



US00D926399S

(12) **United States Design Patent**
Luo

(10) **Patent No.:** **US D926,399 S**
(45) **Date of Patent:** **** Jul. 27, 2021**

- (54) **VACUUM MACHINE**
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- (72) Inventor: **Tianxu Luo**, Guangde (CN)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/716,601**
- (22) Filed: **Dec. 11, 2019**
- (51) **LOC (13) Cl.** **15-05**
- (52) **U.S. Cl.**
USPC **D32/21**
- (58) **Field of Classification Search**
USPC D32/17, 18, 19, 21, 22, 23, 31; D7/509,
D7/511, 590, 608; D8/70; D14/213,
D14/214, 215
CPC ... A47L 5/24; A47L 5/365; A47L 5/38; A47L
7/0023; A47L 7/0047; A47L 7/0052;
A47L 7/009; A47L 9/0036; A47L 9/0673;
A47L 9/127; A47L 9/1409; A47L 9/1683;
A47L 9/1666; A47L 11/22; A47L 11/30;
B01D 2279/55; B04C 5/08; B04C 5/18;
B04C 2009/004; B23Q 11/0046; B23Q
11/0071; Y10S 55/03; E04H 4/1636
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 2,307,538 A * 1/1943 Paulus A47L 9/22
248/634
- D149,477 S * 5/1948 Dreyfus D32/24
- D149,479 S * 5/1948 Dreyfus D32/24
- D150,220 S * 7/1948 Geistert D32/24
- 2,464,401 A * 3/1949 Kelly A47L 9/22
415/201
- D158,134 S * 4/1950 Schory D32/24
- D158,441 S * 5/1950 Cherry D32/24
- D175,495 S * 9/1955 Conord D32/24
- D235,409 S * 6/1975 Mims D32/21
- D399,392 S * 10/1998 Husted D7/511

- 6,171,375 B1 * 1/2001 Howie A47L 9/122
15/347
 - D455,711 S * 4/2002 Fuhr D13/103
 - D521,695 S * 5/2006 Jacobs D32/21
- (Continued)

FOREIGN PATENT DOCUMENTS

- CN 305408727 * 10/2019
- CN 305707576 * 7/2020
- CN 306072013 * 9/2020

OTHER PUBLICATIONS

DiKaou Bedside Lamp with Bluetooth Speaker, available in Amazon.com, date first available Nov. 15, 2018 [online], [site visited May 28, 2021], Available from the internet UR: (Year: 2018) https://www.amazon.com/DiKaou-Bedside-Bluetooth-Dimmable-Changing/dp/B07JR2V6S8/ref=sr_1_4?dchild=1&keywords=DiKaou+Bedside+Lamp+with+Bluetooth+Speaker&qid=1622577021&s=hi&sr=1-4 (Year: 2018).*

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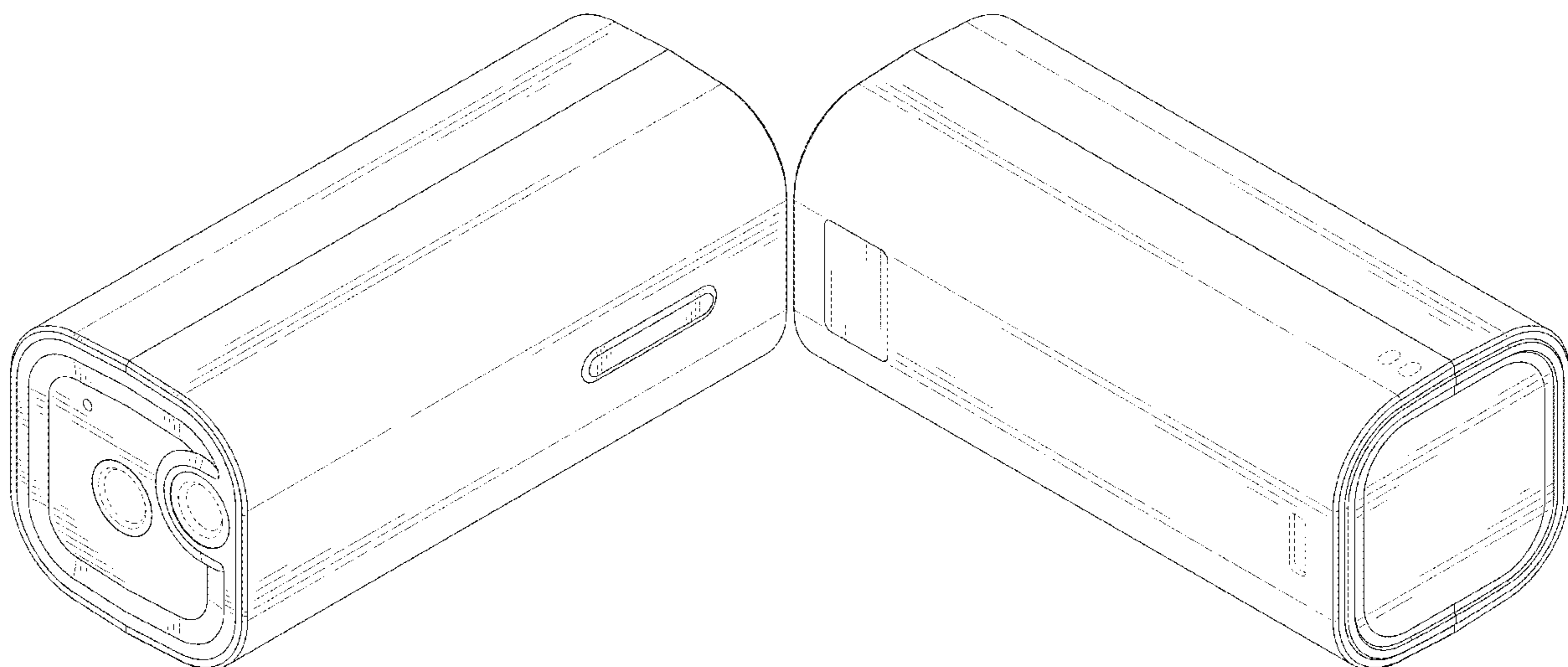
(57) **CLAIM**

The ornamental design for a vacuum machine, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a vacuum machine showing my new design;
FIG. 2 is another 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 depict portions of the vacuum machine that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D527,502 S * 8/2006 Yoshimoto D32/18
D631,700 S * 2/2011 Flick D7/523
D668,913 S * 10/2012 Mayer D7/510
D719,932 S * 12/2014 Osborn D14/214
D721,056 S * 1/2015 Lee D14/210
D721,061 S * 1/2015 Burlingame D14/216
D746,263 S * 12/2015 Carbone D14/214
D749,056 S * 2/2016 Xin D14/214
D767,535 S * 9/2016 Koo D14/214
D806,767 S * 1/2018 McMorris D15/128
D865,148 S * 10/2019 Yoon D23/364
D868,402 S * 11/2019 Luo D32/18
D884,208 S * 5/2020 Xie D24/217

OTHER PUBLICATIONS

D-Link WiFi Router AC1900, available in Amazon.com, date first available Oct. 7, 2020 [online], [site visited Jun. 2, 2021], Available from the internet . . . (Year: 2020) URL: https://www.amazon.com/D-Link-Performance-Parental-Controls-DIR-L1900-US/dp/B08KTX3SX7/ref=sr_1_74?dchild=1&keywords=wifi%2Brouter&qid=1622656786&sr=8-74&th=1 (Year: 2020).*

NETGEAR Orbi Pro WiFi 6 Tri-Band Mesh Add-on Satellite for Business or Home, available in Amazon.com, date first available Sep. 3, 2020 [online], [site visited Jun. 2, 2021], Available from the internet . . . (Year: 2020) URL: https://www.amazon.com/NETGEAR-Tri-Band-Satellite-Business-Coverage/dp/B08FWLCGLW/ref=sr_1_1?dchild=1&keywords=NETGEAR+Orbi+Pro+WiFi+6+Tri-Band+Mesh+Add-on+Satellite+for+Business+or+Home&qid=1622657147&s=electronics&sr=1-1 (Year: 2020).*

* cited by examiner

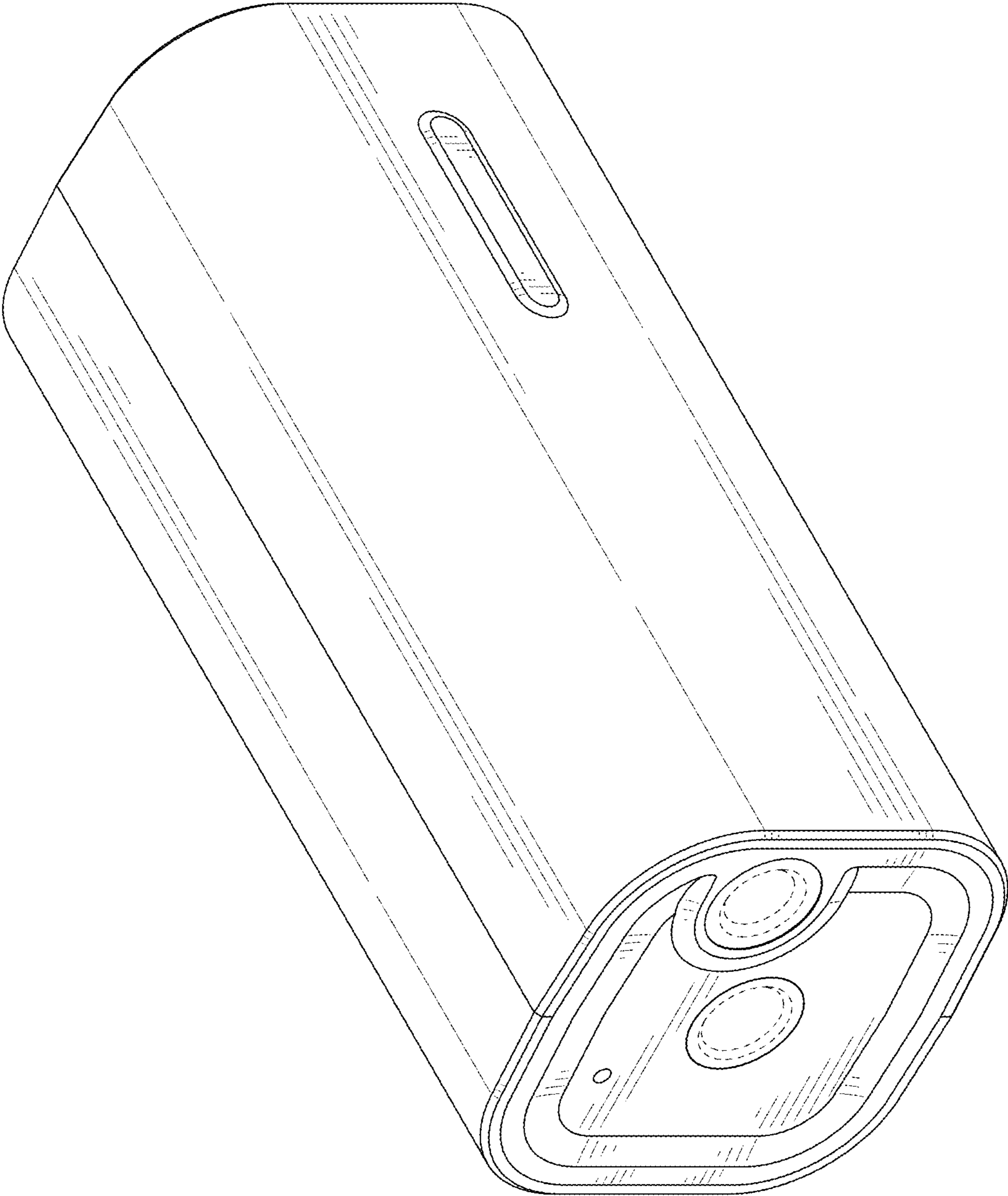


FIG. 1

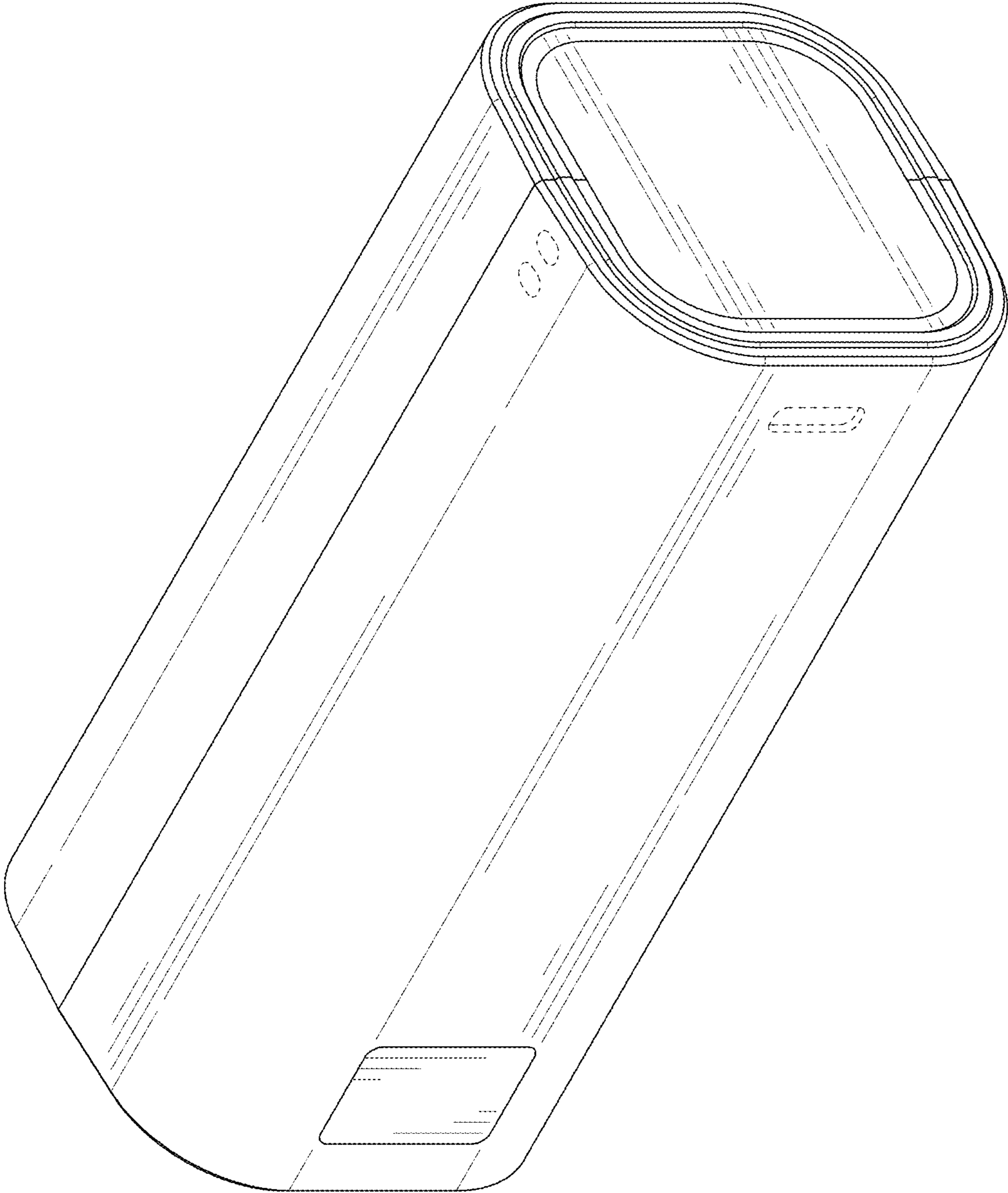


FIG. 2

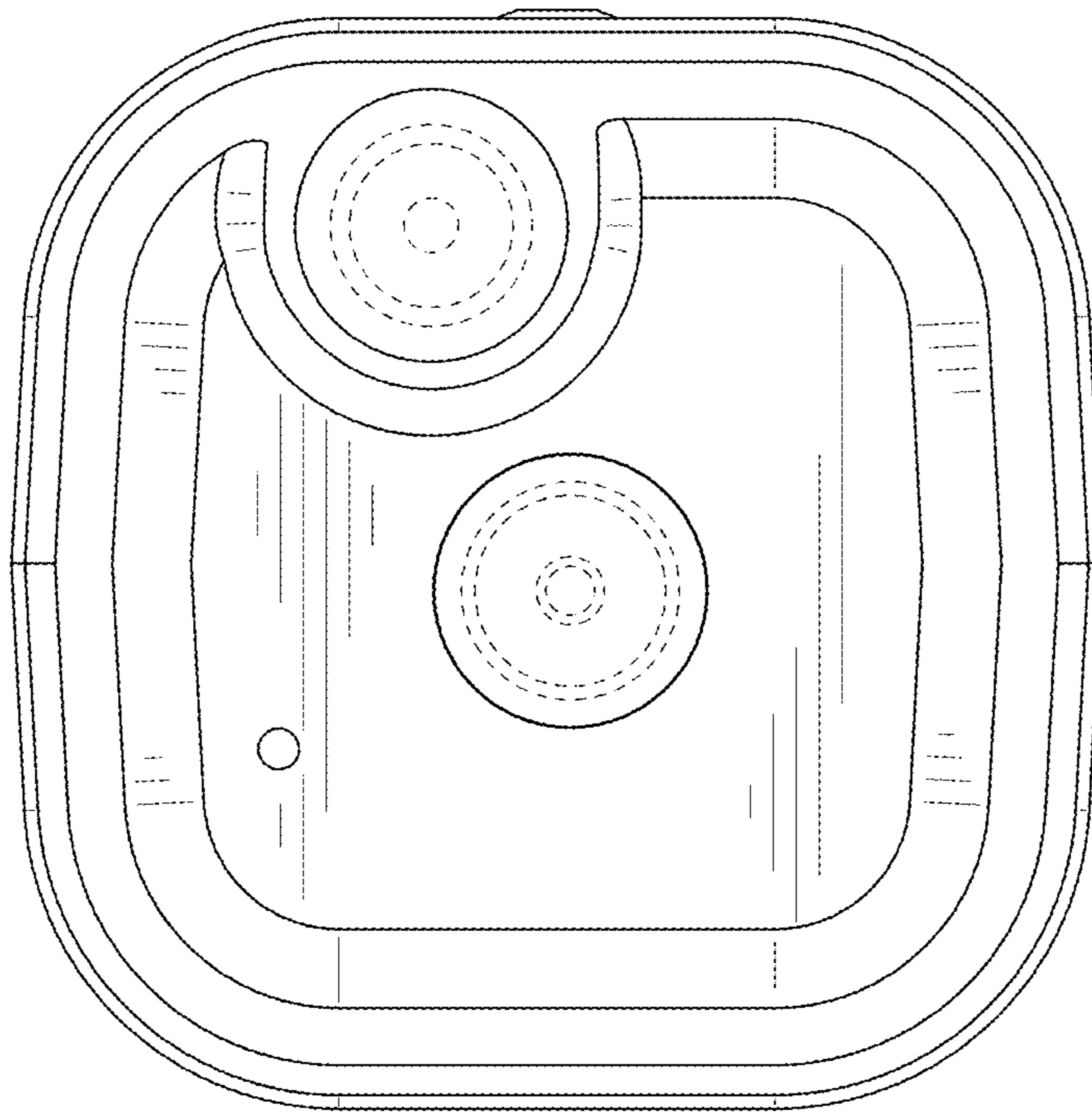


FIG. 3

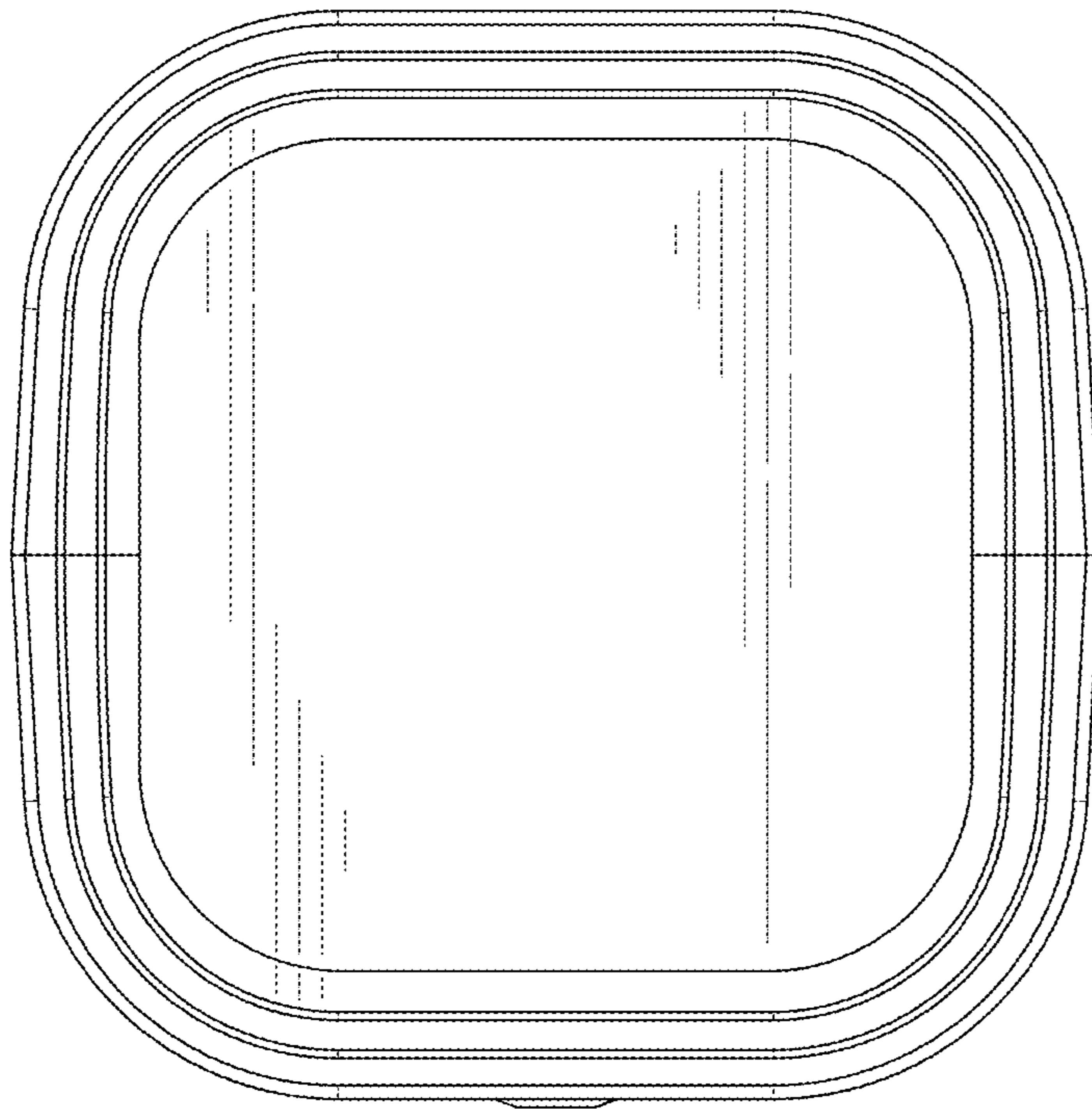


FIG. 4

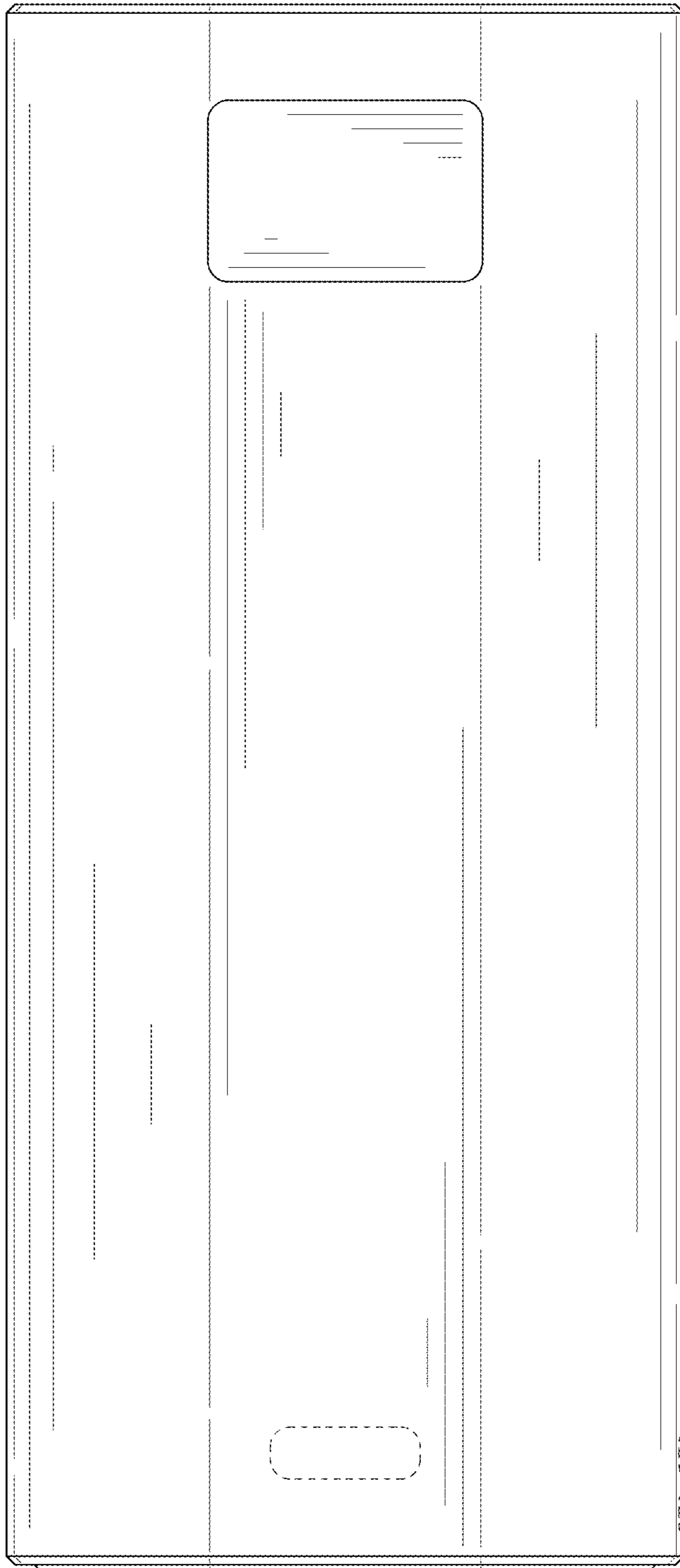


FIG. 5

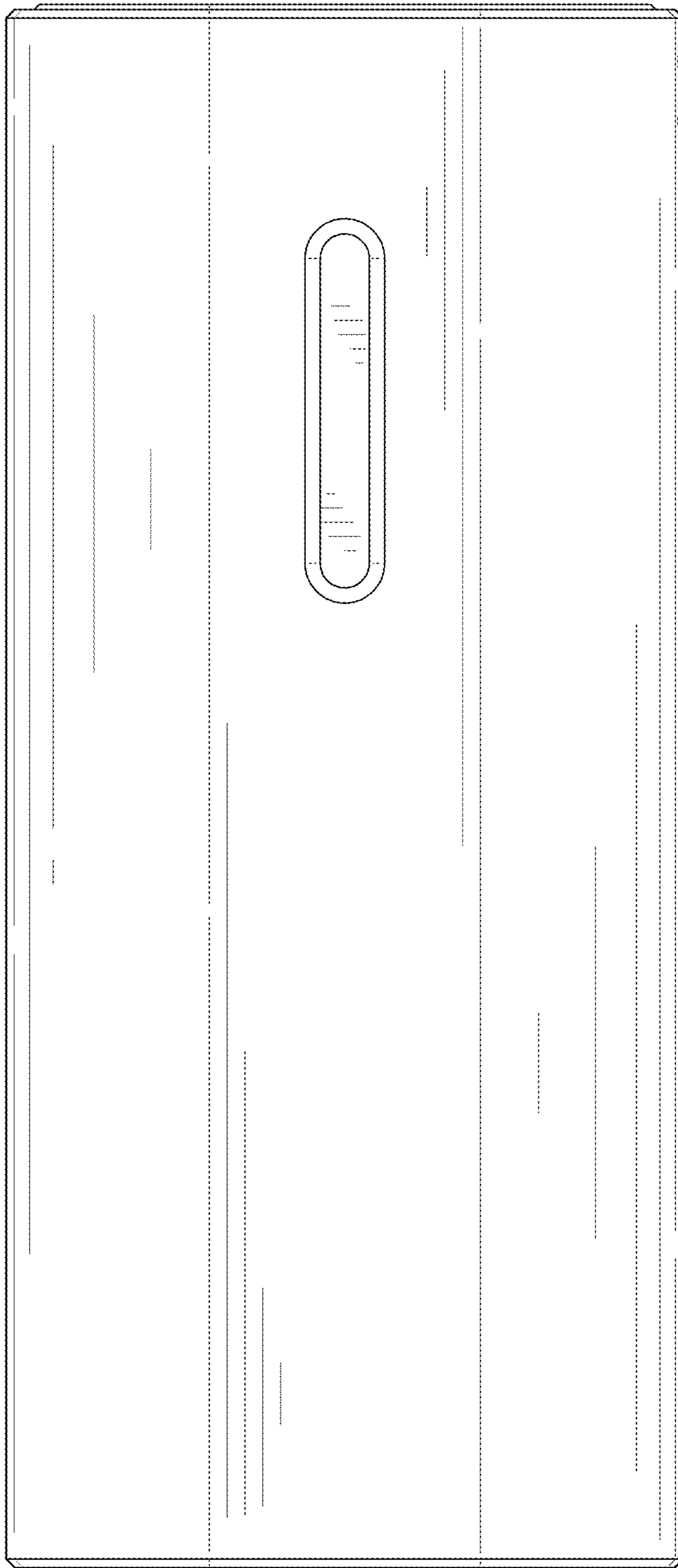


FIG. 6

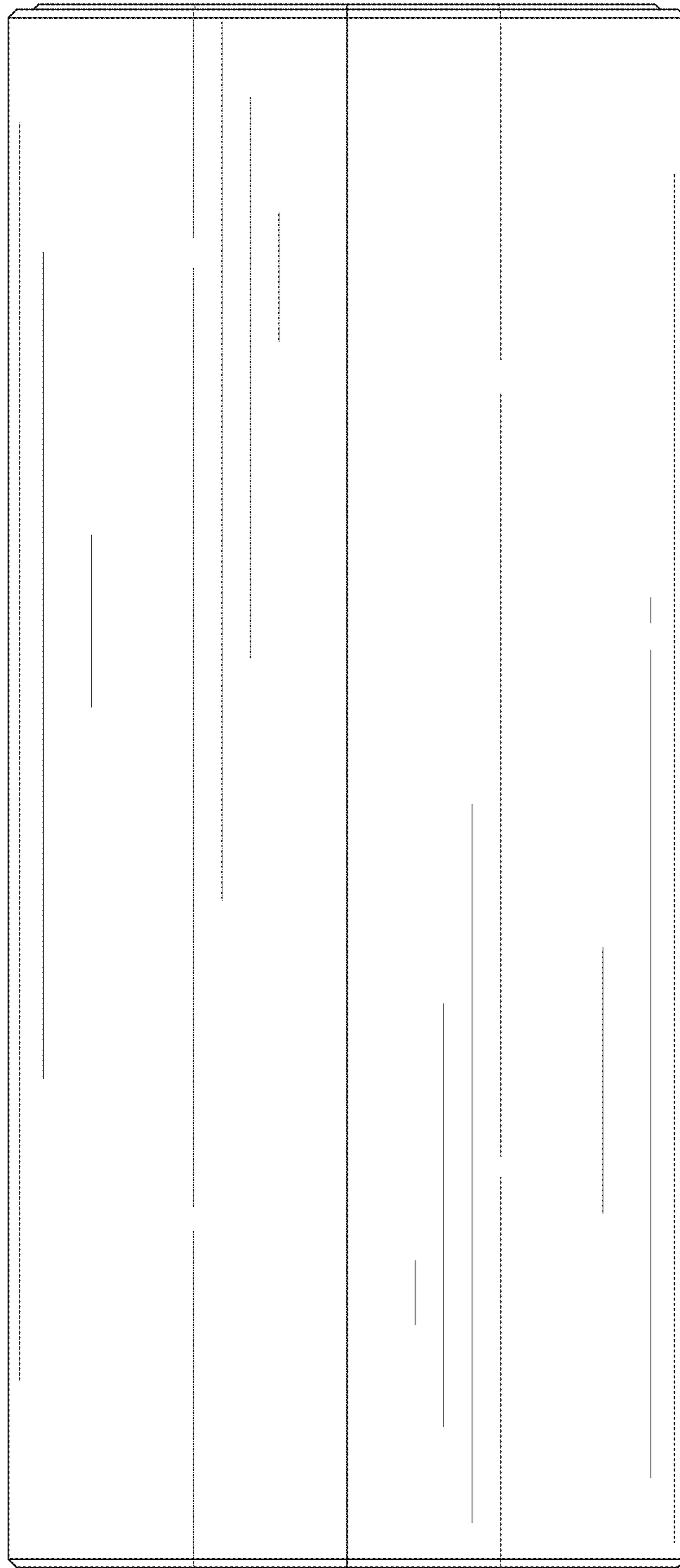


FIG. 7

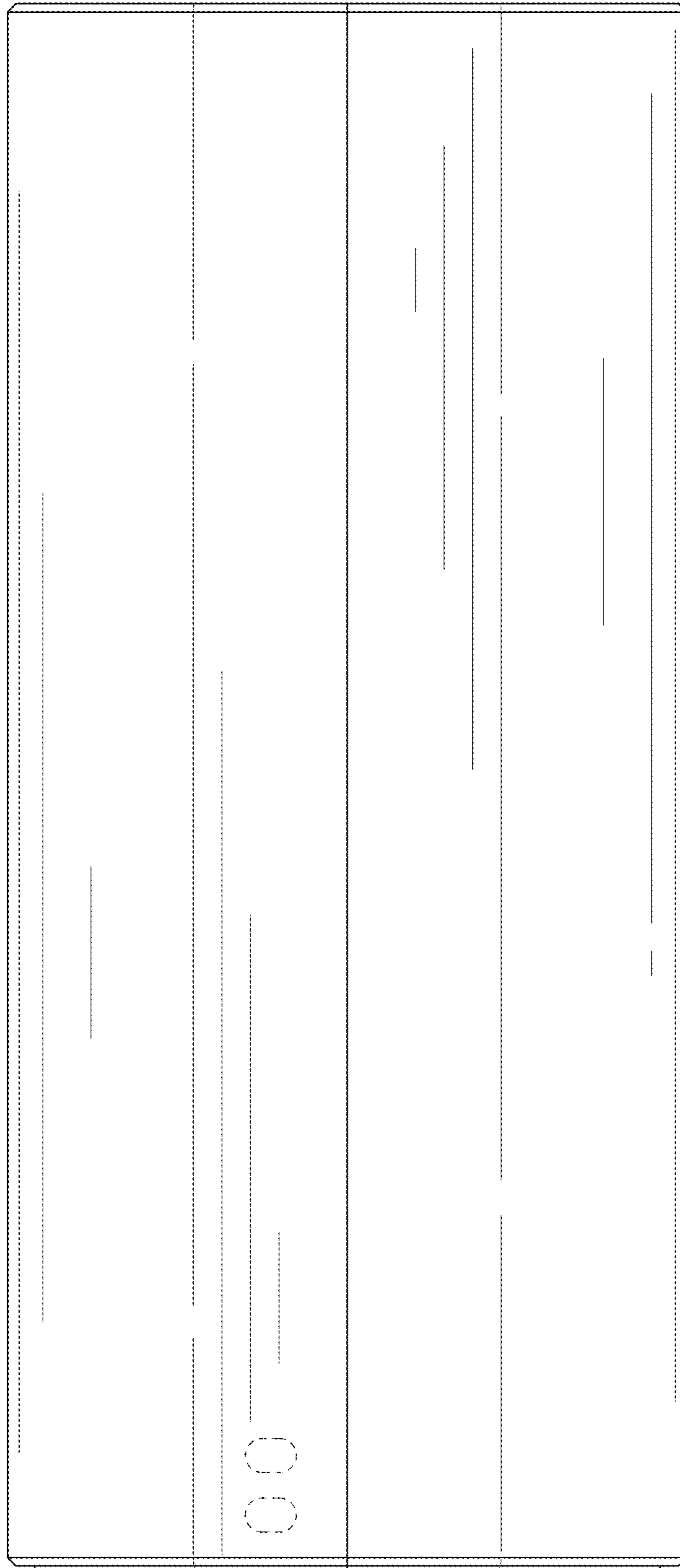


FIG. 8