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

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(54) **MOBILE PHONE**

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

(21) Appl. No.: **29/612,687**

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(30) **Foreign Application Priority Data**

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

(52) **U.S. Cl.**  
USPC ..... **D14/248; D14/230**

(58) **Field of Classification Search**  
USPC ..... D14/138 AB, 138 AC, 138 C, 138 R,  
D14/138 G, 248, 341, 342, 250, 439, 371,  
(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D532,812 S \* 11/2006 Horikiri ..... D16/219  
D542,257 S \* 5/2007 Ahn ..... D14/138 AA  
(Continued)

**FOREIGN PATENT DOCUMENTS**

KR 30-0652833 7/2012  
KR 30-0660341 9/2012

**OTHER PUBLICATIONS**

Galaxy C9 Pro hands on—first Samsung phone with 6 GB RAM!,  
Nov. 20, 2016, [online], [site visited May 4, 2018]. Retrieved  
url:https://www.youtube.com/watch?v=z9J3VVT5PT8 (Year: 2016).\*

(Continued)

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(57) **CLAIM**

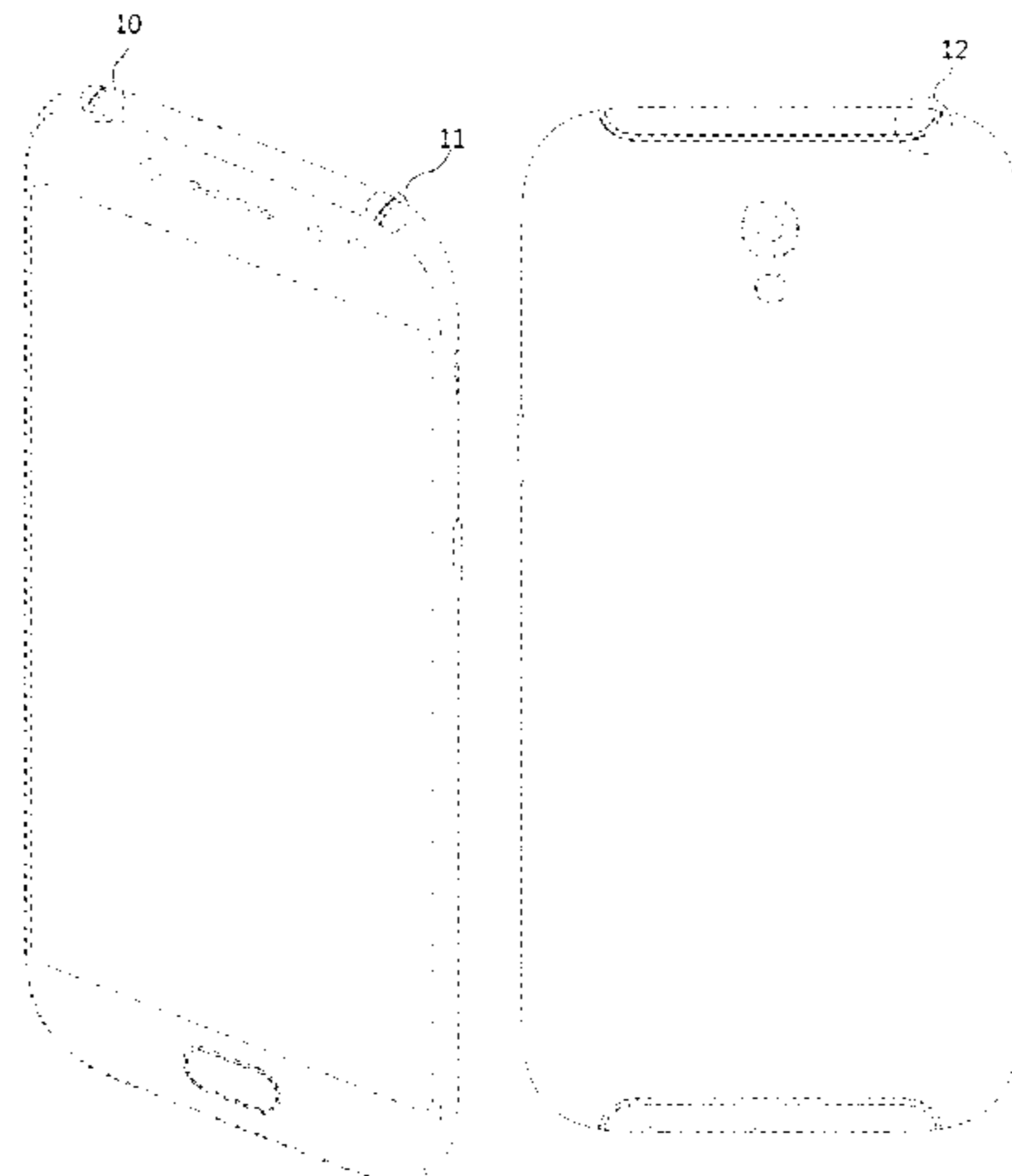
The ornamental design for a mobile phone, as shown and described.

**DESCRIPTION**

FIG. 1 is a top 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 top rear perspective view thereof; FIG. 9 is a bottom rear perspective view thereof; FIG. 10 is an enlarged view of portion 10 encircled in FIG. 1; FIG. 11 is an enlarged view of portion 11 encircled in FIG. 1; FIG. 12 is an enlarged view of portion 12 encircled in FIG. 3; FIG. 13 is a front perspective view of a mobile phone showing our new design according to a second embodiment; FIG. 14 is a front elevation view thereof; FIG. 15 is a rear elevation view thereof; FIG. 16 is a left side elevation view thereof; FIG. 17 is a right side elevation view thereof; FIG. 18 is a top plan view thereof; FIG. 19 is a bottom plan view thereof; FIG. 20 is a top rear perspective view thereof; FIG. 21 is a bottom rear perspective view thereof; FIG. 22 is an enlarged view of portion 22 encircled in FIG. 13; FIG. 23 is an enlarged view of portion 23 encircled in FIG. 13; and, FIG. 24 is an enlarged view of portion 24 encircled in FIG. 15.

The dashed broken lines in the drawings illustrate portions of the mobile phone that form no part of the claimed design. The dot-dot-dash broken lines in the drawings encircle portions of the claimed design that are illustrated in enlargements and form no part of the claimed design.

**1 Claim, 22 Drawing Sheets**



- (58) **Field of Classification Search**  
 USPC ..... D14/388, 389, 230, 507, 242, 240,  
 D14/138 AA; D16/219; D3/279, 321,  
 D3/322; D10/65  
 CPC .... G06F 1/1626; G06F 1/1652; G06F 1/1613;  
 H04M 1/027; H04M 1/0202; H04M  
 1/0279; H04M 1/0235; H04M 1/0237;  
 H04M 1/0239; H04M 1/0266; H04M  
 1/0295; H01Q 1/243; H01Q 1/241; H01Q  
 5/328; H05K 5/0217; H01M 2/10  
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

|              |    |   |         |          |       |             |
|--------------|----|---|---------|----------|-------|-------------|
| D561,223     | S  | * | 2/2008  | Horikiri | ..... | D16/202     |
| D580,405     | S  | * | 11/2008 | Lim      | ..... | D14/138 AA  |
| D581,667     | S  | * | 12/2008 | Yeh      | ..... | D3/279      |
| D585,865     | S  | * | 2/2009  | Lim      | ..... | D14/138 AB  |
| D599,764     | S  | * | 9/2009  | Park     | ..... | D14/138 AA  |
| D626,929     | S  | * | 11/2010 | Ge       | ..... | D14/138 AA  |
| D638,828     | S  | * | 5/2011  | Melanson | ..... | D14/250     |
| D642,153     | S  | * | 7/2011  | Nilsen   | ..... | D14/138 AA  |
| D668,629     | S  | * | 10/2012 | Chung    | ..... | D14/138 G   |
| D688,643     | S  | * | 8/2013  | Park     | ..... | D14/138 G   |
| D695,255     | S  | * | 12/2013 | Kim      | ..... | D14/138 G   |
| D707,670     | S  | * | 6/2014  | Chang    | ..... | D14/250     |
| D755,748     | S  | * | 5/2016  | Lim      | ..... | D14/138 G   |
| D777,134     | S  | * | 1/2017  | Hachiya  | ..... | D14/138 G   |
| D783,602     | S  | * | 4/2017  | Akana    | ..... | D14/341     |
| D791,139     | S  | * | 7/2017  | Akana    | ..... | D14/439     |
| D800,716     | S  | * | 10/2017 | Akana    | ..... | D14/341     |
| D803,177     | S  | * | 11/2017 | Cho      | ..... | D14/138 G   |
| D803,209     | S  | * | 11/2017 | Akana    | ..... | D14/341     |
| D808,371     | S  | * | 1/2018  | Kim      | ..... | D14/250     |
| D809,504     | S  | * | 2/2018  | Akana    | ..... | D14/341     |
| D815,633     | S  | * | 4/2018  | Akana    | ..... | D14/341     |
| D816,649     | S  | * | 5/2018  | Song     | ..... | D14/248     |
| 2016/0302319 | A1 | * | 10/2016 | Ferretti | ..... | H04M 1/0202 |
| 2017/0069956 | A1 | * | 3/2017  | Hill     | ..... | H01Q 1/243  |
| 2017/0141469 | A1 | * | 5/2017  | Huang    | ..... | H01O 5/50   |
| 2017/0187851 | A1 | * | 6/2017  | Jung     | ..... | H04M 1/0249 |
| 2017/0194694 | A1 | * | 7/2017  | Li       | ..... | H01Q 1/243  |
| 2017/0195465 | A1 | * | 7/2017  | Huang    | ..... | H04M 1/0202 |

|              |    |   |         |           |       |             |
|--------------|----|---|---------|-----------|-------|-------------|
| 2017/0280572 | A1 | * | 9/2017  | Kawanishi | ..... | H04M 1/02   |
| 2017/0347470 | A1 | * | 11/2017 | Seo       | ..... | H05K 5/0086 |
| 2018/0109659 | A1 | * | 4/2018  | Zhao      | ..... | H04M 1/0249 |

OTHER PUBLICATIONS

Honor 6X Hands-on, Jan. 3, 2017, [online], [site visited May 21, 2018]. Retrieved from url:[https://www.gsmarena.com/honor\\_6x\\_handson-blog-22496.php](https://www.gsmarena.com/honor_6x_handson-blog-22496.php) (Year: 2017).\*

HTC is readying a Vive-branded smartphone, Jan. 8, 2017, [online], [site visited May 19, 2018]. Retrieved from url:<https://www.engadget.com/2017/01/08/htc-vive-phone-leak/> (Year: 2017).\*

Samsung Galaxy A6+ (2018), available as early as May 3, 2018, [online], [site visited May 3, 2018]. Retrieved from url:[https://www.gsmarena.com/samsung\\_galaxy\\_a6+\\_2018-pictures-9156.php](https://www.gsmarena.com/samsung_galaxy_a6+_2018-pictures-9156.php) (Year: 2018).\*

Samsung Galaxy C5, Jun. 2016, [online], [site visited Apr. 23, 2018]. Retrieved from url:[https://www.gsmarena.com/samsung\\_galaxy\\_c5-pictures-8047.php](https://www.gsmarena.com/samsung_galaxy_c5-pictures-8047.php) (Year: 2016).\*

Samsung Galaxy C7 Pro, Feb. 2017, [online], [site visited Apr. 23, 2018]. Retrieved from url:[https://www.gsmarena.com/samsung\\_galaxy\\_c7\\_pro-pictures-8435.php](https://www.gsmarena.com/samsung_galaxy_c7_pro-pictures-8435.php) (Year: 2017).\*

Samsung Galaxy C7, Jun. 2017, [online], [site visited May 17, 2018]. Retrieved from url:[https://www.gsmarena.com/samsung\\_galaxy\\_c7-pictures-8046.php](https://www.gsmarena.com/samsung_galaxy_c7-pictures-8046.php) (Year: 2017).\*

Samsung Galaxy J5, Jun. 2017, [online], [site visited Apr. 23, 2018]. Retrieved from url:[https://www.gsmarena.com/samsung\\_galaxyj5\\_2017-pictures-8705.php](https://www.gsmarena.com/samsung_galaxyj5_2017-pictures-8705.php) (Year: 2017).\*

Samsung Galaxy J7 Pro, Jul. 2017, [online], [site visited Apr. 23, 2018]. Retrieved from url:[https://www.gsmarena.com/samsung\\_galaxy\\_j7\\_pro-pictures-8561.php](https://www.gsmarena.com/samsung_galaxy_j7_pro-pictures-8561.php) (Year: 2017).\*

HTC Vive VR Phone Also Has AR Features and Buttonless Design, Apr. 10, 2017, [online], [site visited May 19, 2018]. Retrieved from url:<https://www.concept-phones.com/htc/htc-vive-vr-phone-ar-features-buttonless-design-video/> (Year: 2017).\*

Unknown, "Creative insulated strip design", published Jan. 8, 2017 on the internet at [clien.net](http://clien.net) <[http://clien.net/cs2/bbs/board.php?bo\\_table=park&wr\\_id=52090247](http://clien.net/cs2/bbs/board.php?bo_table=park&wr_id=52090247)> (Last accessed Mar. 15, 2017).

Unknown, "Mobile version of Vive or new phone? HTC new month big guess", published Dec. 21, 2016 on the internet <<http://ivr.baidu.com/news/j/s585a3224e330.html>> (Last accessed Mar. 15, 2017).

\* cited by examiner

FIG. 1

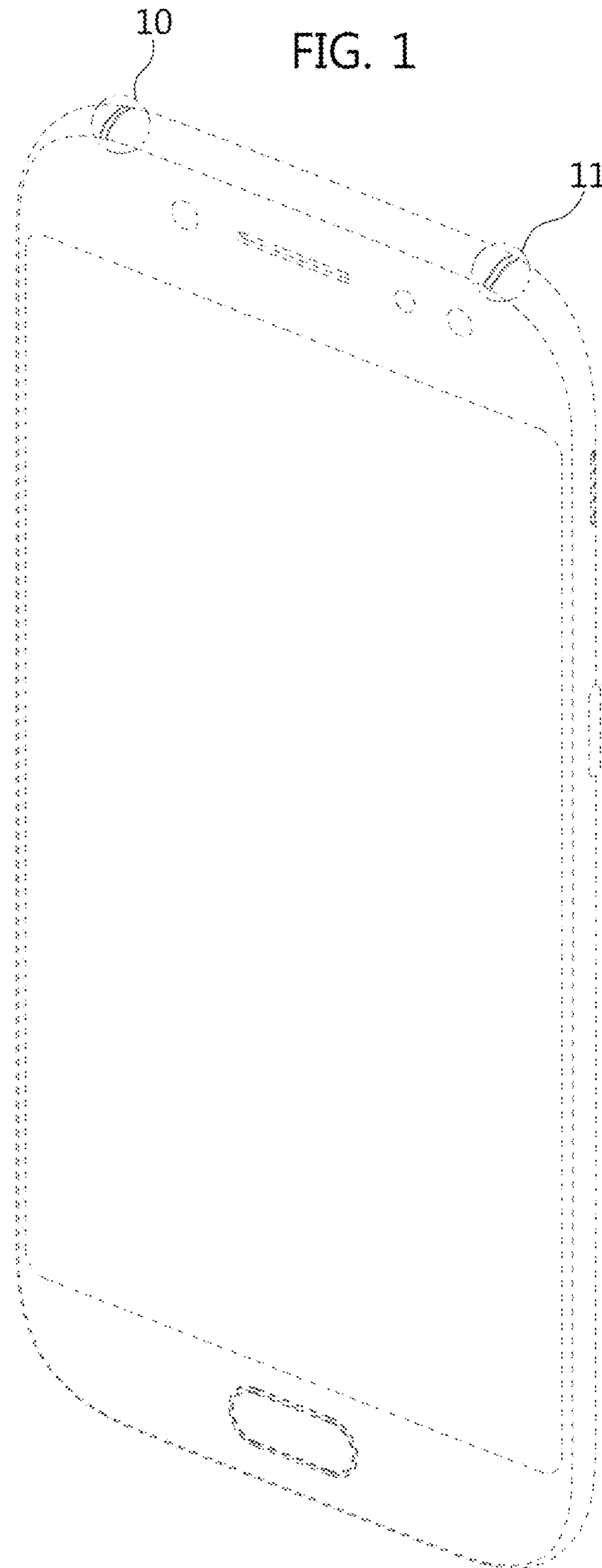


FIG. 2

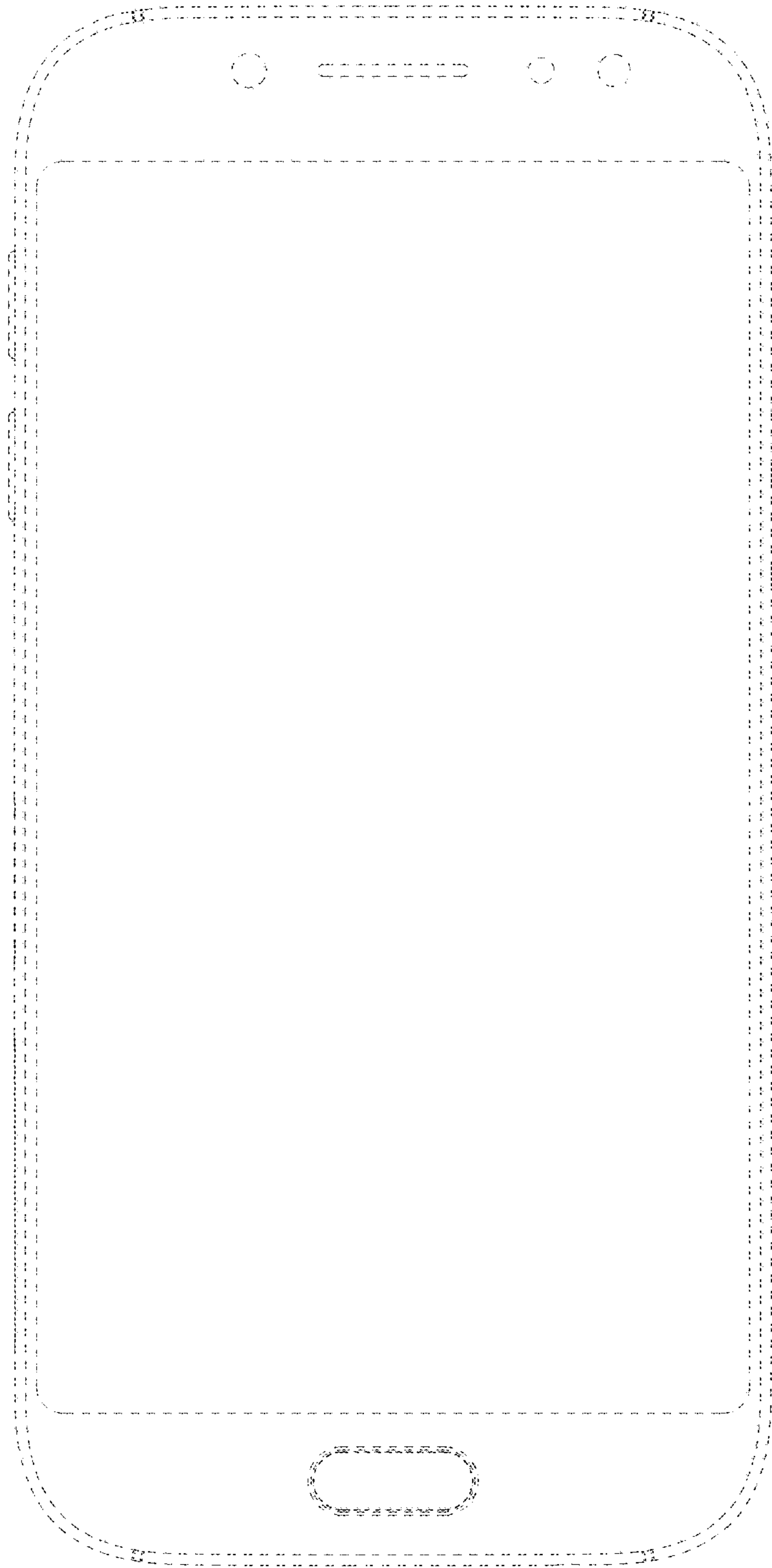




FIG. 3

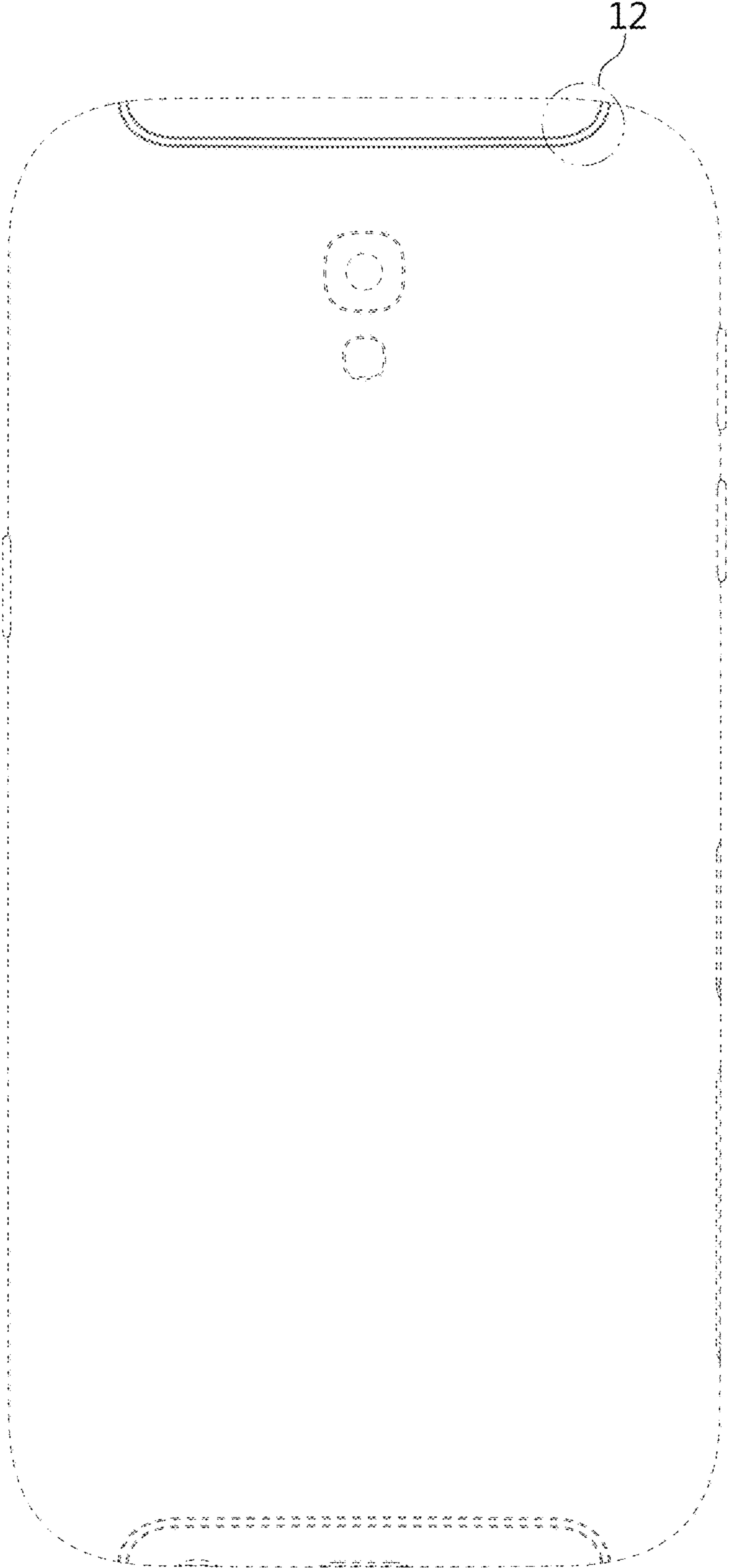


FIG. 4

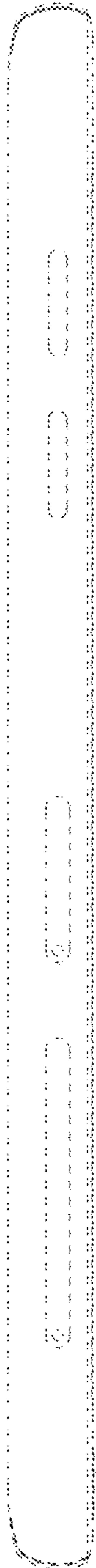


FIG. 5



FIG. 6

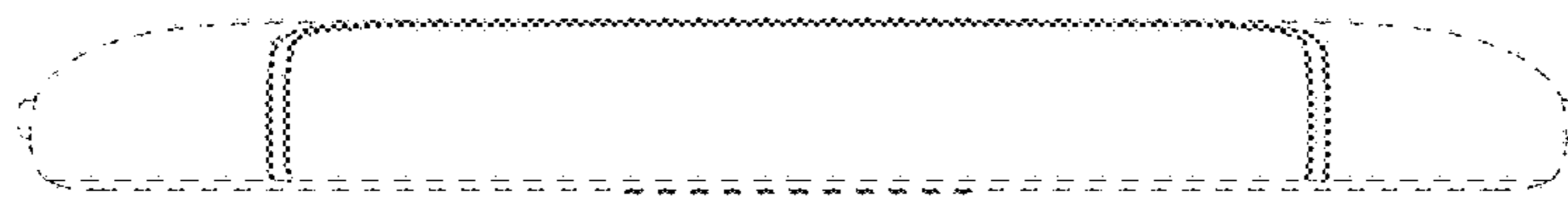


FIG. 7

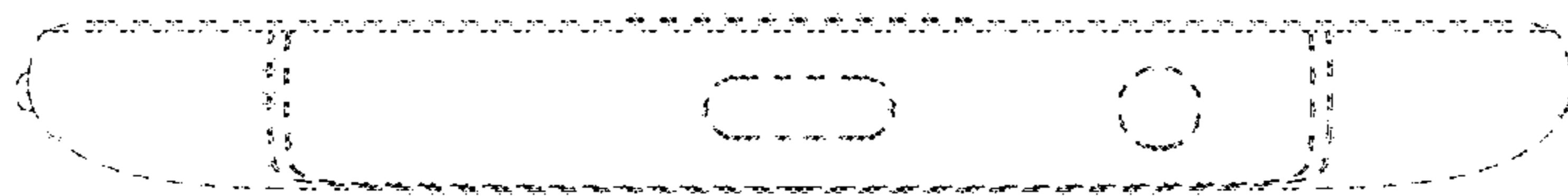




FIG. 8

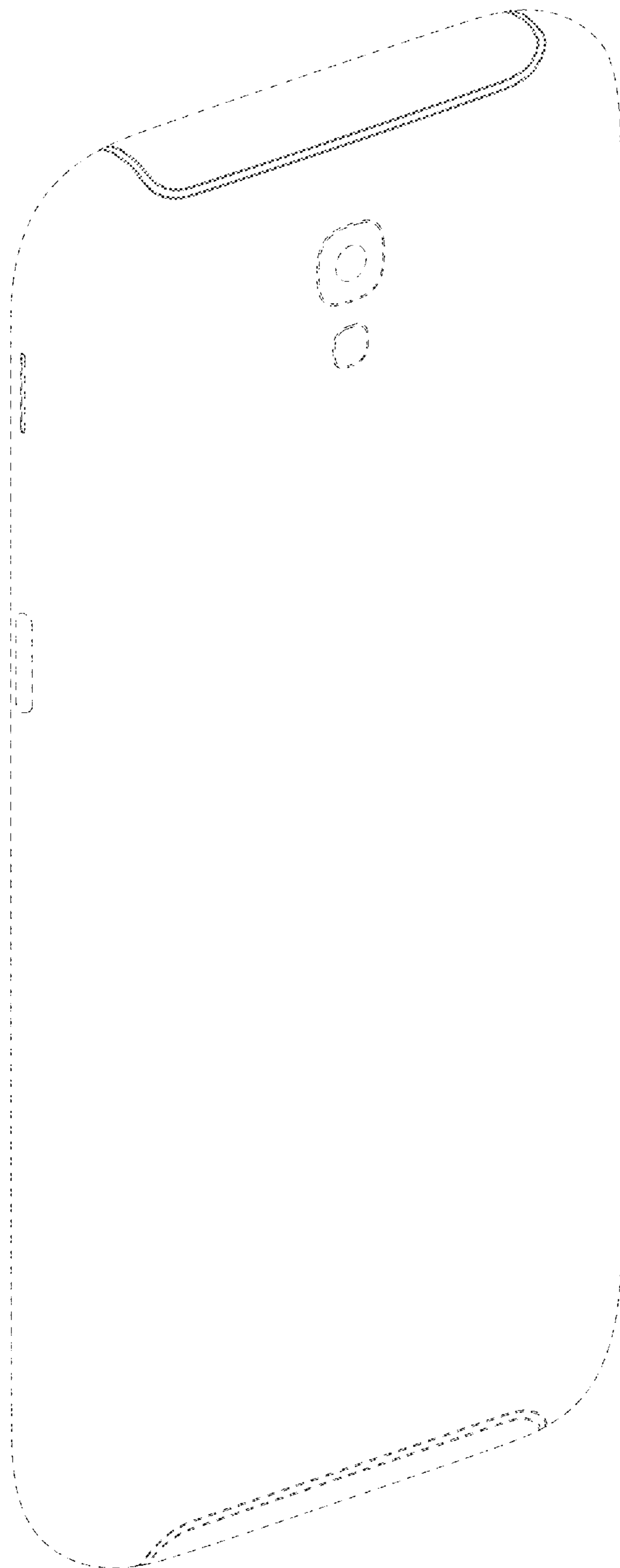


FIG. 9

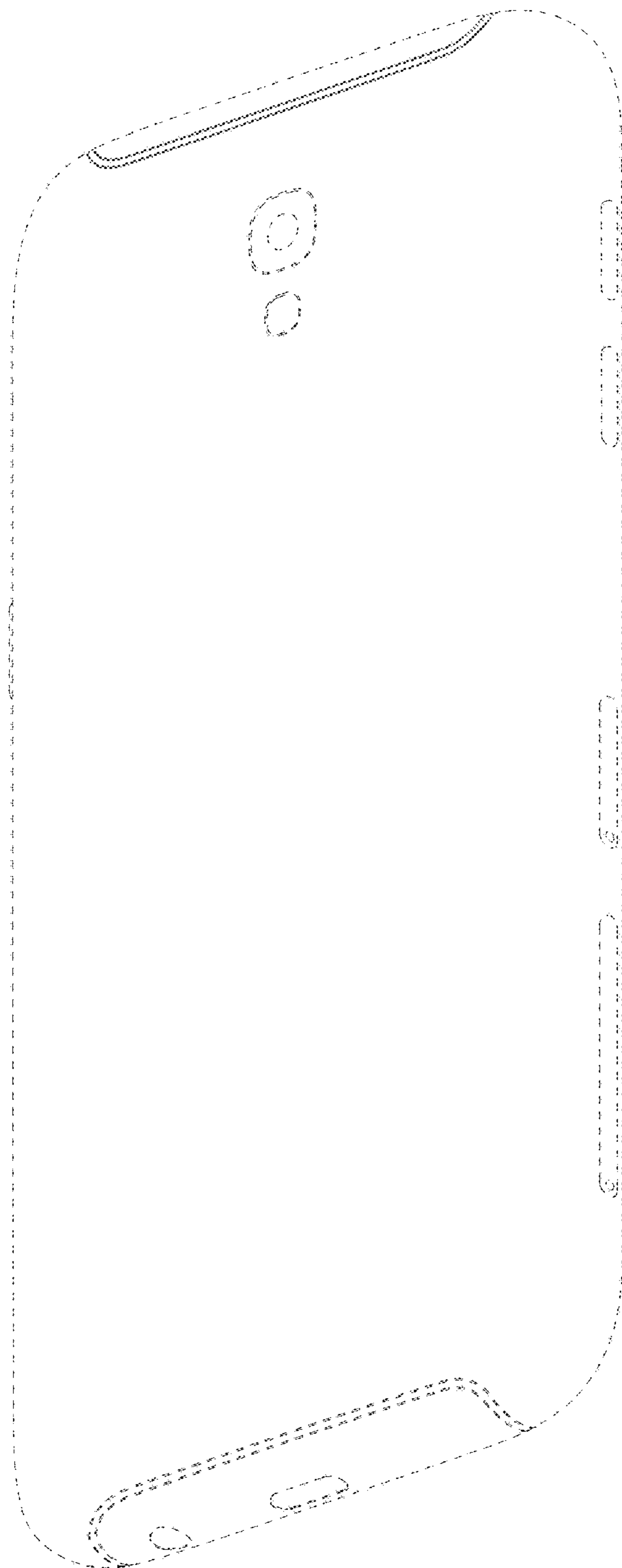


FIG. 10

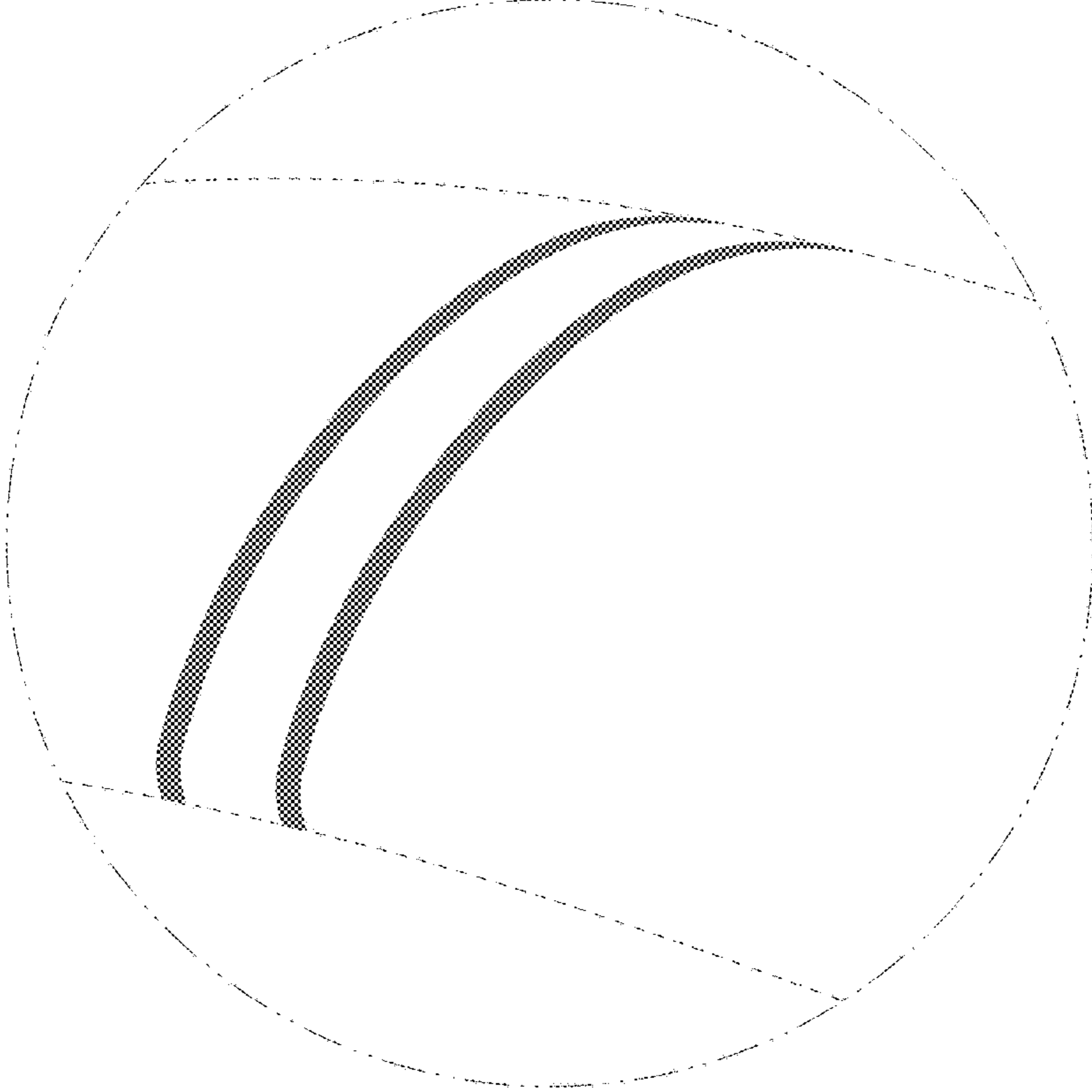


FIG. 11

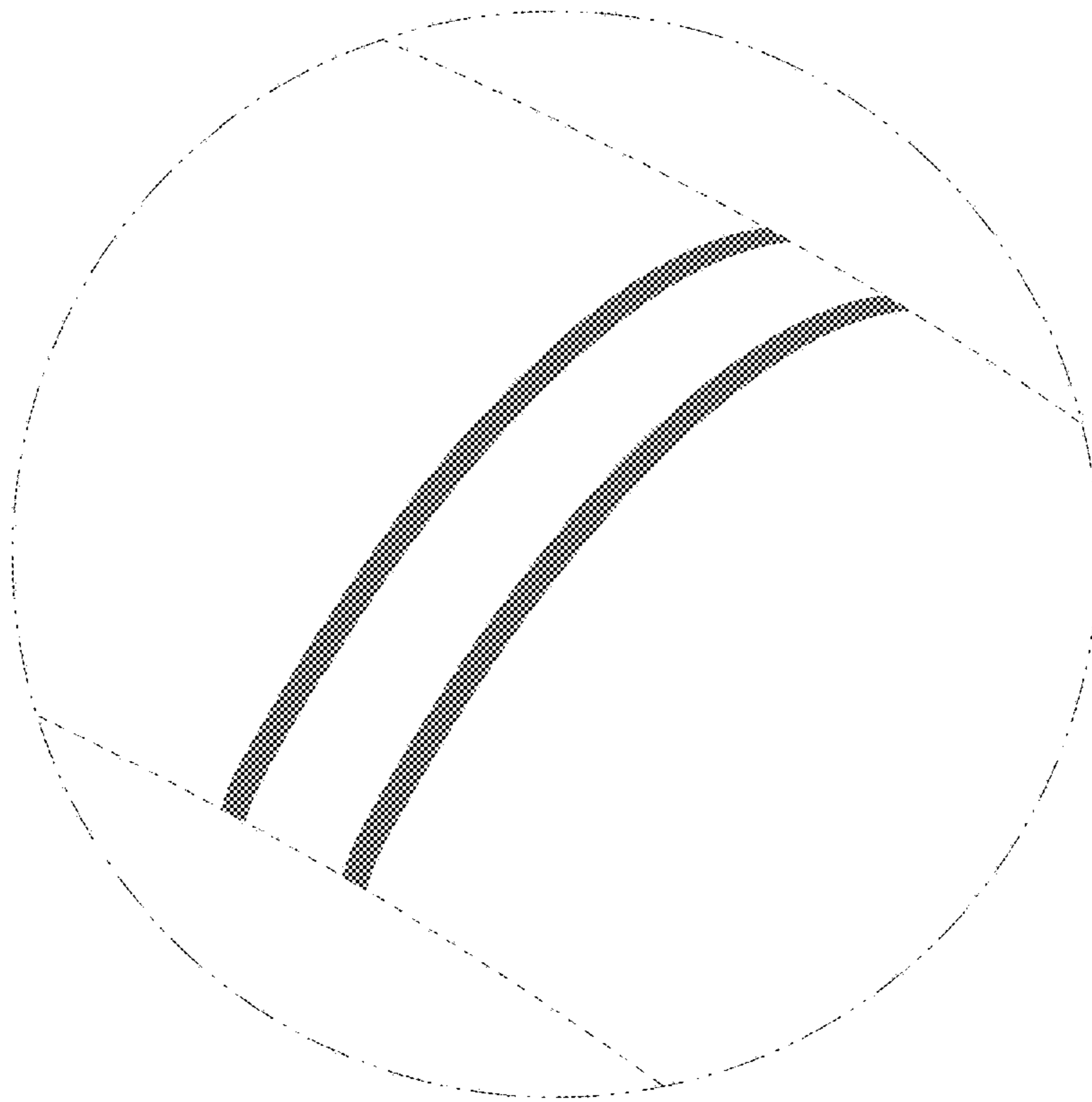


FIG. 12

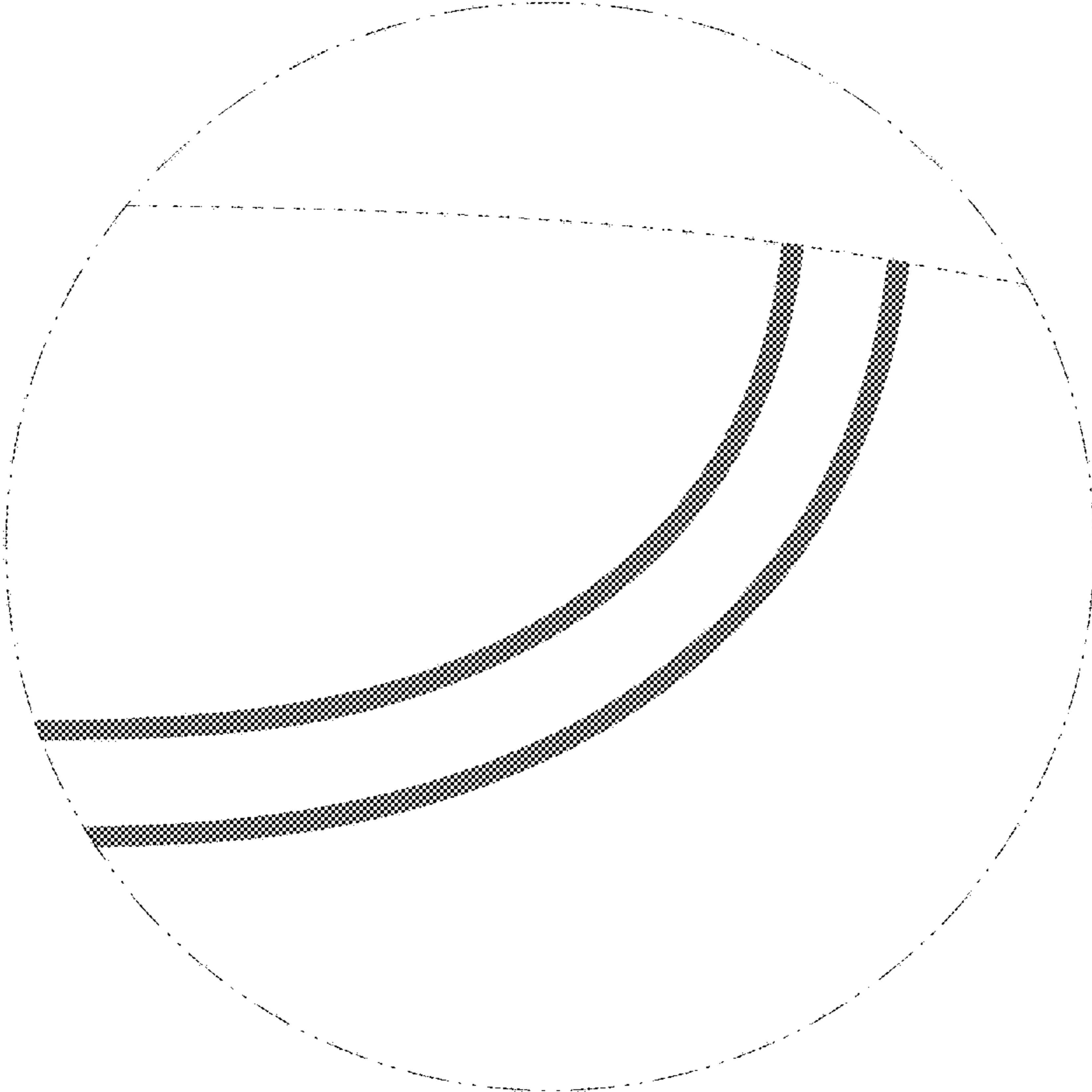


FIG. 13

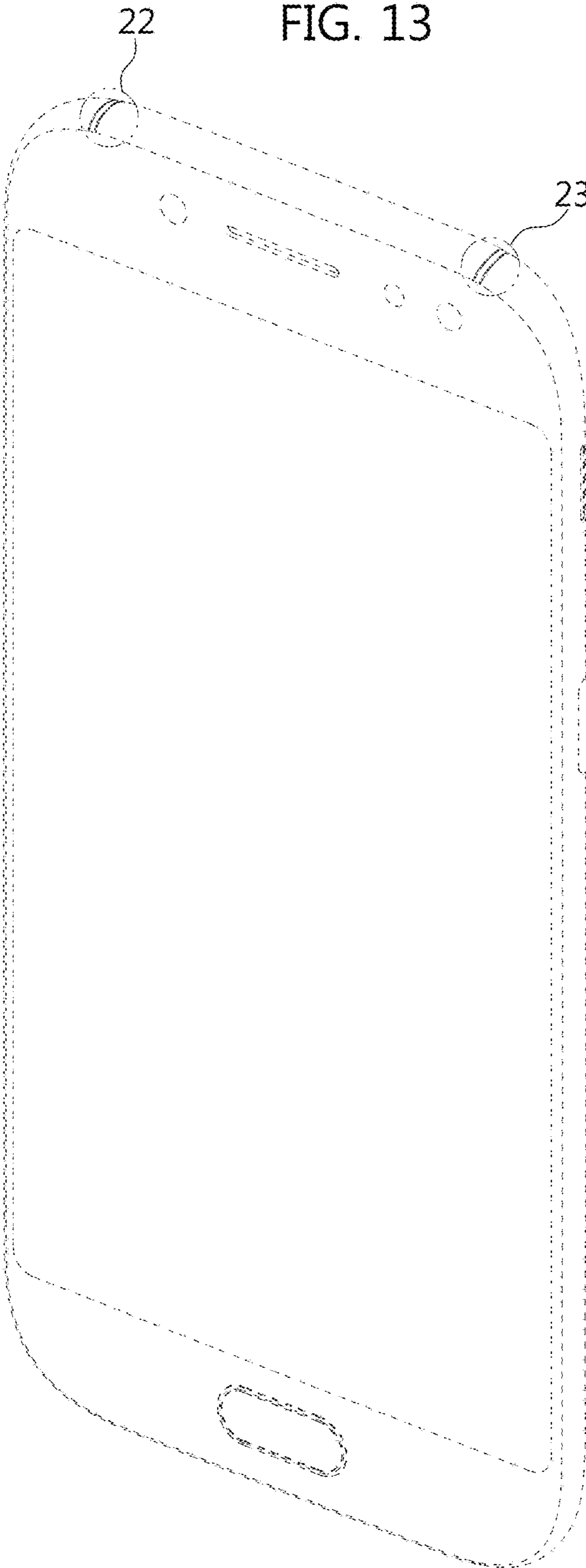




FIG. 14

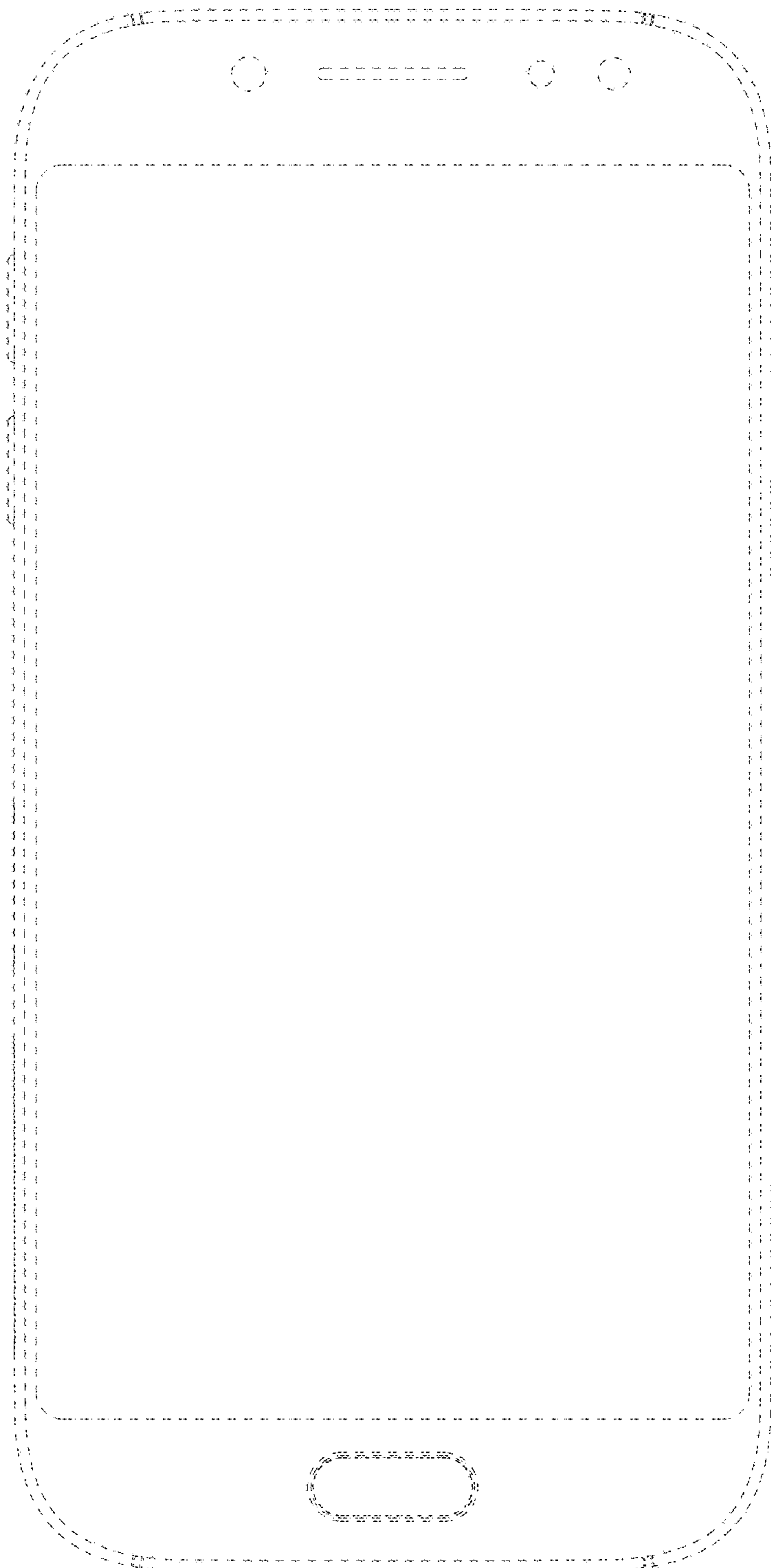


FIG. 15



FIG. 16

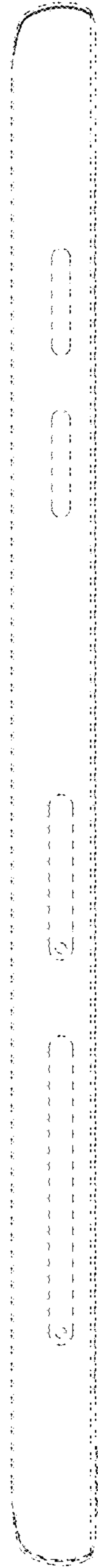


FIG. 17

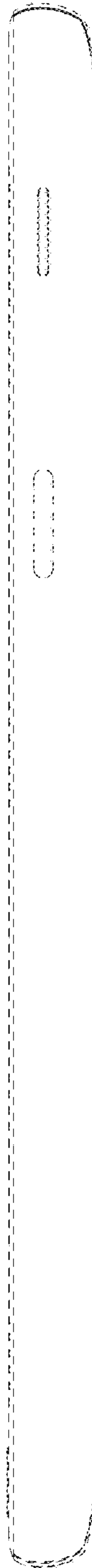


FIG. 18

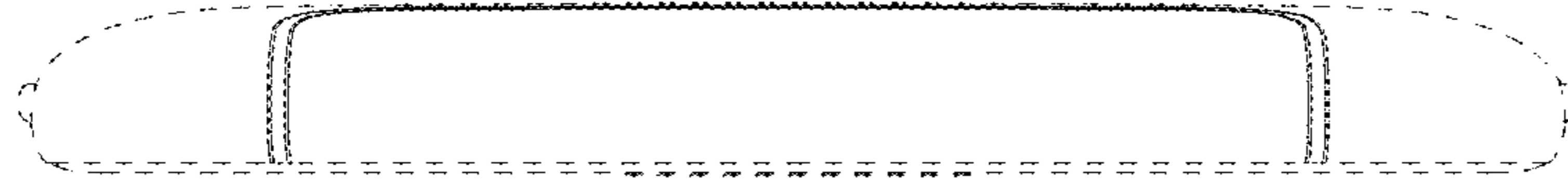


FIG. 19



FIG. 20

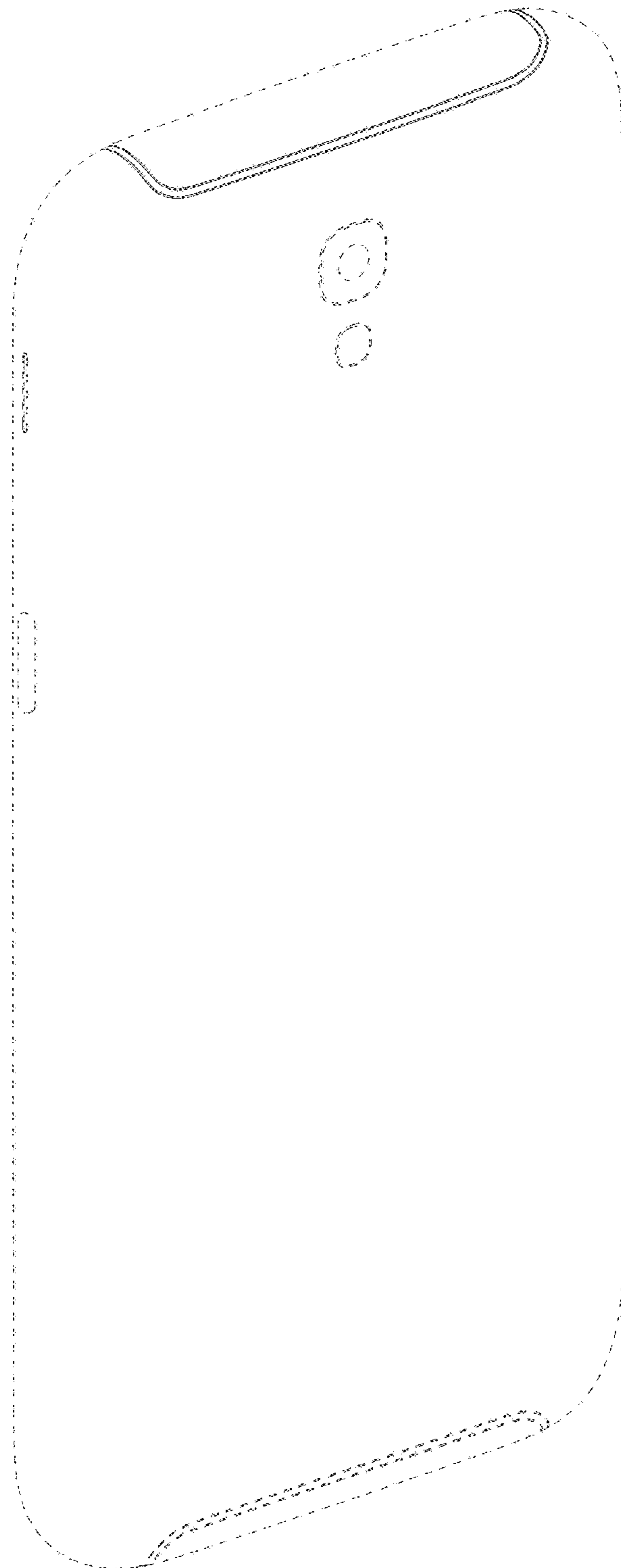




FIG. 21

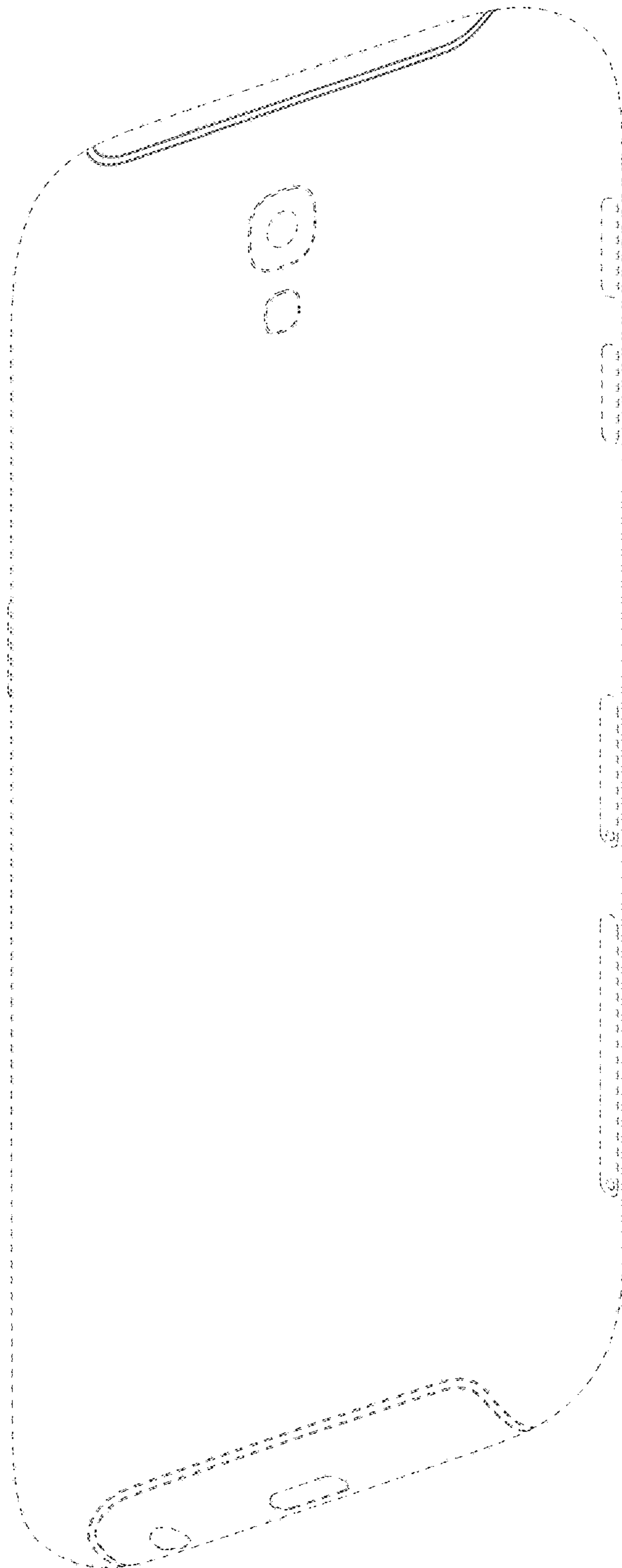


FIG. 22

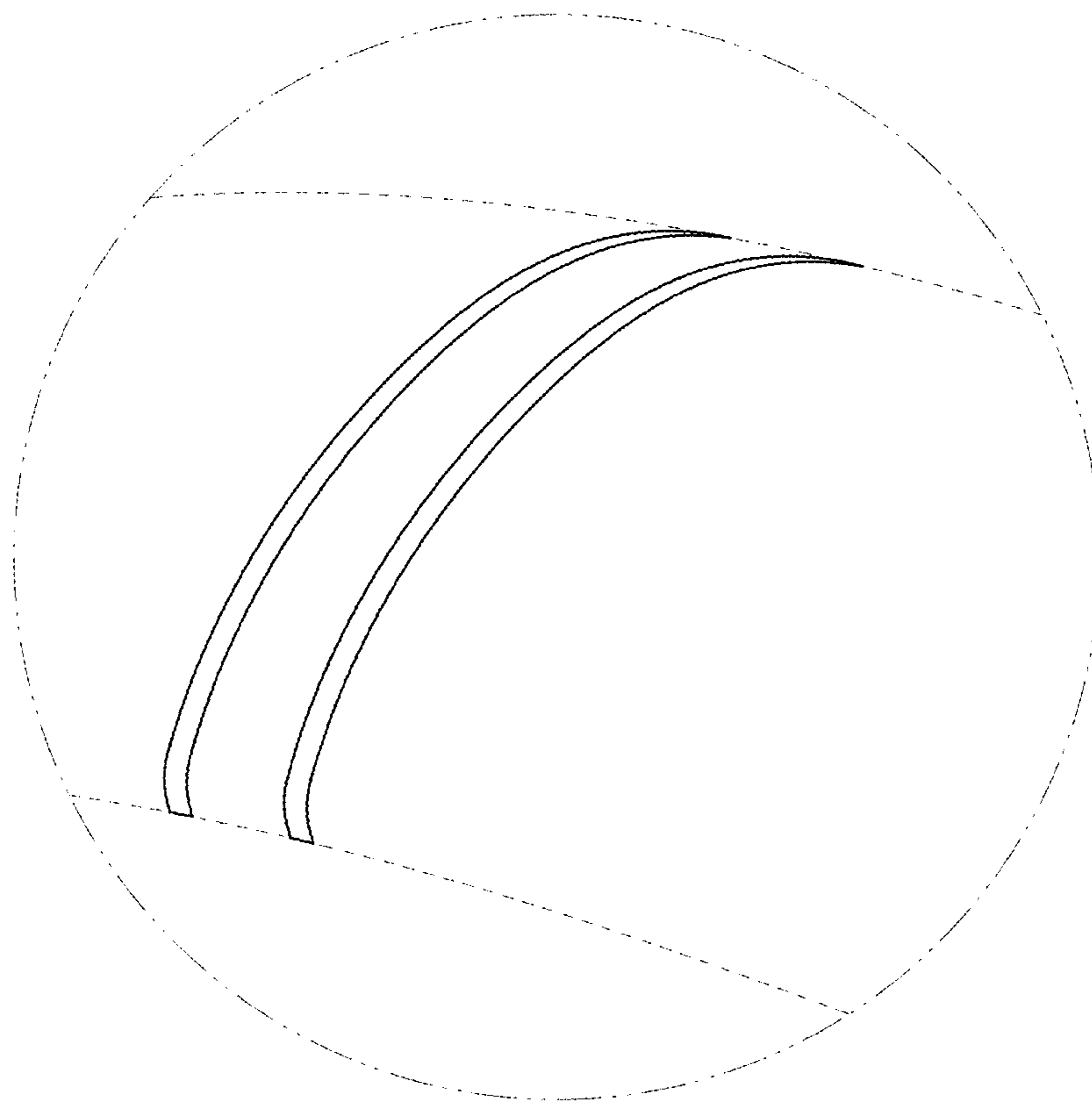


FIG. 23

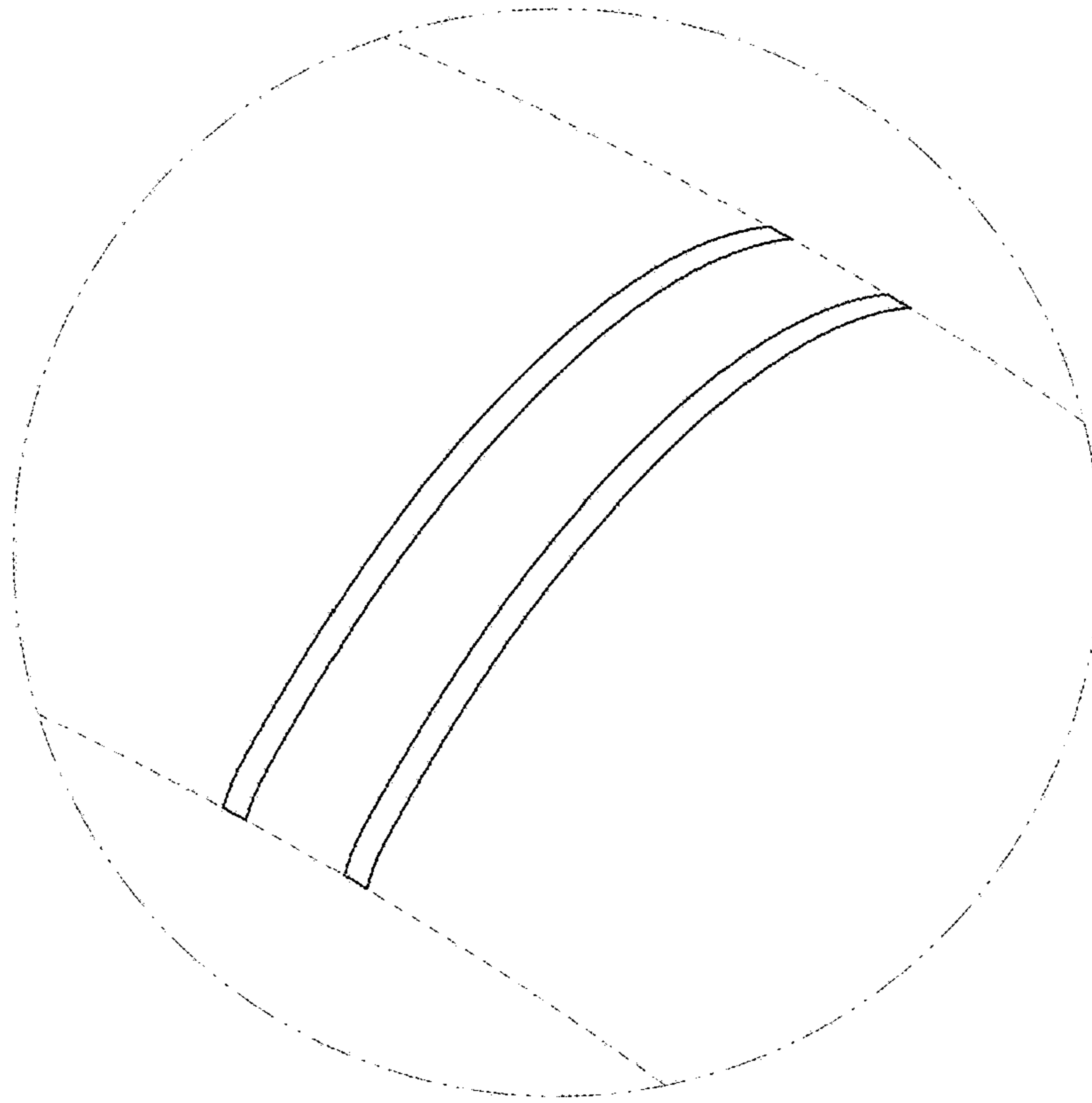


FIG. 24

