



US00D966246S

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

(10) **Patent No.:** **US D966,246 S**
(45) **Date of Patent:** **** Oct. 11, 2022**

(54) **MOBILE PHONE**

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

(72) Inventors: **Seunghyun Ji**, Seoul (KR); **Hongkyu Park**, Seoul (KR)

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

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

(21) Appl. No.: **29/749,761**

(22) Filed: **Sep. 9, 2020**

(30) **Foreign Application Priority Data**

Mar. 31, 2020 (KR) 30-2020-0014327

(51) **LOC (13) Cl.** **14-03**

(52) **U.S. Cl.**
USPC **D14/248**

(58) **Field of Classification Search**
USPC D14/138 AA, 138 AB, 138 AC, 138 AD,
D14/138 C, 138 R, 138 G, 203.4, 214,
D14/248, 250, 315-318, 330, 341, 342,
D14/345-347, 426; D21/330
CPC G06F 1/1652; G06F 1/1641; G06F 1/1647;
H04M 1/0268

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D712,401 S * 9/2014 Lee D14/341
D757,716 S * 5/2016 Park D14/341
D757,718 S * 5/2016 Park D14/341
D766,891 S * 9/2016 Hong D14/341
D790,497 S * 6/2017 Kim D14/138 AA

(Continued)

OTHER PUBLICATIONS

TCL debuts concept smartphone with flexible roll-out display _ VentureBeat, first available Mar. 5, 2020 [online], retrieved Apr. 6, 2022, available at URL: <https://venturebeat.com/2020/03/05/tcl-debuts-concept-smartphone-with-flexible-roll-out-display/> (Year: 2020).*

(Continued)

Primary Examiner — Wendy L Arminio

Assistant Examiner — Carrie S Gelula

(74) *Attorney, Agent, or Firm* — Birch, Stewart, Kolasch & Birch, LLP

(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a front perspective view of the mobile phone showing our new design;

FIG. 2 is a front view thereof;

FIG. 3 is a back view thereof;

FIG. 4 is a left side view thereof;

FIG. 5 is a right side view thereof;

FIG. 6 is a top plan view thereof;

FIG. 7 is a bottom plan view thereof;

FIG. 8 is a back perspective view thereof;

FIG. 9 is a front perspective view in a condition that the claimed design has been expanded;

FIG. 10 is a front view of FIG. 9

FIG. 11 is a back view of FIG. 9

FIG. 12 is a left side view of FIG. 9

FIG. 13 is a right side view of FIG. 9

FIG. 14 is a top plan view of FIG. 9

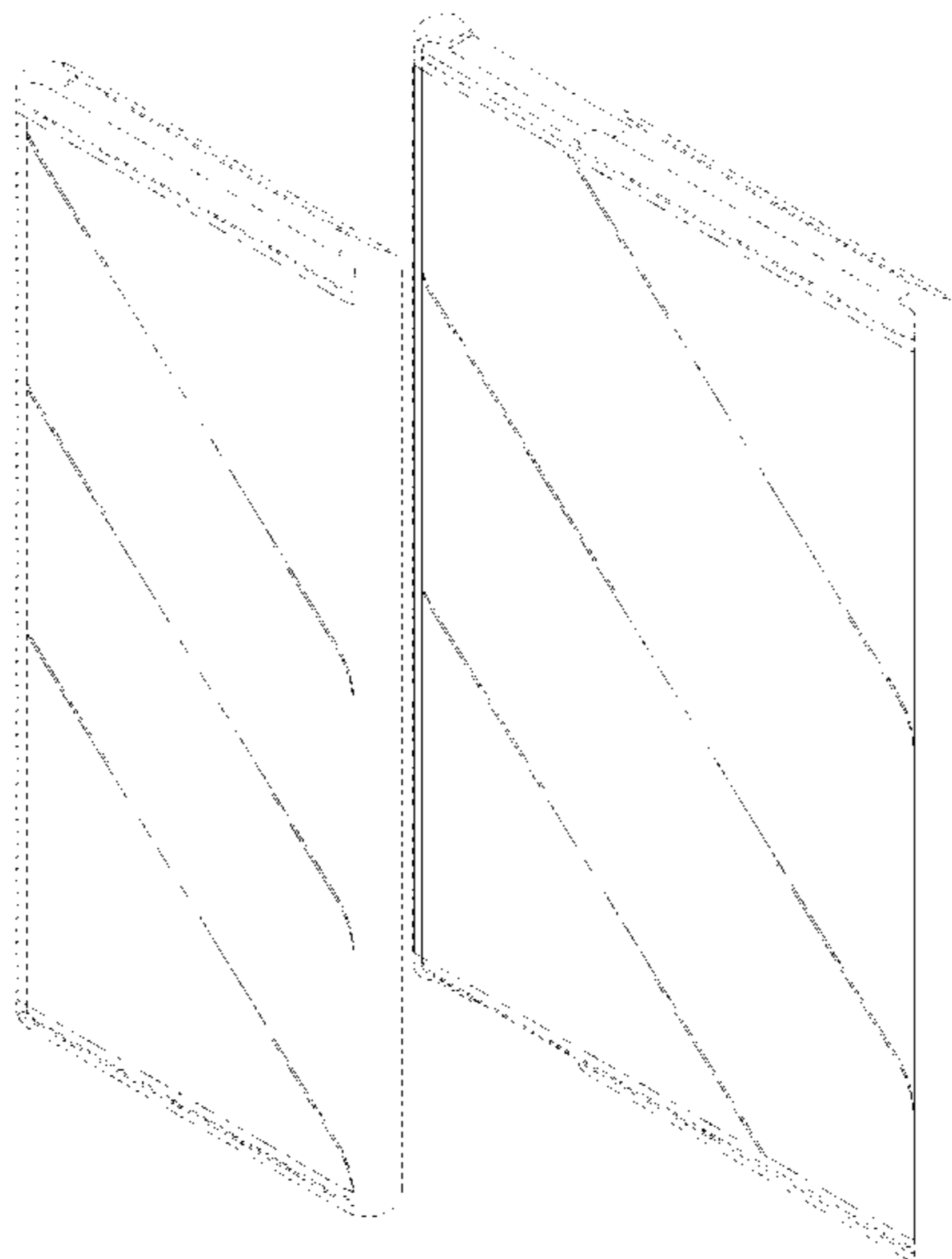
FIG. 15 is a bottom plan view of FIG. 9; and,

FIG. 16 is a back perspective view of FIG. 9.

The broken lines depict portions of the mobile phone that form no part of the claimed design.

The dash-dot broken lines define the bounds of the claimed design and form no part thereof.

1 Claim, 16 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D912,045 S * 3/2021 Han D14/138 AD
 D923,598 S * 6/2021 Lee H04M 1/0268
 D14/138 AD
 11,057,514 B1 * 7/2021 Noh G06F 3/0488
 D926,718 S * 8/2021 Lee G06F 1/1624
 D14/138 AD
 D926,754 S * 8/2021 Han D14/138 AD
 D933,625 S * 10/2021 Lee D14/138 AD
 D934,847 S * 11/2021 Seo D14/248
 D936,049 S * 11/2021 Han D14/315
 D936,625 S * 11/2021 Lee D14/138 AD
 D936,626 S * 11/2021 Lee D14/138 AD
 D936,627 S * 11/2021 Lee D14/138 AD
 D940,677 S * 1/2022 Min D14/138 AD
 D940,680 S * 1/2022 Lee D14/138 AD
 2020/0267246 A1 * 8/2020 Song H04M 1/0268
 2021/0181801 A1 * 6/2021 Yin G06F 1/1652
 2021/0303027 A1 * 9/2021 Kim G06F 3/14

2021/0333991 A1* 10/2021 Kim G06F 3/04886
 2022/0019336 A1* 1/2022 Noh G06F 1/1624
 2022/0035523 A1* 2/2022 Noh H04M 1/0237

OTHER PUBLICATIONS

TCL prototype phone with expandable, slide-out display—The Verge, first available Feb. 17, 2020 [online], retrieved Mar. 26, 2022, available at URL: <https://www.theverge.com/2020/2/17/21140897/tcl-slide-out-screen-foldable-device-leaked-images> (Year: 2020).*

Oppo's X 2021 rollable concept phone expands in your hand _ Engadget, first available Nov. 17, 2020 [online], retrieved Jan. 4, 2022, available at URL: <https://www.engadget.com/oppo-x-2021-rollable-concept-phone-093038483.html> (Year: 2020).*

LG Might Unroll The 'Rollable' Smartphone In 2021—Tech, first available Nov. 5, 2020 [online], retrieved Apr. 6, 2020, available at URL: <https://in.mashable.com/tech/18097/lg-might-unroll-the-rollable-smartphone-in-2021> (Year: 2020).*

* cited by examiner

FIG. 1

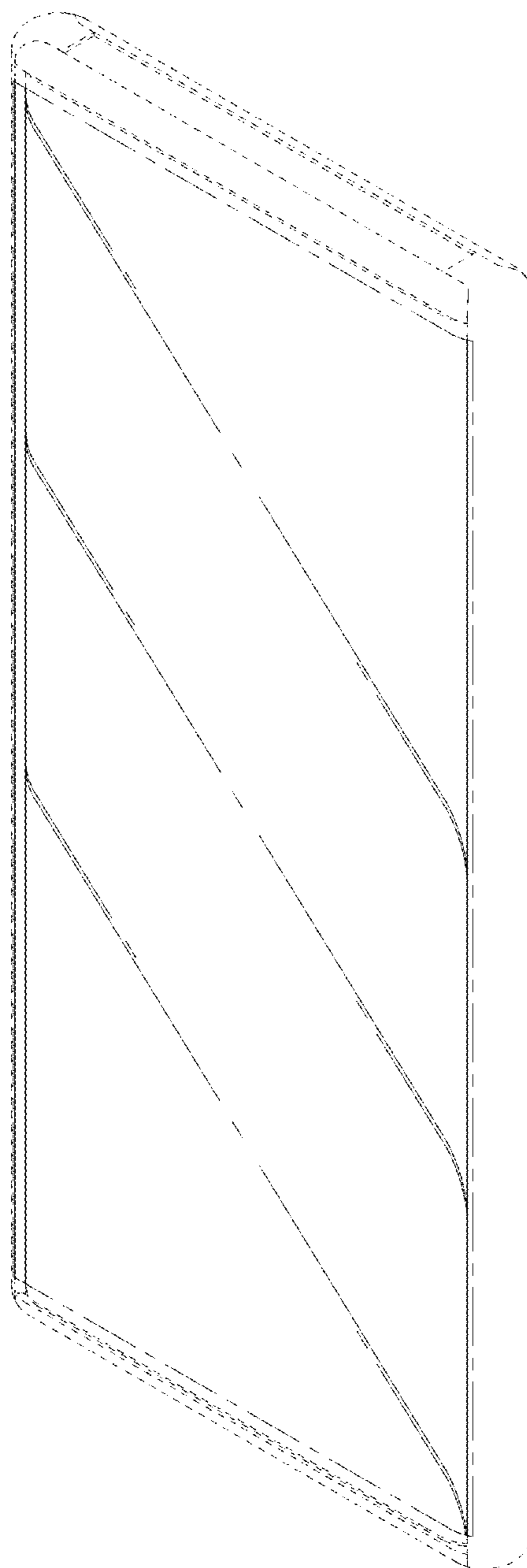


FIG. 2

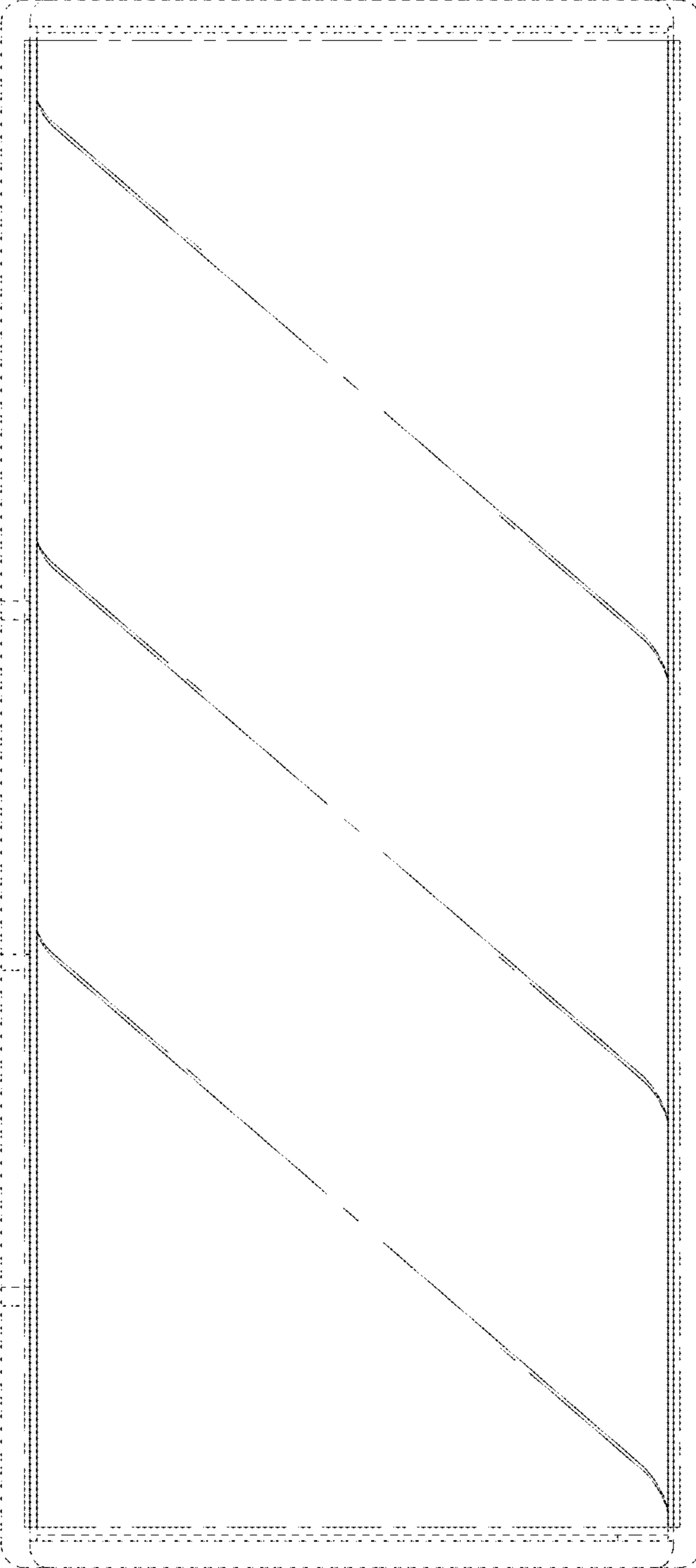


FIG. 3

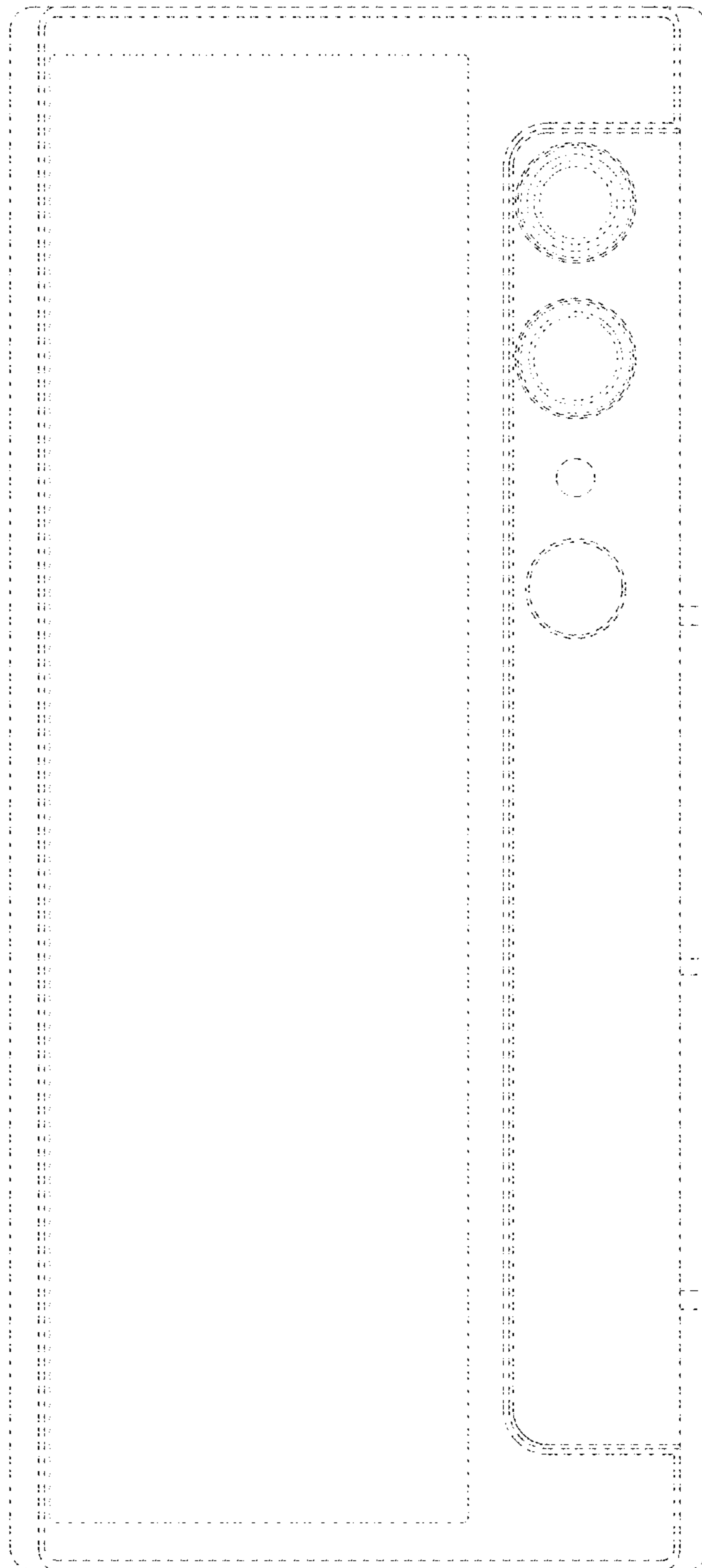


FIG. 4

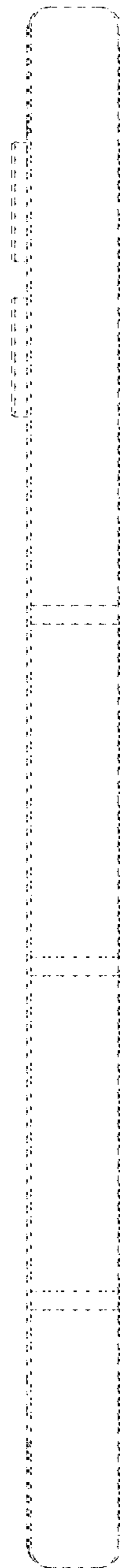


FIG. 5

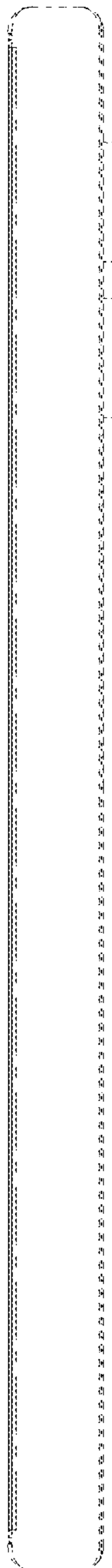


FIG. 6

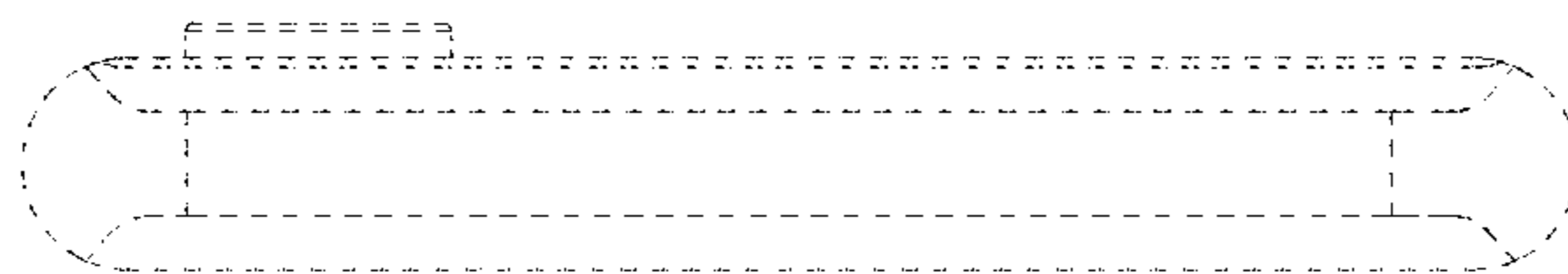


FIG. 7



FIG. 8

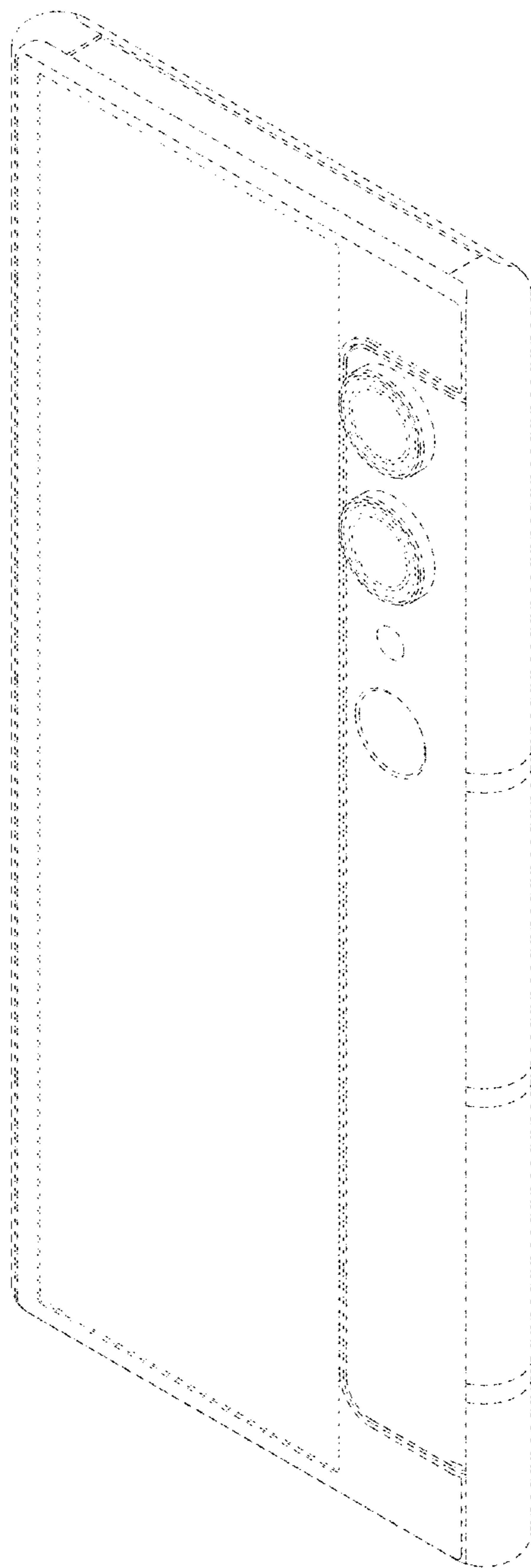


FIG. 9

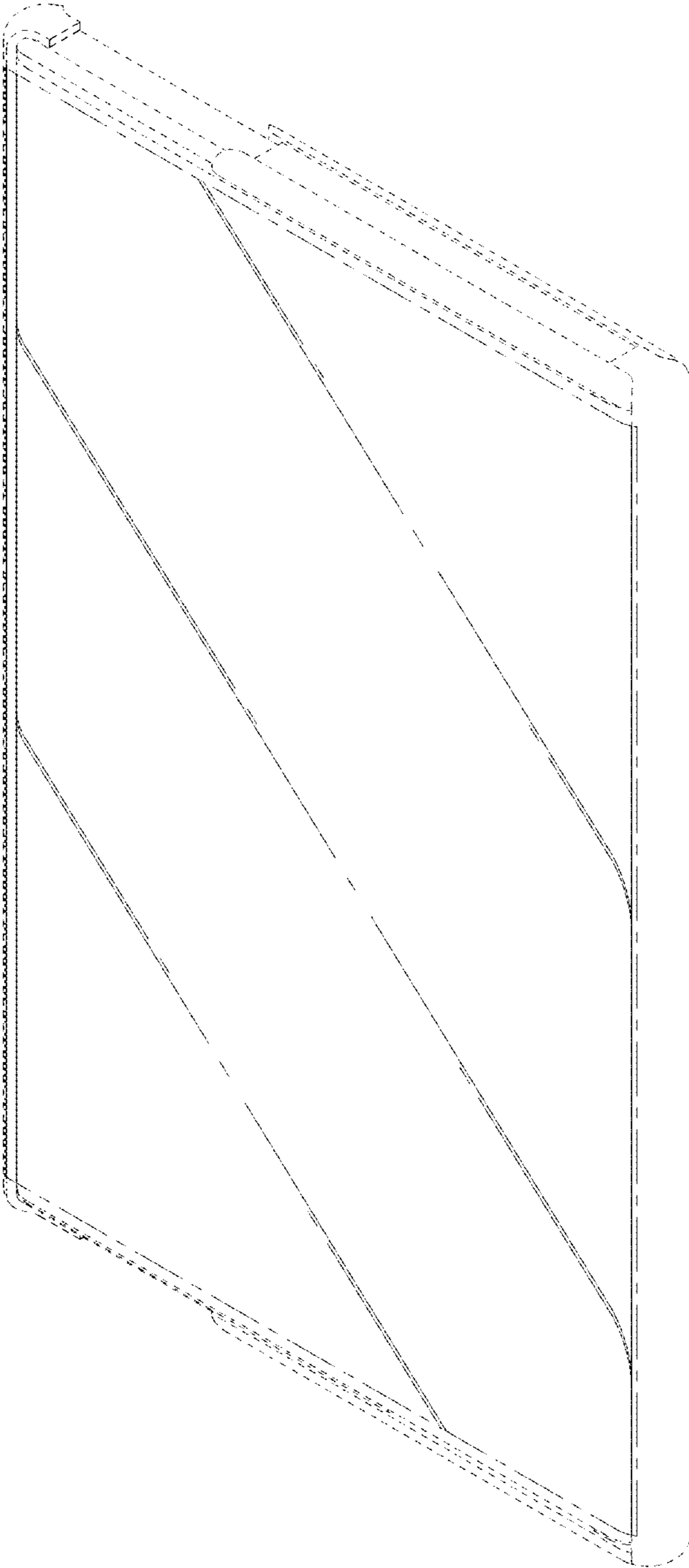


FIG. 10

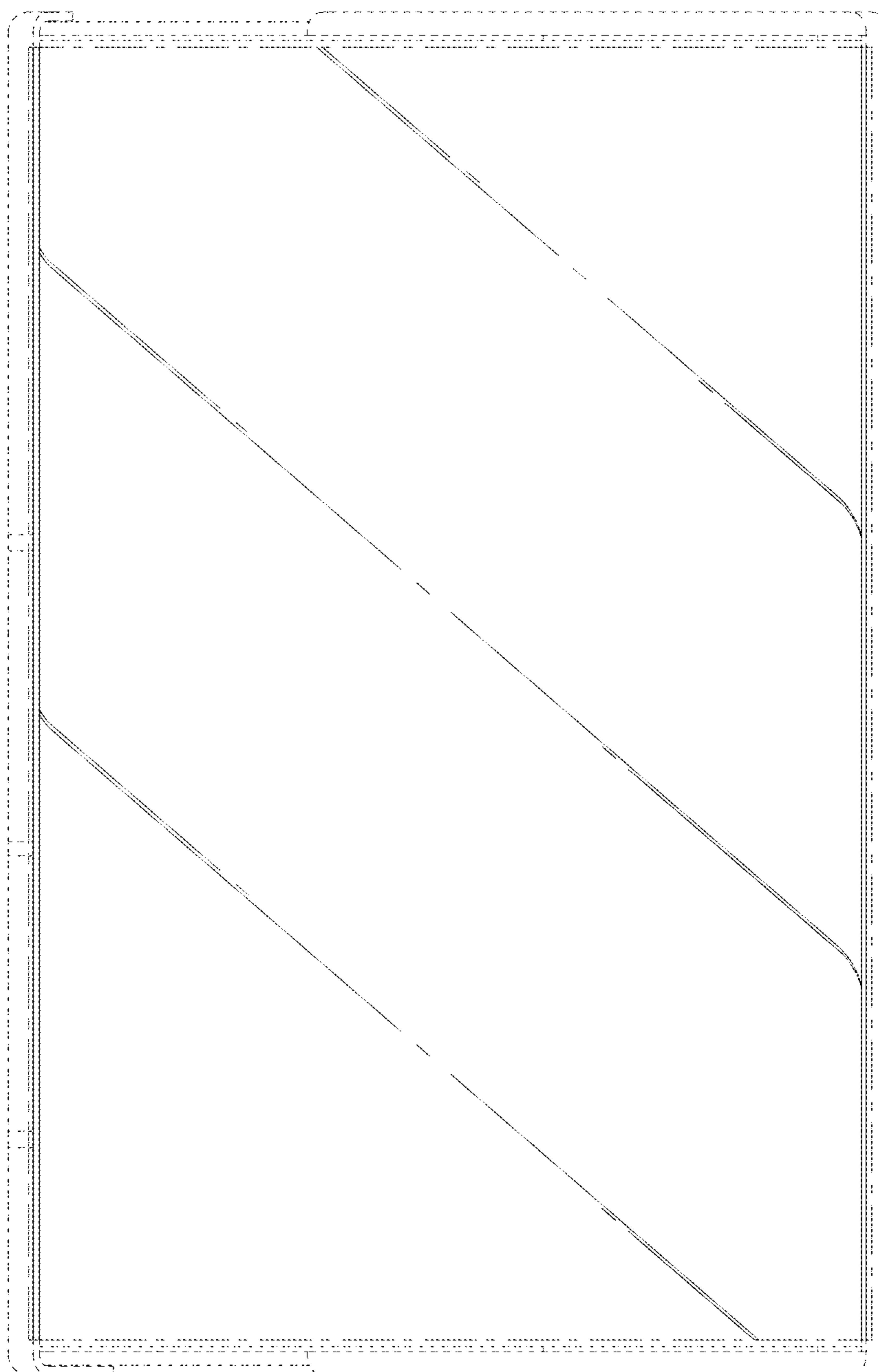


FIG. 11

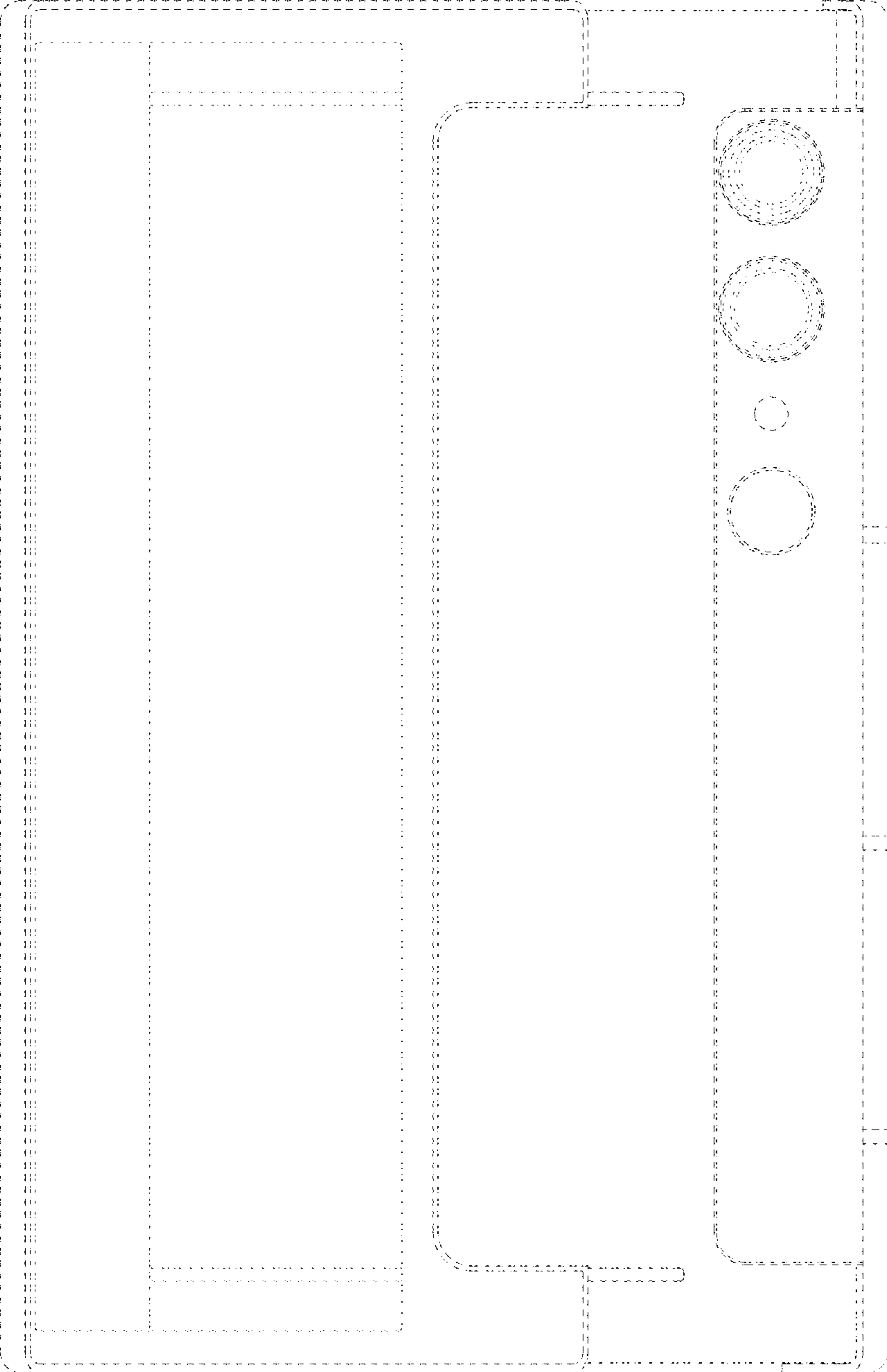


FIG. 12

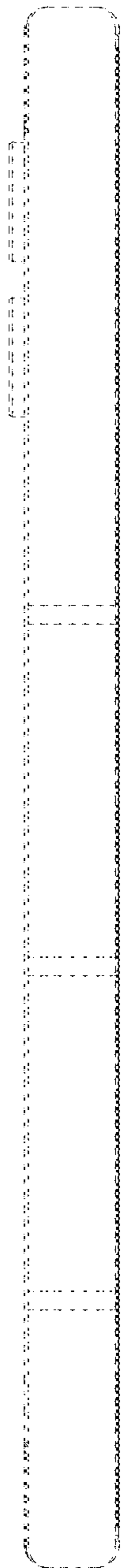


FIG. 13

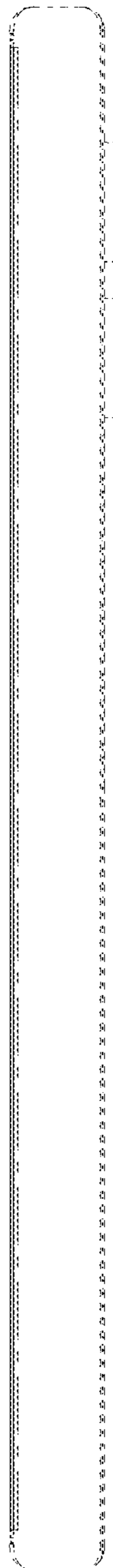


FIG. 14

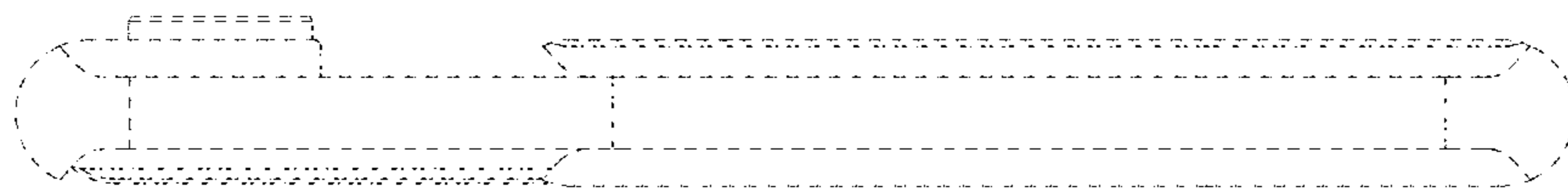


FIG. 15

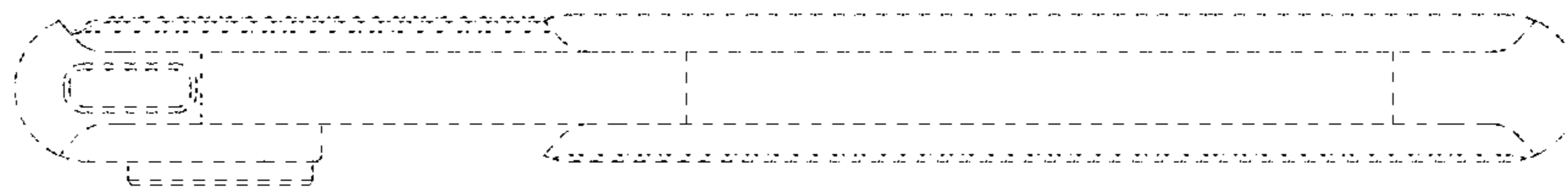


FIG. 16

