



US00D959396S

(12) **United States Design Patent** (10) **Patent No.:** **US D959,396 S**
Lee et al. (45) **Date of Patent:** **** Aug. 2, 2022**

(54) **MOBILE PHONE**

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

(72) Inventors: **Jonghak Lee**, Seoul (KR); **Hongkyu Park**, Seoul (KR); **Jinki Min**, Seoul (KR); **Seunghyun Ji**, Seoul (KR); **Sojin Kim**, Seoul (KR)

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

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

(21) Appl. No.: **29/722,931**

(22) Filed: **Feb. 3, 2020**

(30) **Foreign Application Priority Data**

Aug. 27, 2019 (JP) 2019-018989

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

(52) **U.S. Cl.**
USPC **D14/138 AD; D14/341**

(58) **Field of Classification Search**
USPC D14/138 AD, 138 R, 138 AA, 341, 345, D14/346, 203.1, 203.3, 203.4, 203.7, 248,
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D712,401 S * 9/2014 Lee D14/341
D750,063 S * 2/2016 Chung D14/341
(Continued)

FOREIGN PATENT DOCUMENTS

EM 007541594-0004 * 10/2021
JP D1476428 * 8/2013
(Continued)

OTHER PUBLICATIONS

Leaked Images show TCL prototype phone with expandable, slide-out display, The Verge, by Jon Porter, dated Feb. 17, 2020,

[online], [site visited Mar. 8, 2022]. Available from Internet, URL: <https://www.theverge.com/2020/2/17/21140897/tcl-slide-out-screen-foldable-device-leaked-images> (Year: 2020).*

(Continued)

Primary Examiner — Jeffrey D Asch
(74) *Attorney, Agent, or Firm* — Birch, Stewart, Kolasch & Birch, LLP

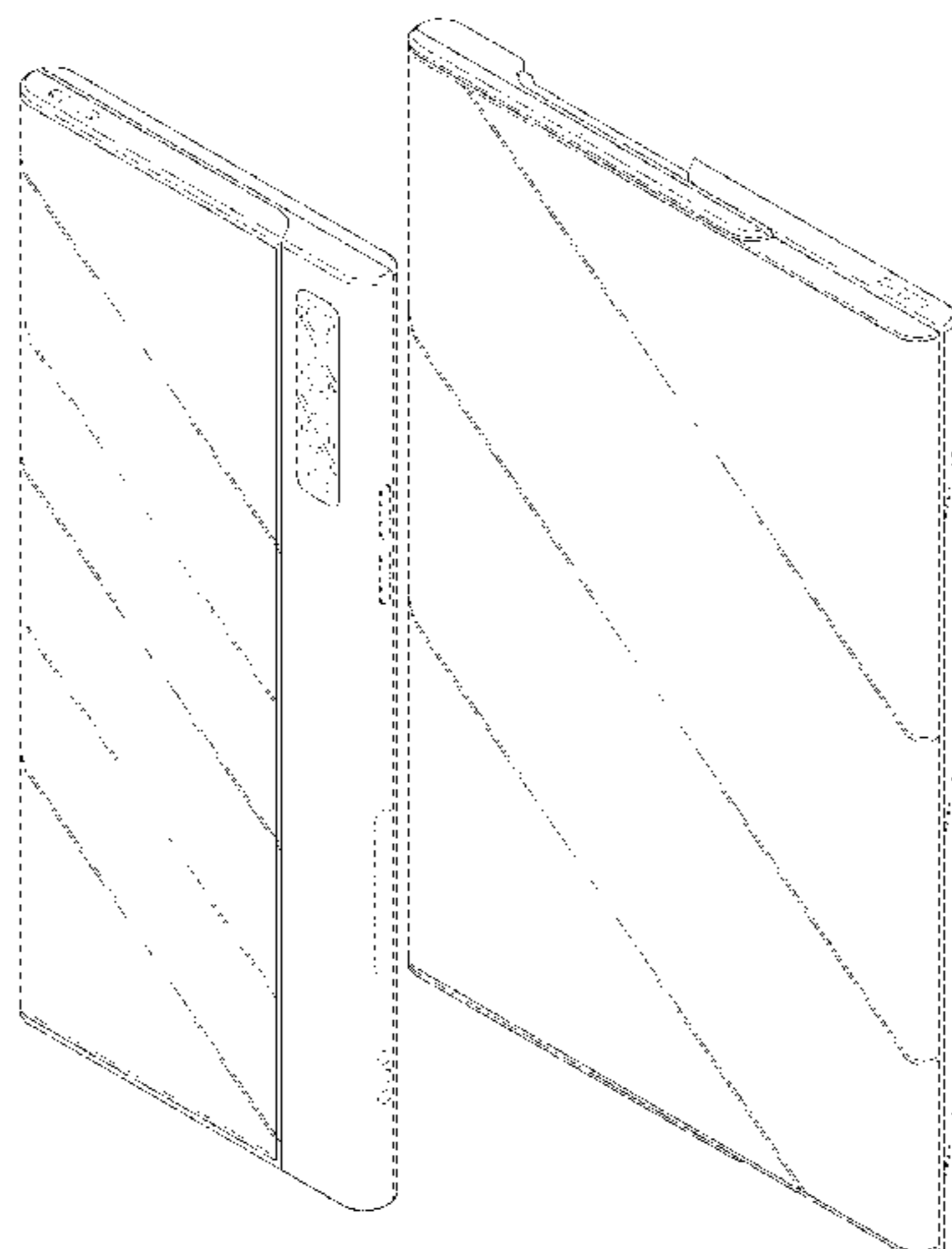
(57) **CLAIM**

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 rear perspective view thereof;
FIG. 9 is a rear perspective view showing the use state in which rear display part is operated, showing example displayed information;
FIG. 10 is a front perspective view in a condition that the rollable display part has been extended.
FIG. 11 is a front view of FIG. 10;
FIG. 12 is a rear view of FIG. 10;
FIG. 13 is a left side view of FIG. 10;
FIG. 14 is a right side view of FIG. 10;
FIG. 15 is a top plan view of FIG. 10;
FIG. 16 is a bottom plan view of FIG. 10; and,
FIG. 17 is a rear perspective view of FIG. 10.
The broken lines depict portions of the mobile phone, and example displayed information in FIG. 9, that form no part of the claimed design.

1 Claim, 17 Drawing Sheets



(58) **Field of Classification Search**

USPC D14/132, 501, 336, 496; D21/517;
D6/704; D16/241

CPC H04M 1/0237; H04M 1/206; H04M 1/208;
H04M 1/0241; H04M 1/0268; G06F
1/1652; G06F 1/1624

See application file for complete search history.

2021/0185835	A1*	6/2021	Song	.....	H05K 5/0017
2021/0191472	A1*	6/2021	Kim	.....	G06F 1/1656
2021/0243905	A1*	8/2021	Kim	.....	G06F 1/1624
2021/0278878	A1*	9/2021	Shim	.....	G06F 1/1677
2021/0320680	A1*	10/2021	Kim	.....	H04M 1/185
2021/0352813	A1*	11/2021	Cho	.....	G06F 1/1683
2021/0359392	A1*	11/2021	Won	.....	H04M 1/0237
2021/0405703	A1*	12/2021	Song	.....	H04M 1/72454
2022/0019264	A1*	1/2022	Cho	.....	G06F 1/1624

(56) **References Cited**

U.S. PATENT DOCUMENTS

D750,067	S	*	2/2016	Park	.....	D14/203.3
9,286,812	B2	*	3/2016	Bohn	.....	G06F 1/1624
D766,891	S	*	9/2016	Hong	.....	D14/341
D781,829	S	*	3/2017	Kim	.....	D14/248
D890,714	S	*	7/2020	Ma	.....	D14/138 AB
10,936,017	B1	*	3/2021	Choi	.....	G06F 1/1643
10,955,876	B1	*	3/2021	Song	.....	G06F 1/1656
D923,598	S	*	6/2021	Lee	.....	H04M 1/0268 D14/138 AD
11,043,191	B1	*	6/2021	Kang	.....	G09G 3/035
11,057,514	B1	*	7/2021	Noh	.....	G06F 3/0488
D926,718	S	*	8/2021	Lee	.....	G06F 1/1624 D14/138 AD
D928,108	S	*	8/2021	Huang	.....	D14/138 AB
11,095,761	B1	*	8/2021	Lim	.....	H04M 1/0268
D933,625	S	*	10/2021	Lee	.....	D14/138 AD
11,151,917	B1	*	10/2021	Kim	.....	G06F 1/1624
D936,626	S	*	11/2021	Lee	.....	D14/138 AD
D940,677	S	*	1/2022	Min	.....	D14/138 AD
11,226,655	B2	*	1/2022	Shim	.....	G06F 1/1643
2015/0116921	A1	*	4/2015	Hsu	.....	G06F 1/1624 361/679.27
2020/0253069	A1	*	8/2020	Cha	.....	G06F 1/1681
2020/0264660	A1	*	8/2020	Song	.....	G06F 1/1624
2020/0267246	A1	*	8/2020	Song	.....	H04M 1/0268
2021/0159585	A1	*	5/2021	Choi	.....	H01Q 1/243

FOREIGN PATENT DOCUMENTS

JP	D1476882	*	8/2013
WO	D203668-001	*	11/2019

OTHER PUBLICATIONS

LG's Rollable Phone is becoming a Reality!, TechAvid youtube.com, dated Dec. 2, 2020, [online], [site visited Feb. 20, 2021]. Available from Internet, URL: <https://www.youtube.com/watch?v=tZK6a4-GunE> (Year: 2020).*

LG Rollable Phone Versus TCL Rollable Phone; Who Won CES 2021?, by Kelvin, Jan. 14, 2021, Concept Phones, [online], [site visited Feb. 20, 2021]. Available from Internet, URL: <https://www.concept-phones.com/lg/lg-rollable-phone-versus-tcl-rollable-phone-who-won-ces-2021/> (Year: 2021).*

Top 5 Rollable Phones with Sliding screens 2021 | Rollable Smartphones | Rolling Display Phones, Top 5 Gadgets, youtube.com, dated Nov. 25, 2020, [online], [site visited Feb. 20, 2021]. Available from Internet, URL: <https://www.youtube.com/watch?v=ZjofT-71k8U> (Year: 2020).*

Rollable display smartphones are coming Next!, GadgetMatch, youtube.com, dated Mar. 5, 2020, [online], [site visited Feb. 20, 2021]. Available from Internet, URL: <https://www.youtube.com/watch?v=uzExejMsVOY> (Year: 2020).*

* cited by examiner

FIG. 1

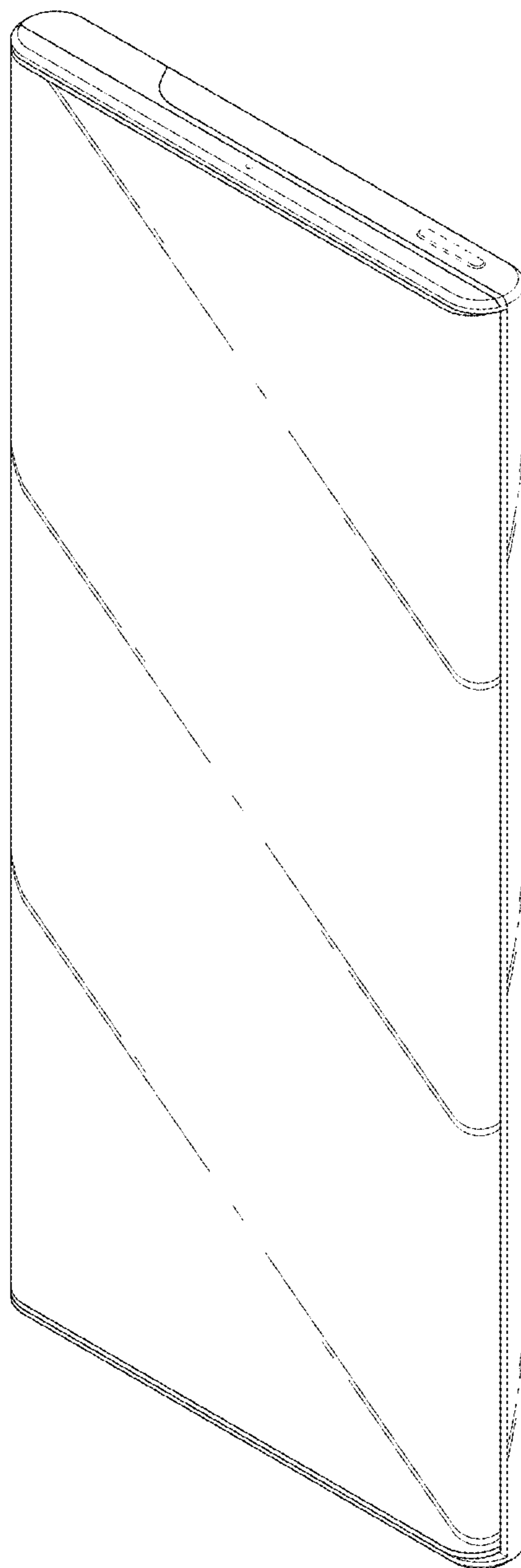


FIG. 2

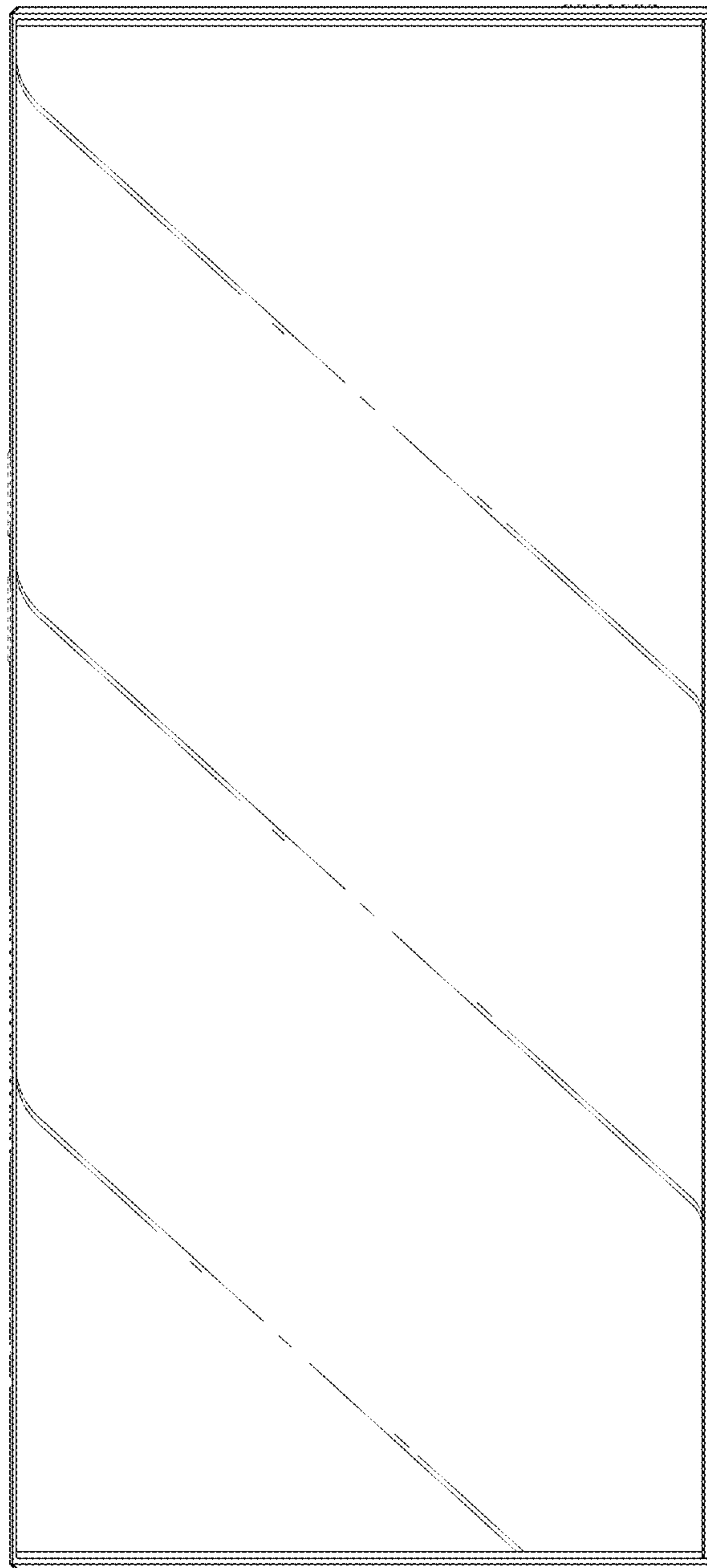


FIG. 3

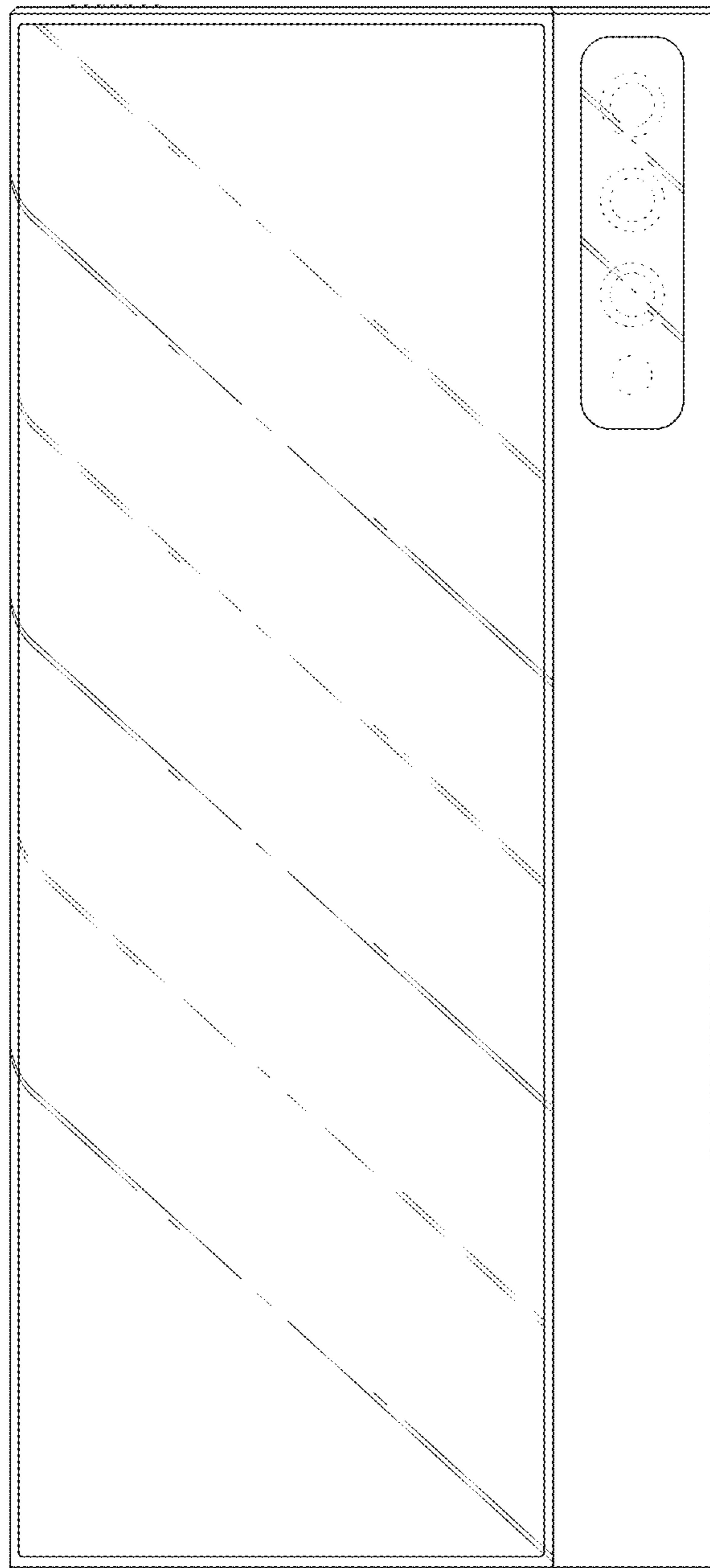


FIG. 4

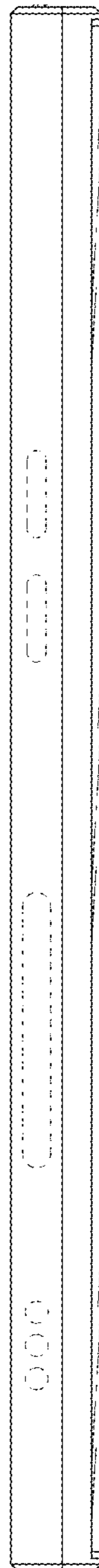


FIG. 5



FIG. 6

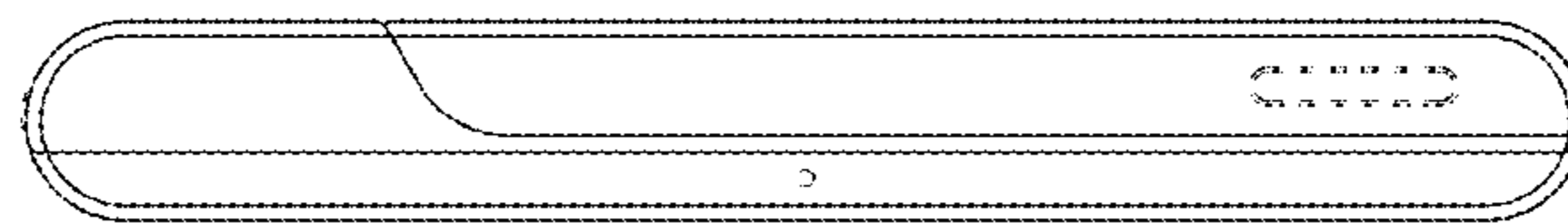


FIG. 7

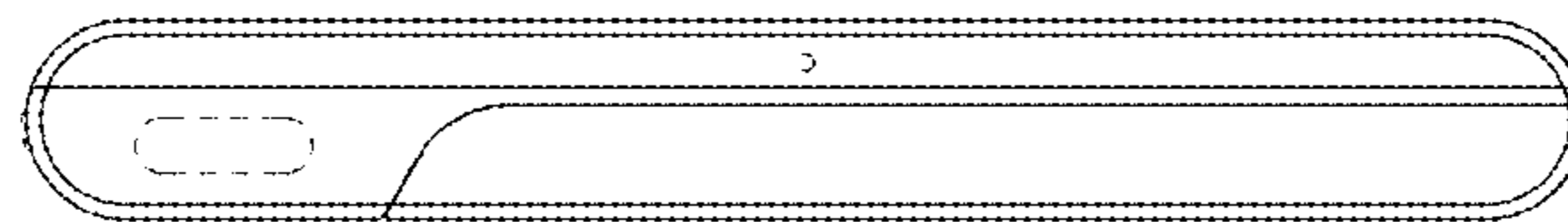


FIG. 8

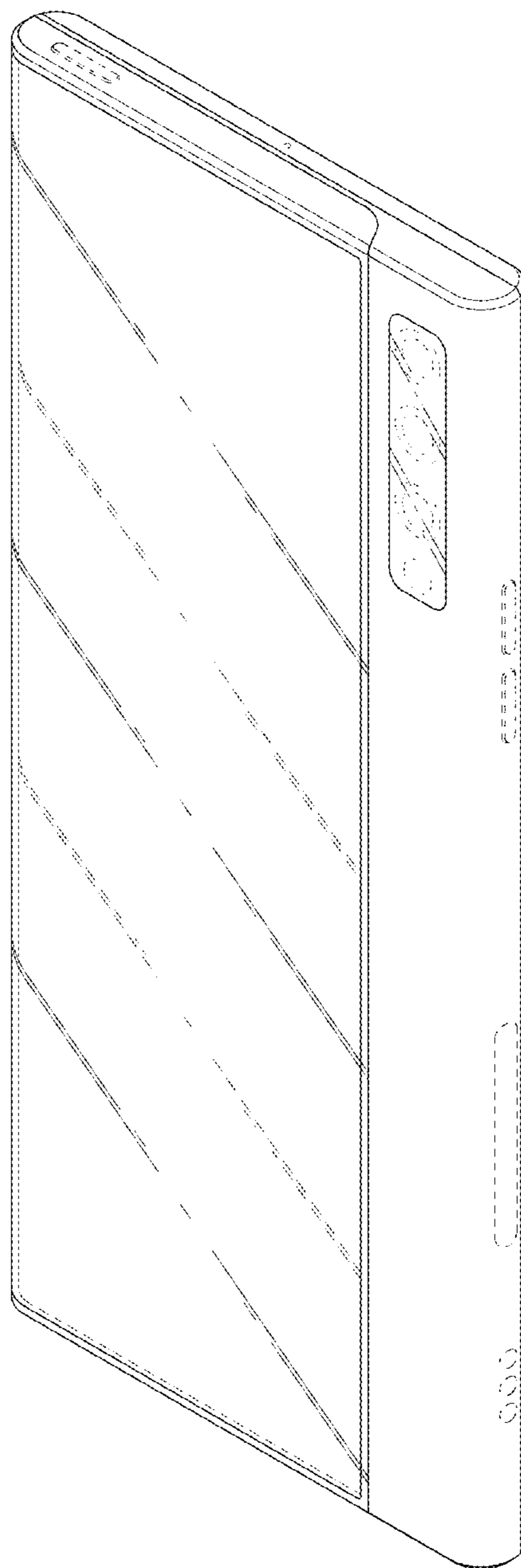


FIG. 9

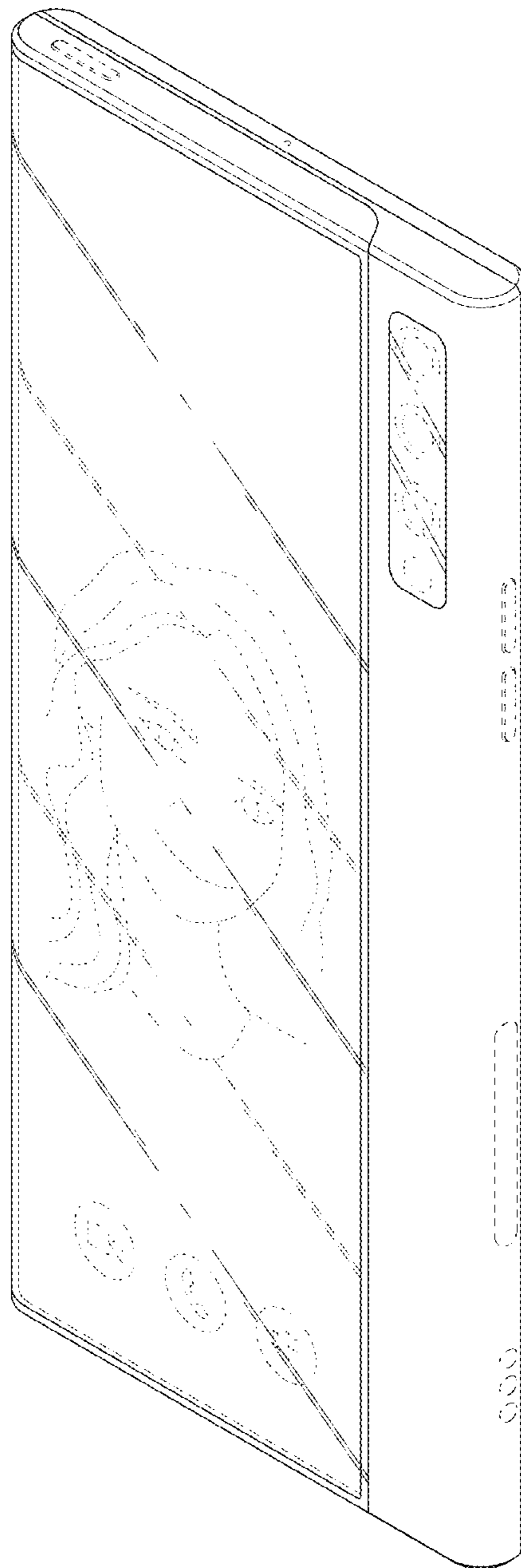


FIG. 10

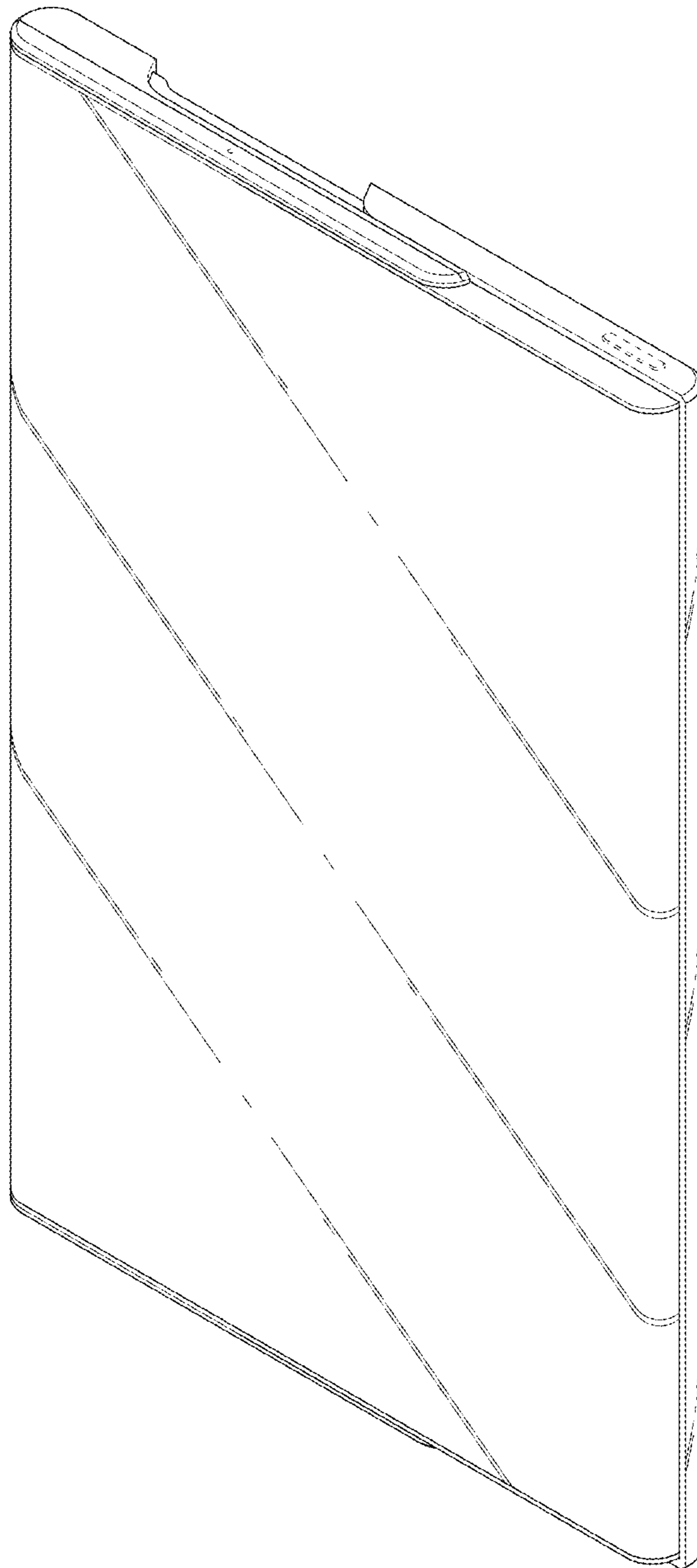


FIG. 11

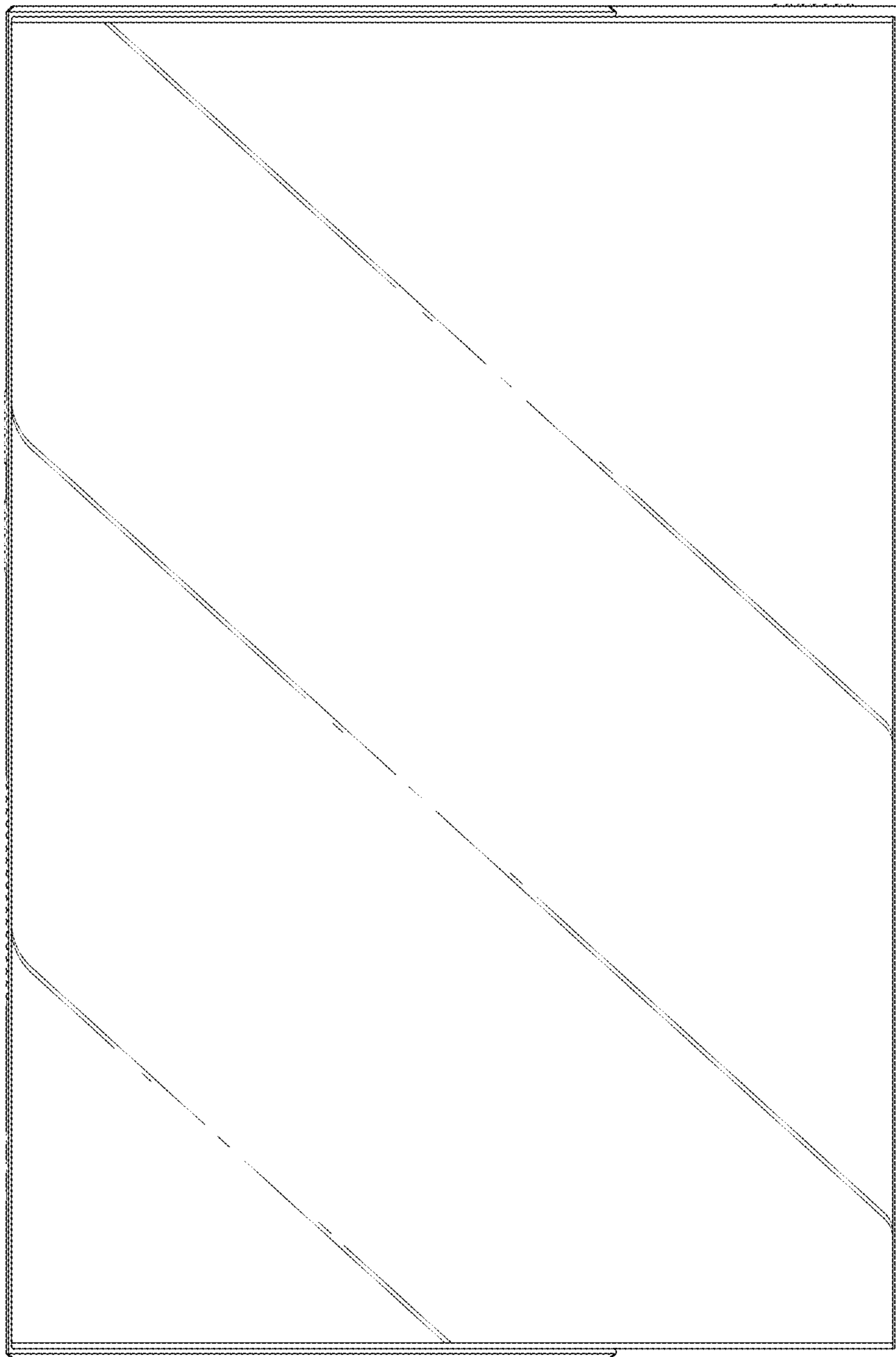


FIG. 12

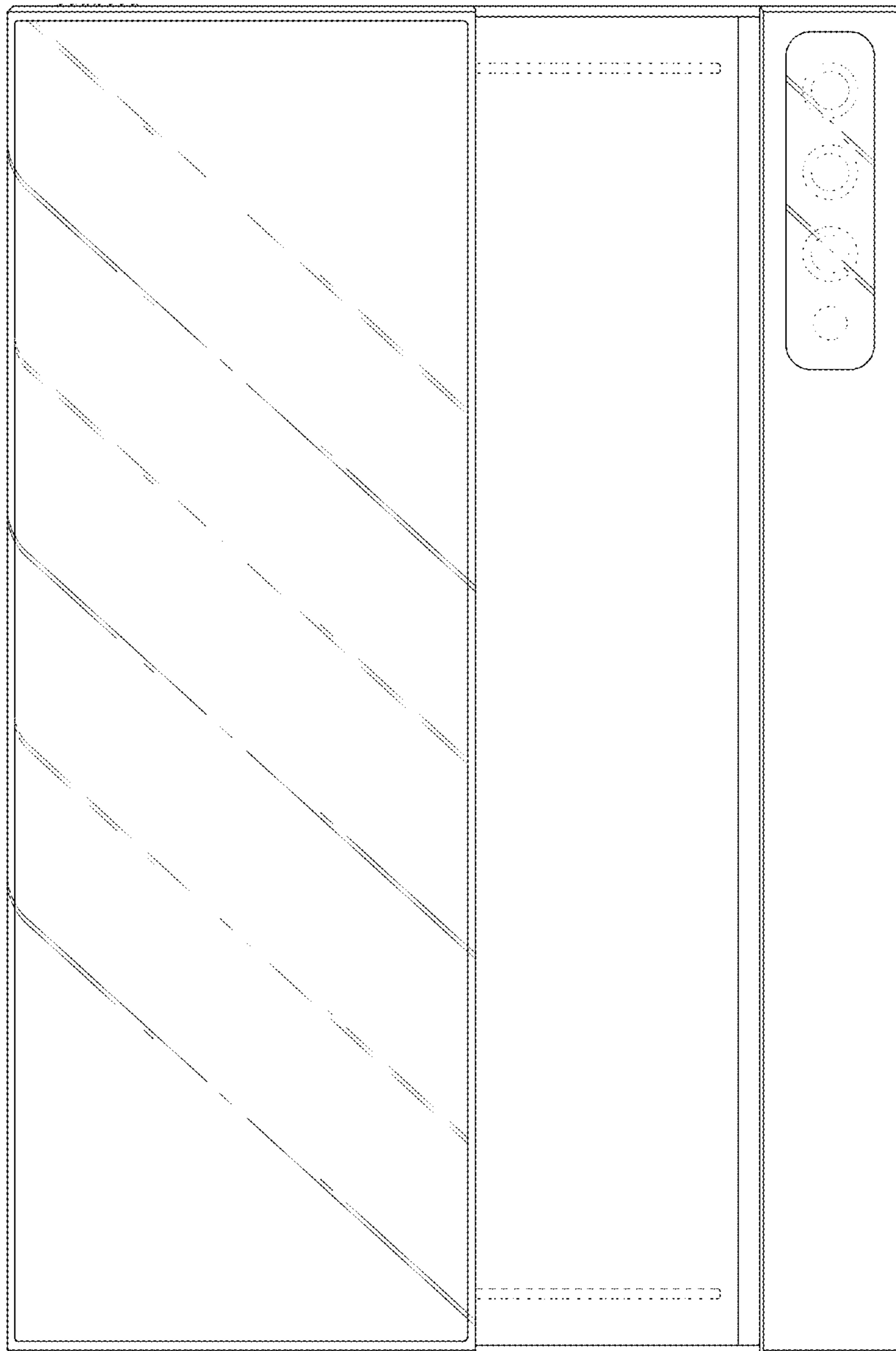


FIG. 13



FIG. 14

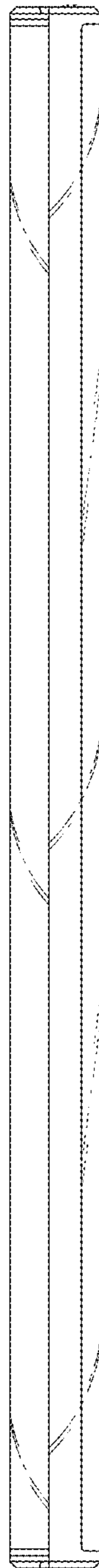


FIG. 15

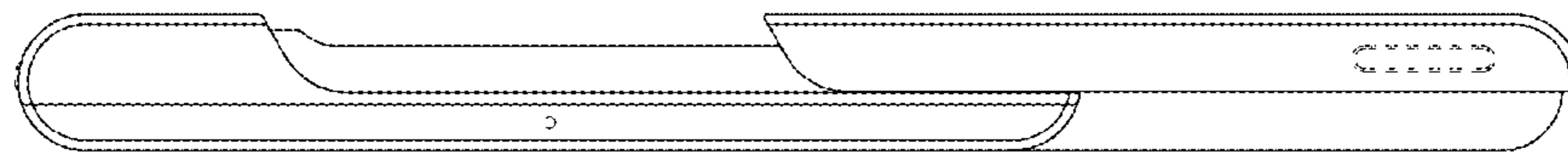


FIG. 16

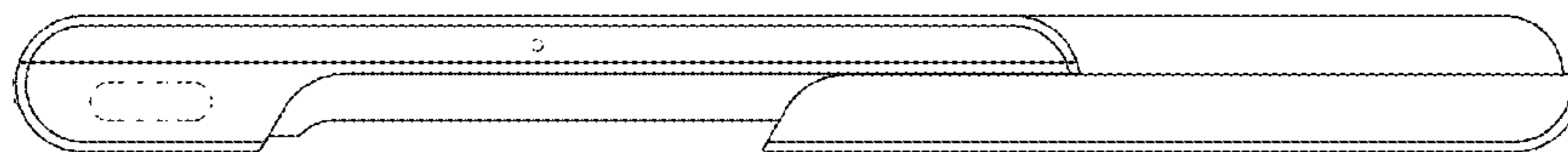


FIG. 17

