



US00D902168S

(12) **United States Design Patent** (10) **Patent No.:** **US D902,168 S**
Yuan et al. (45) **Date of Patent:** **** Nov. 17, 2020**

(54) **MOBILE TERMINAL**

D749,571 S * 2/2016 Park D14/203.4
D749,575 S * 2/2016 Park D14/203.4
D767,525 S * 9/2016 Byun D14/138 AB

(71) Applicant: **SHENZHEN ROYOLE TECHNOLOGIES CO. LTD.**,
Guangdong (CN)

(Continued)

(72) Inventors: **Hao Yuan**, Guangdong (CN); **Yijing Li**, Guangdong (CN)

OTHER PUBLICATIONS

The foldable Royole FlexPai has a way to go, The Verge, Published Jan. 8, 2019, [online], [retrieved on Jun. 26, 2020]. Retrieved from Internet, <URL: <https://www.youtube.com/watch?v=33iWJOBNL2o>>.*

(73) Assignee: **SHENZHEN ROYOLE TECHNOLOGIES CO., LTD.**,
Shenzhen (CN)

(Continued)

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

Primary Examiner — Bridget L Eland

(74) *Attorney, Agent, or Firm* — Hauptman Ham, LLP

(21) Appl. No.: **29/687,039**

(57) **CLAIM**

(22) Filed: **Apr. 10, 2019**

The ornamental design for a mobile terminal, as shown and described.

(30) **Foreign Application Priority Data**

DESCRIPTION

Oct. 24, 2018 (CN) 2018 3 0595923

(51) **LOC (12) Cl.** **14-03**

(52) **U.S. Cl.**
USPC **D14/138 AB**

(58) **Field of Classification Search**
USPC D14/138 G, 138 AD, 138 AB, 248, 341,
D14/371, 374, 138 R, 138 AA, 138 AC,
D14/138 C, 247
CPC H04M 1/0202; H04M 1/0235; H04M
1/0237; H04M 1/0239; H04M 1/0266;
H04M 1/0268; H04M 1/027; H04M
1/0295; H04M 1/02; H04M 1/0279;
H04M 1/0283

See application file for complete search history.

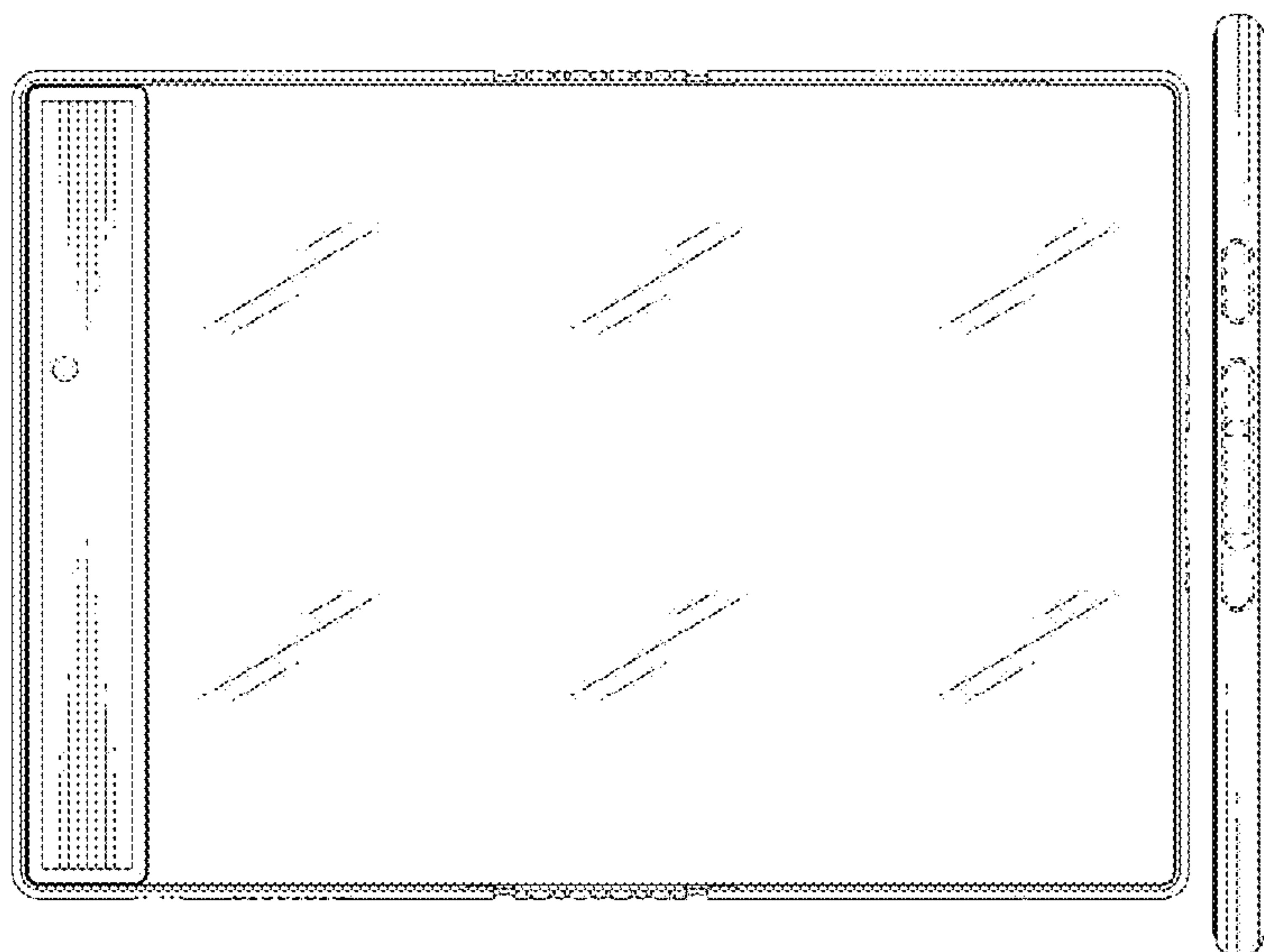
FIG. 1 is a front view of the mobile terminal showing the new design;
FIG. 2 is a rear view thereof;
FIG. 3 is a left side view thereof;
FIG. 4 is a right side view thereof;
FIG. 5 is a top side view thereof;
FIG. 6 is a bottom side view thereof;
FIG. 7 is a perspective view thereof;
FIG. 8 is a front view of the mobile terminal in a bent state;
FIG. 9 is a rear view thereof in a bent state;
FIG. 10 is a left side view thereof in a bent state;
FIG. 11 is a right side view thereof in a bent state;
FIG. 12 is a top side view thereof in a bent state;
FIG. 13 is a bottom side view thereof in a bent state; and,
FIG. 14 is a perspective view thereof in a bent state.
The shade lines in the Figures show contour. The broken lines in the drawings are for the purpose of illustrating portions of the mobile terminal that form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D719,540 S * 12/2014 Lee D14/138 AB
9,173,287 B1 * 10/2015 Kim H05K 1/028
D746,285 S * 12/2015 Okabe D14/345

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D769,209 S * 10/2016 Byun D14/138 AB
 D783,608 S * 4/2017 Park D14/203.4
 D788,773 S * 6/2017 Seo D14/345
 D788,774 S * 6/2017 Seo D14/345
 D798,256 S * 9/2017 Choo D14/138 AA
 D798,257 S * 9/2017 Choo D14/138 AB
 9,798,359 B2 * 10/2017 Seo G06F 1/1652
 D814,455 S * 4/2018 Kwon D14/341
 D819,630 S * 6/2018 Prushinskiy D14/345
 D839,267 S * 1/2019 Park D14/345
 D842,834 S * 3/2019 Seo D14/138 AB
 D875,091 S * 2/2020 Kwon D14/341
 10,609,190 B2 * 3/2020 Chen G06F 1/1616
 2013/0216740 A1 * 8/2013 Russell-Clarke B65D 85/00
 428/33
 2015/0131222 A1 * 5/2015 Kauhaniemi H05K 5/0226
 361/679.27
 2015/0338888 A1 * 11/2015 Kim G06F 3/04886
 345/156

2016/0014403 A1 * 1/2016 Stroetmann G06F 1/1641
 348/53
 2016/0155967 A1 * 6/2016 Lee H01L 27/323
 257/88
 2016/0187935 A1 * 6/2016 Tazbaz G06F 1/1616
 361/679.03
 2016/0195901 A1 * 7/2016 Kauhaniemi G06F 1/1681
 361/679.27

OTHER PUBLICATIONS

Foldable phones are really here by Andrew Martonik, Published Jan. 8, 2019, [online], [retrieved on Jun. 26, 2020]. Retrieved from Internet ,<URL: <https://www.androidcentral.com/royole-flexpai-foldable-phone>>.*
 Royole FlexPai: foldable smartphone at MWC 2019 by Thorben, [retrieved on Jun. 26, 2020]. Retrieved from Internet ,<URL: <https://china-gadgets.com/royole-flexpai-foldable-smartphone/>>.*
 Unfold the next decade, Published Mar. 24, 2019, [online], [retrieved on Jun. 26, 2020]. Retrieved from Internet ,<URL: <https://www.royole.com/us/flexpai>>.*

* cited by examiner

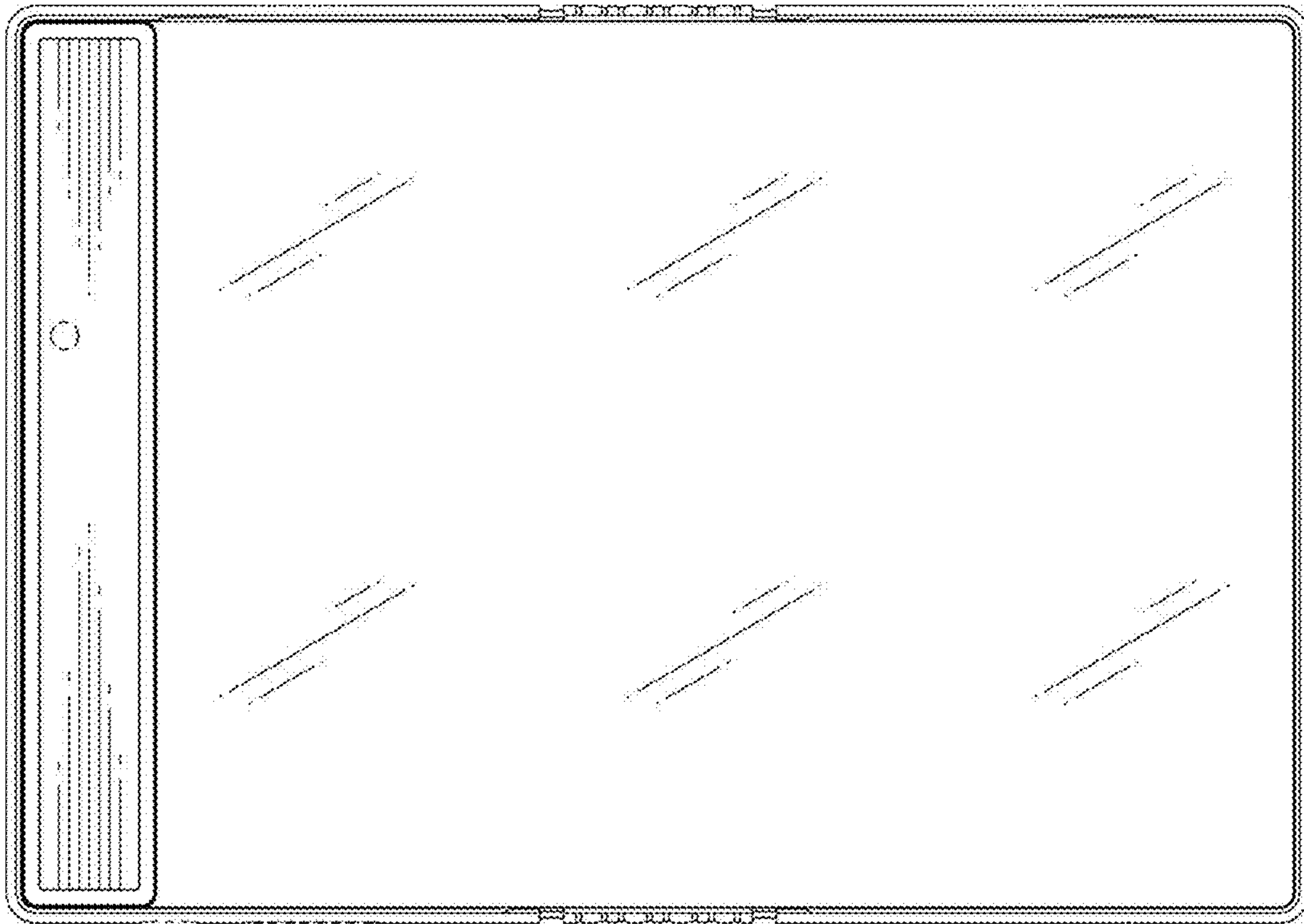


FIG. 1

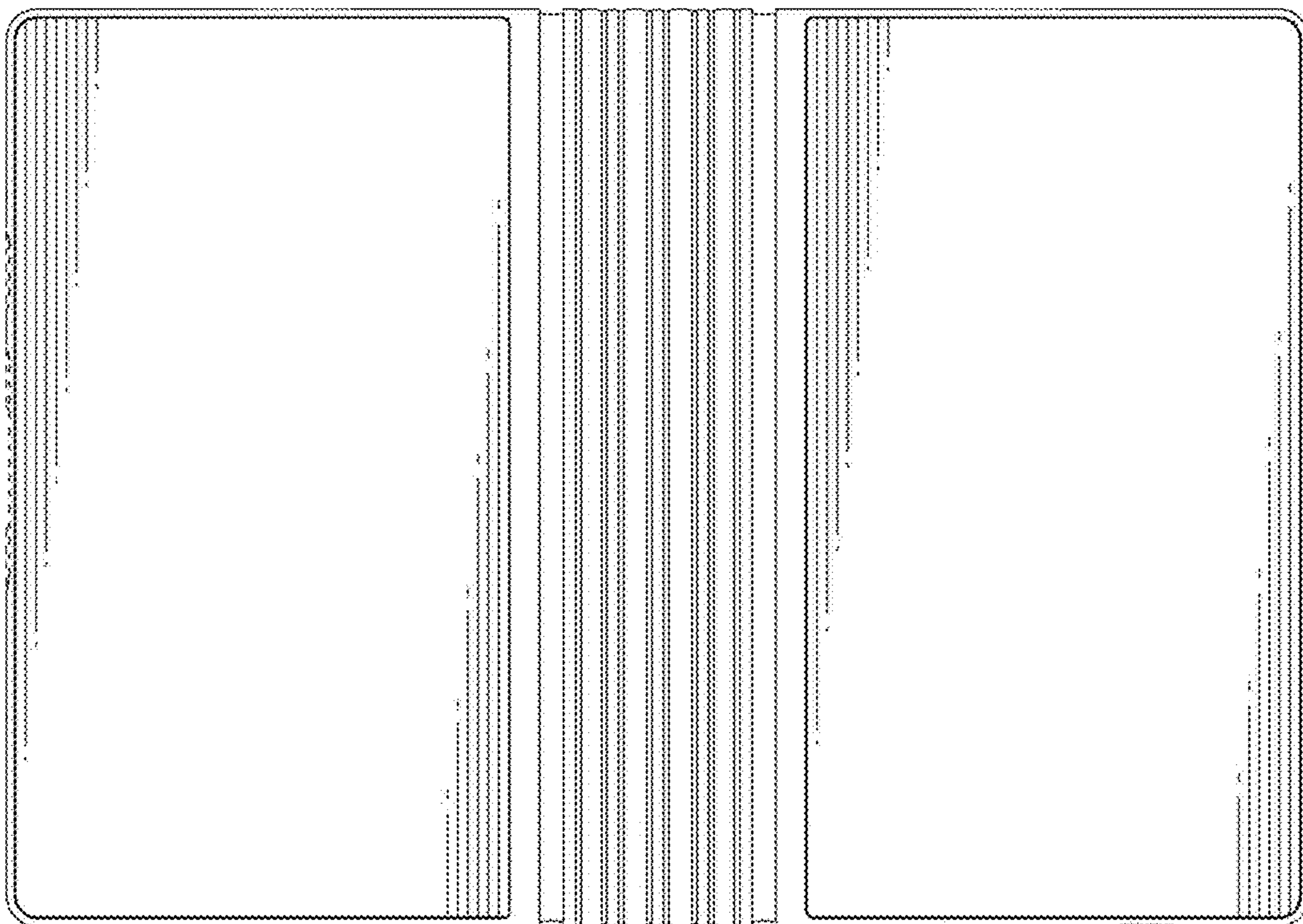


FIG. 2



FIG. 3

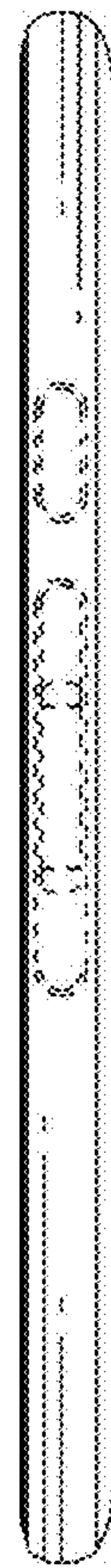


FIG. 4



FIG. 5



FIG. 6

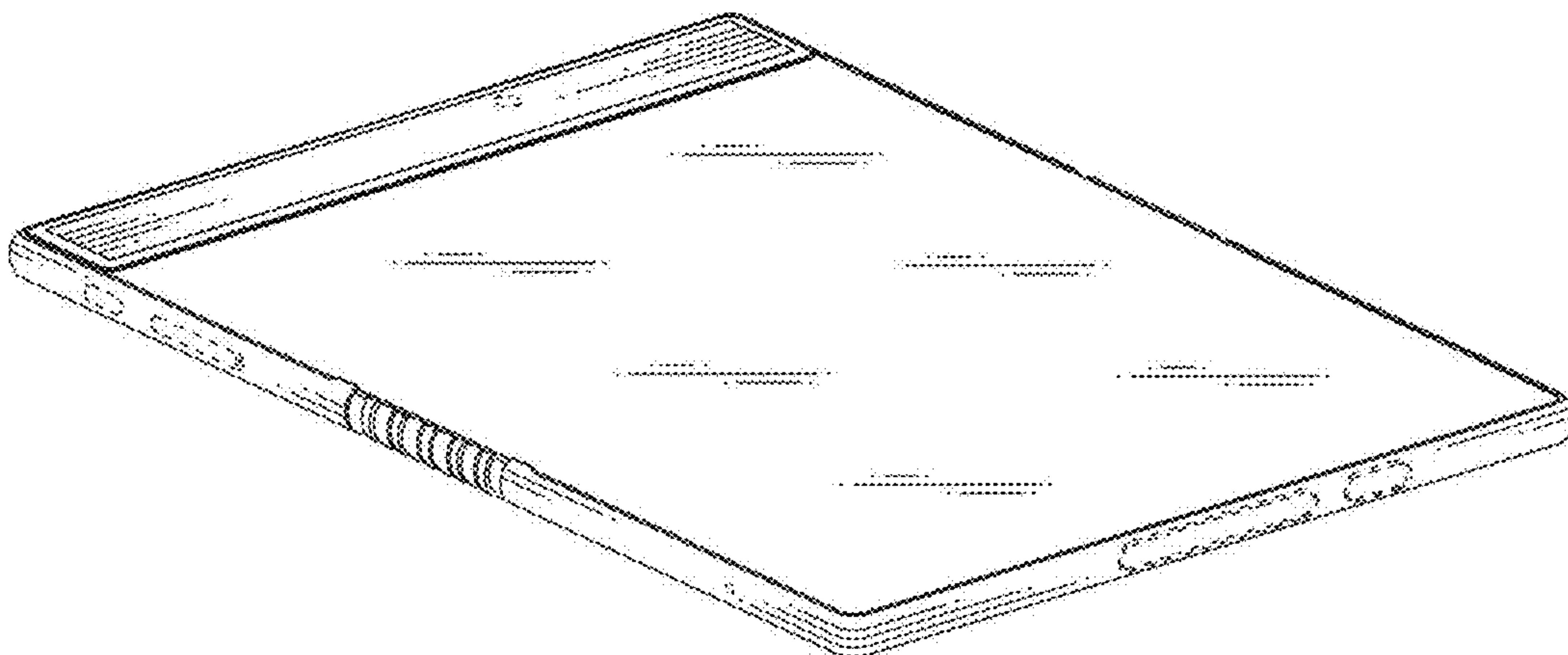


FIG. 7

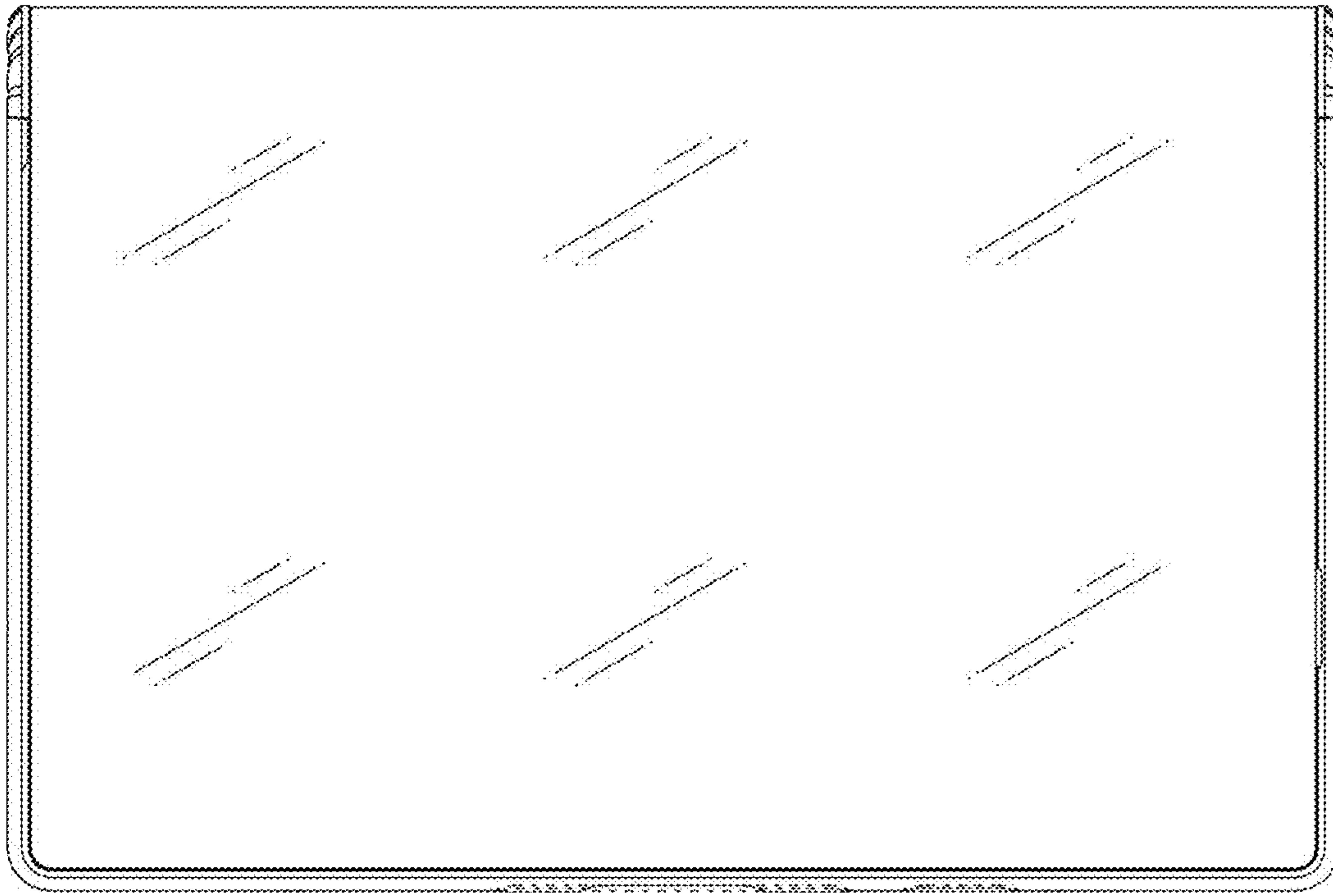


FIG. 8

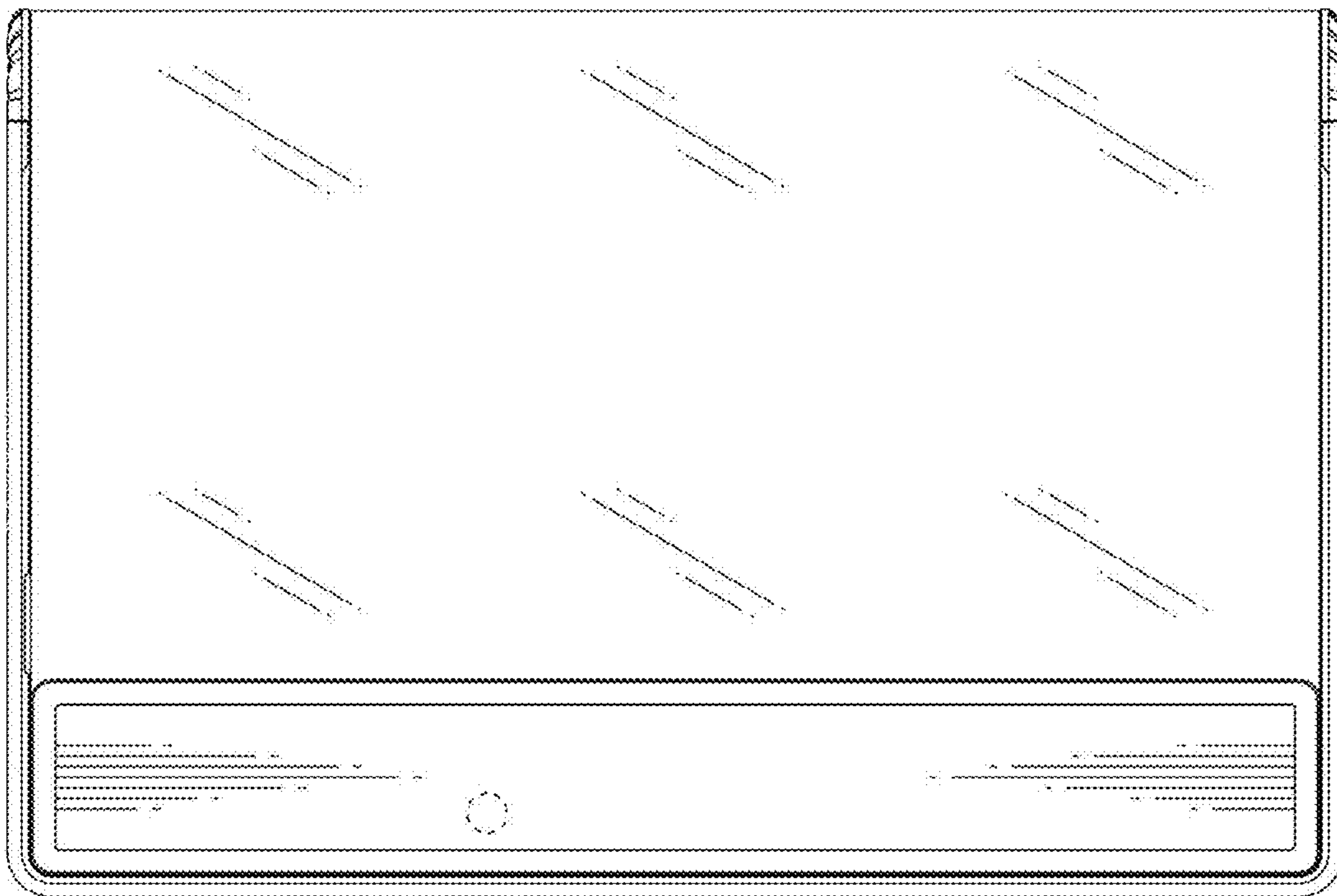


FIG. 9

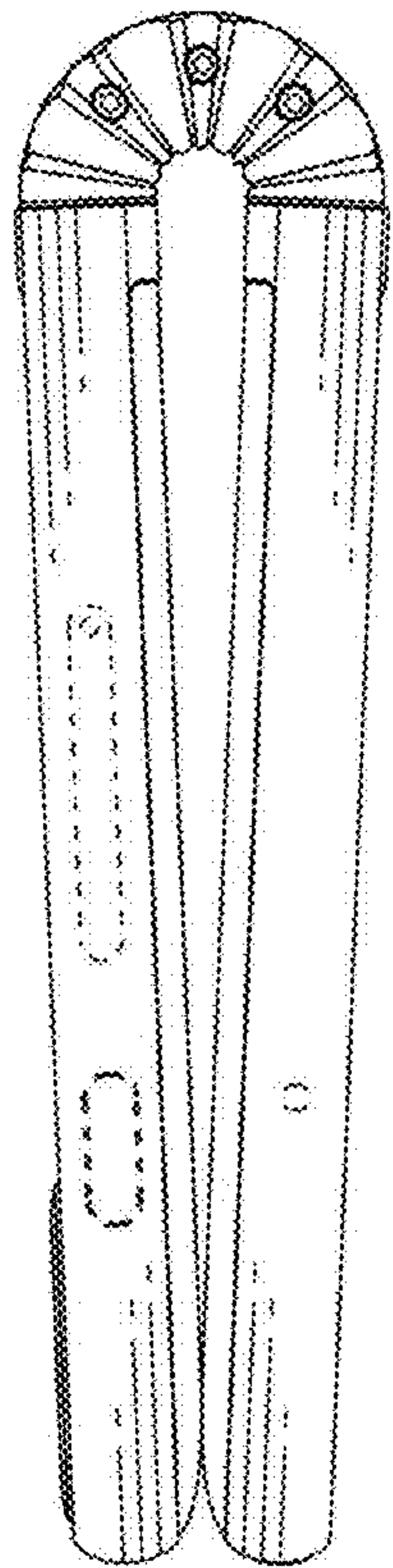


FIG. 10

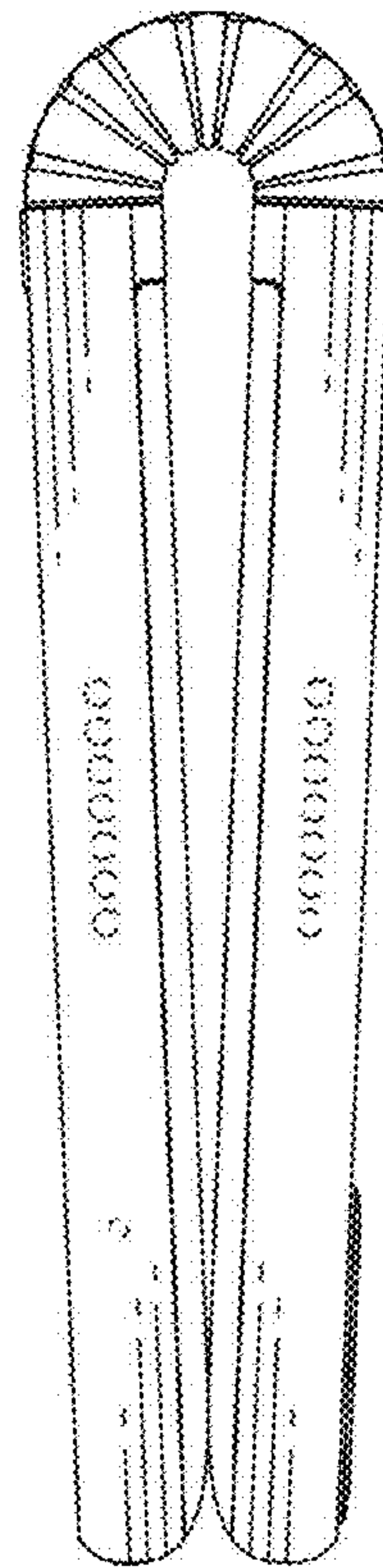


FIG. 11

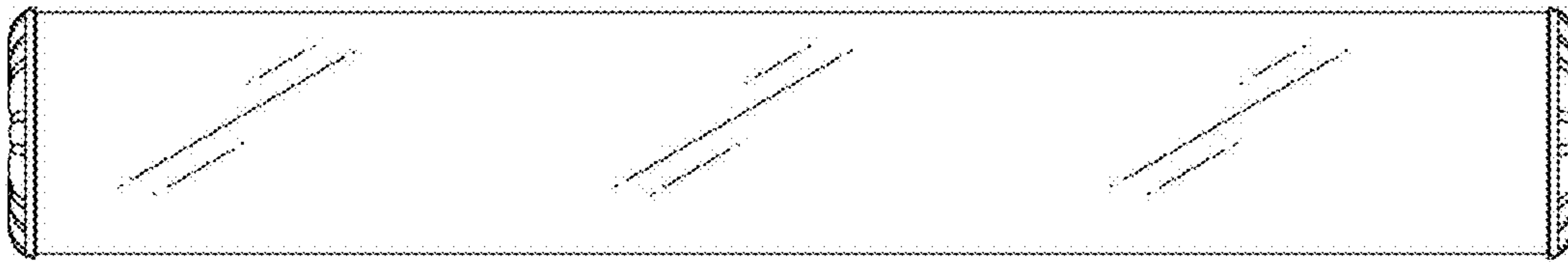


FIG. 12

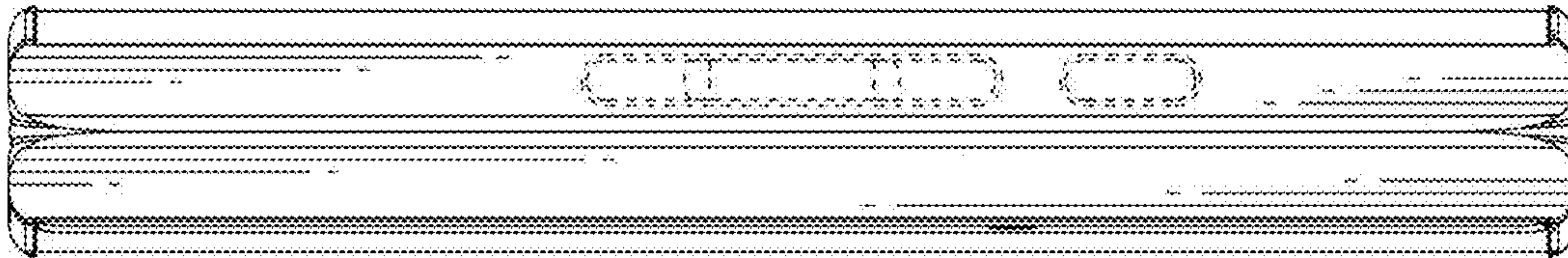


FIG. 13

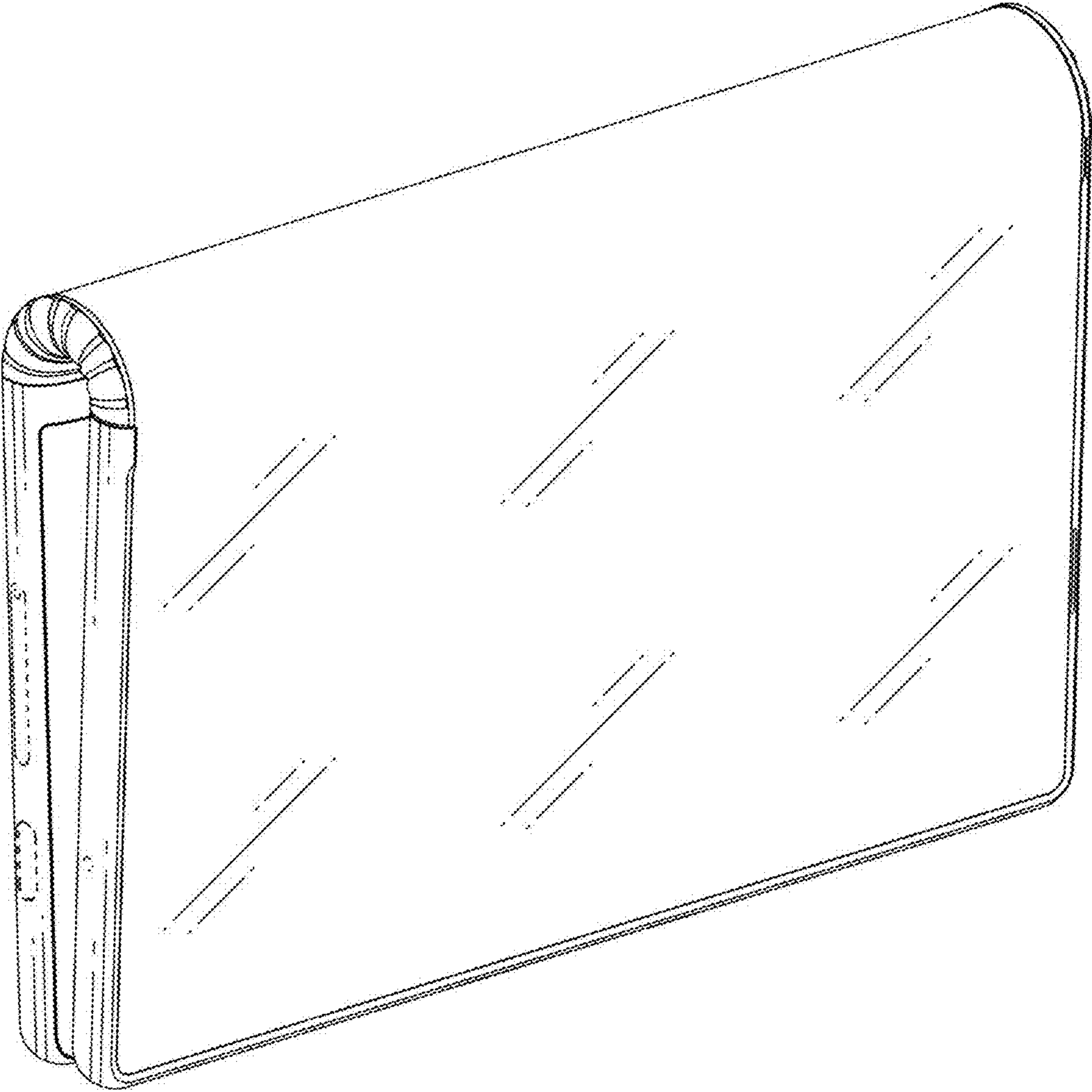


FIG. 14