



US00D707647S

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

(10) **Patent No.:** **US D707,647 S**
(45) **Date of Patent:** **** Jun. 24, 2014**

(54) **MOBILE PHONE**

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

(21) Appl. No.: **29/436,475**

(22) Filed: **Nov. 6, 2012**

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

(52) **U.S. Cl.**
USPC **D14/138 G**

(58) **Field of Classification Search**
USPC D14/138 R, 138 AD, 138 AC, 138 C,
D14/138 G, 137, 341-347, 247-248;
455/566, 575.1, 575.3, 575.4
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D588,594 S * 3/2009 Matsuoka D14/341
D615,083 S * 5/2010 Andre et al. D14/341

(Continued)

FOREIGN PATENT DOCUMENTS

KR 30-0569241 S 8/2010
KR 30-0629670 S 1/2012

(Continued)

OTHER PUBLICATIONS

Acer neoTouch P300, announced Feb. 2010, [online], [retrieved on Feb. 17, 2010]. Retrieved from Internet ,<URL: <http://www.gsmarena.com>>.*
Samsung Galaxy Discover, announced Nov. 2012, [online], [retrieved on Nov. 28, 2012]. Retrieved from Internet ,<URL: <http://www.gsmarena.com>>.*

(Continued)

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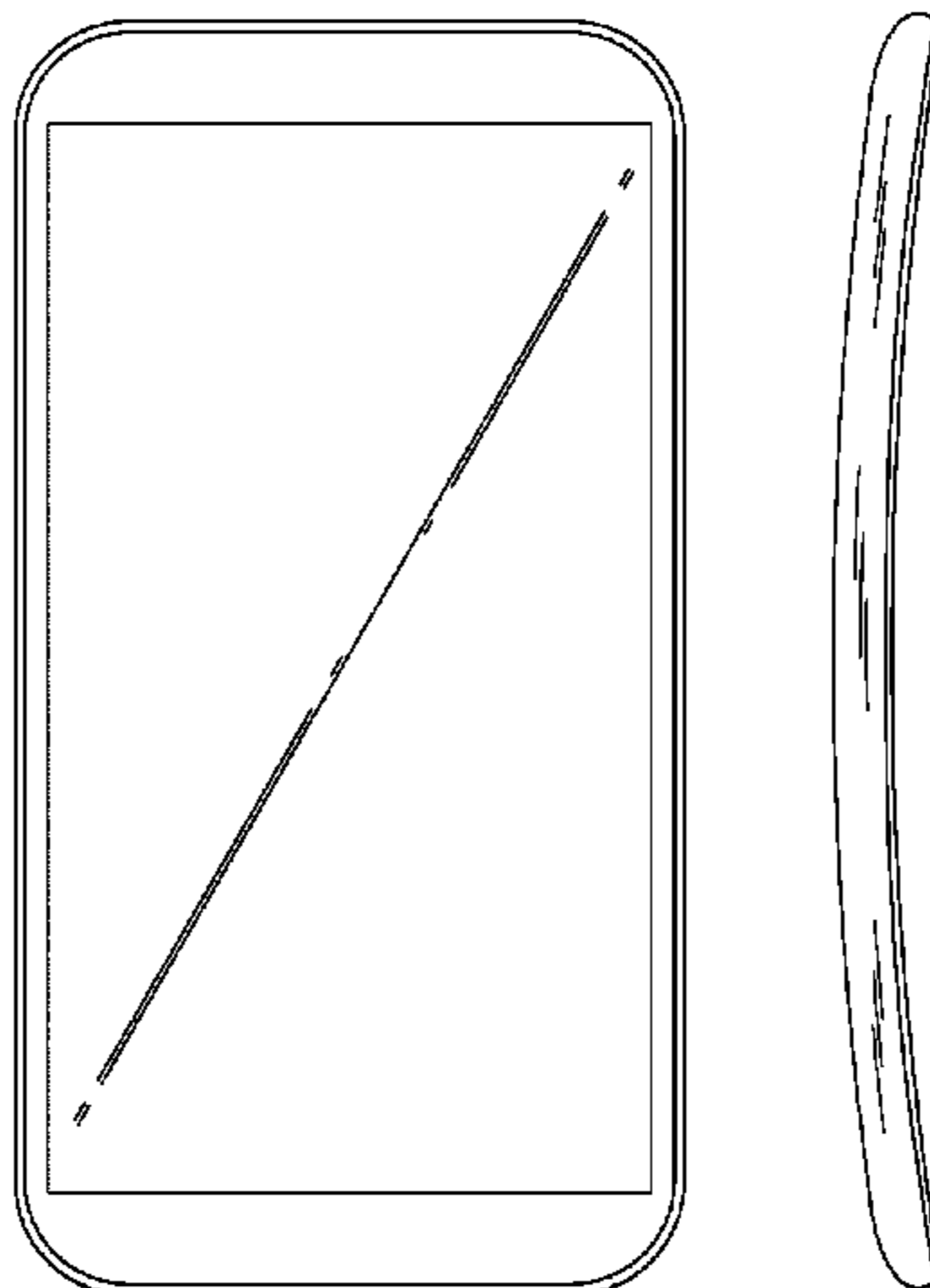
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective view of a first embodiment of a mobile phone 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 where the right side view is a mirror image;
FIG. 5 is a top plan view thereof where the bottom plan view is a mirror image;
FIG. 6 is a perspective view of a second embodiment of a mobile phone showing our new design;
FIG. 7 is a front view thereof;
FIG. 8 is a rear view thereof;
FIG. 9 is a left side view thereof where the right side view is a mirror image;
FIG. 10 is a top plan view thereof where the bottom plan view is a mirror image;
FIG. 11 is a perspective view of a third embodiment of a mobile phone showing our new design;
FIG. 12 is a front view thereof;
FIG. 13 is a rear view thereof;
FIG. 14 is a left side view thereof where the right side view is a mirror image;
FIG. 15 is a top plan view thereof where the bottom plan view is a mirror image;
FIG. 16 is a perspective view of a fourth embodiment of a mobile phone showing our new design;
FIG. 17 is a front view thereof;
FIG. 18 is a rear view thereof;
FIG. 19 is a left side view thereof where the right side view is a mirror image; and,
FIG. 20 is a top plan view thereof where the bottom plan view is a mirror image.

1 Claim, 20 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

| | | | | | | | |
|--------------|----|---|---------|-------------------|-------|-----------|----|
| D624,896 | S | * | 10/2010 | Park et al. | ..... | D14/138 | G |
| D635,541 | S | * | 4/2011 | Park et al. | ..... | D14/138 | G |
| D638,814 | S | * | 5/2011 | Sutherland et al. | ..... | D14/138 | G |
| D640,219 | S | * | 6/2011 | Sutherland et al. | ..... | D14/138 | G |
| D643,827 | S | * | 8/2011 | Lee et al. | ..... | D14/138 | G |
| D650,352 | S | * | 12/2011 | Cho | ..... | D14/138 | G |
| D653,645 | S | * | 2/2012 | Park | ..... | D14/138 | G |
| D654,047 | S | * | 2/2012 | Kim et al. | ..... | D14/138 | G |
| D654,048 | S | * | 2/2012 | Ichinose et al. | ..... | D14/138 | G |
| 8,150,482 | B2 | * | 4/2012 | Matsuoka | ..... | 455/575.4 | |
| D663,287 | S | * | 7/2012 | Kim et al. | ..... | D14/218 | |
| D663,709 | S | * | 7/2012 | Kim et al. | ..... | D14/138 | AD |
| D671,089 | S | * | 11/2012 | Joung et al. | ..... | D14/138 | G |
| D676,819 | S | * | 2/2013 | Choi | ..... | D14/138 | G |
| D681,594 | S | * | 5/2013 | Hong | ..... | D14/138 | G |
| D684,946 | S | * | 6/2013 | Ryu | ..... | D14/138 | G |
| D686,177 | S | * | 7/2013 | Lee | ..... | D14/138 | G |
| D688,640 | S | * | 8/2013 | Lee | ..... | D14/138 | G |
| D690,279 | S | * | 9/2013 | Lee | ..... | D14/138 | G |
| D697,492 | S | * | 1/2014 | Minamide et al. | ..... | D14/138 | G |
| D700,596 | S | * | 3/2014 | Jung et al. | ..... | D14/248 | |
| D700,902 | S | * | 3/2014 | Park | ..... | D14/138 | G |
| D702,207 | S | * | 4/2014 | Ryu | ..... | D14/138 | G |
| 2007/0232368 | A1 | * | 10/2007 | Feightner et al. | ..... | 455/575.1 | |
| 2008/0259094 | A1 | * | 10/2008 | Kim et al. | ..... | 345/651 | |
| 2011/0117971 | A1 | * | 5/2011 | Kim et al. | ..... | 455/566 | |
| 2011/0143825 | A1 | * | 6/2011 | Ahn et al. | ..... | 455/575.4 | |

FOREIGN PATENT DOCUMENTS

| | | | |
|----|------------|---|--------|
| KR | 30-0632412 | S | 3/2012 |
| KR | 30-0633829 | S | 3/2012 |
| KR | 30-0635744 | S | 3/2012 |
| KR | 30-0636401 | S | 3/2012 |
| KR | 30-0651411 | S | 7/2012 |
| KR | 30-0655074 | S | 8/2012 |

OTHER PUBLICATIONS

T-Mobile Vivacity announced Nov. 2011, [online], [retrieved on Feb. 3, 2012]. Retrieved from Internet ,<URL: <http://www.gsmarena.com>>.*

LG Optimus Black, announced Jan. 2011, [online], [retrieved on Jan. 6, 2011]. Retrieved from Internet ,<URL: <http://www.gsmarena.com>>.*

“Bend Mobile” A New Concept Cell Phone Handset With A Curve <http://www.geekwithlaptop.com/bend-mobile-a-new-concept-mobile-phone-handset-with-a-curve>.

Exo Product Information: Phone Support for Beauty <http://www.yankodesign.com/2010/07/19/phone-support-for-beauty/>.

LG Exo Phone, a Sustainable and Durable Handset <http://www.concept-phones.com/lg/lg-exo-phone-sustainable-durable-handset/>.

The World’s First Curved Cell Phone: LG Exo Smartphone <http://www.bitrebels.com/technology/the-world%E2%80%99s-first-curved-cell-phone-lg-exo-smartphone/>.

HTC Slim, the Definition of Curves, Designed by Sylvain Gerber <http://www.concept-phones.com/htc/htc-slim-definition-curves-designed-sylvain-gerber/>.

Could smartphones be more pocket friendly in the future? <http://agbeat.com/gadgets/smartphones-gadgets/could-smartphones-be-more-pocket-friendly-in-the-future/>.

Nexus 5 Phone is Curved, Very Curved <http://www.concept-phones.com/cool-concepts/nexus-5-phone-curved-curved/>.

New Google Nexus Phone Design Show Up, Curved Prime Power <http://www.concept-phones.com/samsung/google-nexus-phone-design-shows-curved-prime-power/>.

Concept phones we wish were real in 2012 <http://kiosbukugema.wordpress.com/2012/03/03/concept-phones-we-wish-were-real-in-2012/> See, Philips Fluid concept phone (#8), Nokia 888 (#10), and Kyocera EOS folding concept phone (#16).

Foldable Phone Looks Like Edge to Edge HTC Material <http://www.concept-phones.com/htc/foldable-phone-edge-edge-htc-material/>.

* cited by examiner

FIG. 1

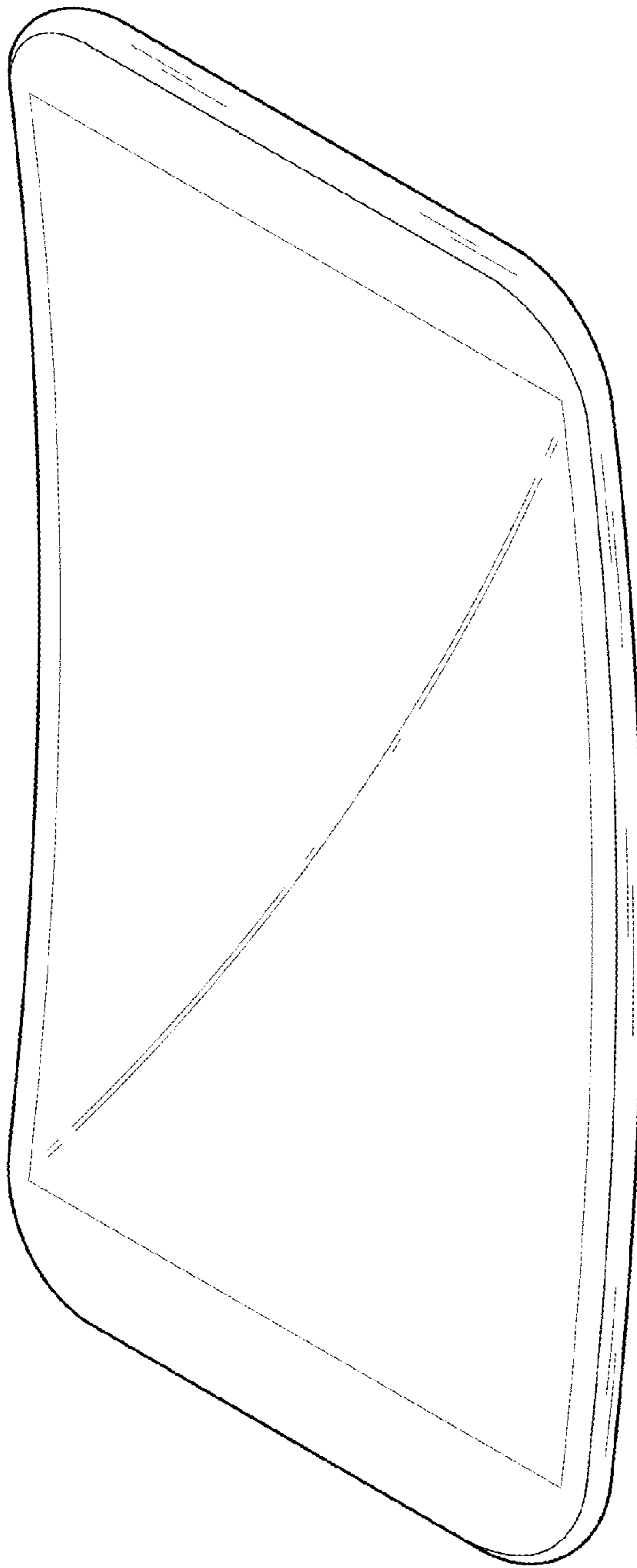


FIG. 2

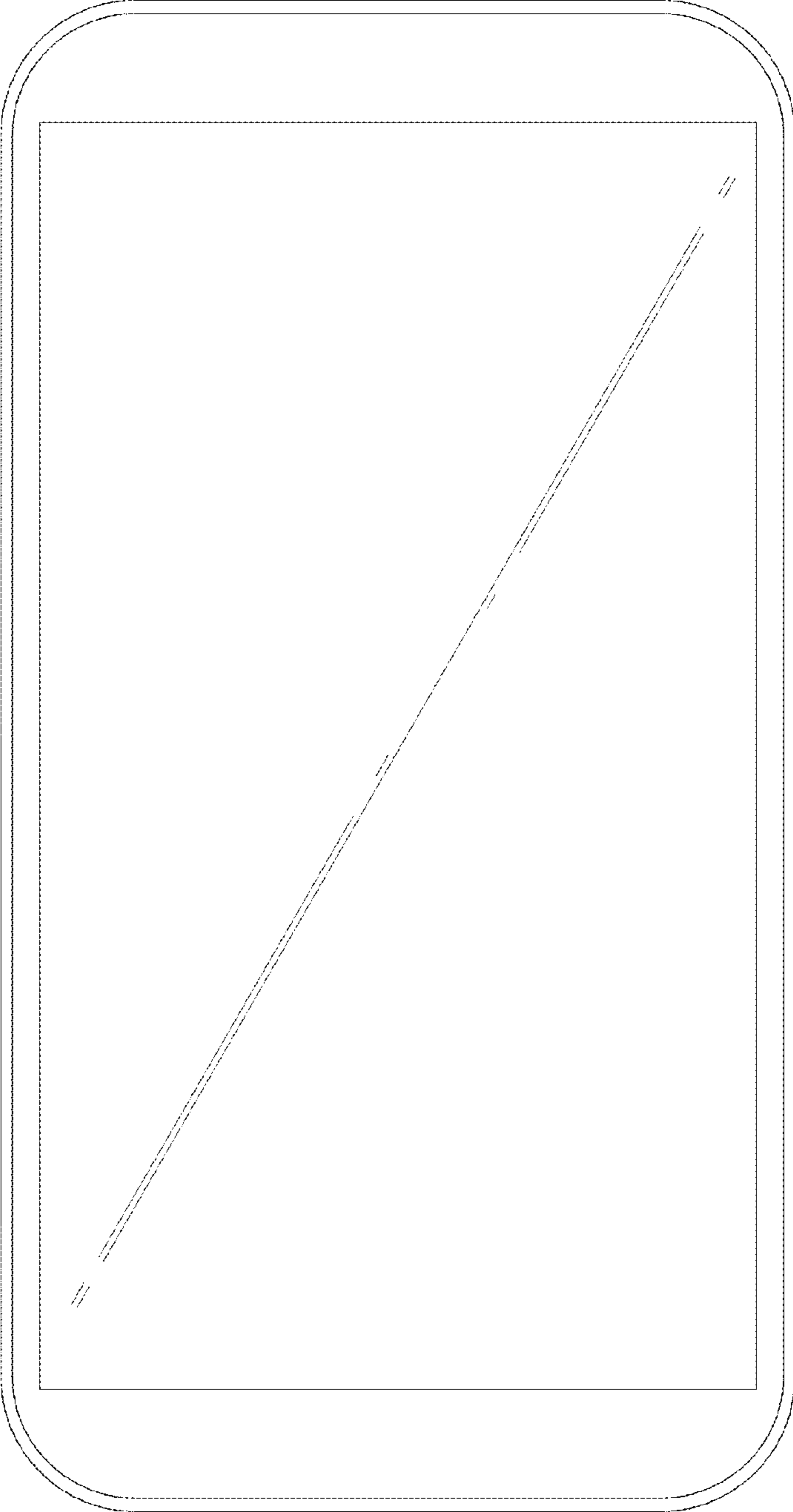


FIG. 3

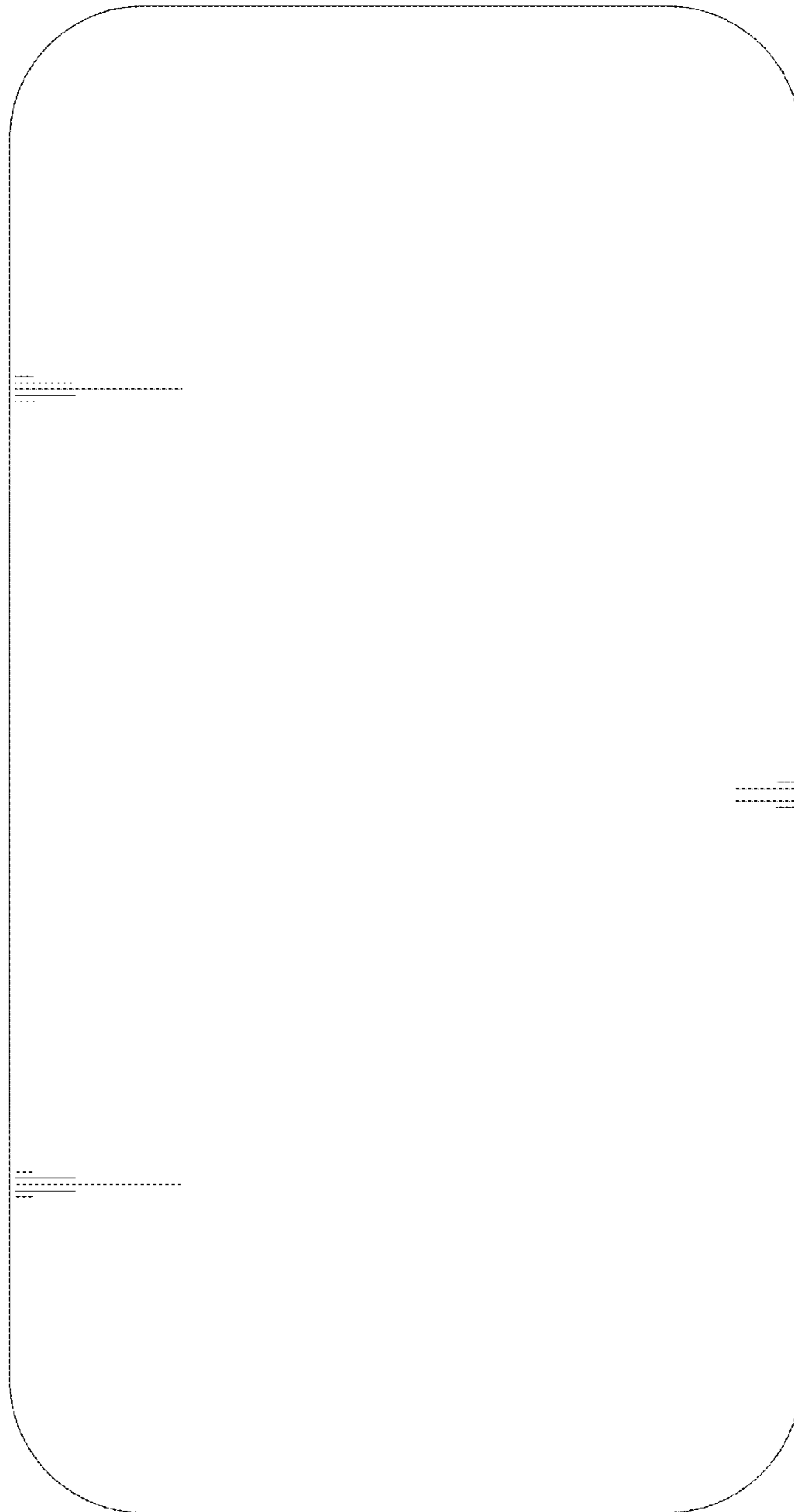


FIG. 4

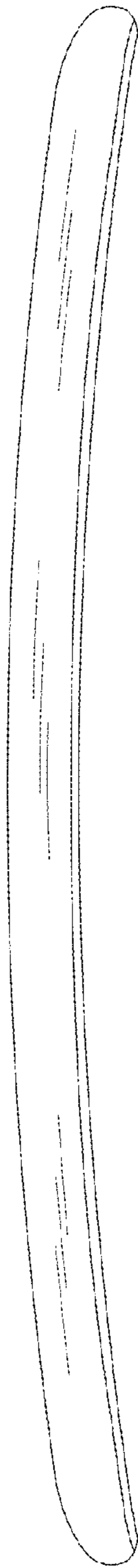


FIG. 5



FIG. 6

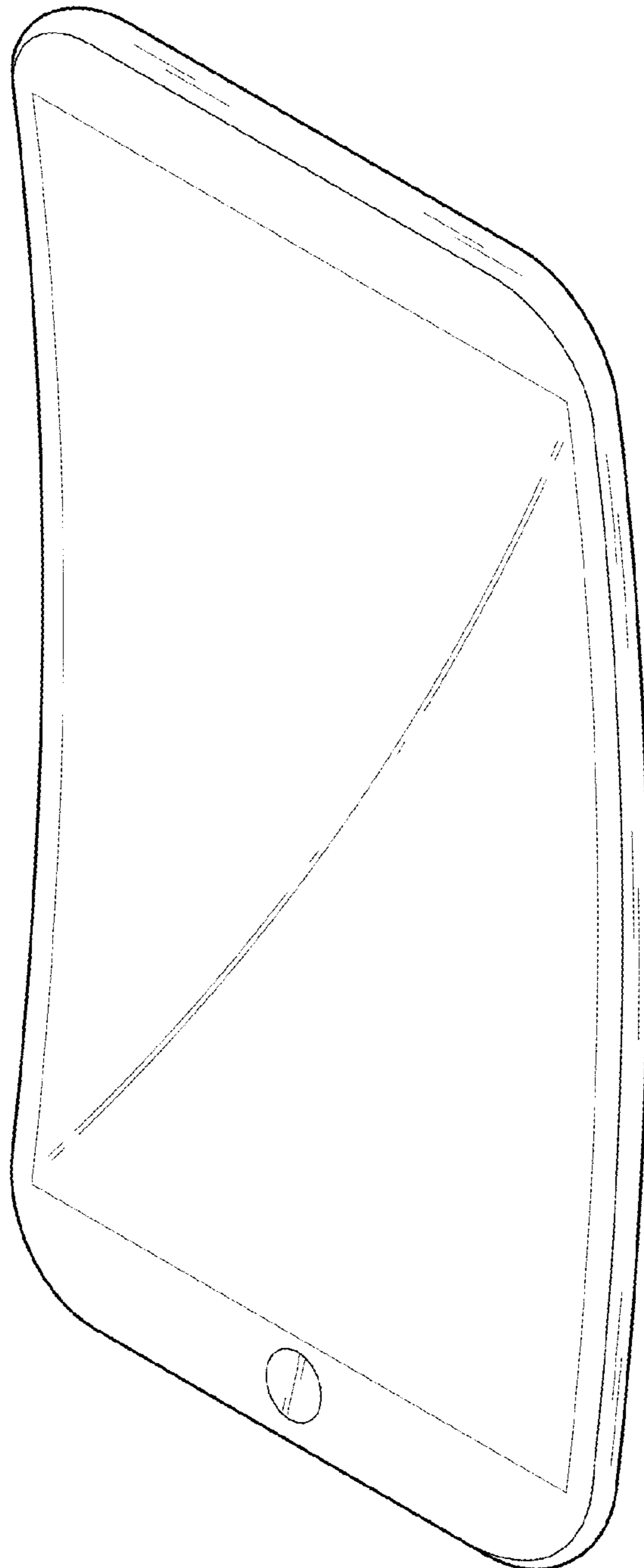


FIG. 7

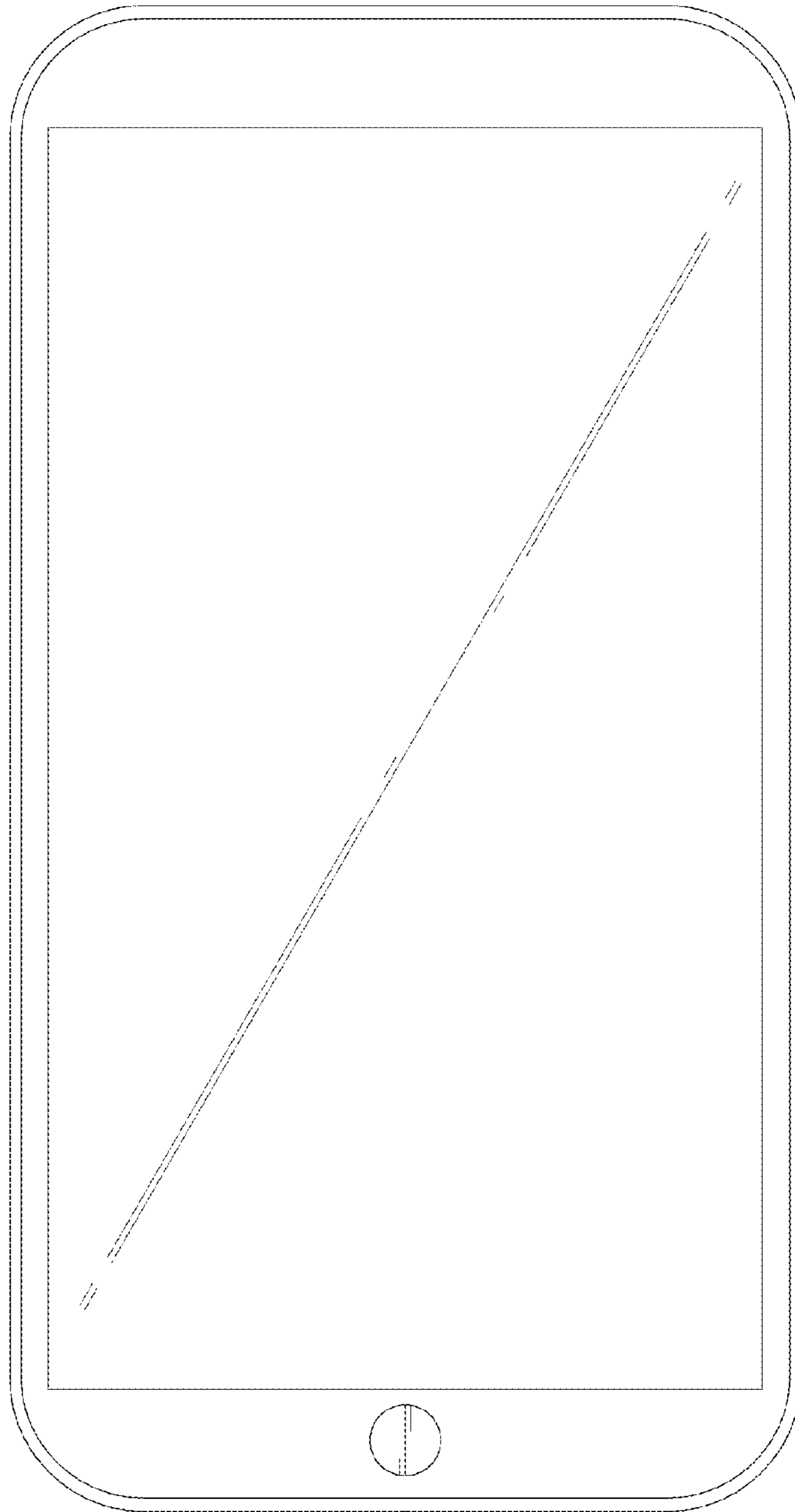


FIG. 8

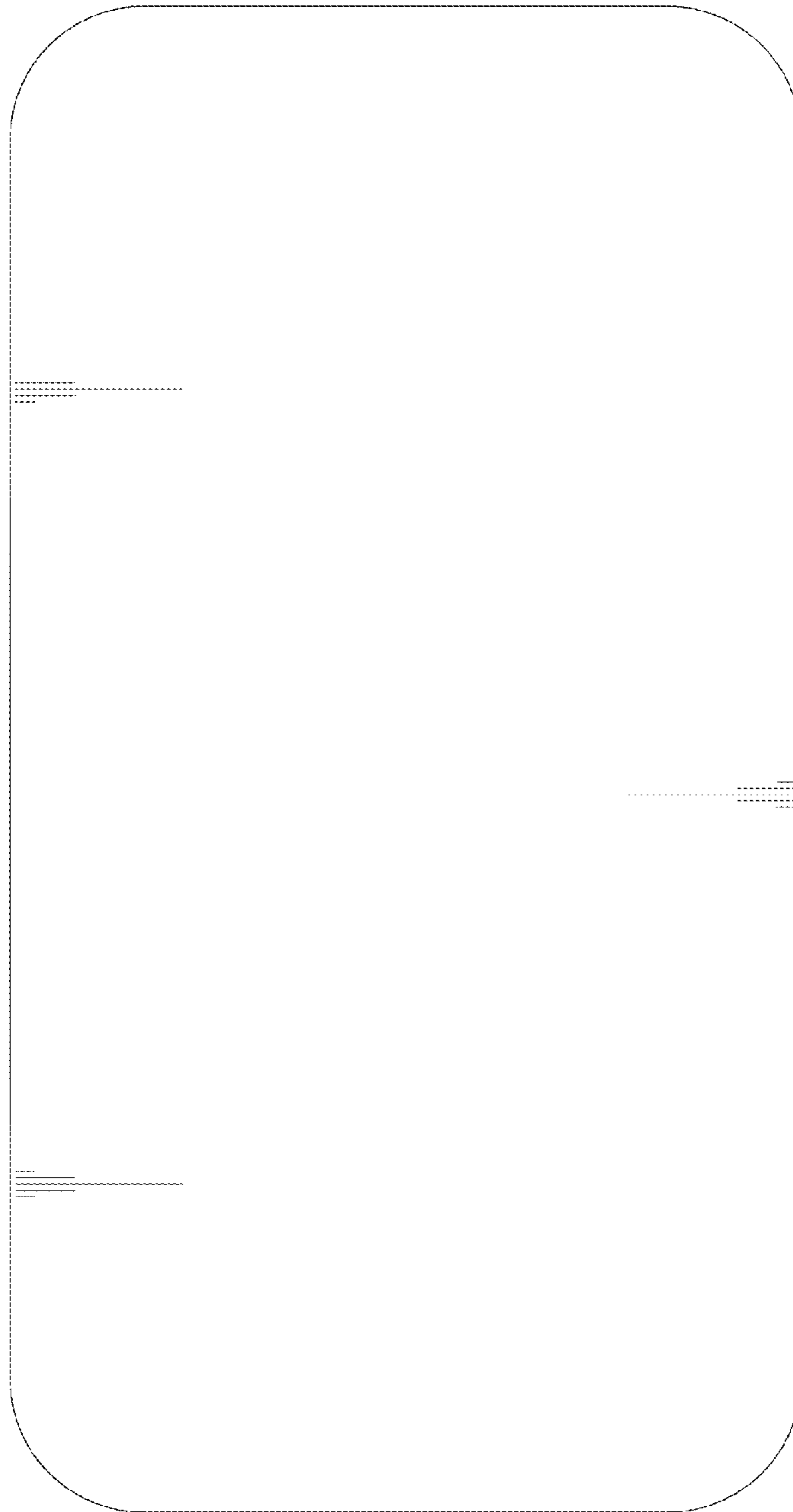


FIG. 9

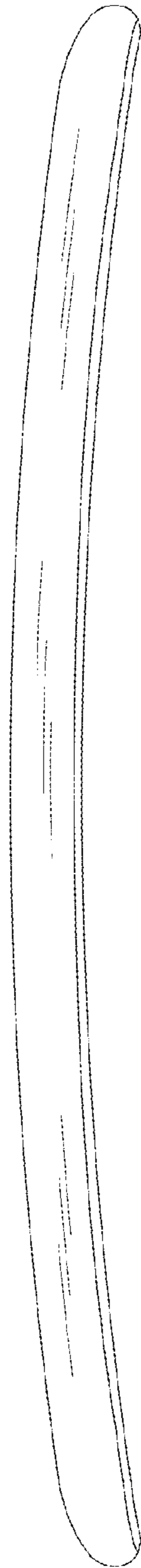


FIG. 10

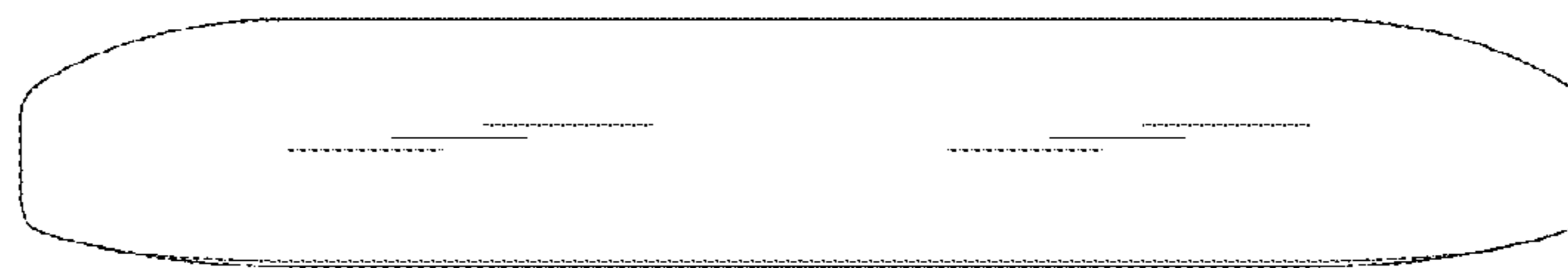


FIG. 11

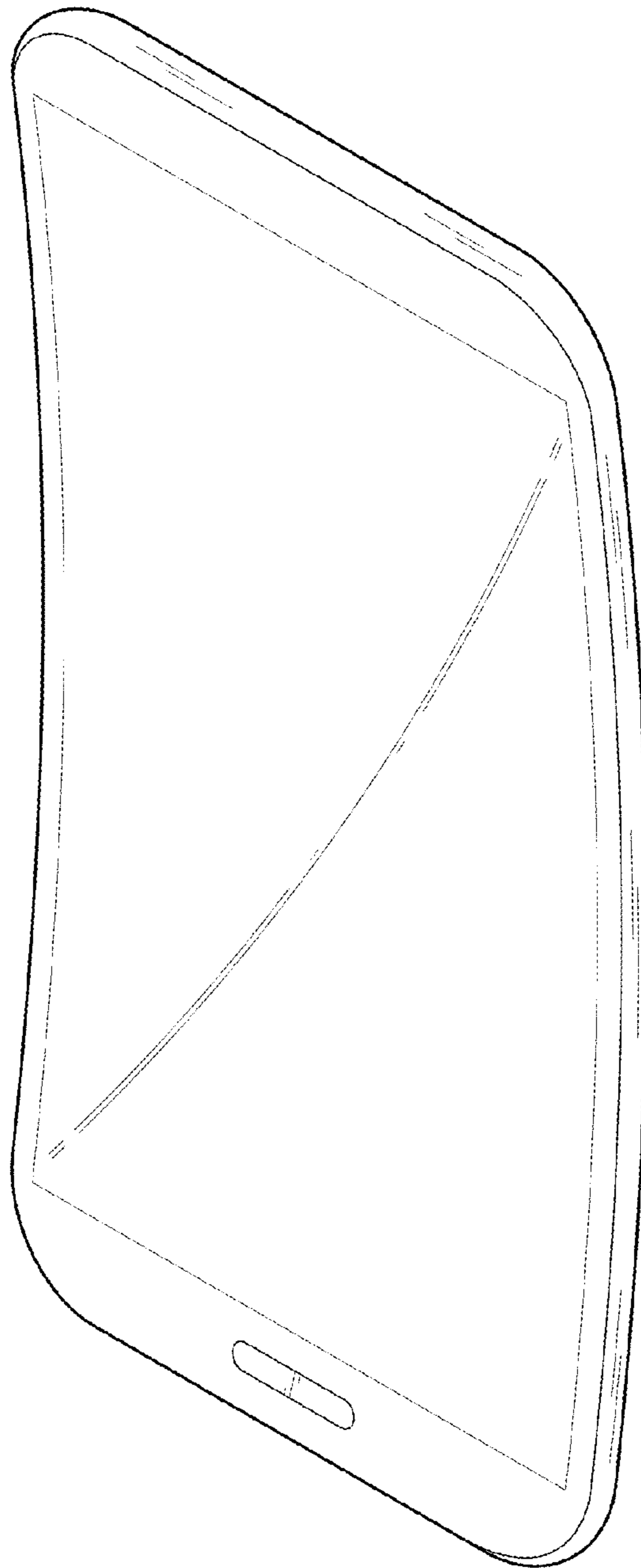


FIG. 12

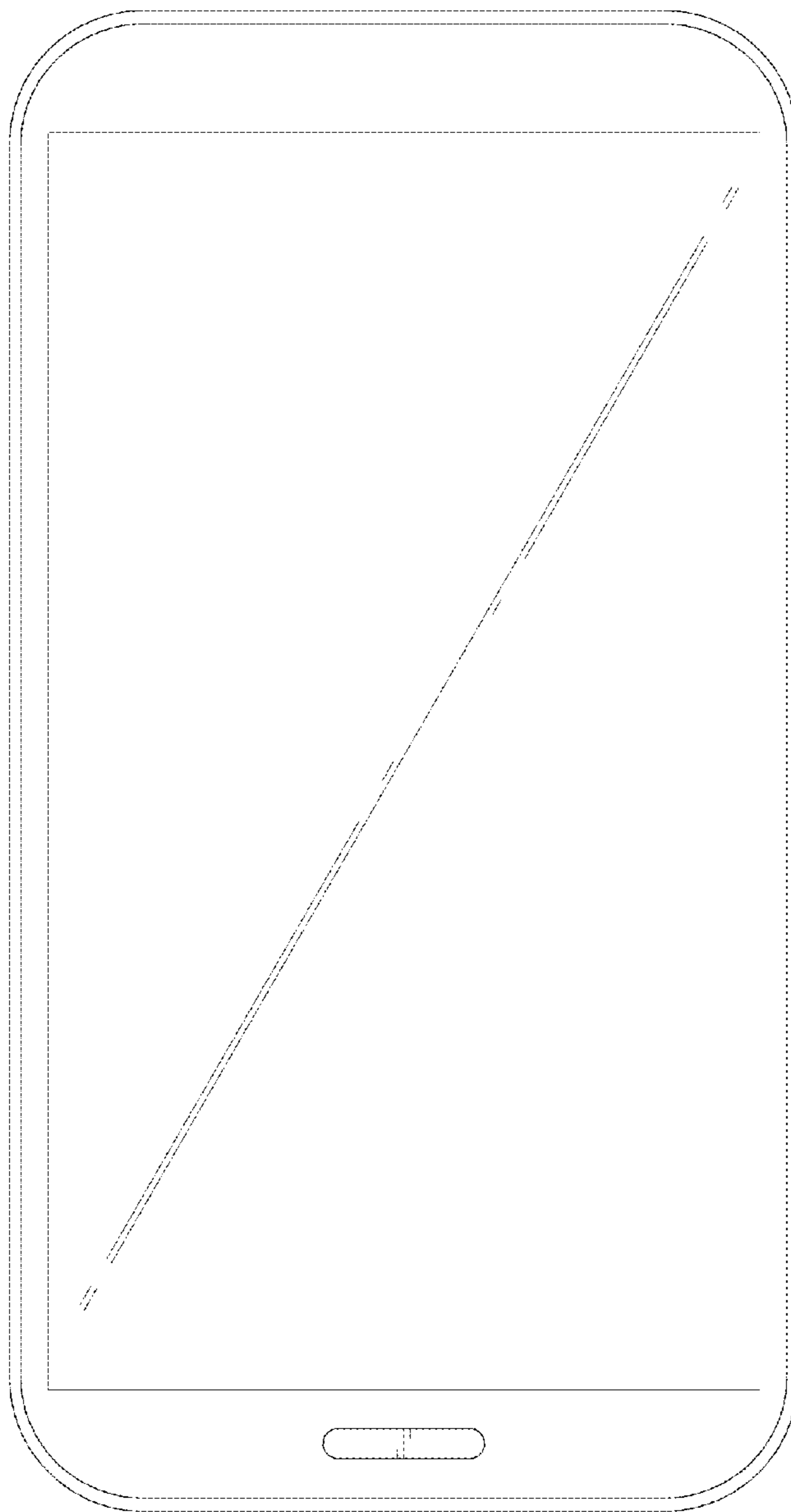


FIG. 13

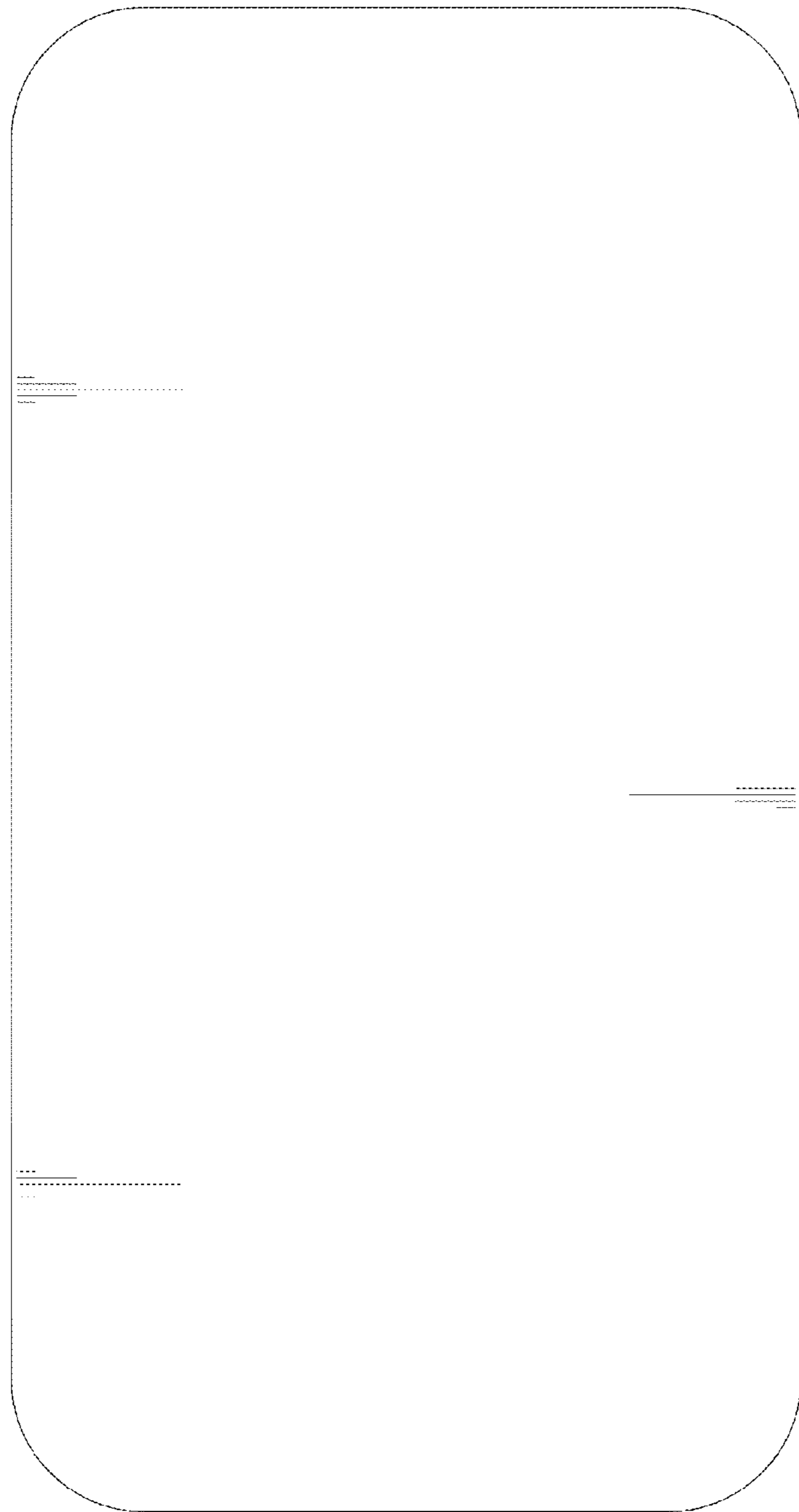


FIG. 14

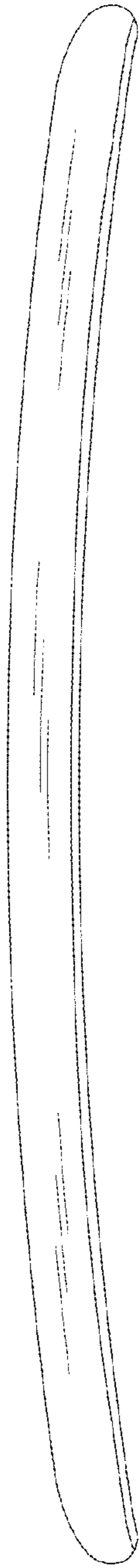


FIG. 15

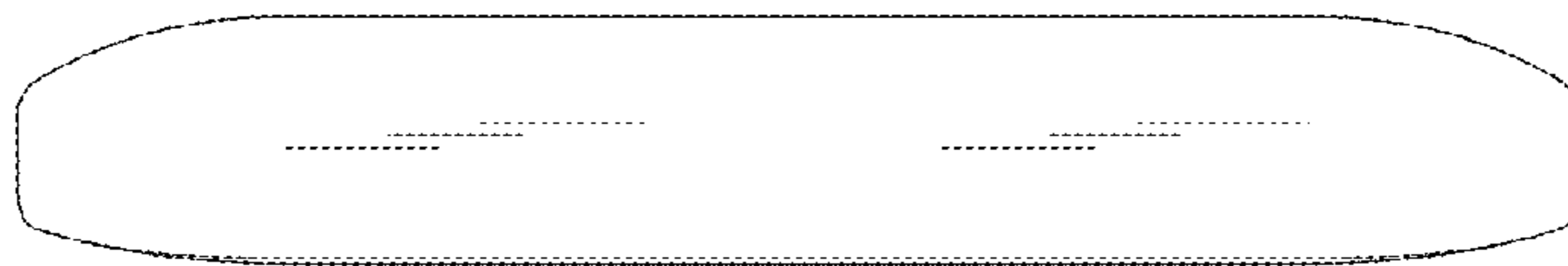


FIG. 16

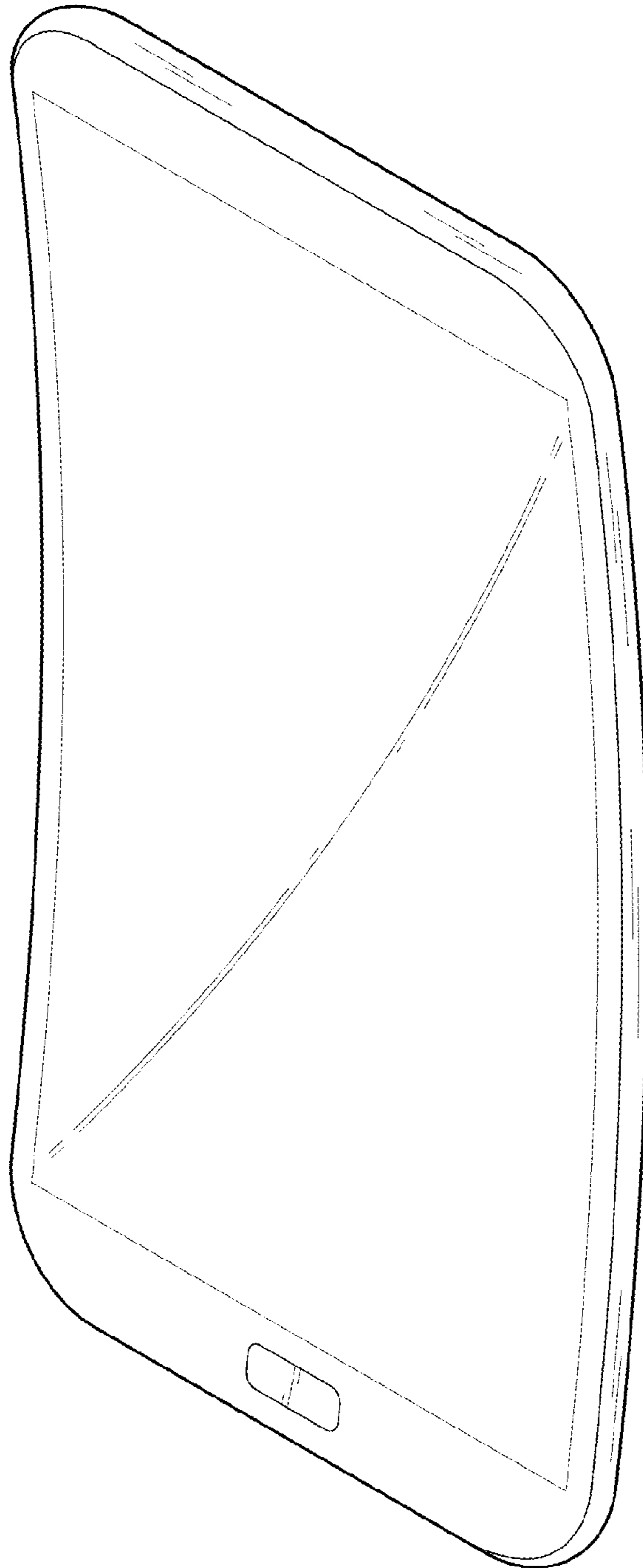


FIG. 17

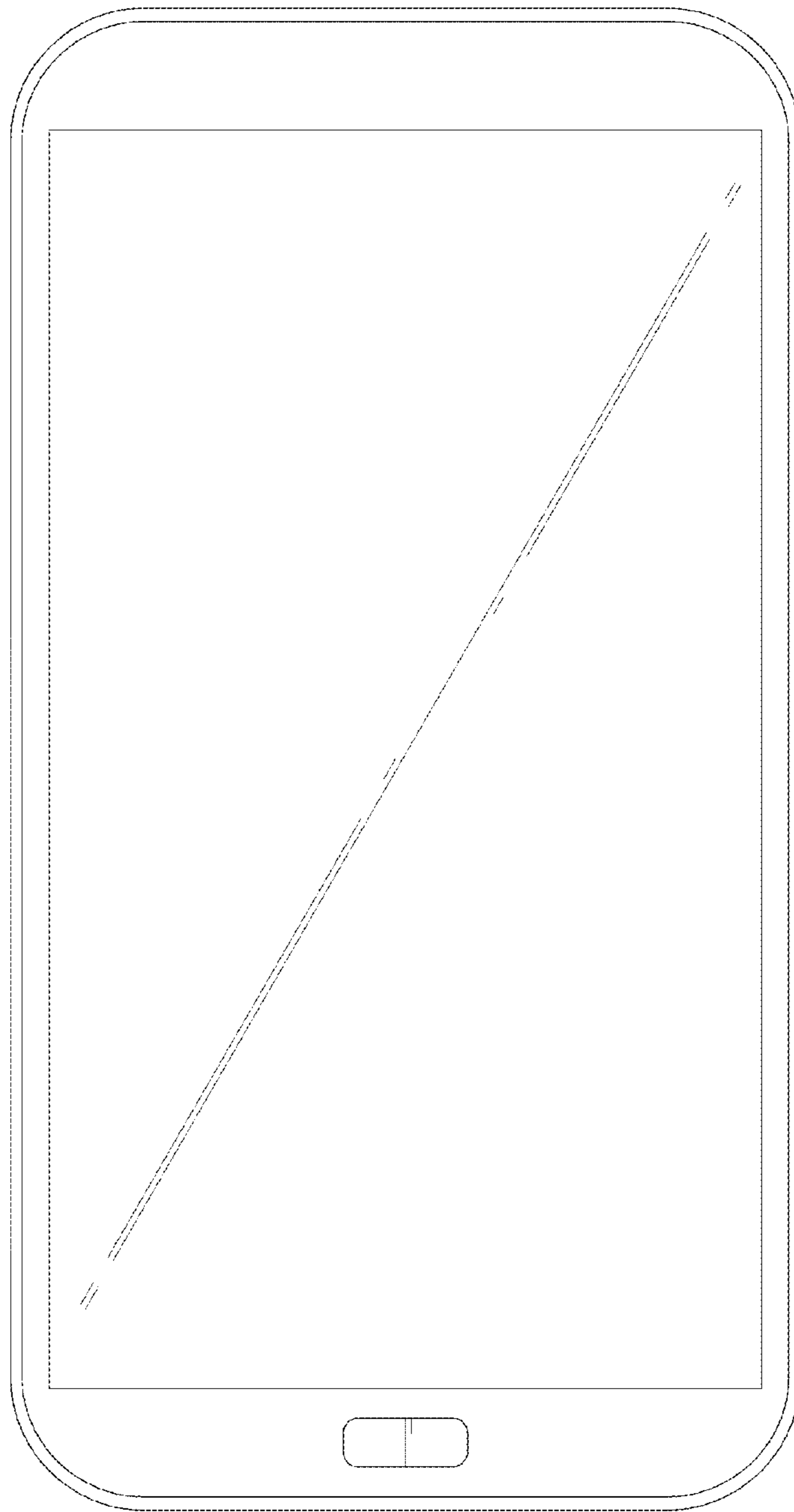


FIG. 18

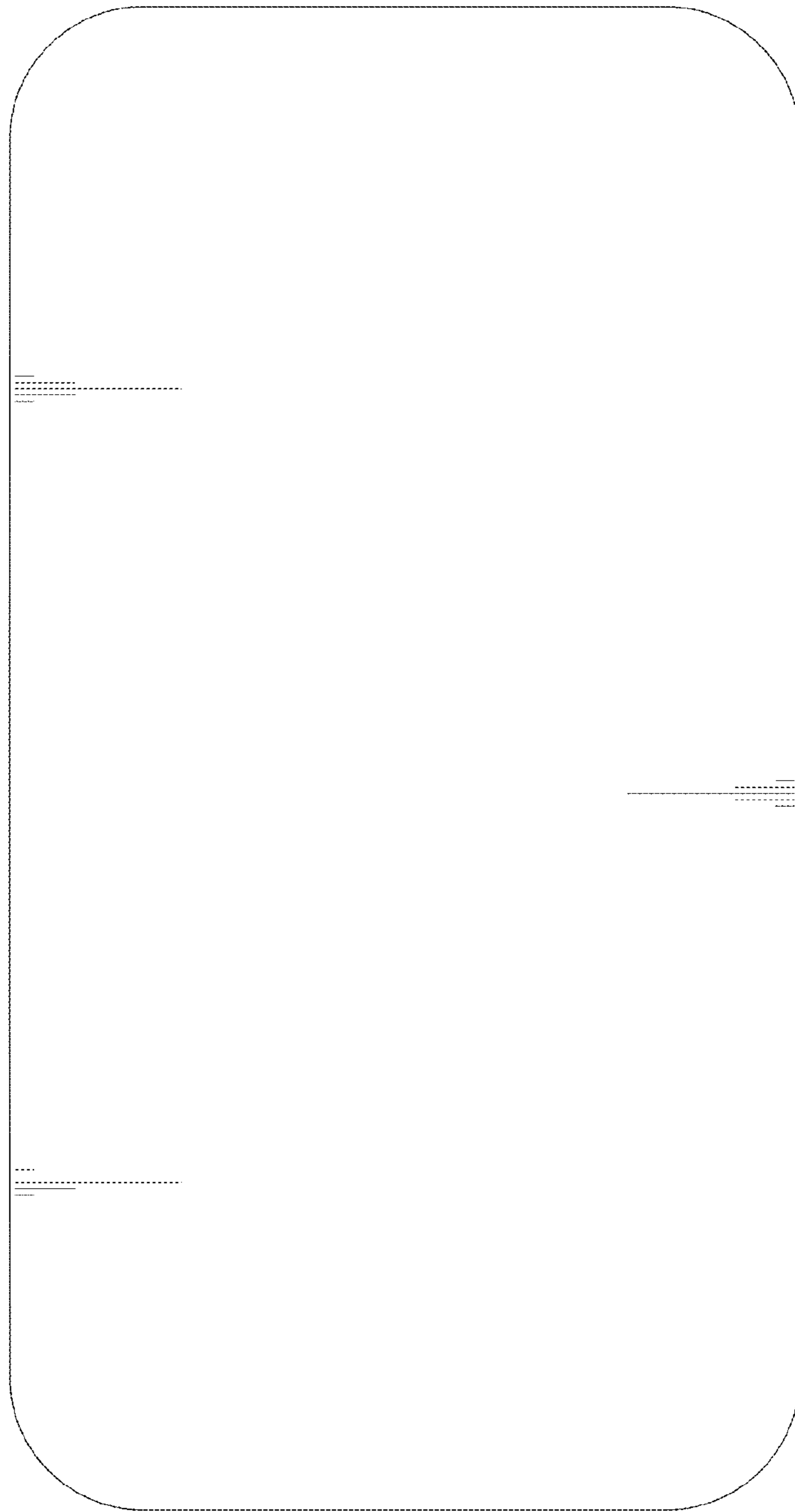


FIG. 19

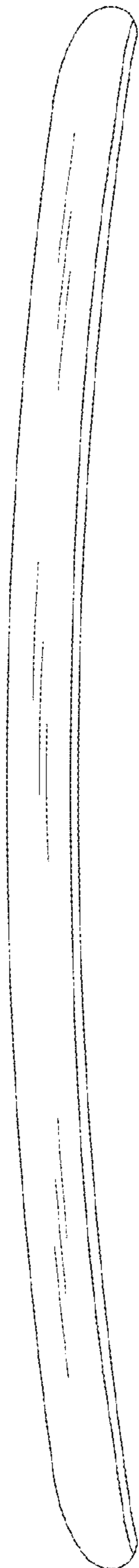


FIG. 20

