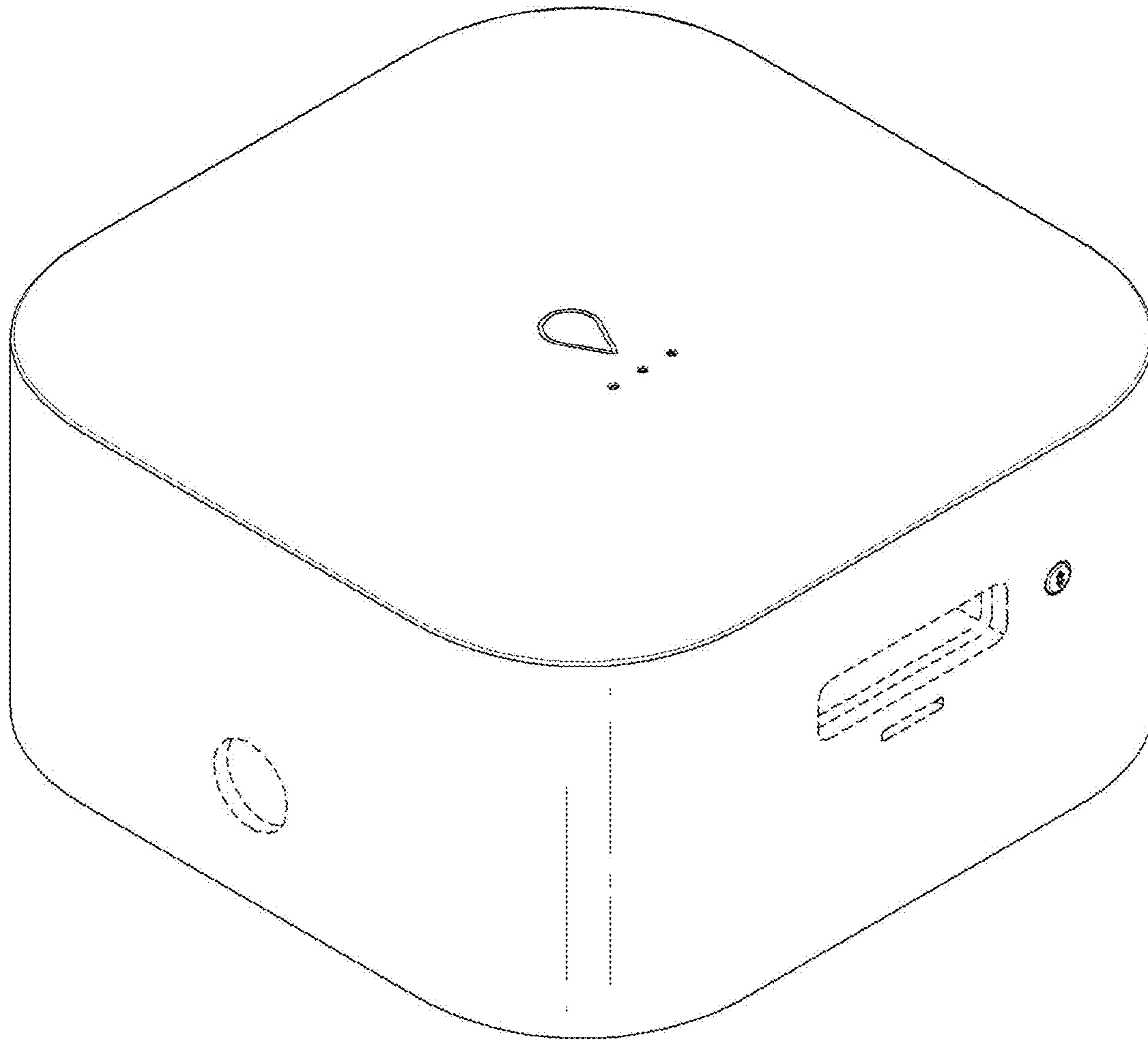


FIG. 2



FIG. 3

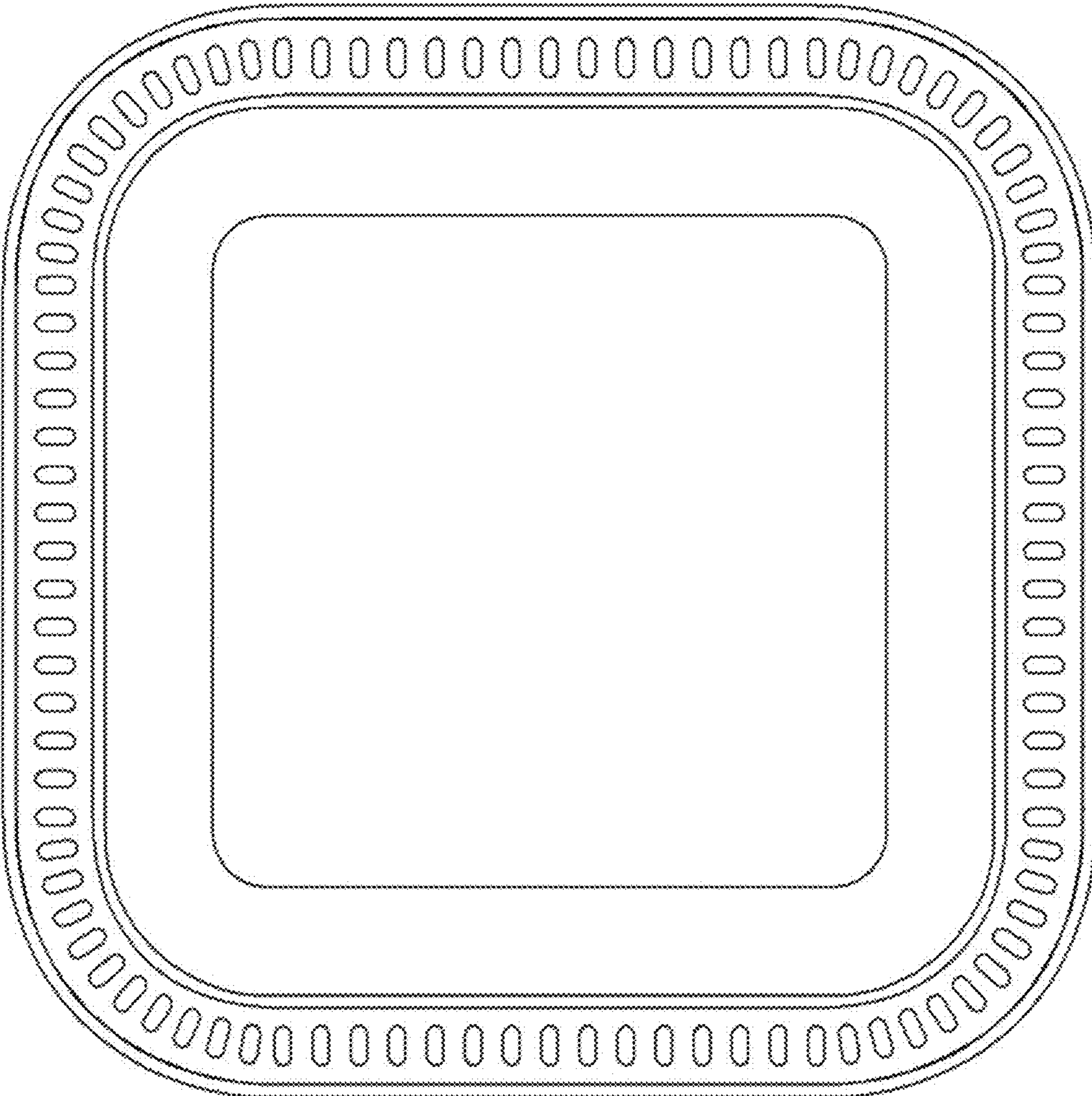


FIG. 4

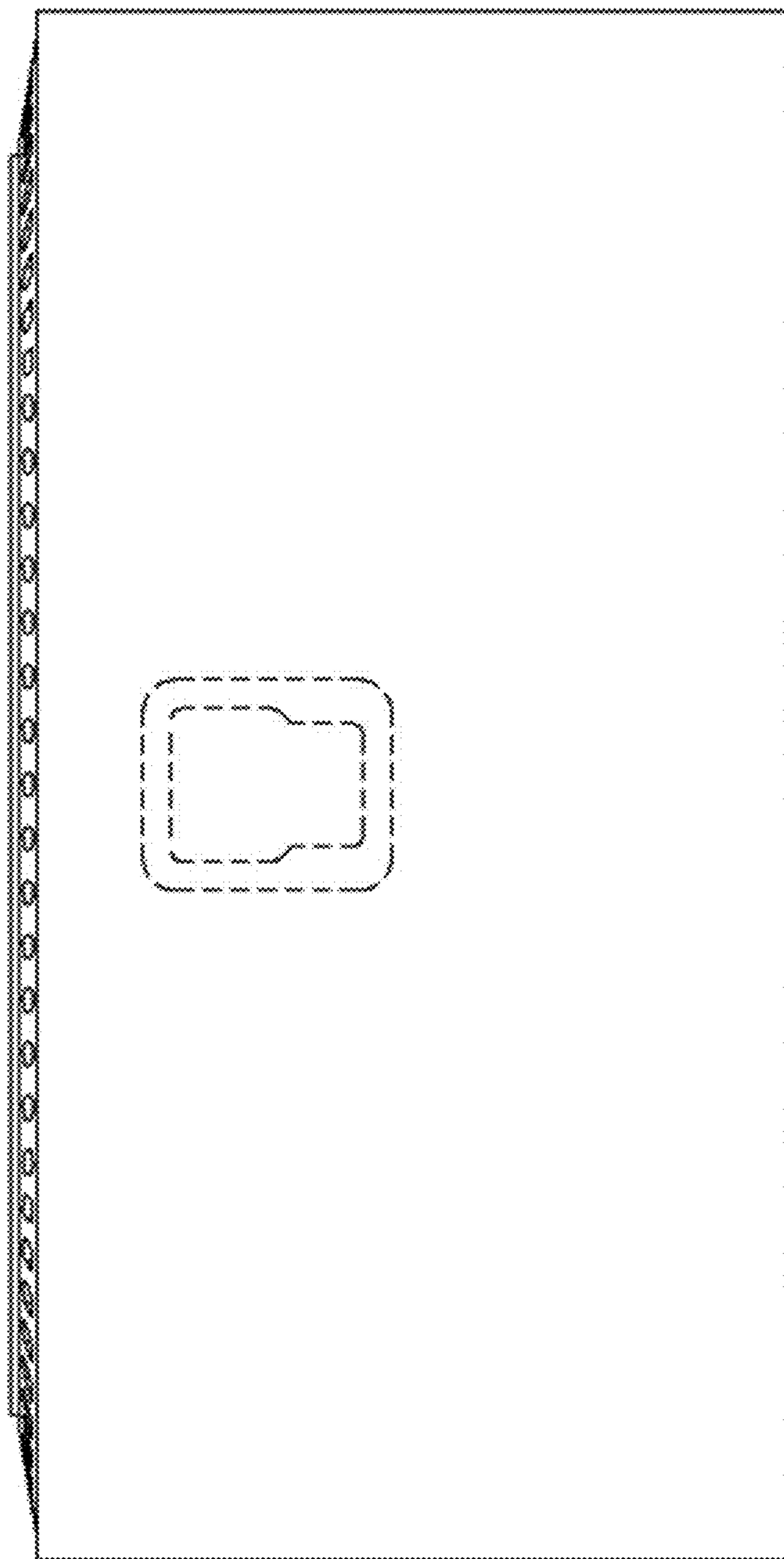


FIG. 5

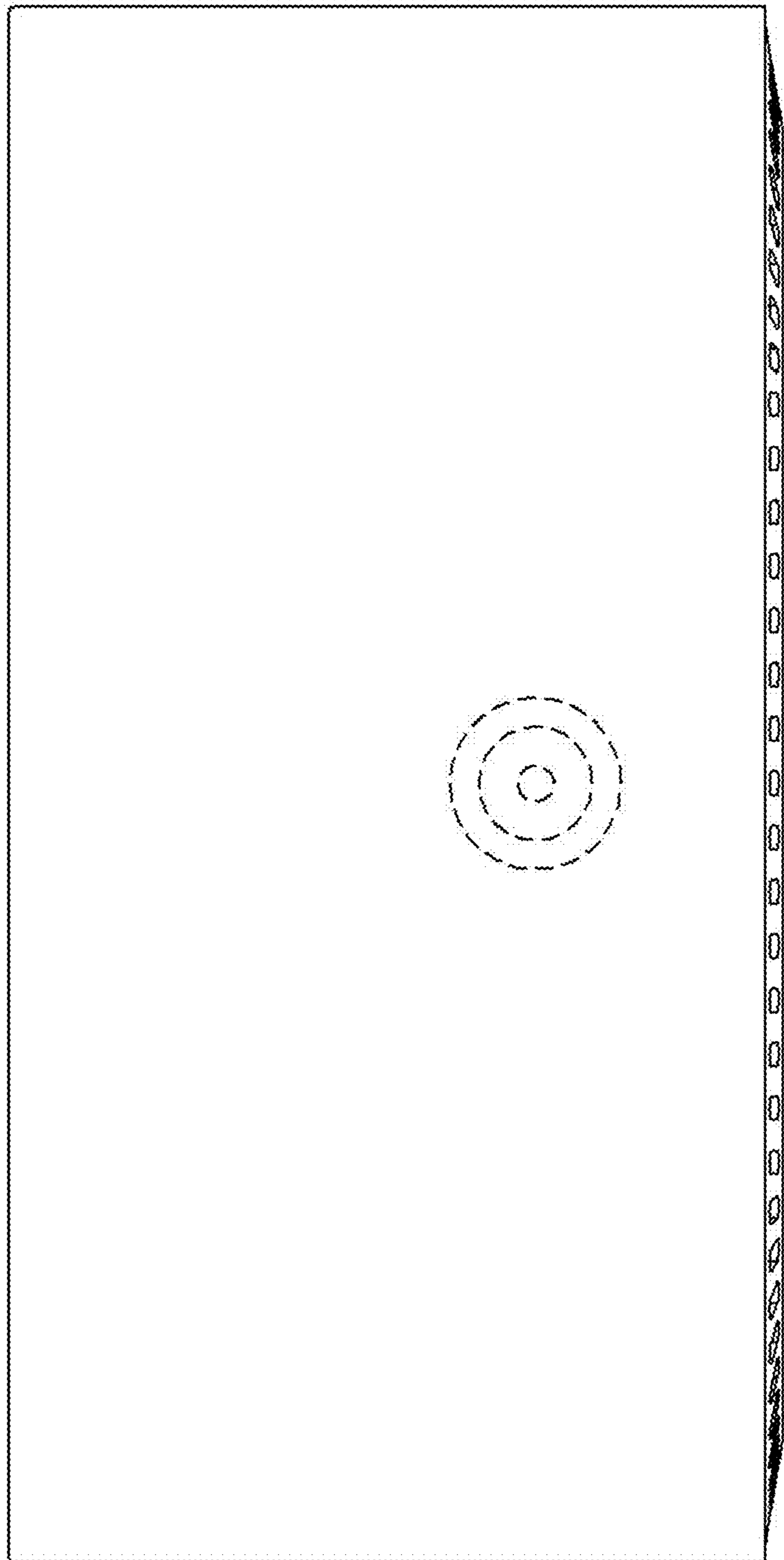


FIG. 6

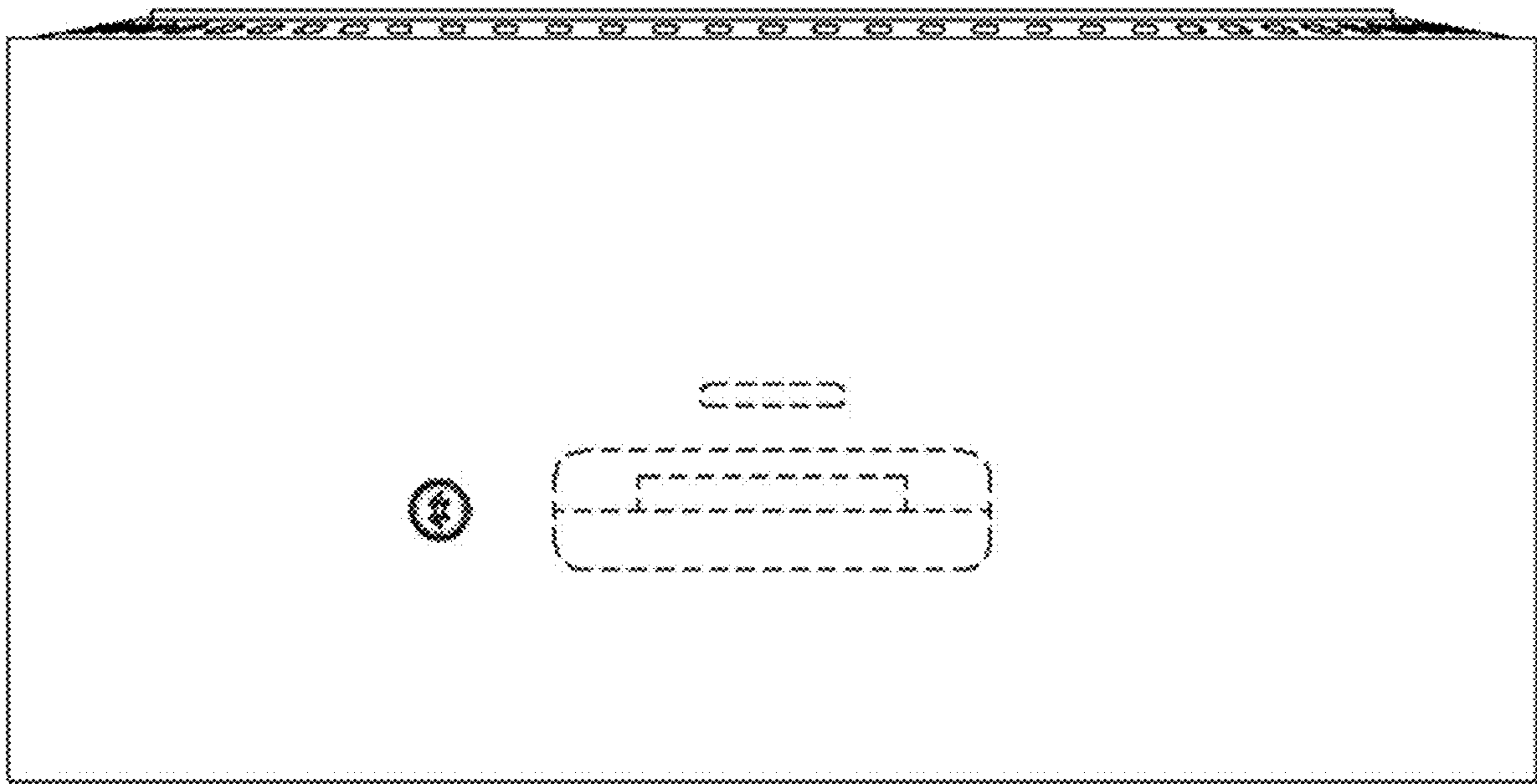


FIG. 7

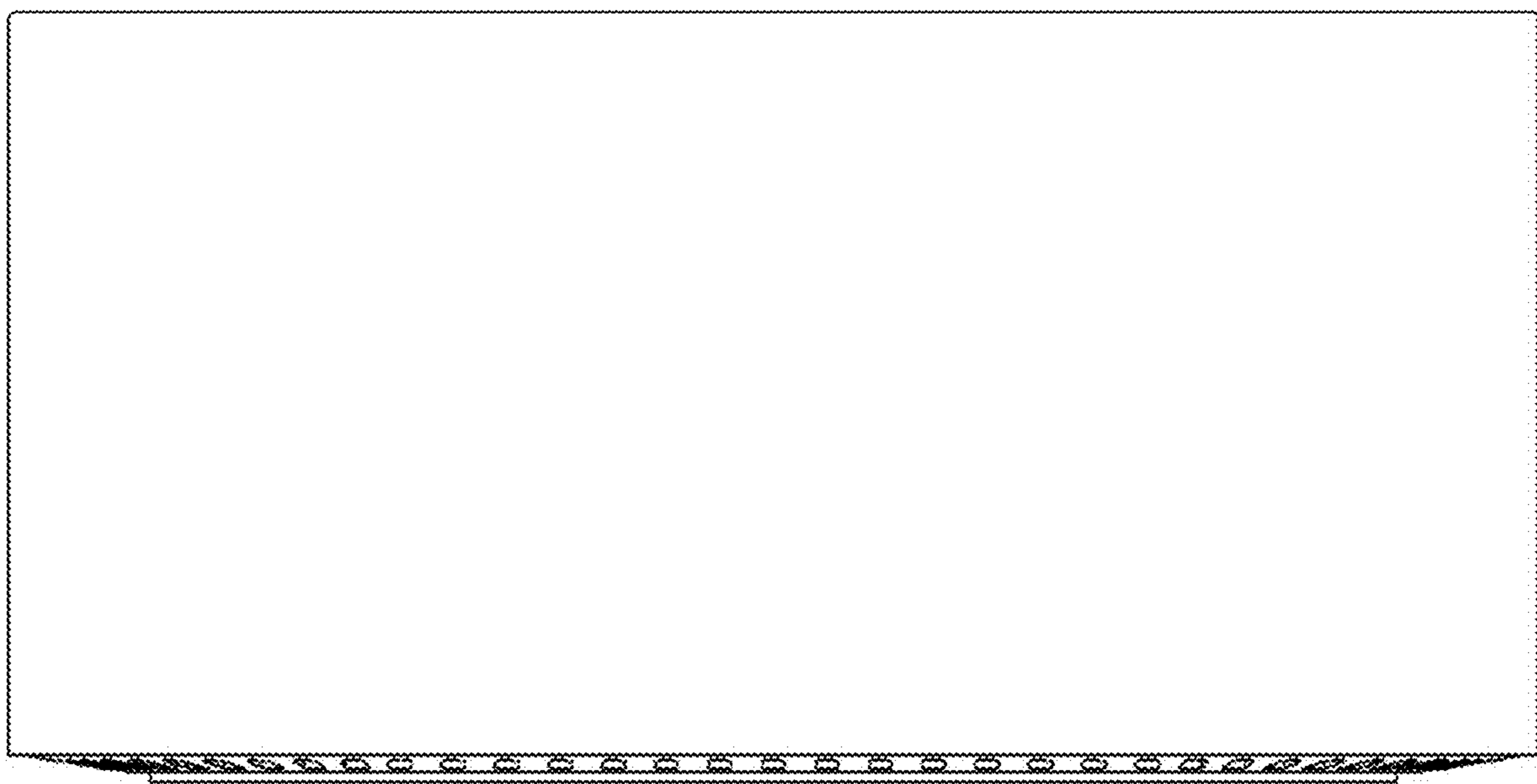


FIG. 8