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(12) **United States Design Patent** (10) **Patent No.:** **US D879,081 S**
Kim et al. (45) **Date of Patent:** **** Mar. 24, 2020**

(54) **MOBILE DEVICE**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **Samsung Electronics Co., Ltd.**,
Suwon-si (KR)

EM 004494417-0003 11/2017
KR 30-2015-0020783 2/2016

(Continued)

(72) Inventors: **Sungkwon Kim**, Seoul (KR); **Kwanue Hong**, Yongin-si (KR); **Chungha Kim**, Seoul (KR); **Giha Woo**, Seoul (KR)

OTHER PUBLICATIONS

(73) Assignee: **Samsung Electronics Co., Ltd.**,
Suwon-si (KR)

Huawei P11 Gets an iPhone X Notch, Becomes Huawei P11 X, Dec. 19, 2017, [online], [site visited Aug. 28, 2019]. Retrieved url:https://www.concept-phones.com/huawei/huawei-p11-iphone-notch-huawei-p11/ (Year: 2017).*

(Continued)

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

(21) Appl. No.: **29/693,457**

Primary Examiner — Cathron C Brooks

(22) Filed: **Jun. 3, 2019**

Assistant Examiner — Tracey J Bell

Related U.S. Application Data

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

(63) Continuation of application No. 29/606,065, filed on Jun. 1, 2017, now Pat. No. Des. 856,988, which is a
(Continued)

(57) **CLAIM**

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

(30) **Foreign Application Priority Data**

DESCRIPTION

Oct. 2, 2015 (KR) 30-2015-0049931
Oct. 2, 2015 (KR) 30-2015-0049932

(51) **LOC (12) Cl.** **14-03**

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

(58) **Field of Classification Search**
USPC D14/138 AA-138 R, 248, 341, 203.7,
D14/371, 374, 420, 138 G
(Continued)

FIG. 1 is a front perspective view of a mobile 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; and,
FIG. 7 is a bottom view thereof.

The broken lines in the figures depict environmental subject matter and form no part of the claimed design.

The thinner solid lines shown in the figures represent the display screen of the mobile device that is provided beneath the transparent/reflective front surface, which is represented by the thicker solid lines that are shown.

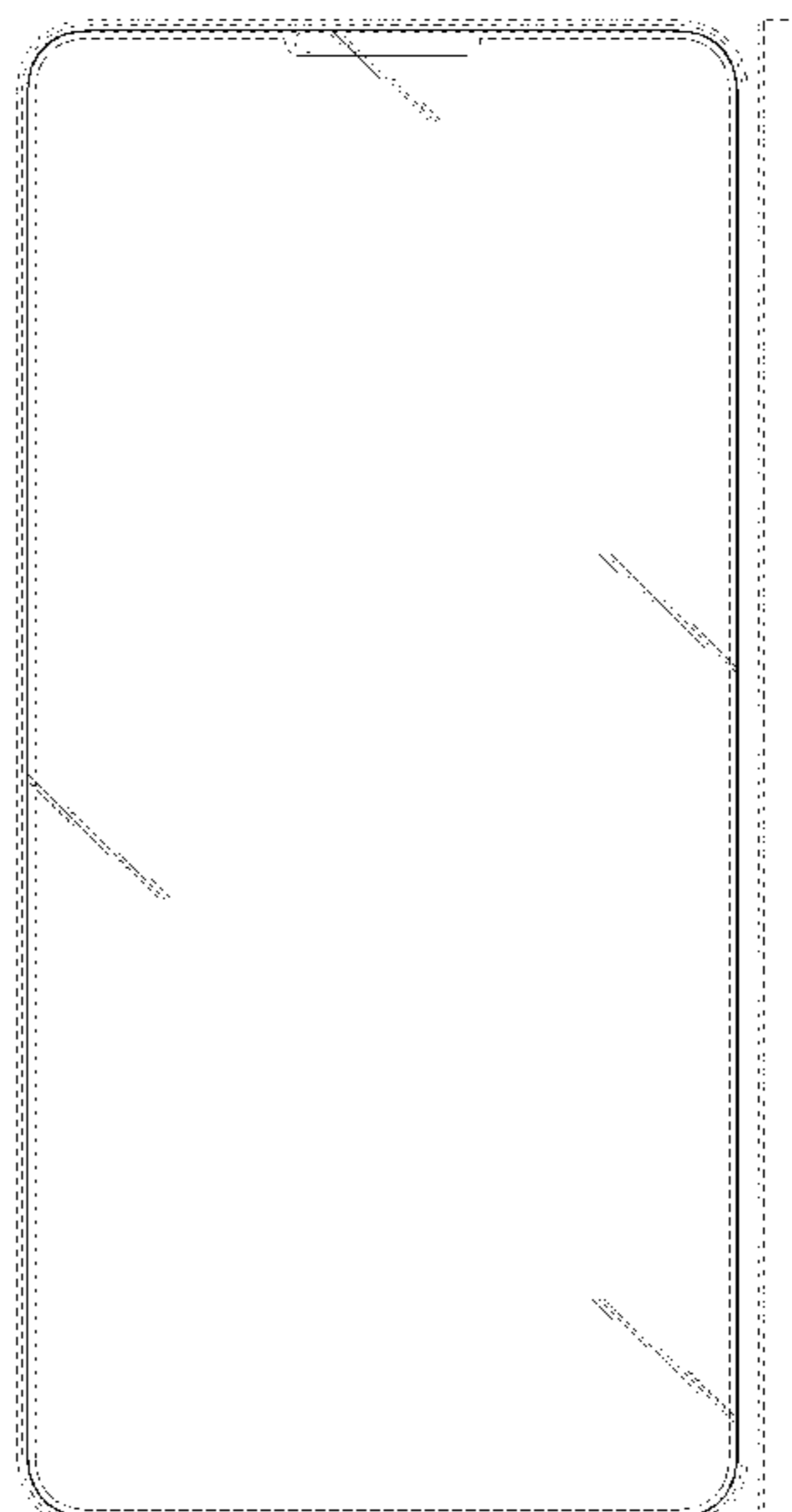
(56) **References Cited**

U.S. PATENT DOCUMENTS

D157,635 S 3/1950 Schnell
3,409,445 A 11/1968 Hall

(Continued)

1 Claim, 5 Drawing Sheets



Related U.S. Application Data

continuation of application No. 29/560,135, filed on Apr. 4, 2016, now Pat. No. Des. 854,523.

(58) **Field of Classification Search**

CPC G06F 1/1626; G06F 1/1652; 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

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,657,834 A 4/1972 Tauber
 3,703,384 A 11/1972 Seiferth
 3,885,731 A 5/1975 Mullinix
 D260,514 S 9/1981 Gell
 D280,815 S 10/1985 Gelardi
 D283,310 S 4/1986 Sussman
 D284,077 S 6/1986 Kikuchi
 D286,631 S 11/1986 Hashimoto
 4,669,587 A 6/1987 Zitt
 4,736,903 A 4/1988 Landry
 D307,582 S 5/1990 Elliott
 D320,202 S 9/1991 Eng
 D331,237 S 11/1992 Grasso
 D336,848 S 6/1993 Chen
 D337,569 S 7/1993 Kando
 D363,083 S 10/1995 Thompson, III
 D401,255 S 11/1998 Burns
 D433,592 S 11/2000 Hopkins
 D564,031 S 3/2008 Perella
 D585,411 S 1/2009 Eaton
 D592,628 S * 5/2009 Kim D14/138 AD
 D596,171 S 7/2009 Wolfson
 D597,537 S 8/2009 Eaton
 D606,038 S 12/2009 Aarras
 D606,062 S 12/2009 Stone
 D617,636 S 6/2010 Vanhoutte
 D629,377 S 12/2010 Ivaskevicius
 D630,609 S 1/2011 Yang
 D639,763 S 6/2011 Kim
 D644,195 S 8/2011 Kim
 D647,573 S 10/2011 Nomiya
 D649,953 S 12/2011 Chung
 D651,583 S 1/2012 Park
 D658,625 S 5/2012 Paradise
 D668,627 S 10/2012 Chung
 D669,444 S 10/2012 Shin
 D672,344 S 12/2012 Li
 D673,037 S 12/2012 Wolf
 D676,409 S 2/2013 Kim
 D676,818 S 2/2013 Park
 D680,092 S * 4/2013 Tsai D14/138 G
 D680,993 S 4/2013 Jeong
 8,437,811 B2 * 5/2013 Park H04M 1/035
 455/575.1
 D684,135 S 6/2013 Seo
 D685,779 S 7/2013 Schriefer
 D687,401 S 8/2013 Park
 D688,639 S * 8/2013 Tsai D14/138 G
 D688,707 S 8/2013 Vincent
 D694,730 S 12/2013 Lee
 D694,826 S 12/2013 Ricci
 D696,220 S 12/2013 Seo
 D696,234 S 12/2013 Wright
 D697,504 S 1/2014 Yang
 D699,206 S 2/2014 Kim
 D699,208 S 2/2014 Cho
 D704,672 S 5/2014 Chen
 D708,266 S 7/2014 Moore
 D708,267 S 7/2014 Moore
 D708,269 S 7/2014 Moore
 D709,439 S 7/2014 Ferber

D709,847 S 7/2014 Huang
 D714,782 S 10/2014 Ohshima
 D717,160 S 11/2014 Kurniawan
 D722,308 S 2/2015 Hofer
 D724,603 S 3/2015 Williams
 D728,468 S 5/2015 Ferber
 D730,863 S 6/2015 Yamagishi
 D737,795 S 9/2015 Huang
 D738,343 S 9/2015 Shao
 D740,247 S 10/2015 Park
 D741,832 S 10/2015 Lee
 D743,366 S 11/2015 Ryu
 D749,551 S 2/2016 Mitchell
 D751,051 S 3/2016 Cho
 D756,951 S 5/2016 Kim
 D756,997 S 5/2016 Lai
 D758,333 S * 6/2016 Aarras D14/138 G
 D760,680 S 7/2016 Lee
 D763,881 S 8/2016 Smith
 D766,290 S 9/2016 Barajas
 D766,906 S 9/2016 Kim
 D768,143 S 10/2016 Drozd
 D769,883 S 10/2016 Moon
 D771,001 S 11/2016 Reivo
 D772,190 S 11/2016 Cheng
 D774,486 S 12/2016 DeFazio
 D775,537 S 1/2017 Kikstra
 D777,700 S 1/2017 Kwon
 D778,867 S 2/2017 Husgafvel
 D782,993 S 4/2017 Wang
 D783,565 S 4/2017 Kim
 D783,566 S 4/2017 Kim
 D784,281 S 4/2017 Ryu
 D786,214 S 5/2017 Kwon
 D786,815 S 5/2017 Park
 D788,731 S 6/2017 Park
 D793,381 S 8/2017 Park
 D796,948 S 9/2017 Lam
 D798,263 S 9/2017 Kwon
 D800,710 S 10/2017 Ryu
 D804,569 S 12/2017 Williams
 D806,669 S * 1/2018 Kangasmaa D14/138 AA
 D806,705 S 1/2018 Akana
 D807,853 S * 1/2018 Oh D14/138 G
 D810,713 S 2/2018 Pantel
 D813,301 S 3/2018 Williams
 D815,632 S 4/2018 Akana
 D815,633 S 4/2018 Akana
 D819,591 S 6/2018 Kwon
 D820,833 S 6/2018 Kim
 D826,202 S 8/2018 Park
 D826,224 S 8/2018 Shin
 D828,828 S 9/2018 Kim
 D829,206 S 9/2018 Akana
 D832,266 S 10/2018 Akana
 D832,267 S 10/2018 Akana
 D836,079 S 12/2018 Shin
 D836,080 S 12/2018 Shin
 D837,174 S 1/2019 Choe
 D839,230 S 1/2019 Ryu
 D840,382 S 2/2019 Ryu
 D840,383 S 2/2019 Ryu
 D840,987 S 2/2019 Ryu
 D841,003 S 2/2019 Akana
 D841,004 S 2/2019 Akana
 D841,634 S * 2/2019 Ryu D14/248
 D842,853 S 3/2019 Akana
 D850,402 S * 6/2019 Cho D14/138 G
 D852,177 S * 6/2019 Cho D14/248
 D854,523 S * 7/2019 Kim D14/248
 D854,528 S * 7/2019 Ryu D14/248
 D855,042 S * 7/2019 Ryu D14/248
 D855,043 S * 7/2019 Ryu D14/248
 D855,044 S * 7/2019 Cho D14/248
 D856,338 S * 8/2019 Akana D14/439
 D856,988 S * 8/2019 Kim D14/248
 D856,989 S * 8/2019 Kim D14/248
 D862,407 S * 10/2019 Lee D14/138 G
 2011/0077061 A1 3/2011 Danze

(56)

References Cited

U.S. PATENT DOCUMENTS

2012/0069504	A1	3/2012	Ho	
2013/0343012	A1	12/2013	Park	
2015/0227167	A1	8/2015	Chiang	
2016/0188974	A1	6/2016	Mullin	
2017/0289324	A1	10/2017	Yeo	
2018/0157362	A1	6/2018	Kim	
2018/0196475	A1	7/2018	Bao	
2018/0219987	A1	8/2018	Pantel	
2019/0072997	A1*	3/2019	Cha G06F 1/1626
2019/0082563	A1*	3/2019	Wah H05K 5/069

FOREIGN PATENT DOCUMENTS

KR	30-2015-0043196	4/2016
KR	30-2015-0043198	4/2016
KR	30-2015-0032194	2/2017

OTHER PUBLICATIONS

Killing the Bezel means killing the Smartphone, Mar. 25, 2018, [online], [site visited Apr. 11, 2018]. Retrieved from url:<http://www.yankodesign.com/2018/03/25/killing-the-bezel-means-killing-the-smartphone/> (Year: 2018).*

HTC 2 is a Dual Boot Flexible Screen Handset, Aug. 18, 2013, [online], [site visited Jan. 31, 2019]. Retrieved from url:<https://www.concept-phones.com/htc/htc-2-dual-boot-flexible-screen-handset/> (Year: 2013).

LG Paper Touch Phone Unfolds Four Times, Apr. 30, 2011, [online], [site visited Jan. 31, 2019]. Retrieved from url:<https://www.concept-phones.com/lg/lg-paper-touch-phone-unfolds-times-tablet/> (Year: 2011).

iPhone 5 Design Makes the Thinnest Smartphone Ever, Jul. 3, 2011, [online], [site visited Feb. 2, 2019]. Retrieved from url:<https://www.concept-phones.com/apple/iphone-5-design-thinnest-smartphone-4mm-thickness/> (Year: 2011).

iPhone 7 Already Reinvents the Apple Handset Format, With Edge to Edge Display, Nov. 16, 2014, [online], [site visited Feb. 2, 2019]. Retrieved from url:<https://www.concept-phones.com/apple/iphone-7-reinvents-apple-handset-format-edge-display/> (Year: 2014).

LG Patent gives us a glimpse at what LG V30 or LG G7 could look like, Scott Adam Gordon, Android Authority, May 18, 2017, [online], [site visited Feb. 1, 2018]. Retrieved from url:<https://www.androidauthority.com/lg-patent-second-display-773447/>.

GearBest Pre-Order Doogee F3 Pro For Only \$159.99, John Anon, Android Headlines, Jul. 29, 2015, [online], [site visited Feb. 1, 2018]. Retrieved from url:<https://www.androidheadlines.com/2015/07/gearbest-pre-order-doo-gee-f3-pro-159-99.html>.

Samsung Galaxy Note 9 Gets First 2018 Design, With a Notch, By Kevin on Concept Phones, Jan. 1, 2018, [online], [site visited Jan. 5, 2018]. Retrieved from url:<https://www.concept-phones.com/samsung/samsung-galaxy-note-9-2018-design-notch-video/>.

Kiarash Kia Teases HTC One L Prime Phone With Narrow Design, 24 K Gold, By Kelvin on Concept Phones, May 14, 2015, [online], [site visited Jan. 5, 2018]. Retrieved from url:<https://www.concept-phones.com/htc/kiarash-kia-teases-htc-prime-phone-narrow-design-24-gold/>.

Apple iPhone X, Oct. 2017, [online], [site visited Jan. 10, 2018]. Retrieved from url:https://www.gsmarena.com/apple_iphone_x-pictures-8858.php.

Leaked Images Of The Mi Mix 2s Shows iPhone X Like Notch, by Akshay Bhalla, Nov. 9, 2017, [online], [site visited Jan. 10, 2018]. Retrieved from url:<https://www.mensxp.com/technology/news/40608-leaked-images-of-the-mi-mix-2s-shows-iphone-x-like-notch.html>.

E se il Samsung Galaxy Note X seguisse le orme di iPhone X, Jan. 8, 2018, [online], [site visited Jan. 11, 2018]. Retrieved from url:<http://www.androidblog.it/190004/samsung-galaxy-note-x-seguisse-le-orme-iphone-x-concept/>.

Spradlin, Liam “Hands-On With The LG V10” [2015] www.androidpolice.com Oct. 1, 2015 <<http://www.androidpolice.com/2015/10/01/hands-on-with-the-lg-v10/#app-lightbox>>.

* cited by examiner

FIG.1

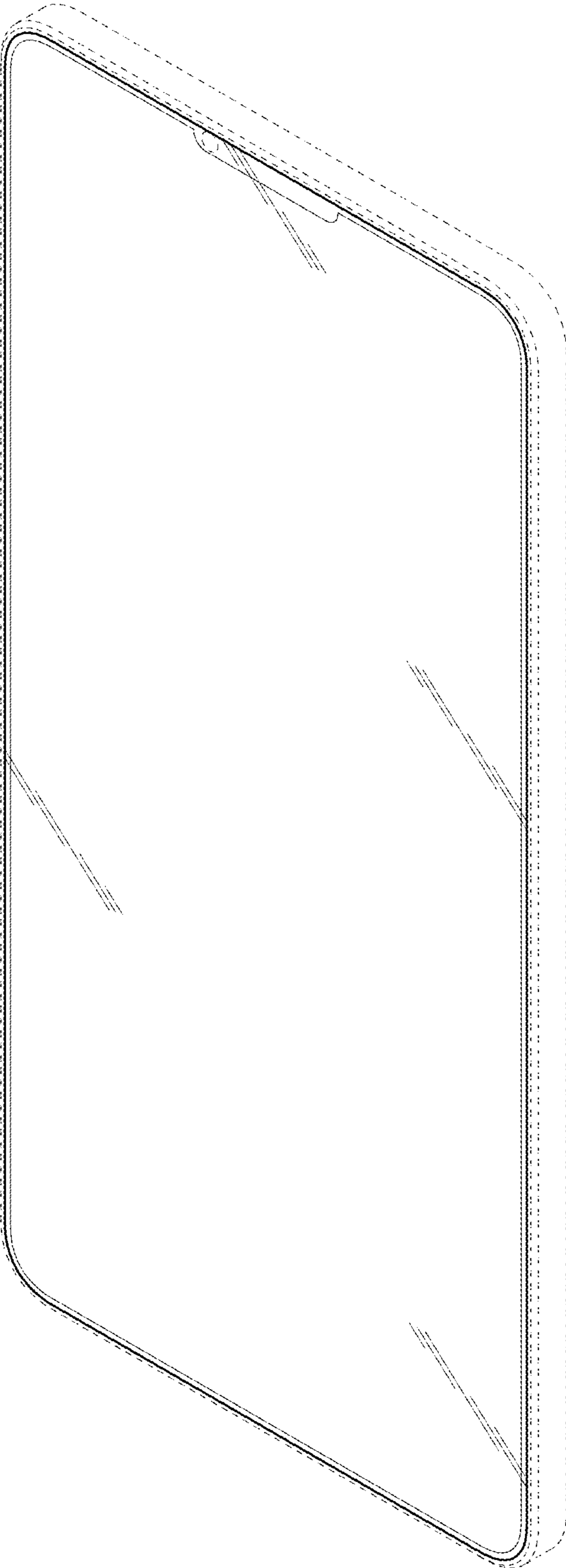


FIG.2

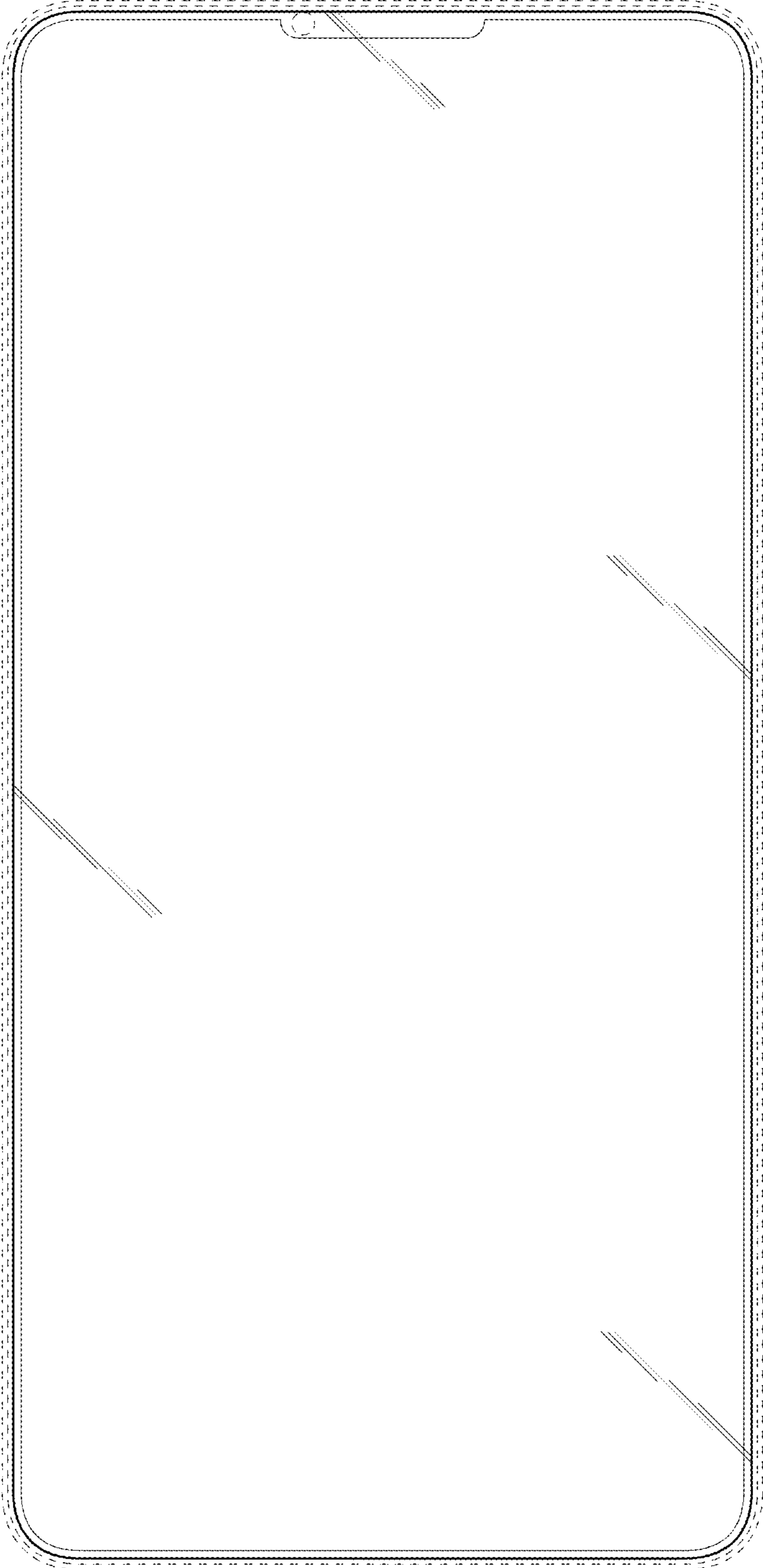


FIG.3

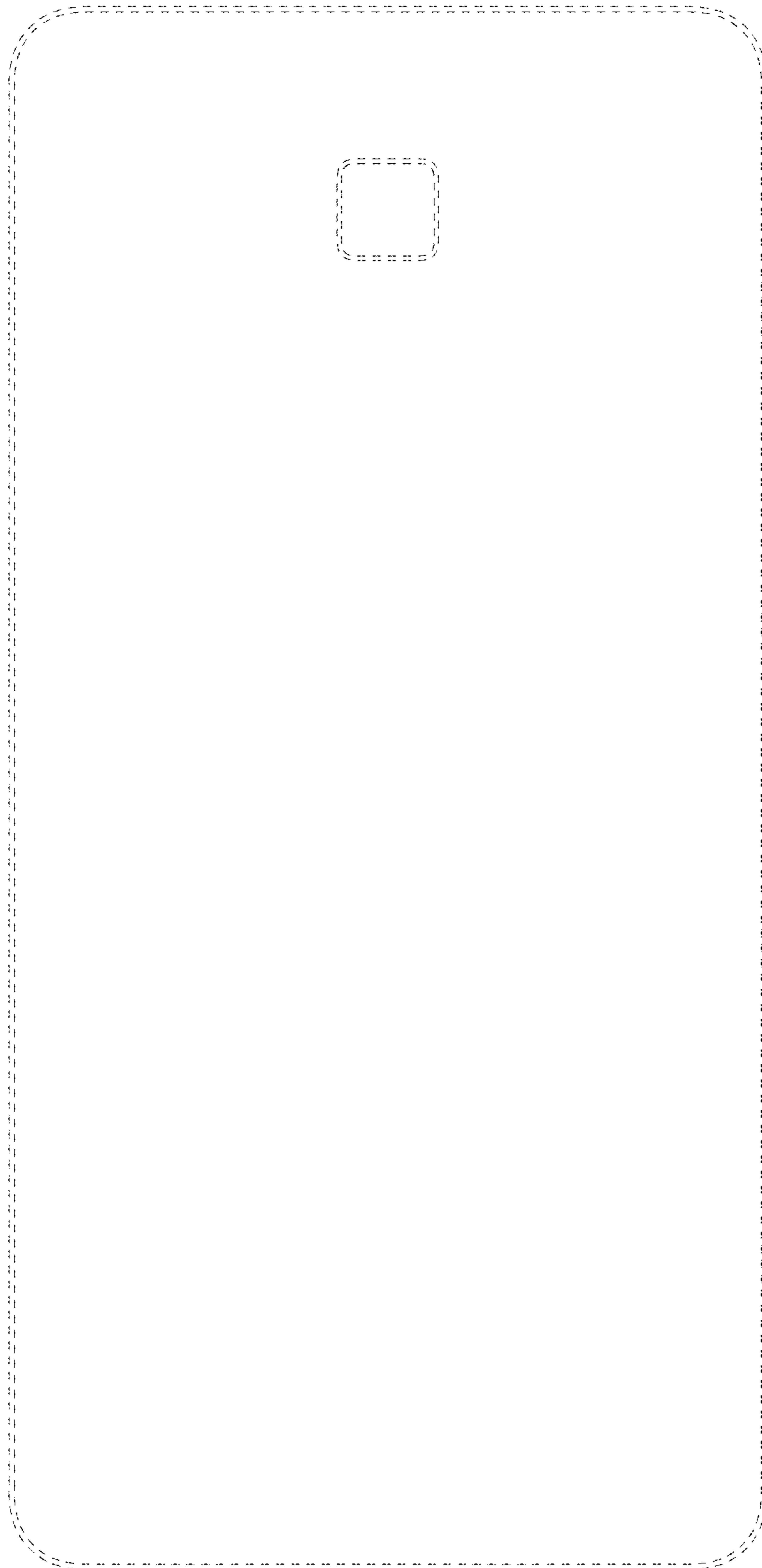


FIG.4

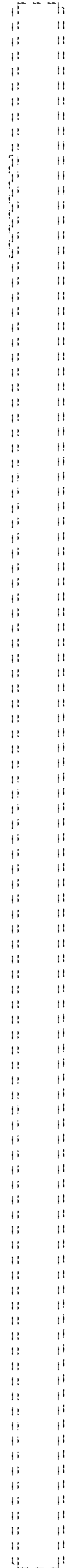


FIG.5

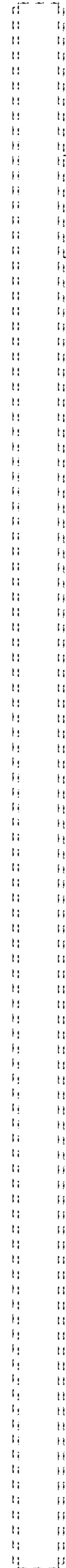


FIG.6

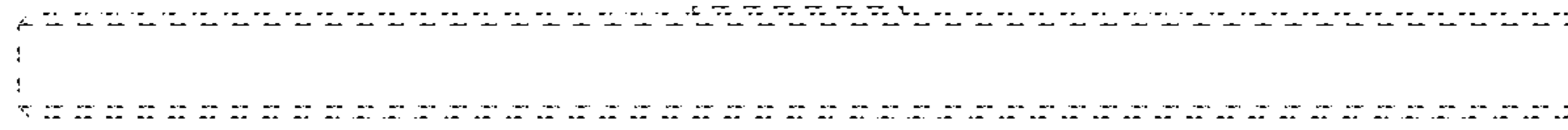


FIG.7

