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

(10) **Patent No.: US D781,275 S**  
(45) **Date of Patent: \*\* Mar. 14, 2017**

(54) **PORTABLE ELECTRONIC DEVICE**

FOREIGN PATENT DOCUMENTS

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CN 3543532 S 7/2006  
CN 301090576 S 12/2009

(Continued)

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OTHER PUBLICATIONS

Huawei Ascend P1, announced Jan. 2012, [online], [retrieved on Aug. 21, 2012]. Retrieved from Internet ,<URL: <http://www.gsmarena.com>>.\*

(Continued)

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(\*\*) Term: **14 Years**

(74) *Attorney, Agent, or Firm* — NSIP Law

(21) Appl. No.: **29/504,726**

(57) **CLAIM**

We claim the ornamental design for a portable electronic device, as shown and described.

(22) Filed: **Oct. 8, 2014**

**DESCRIPTION**

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 29/504,002,  
filed on Oct. 1, 2014.

(51) **LOC (10) Cl.** ..... **14-03**

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

(58) **Field of Classification Search**  
USPC ..... D14/138 G, 138 AD, 248, 138 R,  
D14/138 AC, 247, 137, 341-347

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

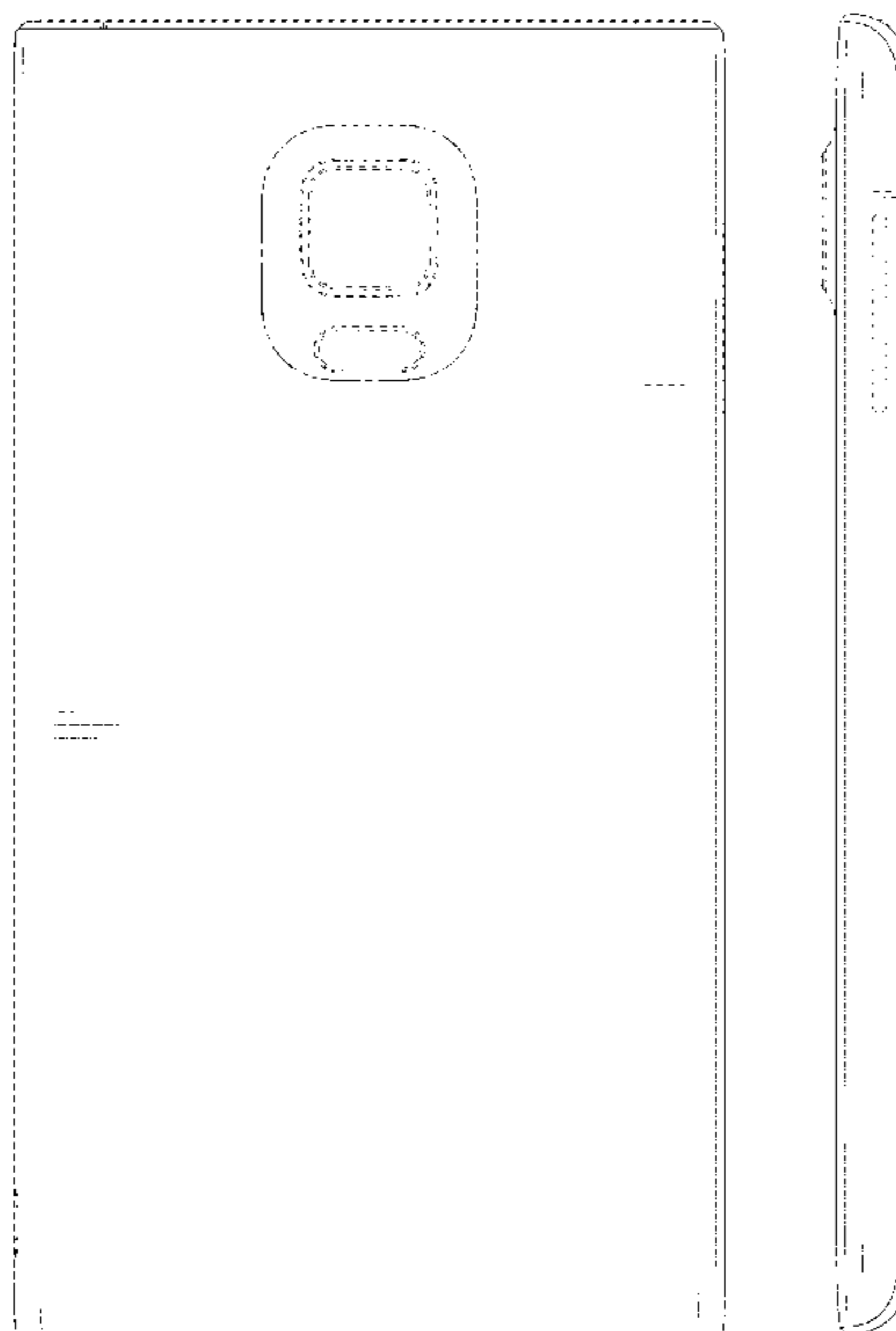
D303,111 S 8/1989 Paley  
D541,272 S \* 4/2007 Wang ..... D14/356

(Continued)

FIG. 1 is a front perspective view of a portable electronic device 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 view thereof;  
FIG. 7 is a bottom view thereof;  
FIG. 8 is a rear perspective view thereof; and,  
FIG. 9 is a second rear perspective view thereof.

The dot-dash broken lines and the evenly-spaced broken lines shown in the figures that are immediately adjacent to the shaded areas and define unshaded regions, represent the bounds of the claim and are not included in the claim while all other broken lines are directed to environment; the broken lines form no part of the claimed design. In FIGS. 1, 2, and 6-9, the unshaded surface that directly adjoins the claimed solid line edge forms no part of the claimed design.

**1 Claim, 9 Drawing Sheets**



- (58) **Field of Classification Search**  
 CPC ..... H04M 1/0202; H04M 1/0235; H04M  
 1/0237; H04M 1/0239; H04M 1/0266;  
 H04M 1/0268; H04M 1/027; H04M  
 1/0295  
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D593,552	S	*	6/2009	Ferrari	.....	D14/341
D608,322	S	*	1/2010	Kim	.....	D14/138 G
D615,946	S	*	5/2010	Mun	.....	D14/138 AD
D632,663	S	*	2/2011	Oh	.....	D14/138 G
D633,885	S	*	3/2011	Kim	.....	D14/138 G
D640,578	S	*	6/2011	Aihara	.....	D10/65
D647,920	S	*	11/2011	Luo	.....	D14/203.3
D656,497	S		3/2012	Chiu		
D657,358	S		4/2012	Ferrari et al.		
D678,270	S		3/2013	Song et al.		
D696,215	S	*	12/2013	Li	.....	D14/138 G
D706,738	S		6/2014	Kim et al.		
D714,273	S	*	9/2014	Kim	.....	D14/248
D741,281	S	*	10/2015	Joung	.....	D14/138 G
D746,787	S	*	1/2016	Kim	.....	D14/138 G
D749,535	S	*	2/2016	Joung	.....	D14/138 G

FOREIGN PATENT DOCUMENTS

CN	301328952	S	8/2010			
CN	301397797	S	12/2010			
CN	301552949	S	5/2011			
CN	301633578	S	8/2011			
CN	302190209	S	11/2012			
CN	302219811	S	12/2012			
CN	302254377	S	12/2012			
CN	302341226	S	3/2013			
CN	301720627	S	6/2013			
CN	302483721	S	6/2013			
CN	302680760	S	12/2013			
EP	000800750-0001		10/2007			
EP	001053060-0001		10/2009			
EP	001169692-0001		10/2009			
EP	000974449-0032		1/2011			
EP	001935800-0014		11/2011			
EP	002236091-0001		6/2013			
EP	002236091-0002		6/2013			
EP	002233437-0001		7/2013			
EP	002233437-0002		7/2013			
EP	002233437-0009		7/2013			
EP	002234666-0001		7/2013			
EP	002234666-0003		7/2013			
EP	002255430-0001		10/2013			
JP	D1170795	S	4/2003			
JP	D1247848	S	8/2005			
JP	D1260808	S	1/2006			
JP	D1322619	S	2/2008			
JP	D1381654	S	3/2010			
JP	D1382708	S	3/2010			
JP	D1336377	S	7/2011			
JP	D1448200	S	8/2012			
JP	D1455302	S	11/2012			
JP	D1456537	S	12/2012			
JP	D1469501	S	5/2013			
JP	D1471843	S	6/2013			
JP	D1472408	S	6/2013			
JP	D1472870	S	6/2013			
KR	30-2006-0008340		3/2007			
KR	30-2008-0050046		12/2009			
KR	30-2009-0007557		2/2010			
KR	30-2009-0001361		4/2010			
KR	30-2009-0025463		7/2010			
KR	30-2009-0026909		8/2010			
KR	30-2009-0027640		8/2010			
KR	30-2009-0049005		11/2010			
KR	30-2009-0035093		1/2011			
KR	30-2009-0057676		1/2011			

KR	30-2010-0000080		1/2011			
KR	30-2009-0057692		3/2011			
KR	30-2010-0006998		6/2011			
KR	30-2010-0005624		10/2011			
KR	30-2010-0012577		11/2011			
KR	30-2010-0039332		12/2011			
KR	30-2011-0031636		8/2012			
KR	30-2012-0026103		2/2013			
KR	30-2012-0009747		5/2013			
KR	30-2012-0025064		6/2013			
KR	30-2012-0055682		6/2013			
KR	30-2012-0000907		7/2013			
KR	30-2012-0000909		7/2013			
KR	30-2012-0000933		7/2013			
KR	30-2012-0000937		7/2013			
KR	30-2012-0000951		7/2013			
KR	30-2013-0008155		7/2013			
KR	30-2013-0008369		7/2013			
KR	30-2013-0008371		7/2013			
KR	30-2013-0008375		7/2013			
KR	30-2012-0051931		10/2013			
KR	30-2012-0051936		10/2013			
KR	30-2012-0053714		11/2013			
KR	30-2012-0053718		11/2013			
KR	30-2012-0053719		11/2013			
KR	30-2013-0005876		11/2013			
KR	30-2012-0052895		12/2013			
KR	30-2012-0054649		12/2013			
KR	30-2012-0053715		1/2014			
KR	30-2012-0053722		1/2014			
KR	30-2013-0000105		1/2014			
KR	30-2013-0007758		1/2014			
KR	30-2013-0035224		1/2014			
KR	30-2013-0018699		3/2014			
KR	30-2012-0053723		4/2014			
KR	30-2013-0000106		4/2014			
KR	30-2013-0000107		4/2014			
KR	30-2013-0000108		4/2014			
KR	30-2013-0037240		4/2014			
KR	30-2013-0035223		6/2014			
KR	30-2011-0035681		8/2014			

OTHER PUBLICATIONS

i-mobile TV650 Touch, announced Jul. 2009, [online], [retrieved on Sep. 9, 2016]. Retrieved from Internet ,<URL: <http://www.gsmarena.com>>.\*

Bangera, Abhijit. “Wrap-Around BlackBerry Smartphone—A concept Phone”. [2012] [www.geektech.in](http://www.geektech.in). Feb. 9, 2012. <<http://www.geektech.in/wrap-around-blackberry-smartphone-a-concept-phone/>>.

Seth, Radhika. “Sony Pocket Tablet Concept by Patrik Eriksson”. [2012] [www.yankodesign.com](http://www.yankodesign.com). Aug. 16, 2012. <<http://www.yankodesign.com/2012/08/16/entering-the-genre-of-pocket-tablets/>>.

“Flexible Display Concept”. [2013] [www.gallery.cetizen.com](http://www.gallery.cetizen.com). Feb. 3, 2013. <<http://gallery.cetizen.com/bbs/php?id=gallery&category=0401&q=view&uid=175276>>.

Smoyu. “iPhone 6 Concept”. [2013] [www.cdida.org](http://www.cdida.org) Aug. 8, 2013. <<http://www.cdida.org/technology/20138/20138853.html>>.

Grover, Tushar. “Blackberry Wraparound Display Phone”. [2012] [www.optimisedtech.com](http://www.optimisedtech.com) Apr. 6, 2012. <<http://www.optimisedtech.com/2012/04/blackberry-phone-with-wraparound.html>>.

“Flexible Display iPhone Mockup”. [2013] [blog.daum.net](http://blog.daum.net) May 20, 2013 <<http://blog.daum.net/mobileinnovation/228>>.

Ho, King Kyung. “Pandora Portable Pouch-Type Flexible Display Note Concept”. [2013] [www.chucksidea.com](http://www.chucksidea.com) Apr. 28, 2013 <<http://chucksidea.com/?p=2377>>.

P., Daniel. “Samsung Flexible Display Patents Include Pull-Out and Rollable Concepts”. [2012] [www.phonearena.com](http://www.phonearena.com) Mar. 7, 2012 <[http://www.phonearena.com/news/Samsung-flexible-display-patents-include-pull-out-and-rollable-concept-units\\_id27765](http://www.phonearena.com/news/Samsung-flexible-display-patents-include-pull-out-and-rollable-concept-units_id27765)>.

(56)

**References Cited**

## OTHER PUBLICATIONS

Samsung Jan. 11, 2013 dated Jan. 11, 2013, accessed Sep. 22, 2014.

Thrystan, "Samsung Galaxy Young Flexible Display Phone Gets Rendered, Specced" dated May 23, 2013, accessed Sep. 19, 2014.

"Samsung Flexible Prototype". [2013] www.avenuel.tistory.com Jan. 10, 2013. <<http://avenuel.tistory.com/1668>>.

Thrystan. "Wrap Around Screen Makes a Concept Hip". [2008] www.concept-phones.com Jul. 8, 2008 <<http://www.concept-phones.com/cool-concepts/wrap-around-screen-makes-a-concept-hip/>>.

Hashslush Team "LIMBO Smartphone Transforms into a Smartwatch". [2013] www.hashslush.com Jul. 16, 2013 <<http://www.hashslush.com/limbo-smartphone-transforms-into-a-smartwatch/>>.

Buaniam, Than. "Galaxy Note 4 YOUM Display". [2014] www.oopsmobile.net. Apr. 17, 2014 <<http://www.oopsmobile.net/amazon-smartphone/>>.

Rijal, Samsur. "iPhone 6 Concept Design". [2013] www.intellectit.blogspot.kr. Apr. 20, 2013, <<http://intellectit.blogspot.kr/2013/04/iphone-6-concept-design.html>>.

"Nokia Lumia 999". [2013]www.ittrend.am. Jan. 17, 2013 <<http://ittrend.am/ru/2013/01/17/nokia-lumia-999-%D0%BA%D0%BE%D0%BD%D1%86%D0%B5%D0%BF%D1%82-%D1%87%D0%B5%D1%80%E2%80%A6>>.

Briden, Paul, "Samsung Flexible OLED Display Prototype Phones Showcased" dated Jan. 10, 2013, accessed Sep. 19, 2014.

Prasad. "Samsung Showcases Flexible OLED Displays". [2013] www.blog.gsmarena.com Jan. 10, 2013 <<http://blog.gsmarena.com/samsung-showcases-flexible-oled-displays/>>.

Kellex, "Samsung Shows Off 'Youm' Flexible Display on Prototype Phone at CES" dated Jan. 9, 2013, accessed Sep. 19, 2014.

Richardson, Valerie, "Samsung's Flexible Display Smartphone Launching This Week as the Galaxy Round" dated Oct. 7, 2013, accessed Sep. 19, 2014.

"Vans Concept". [2012] www.vansfans.cn. Jan. 27, 2012 <<http://www.vansfans.cn/weiboshidaishouji/>>.

Warwick, Stephen. "iPhone 6 Concept Surfaces Based on Wrap-around Display Patent". [2013] www.todaysiphone.com. Apr. 19, 2013. <<http://www.todaysiphone.com/2013/04/iphone-6-concept-surfaces-based-on-wraparound-display-patent/>>.

Wordlesstech team. "LG Triptych Concept Tablet-Phone". [2011] www.wordlesstech.com. Feb. 12, 2011 <<http://wordlesstech.com/2011/02/12/lg-triptych-concept-tablet-phone/>>.

Loveridge, Sam. "Apple Patent Reveals Flexible Wrap-Around Display for Future iPhone Unlikely for iPhone 6". [2013] www.trustedreviews.com Mar. 28, 2013. <<http://www.trustedreviews.com/news/apple-patent-reveals-flexible-wrap-around-display-for-future-iphone-unlikely-for-iphone-6/>>.

Malik, Adnan. "Apple iPhone: Flexible Display Screen Phone is Coming!". [2013] www.itechwhiz.com May 2013 <<http://www.itechwhiz.com/2013/05/apple-iphone-flexible-screen-display-releasedate.html>>.

Darell, Richard. "Apple Patents Flexible Wraparound Display Smartphone". [2013] www.bitrebels.com. <<http://www.bitrebels.com/technology/apple-patents-flexible-smartphone/>>.

"Concept Floater: Hybrid Smart Phone and E-Books" dated May 10, 2012, accessed Sep. 22, 2014.

Arghire, Ionut. "HTC 1 Phone Concept on Display". [2010] www.news.softpedia.com. Jul. 13, 2010 <<http://news.softpedia.com/news/HTC-1-Phone-Concept-on-Display-147276.shtml>>.

"Guards iPhone 6 Concept Photo: Tall on Three Sides Around the Screen.". [2014] www.chinaz.com Feb. 27, 2014 <<http://www.chinaz.com/mobile/2014/0227/341020.shtml#g341020=10>>.

U.S. Appl. No. 29/503,971, filed Oct. 1, 2014, Kim et al.

U.S. Appl. No. 29/503,973, filed Oct. 1, 2014, Kim et al.

U.S. Appl. No. 29/503,978, filed Oct. 1, 2014, Kim et al.

U.S. Appl. No. 29/503,968, filed Oct. 1, 2014, Kim et al.

U.S. Appl. No. 29/503,975, filed Oct. 1, 2014, Kim et al.

U.S. Appl. No. 29/504,020, filed Oct. 1, 2014, Kim et al.

\* cited by examiner

FIG. 1

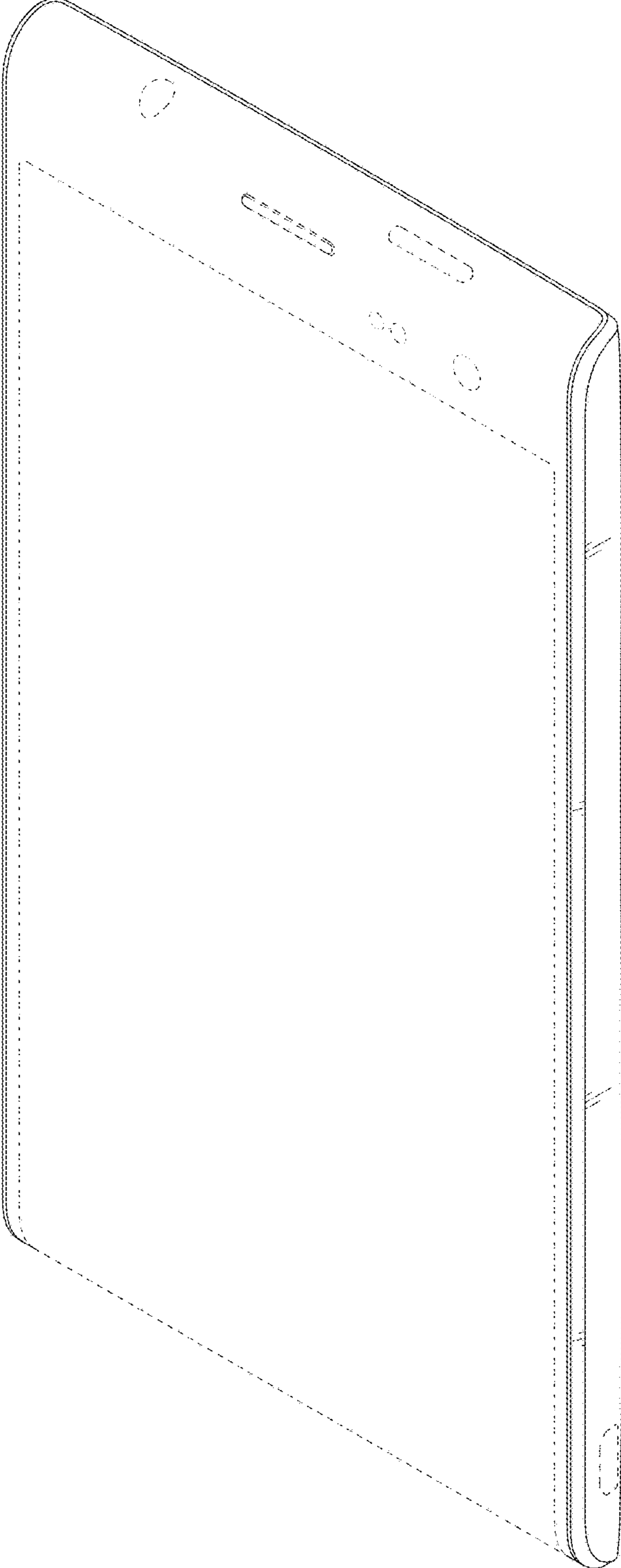


FIG. 2

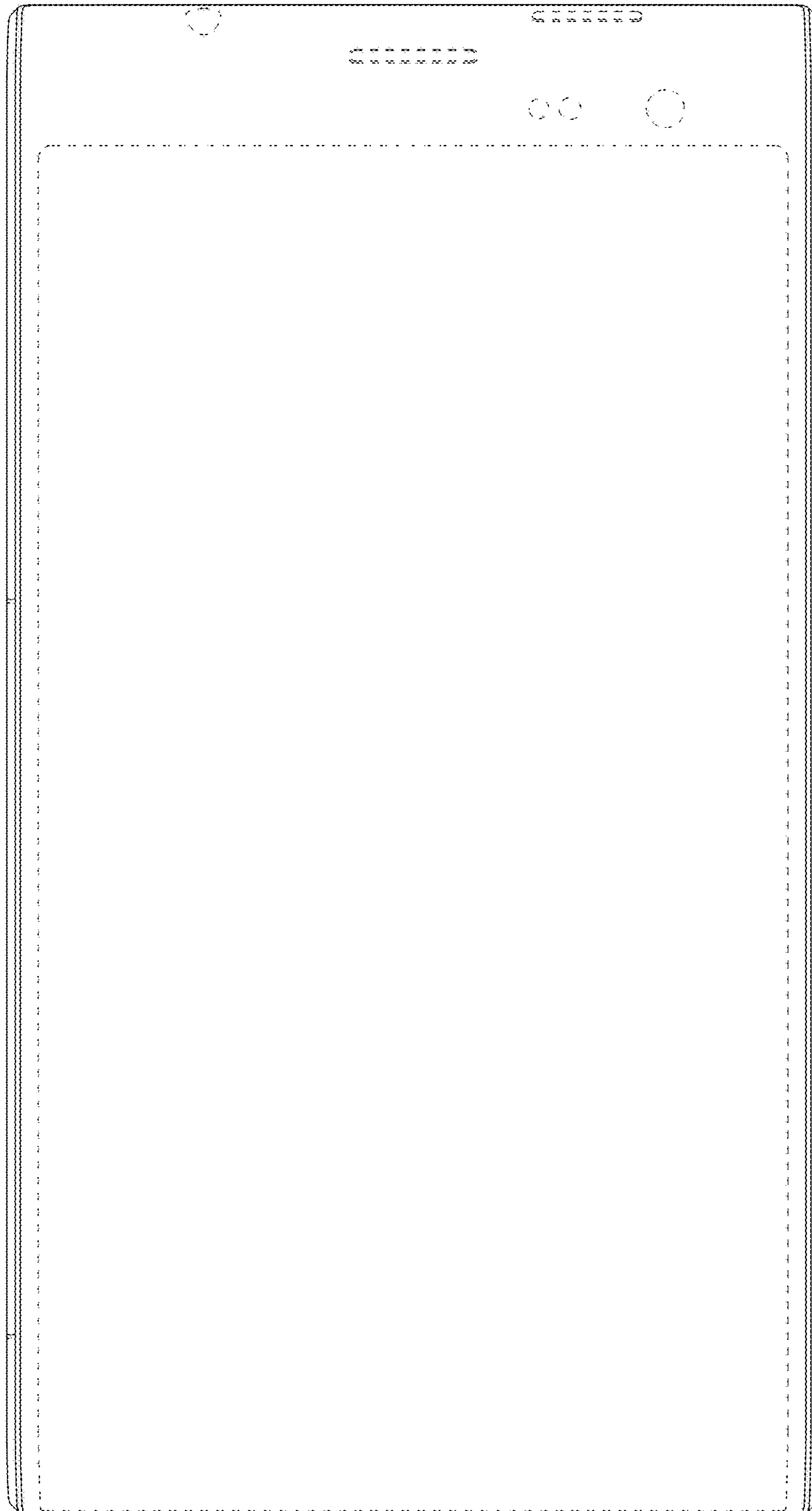


FIG. 3

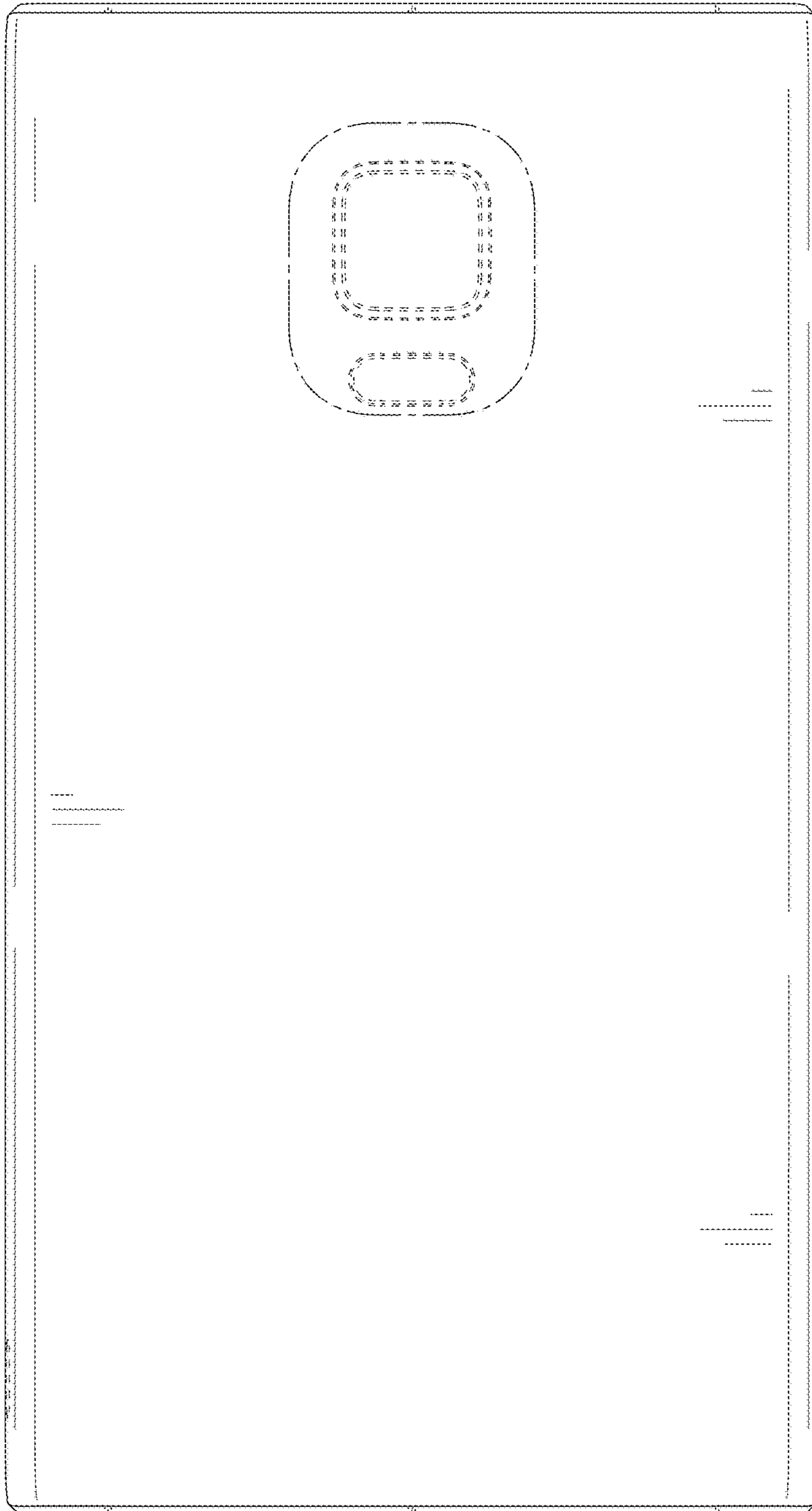


FIG. 4

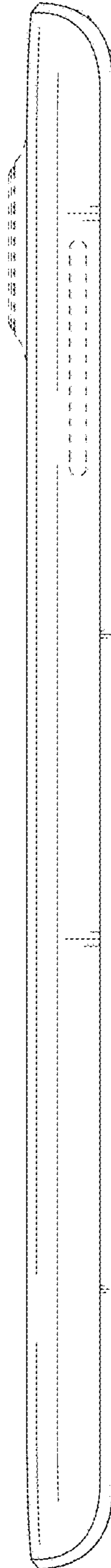


FIG. 5

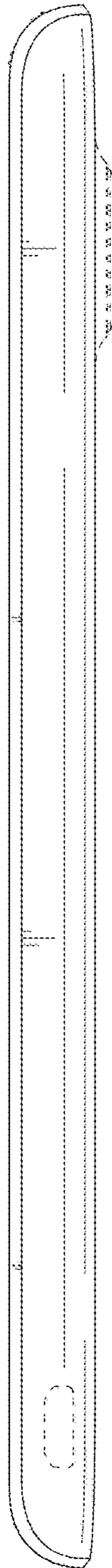




FIG. 6

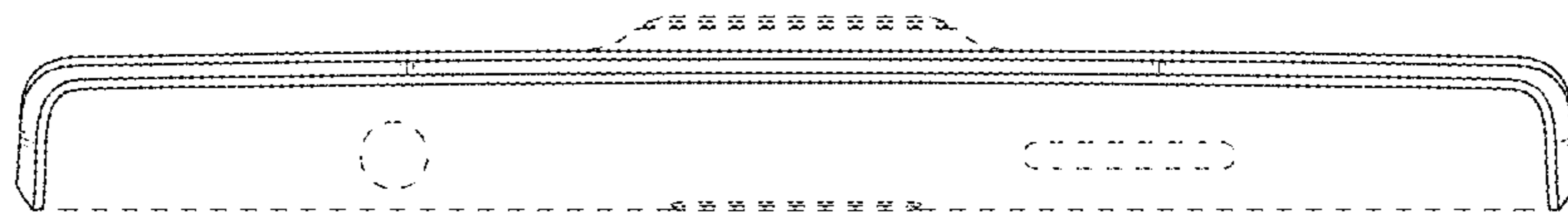


FIG. 7

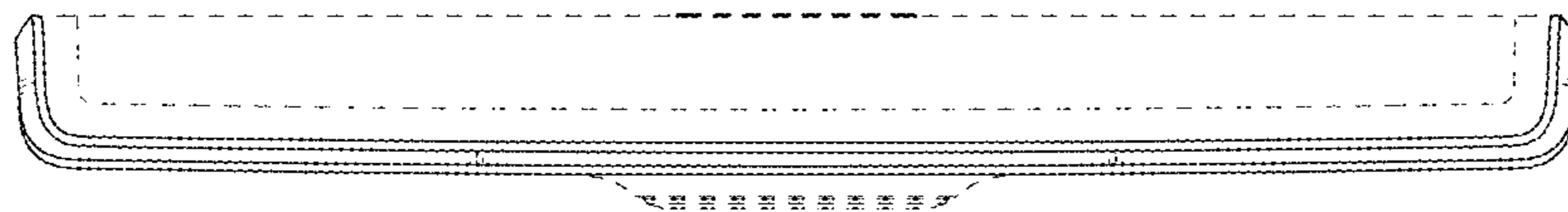


FIG. 8

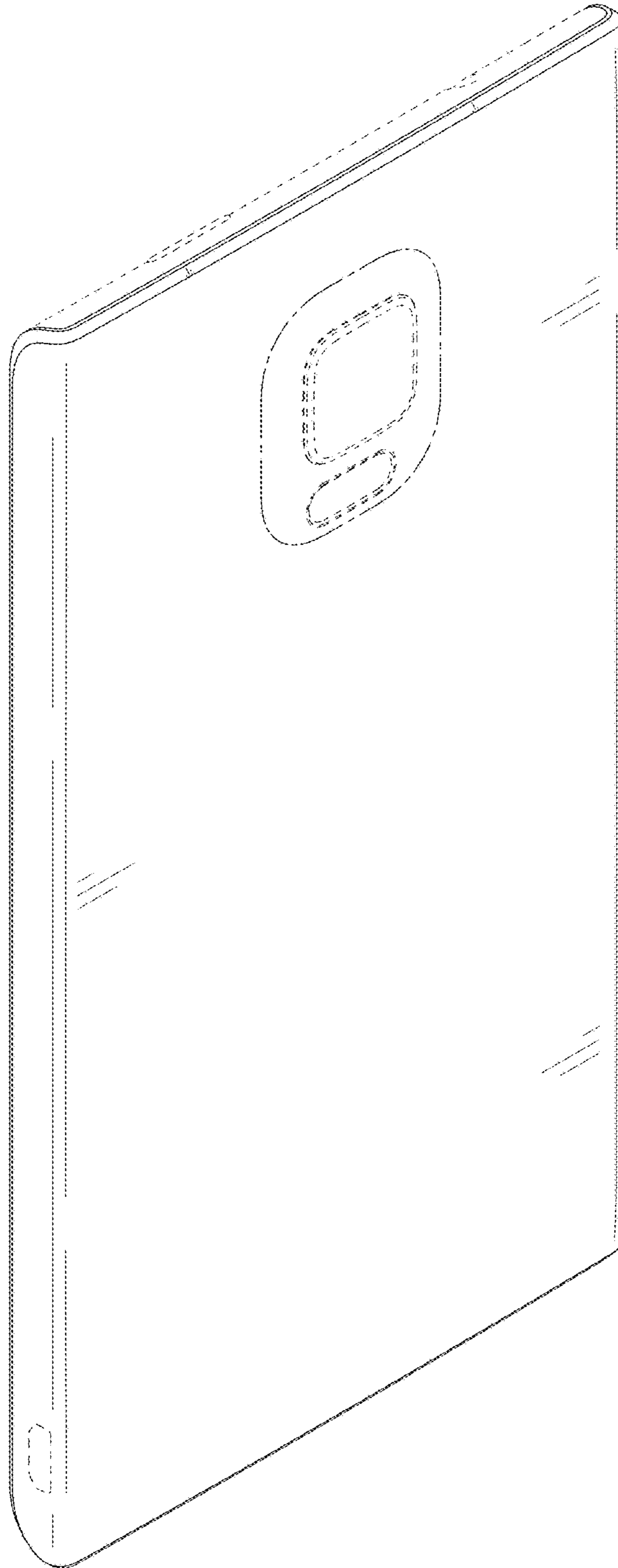


FIG. 9

