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(12) **United States Design Patent** (10) **Patent No.:** **US D836,094 S**  
**Park et al.** (45) **Date of Patent:** **\*\* Dec. 18, 2018**

(54) **MOBILE PHONE**

FOREIGN PATENT DOCUMENTS

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KR 30-0698312 6/2013  
KR 30-0725377 1/2014

(Continued)

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OTHER PUBLICATIONS

Huawei Mate 9 Pro, Jan. 2017, [online], [site visited Sep. 25, 2017]. Retrieved from <url:http://www.gsmarena.com/huawei\_mate\_9\_pro-pictures-8396.php>.\*

(Continued)

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

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(21) Appl. No.: **29/595,527**

(57) **CLAIM**

(22) Filed: **Feb. 28, 2017**

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

**Related U.S. Application Data**

**DESCRIPTION**

(62) Division of application No. 29/580,154, filed on Oct. 6, 2016, now Pat. No. Des. 783,586.

(30) **Foreign Application Priority Data**

Apr. 14, 2016 (KR) ..... 30-2016-0017736

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

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

(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)

FIG. 1 is a top front perspective view of a mobile phone showing our new design;  
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; and,  
FIG. 8 is a bottom front perspective view thereof.

The broken lines shown in the figures that are immediately adjacent the shaded areas and define unshaded regions represent the bounds of the claim. All other broken lines, including the features within broken line boundaries, the broken lines beneath the front glass, and the broken lines outside of the front face of the mobile phone on the sides, top, bottom or back, are directed to environment. The broken lines form no part of the claimed design.

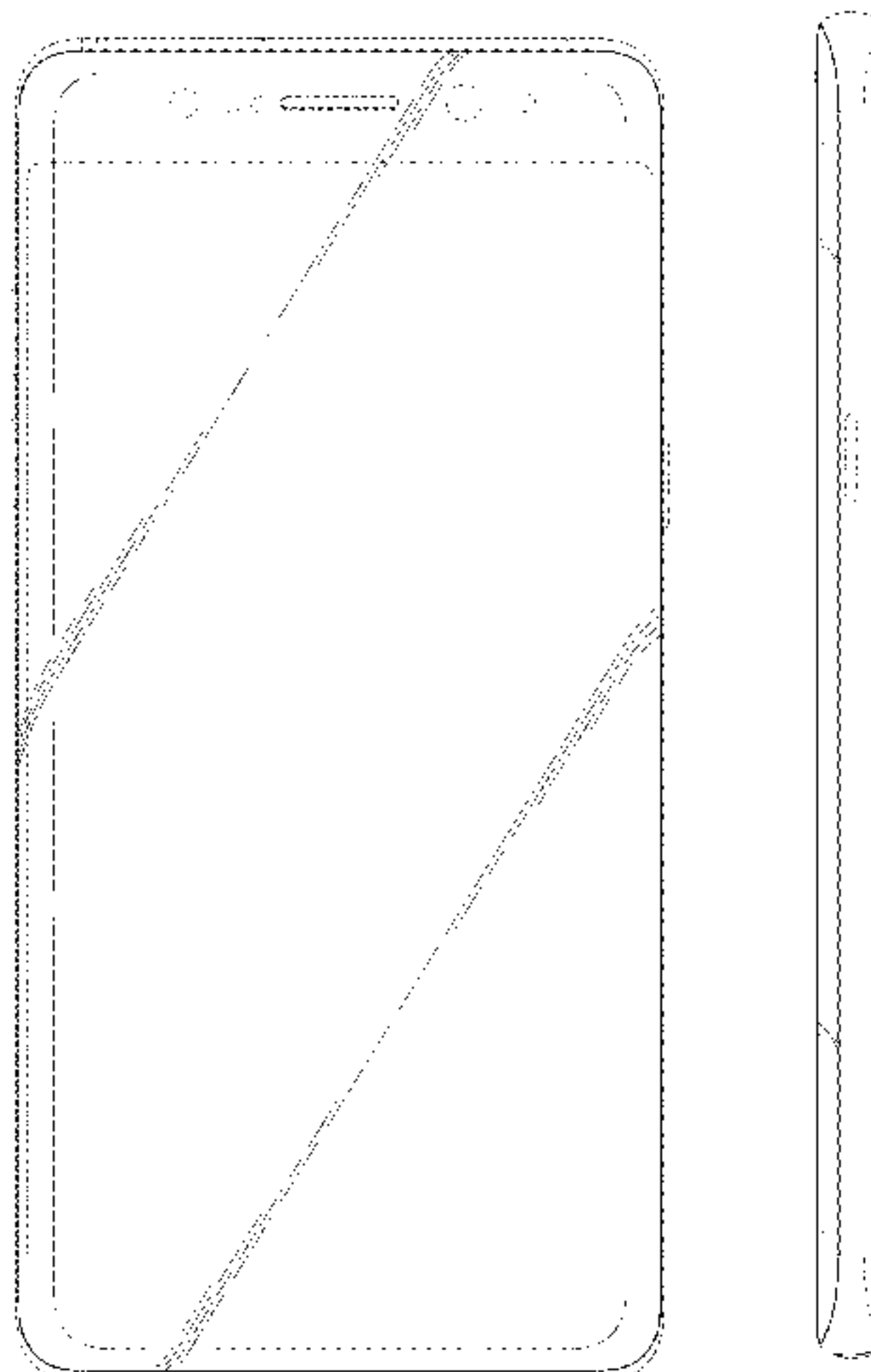
(56) **References Cited**

U.S. PATENT DOCUMENTS

D595,712 S \* 7/2009 Guery ..... D14/341  
D627,782 S \* 11/2010 Ichise ..... D14/346

(Continued)

**1 Claim, 8 Drawing Sheets**





(58) **Field of Classification Search**

USPC ..... D14/341, 342, 345, 346, 203.1, 203.3,  
D14/203.7, 218, 250, 371, 496, 388, 389;  
D21/329; D10/65, 104.1; D20/43  
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

D651,601 S \* 1/2012 Ichise ..... D14/341  
D687,800 S \* 8/2013 Lee ..... D14/138 G  
D696,247 S \* 12/2013 Kim ..... D14/341  
D698,770 S \* 2/2014 Park ..... D14/248  
D698,771 S \* 2/2014 Park ..... D14/248  
D701,191 S \* 3/2014 Suk ..... D14/138 G  
D701,192 S \* 3/2014 Park ..... D14/138 G  
D706,738 S \* 6/2014 Kim ..... D14/138 G  
D716,779 S \* 11/2014 Lee ..... D14/248  
D728,505 S 5/2015 Chung  
D728,544 S 5/2015 Chung  
D728,545 S \* 5/2015 Koh ..... D14/248  
D731,481 S \* 6/2015 Akana ..... D14/341  
D735,704 S \* 8/2015 Chung ..... D14/248  
D740,246 S \* 10/2015 Kim ..... D14/138 G  
D742,347 S \* 11/2015 Kim ..... D14/138 G  
D743,366 S \* 11/2015 Ryu ..... D14/138 G  
D744,449 S \* 12/2015 Lee ..... D14/138 G  
D744,466 S \* 12/2015 Lee ..... D14/248  
D744,973 S \* 12/2015 Lee ..... D14/138 G  
D744,992 S \* 12/2015 Lee ..... D14/248  
D746,245 S \* 12/2015 Ryu ..... D14/138 G  
D750,588 S \* 3/2016 Kim ..... D14/138 G  
D755,151 S \* 5/2016 Kim ..... D14/138 G  
D757,720 S \* 5/2016 Lai ..... D14/341  
D767,522 S \* 9/2016 Wu ..... D14/138 G  
D771,034 S \* 11/2016 Satzger ..... D14/341  
D775,599 S \* 1/2017 Kim ..... D14/138 G  
D775,600 S \* 1/2017 Kim ..... D14/138 G  
D776,073 S \* 1/2017 Kim ..... D14/138 G  
D776,075 S \* 1/2017 Kim ..... D14/138 G  
D782,456 S \* 3/2017 Park ..... D14/248  
D782,457 S \* 3/2017 Park ..... D14/248  
D783,557 S \* 4/2017 Lee ..... D14/138 G  
D783,561 S \* 4/2017 Lee ..... D14/138 G  
D783,567 S \* 4/2017 Park ..... D14/138 G  
D783,586 S \* 4/2017 Park ..... D14/248  
D784,279 S \* 4/2017 Lee ..... D14/138 G  
D786,848 S \* 5/2017 Park ..... D14/248  
D794,595 S \* 8/2017 Lee ..... D14/138 G  
D797,088 S \* 9/2017 Lee ..... D14/248  
D797,090 S \* 9/2017 Lee ..... D14/248  
D797,723 S \* 9/2017 Lee ..... D14/341  
D798,853 S \* 10/2017 Park ..... D14/248  
D801,297 S \* 10/2017 Song ..... D14/138 G  
D802,553 S \* 11/2017 Berneth ..... D14/138 G  
D803,821 S \* 11/2017 Lee ..... D14/248  
D803,822 S \* 11/2017 Lee ..... D14/248  
D812,585 S \* 3/2018 Song ..... D14/138 G  
D813,186 S \* 3/2018 Lee ..... D14/138 G  
D815,056 S \* 4/2018 Song ..... D14/138 G  
D816,055 S \* 4/2018 Song ..... D14/138 G  
D816,649 S \* 5/2018 Song ..... D14/248  
D817,912 S \* 5/2018 Choi ..... D14/138 G  
D817,942 S \* 5/2018 Lee ..... D14/248  
D818,462 S \* 5/2018 Choi ..... D14/248  
D820,800 S \* 6/2018 Song ..... D14/138 G  
D821,348 S \* 6/2018 Song ..... D14/138 G  
2016/0233037 A1 \* 8/2016 Lee ..... H01H 13/705  
2016/0234361 A1 \* 8/2016 Baek ..... H04M 1/0262  
2017/0063421 A1 \* 3/2017 Moon ..... H04B 1/3888  
2017/0094037 A1 \* 3/2017 Gaurav ..... H04M 1/6066

2017/0102872 A1 \* 4/2017 Kim ..... G06F 3/04886  
2017/0374752 A1 \* 12/2017 Kim ..... H01L 51/524  
2018/0033571 A1 \* 2/2018 Choi ..... G06F 3/0202  
2018/0102586 A1 \* 4/2018 Shin ..... H01Q 5/314  
2018/0131087 A1 \* 5/2018 Kim ..... H01Q 1/526  
2018/0151943 A1 \* 5/2018 Lee ..... H01Q 1/2283

FOREIGN PATENT DOCUMENTS

KR 30-0725379 3/2014  
KR 30-0752311 7/2014  
KR 30-0813778 9/2015  
KR 30-0825060 11/2015  
KR 30-0840029 2/2016  
KR 30-0843736 3/2016

OTHER PUBLICATIONS

LG V30, Sep. 2017, [online], [site visited Sep. 25, 2017]. Retrieved from <url:http://www.gsmarena.com/lg\_v30-pictures-8712.php>.\*  
Samsung Galaxy S8, Apr. 2017, [online], [site visited Sep. 25, 2017]. Retrieved from <url:http://www.gsmarena.com/samsung\_galaxy\_s8-pictures-8161.php>.\*  
Samsung Galaxy Note8, Sep. 2017, [online], [site visited Sep. 26, 2017]. Retrieved from <url:http://www.gsmarena.com/samsung\_galaxy\_note8-pictures-8505.php>.\*  
Vivo Xplay 5 Official TV Commercial, Mar. 1, 2016, [online], [site visited Sep. 26, 2017]. Retrieved from <url:https://www.youtube.com/watch?v=\_f3TtXmVHj4>.\*  
Galaxy A8 Star (A9 Star), no date available, [online], [site visited Jun. 28, 2018]. Retrieved from url:https://www.gsmarena.com/samsung\_galaxy\_a8\_star\_(a9\_star)-pictures-9220.php (Year: 2018).\*  
Samsung Galaxy S Light Luxury, May 31, 2018, [online], [site visited Jun. 28, 2018]. Retrieved from url:https://www.gsmarena.com/samsung\_galaxy\_s\_light\_luxury-pictures-9202.php (Year: 2018).\*  
Samsung Galaxy S9 plus, Mar. 31, 2018, [online], [site visited Jun. 28, 2018]. Retrieved from url:https://www.gsmarena.com/samsung\_galaxy\_s9+-pictures-8967.php (Year: 2018).\*  
Samsung Galaxy S9, Mar. 31, 2018, [online], [site visited Jun. 28, 2018]. Retrieved from url:https://www.gsmarena.com/samsung\_galaxy\_s9+-pictures-8967.php (Year: 2018).\*  
Nokia 8 Sirocco, Apr. 30, 2018, [online], [site visited Jun. 28, 2018]. Retrieved from url:https://www.gsmarena.com/nokia\_8\_sirocco-pictures-9087.php (Year: 2018).\*  
LG V30S ThinQ, Mar. 31, 2018, [online], [site visited Jun. 28, 2018]. Retrieved from url:https://www.gsmarena.com/lg\_v30s\_thinq-pictures-9090.php (Year: 2018).\*  
Galaxy S7 Edge concepts have us salivating for Samsung's new flagship, Todd Haselton on Technobuffalo, Oct. 4, 2015, [site visited Jun. 29, 2018]. Retrieved from url:https://www.technobuffalo.com/2015/10/04/galaxy-s7-edge-concepts-have-us-salivating-for-samsungs-new-flagship/ (Year: 2015).\*  
Nguyen, Lanh, "Alcatel Idol 4 and Idol 4S hands on", Android Authority. Feb. 20, 2016, http://www.androidauthority.com/alcatel-idol-4-and-idol-4s-hands-on-674583/ (Last Accessed Oct. 24, 2016).  
GSMarena, "vivo Xplay5 Elite pictures", http://www.gsmarena.com/vivo\_xplay5\_elite-pictures-7970.php (Last Accessed Oct. 24, 2016).  
Daniel P., "LG Class, the company's first metal-clad Android gets unboxed and previewed", phonearena.com, Sep. 24, 2016, http://www.phonearena.com/news/LG-Class-the-companys-first-metal-clad-Android-gets-unboxed-and-previewed\_id74017 (Last Accessed Oct. 24, 2016).  
Hoffmann, Jan, "HTC Desire 626G und Desire 526G: Mittelklasse-Smartphones mit Dual-SIM vorgestellt", Giga Android, Mar. 24, 2015, http://www.giga.de/unternehmen/htc/news/htc-desire-626g-und-desire-526g-mittelklasse-smartphones-mit-dual-sim-vorgestellt/ (Last Accessed Oct. 24, 2016).  
GSMarena, "Yota YotaPhone 2 pictures", http://www.gsmarena.com/yota\_yotaphone\_2-pictures-6959.php (Last Accessed Oct. 24, 2016).

(56)

**References Cited**

OTHER PUBLICATIONS

GSMarena, "Apple iPhone 6 Plus pictures", [http://www.gsmarena.com/apple\\_iphone\\_6\\_plus-pictures-6665.php](http://www.gsmarena.com/apple_iphone_6_plus-pictures-6665.php) (Last Accessed Oct. 24, 2016).

GSMarena, "Sony Xperia E3 Dual pictures", [http://www.gsmarena.com/sony\\_xperia\\_e3\\_dual-pictures-6663.php](http://www.gsmarena.com/sony_xperia_e3_dual-pictures-6663.php) (Last Accessed Oct. 24, 2016).

Samsung Galaxy Note7 (USA) pictures, official photos, Aug. 2016, [online], [site visited Feb. 28, 2017], Retrieved from <[http://www.gsmarena.com/samsung\\_galaxy\\_note7\\_\(usa\)-pictures-8242.php](http://www.gsmarena.com/samsung_galaxy_note7_(usa)-pictures-8242.php)>.

Samsung Galaxy S7 edge pictures, official photos, Mar. 2016, [online] [site visited Feb. 28, 2017], Retrieved from <[http://www.gsmarena.com/samsung\\_galaxy\\_s7\\_edge-pictures-7945.php](http://www.gsmarena.com/samsung_galaxy_s7_edge-pictures-7945.php)>.

Samsung Galaxy S7 pictures, official photos, Mar. 2016, [online] [site visited Feb. 28, 2017], Retrieved from <[http://www.gsmarena.com/samsung\\_galaxy\\_s7-pictures-7821.php](http://www.gsmarena.com/samsung_galaxy_s7-pictures-7821.php)>.

Samsung Galaxy Note5 (USA) pictures, official photos, Aug. 2015, [online] [site visited Feb. 28, 2017], Retrieved from <[http://www.gsmarena.com/samsung\\_galaxy\\_note5\\_\(usa\)-pictures-7504.php](http://www.gsmarena.com/samsung_galaxy_note5_(usa)-pictures-7504.php)>.

Xiaomi Mi Note 2 pictures, official photos, Nov. 2016, [online] [site visited Feb. 28, 2017], Retrieved from <[http://www.gsmarena.com/xiaomi\\_mi\\_note\\_2-pictures-8014.php](http://www.gsmarena.com/xiaomi_mi_note_2-pictures-8014.php)>.

Vivo Xplay6 pictures, official photos, Dec. 2016, [online] [site visited Feb. 28, 2017], Retrieved from <[http://www.gsmarena.com/vivo\\_xplay6-pictures-8436.php](http://www.gsmarena.com/vivo_xplay6-pictures-8436.php)>.

Vivo Xplay 5 Official TV Commercial, Mar. 1, 2016, [online] [site visited Feb. 28, 2017], Retrieved from <[https://www.youtube.com/watch?v=\\_f3TtXmVHj4](https://www.youtube.com/watch?v=_f3TtXmVHj4)>.

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

Samsung Galaxy S8 Pictures, no data available, [online] [site visited Feb. 28, 2017], Retrieved from <[http://www.gsmarena.com/samsung\\_galaxy\\_s8-pictures-8161.php](http://www.gsmarena.com/samsung_galaxy_s8-pictures-8161.php)>.

\* cited by examiner



FIG. 1

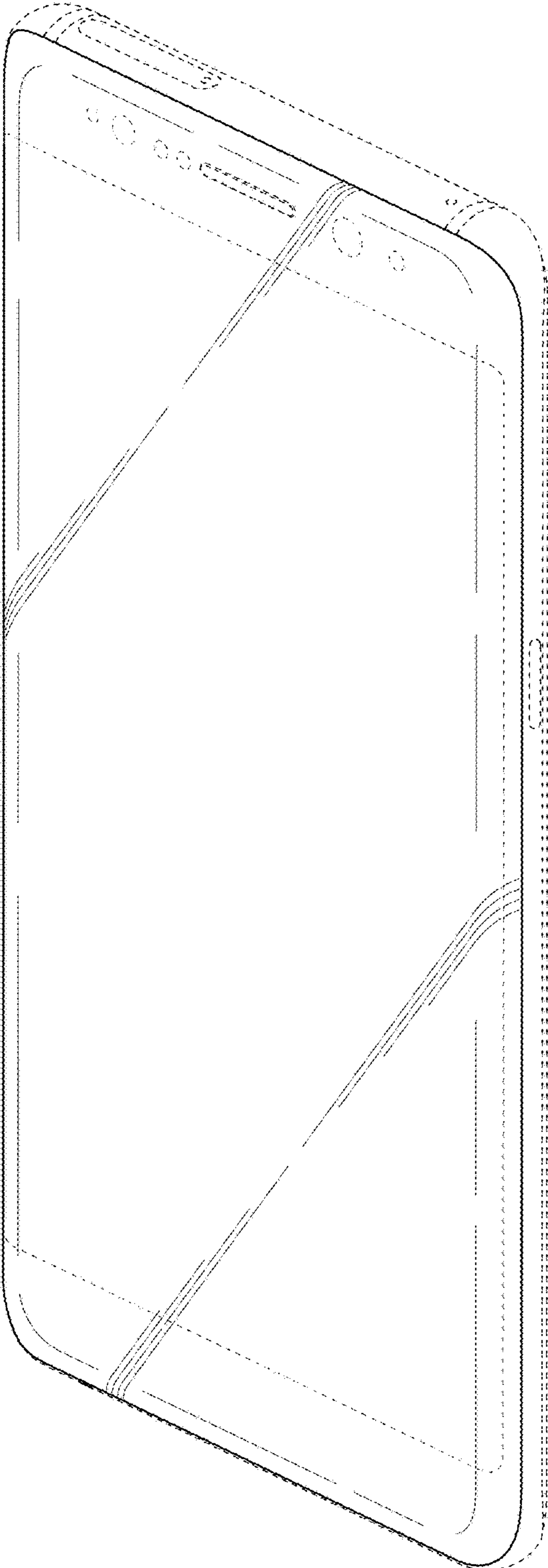


FIG. 2

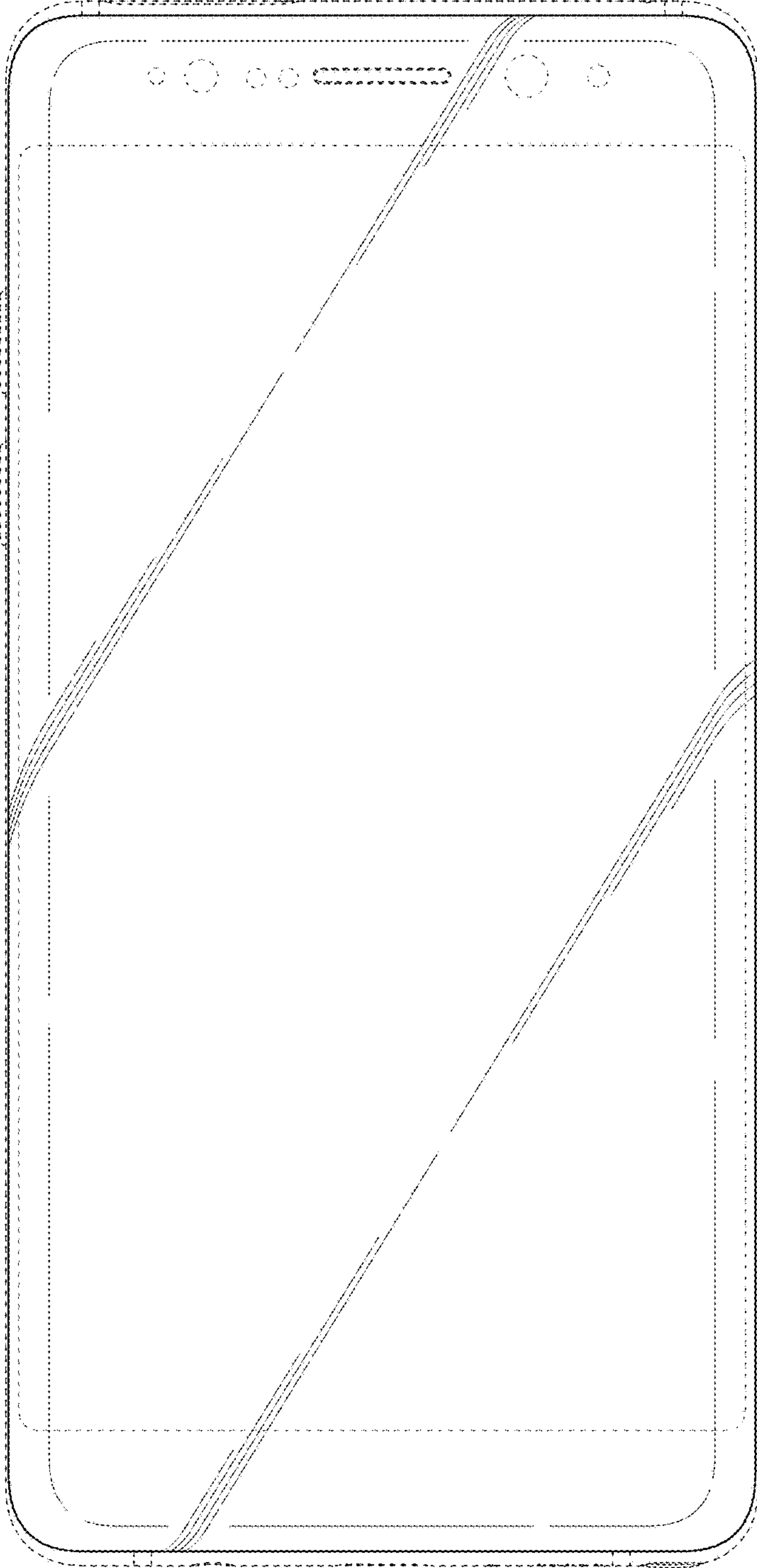


FIG. 3

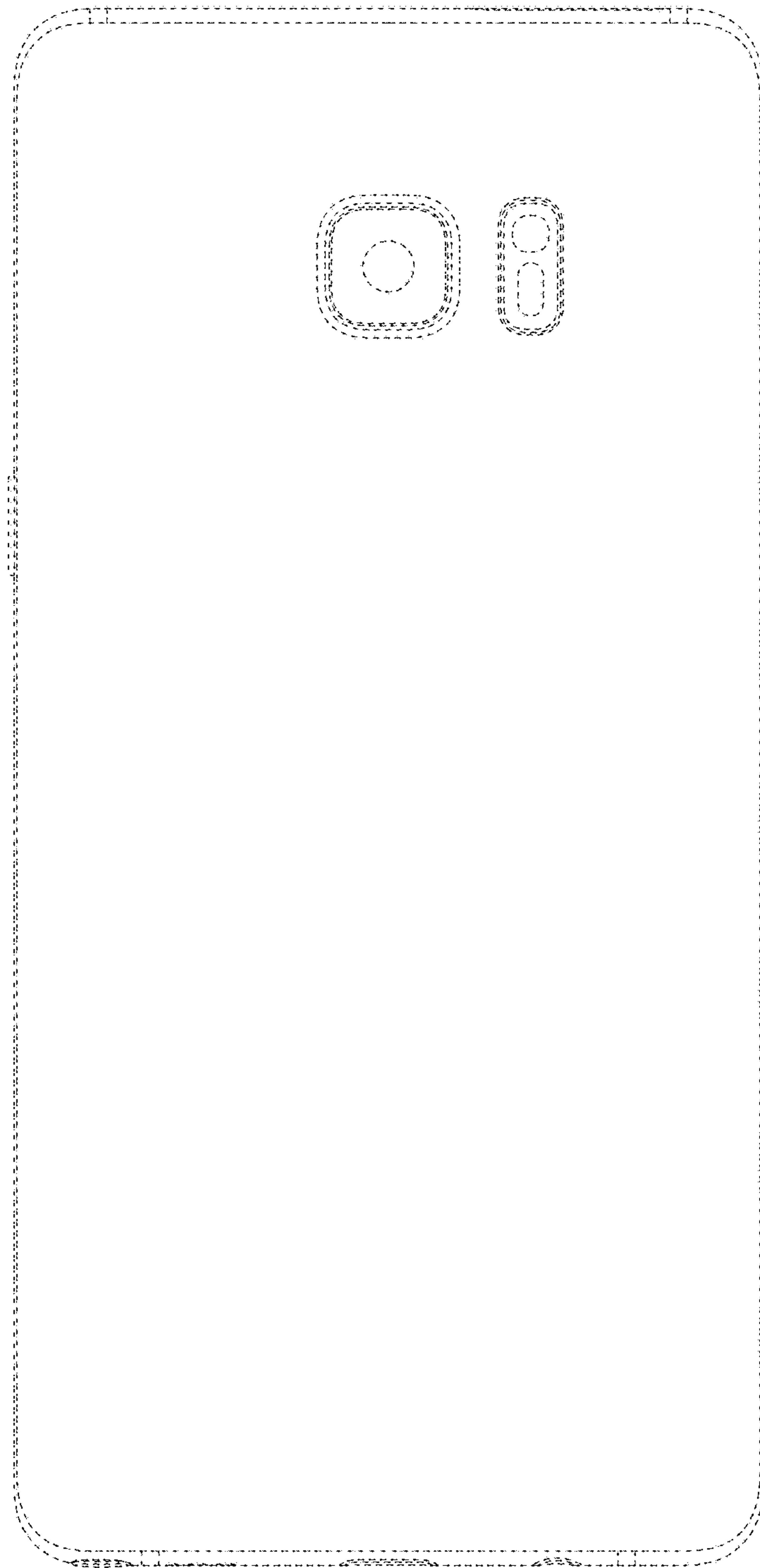


FIG. 4

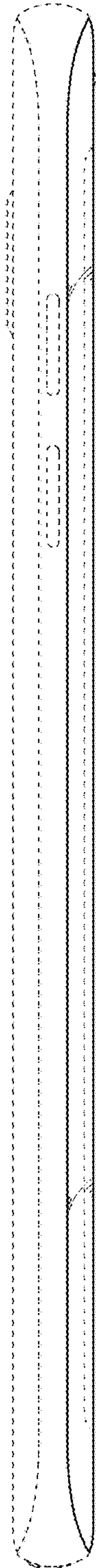


FIG. 5

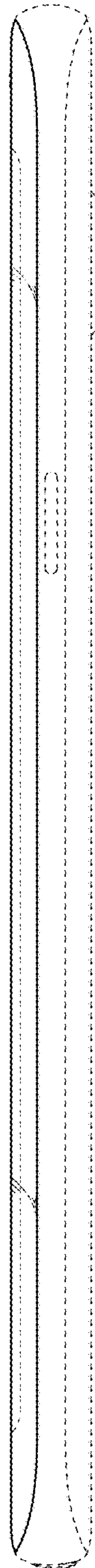




FIG. 6

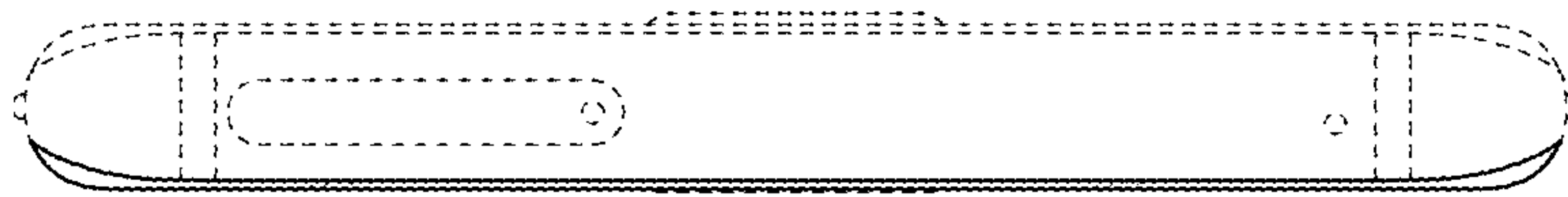


FIG. 7

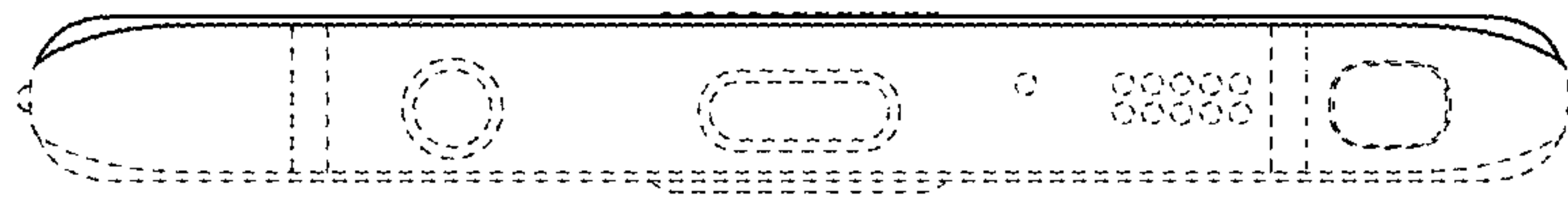


FIG. 8

