

US00D932927S

(12) **United States Design Patent** (10) **Patent No.:** **US D932,927 S**  
**Wu et al.** (45) **Date of Patent:** **\*\* Oct. 12, 2021**

(54) **BARBECUE THERMOMETER**

(71) Applicant: **Shenzhen Intellirocks Tech. Co., Ltd.**,  
Shenzhen (CN)

(72) Inventors: **Xiaoting Wu**, Shenzhen (CN);  
**Wenlong Wu**, Shenzhen (CN)

(73) Assignee: **Shenzhen Intellirocks Tech. Co., Ltd.**,  
Shenzhen (CN)

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

(21) Appl. No.: **29/759,359**

(22) Filed: **Nov. 23, 2020**

(51) **LOC (13) Cl.** ..... **10-04**

(52) **U.S. Cl.**  
USPC ..... **D10/57**

(58) **Field of Classification Search**  
USPC ..... D10/46, 49-60, 81; D14/170, 171, 172  
CPC ..... H04N 5/332; H04N 21/2143; H04N  
21/42221; H04N 21/4516; H04N  
21/4343; H04N 21/43637; H04N 5/3651;  
G01J 5/021; G01J 5/048; G01J 5/028;  
G01J 5/0011; G01J 5/0265; G01K 1/024;  
G01K 2207/06; G01K 1/00; G01K 1/02;  
G01K 7/18; G01K 9/00; G01K 1/026;  
G01K 2207/02; G01K 7/427; G01K  
15/00; G01K 2207/00; G01K 1/086;  
A61F 2007/0096; A41D 19/0027; A61D  
13/00; G04B 47/06; G04B 47/068; G04B  
47/008; A47J 43/288; G07C 1/00; A61B  
5/01; A61B 5/6817; H04W 84/12; G06F  
3/04847; G05D 23/1902; G05D 23/1917;  
F24F 2221/32

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D727,259 S \* 4/2015 Hwang ..... D13/108  
D729,216 S \* 5/2015 Peng ..... D14/240  
D732,512 S \* 6/2015 Fariello ..... D14/230

(Continued)

**FOREIGN PATENT DOCUMENTS**

CN 305384686 \* 10/2019  
EM 003780519-0002 \* 3/2017

(Continued)

**OTHER PUBLICATIONS**

ThermoPro 500ft Long Range Bluetooth Meat Thermometer, Date first available Sep. 25, 2020, [online]retrieved Aug. 10, 2021, available from [https://www.amazon.com/dp/B08K2G5Y78/ref=sspa\\_dk\\_detai\\_0?psc=1&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUEyMEtPVU8wRVdOWU1ZJmVuY3J5cHRIZEIkPUEXMDE1MjM0NIA0JmVuY3J5cHRIZEFkSWQ9](https://www.amazon.com/dp/B08K2G5Y78/ref=sspa_dk_detai_0?psc=1&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUEyMEtPVU8wRVdOWU1ZJmVuY3J5cHRIZEIkPUEXMDE1MjM0NIA0JmVuY3J5cHRIZEFkSWQ9) (Year: 2020).\*

(Continued)

*Primary Examiner* — Keli L Hill

*Assistant Examiner* — Sara S Sahneh

(74) *Attorney, Agent, or Firm* — Kilpatrick Townsend & Stockton LLP

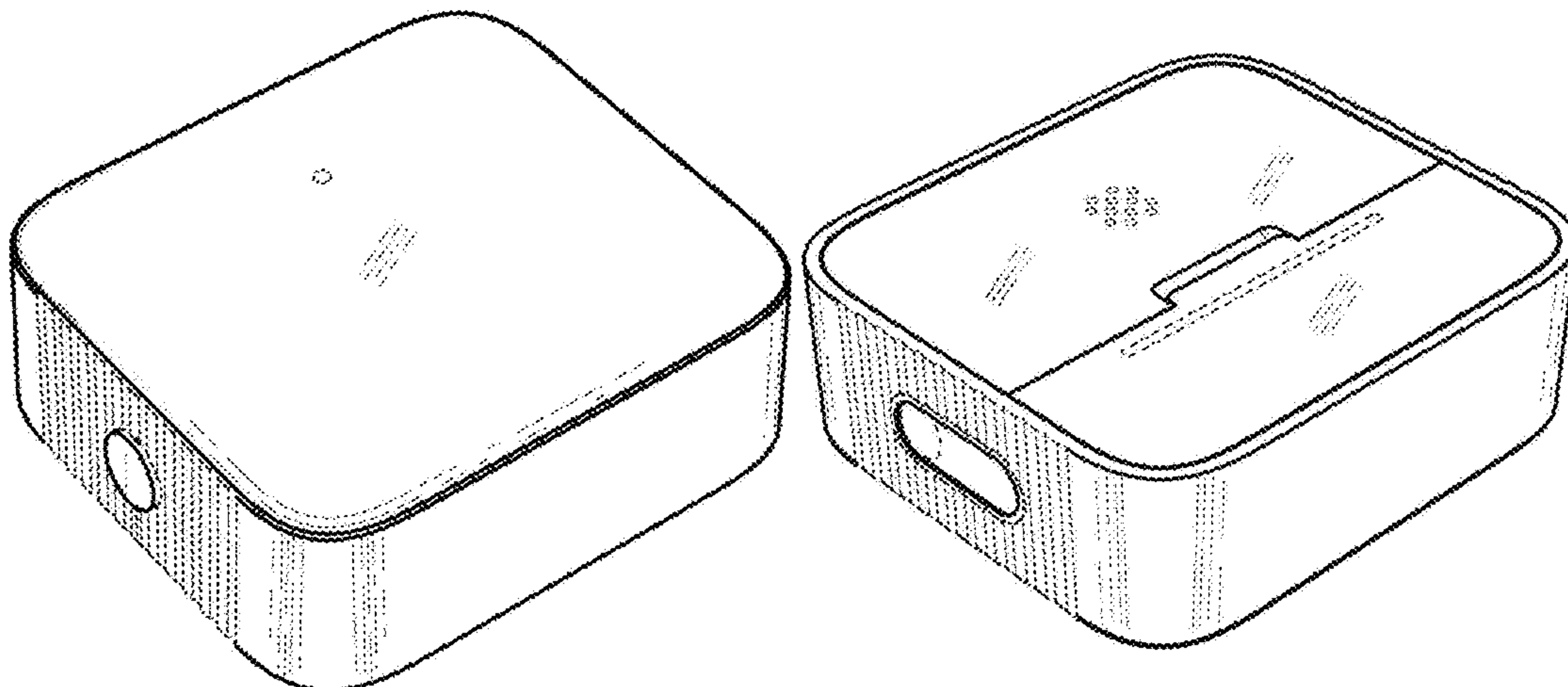
(57) **CLAIM**

The ornamental design for a barbecue thermometer, as shown and described.

**DESCRIPTION**

FIG. 1 is a front view of a barbecue thermometer, showing our new design;  
FIG. 2 is a back view thereof;  
FIG. 3 is a left view thereof;  
FIG. 4 is a right view thereof;  
FIG. 5 is a top view thereof;  
FIG. 6 is a bottom view thereof;  
FIG. 7 is a front perspective view thereof; and,  
FIG. 8 is a back perspective thereof.  
The broken line showing of the barbecue thermometer is for the purpose of illustrating unclaimed portions of the barbecue thermometer and forms no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D738,755 S \* 9/2015 Druce ..... D10/50  
 D758,217 S \* 6/2016 Kumfer ..... D10/50  
 D764,952 S \* 8/2016 Virhia ..... D10/46  
 D764,953 S \* 8/2016 Virhia ..... D10/46  
 D778,185 S \* 2/2017 Ookawa ..... D10/70  
 D784,258 S \* 4/2017 Vienna ..... D13/108  
 D786,803 S \* 5/2017 Kim ..... D13/168  
 D802,450 S \* 11/2017 Boynton ..... D10/50  
 D828,816 S \* 9/2018 Spors ..... D13/162  
 D858,319 S \* 9/2019 Liu ..... D10/57  
 D859,379 S \* 9/2019 Fidler ..... D14/242  
 D863,990 S \* 10/2019 Hu ..... D10/52  
 D865,667 S \* 11/2019 Roberts ..... D13/108  
 D871,933 S \* 1/2020 Zhang ..... D10/50  
 D885,943 S \* 6/2020 Yu ..... D10/57  
 D912,621 S \* 3/2021 Qiu ..... D13/108  
 D922,947 S \* 6/2021 Wang ..... D13/108  
 D924,159 S \* 7/2021 Byrne ..... D13/146  
 2021/0176502 A1 \* 6/2021 Fang ..... H04W 88/16

FOREIGN PATENT DOCUMENTS

EM 003780519-0004 \* 3/2017  
 EM 003780519-0006 \* 3/2017

EM 005282019-0010 \* 5/2018  
 EM 005523545-0004 \* 8/2018  
 EM 008479976-0003 \* 3/2021

OTHER PUBLICATIONS

Govee Store, Bluetooth Meat ,Date first available Jun. 15, 2021, [online]retrieved Aug. 18, 2021,available from [https://www.amazon.com/dp/B08X4P4927/ref=emc\\_b\\_5\\_t](https://www.amazon.com/dp/B08X4P4927/ref=emc_b_5_t) (Year: 2021).\*

Inkbird Store,WiFi Grill Thermometer,Date first available Nov. 26, 2019, [online]retrieved Aug. 10, 2021,available from [https://www.amazon.com/dp/B0821G4KXX/ref=sspa\\_dk\\_detail\\_8?psc=1&spLa=ZW5jenlwdGVkUXVhbGlmaWVyPUEyQjEyT1o3MUVOQ0dUJmVuY3J5cHRIZEikPUEwNzMzMjkyMkRLSUpZS083WEQzSyZlbnNyeXB0ZWZWRBZEikPUEwNz](https://www.amazon.com/dp/B0821G4KXX/ref=sspa_dk_detail_8?psc=1&spLa=ZW5jenlwdGVkUXVhbGlmaWVyPUEyQjEyT1o3MUVOQ0dUJmVuY3J5cHRIZEikPUEwNzMzMjkyMkRLSUpZS083WEQzSyZlbnNyeXB0ZWZWRBZEikPUEwNz) (Year: 2019).\*

Habor, Digital Meat Thermomete, Date first available Jun. 12, 2019, [online]retrieved Jul. 9, 2021,available from [https://www.amazon.com/dp/B088D9TRXB/ref=sspa\\_dk\\_detail\\_5?psc=1&pd\\_rd\\_j=B088D9TRXB&pd\\_rd\\_w=9x6G5&pf\\_rd\\_p=eff89026-4a7e-4247-9014-41bfda9dafc0&pd\\_rd\\_wg=q1BdO&pf\\_rd\\_r=NHZMDBEMDEZJJHJRY9AQ&pd](https://www.amazon.com/dp/B088D9TRXB/ref=sspa_dk_detail_5?psc=1&pd_rd_j=B088D9TRXB&pd_rd_w=9x6G5&pf_rd_p=eff89026-4a7e-4247-9014-41bfda9dafc0&pd_rd_wg=q1BdO&pf_rd_r=NHZMDBEMDEZJJHJRY9AQ&pd) (Year: 2019).\*

\* cited by examiner

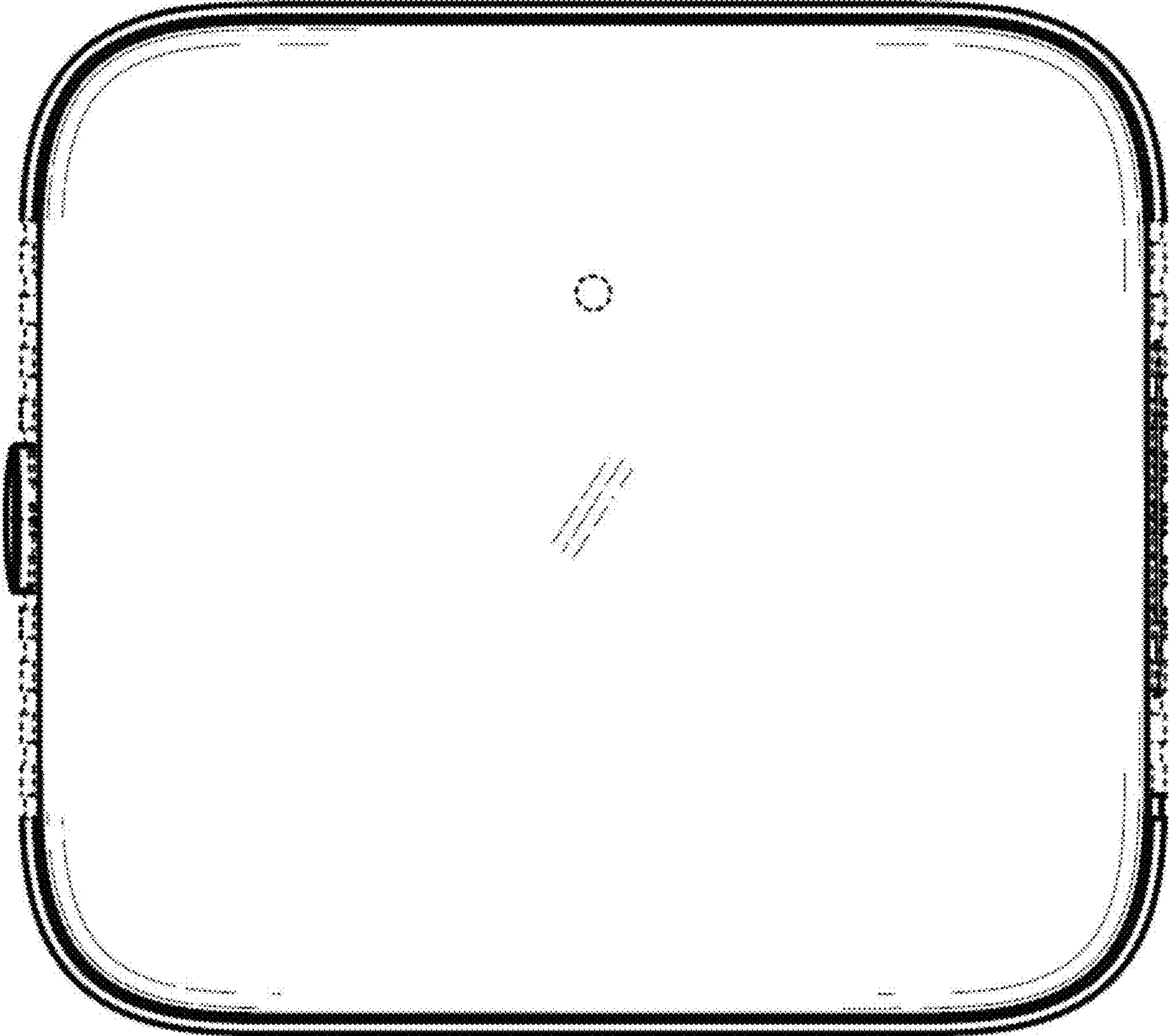


FIG. 1



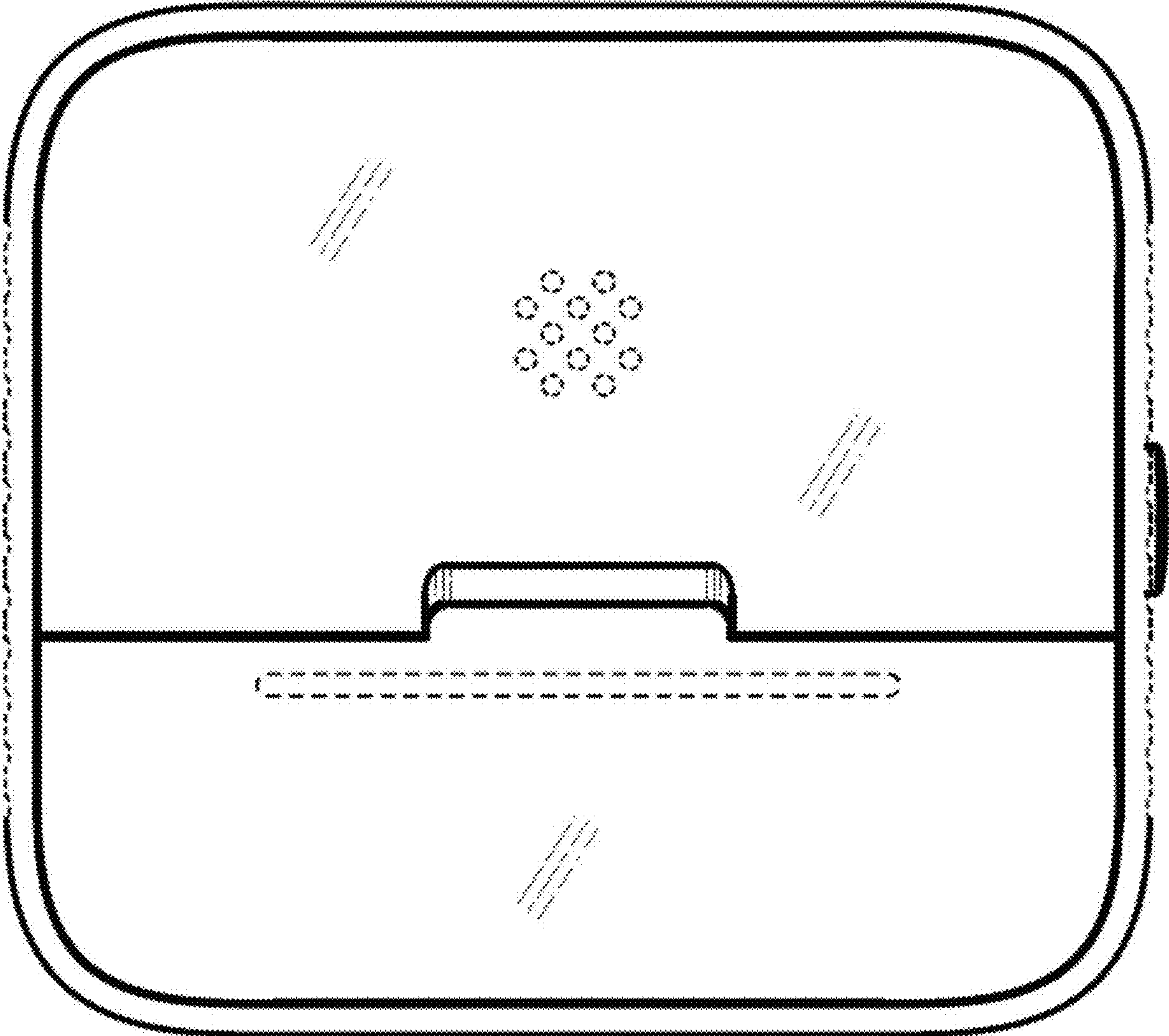


FIG. 2

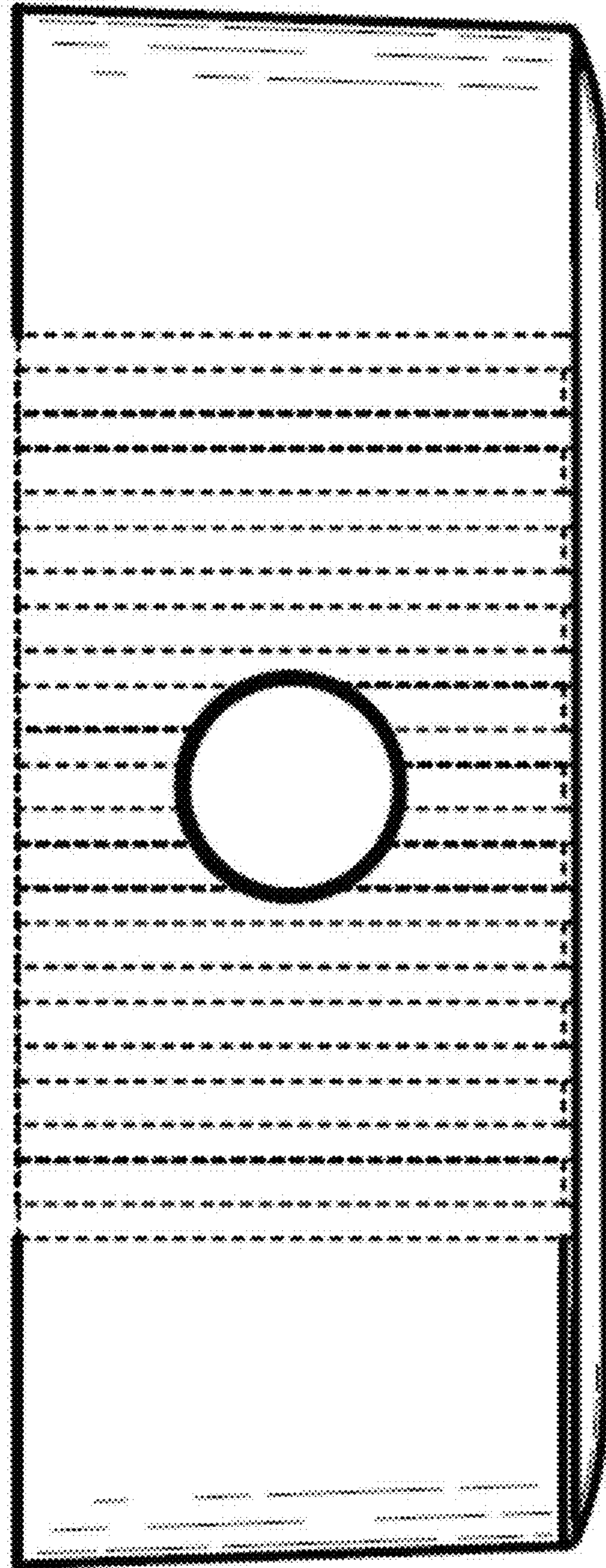


FIG. 3

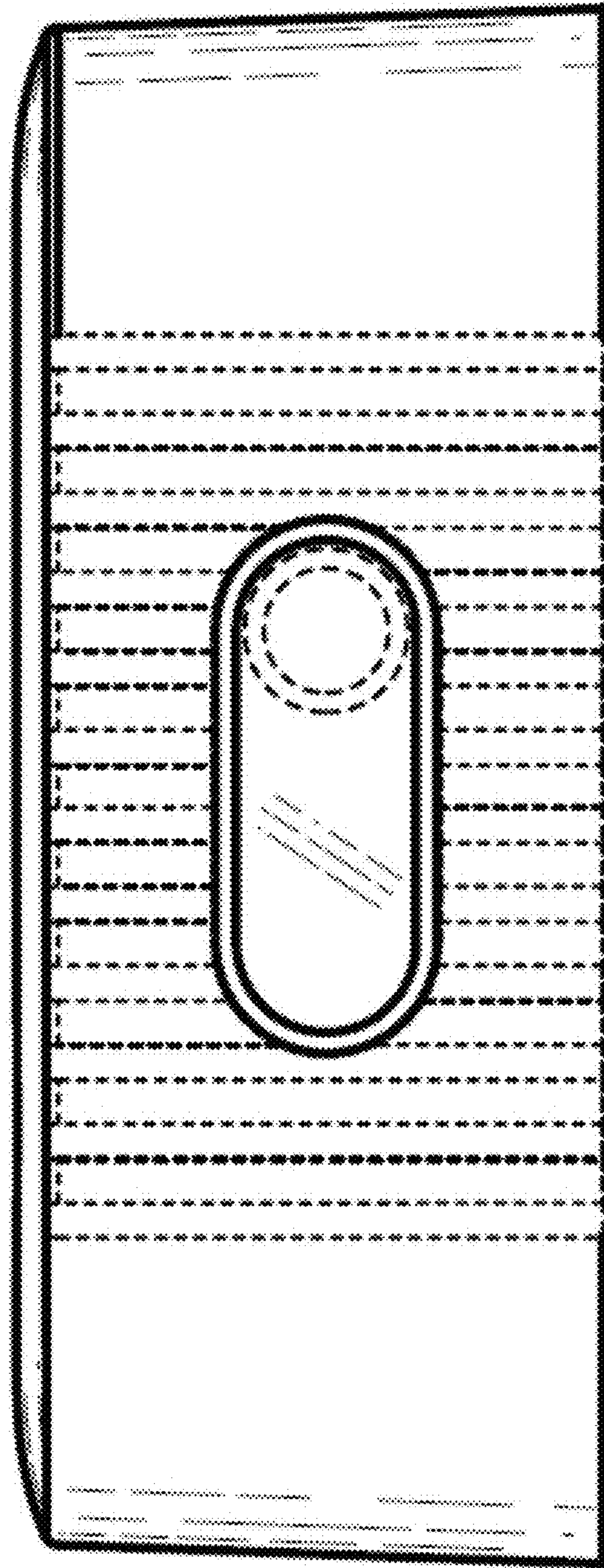


FIG. 4

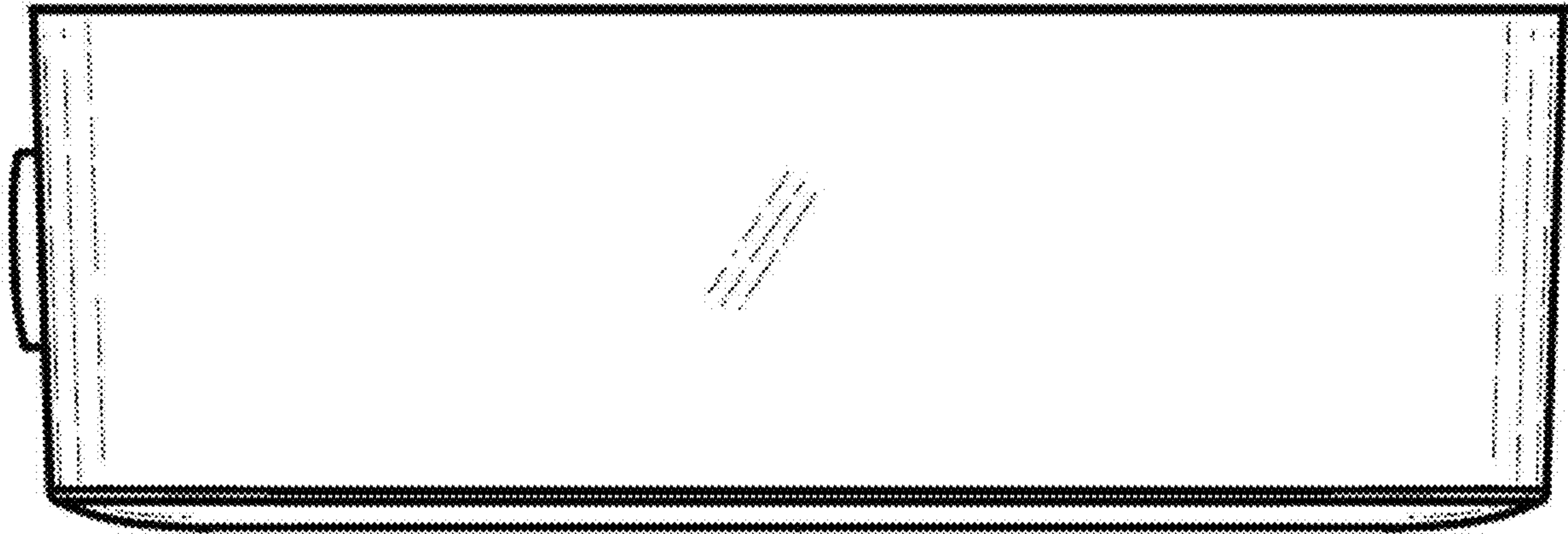


FIG. 5

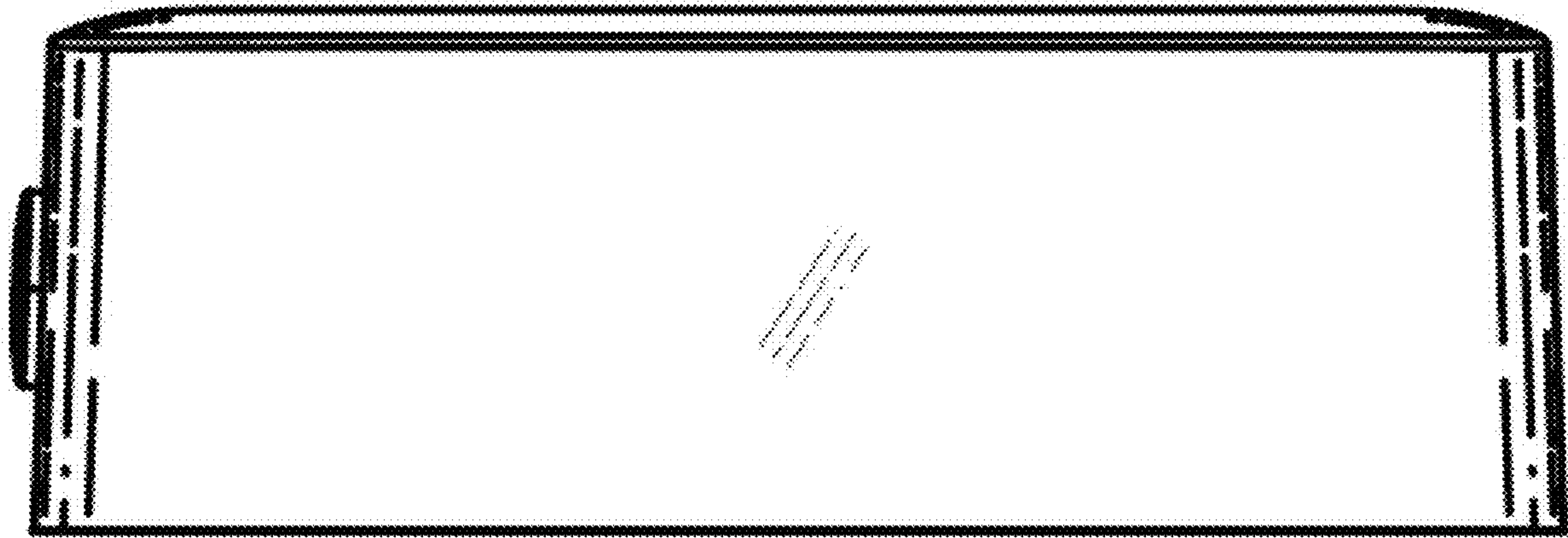


FIG. 6



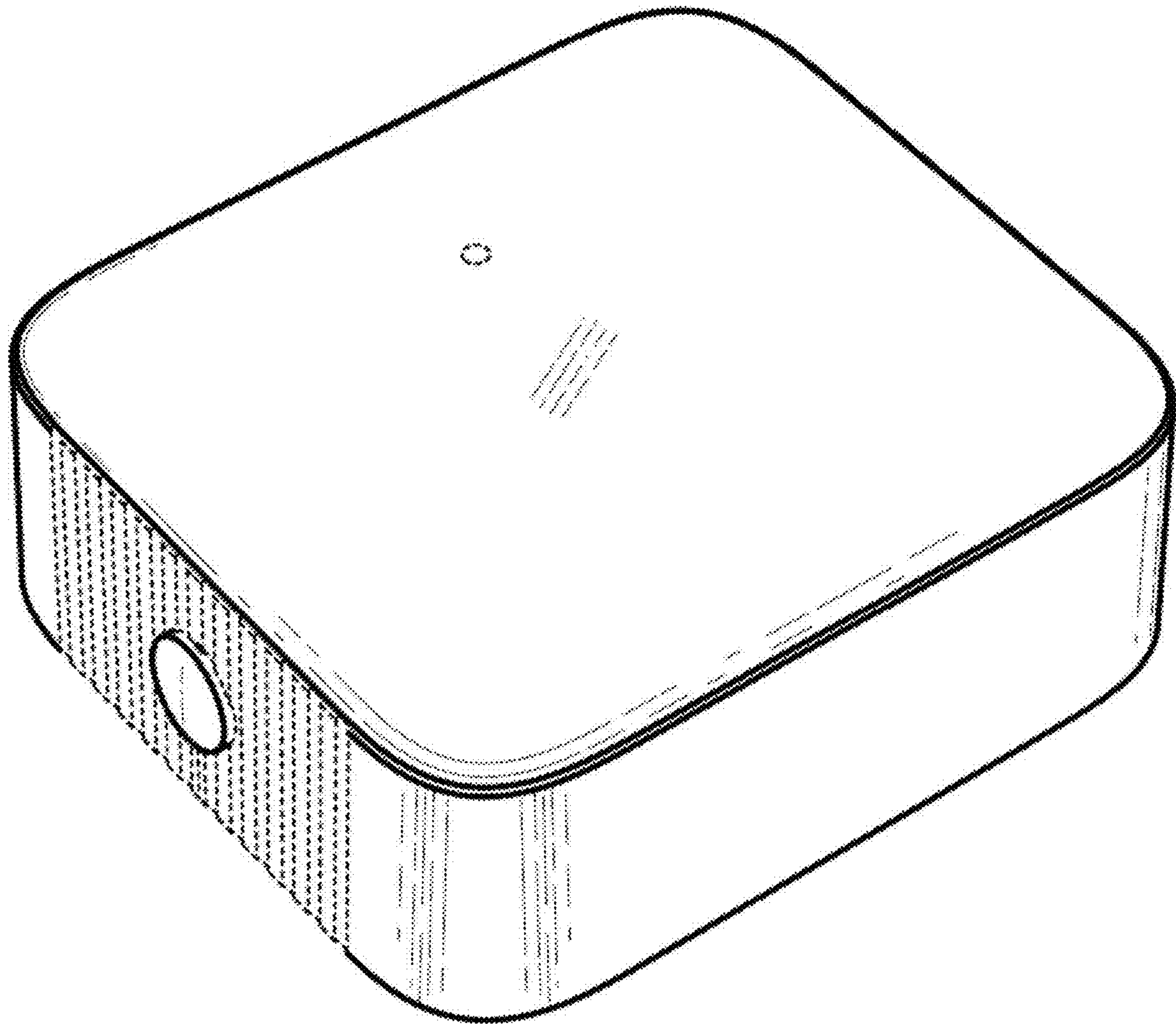


FIG. 7

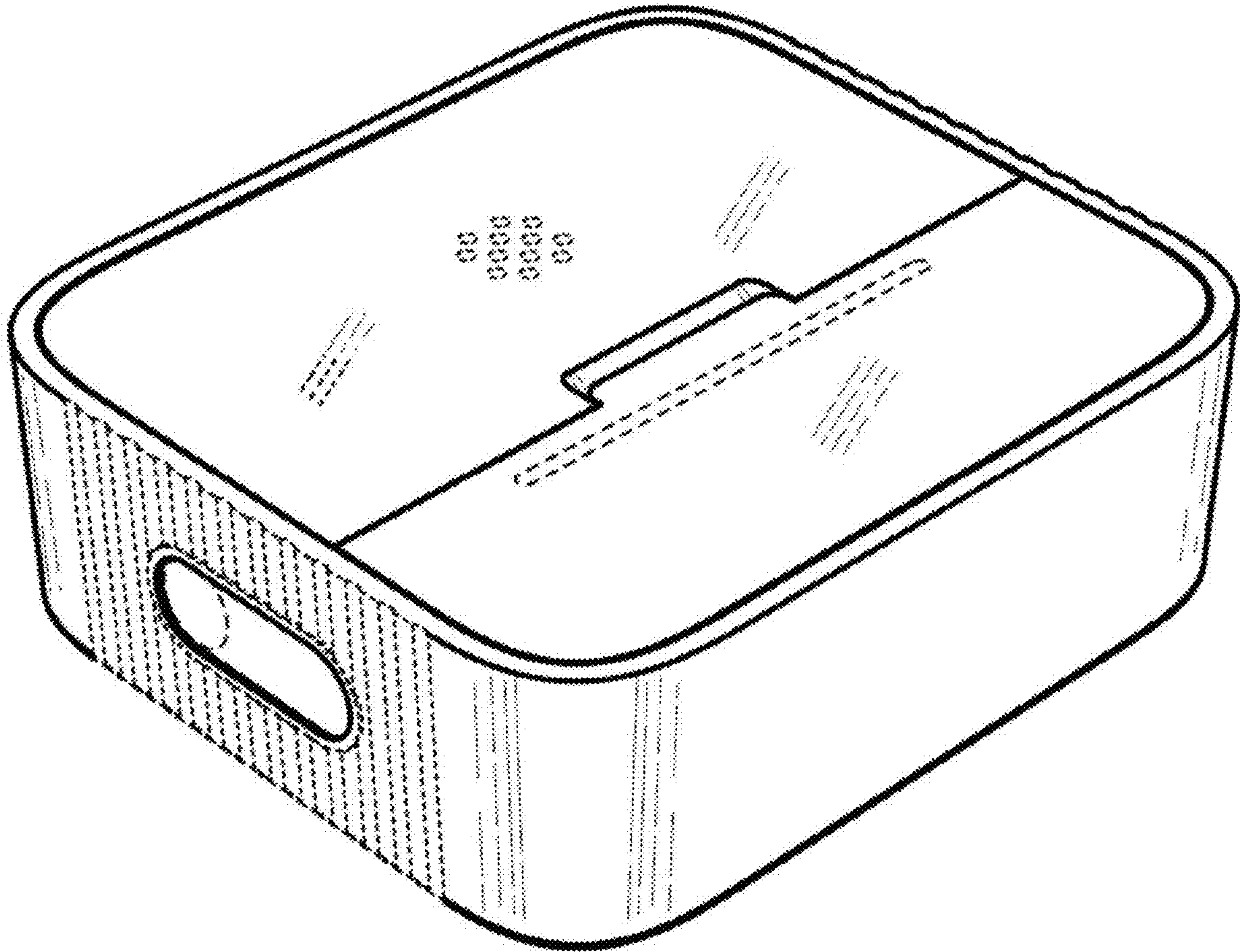


FIG. 8