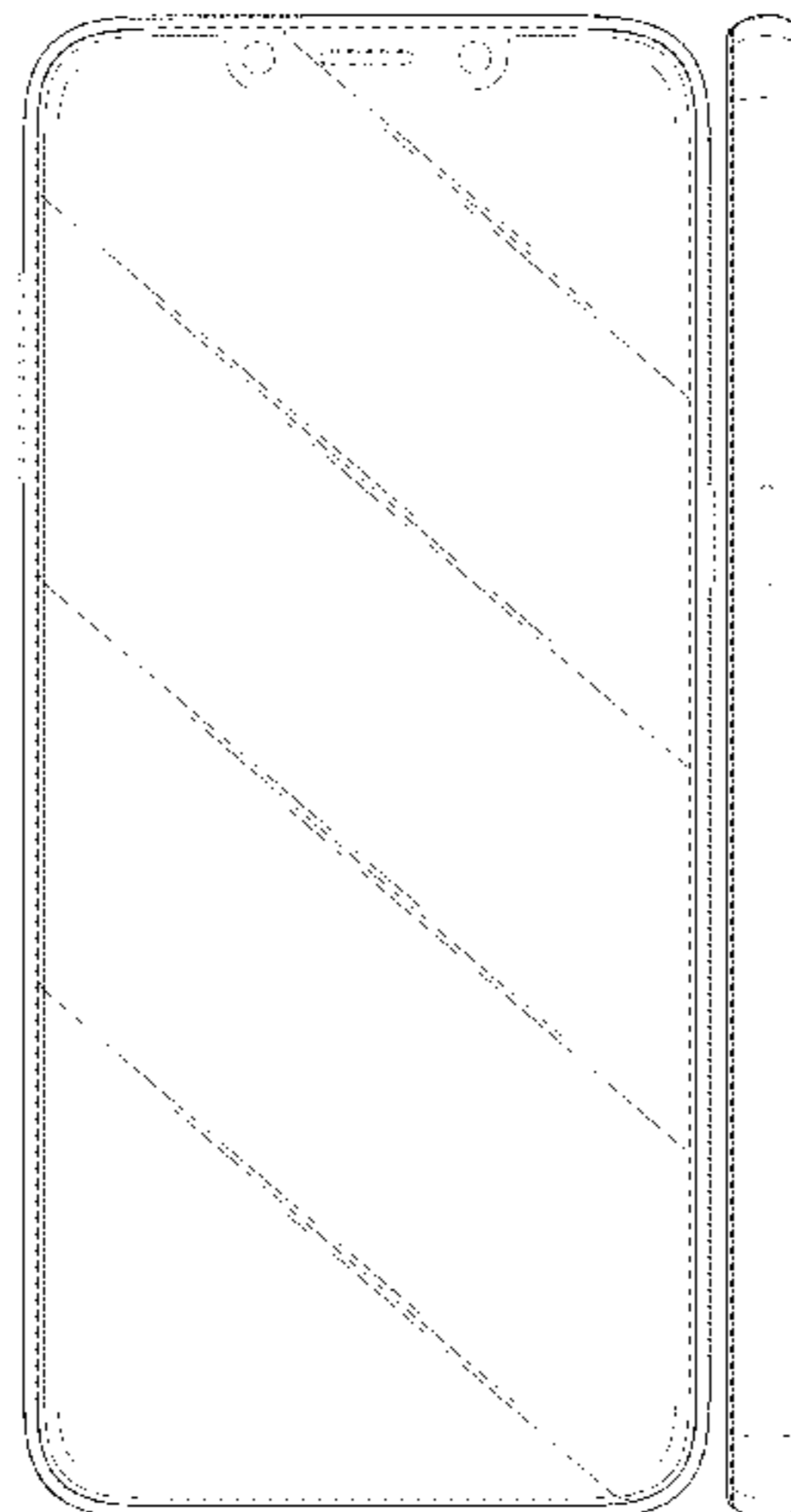




US00D877110S

(12) **United States Design Patent** (10) **Patent No.:** **US D877,110 S**  
**Cho et al.** (45) **Date of Patent:** **\*\* \*Mar. 3, 2020**

(54) <b>MOBILE PHONE</b>	D622,246 S *	8/2010	Lee .....	D14/138 AD
	8,437,811 B2 *	5/2013	Park .....	H04M 1/035 455/575.1
(71) Applicant: <b>Samsung Electronics Co., Ltd.,</b> Suwon-si (KR)	D690,676 S *	10/2013	Daniel .....	D14/138 AD
	D693,785 S *	11/2013	Sutherland .....	D14/138 G
	D730,335 S *	5/2015	Choi .....	D14/248
(72) Inventors: <b>Yongjun Cho,</b> Suwon-si (KR); <b>Sanghoon Song,</b> Gumi-si (KR); <b>Junyoung Lee,</b> Seoul (KR); <b>Munhee</b> <b>Jang,</b> Yongin-si (KR); <b>Youn-Gun Jung,</b> Suwon-si (KR); <b>Yoonyoung Choi,</b> Seoul (KR)	D741,831 S *	10/2015	Kozlovskaya .....	D14/138 G
	D743,923 S *	11/2015	Hubbard .....	D14/138 G
	D743,931 S *	11/2015	Hubbard .....	D14/203.7
	D752,036 S *	3/2016	Ho .....	D14/341
	D753,623 S *	4/2016	Park .....	D14/138 G
	D781,807 S *	3/2017	Hubbard .....	D14/138 G
	D783,602 S *	4/2017	Akana .....	D14/341
	D788,735 S *	6/2017	Daniel .....	D14/138 G
	D793,981 S *	8/2017	Seo .....	D14/138 G
(73) Assignee: <b>SAMSUNG ELECTRONICS CO.,</b> <b>LTD.,</b> Suwon-si (KR)	D794,594 S *	8/2017	Seo .....	D14/138 G
	D795,829 S *	8/2017	Seo .....	D14/138 G
(*) Notice: This patent is subject to a terminal dis- claimer.	D800,716 S *	10/2017	Akana .....	D14/341
	D802,553 S *	11/2017	Berneth .....	D14/138 G
	D803,209 S *	11/2017	Akana .....	D14/341
	D806,705 S *	1/2018	Akana .....	D14/341
(**) Term: <b>15 Years</b>	D815,633 S *	4/2018	Akana .....	D14/341
	D816,055 S *	4/2018	Song .....	D14/138 G
	D819,591 S *	6/2018	Kwon .....	D14/138 G
(21) Appl. No.: <b>29/630,788</b>	D820,833 S *	6/2018	Kim .....	D14/341
	D821,344 S *	6/2018	Park .....	D14/138 G
(22) Filed: <b>Dec. 22, 2017</b>	D822,017 S *	7/2018	Noh .....	D14/341
	D823,272 S *	7/2018	Croyle .....	D14/138 G
(30) <b>Foreign Application Priority Data</b>	D824,874 S *	8/2018	You .....	D14/138 G
Jun. 23, 2017 (KR) .....	D825,516 S *	8/2018	Li .....	D14/138 G
30-2017-0028979	D825,556 S *	8/2018	Akana .....	D14/341
(51) <b>LOC (12) Cl.</b> .....	D828,828 S *	9/2018	Kim .....	D14/248
<b>14-03</b>	D834,552 S *	11/2018	Ryu .....	D14/138 G
(52) <b>U.S. Cl.</b> .....	D839,230 S *	1/2019	Ryu .....	D14/138 G
<b>D14/138 G</b>	D843,964 S *	3/2019	Forsyth .....	D14/138 G
USPC .....	D850,402 S *	6/2019	Cho .....	D14/138 G
(58) <b>Field of Classification Search</b>	D852,769 S *	7/2019	Li .....	D14/138 G
USPC .....	D853,980 S *	7/2019	Kim .....	D14/138 G
D14/138 G, 138 AD, 341, 138 R, 496, D14/203.1, 203.3, 203.5, 203.7, 248; 455/575.1, 556.2; D21/517, 329; 361/679.3, 679.56	D855,031 S *	7/2019	Cho .....	D14/138 G
CPC . G06F 1/1626; H04M 1/0266; H04M 1/0202; H04M 1/026	D859,344 S *	9/2019	Seo .....	D14/138 G
See application file for complete search history.	D860,151 S *	9/2019	Cho .....	D14/138 G
	D860,965 S *	9/2019	Cho .....	D14/138 G
	D861,674 S *	10/2019	Kim .....	D14/341
	D863,245 S *	10/2019	Yuan et al. ....	D14/138 G
	2017/0289324 A1 *	10/2017	Yeo .....	G03B 29/00
	2018/0026337 A1 *	1/2018	Chen .....	H01Q 1/243 343/702
(56) <b>References Cited</b>	2018/0089492 A1 *	3/2018	Cai .....	H04M 1/026
<b>U.S. PATENT DOCUMENTS</b>	2018/0177082 A1 *	6/2018	Wei .....	H04N 5/2253
D568,285 S * 5/2008 Lee .....	2018/0183151 A1 *	6/2018	Zhao .....	H01Q 13/10
D14/138 G	2018/0324287 A1 *	11/2018	Zhou .....	H04M 1/0264
D616,852 S * 6/2010 Kim .....	2018/0324364 A1 *	11/2018	Lu .....	H04N 5/2621
D14/138 AD				



2019/0072997 A1\* 3/2019 Cha ..... G06F 1/1626  
 2019/0214706 A1\* 7/2019 Kim ..... H04M 1/02  
 2019/0253539 A1\* 8/2019 Ma ..... H04M 1/0262

FOREIGN PATENT DOCUMENTS

CN	303774383	*	8/2013
CN	303596714	*	2/2016
CN	303691712	*	6/2016
CN	304180223	*	6/2016
CN	304005674	*	1/2017
CN	304095938	*	4/2017
CN	304117892	*	4/2017
CN	304145554	*	5/2017
JP	D1614318	*	9/2018

OTHER PUBLICATIONS

Samsung Galaxy A6s, released Nov. 2018, [online], [site visited Dec. 30, 2018]. Available from Internet, URL: [https://www.gsmarena.com/samsung\\_galaxy\\_a6s-pictures-9352.php](https://www.gsmarena.com/samsung_galaxy_a6s-pictures-9352.php).\*  
 Apple iPhone X, released Oct. 2017, [online], [site visited Dec. 30, 2018]. Available from Internet, URL: [https://www.gsmarena.com/apple\\_iphone\\_x-pictures-8858.php](https://www.gsmarena.com/apple_iphone_x-pictures-8858.php).\*  
 Huawei Mate 10, released Nov. 2017, [online], [site visited Dec. 30, 2018]. Available from Internet, URL: [https://www.gsmarena.com/huawei\\_mate\\_10-pictures-8877.php](https://www.gsmarena.com/huawei_mate_10-pictures-8877.php).\*  
 Xiaomi Mi Mix 2, released Sep. 2017, [online], [site visited Dec. 30, 2018]. Available from Internet, URL: [https://www.gsmarena.com/xiaomi\\_mi\\_mix\\_2-pictures-8529.php](https://www.gsmarena.com/xiaomi_mi_mix_2-pictures-8529.php).\*  
 LG G7 ThinQ, released May 2018, [online], [site visited Dec. 30, 2018]. Available from Internet, URL: [https://www.gsmarena.com/lg\\_g7\\_thinq-pictures-9115.php](https://www.gsmarena.com/lg_g7_thinq-pictures-9115.php).\*  
 Xiaomi Mi 8 Lite, released Sep. 2018, [online], [site visited Dec. 30, 2018]. Available from Internet, URL: [https://www.gsmarena.com/xiaomi\\_mi\\_8\\_lite-pictures-9329.php](https://www.gsmarena.com/xiaomi_mi_8_lite-pictures-9329.php).\*  
 OnePlus 6, released May 2018, [online], [site visited Dec. 30, 2018]. Available from Internet, URL: [https://www.gsmarena.com/oneplus\\_6-pictures-9109.php](https://www.gsmarena.com/oneplus_6-pictures-9109.php).\*  
 Asus Zenfone Max Pro (M2) ZB631KL, released Dec. 2018, [online], [site visited Dec. 30, 2018]. Available from Internet, URL: [https://www.gsmarena.com/asus\\_zenfone\\_max\\_pro\\_\(m2\)\\_zb631kl-pictures-9410.php](https://www.gsmarena.com/asus_zenfone_max_pro_(m2)_zb631kl-pictures-9410.php).\*  
 Xiaomi Mi 8, released Jun. 2018, [online], [site visited Dec. 30, 2018]. Available from Internet, URL: [https://www.gsmarena.com/xiaomi\\_mi\\_8-pictures-9065.php](https://www.gsmarena.com/xiaomi_mi_8-pictures-9065.php).\*  
 Xiaomi Mi 6, released Apr. 2017, [online], [site visited Dec. 30, 2018]. Available from Internet, URL: [https://www.gsmarena.com/xiaomi\\_mi\\_6-pictures-8507.php](https://www.gsmarena.com/xiaomi_mi_6-pictures-8507.php).\*  
 Wiko Sunny Max, released 2016, [online], [site visited Dec. 30, 2018]. Available from Internet, URL: [https://www.gsmarena.com/wiko\\_sunny\\_max-pictures-9027.php](https://www.gsmarena.com/wiko_sunny_max-pictures-9027.php).\*  
 Wiko Lenny3, released May 2016, [online], [site visited Dec. 30, 2018]. Available from Internet, URL: [https://www.gsmarena.com/wiko\\_lenny3-pictures-8200.php](https://www.gsmarena.com/wiko_lenny3-pictures-8200.php).\*  
 iPhone Edition 2017 Concept Imagined by Benjamin Geskin, Looking Hot, Kelvin, Mar. 10, 2017, [online], [site visited Jul. 18, 2017]. Retrieved from URL: <https://www.concept-phones.com/apple/iphone-edition-2017-concept-imagined-benjamin-geskin-hot/>.\*

\* cited by examiner

Primary Examiner — Jeffrey D Asch  
 (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 an enlarged rear perspective view of the area encircled in FIG. 8;  
 FIG. 10 is a front perspective view of a mobile phone showing our new design according to a second embodiment;  
 FIG. 11 is a front elevation view thereof;  
 FIG. 12 is a rear elevation view thereof;  
 FIG. 13 is a left side elevation view thereof;  
 FIG. 14 is a right side elevation view thereof;  
 FIG. 15 is a top plan view thereof;  
 FIG. 16 is a bottom plan view thereof;  
 FIG. 17 is a rear perspective view thereof;  
 FIG. 18 is an enlarged rear perspective view of the area encircled in FIG. 17;  
 FIG. 19 is a front perspective view of a mobile phone showing our new design according to a third embodiment;  
 FIG. 20 is a front elevation view thereof;  
 FIG. 21 is a rear elevation view thereof;  
 FIG. 22 is a left side elevation view thereof;  
 FIG. 23 is a right side elevation view thereof;  
 FIG. 24 is a top plan view thereof;  
 FIG. 25 is a bottom plan view thereof;  
 FIG. 26 is a rear perspective view thereof;  
 FIG. 27 is an enlarged rear perspective view of the area encircled in FIG. 26;  
 FIG. 28 is a front perspective view of a mobile phone showing our new design according to a fourth embodiment;  
 FIG. 29 is a front elevation view thereof;  
 FIG. 30 is a rear elevation view thereof;  
 FIG. 31 is a left side elevation view thereof;  
 FIG. 32 is a right side elevation view thereof;  
 FIG. 33 is a top plan view thereof;  
 FIG. 34 is a bottom plan view thereof;  
 FIG. 35 is a rear perspective view thereof;  
 FIG. 36 is a front perspective view of a mobile phone showing our new design according to a fifth embodiment;  
 FIG. 37 is a front elevation view thereof;  
 FIG. 38 is a rear elevation view thereof;  
 FIG. 39 is a left side elevation view thereof;  
 FIG. 40 is a right side elevation view thereof;  
 FIG. 41 is a top plan view thereof;  
 FIG. 42 is a bottom plan view thereof;  
 FIG. 43 is a rear perspective view thereof;  
 FIG. 44 is a front perspective view of a mobile phone showing our new design according to a sixth embodiment;  
 FIG. 45 is a front elevation view thereof;  
 FIG. 46 is a rear elevation view thereof;  
 FIG. 47 is a left side elevation view thereof;  
 FIG. 48 is a right side elevation view thereof;  
 FIG. 49 is a top plan view thereof;  
 FIG. 50 is a bottom plan view thereof;  
 FIG. 51 is a rear perspective view thereof;  
 FIG. 52 is a front perspective view of a mobile phone showing our new design according to a seventh embodiment;  
 FIG. 53 is a front elevation view thereof;  
 FIG. 54 is a rear elevation view thereof;  
 FIG. 55 is a left side elevation view thereof;  
 FIG. 56 is a right side elevation view thereof;

FIG. **57** is a top plan view thereof;

FIG. **58** is a bottom plan view thereof; and,

FIG. **59** is a rear perspective view thereof.

The dashed broken lines in the drawings depict portions of the mobile phone that form no part of the claimed design.

The dot-dot-dash broken lines encircling portions of the claimed design in FIGS. **8**, **17**, and **26** that are illustrated in enlarged views in FIGS. **9**, **18**, and **27**, respectively, form no part of the claimed design.

**1 Claim, 52 Drawing Sheets**

FIG. 1

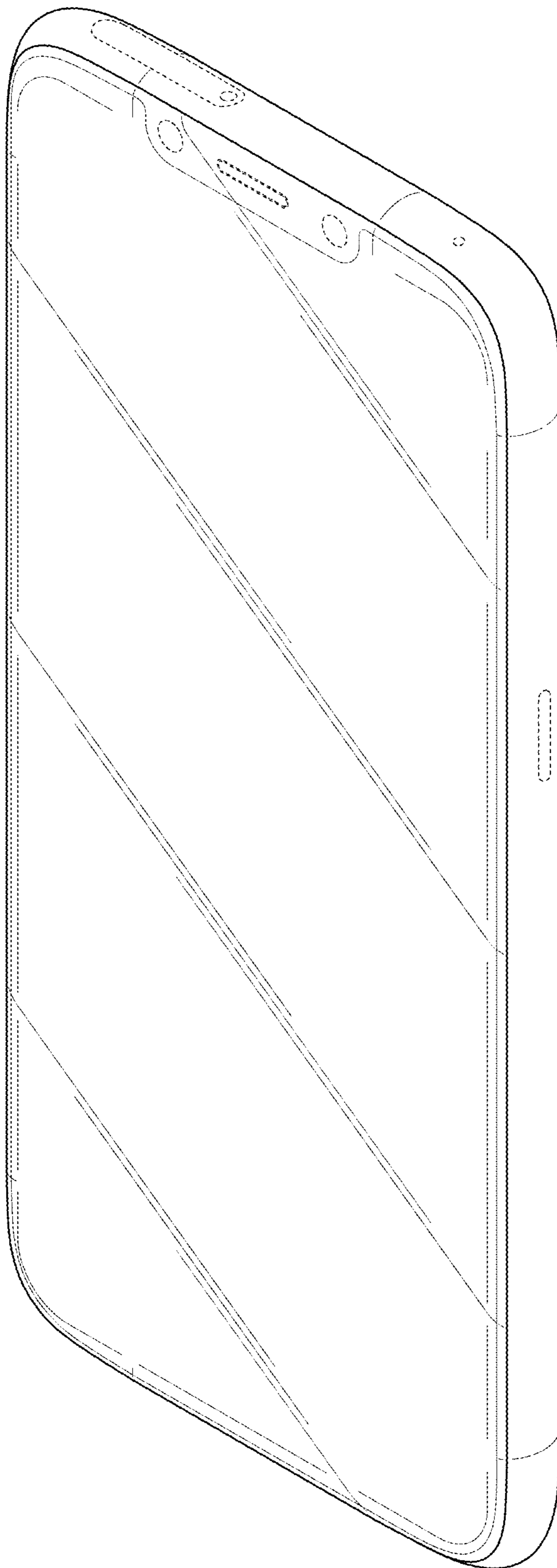


FIG. 2

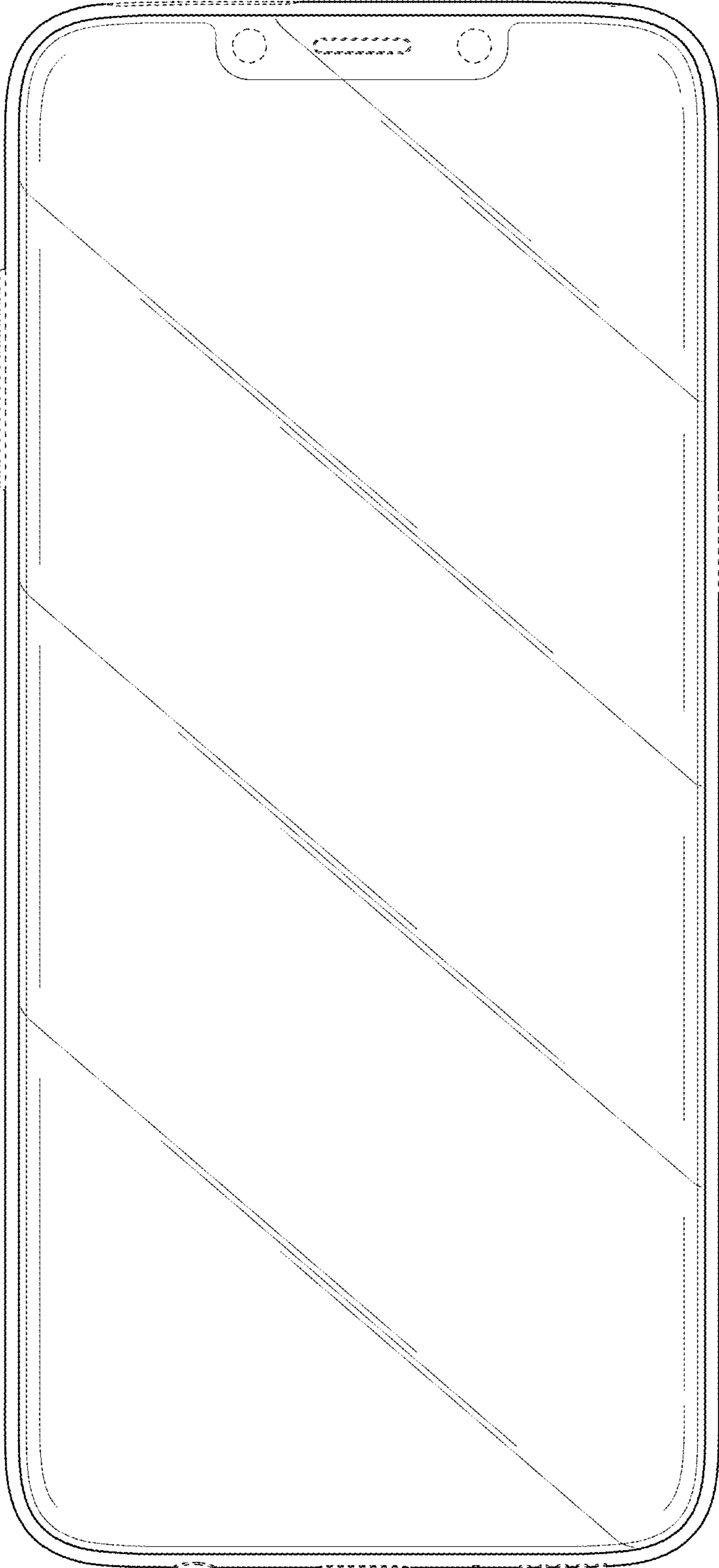


FIG. 3

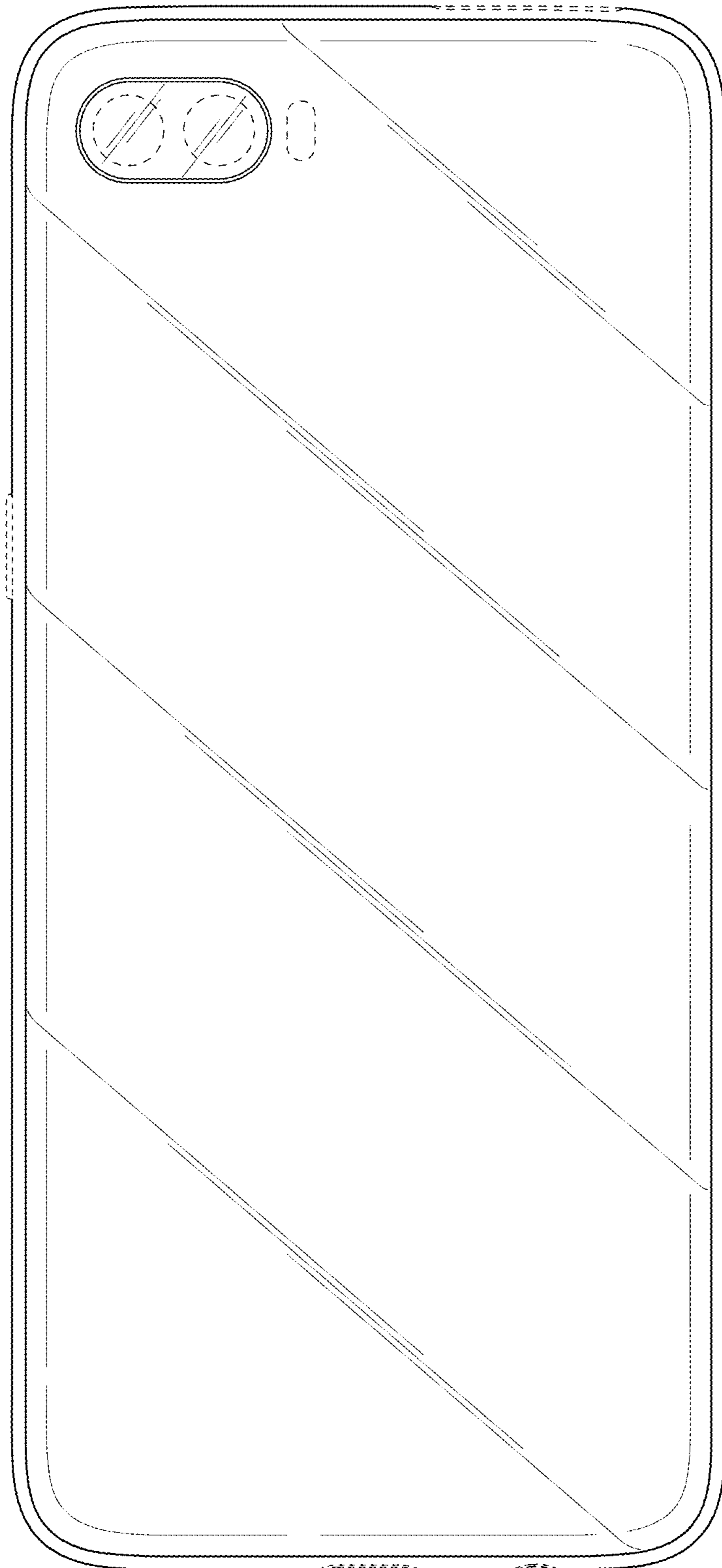


FIG. 4

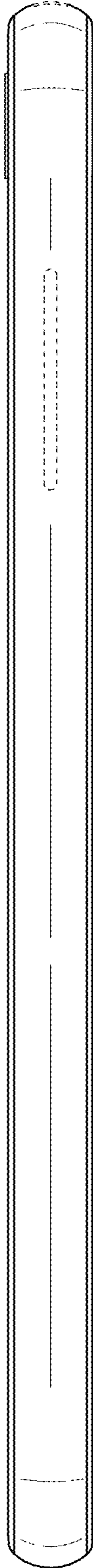


FIG. 5

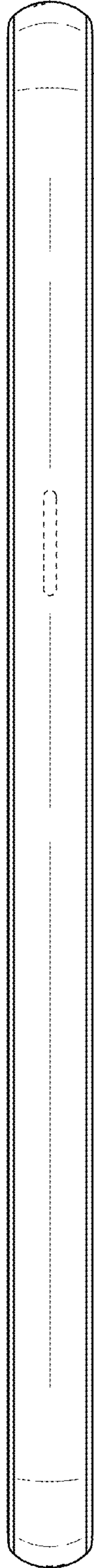




FIG. 6

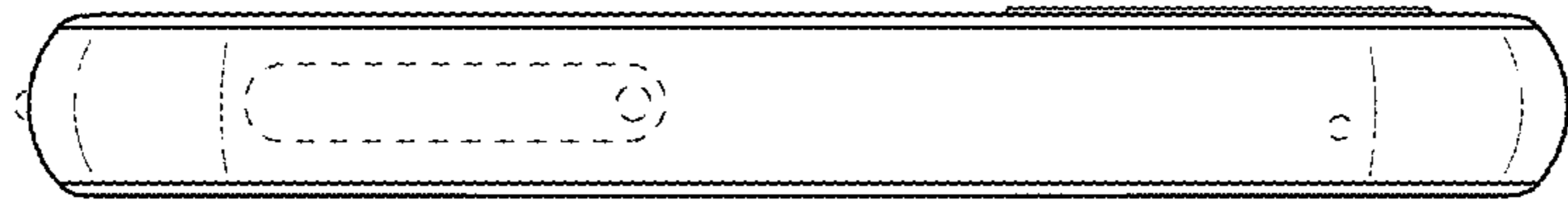


FIG. 7

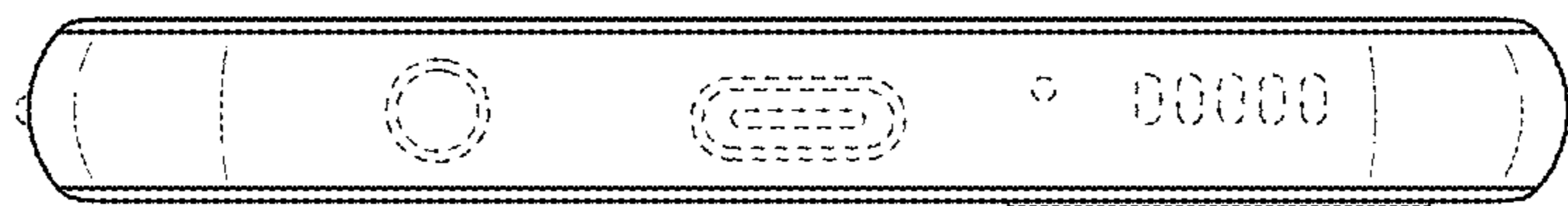
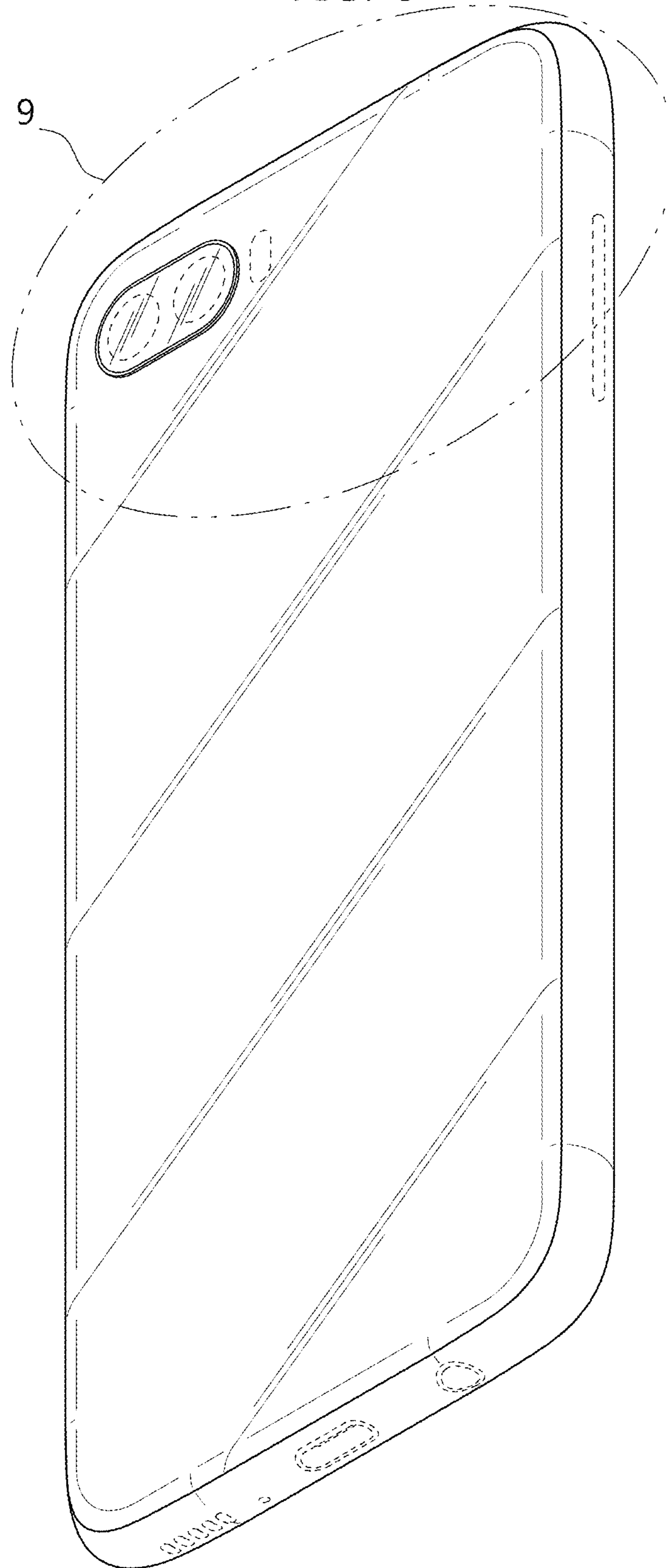


FIG. 8



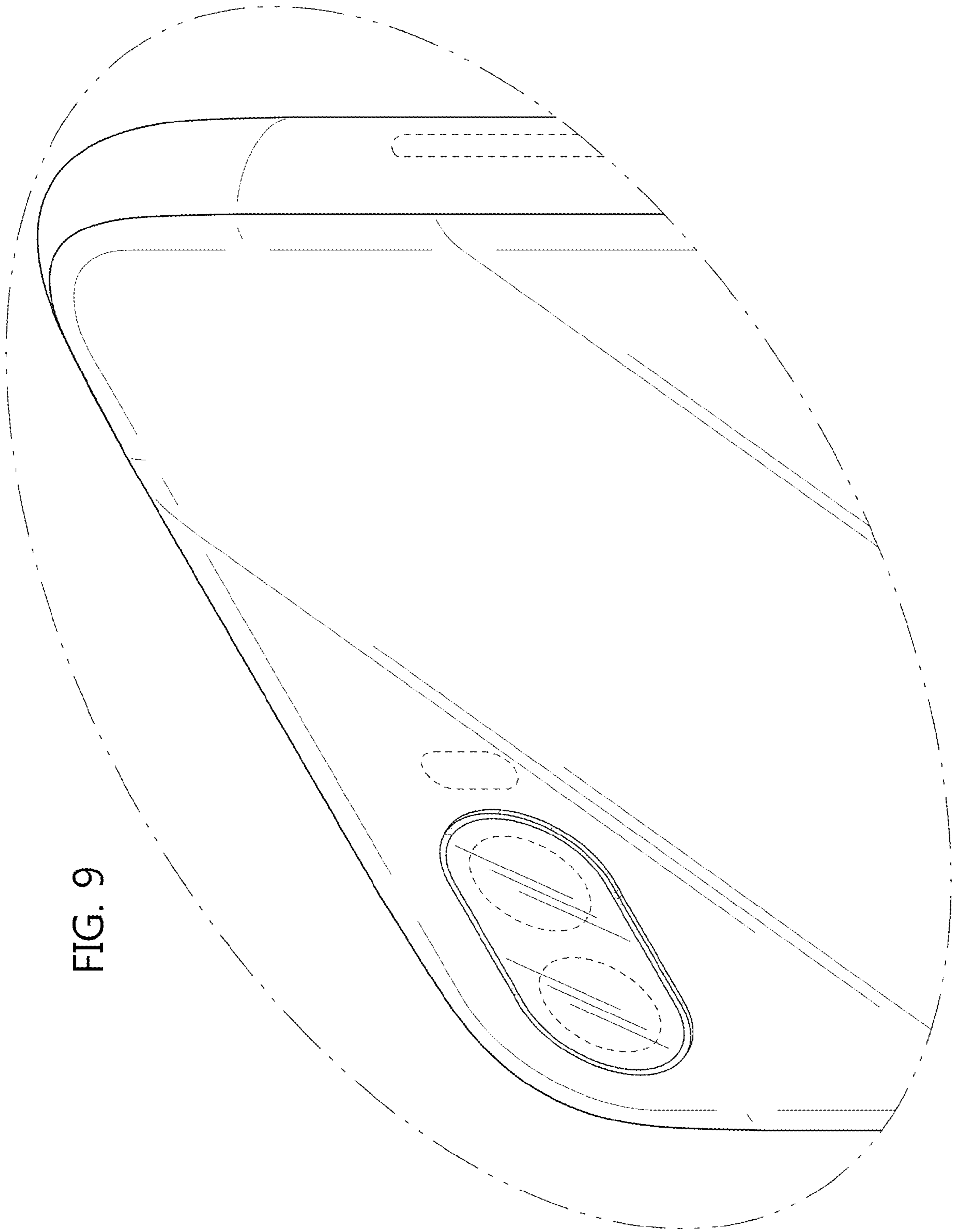


FIG. 9

FIG. 10

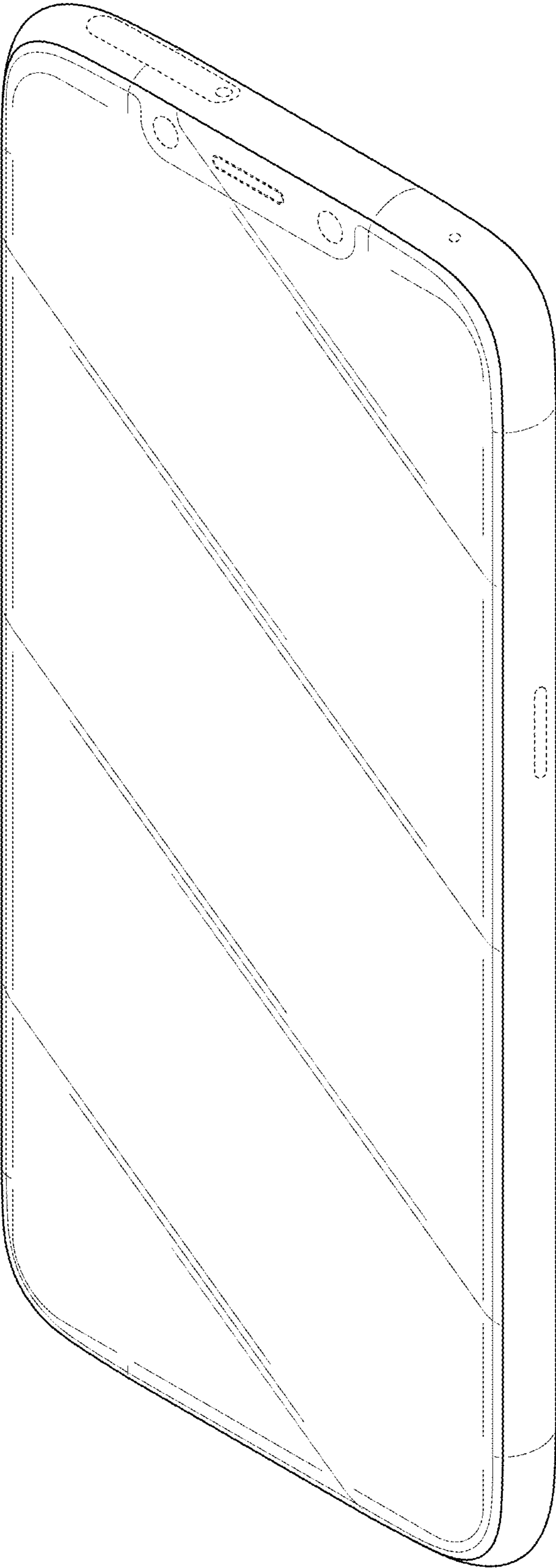


FIG. 11

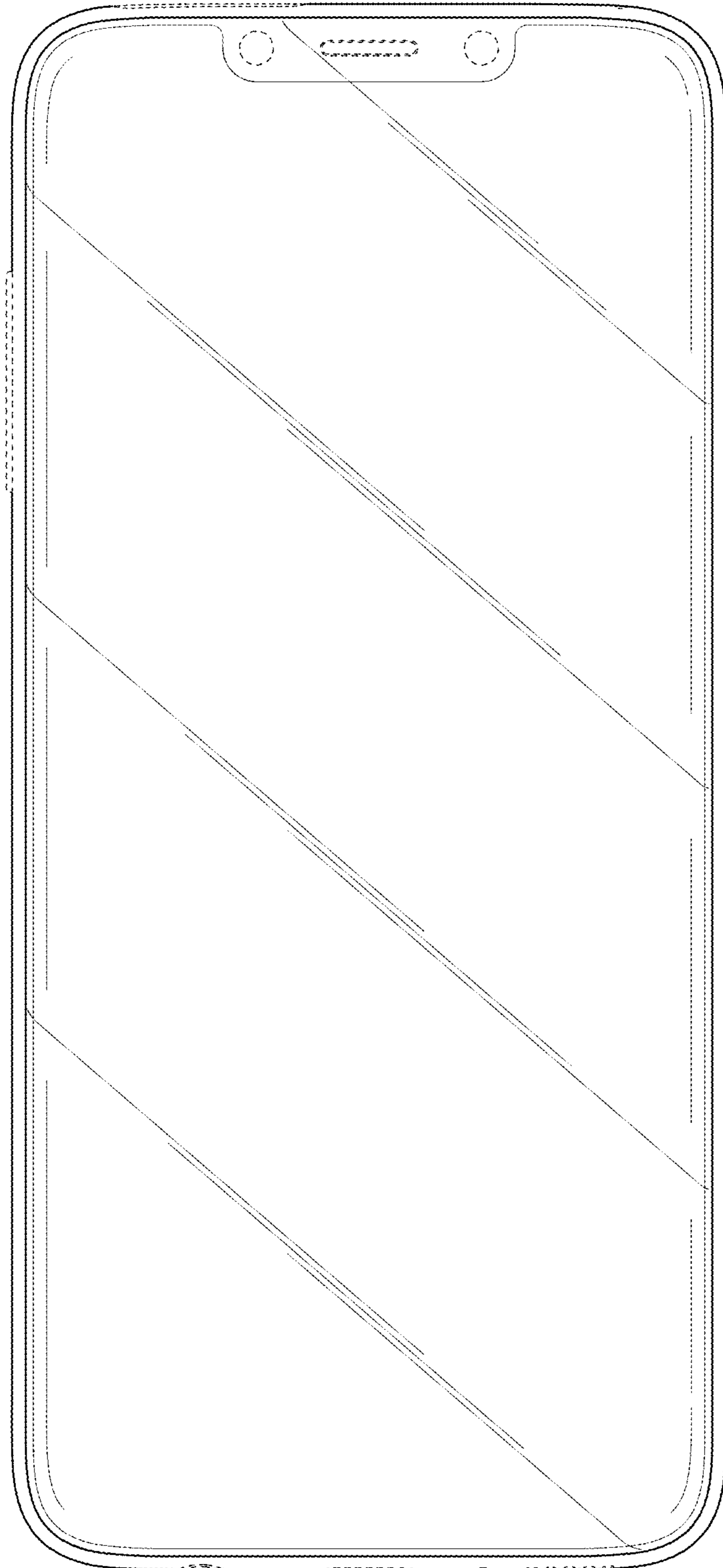


FIG. 12

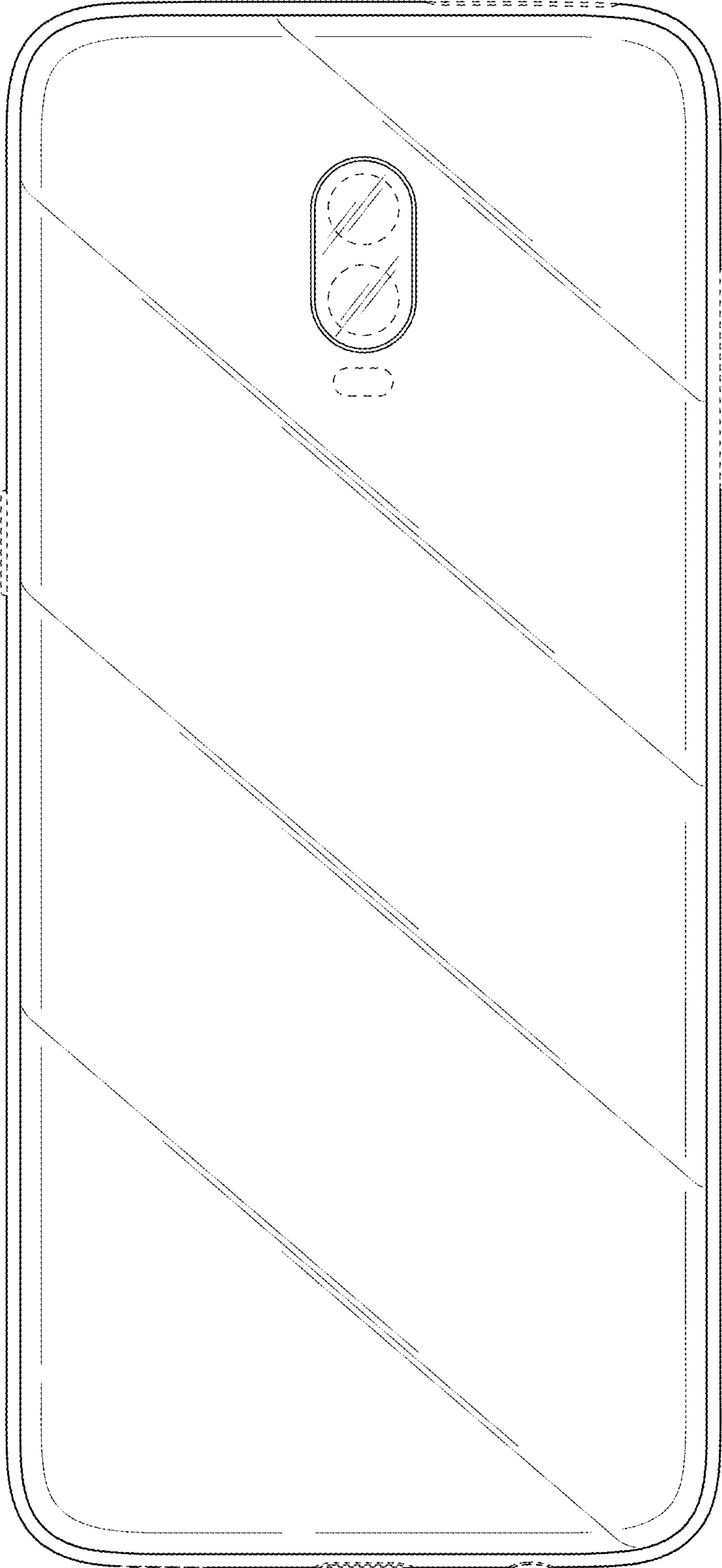


FIG. 13

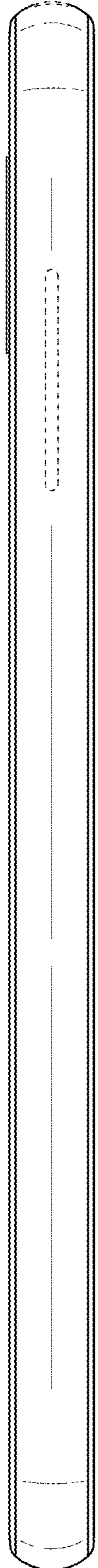


FIG. 14

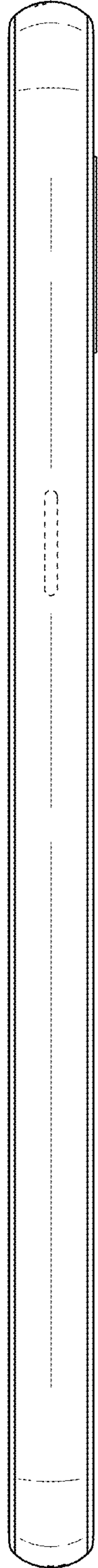




FIG. 15



FIG. 16

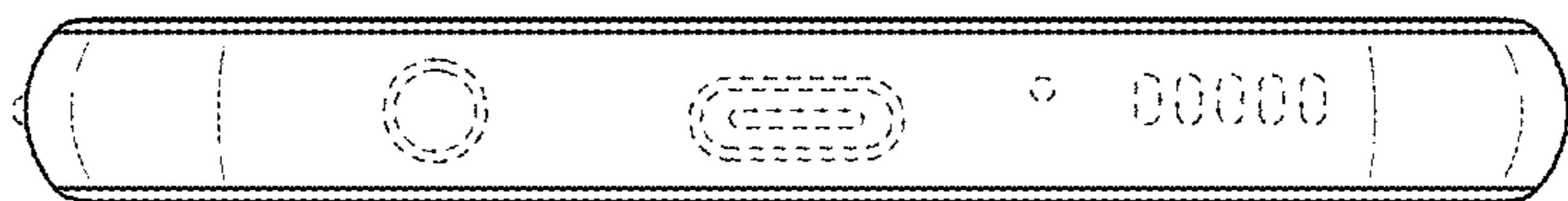
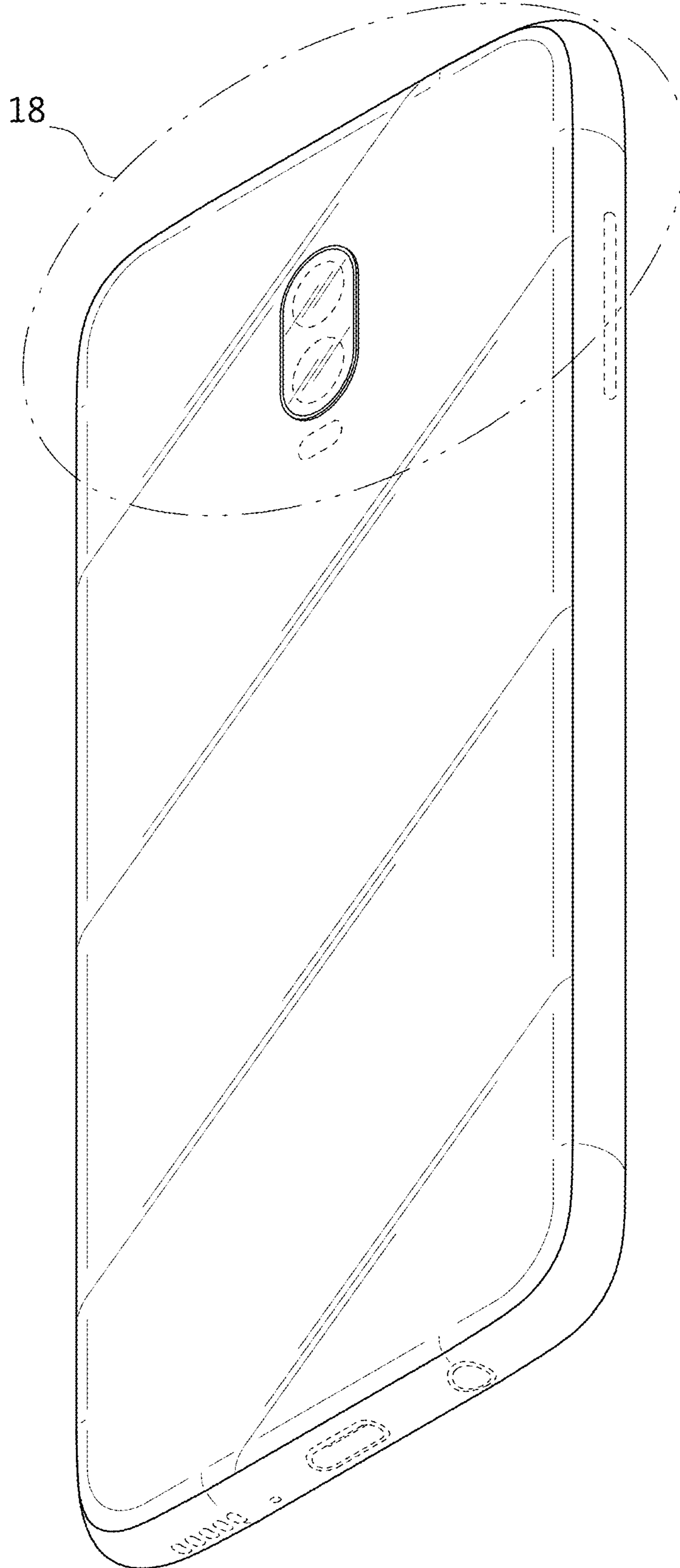


FIG. 17



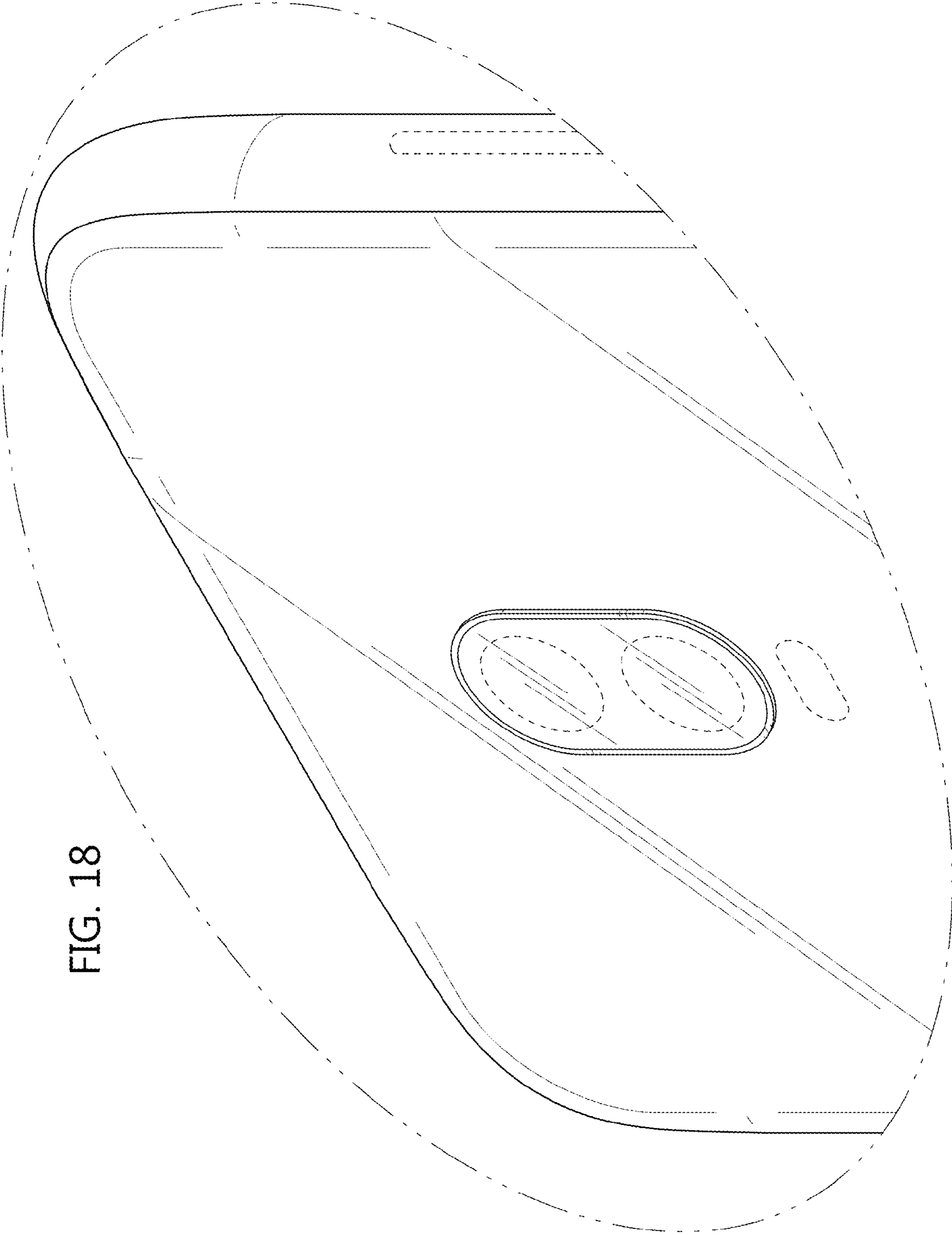


FIG. 18

FIG. 19

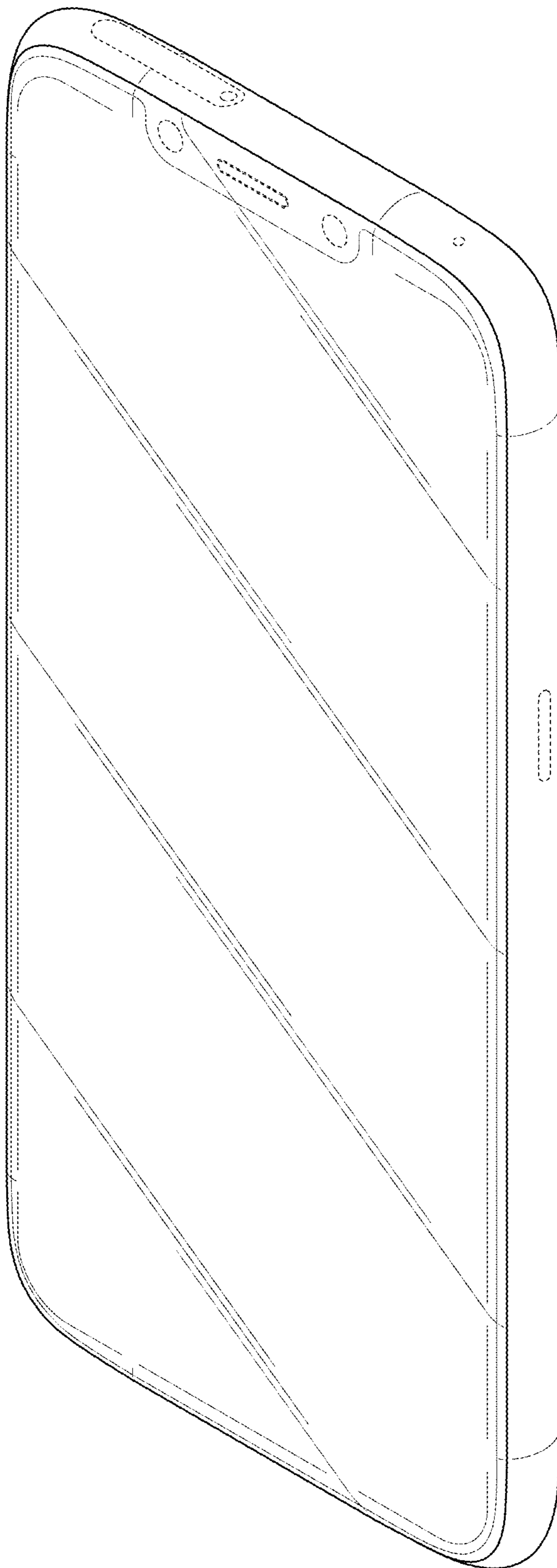


FIG. 20

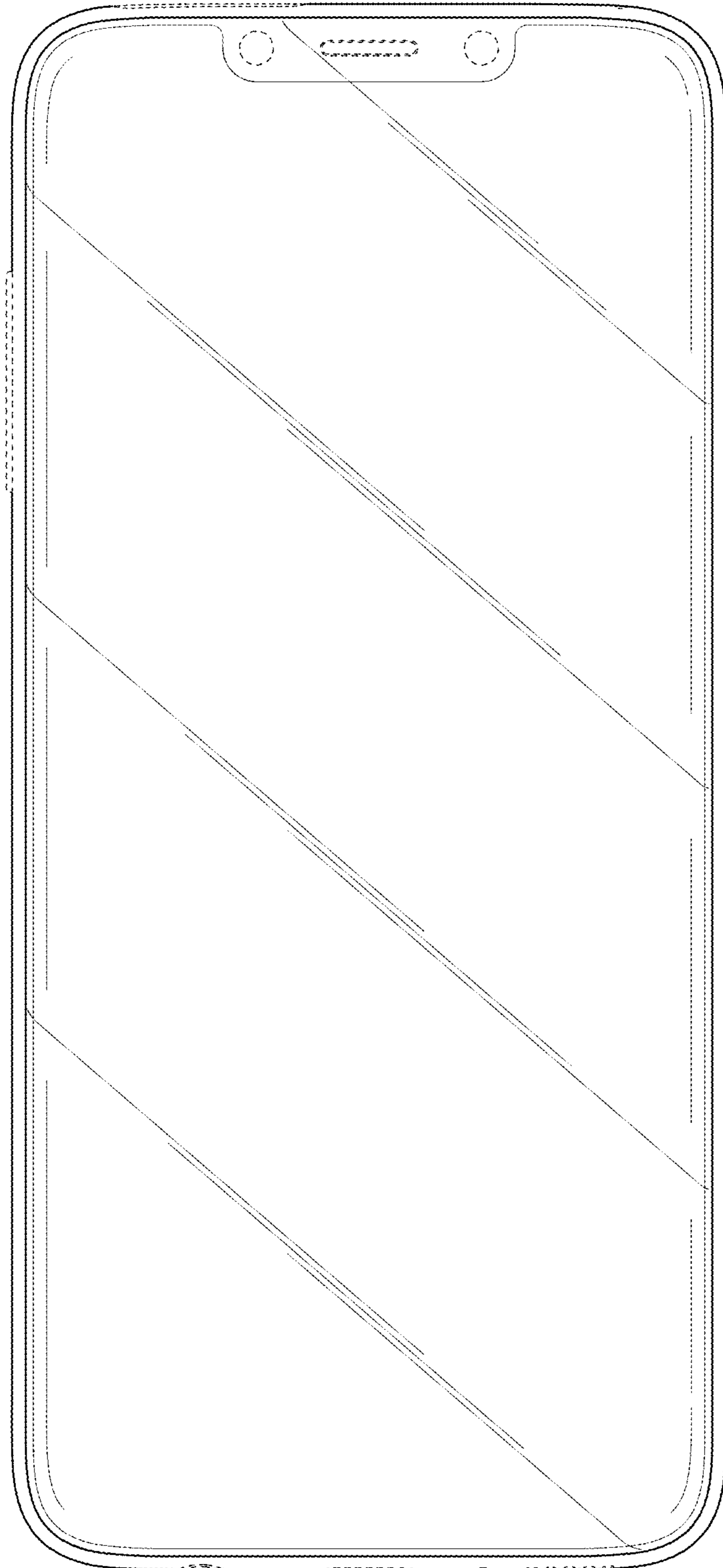


FIG. 21

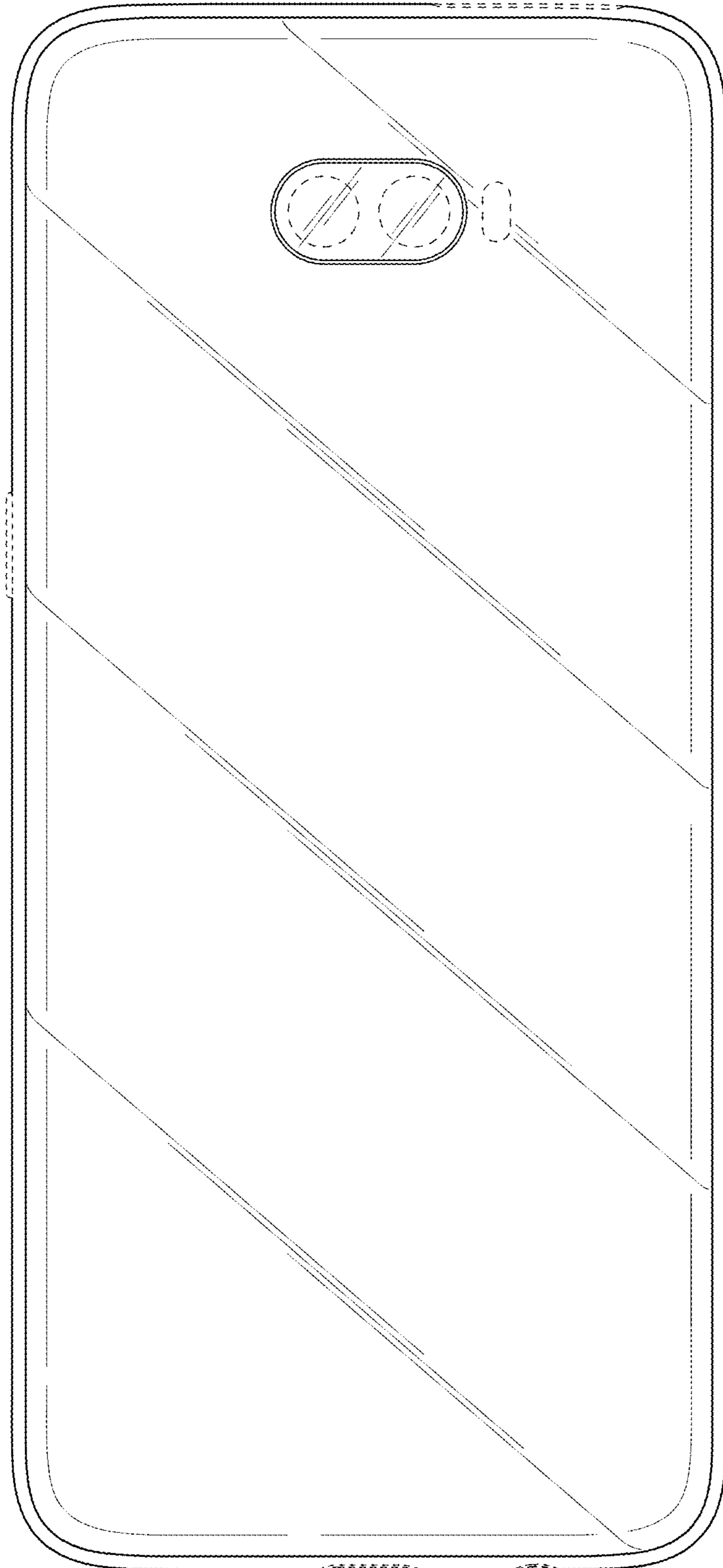


FIG. 22

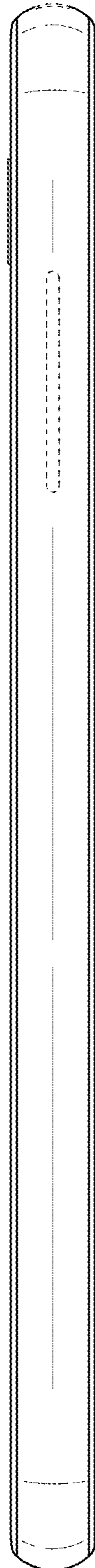


FIG. 23

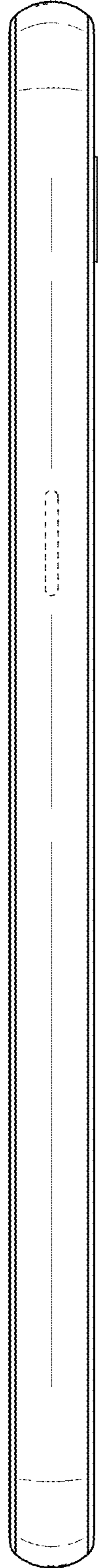




FIG. 24



FIG. 25

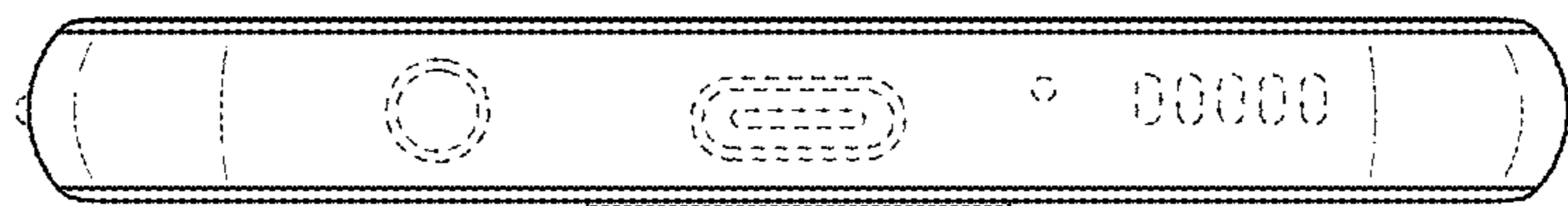
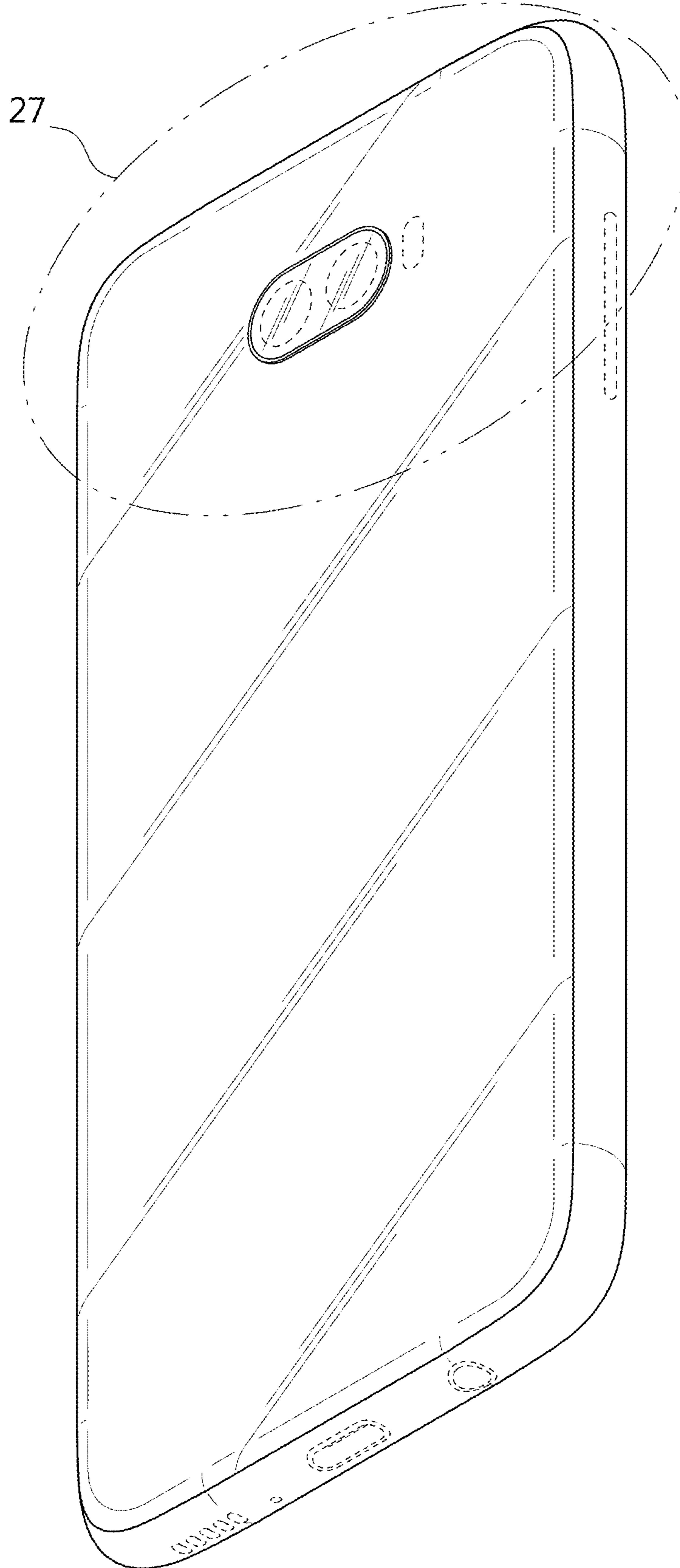


FIG. 26



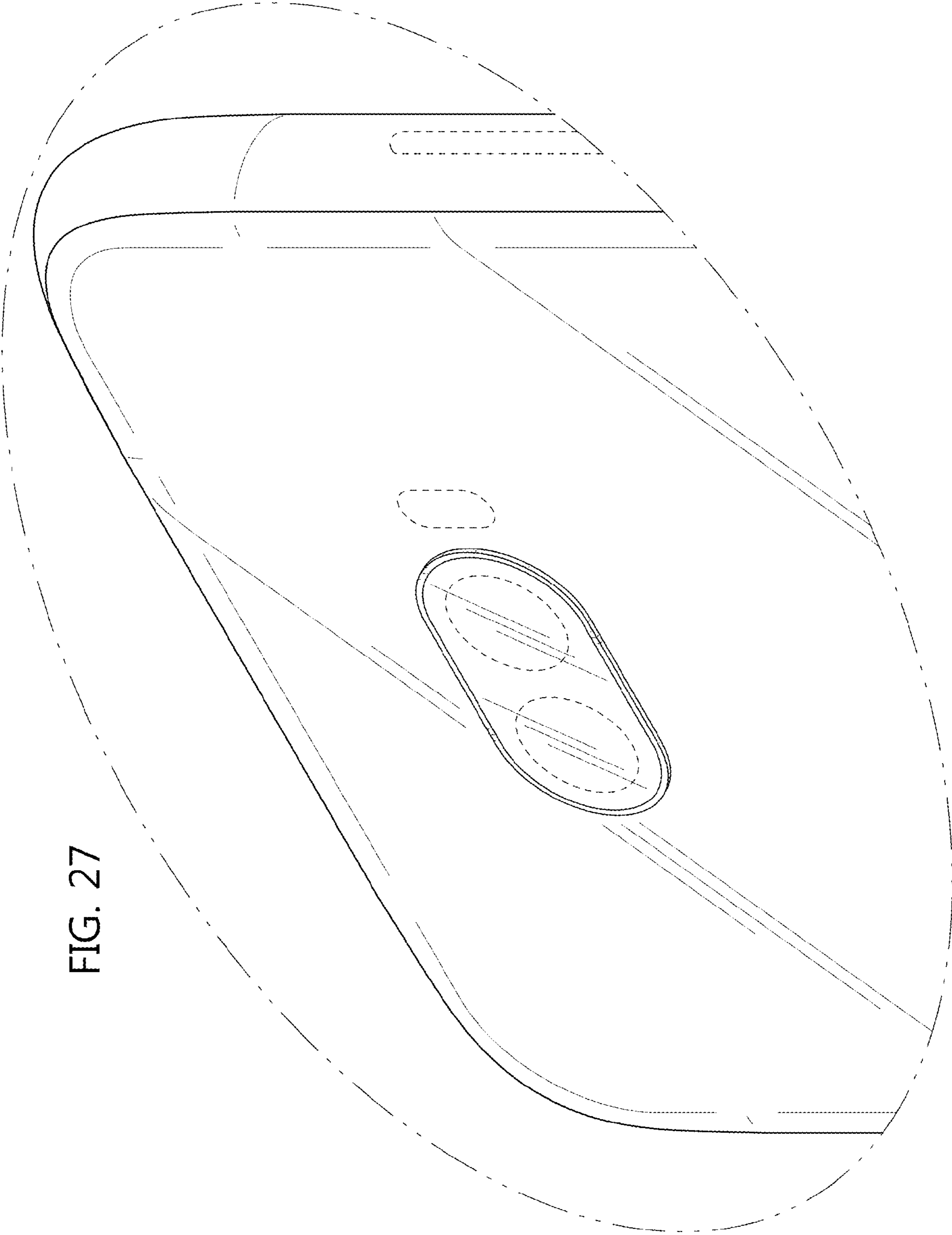


FIG. 27

FIG. 28

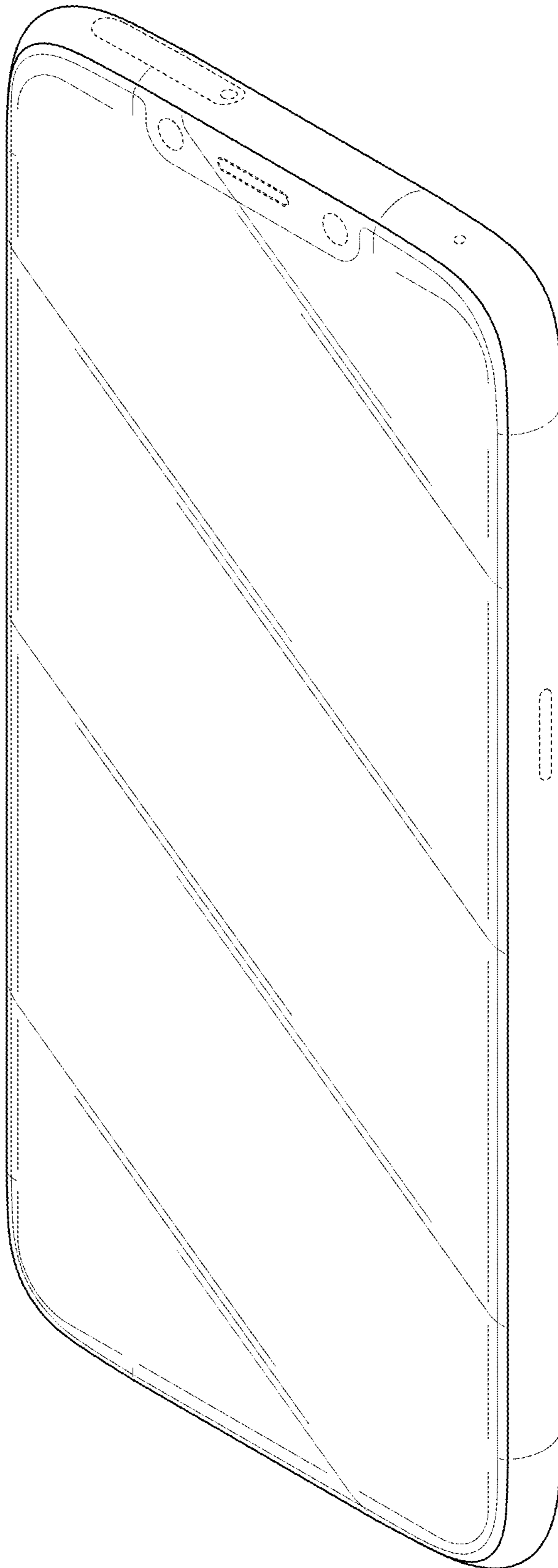


FIG. 29

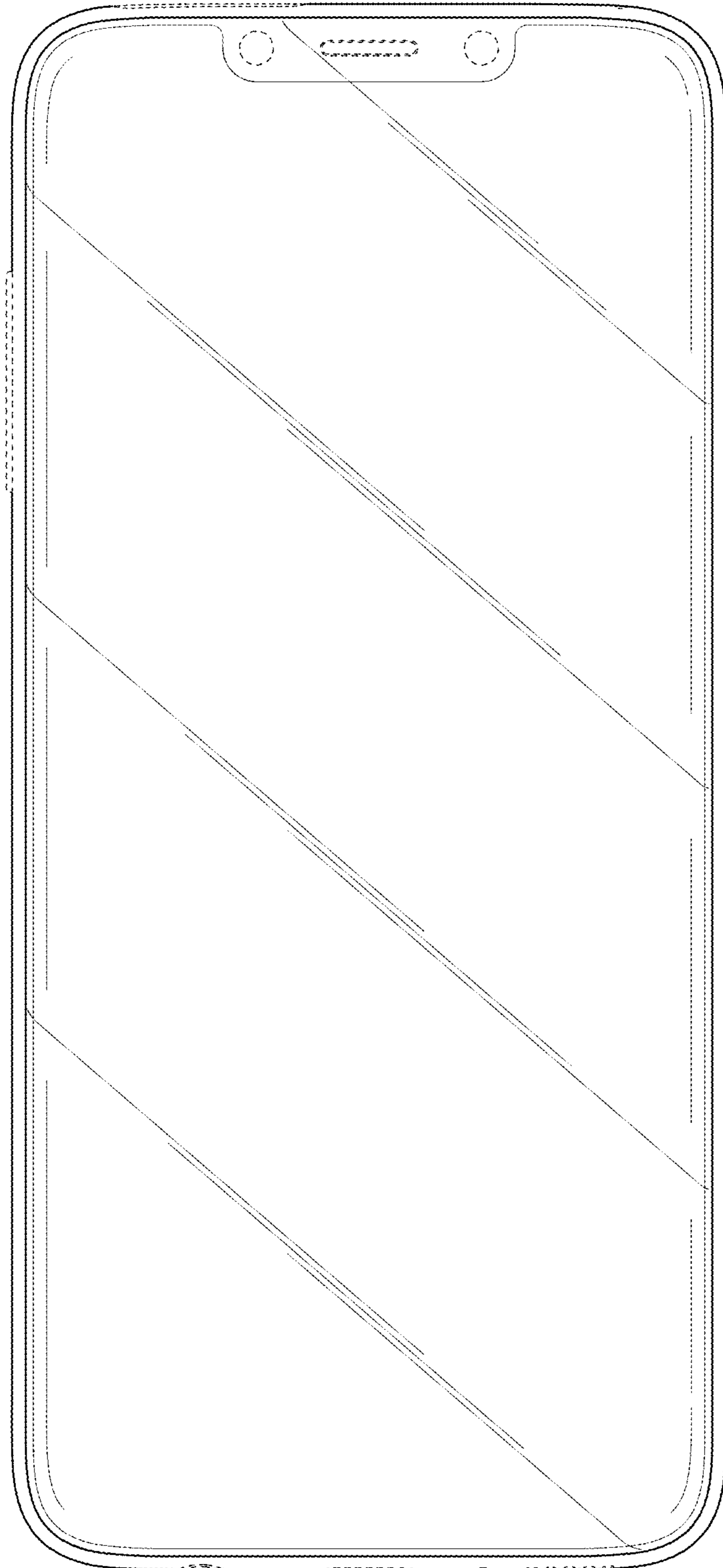


FIG. 30

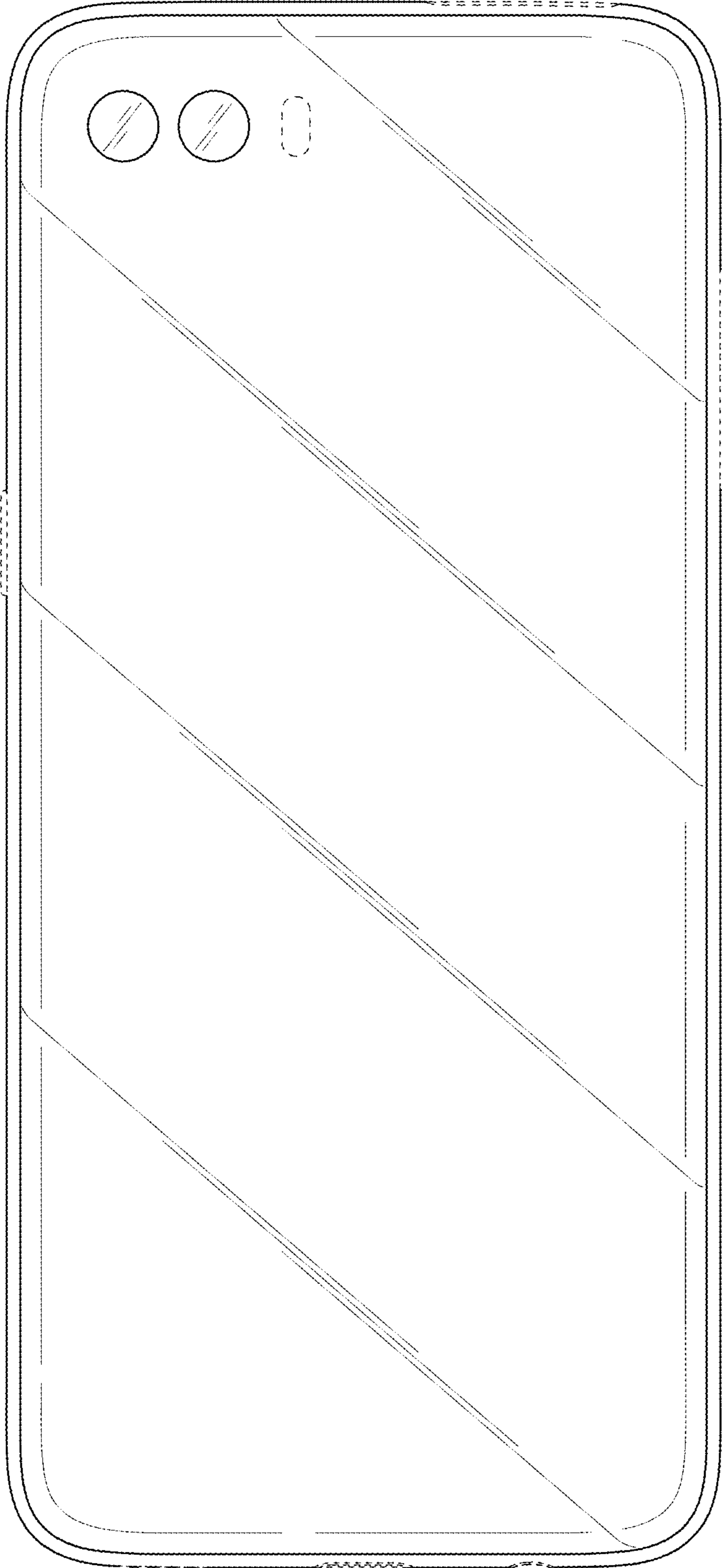


FIG. 31

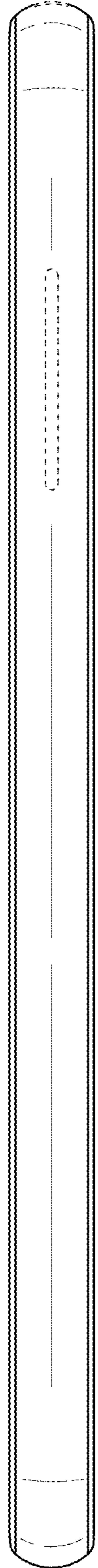


FIG. 32

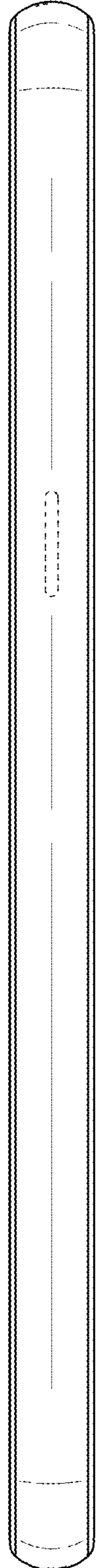




FIG. 33



FIG. 34

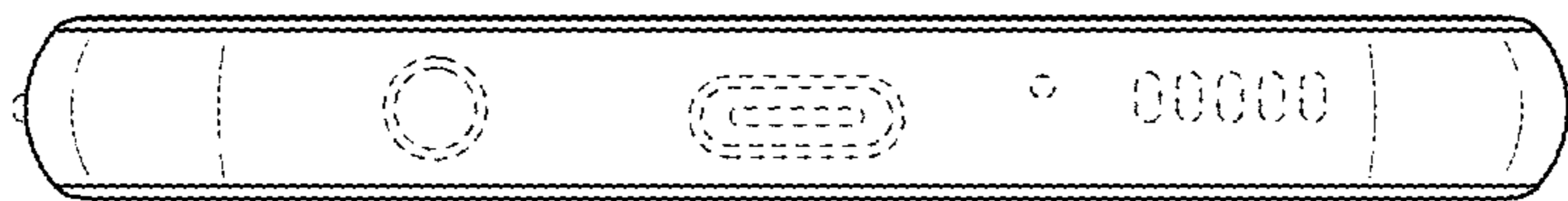


FIG. 35

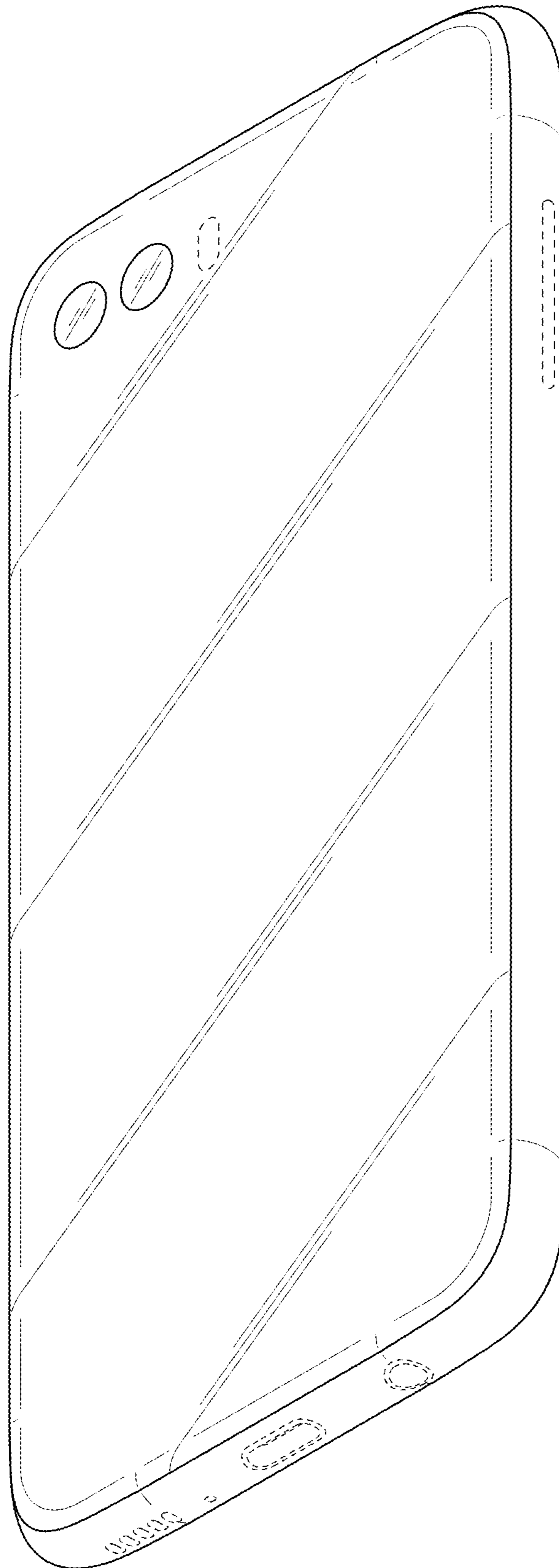


FIG. 36

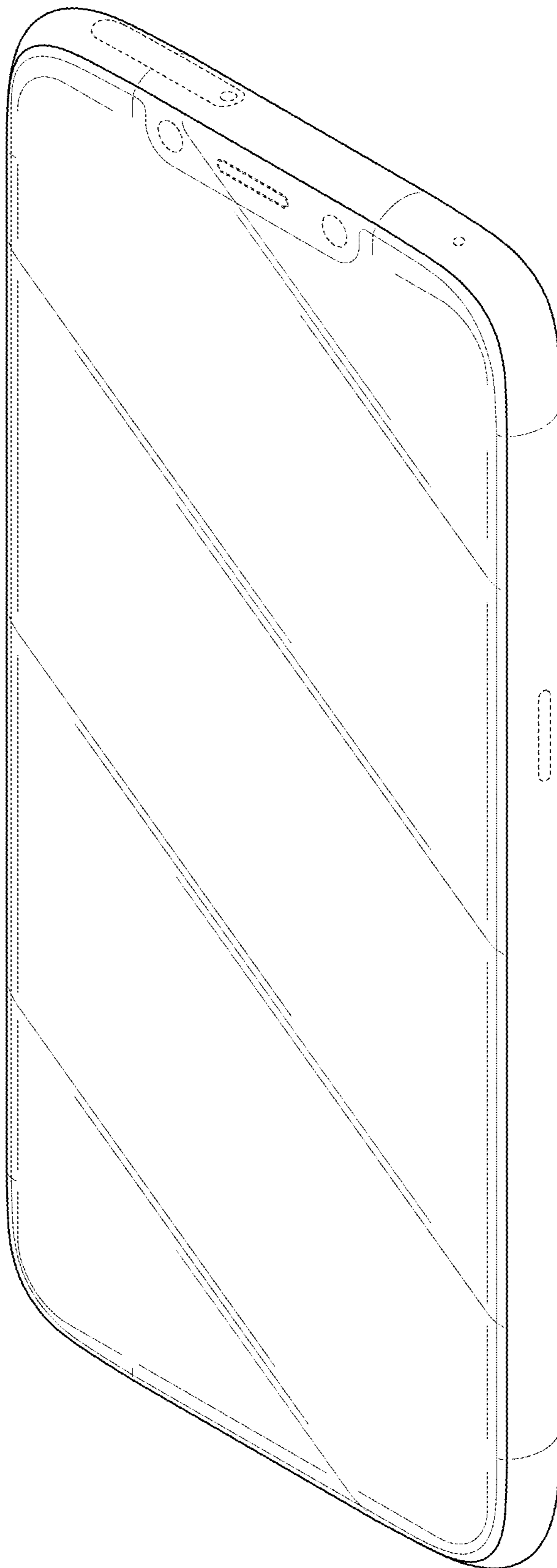


FIG. 37

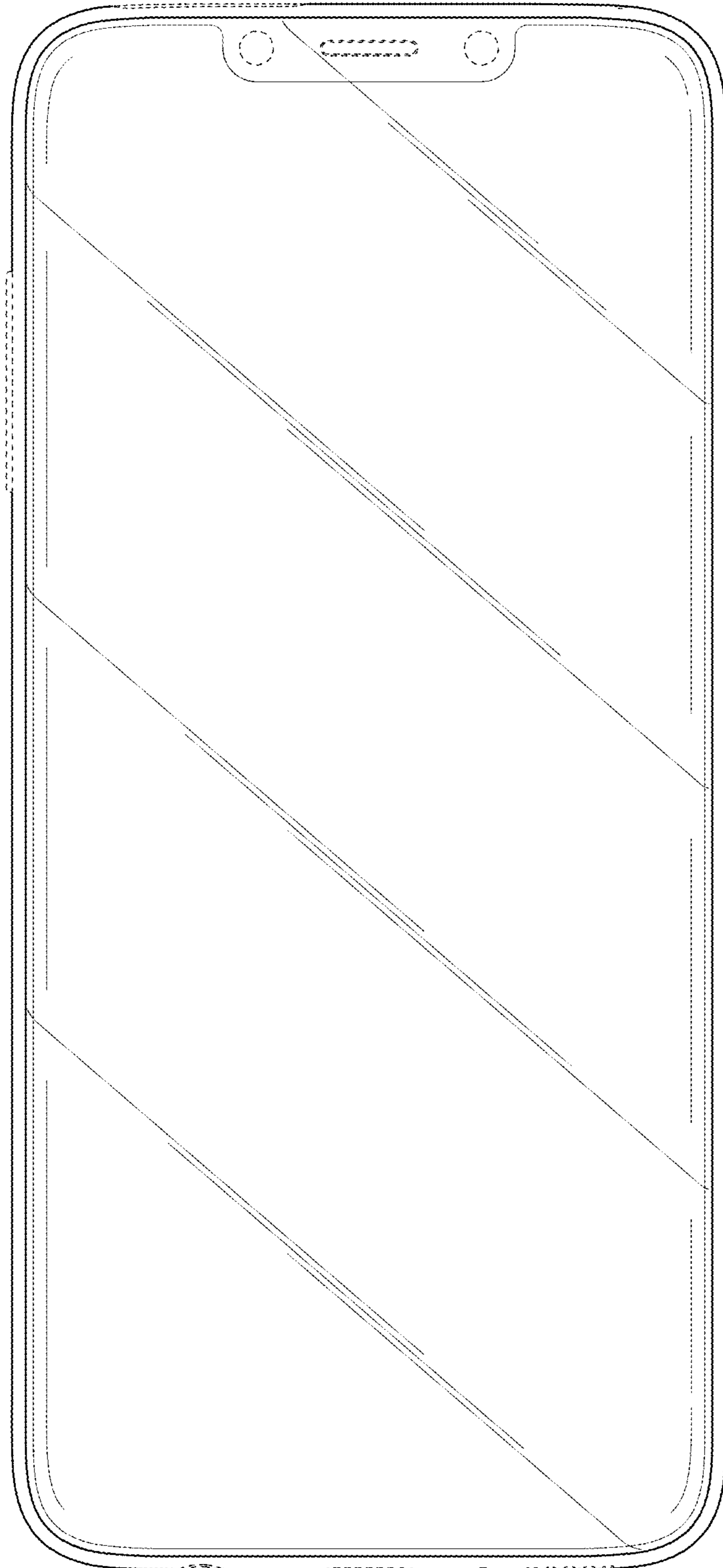


FIG. 38

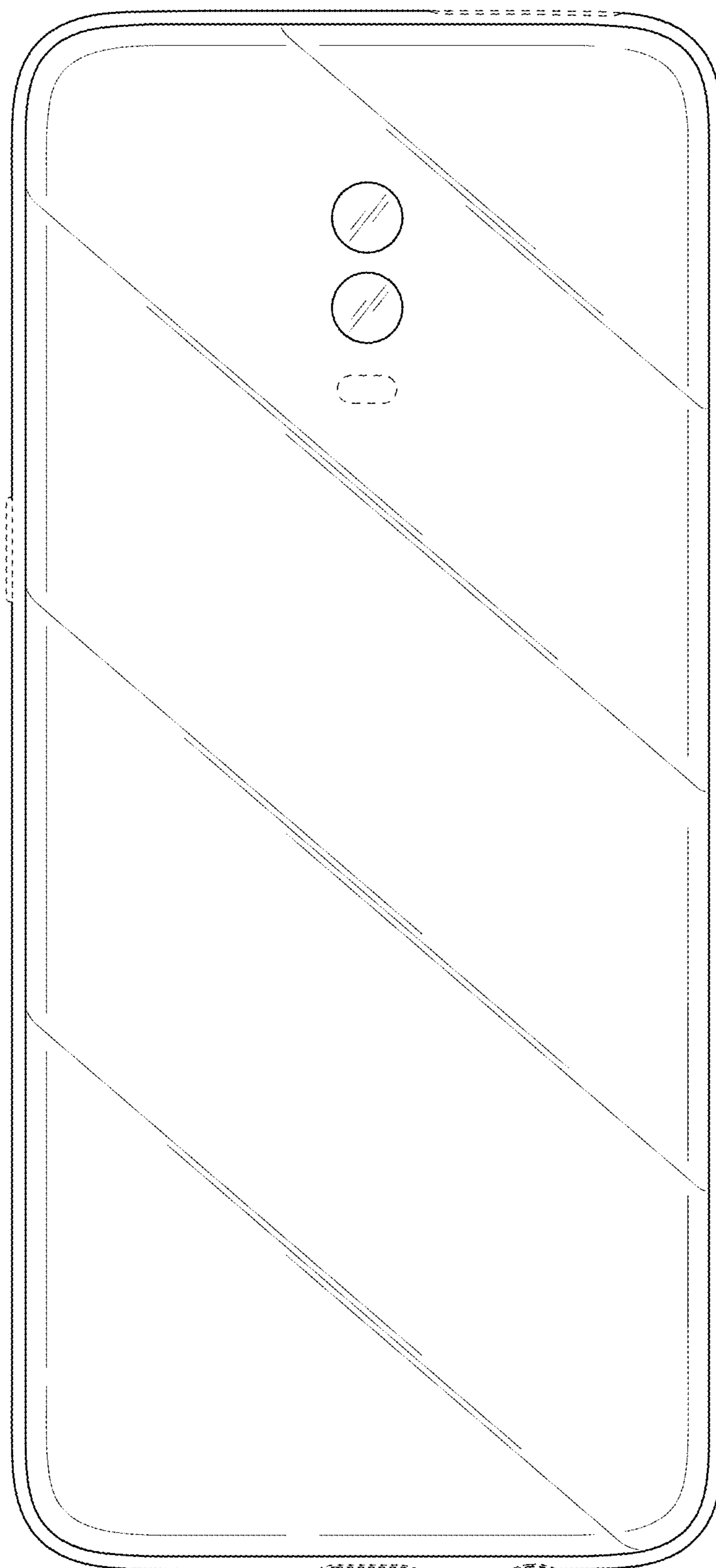


FIG. 39

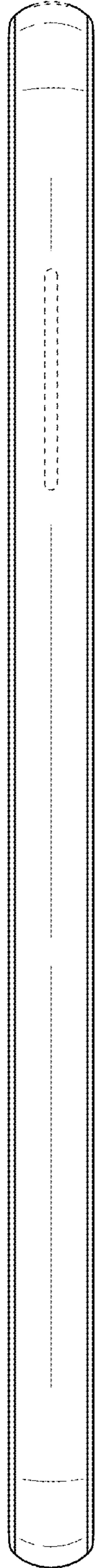


FIG. 40

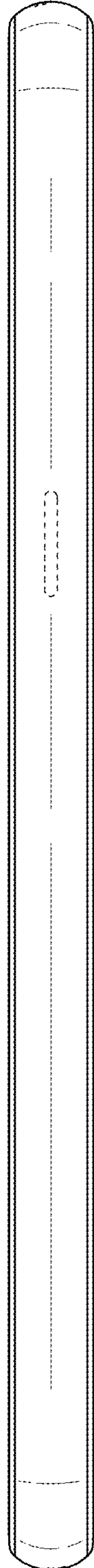


FIG. 41



FIG. 42

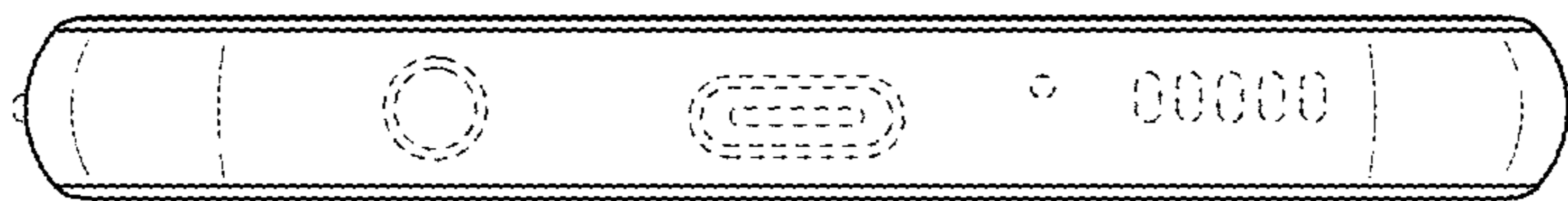




FIG. 43

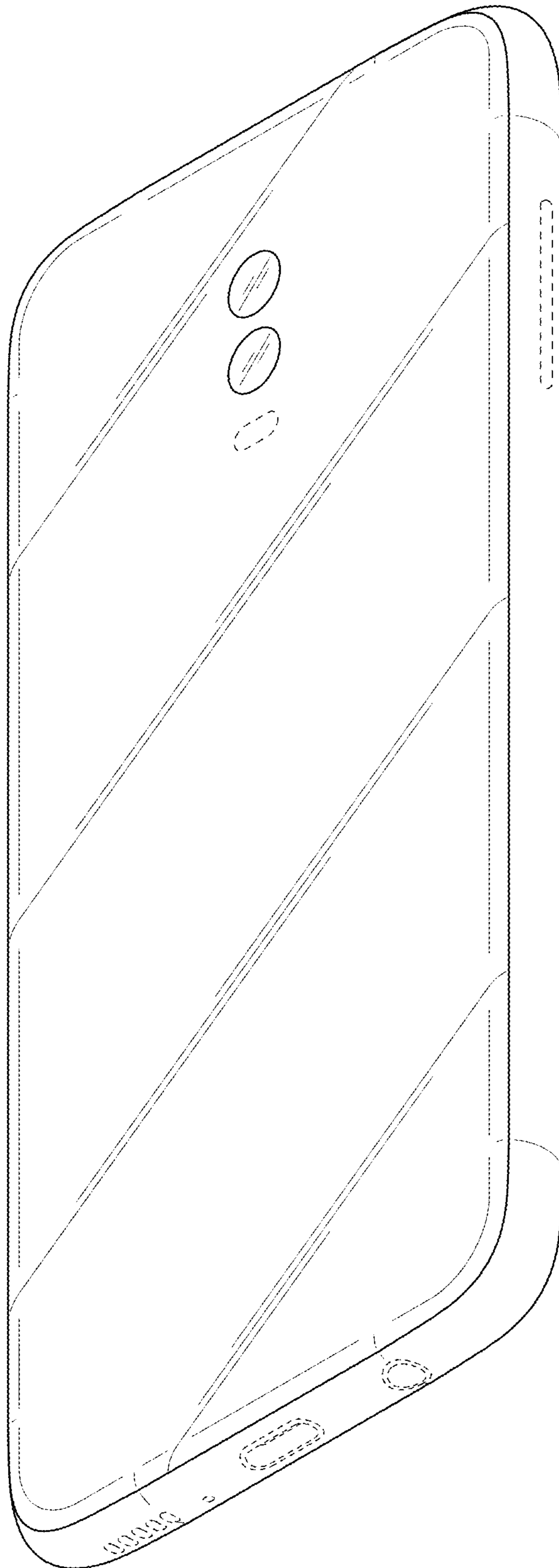


FIG. 44

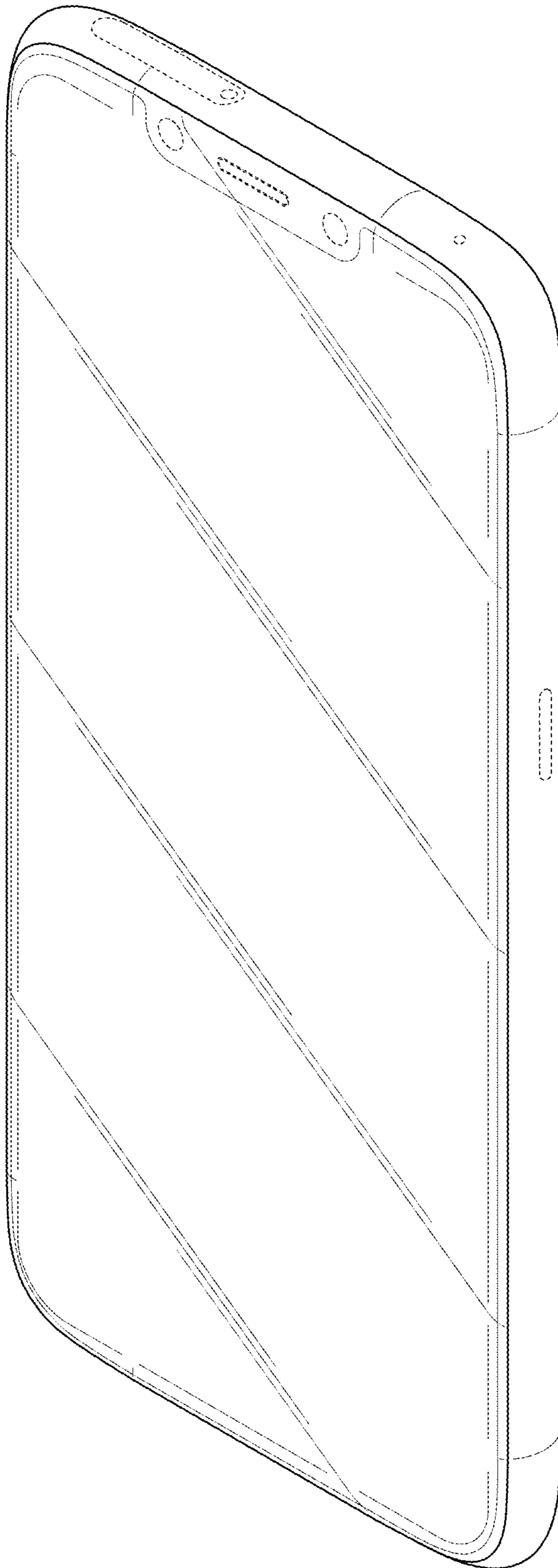


FIG. 45

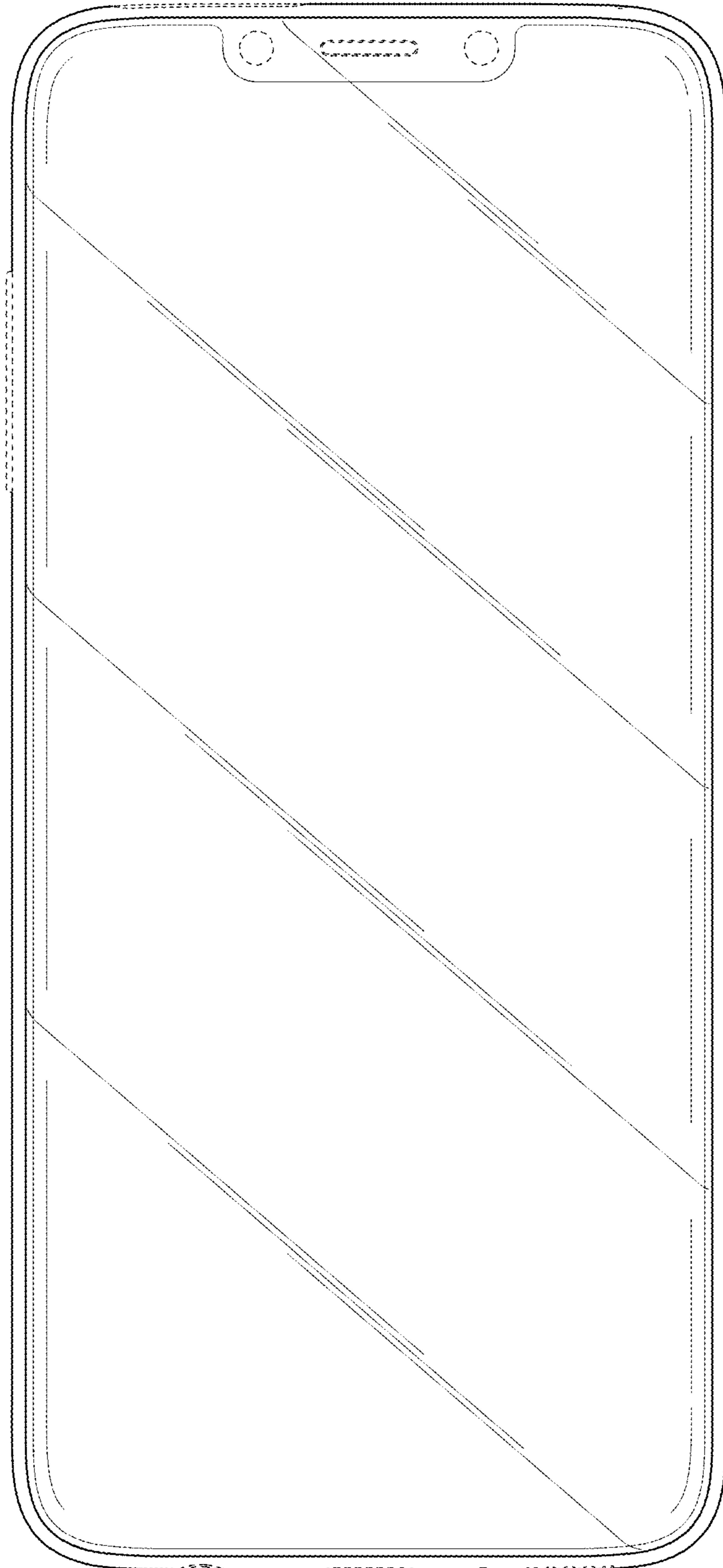


FIG. 46

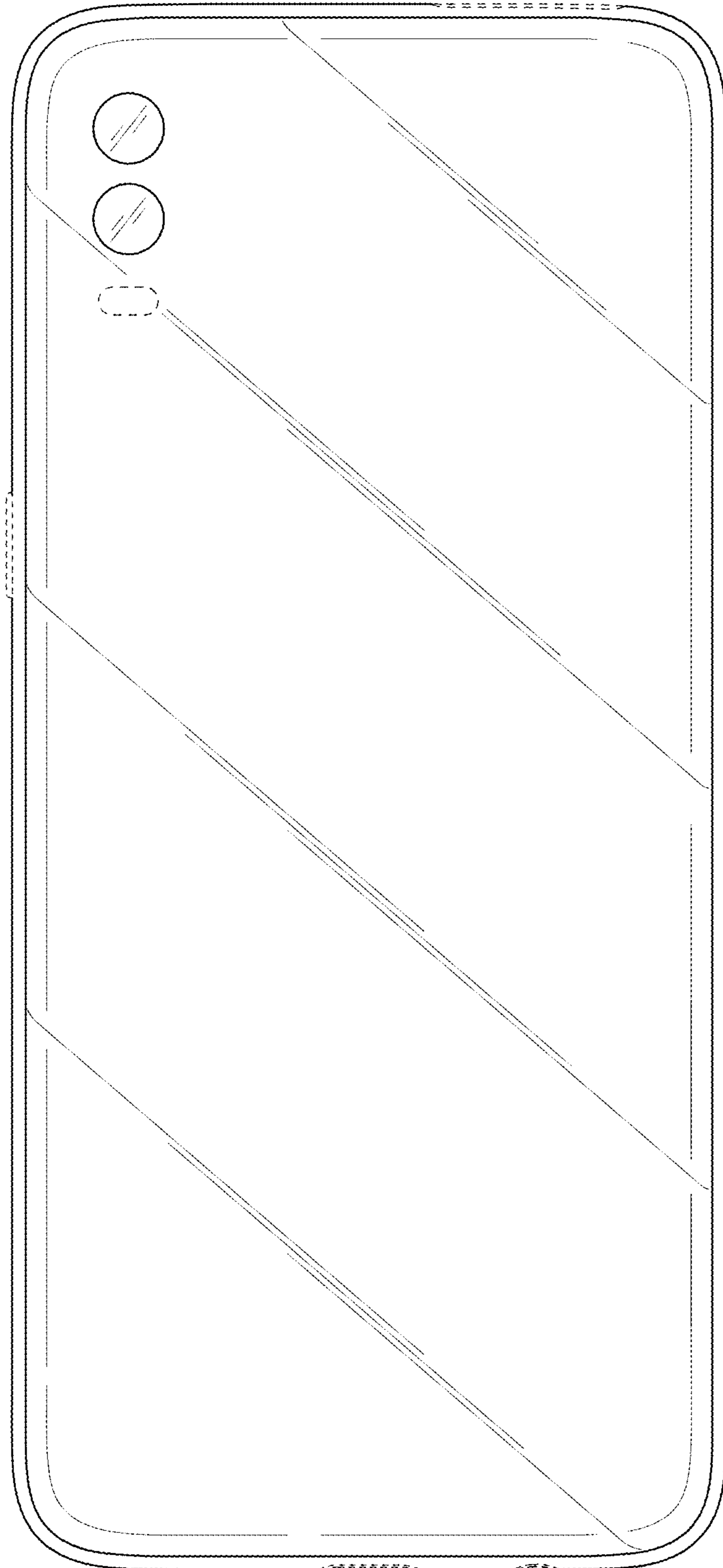


FIG. 47

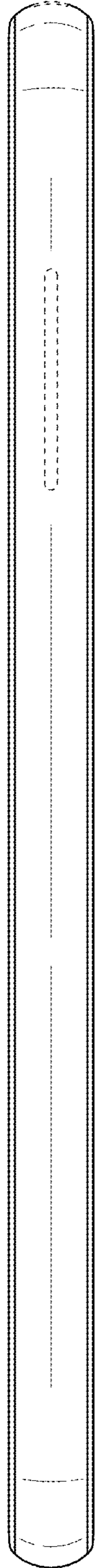


FIG. 48

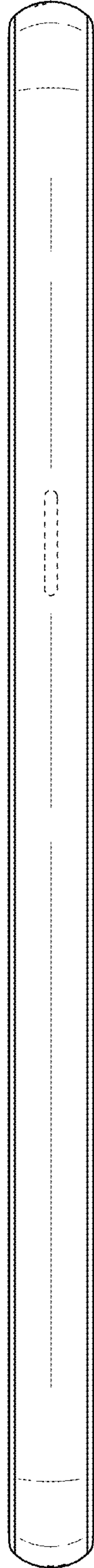


FIG. 49



FIG. 50

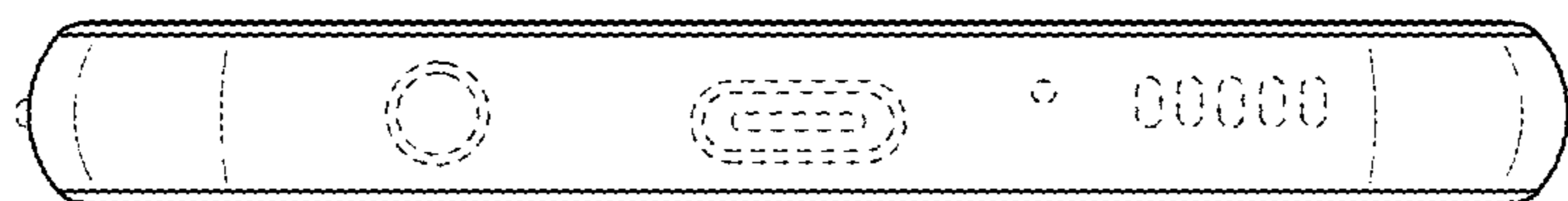


FIG. 51

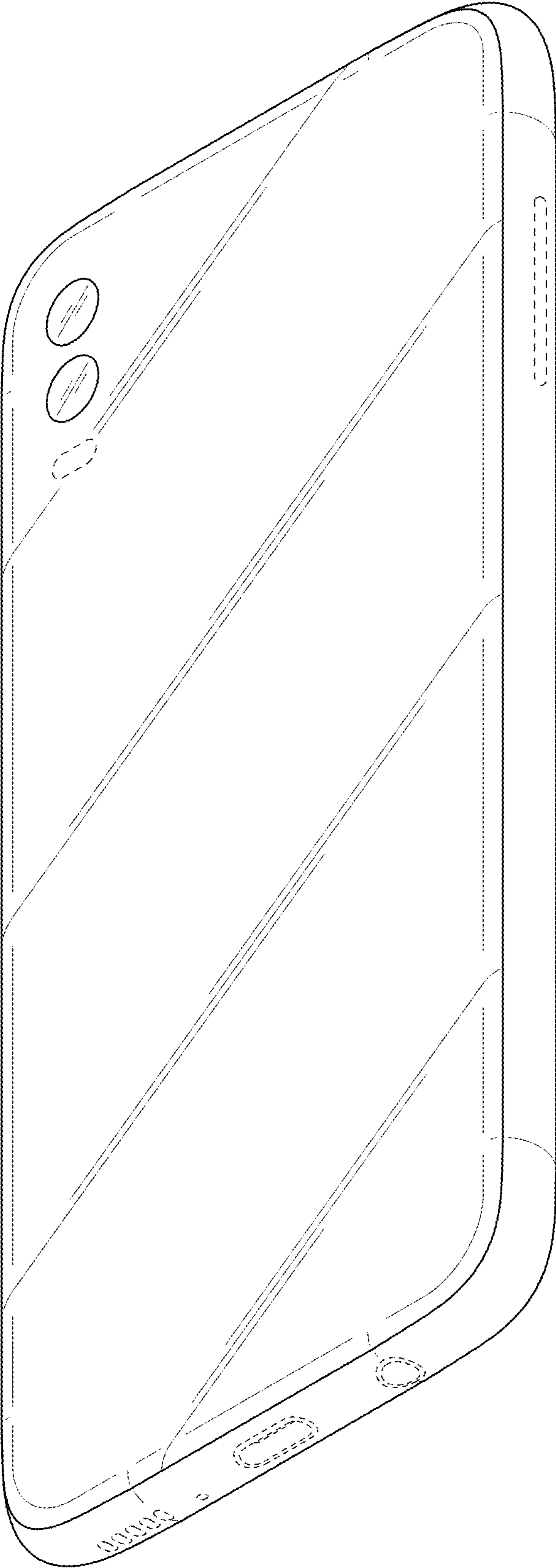




FIG. 52

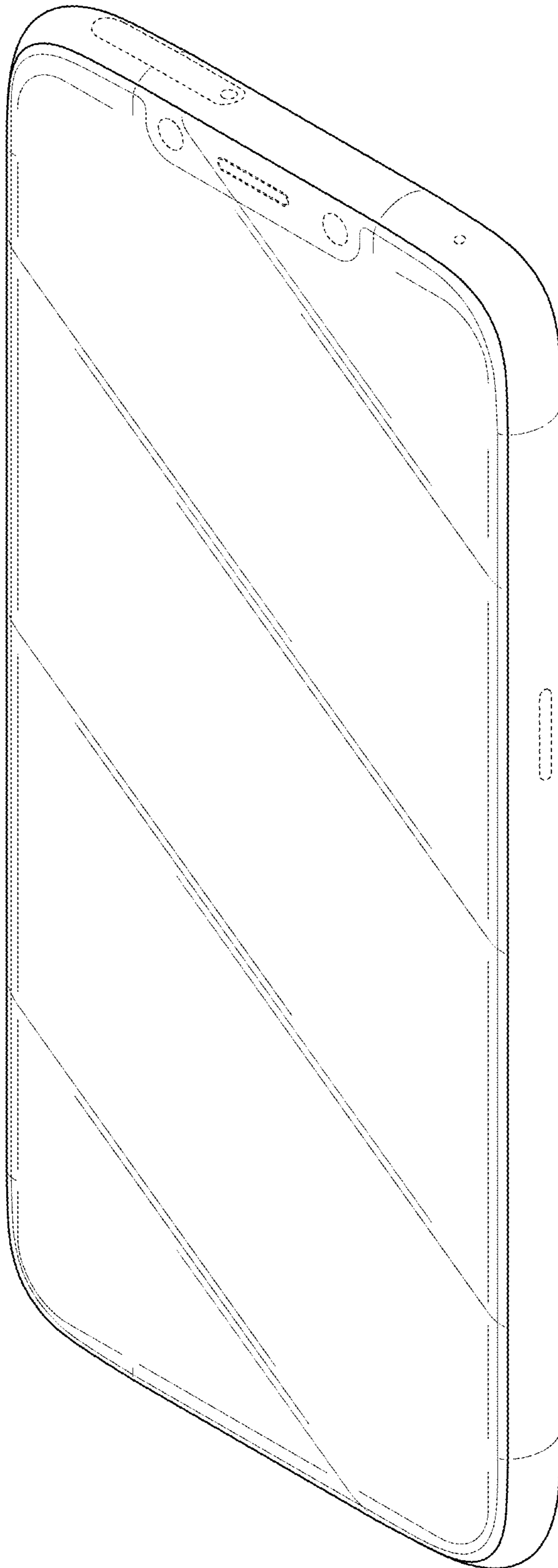


FIG. 53

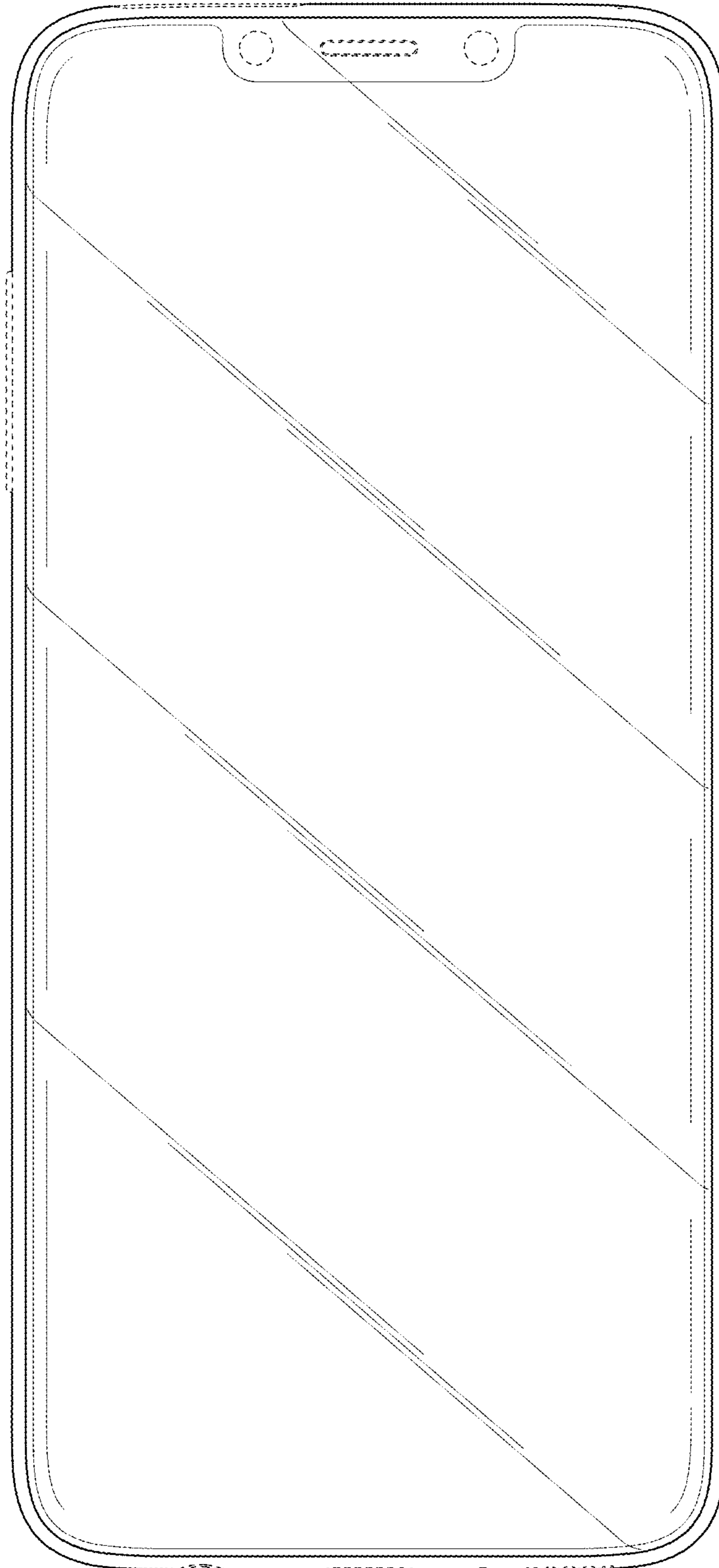


FIG. 54

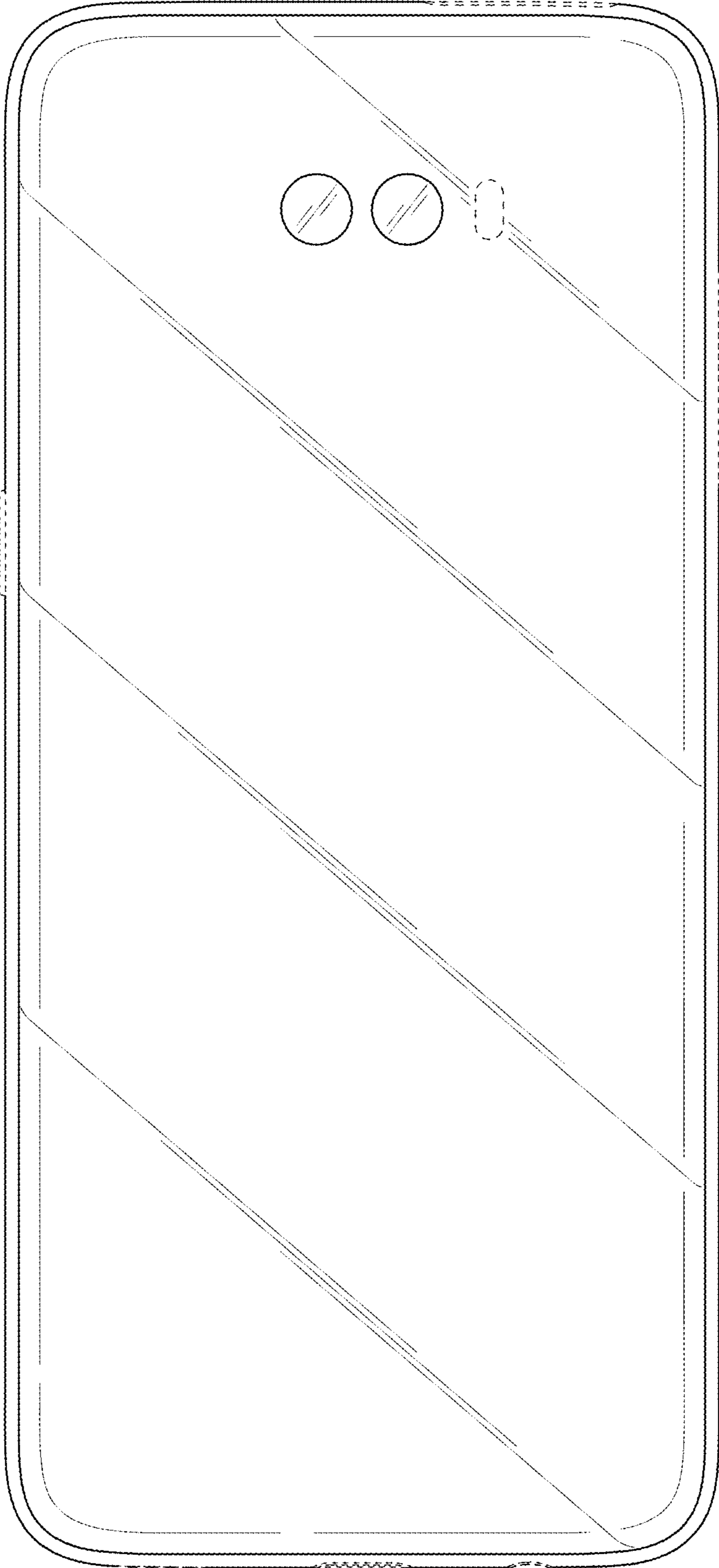


FIG. 55

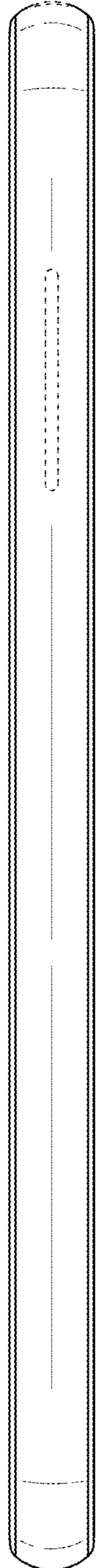


FIG. 56

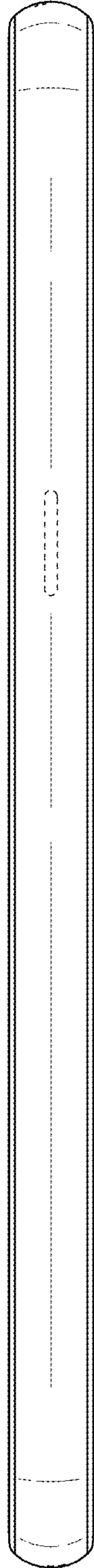


FIG. 57



FIG. 58

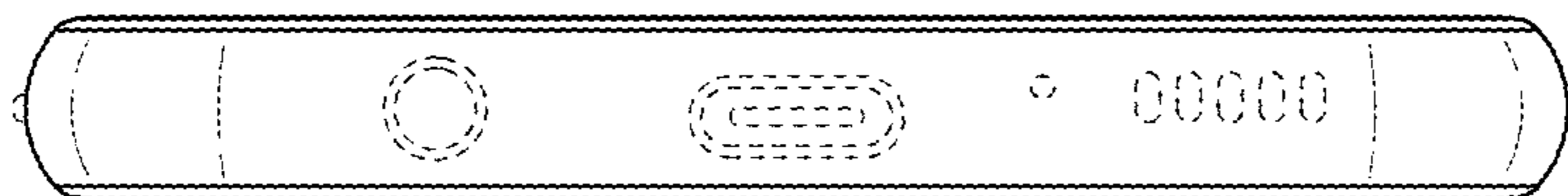


FIG. 59

