



US00D956042S

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

(10) **Patent No.:** **US D956,042 S**
(45) **Date of Patent:** **** Jun. 28, 2022**

(54) **MOBILE PHONE**

- (71) Applicant: **LG ELECTRONICS INC.**, Seoul (KR)
- (72) Inventors: **Jinki Min**, Seoul (KR); **Hongkyu Park**, Seoul (KR); **Jonghak Lee**, Seoul (KR); **Seunghyun Ji**, Seoul (KR); **Sojin Kim**, Seoul (KR)
- (73) Assignee: **LG ELECTRONICS INC.**, Seoul (KR)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/729,069**
- (22) Filed: **Mar. 24, 2020**

(30) **Foreign Application Priority Data**

- Sep. 25, 2019 (JP) 2019-021449
- (51) **LOC (13) Cl.** **14-03**
- (52) **U.S. Cl.**
USPC **D14/341**
- (58) **Field of Classification Search**
USPC D14/336, 341, 342, 345, 348, 371, 374,
D14/378, 379, 426, 432, 439, 126, 129,
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D636,752 S * 4/2011 Liao D14/138 G
 - 8,711,566 B2 * 4/2014 O'Brien G06F 1/1624
361/724
- (Continued)

FOREIGN PATENT DOCUMENTS

- GB 8203667000-1000 * 5/2019
- IN 269850-0001 * 8/2015
- JP D1502484 * 7/2014

OTHER PUBLICATIONS

First Foldable Tablet Phone, tabletmonkeys.com, Sep. 5, 2017.
<https://tabletmonkeys.com/first-foldable-tablet-phone-zte-axon-multy-to-launch-in-october-according-to-leak/> (Year: 2017).*

(Continued)

Primary Examiner — Llorellys Martinez
Assistant Examiner — Kwabena A. Ankobiah
 (74) *Attorney, Agent, or Firm* — Birch, Stewart, Kolasch & Birch, LLP

(57) **CLAIM**

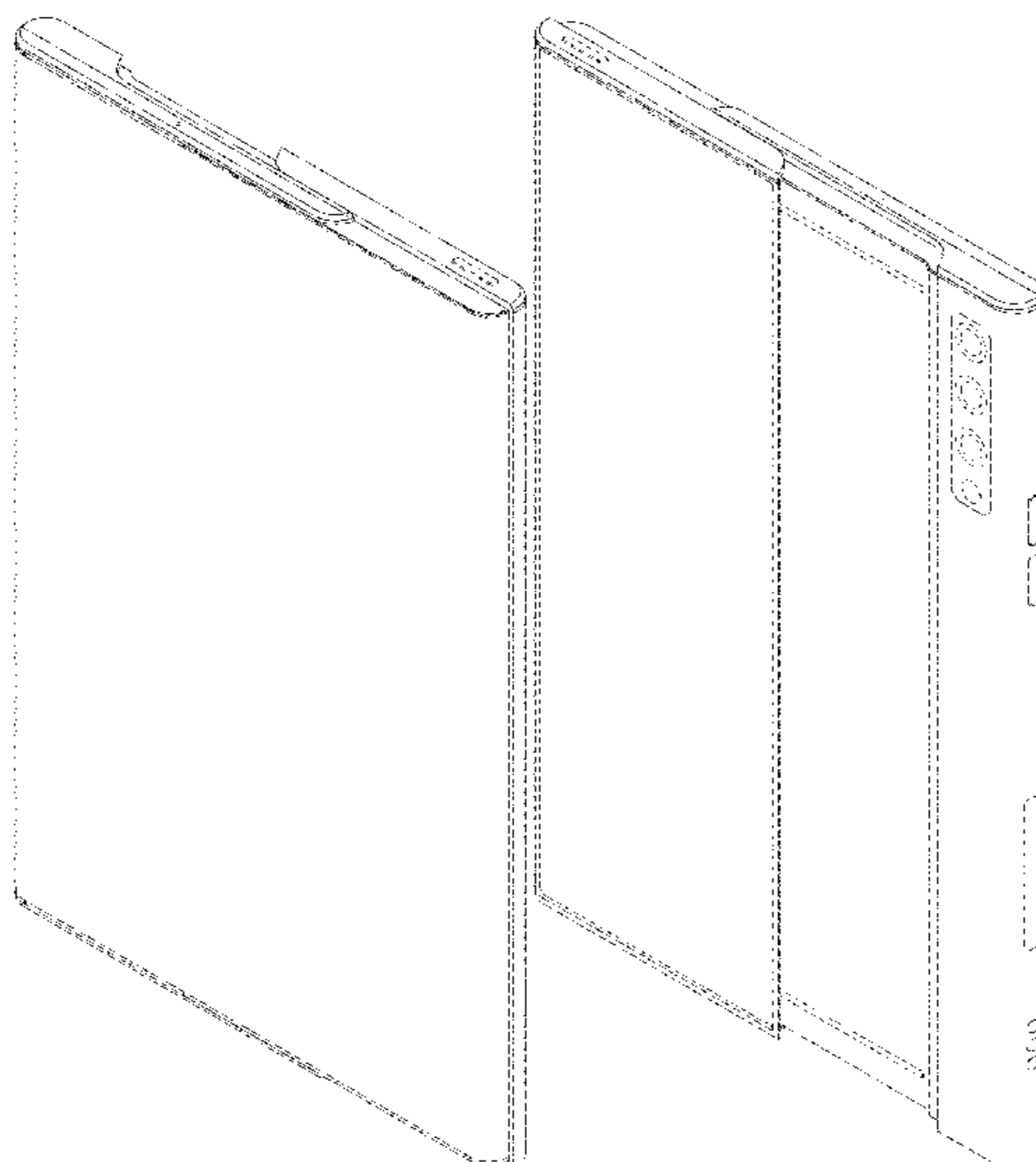
The ornamental design for a mobile phone, as shown and described.

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 rear 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 another front perspective view thereof, showing the mobile phone of FIG. 1 in an alternate configuration;
 FIG. 10 is a front view of FIG. 9;
 FIG. 11 is a rear 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



(58) **Field of Classification Search**

USPC D14/130, 496, 137, 138 R, 138 AA,
 D14/138 AB, 138 AC, 138 AD, 138 C,
 D14/138 G, 147, 203.1, 203.3, 203.4,
 D14/203.7, 218, 247, 248, 388, 389;
 D6/308; D10/104.1, 50, 74; D21/324,
 D21/329, 330, 332; D24/186; D13/130,
 D13/107, 118, 119
 CPC G06F 3/041; G06F 3/0412; G06F 3/0488;
 G06F 3/04883; G06F 1/1613; G06F
 1/1626; G06F 1/1692; 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; H04M
 1/72463; H04M 1/72469; H04M 1/72454;
 G09G 3/344

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D716,253 S * 10/2014 Lee D14/138 AB
 D722,037 S * 2/2015 Nam D14/138 G
 D750,067 S * 2/2016 Park D14/341
 D752,039 S * 3/2016 Park D14/341
 D761,251 S * 7/2016 Senda D14/341
 D761,253 S * 7/2016 Yamazaki D14/341
 D761,787 S * 7/2016 Yamazaki D14/341
 D761,788 S * 7/2016 Yamazaki D14/341
 D761,789 S * 7/2016 Yamazaki D14/341
 D761,790 S * 7/2016 Yamazaki D14/341
 D768,594 S * 10/2016 Szeto D14/138 G
 D777,698 S * 1/2017 Kim D14/138 G
 D780,179 S * 2/2017 Bae D14/374
 D784,322 S * 4/2017 Kim D14/341
 D784,323 S * 4/2017 Kim D14/341
 D784,945 S * 4/2017 Choo D14/138 AB
 D784,979 S * 4/2017 Yamazaki D14/341
 D789,922 S * 6/2017 Yamazaki D14/341
 D790,497 S * 6/2017 Kim D14/138 AA
 D795,825 S * 8/2017 Kim D14/138 R
 D805,069 S * 12/2017 Won D14/371
 D812,605 S * 3/2018 Senda D14/341
 D838,270 S * 1/2019 Cho D14/341
 D860,286 S * 9/2019 Unwin G02F 1/133305
 D16/135
 D867,348 S * 11/2019 Kim D14/248
 10,553,135 B2 * 2/2020 Lee G02F 1/133305
 D890,113 S * 7/2020 Ma D14/138 G

D901,418 S * 11/2020 Ma D14/138 G
 10,880,417 B1 * 12/2020 Song H04M 1/0237
 10,904,371 B1 * 1/2021 Song G06F 1/1652
 D912,045 S * 3/2021 Han D14/138 AD
 10,936,017 B1 * 3/2021 Choi G06F 1/1643
 10,938,970 B1 * 3/2021 Lee H04M 1/0237
 10,955,876 B1 * 3/2021 Song G06F 1/1656
 10,963,014 B1 * 3/2021 Park H04M 1/0237
 D915,336 S * 4/2021 Lee D14/138 AD
 D917,412 S * 4/2021 Seo D14/138 AB
 D923,598 S * 6/2021 Lee H04M 1/0268
 D14/138 AD
 11,043,191 B1 * 6/2021 Kang G06F 1/1652
 11,051,413 B2 * 6/2021 Yang G06F 1/1626
 D926,718 S * 8/2021 Lee G06F 1/1624
 D14/138 AD
 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
 2012/0019482 A1 * 1/2012 Wang G06F 1/1652
 345/175
 2017/0364119 A1 * 12/2017 Lee G06F 1/1624
 2020/0253063 A1 * 8/2020 Jiang G06F 1/1652
 2021/0092855 A1 * 3/2021 Choi H04M 1/0268
 2021/0099557 A1 * 4/2021 Cha H04M 1/0268
 2021/0120111 A1 * 4/2021 Choi G06F 1/1624
 2021/0157366 A1 * 5/2021 Shim G06F 3/0412
 2021/0181801 A1 * 6/2021 Yin G06F 1/1652
 2021/0185164 A1 * 6/2021 Jung H04M 1/72454
 2021/0185835 A1 * 6/2021 Song H04M 1/0237
 2021/0195009 A1 * 6/2021 Choi H04M 1/0268
 2021/0218835 A1 * 7/2021 Song H04M 1/0268
 2021/0278878 A1 * 9/2021 Shim H04M 1/0268
 2021/0326569 A1 * 10/2021 Song H04M 1/0268
 2021/0336356 A1 * 10/2021 Choi H04M 1/0268
 2021/0337049 A1 * 10/2021 Noh G06F 3/04883
 2021/0405696 A1 * 12/2021 Ahn G06F 1/1624

OTHER PUBLICATIONS

Samsung Device Patents, www.patentlymobile.com, Jan. 12, 2018. <https://www.patentlymobile.com/2018/01/samsung-device-patents-published-this-week-cover-display-devices-that-are-rollable-foldable-and-stretchable.html> (Year: 2018).*

LG Mobile Patents, www.gizchina.com, Nov. 17, 2019. <https://www.gizchina.com/2019/11/17/lg-mobile-patents-a-new-smartphone-with-a-retractable-display/> (Year: 2019).*

Huawei unveils the foldable Mate X phone, newatlas.com, Feb. 24, 2019. <https://newatlas.com/huawei-mate-x-foldable-5g-phone/58610/> (Year: 2019).*

* cited by examiner

FIG. 1

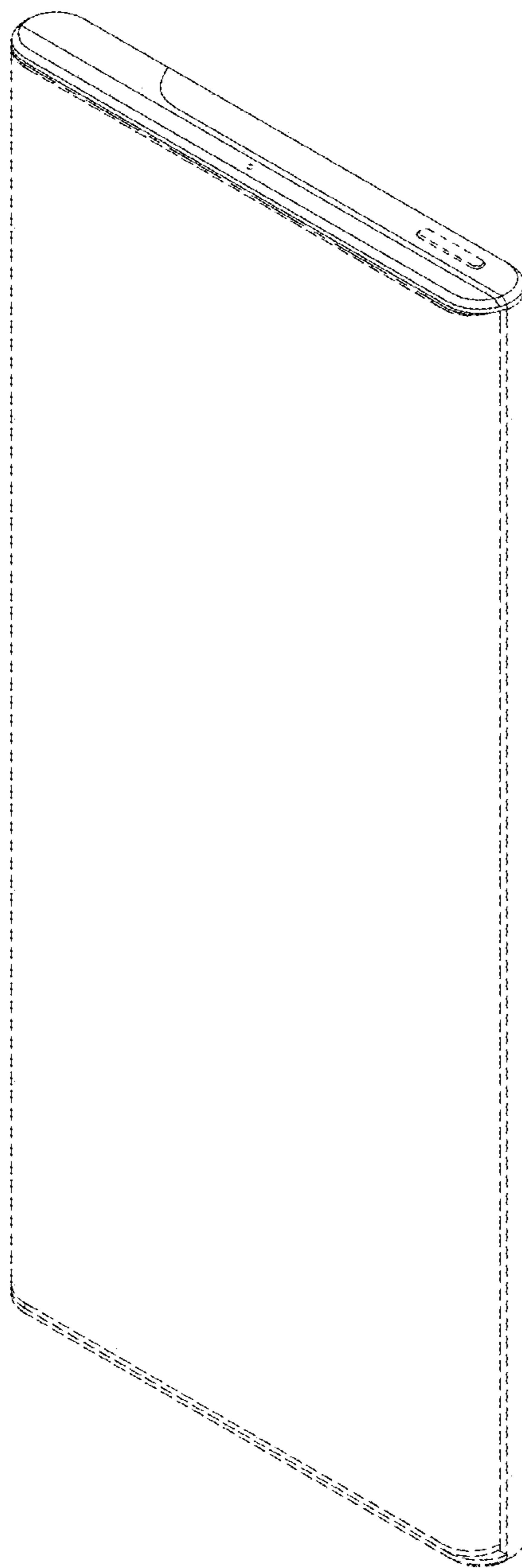


FIG. 2

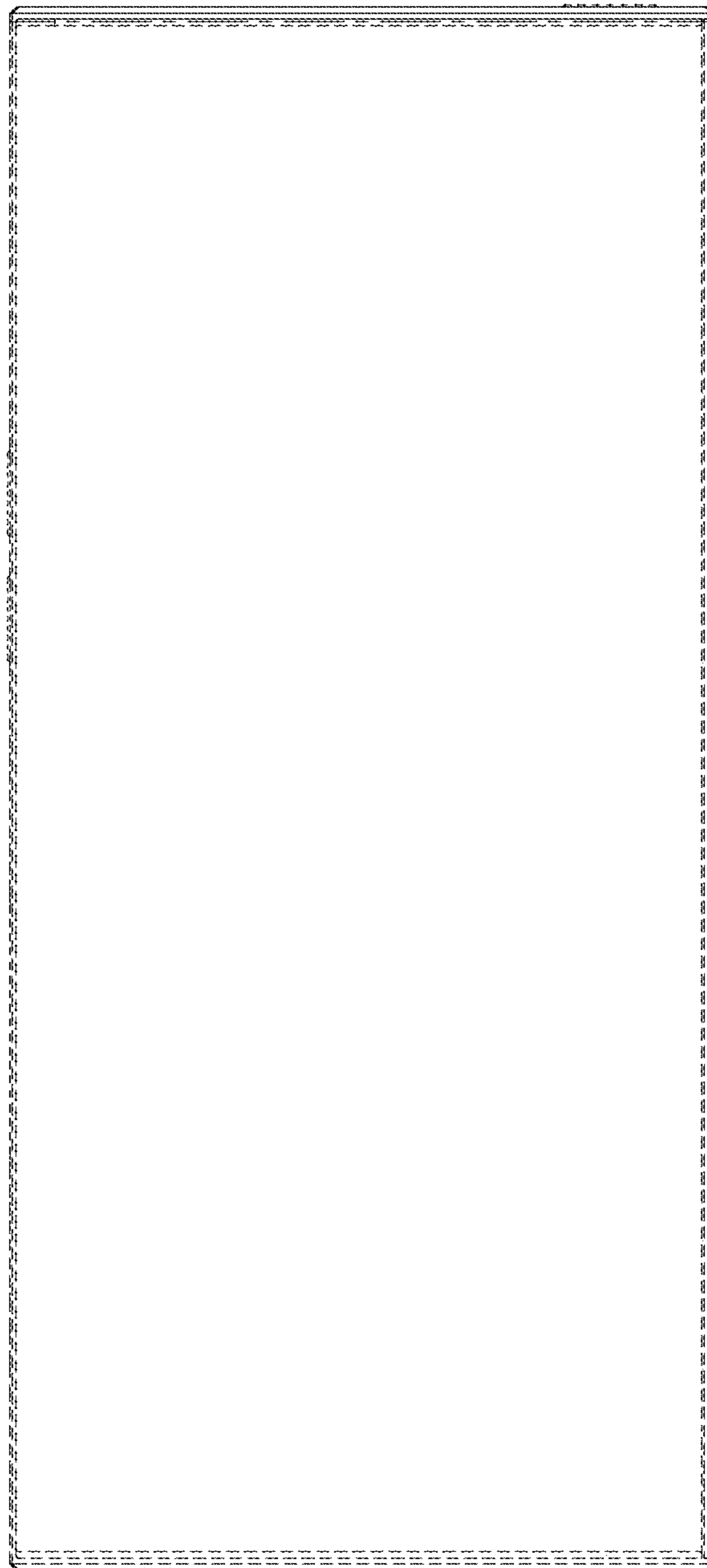


FIG. 3

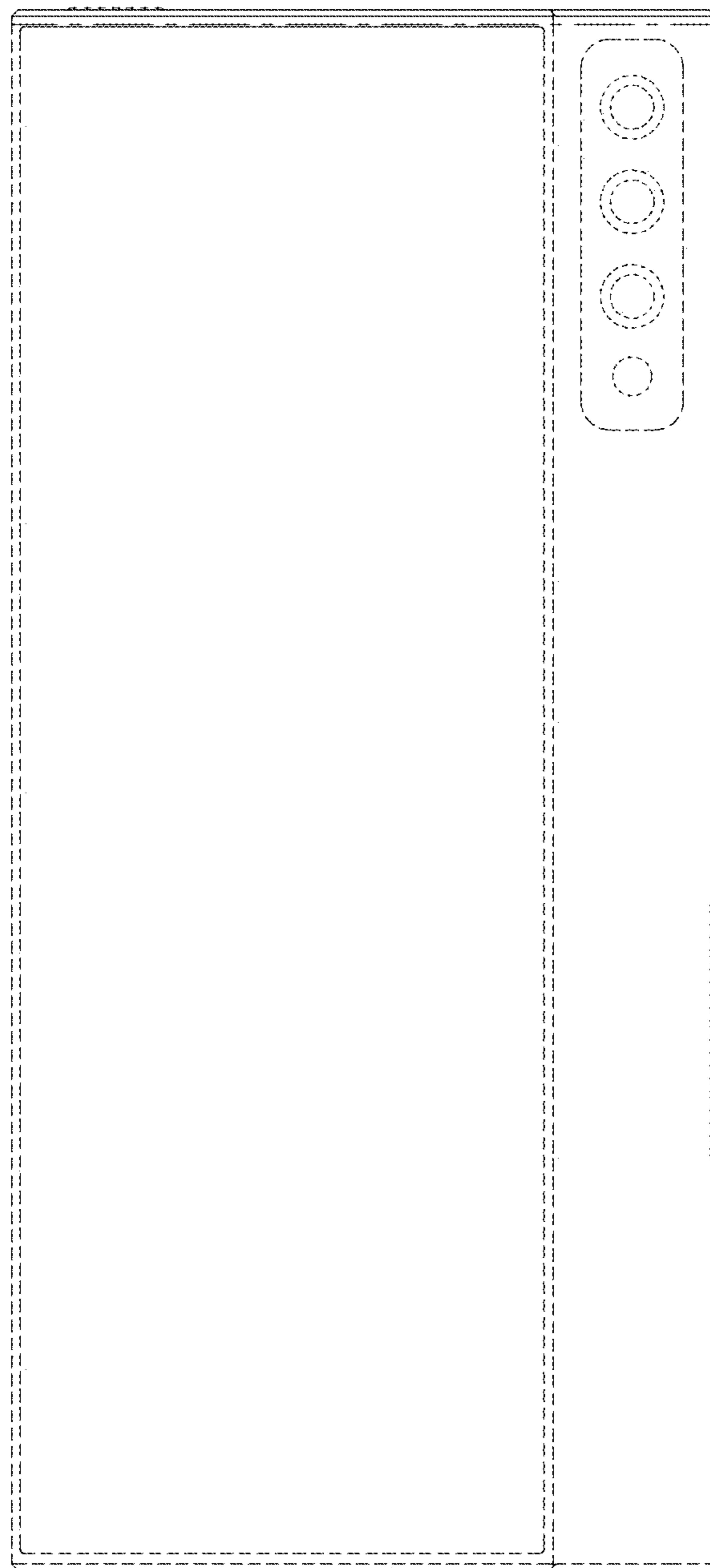


FIG. 4

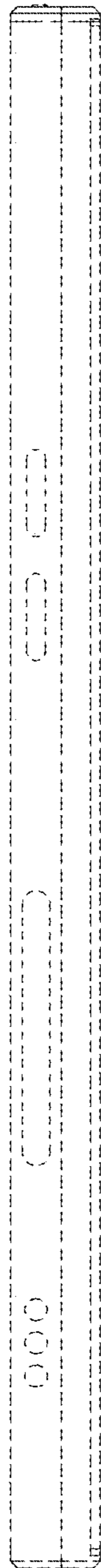


FIG. 5

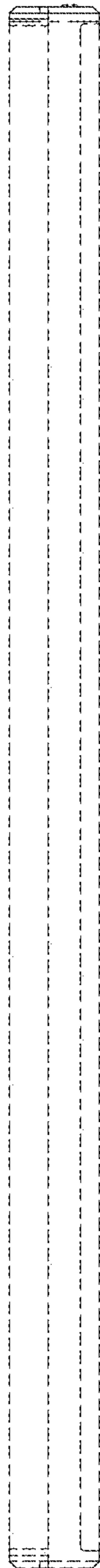


FIG. 6

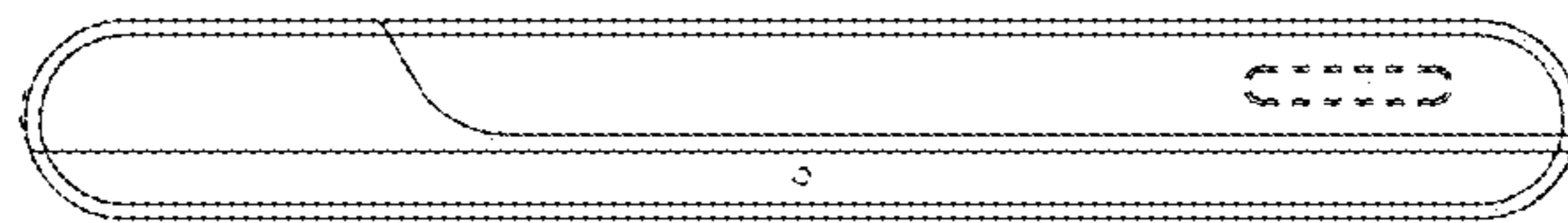


FIG. 7

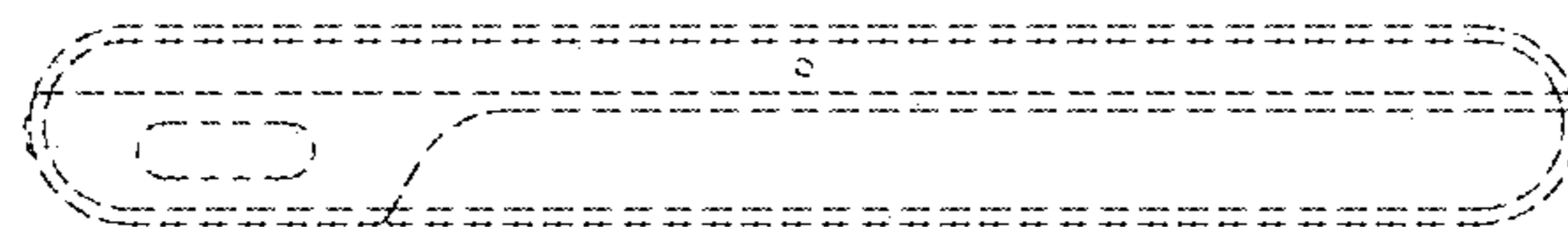


FIG. 8

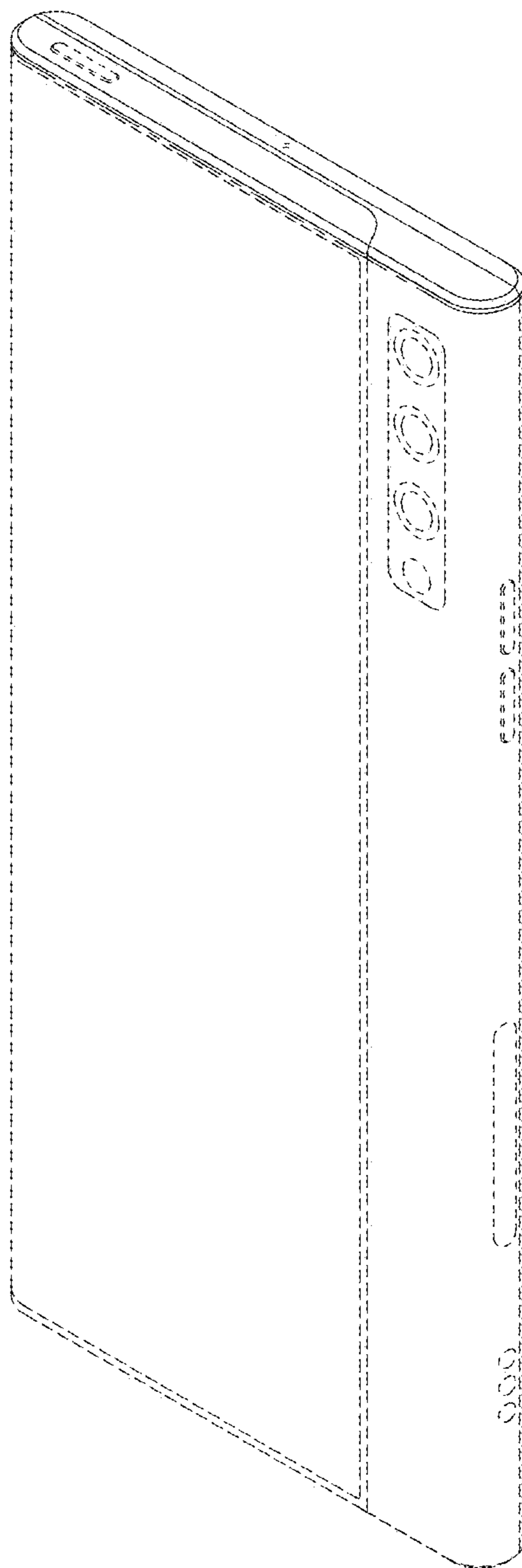


FIG. 9

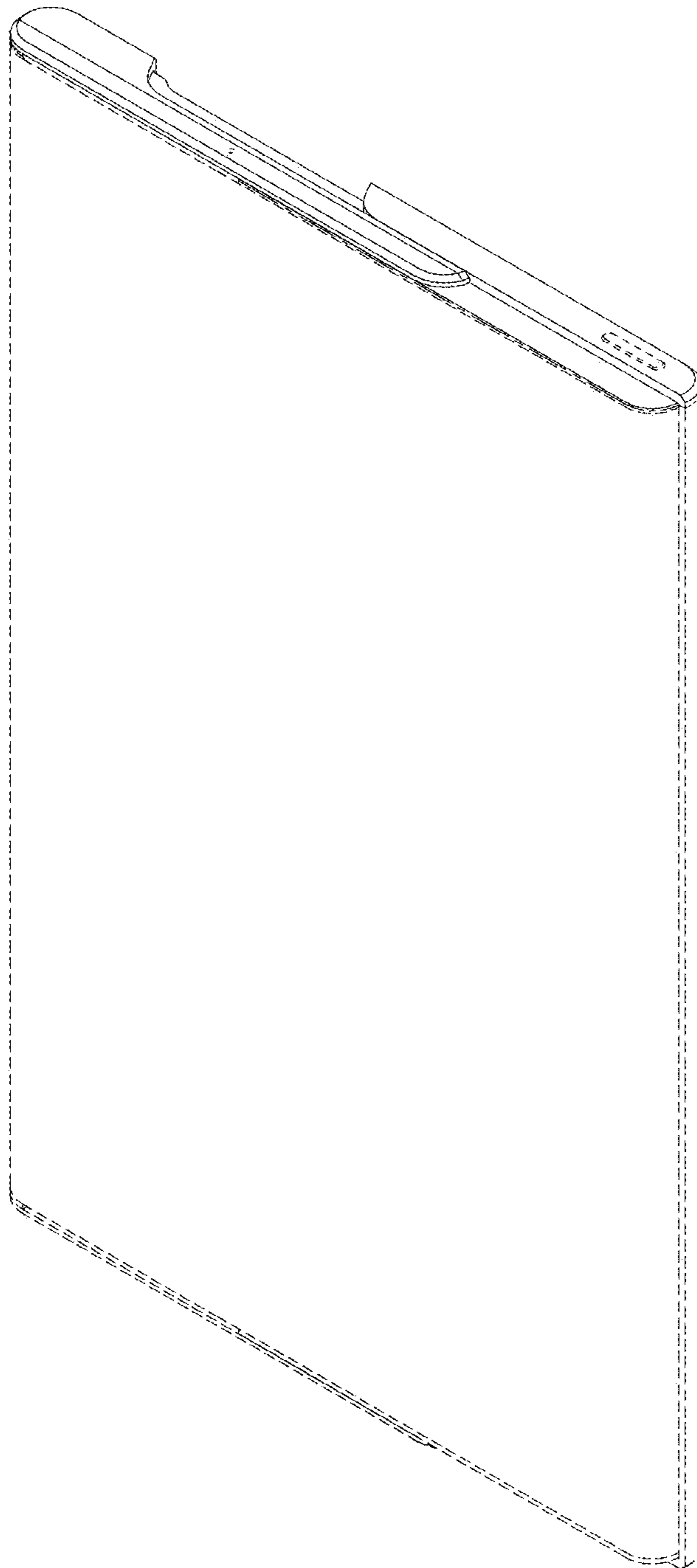


FIG. 10

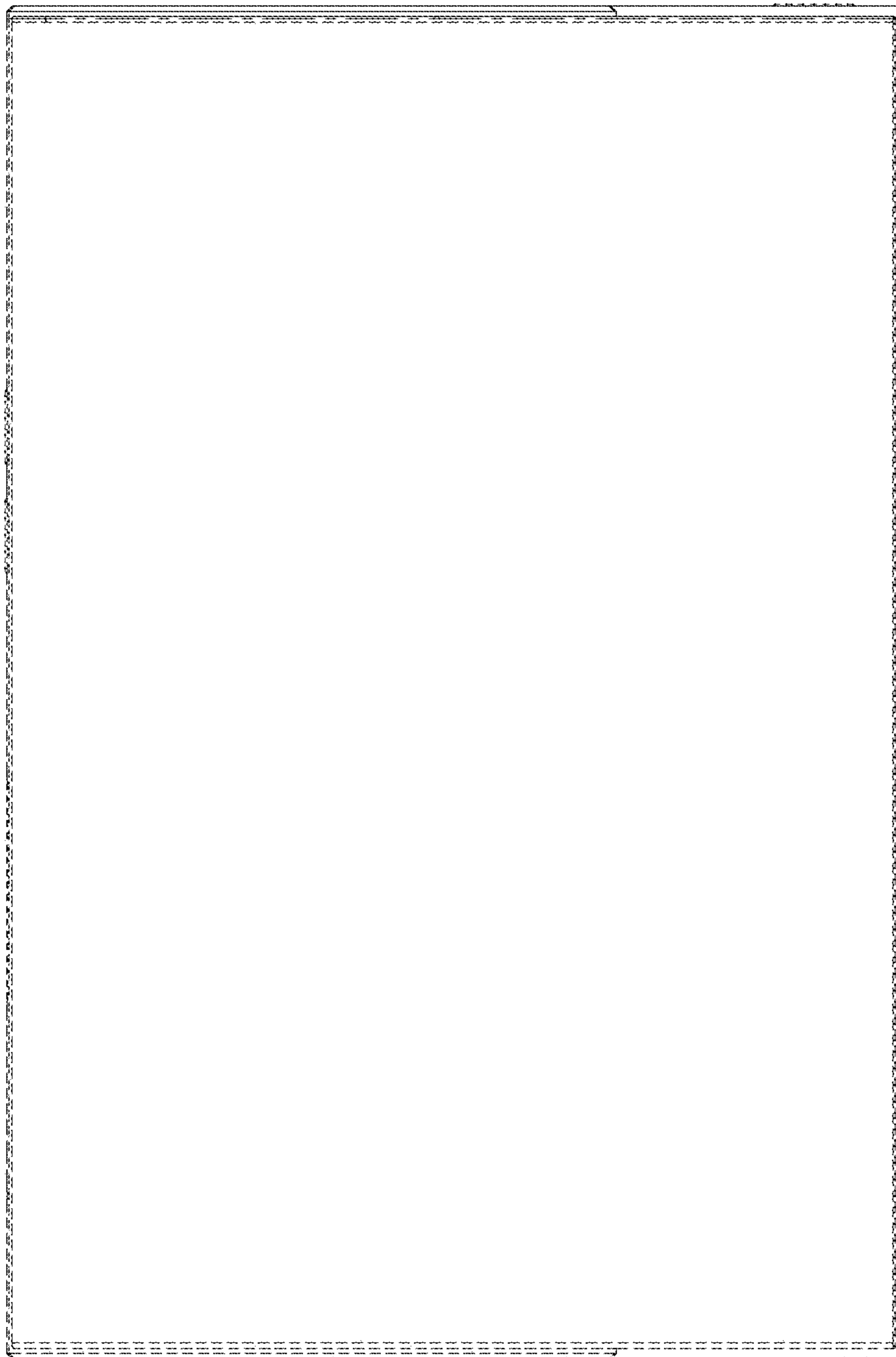


FIG. 11

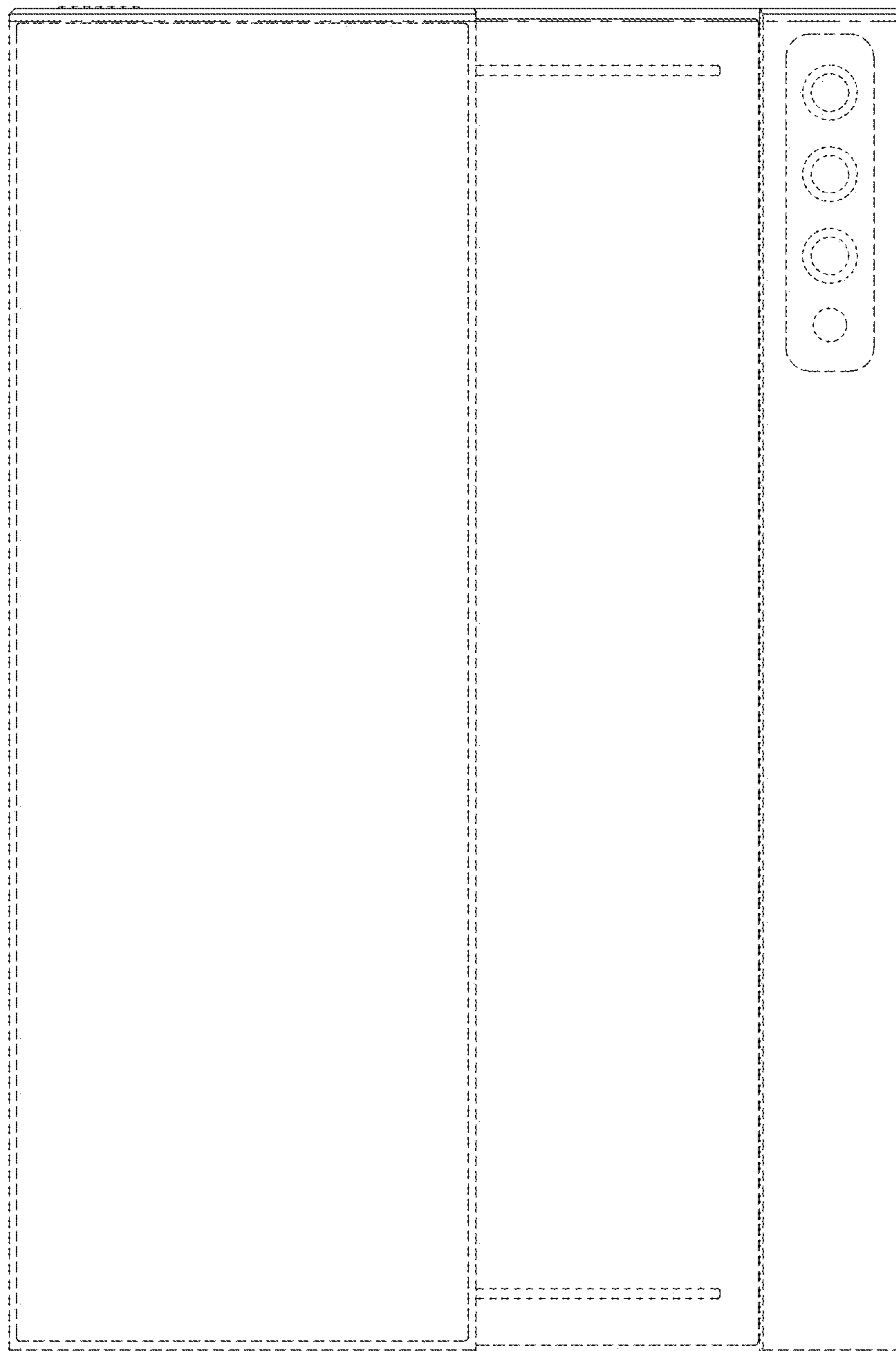


FIG. 12

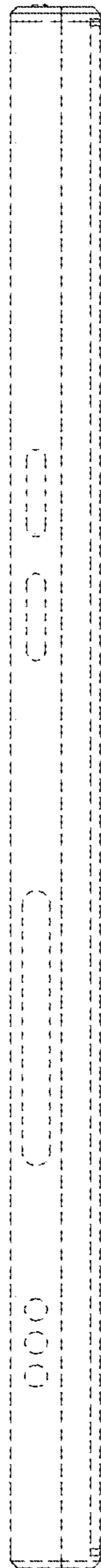


FIG. 13

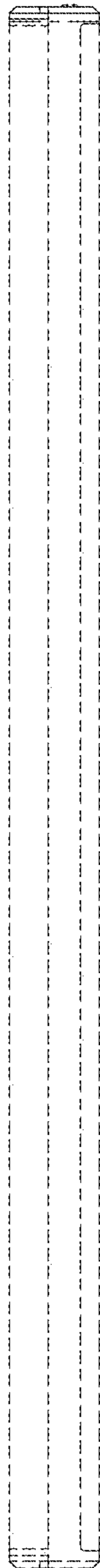


FIG. 14

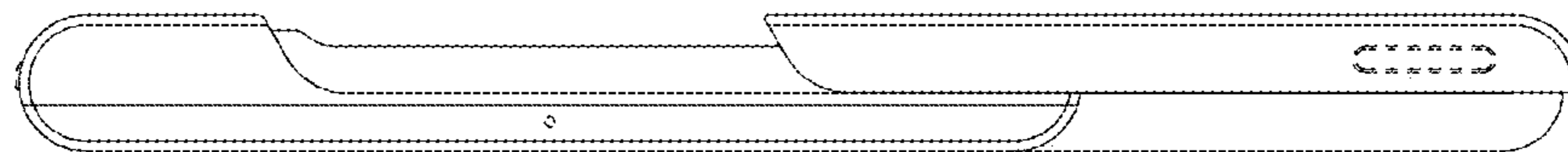


FIG. 15

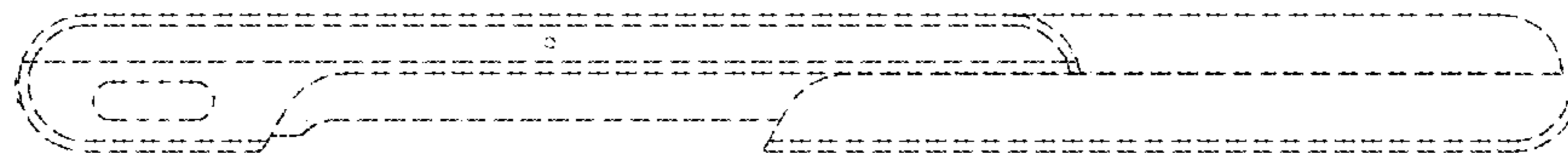


FIG. 16

