



US00D828318S

(12) **United States Design Patent** (10) **Patent No.:** **US D828,318 S**  
**Seo et al.** (45) **Date of Patent:** **\*\* \*Sep. 11, 2018**

(54) **MOBILE PHONE**

Retrieved from url:https://www.concept-phones.com/microsoft/fresh-surface-phone-concept-foldable-body-video/.\*

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(Continued)

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

(57) **CLAIM**

(\*) Notice: This patent is subject to a terminal disclaimer.

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

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

**DESCRIPTION**

(21) Appl. No.: **29/574,782**

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

(22) Filed: **Aug. 18, 2016**

FIG. 2 is a front view thereof;

(30) **Foreign Application Priority Data**

FIG. 3 is a rear view thereof;

Feb. 19, 2016 (KR) ..... 30-2016-0007805

FIG. 4 is a left side view thereof;

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

FIG. 5 is a right side view thereof;

(52) **U.S. Cl.**

FIG. 6 is a top plan view thereof;

USPC ..... **D14/138 AB**; D14/138 AD

FIG. 7 is a bottom plan view thereof;

(58) **Field of Classification Search**

USPC ..... D14/138 AA, 138 AB, 138 AC, 138 AD, D14/138 C, 138 G, 138 R, 248, 341, 342,

FIG. 8 is a perspective view thereof showing the state that when folding the subject design in half, the back cover part is pushed aside and then the transparent part on the front left side can be seen at the back side;

(Continued)

FIG. 9 is a perspective view thereof in which the subject design is folded in half;

(56) **References Cited**

FIG. 10 is a front view of FIG. 9;

**U.S. PATENT DOCUMENTS**

FIG. 11 is a rear view of FIG. 9;

D680,525 S \* 4/2013 Deto ..... D14/341

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

D681,000 S \* 4/2013 Koh ..... D14/203.4

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

(Continued)

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

**OTHER PUBLICATIONS**

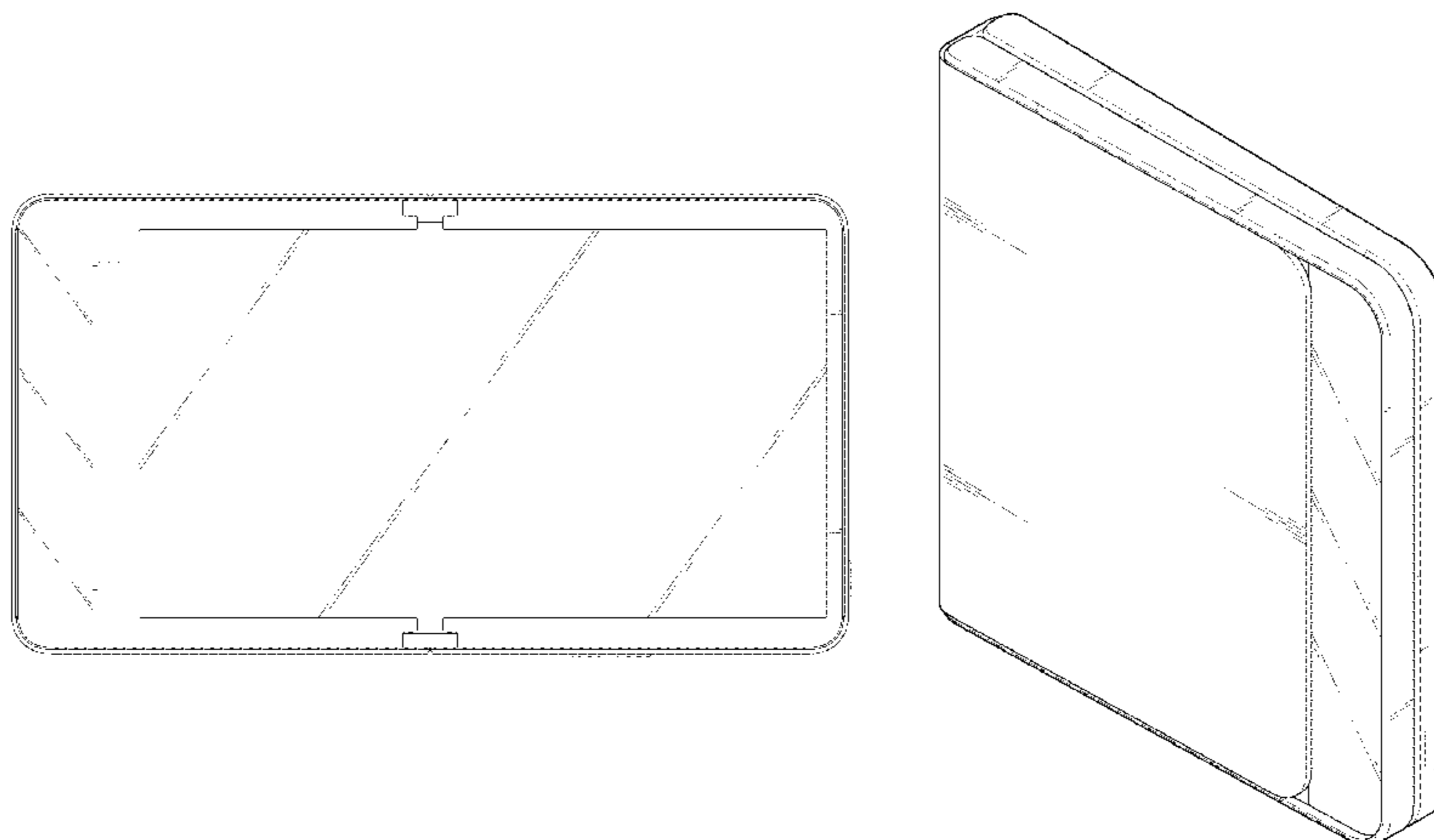
FIG. 15 is a bottom plan view of FIG. 9; and,

Fresh Surface Phone Concept Has Foldable Body, by Kelvin on Concept Phones, Oct. 5, 2017, [online], [site visited Nov. 1, 2017].

FIG. 16 is a front view of FIG. 9 showing an example of the usage of the subject design.

The broken lines depict portions of the mobile phone that form no part of the claimed design. The broken line in FIG. 16 show an example of the mobile phone in a state of operation and form no part of the claimed design.

(Continued)



The appearance of the interior in a partially closed position forms no part of the claimed design.

**1 Claim, 14 Drawing Sheets**

**(58) Field of Classification Search**

USPC ..... D14/345, 346, 203.1, 203.3, 203.7, 218, D14/329, 250, 315-318, 388, 389; D10/50; D18/6, 7  
CPC . G06F 1/1652; H04M 1/0214; H04M 1/0218; H04M 1/0268; H04M 1/027; H04M 1/0202; H04M 1/0279; H04M 1/0235; H04M 1/0237; H04M 1/0239; H04M 1/0266; H04M 1/0295

See application file for complete search history.

**(56) References Cited**

**U.S. PATENT DOCUMENTS**

9,213,428	B2 *	12/2015	Ma	.....	G06F 3/041
D749,573	S *	2/2016	Park	.....	D14/203.4
D749,574	S *	2/2016	Park	.....	D14/203.4
D749,575	S *	2/2016	Park	.....	D14/203.4
D754,657	S *	4/2016	Kim	.....	D14/345
D757,717	S *	5/2016	Park	.....	D14/341
D767,525	S *	9/2016	Byun	.....	D14/138 AB
D778,253	S *	2/2017	Kwak	.....	D14/138 AB
D782,436	S *	3/2017	Kwak	.....	D14/138 AB
D788,773	S *	6/2017	Seo	.....	D14/345
D788,774	S *	6/2017	Seo	.....	D14/345
9,690,385	B2 *	6/2017	Becze	.....	G06F 3/017
D800,112	S *	10/2017	Park	.....	D14/345
D804,443	S *	12/2017	Kang	.....	D14/138 AB
D807,854	S *	1/2018	Seo	.....	D14/138 AB
D807,855	S *	1/2018	Seo	.....	D14/138 AB
D807,856	S *	1/2018	Seo	.....	D14/138 AB
D815,055	S *	4/2018	Seo	.....	D14/138 AB
2011/0074655	A1 *	3/2011	Tan	.....	H04M 1/0214 345/1.1
2013/0307816	A1 *	11/2013	Lee	.....	G06F 1/1652 345/174
2013/0342090	A1 *	12/2013	Ahn	.....	G09F 9/33 312/258
2015/0160698	A1 *	6/2015	Tsukamoto	.....	G06F 1/1616 345/1.3

2015/0233162	A1 *	8/2015	Lee	.....	H04M 1/02 16/223
2015/0338888	A1 *	11/2015	Kim	.....	G06F 1/1677 345/156
2016/0011628	A1 *	1/2016	Sato	.....	G06F 1/1656 361/679.3
2016/0085271	A1 *	3/2016	Morrison	.....	G06F 1/1681 361/679.27
2016/0147263	A1 *	5/2016	Choi	.....	G06F 1/1652 361/679.3
2016/0155967	A1 *	6/2016	Lee	.....	G06F 3/0412 257/88
2016/0334836	A1 *	11/2016	Hong	.....	G06F 1/1616
2017/0123558	A1 *	5/2017	Hong	.....	G09G 3/001
2017/0185289	A1 *	6/2017	Kim	.....	G06F 1/1641
2017/0206863	A1 *	7/2017	An	.....	G06F 1/1652
2017/0278900	A1 *	9/2017	Yang	.....	H01L 27/3272

**OTHER PUBLICATIONS**

Lenovo Folio is a Foldable Tablet That Actually Works, by Kelvin on Concept Phones, Jul. 22, 2017, [online], [site visited Nov. 1, 2017]. Retrieved from url:<https://www.concept-phones.com/lenovo/lenovo-folio-foldable-tablet-works-video/>.\*

Microsoft Surface Note is Basically the Surface Phone Courier We Want, by Kelvin on Concept Phones, Jun. 18, 2017, [online], [site visited Nov. 1, 2017]. Retrieved from url:<https://www.concept-phones.com/microsoft/microsoft-surface-note-basically-surface-phone-courier/>.\*

Lunark is a Dual Folding Smartphone With a Special Hinge Included, by Kelvin on Concept Phones, Aug. 26, 2015, [online], [site visited Nov. 1, 2017]. Retrieved from url:<https://www.concept-phones.com/cool-concepts/lunark-dual-folding-smartphone-special-hinge-included/>.\*

Probably the Most Beautiful Samsung Galaxy S5 Render is Here, With Folding Display, by Thrystan on Concept Phones, Sep. 2, 2013, [online], [site visited Nov. 1, 2017]. Retrieved from url:<https://www.concept-phones.com/samsung/beautiful-samsung-galaxy-s5-render-folding-display/>.\*

Samsung Galaxy S5 Concept is a Folding Device; 3D Detailed Render Here, by Thrystan on Concept Phones, Apr. 29, 2013, [online], [site visited Nov. 1, 2017]. Retrieved from url:<https://www.concept-phones.com/samsung/samsung-galaxy-s5-concept-folding-device-3d-detailed-render/>.\*

Youm Flexible OLED Display Commercial: Samsung CES 2013, Jan. 9, 2013, [online], [site visited Nov. 18, 2017]. Retrieved from url:<https://www.youtube.com/watch?v=6OYTyl3ipgk>.\*

\* cited by examiner

FIG. 1

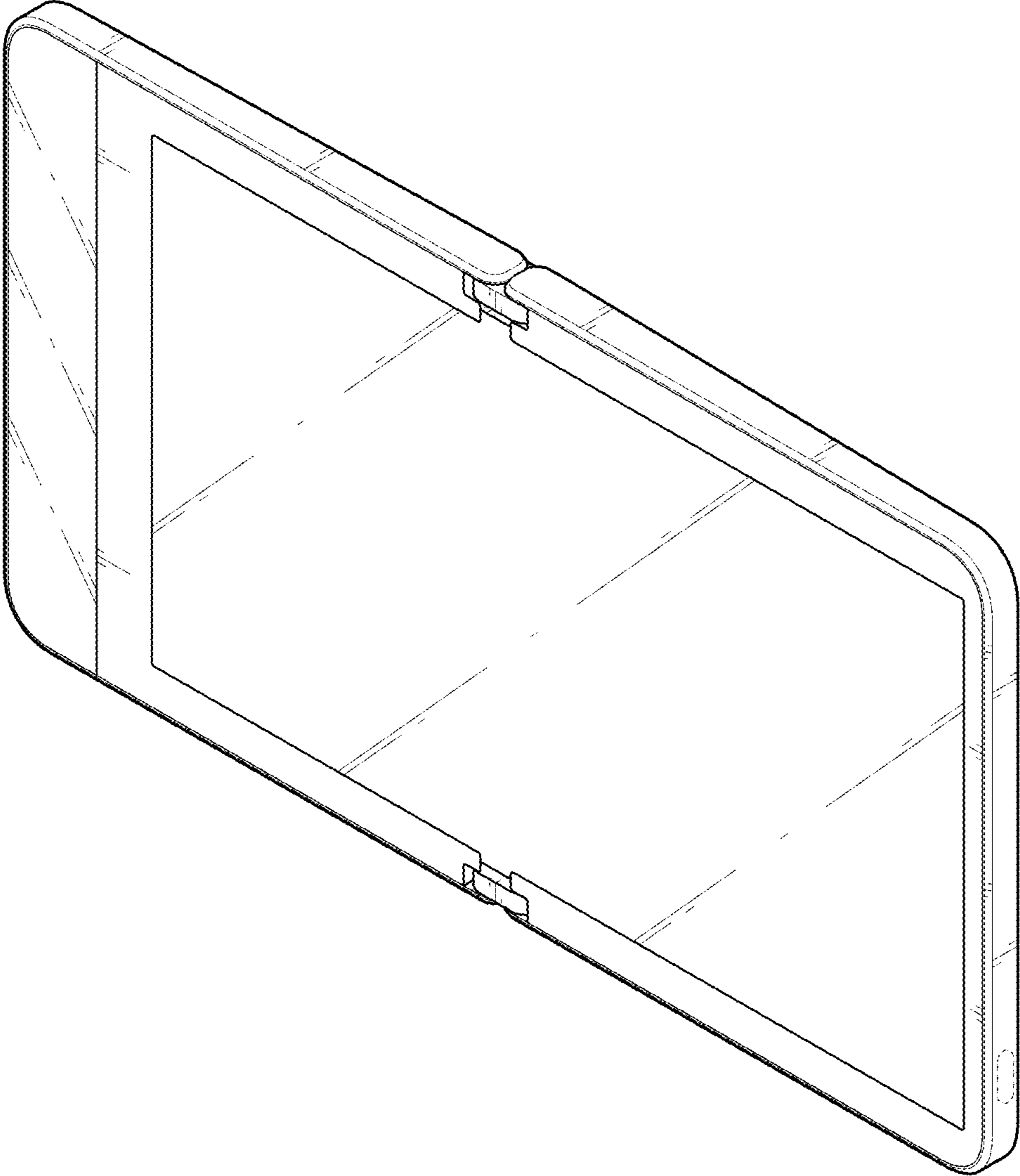




FIG. 2

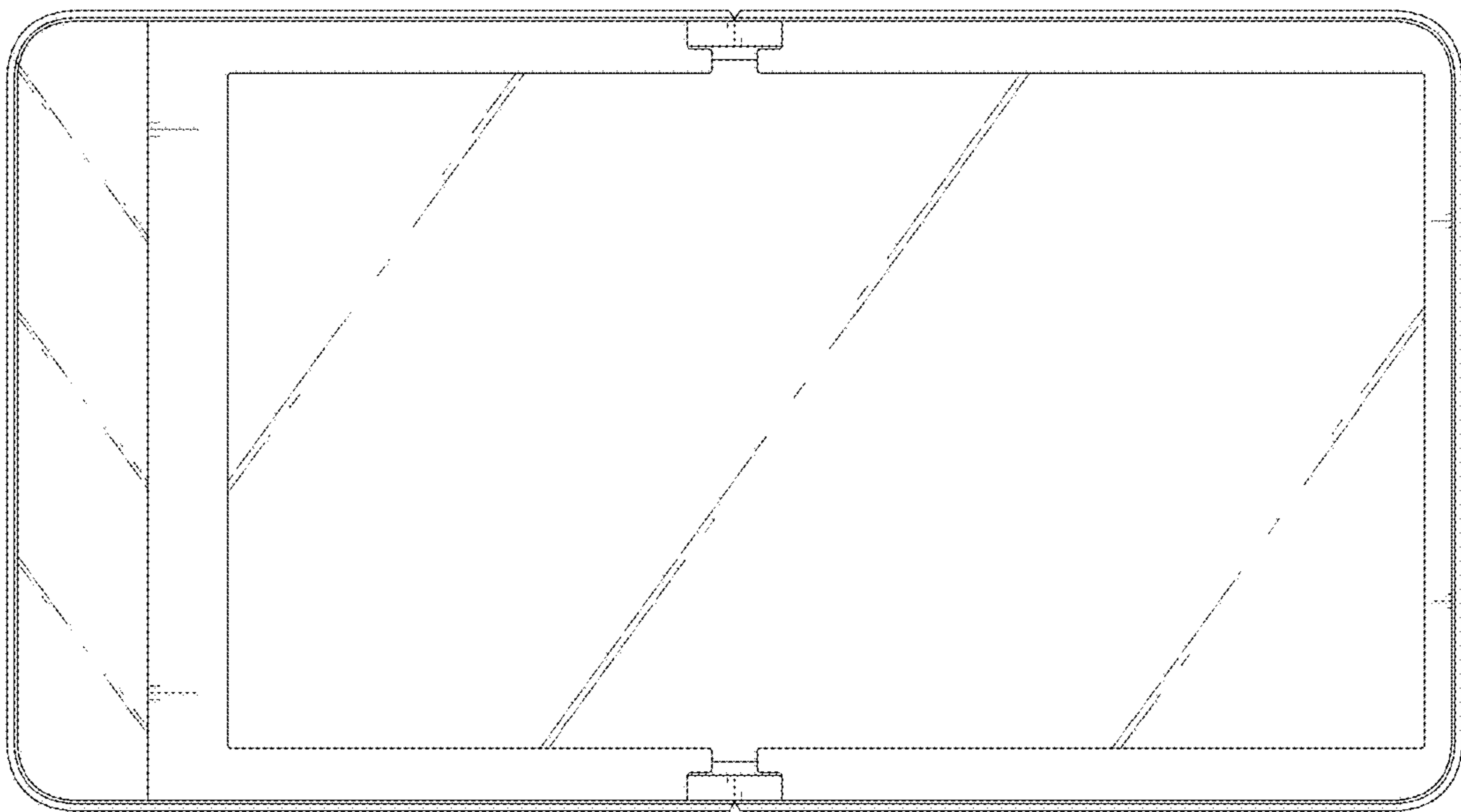


FIG. 3

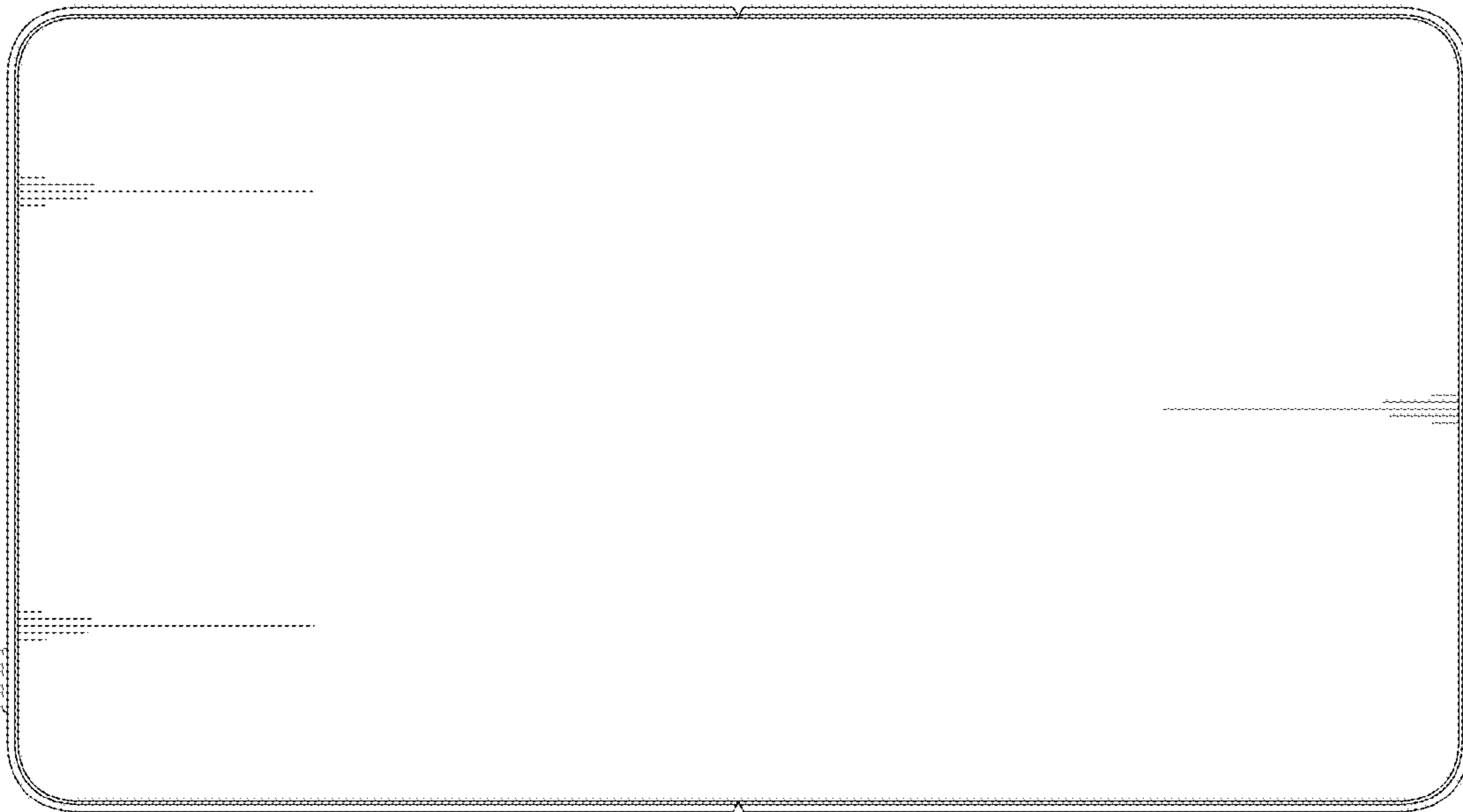


FIG. 4



FIG. 5

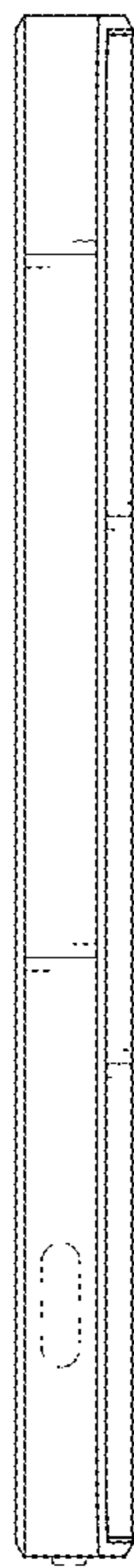


FIG. 6



FIG. 7





FIG. 8

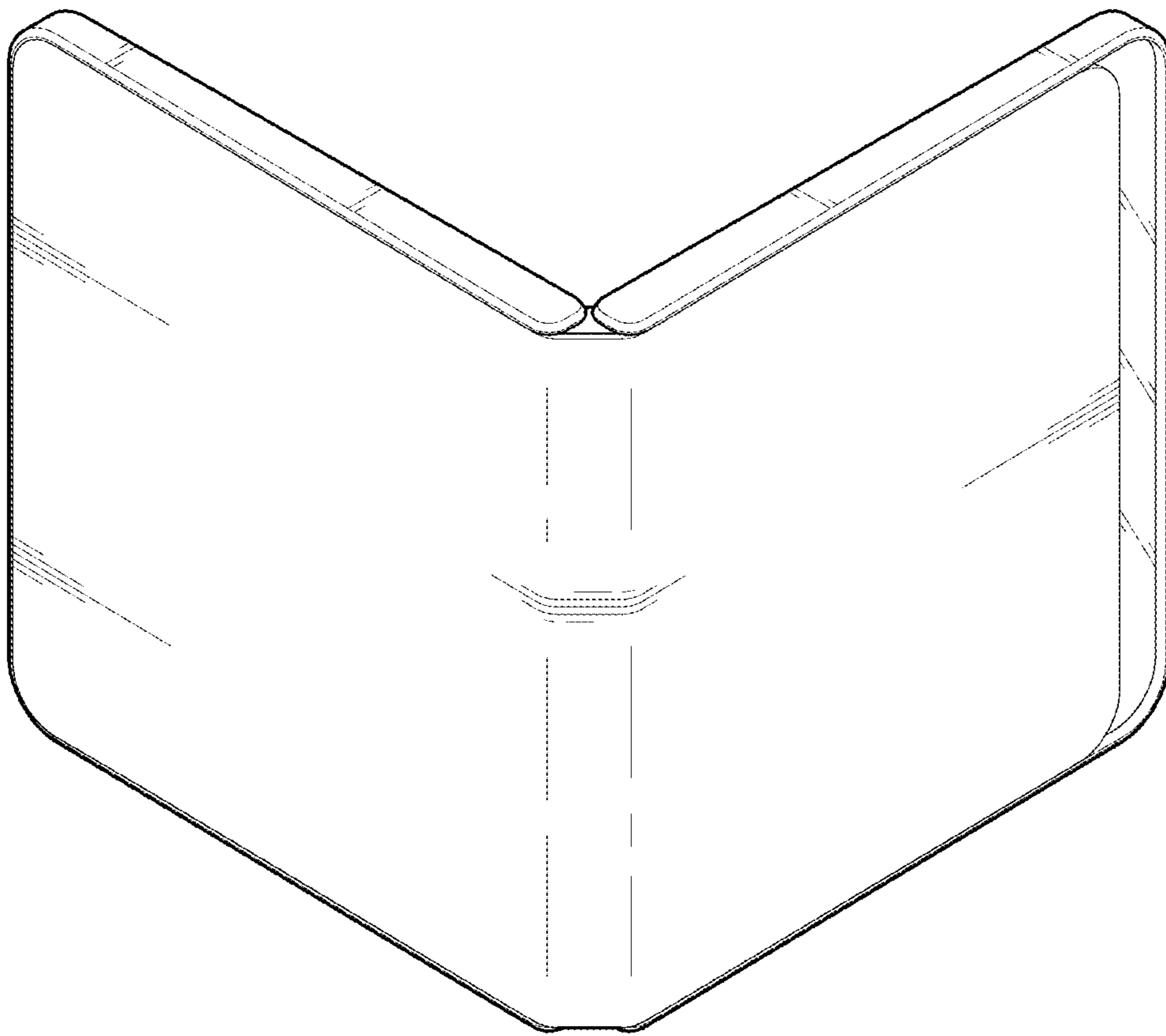


FIG. 9

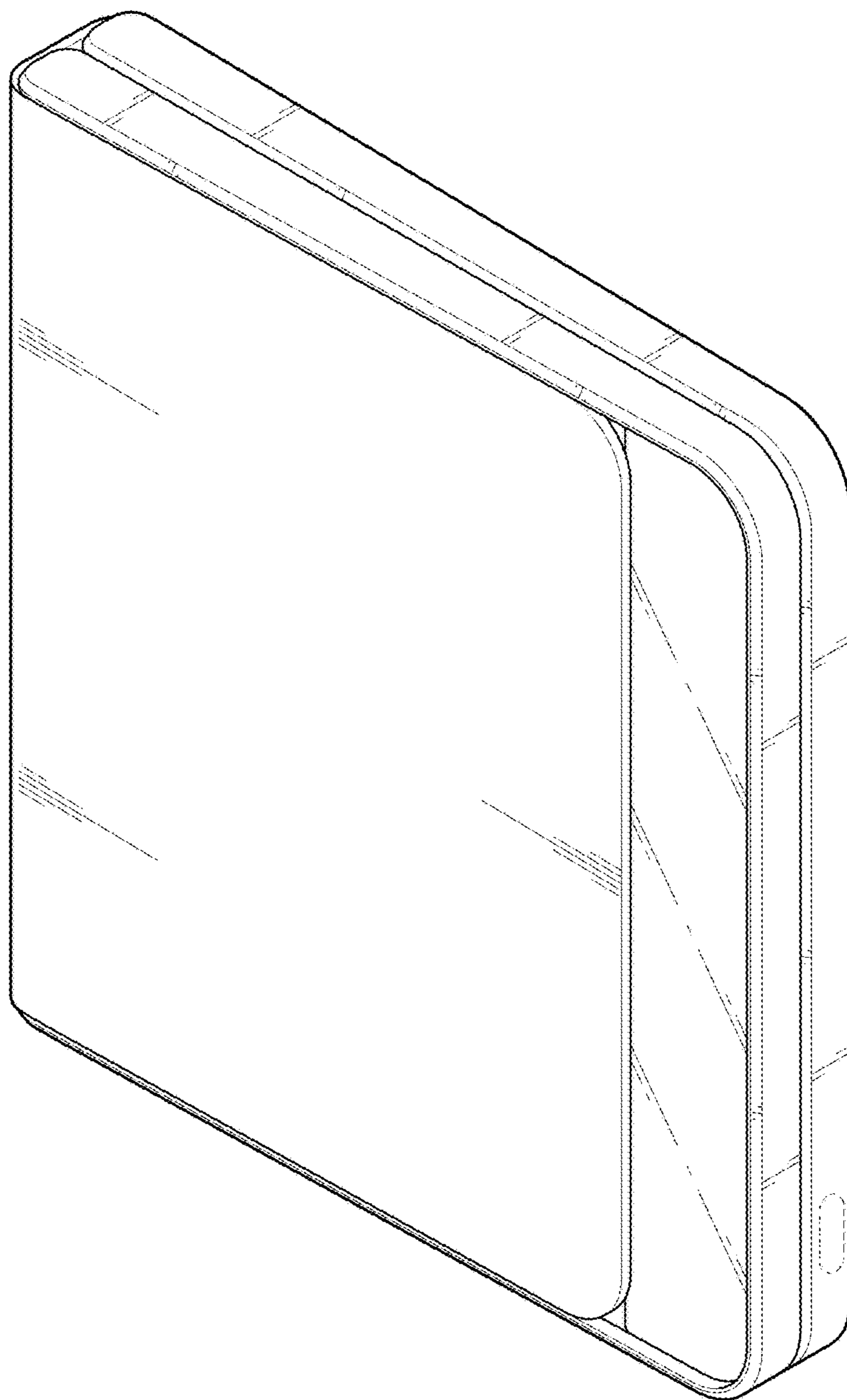


FIG. 10

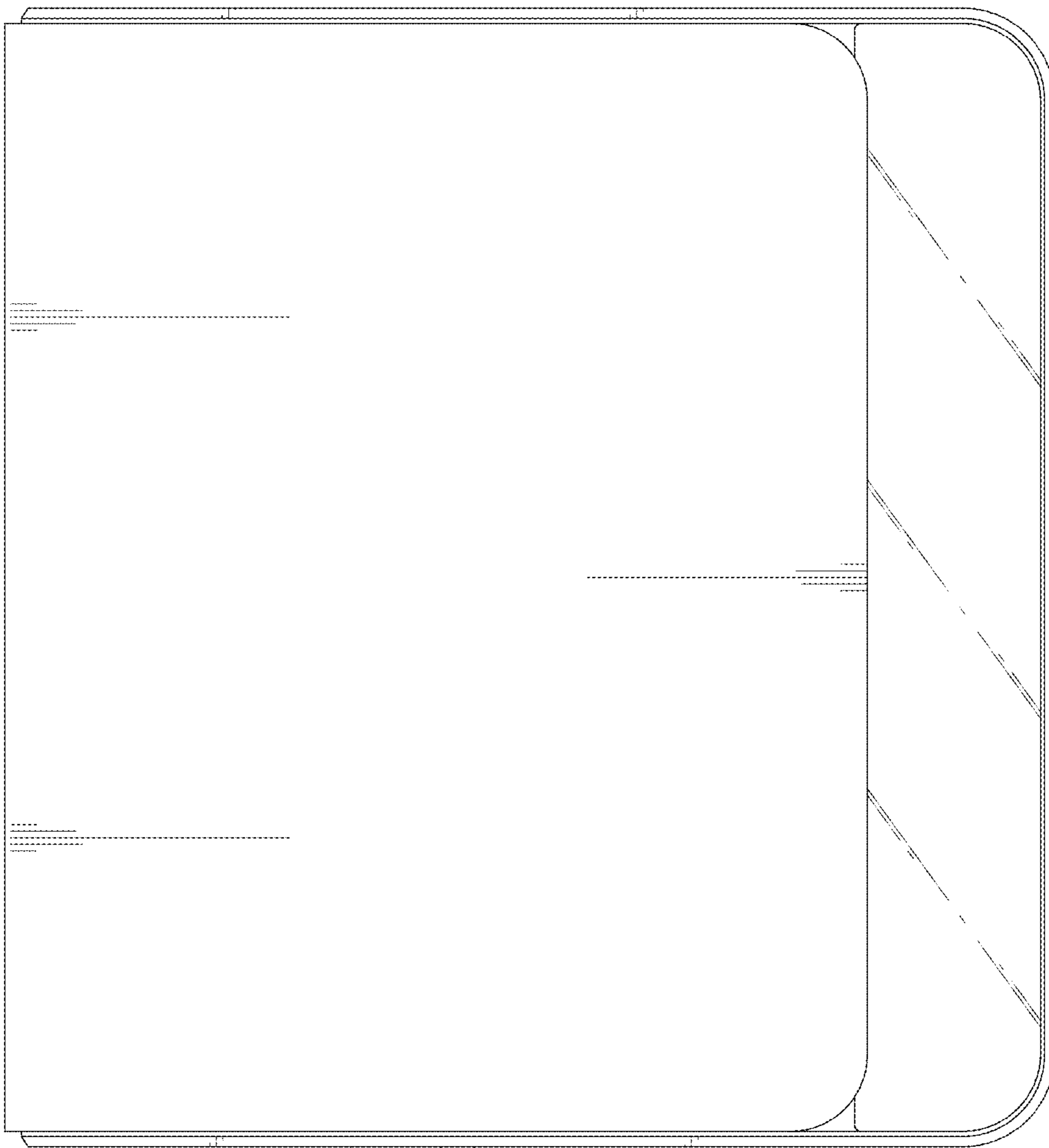


FIG. 11

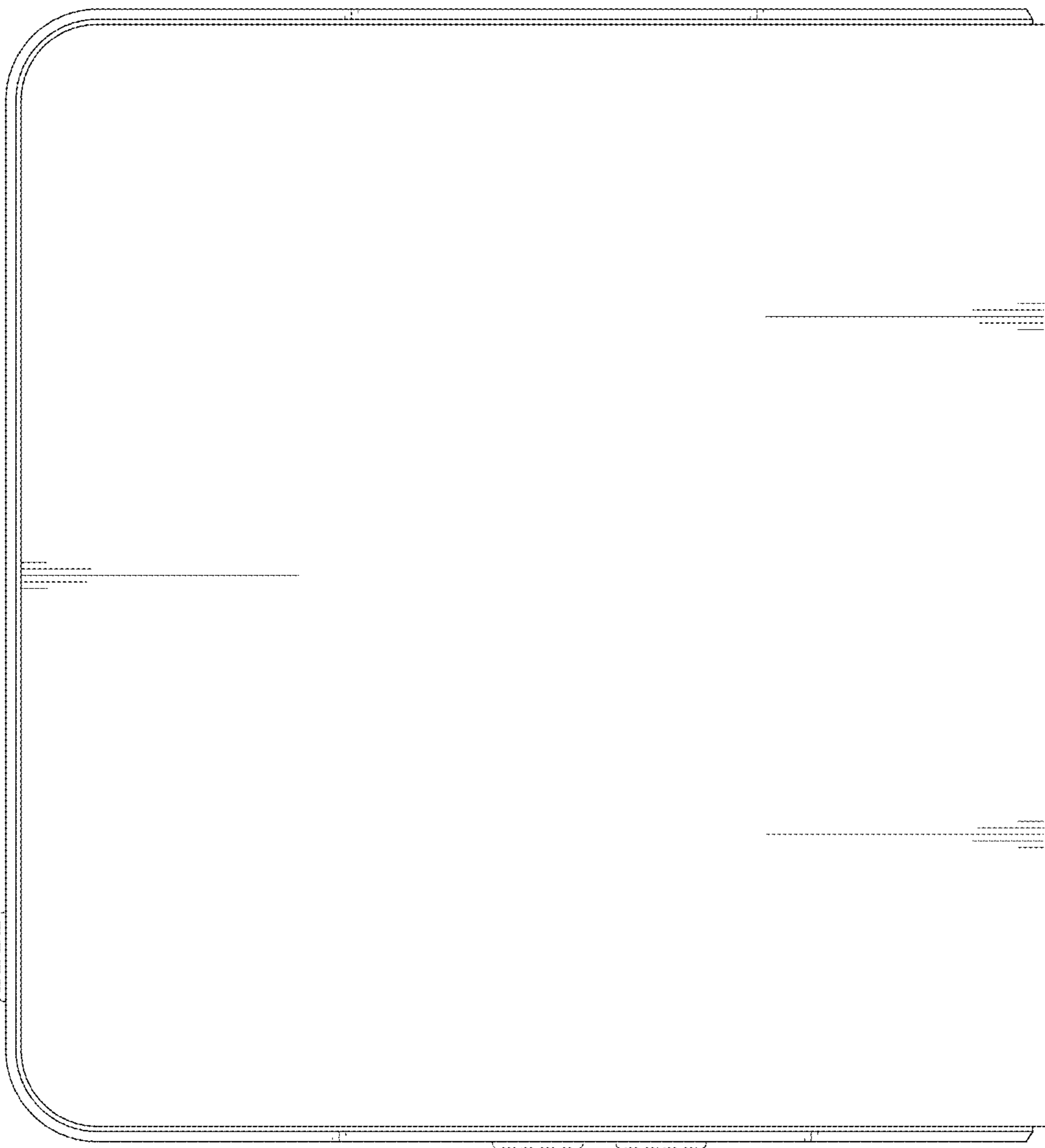


FIG. 12

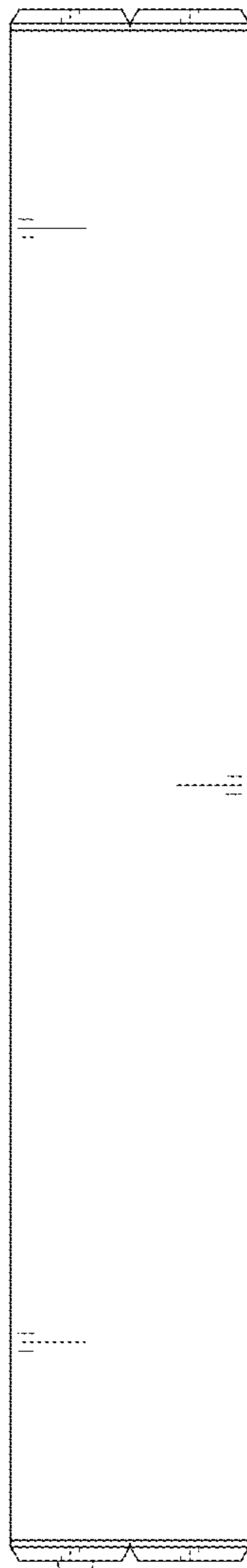


FIG. 13

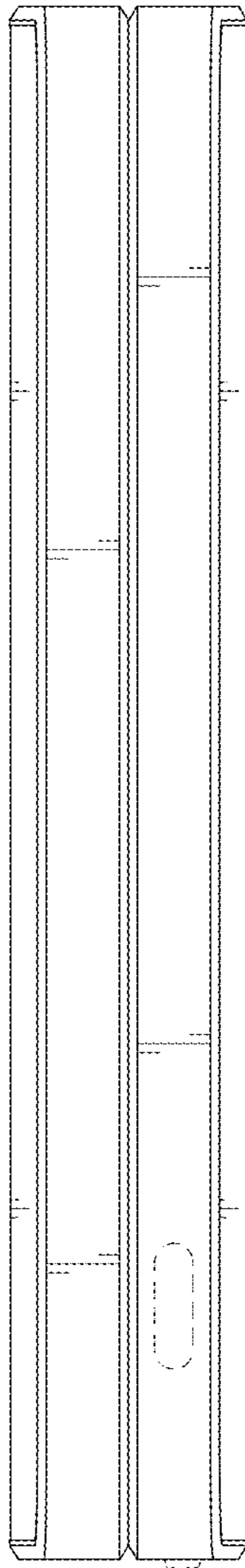




FIG. 14

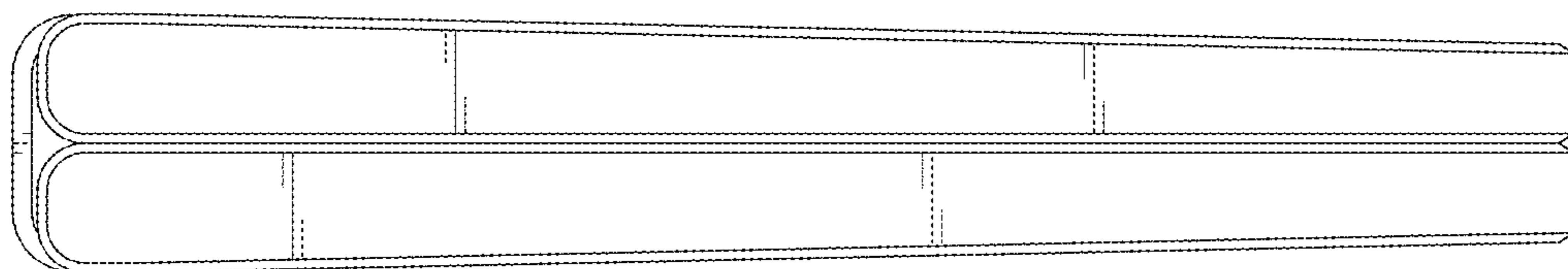


FIG. 15

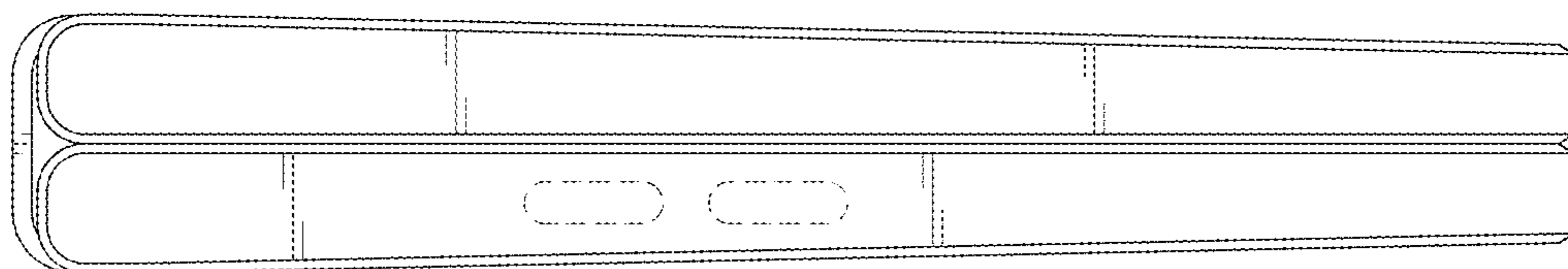


FIG. 16

