



US00D820800S

(12) **United States Design Patent** (10) **Patent No.:** **US D820,800 S**  
**Song et al.** (45) **Date of Patent:** **\*\* \*Jun. 19, 2018**

(54) **MOBILE PHONE**

- (71) Applicant: **Samsung Electronics Co., Ltd.**,  
Suwon-si (KR)
- (72) Inventors: **Sanghoon Song**, Gumi-si (KR);  
**Youn-Gun Jung**, Suwon-si (KR);  
**Yoonyoung Choi**, Seoul (KR);  
**Junyoung Lee**, Seoul (KR)
- (73) Assignee: **SAMSUNG ELECTRONICS CO., LTD.**,  
Suwon-si (KR)
- (\*) Notice: This patent is subject to a terminal disclaimer.
- (\*\*) Term: **15 Years**

(21) Appl. No.: **29/597,806**

(22) Filed: **Mar. 20, 2017**

(30) **Foreign Application Priority Data**

Nov. 25, 2016 (KR) ..... 30-2016-0056997

(51) **LOC (11) Cl.** ..... **14-03**

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

(58) **Field of Classification Search**  
USPC ..... D14/138 AA, 138 AB, 138 AC, 138 AD,  
D14/138 C, 138 G, 138 R, 248, 315-318,  
(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D701,192 S \* 3/2014 Park ..... D14/138 G  
D728,505 S \* 5/2015 Chung ..... D14/138 G  
(Continued)

**FOREIGN PATENT DOCUMENTS**

CN 303479644 S 12/2015  
KR 30-0743368 5/2014  
(Continued)

**OTHER PUBLICATIONS**

Apple iPhone 7, Sep. 2016, [online], [site visited Jun. 23, 2017].  
Retrieved from url:http://www.gsmarena.com/apple\_iphone\_7-pictures-8064.php.\*

(Continued)

*Primary Examiner* — Jeffrey D Asch

*Assistant Examiner* — Tracey J Bell

(74) *Attorney, Agent, or Firm* — McAndrews Held & Malloy, Ltd.

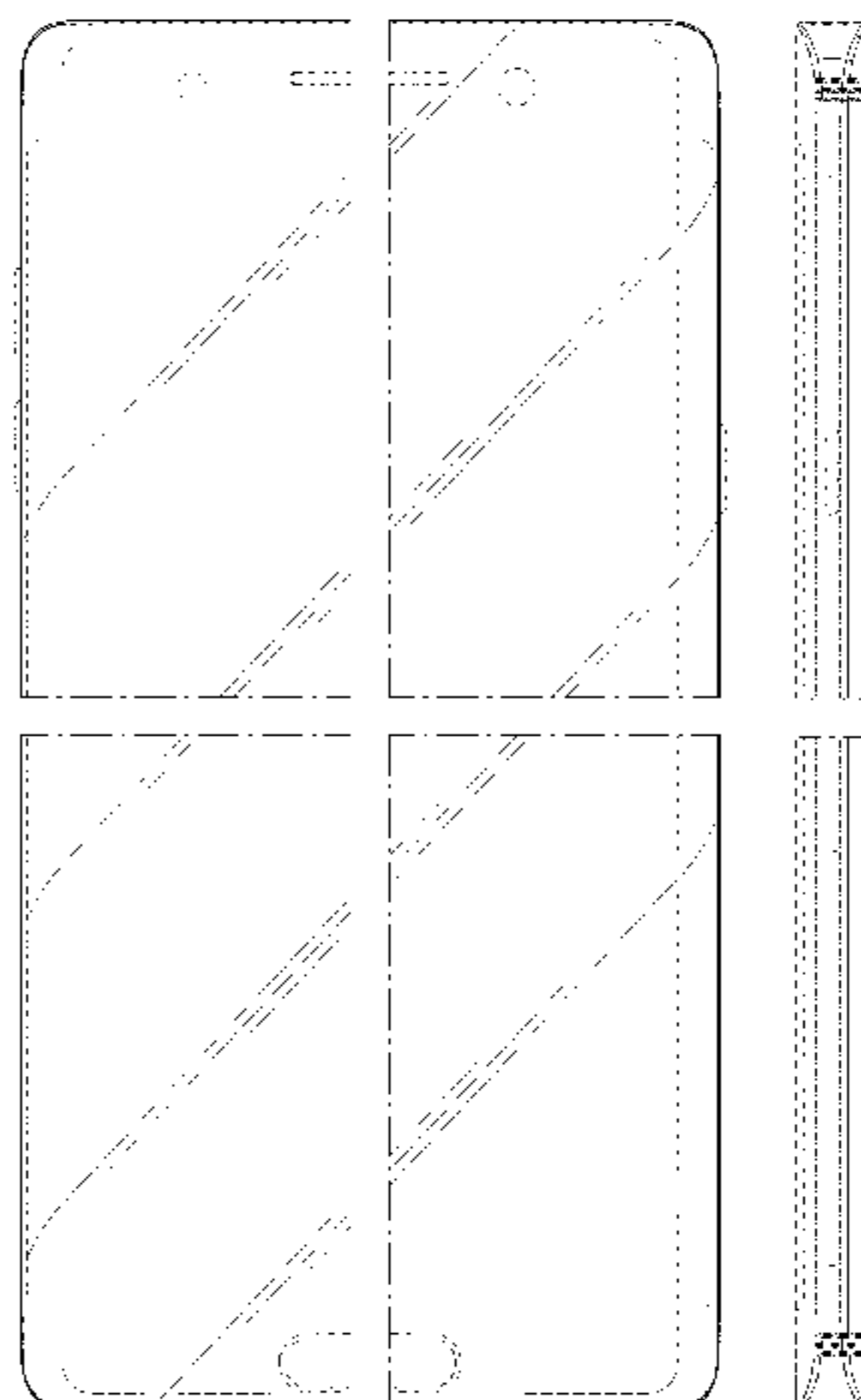
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a front perspective view of a mobile phone showing our new design according to a first embodiment;  
 FIG. 2 is a front elevation view thereof;  
 FIG. 3 is a rear elevation view thereof;  
 FIG. 4 is a left side elevation view thereof;  
 FIG. 5 is a right side elevation 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 front perspective view of a mobile phone showing our new design according to a second embodiment;  
 FIG. 10 is a front elevation view thereof;  
 FIG. 11 is a rear elevation view thereof;  
 FIG. 12 is a left side elevation view thereof;  
 FIG. 13 is a right side elevation view thereof;  
 FIG. 14 is a top plan view thereof;  
 FIG. 15 is a bottom plan view thereof;  
 FIG. 16 is a rear perspective view thereof;  
 FIG. 17 is a front perspective view of a mobile phone showing our new design according to a third embodiment;  
 FIG. 18 is a front elevation view thereof;  
 FIG. 19 is a rear elevation view thereof;  
 FIG. 20 is a left side elevation view thereof;  
 FIG. 21 is a right side elevation view thereof;  
 FIG. 22 is a top plan view thereof;  
 FIG. 23 is a bottom plan view thereof; and,  
 FIG. 24 is a rear perspective view thereof.

(Continued)



The evenly spaced dashed broken lines in the figures that are immediately adjacent to the shaded areas and define unshaded regions, and the dot-dash broken lines, represent the bounds of the claim. The appearance of any portion of the article between the pairs of dot-dash broken lines forms no part of the claimed design. All other evenly spaced broken lines in the figures, including the features within broken line boundaries, the broken lines on the front surface to the right and left of the speaker, and the broken lines showing the display, are directed to environment. All broken lines in the figures form no part of the claimed design.

**1 Claim, 18 Drawing Sheets**

**(58) Field of Classification Search**

USPC ..... D14/341, 342, 345, 346, 203.1, 203.3,  
D14/203.7, 218, 250; D21/324, 329, 330  
CPC .. H04M 1/027; H04M 1/0202; H04M 1/0279;  
H04M 1/0235; H04M 1/0237; H04M  
1/0239; H04M 1/0266; H04M 1/0268;  
H04M 1/0295; G06F 1/1652; G06F  
1/1626

See application file for complete search history.

**(56) References Cited**

**U.S. PATENT DOCUMENTS**

D731,481	S *	6/2015	Akana	.....	D14/341
D732,498	S *	6/2015	Huang	.....	D14/138 G
D741,279	S *	10/2015	Tai	.....	D14/138 G
D749,535	S *	2/2016	Joung	.....	D14/138 G
D750,588	S *	3/2016	Kim	.....	D14/138 G
D767,522	S *	9/2016	Wu	.....	D14/138 G
D775,600	S *	1/2017	Kim	.....	D14/138 G
D780,748	S *	3/2017	Wang	.....	D14/138 G
D781,807	S *	3/2017	Hubbard	.....	D14/138 G
D782,456	S *	3/2017	Park	.....	D14/248
D783,567	S *	4/2017	Park	.....	D14/138 G
D784,279	S *	4/2017	Lee	.....	D14/138 G
D784,314	S *	4/2017	Ryu	.....	D14/248
D789,317	S *	6/2017	Lee	.....	D14/138 G
D790,498	S *	6/2017	Wu	.....	D14/138 G
D791,730	S *	7/2017	Li	.....	D14/138 G
D800,716	S *	10/2017	Akana	.....	D14/341
D801,297	S *	10/2017	Song	.....	D14/138 G
D801,322	S *	10/2017	Song	.....	D14/248
2014/0284096	A1 *	9/2014	Wu	.....	H05K 5/04 174/520
2015/0212626	A1 *	7/2015	Kim	.....	G06F 3/044 345/174
2016/0233573	A1 *	8/2016	Son	.....	H04M 1/0202
2016/0234361	A1 *	8/2016	Baek	.....	H04M 1/0262
2016/0313773	A1 *	10/2016	Kim	.....	H04B 1/036
2016/0324025	A1 *	11/2016	Bustle	.....	B29C 45/14311
2017/0077597	A1 *	3/2017	Gong	.....	H04W 4/008

**FOREIGN PATENT DOCUMENTS**

KR	30-0840025	2/2016
KR	30-0842491	3/2016
WO	DM/085 983	4/2015

**OTHER PUBLICATIONS**

Elephone S7, Nov. 15, 2016, [online], [site visited Jan. 13, 2017]. Retrieved from <url:https://www.youtube.com/watch?v=X1nwOmouhGE>.\*

Just in Oppo R9s hands-on, GSMarena, Nov. 25, 2016, [online], [site visited Jun. 27, 2017]. Retrieved from url:http://www.gsmarena.com/oppo\_r9s\_handson\_a\_handsome\_camerman-blog-21846.php.\*

LG V30 Design Gets Closer to Reality in This Trailer, Concept Phones, May 27, 2017, [online], [site visited Jun. 30, 2017]. Retrieved from url:https://www.concept-phones.com/lg/lg-v30-design-closer-reality-trailer-video/.\*

New model Vernee Mars will sport arc antenna, China Gadgets Reviews, Aug. 15, 2016, [online], [site visited Jun. 28, 2017]. Retrieved from url:http://chinagadgetsreviews.com/new-model-vernee-mars-will-sport-arc-antenna.html.\*

Oppo R9s, Oct. 2016, [online], [site visited Jun. 28, 2017]. Retrieved from url:http://www.gsmarena.com/oppo\_r9s-pictures-8386.php.\*

Samsung Galaxy C7, Jun. 2016, [online], [site visited Jun. 23, 2017]. Retrieved from url:http://www.gsmarena.com/samsung\_galaxy\_c7-pictures-8046.php.\*

Samsung Galaxy C9 Pro officially unveiled as the manufacturers first phone with 6GB of RAM, Oct. 21, 2016, [online], [site visited Jun. 27, 2017]. Retrieved from url:http://www.phonearena.com/news/Samsung-Galaxy-C9-Pro-officially-unveiled-as-the-manufacturers-first-phone-with-6GB-of-RAM\_id86873.\*

Samsung Galaxy C10 Gets Finalized Render, Looks Legit, Concept Phones, Jun. 17, 2017, [online], [sited visited Jun. 23, 2017]. Retrieved from url: https://www.concept-phones.com/samsung/samsung-galaxy-c10-finalized-render-legit-video/.\*

Samsung Galaxy Note7, Aug. 2016, [online], [site visited Jun. 23, 2017]. Retrieved from url: http://www.gsmarena.com/samsung\_galaxy\_note7\_(usa)-pictures-8242.php.\*

Samsung Galaxy S6 edge, Apr. 2015, [online], [site visited Jun. 23, 2017]. Retrieved from url:http://www.gsmarena.com/samsung\_galaxy\_s6\_edge-pictures-7079.php.\*

Samsung Galaxy S7 edge, Feb. 2016, [online], [site visited Jun. 23, 2017]. Retrieved from url:http://www.gsmarena.com/samsung\_galaxy\_s7\_edge-pictures-7945.php.\*

Samsung Galaxy S8, Apr. 2017, [online], [site visited Jun. 23, 2017]. Retrieved from url:http://www.gsmarena.com/samsung\_galaxy\_s8-pictures-8161.php.\*

Vivo Xplay6, Dec. 2016, [online], [site visited Jun. 29, 2017]. Retrieved from url:http://www.gsmarena.com/vivo\_xplay6-pictures-8436.php.\*

Xiaomi Mi Note 2, Nov. 2016, [online], [site visited Jun. 23, 2017]. Retrieved from url:http://www.gsmarena.com/xiaomi\_mi\_note\_2-pictures-8014.php.\*

Unknown, "Xplay5", published on the internet at vivo.com: <http://www.vivo.com.cn/vivo/xplay5s/> (Last accessed Apr. 7, 2017).

Unknown, "Huawei Mate 9 Smartphone", published on the internet at consumer.huawei.com: <http://consumer.huawei.com/en/mobile-phones/mate9/index.htm> (Last accessed Apr. 7, 2017).

Unknown, "Huawei Mate 8", published on the internet at consumer.huawei.com: <https://consumer.huawei.com/cn/mobile-phones/mate8/index.html> (Last accessed Apr. 7, 2017).

Unknown, "Millet 5", published on the internet at mi.com: <http://www.mi.com/mi5/specs/> (Last accessed Apr. 7, 2017).

\* cited by examiner

FIG. 1

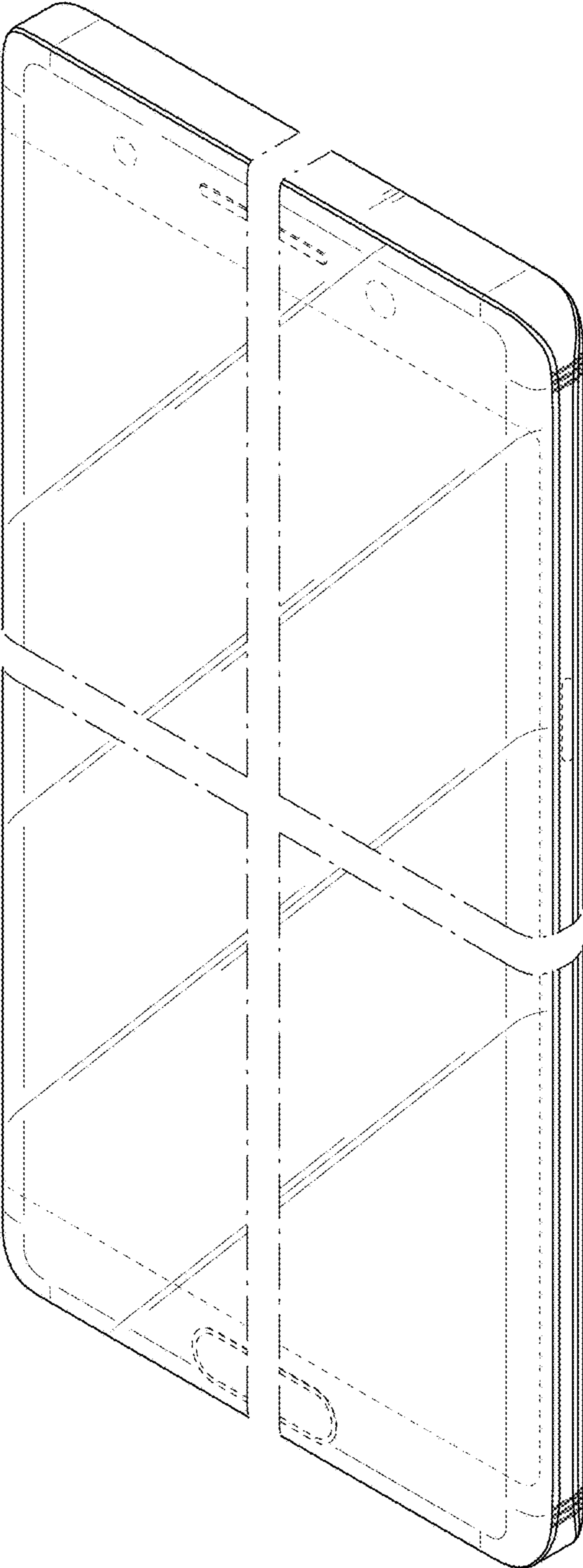


FIG. 2

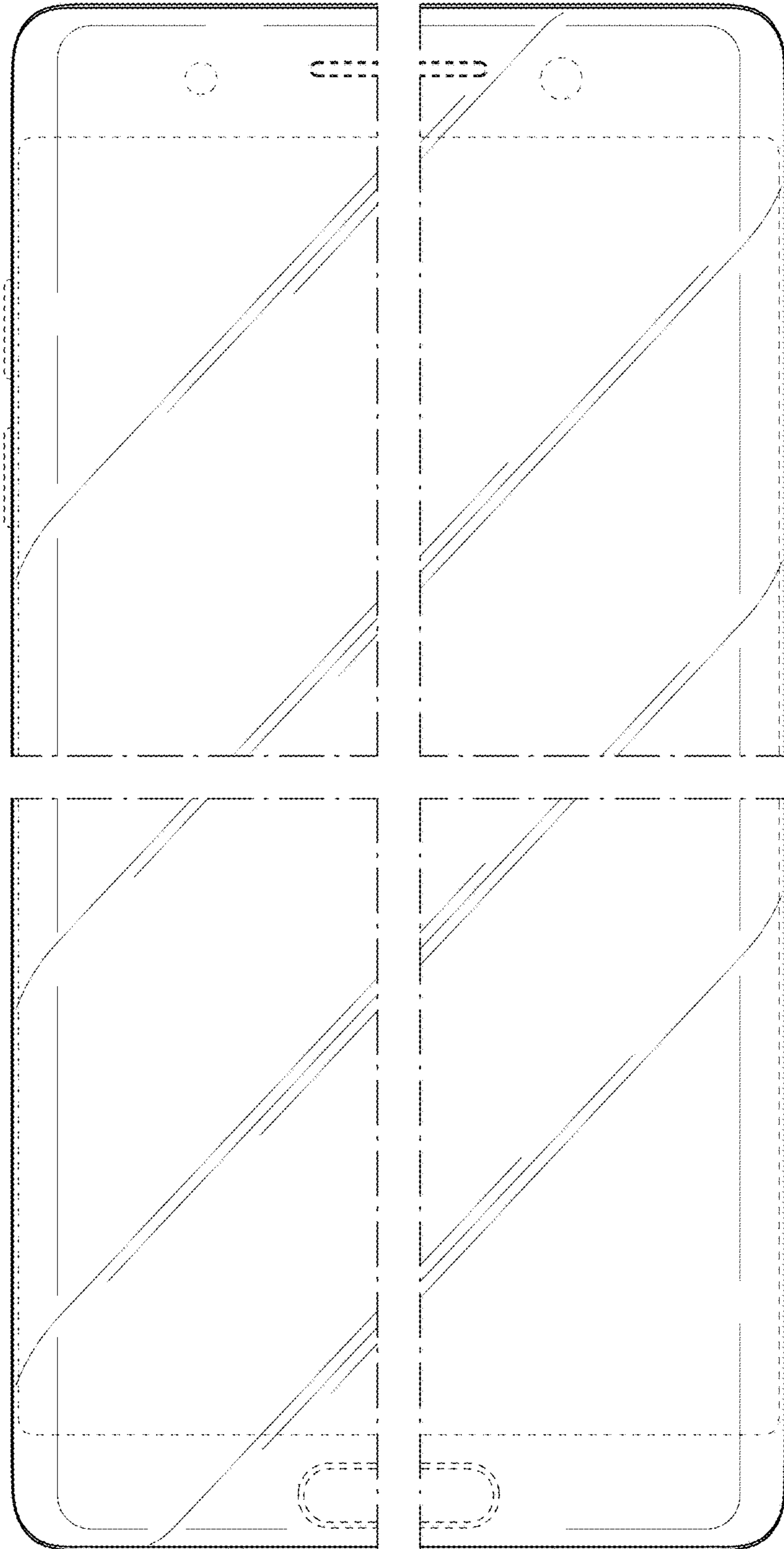


FIG. 3

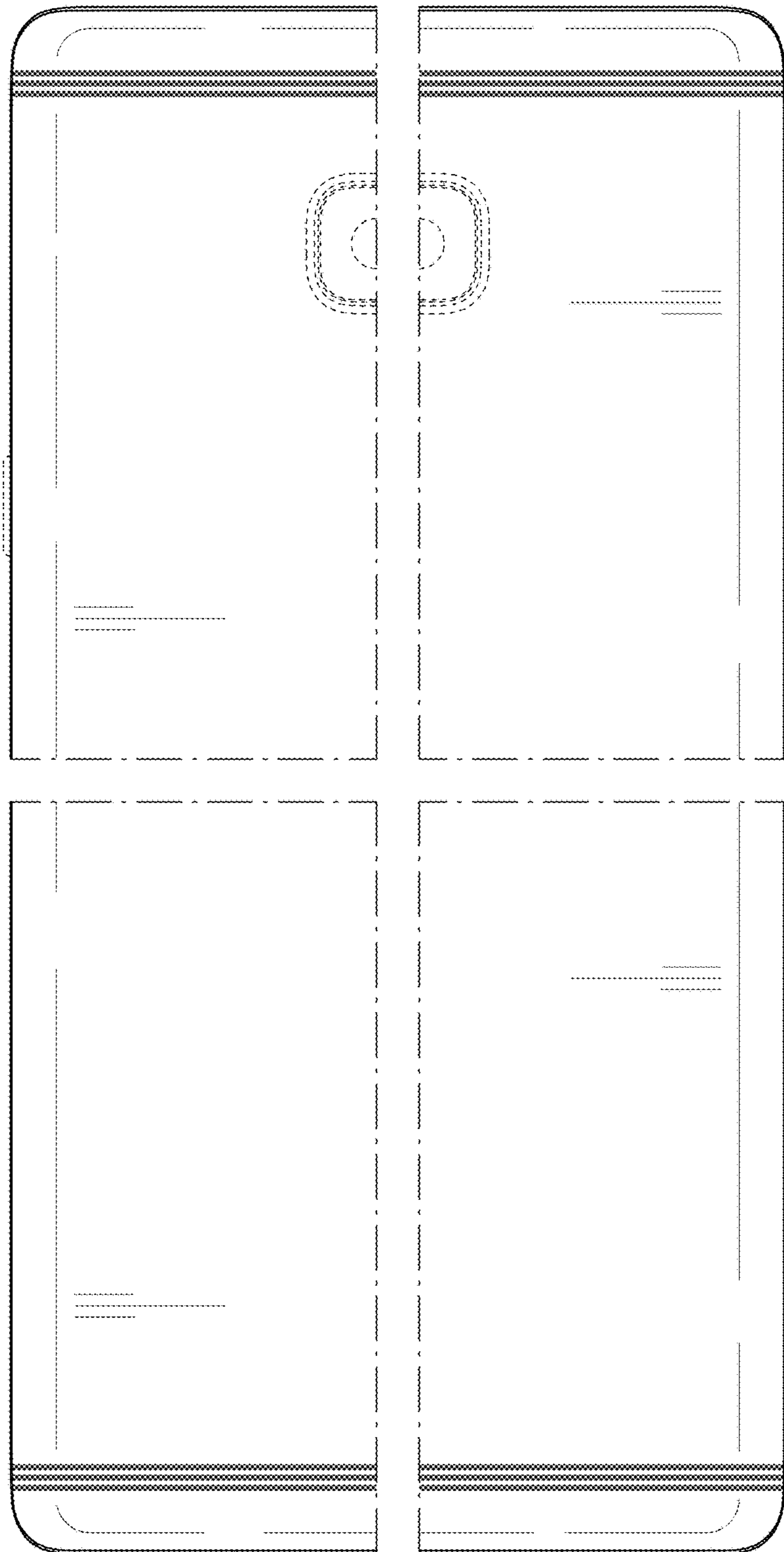


FIG. 4

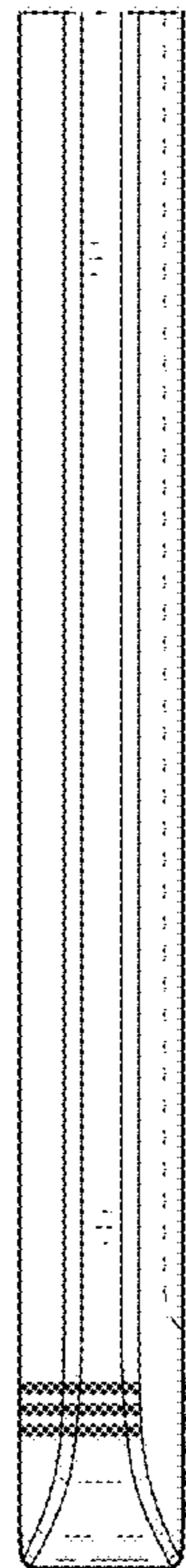
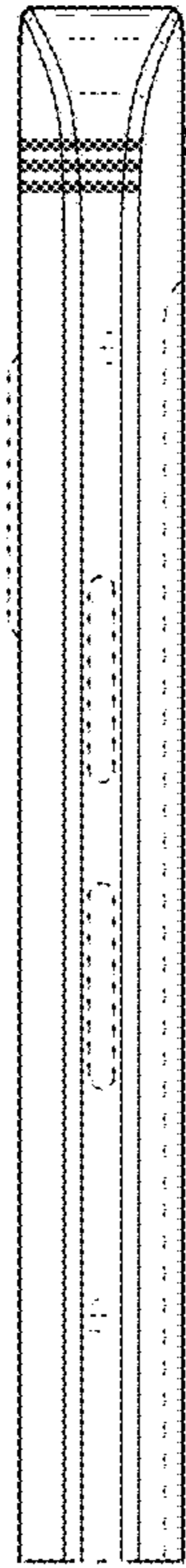


FIG. 5

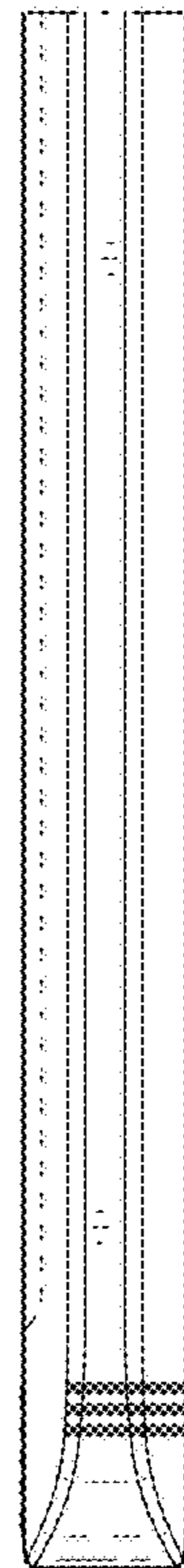
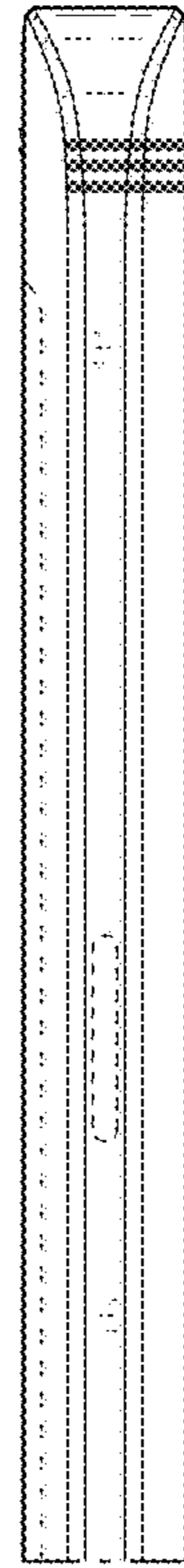


FIG. 6

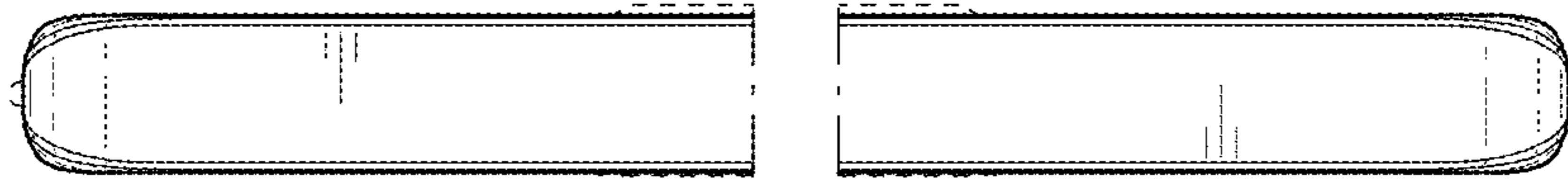


FIG. 7

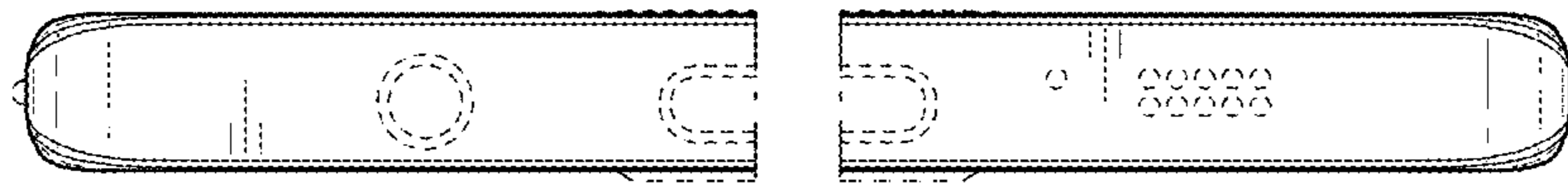


FIG. 8

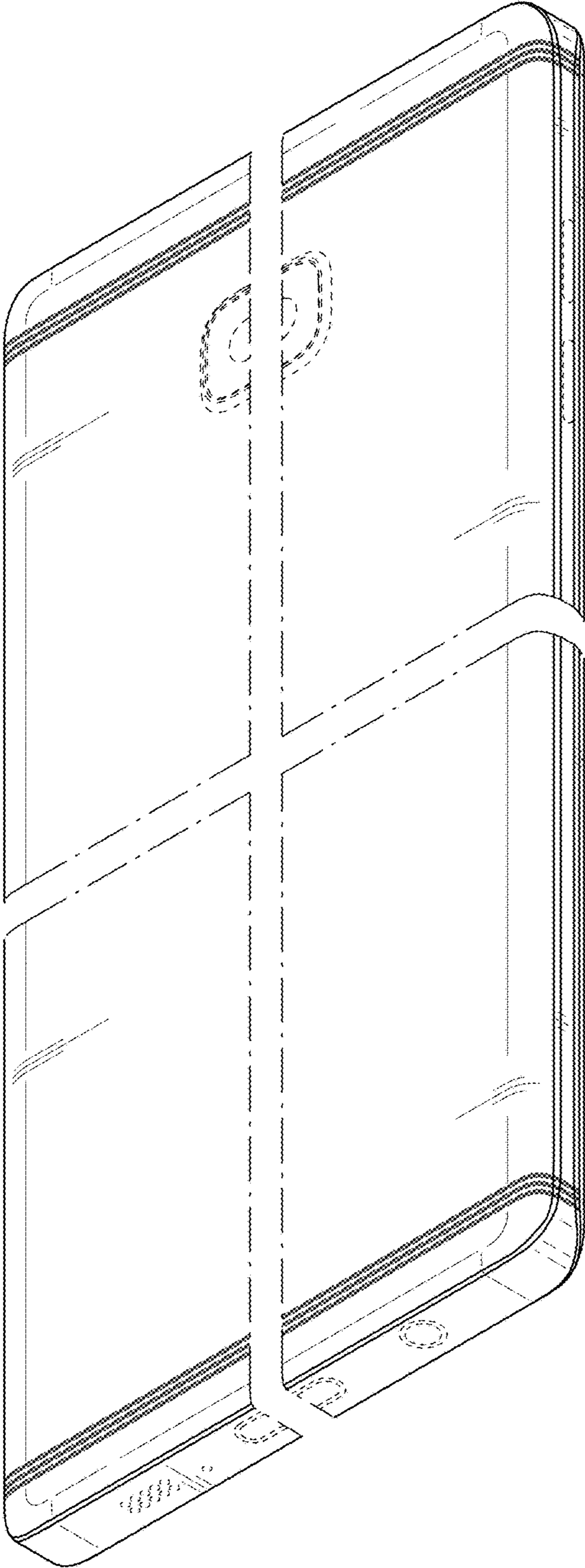




FIG. 9

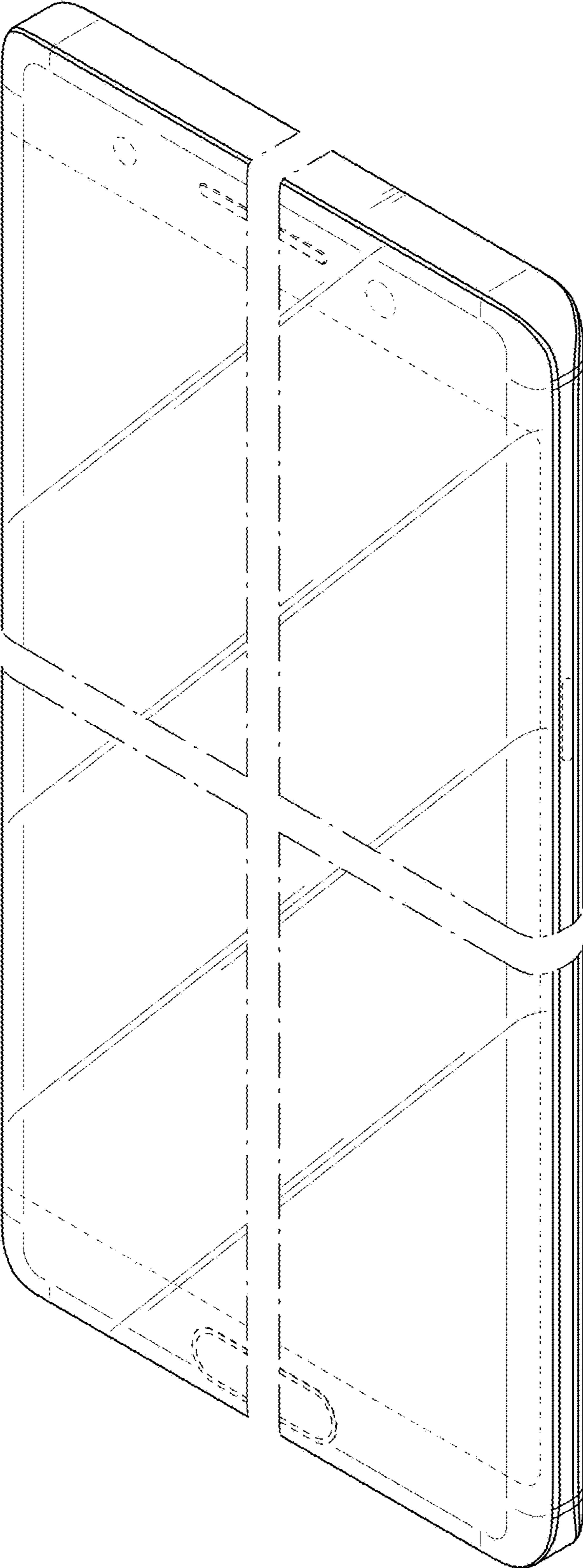


FIG. 10

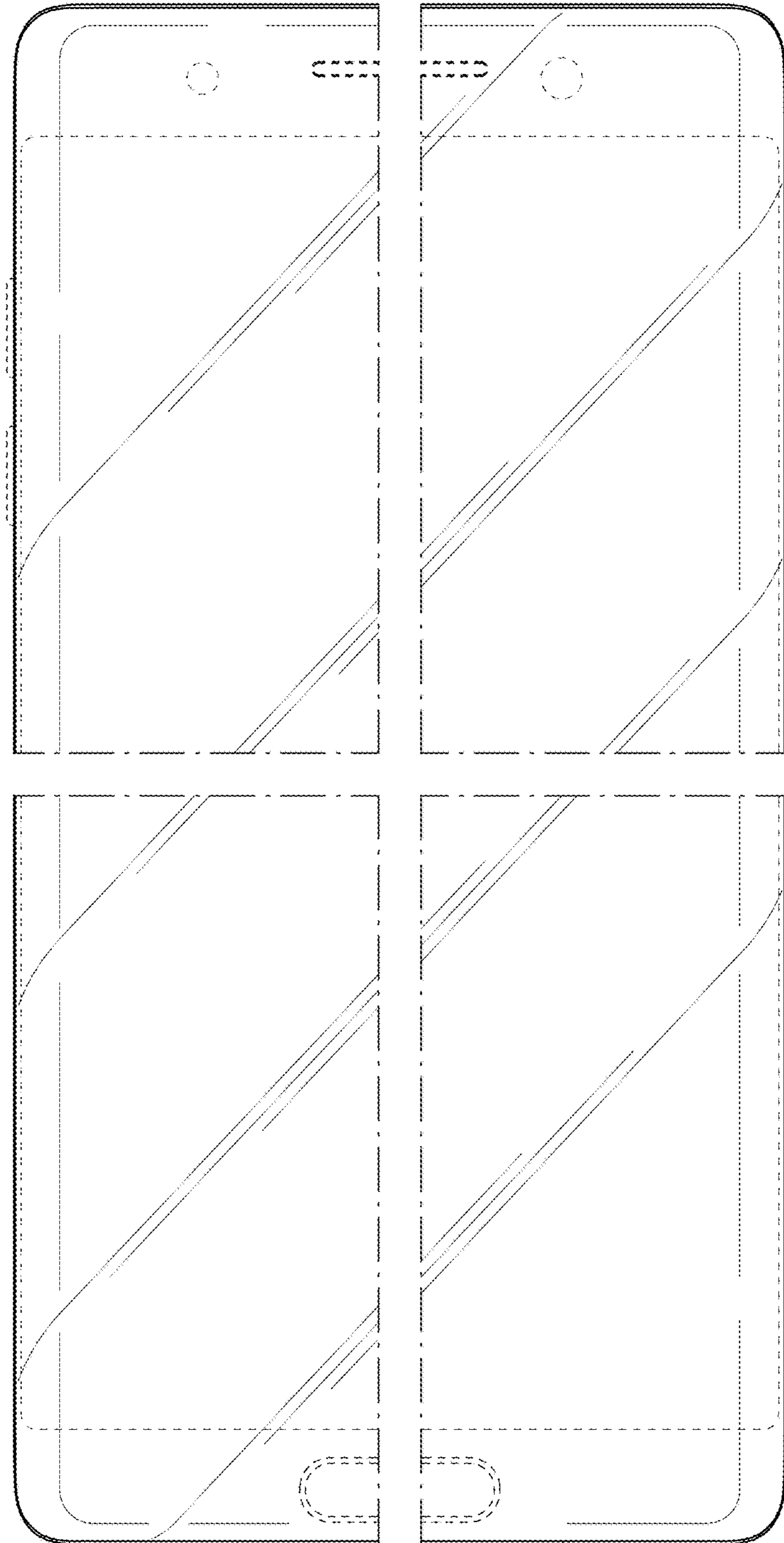


FIG. 11

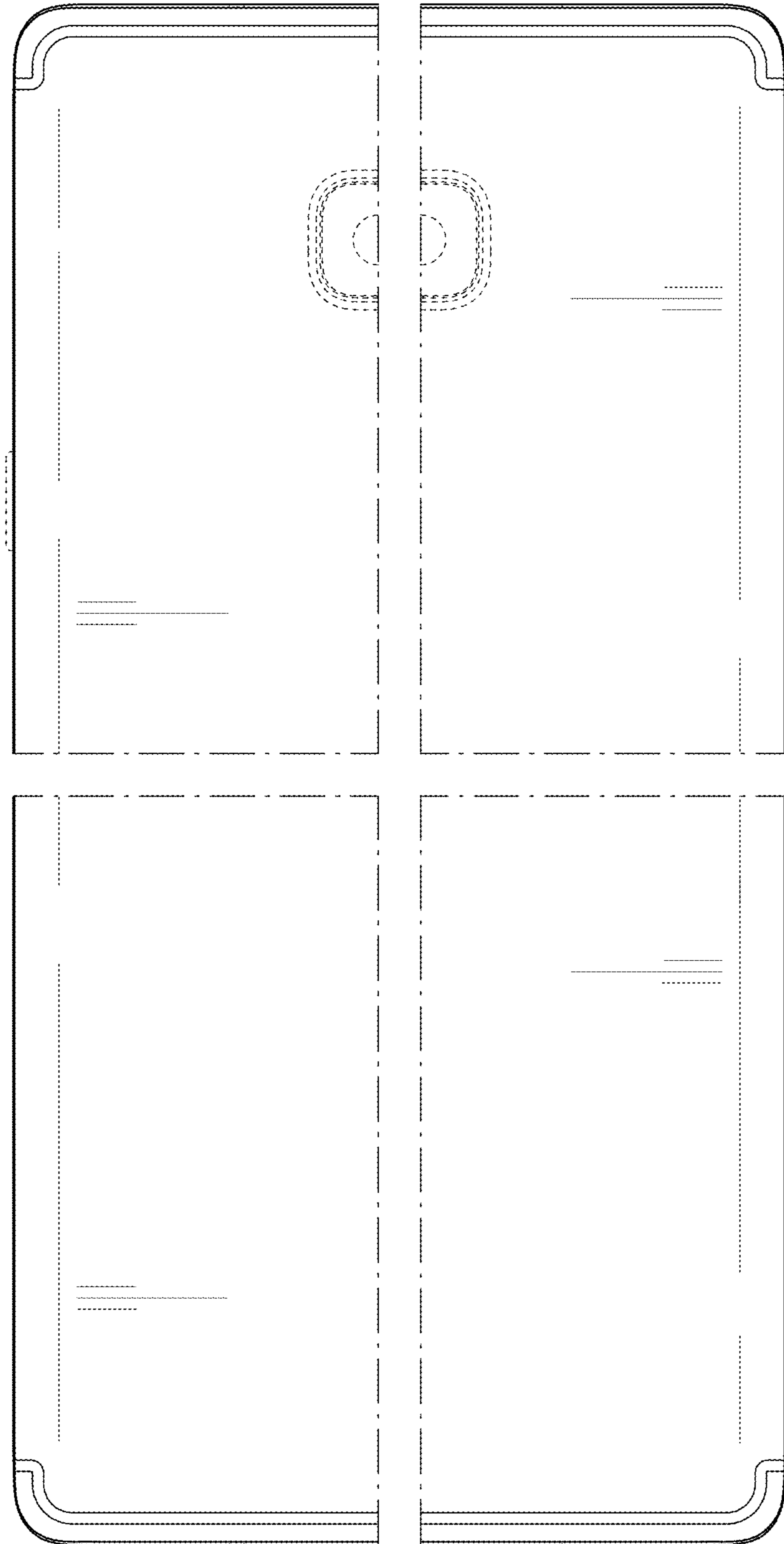


FIG. 12

FIG. 13

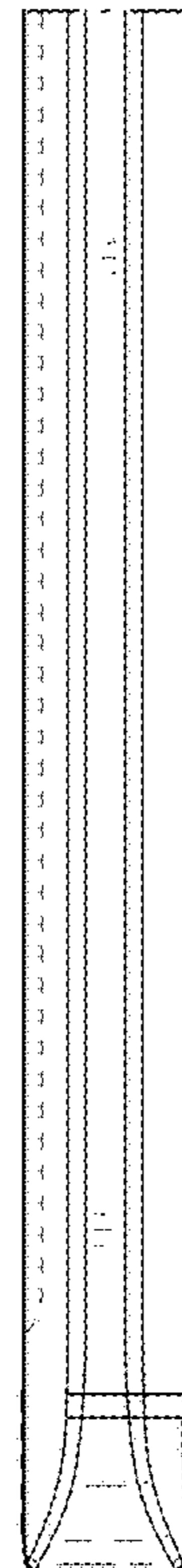
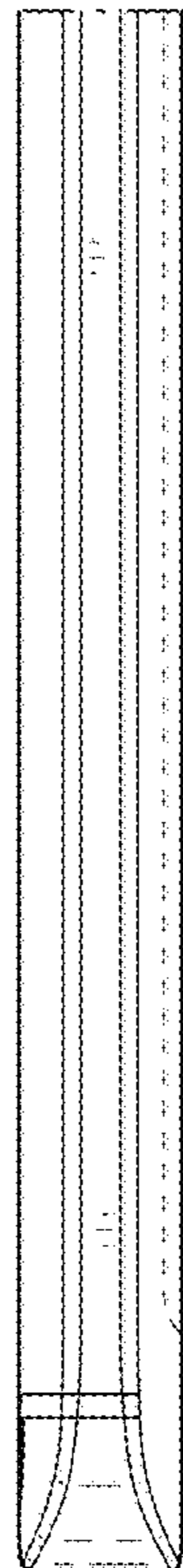
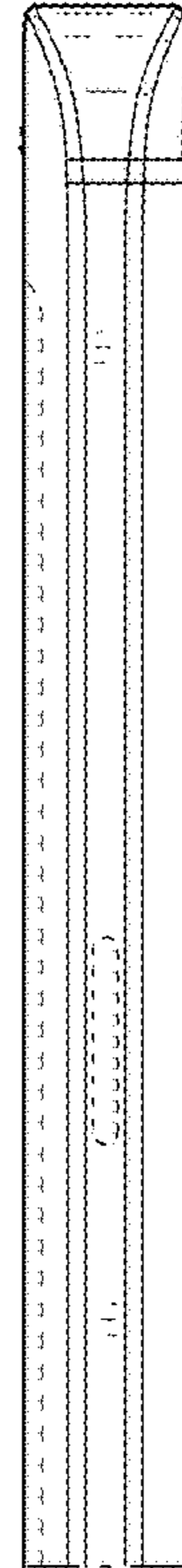
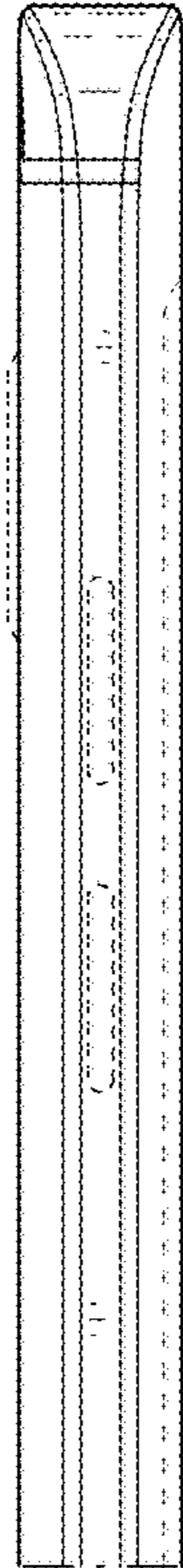


FIG. 14

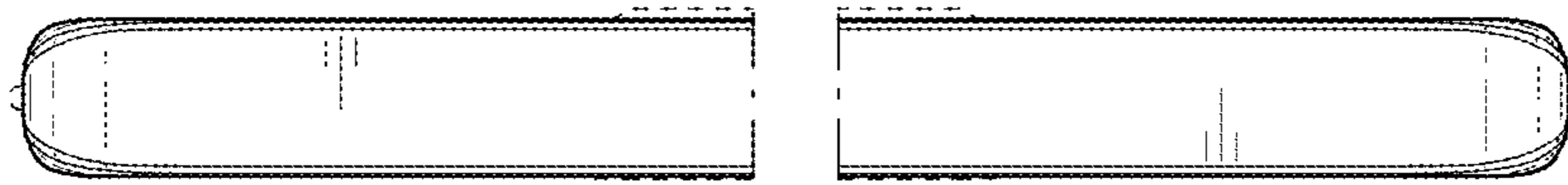


FIG. 15

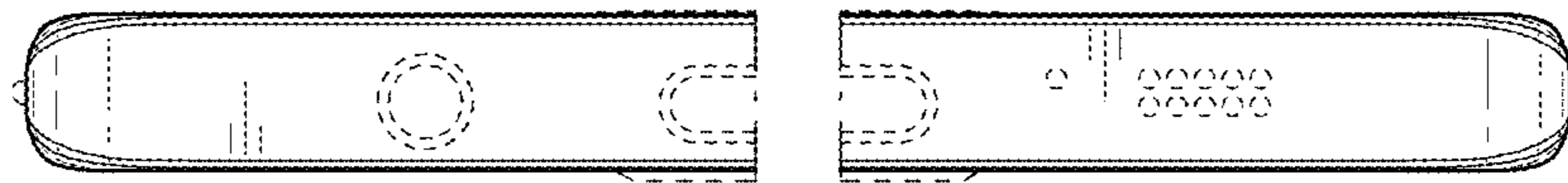


FIG. 16

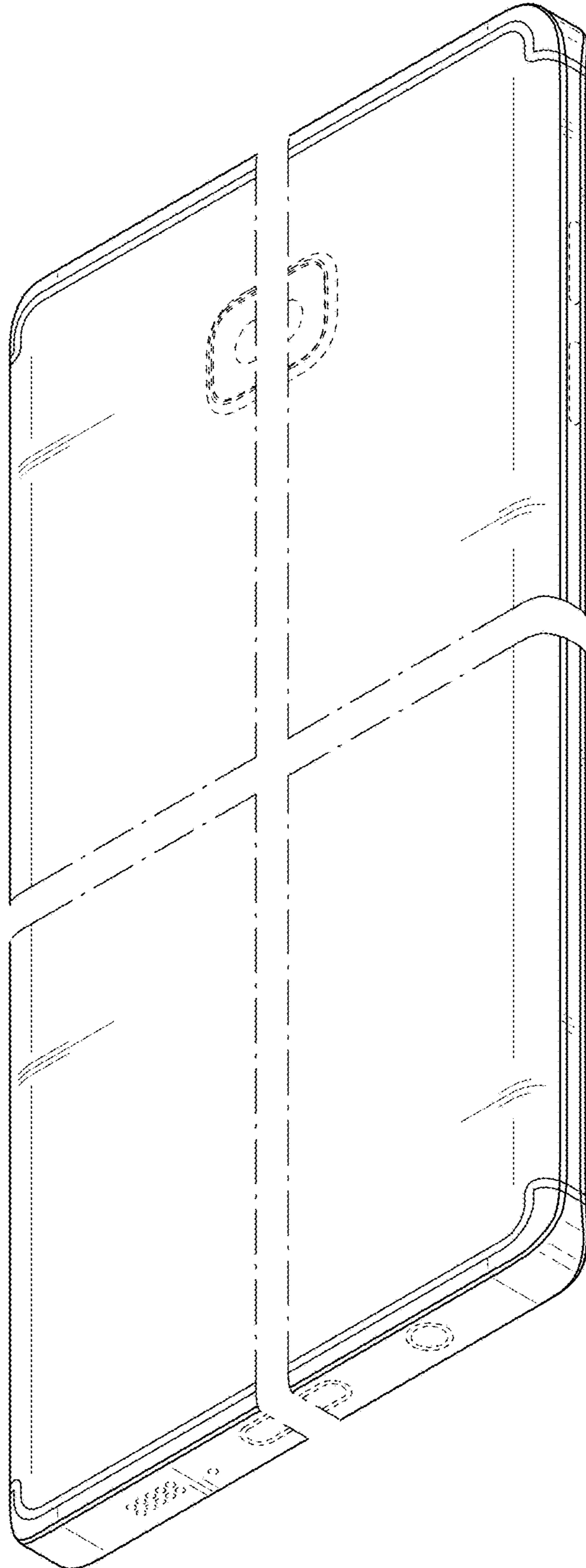


FIG. 17

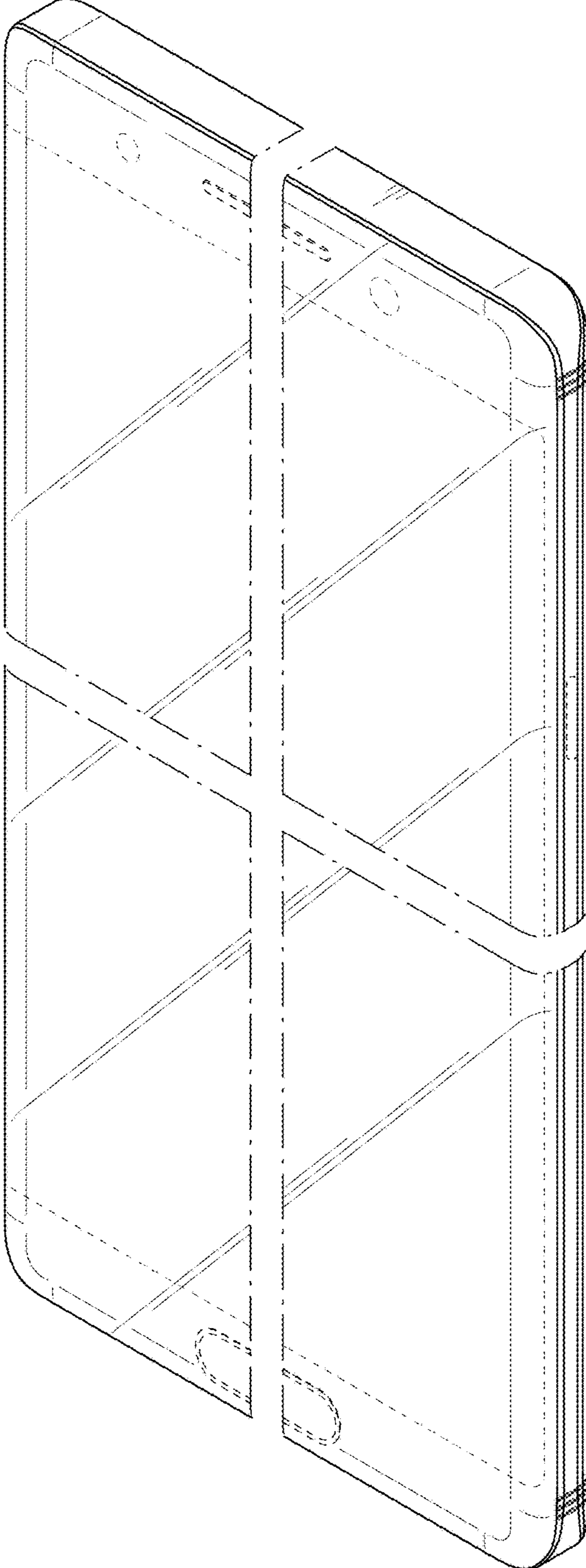


FIG. 18

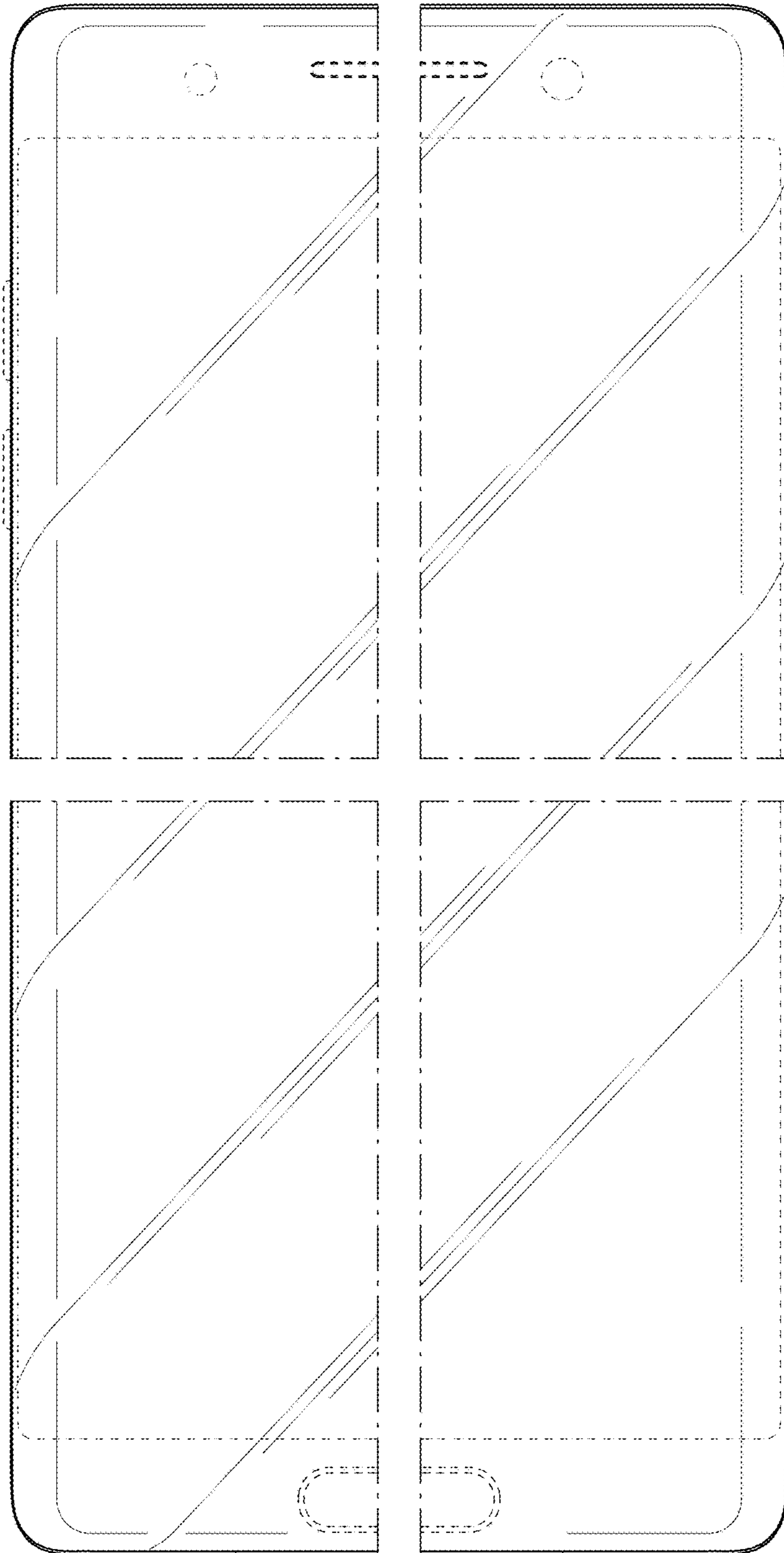




FIG. 19

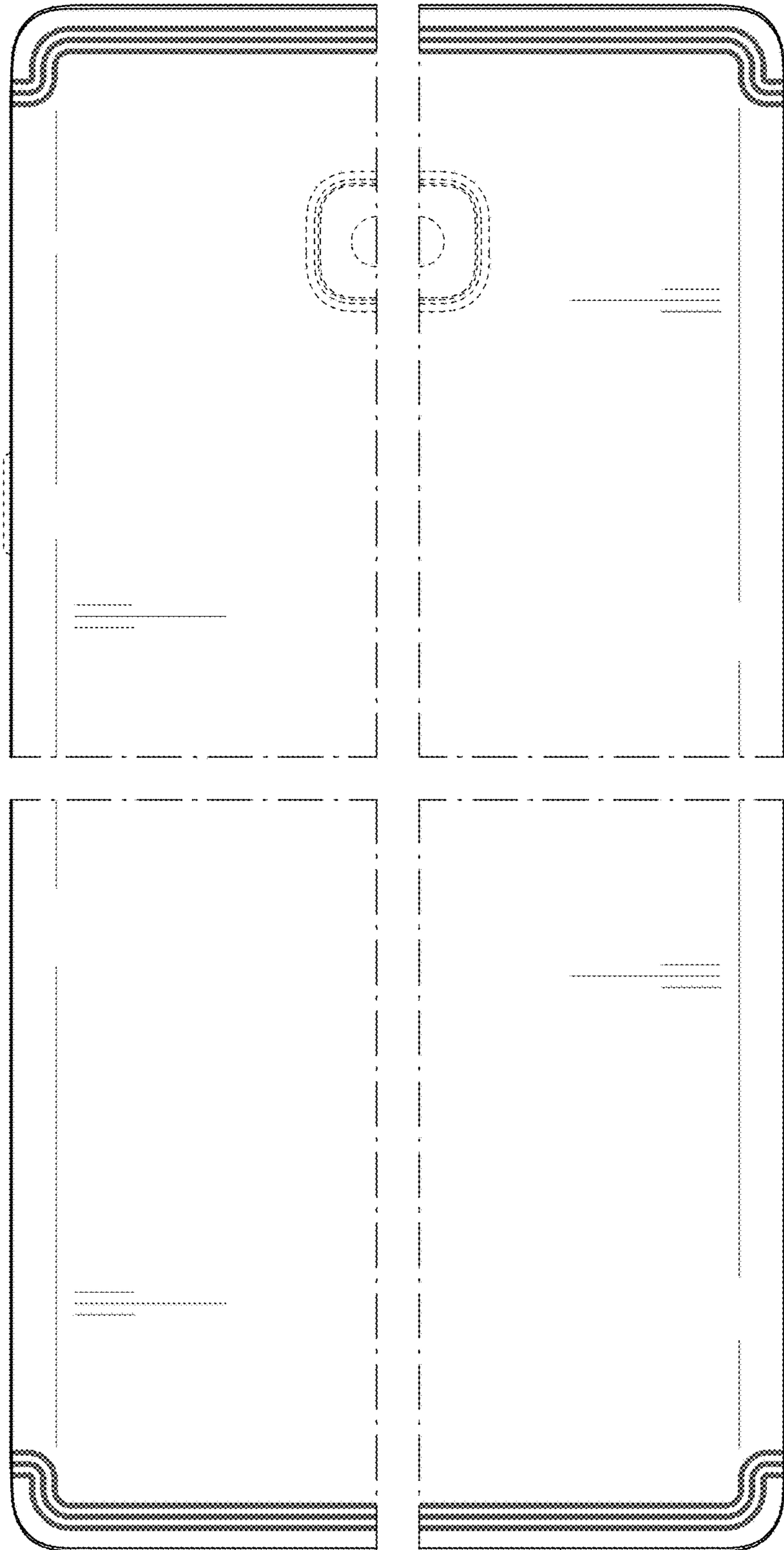


FIG. 20

FIG. 21

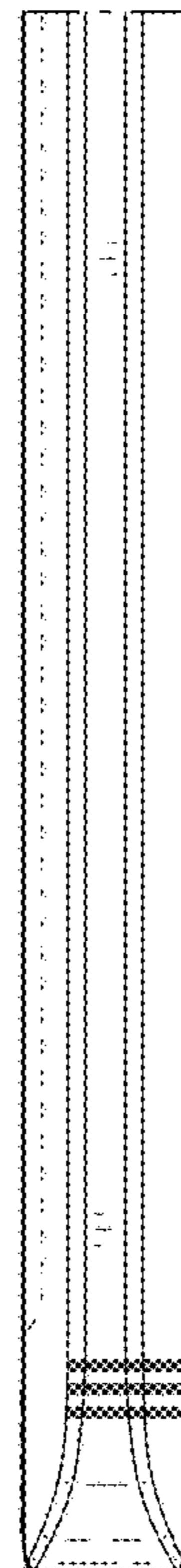
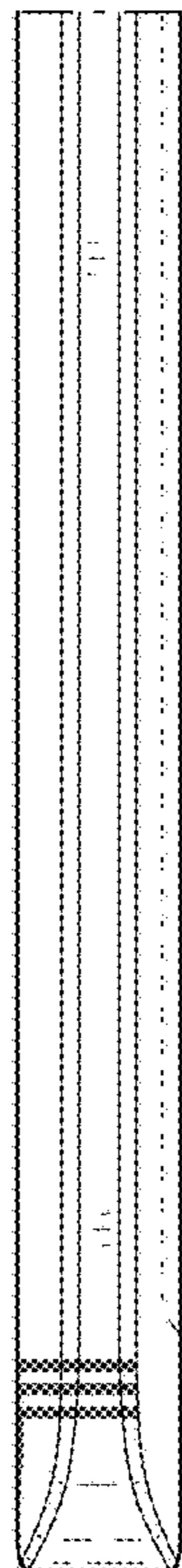
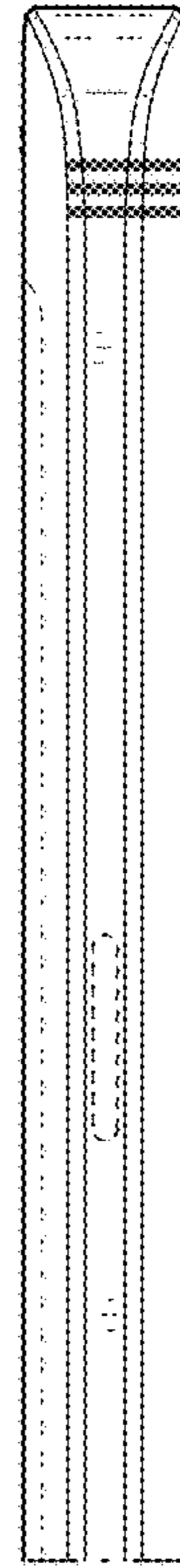
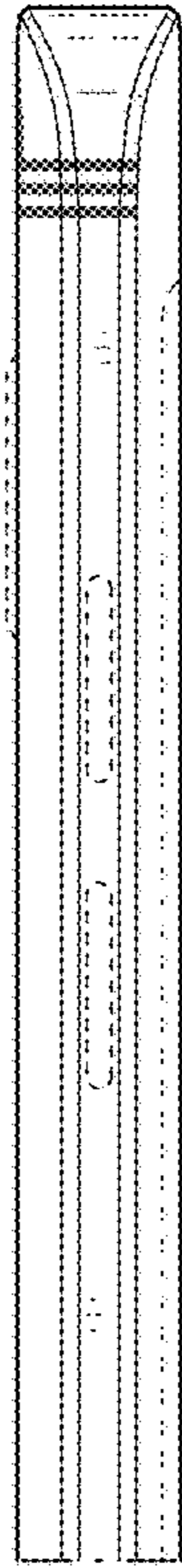


FIG. 22

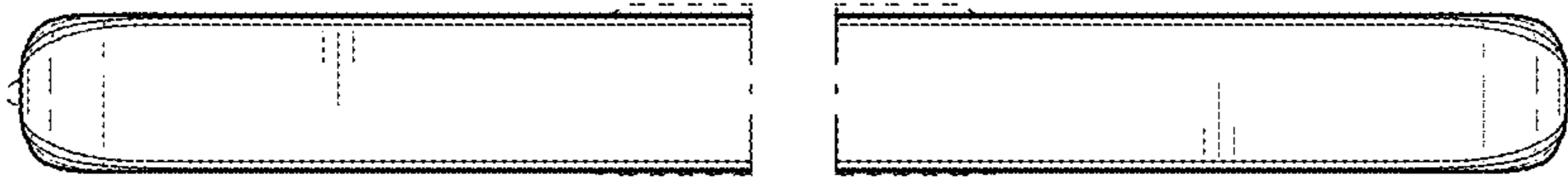


FIG. 23

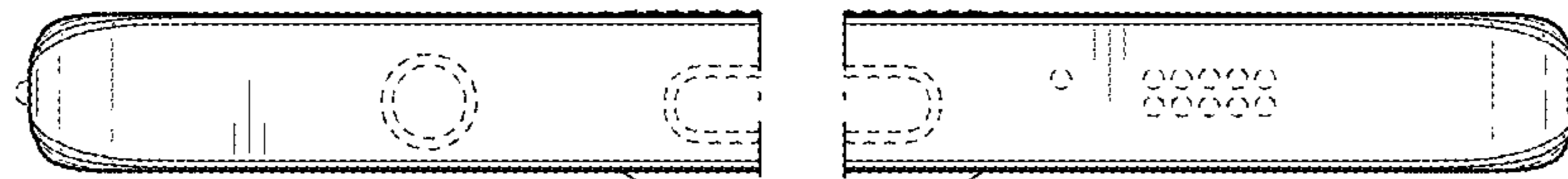


FIG. 24

