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

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(54) **COMPUTING DEVICE WITH SENSOR**

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(52) **U.S. Cl.**
USPC **D14/341**

(58) **Field of Classification Search**
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D14/203.7, 129, 130, 147, 218, 247, 248,
D14/388, 389, 315-318, 420, 426;
D10/49-50, 65, 104.1; D18/6, 7;
D21/324, 329, 330, 332; 455/556.1,
455/556.2, 566, 575.1, 90.3; 379/433.04,
379/433.01, 433.06, 916; 345/173, 901,
345/905; 361/679.26, 679.27, 679.3,
361/679.55, 679.56; D6/308, 310; D19/26,
D19/59-60; D11/222
CPC A63H 33/3016; G06F 1/1613; H04M
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1/0283
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D47,860 S * 9/1915 Palmer D11/222
D101,943 S * 11/1936 Fischer D11/222

(Continued)

FOREIGN PATENT DOCUMENTS

CN 1603176 4/2005
CN 101111817 1/2008

(Continued)

OTHER PUBLICATIONS

SIPO Chinese Patent Office Action received for Chinese Patent Application No. 201010208647.5, mailed on Jun. 14, 2012.

(Continued)

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(57) **CLAIM**

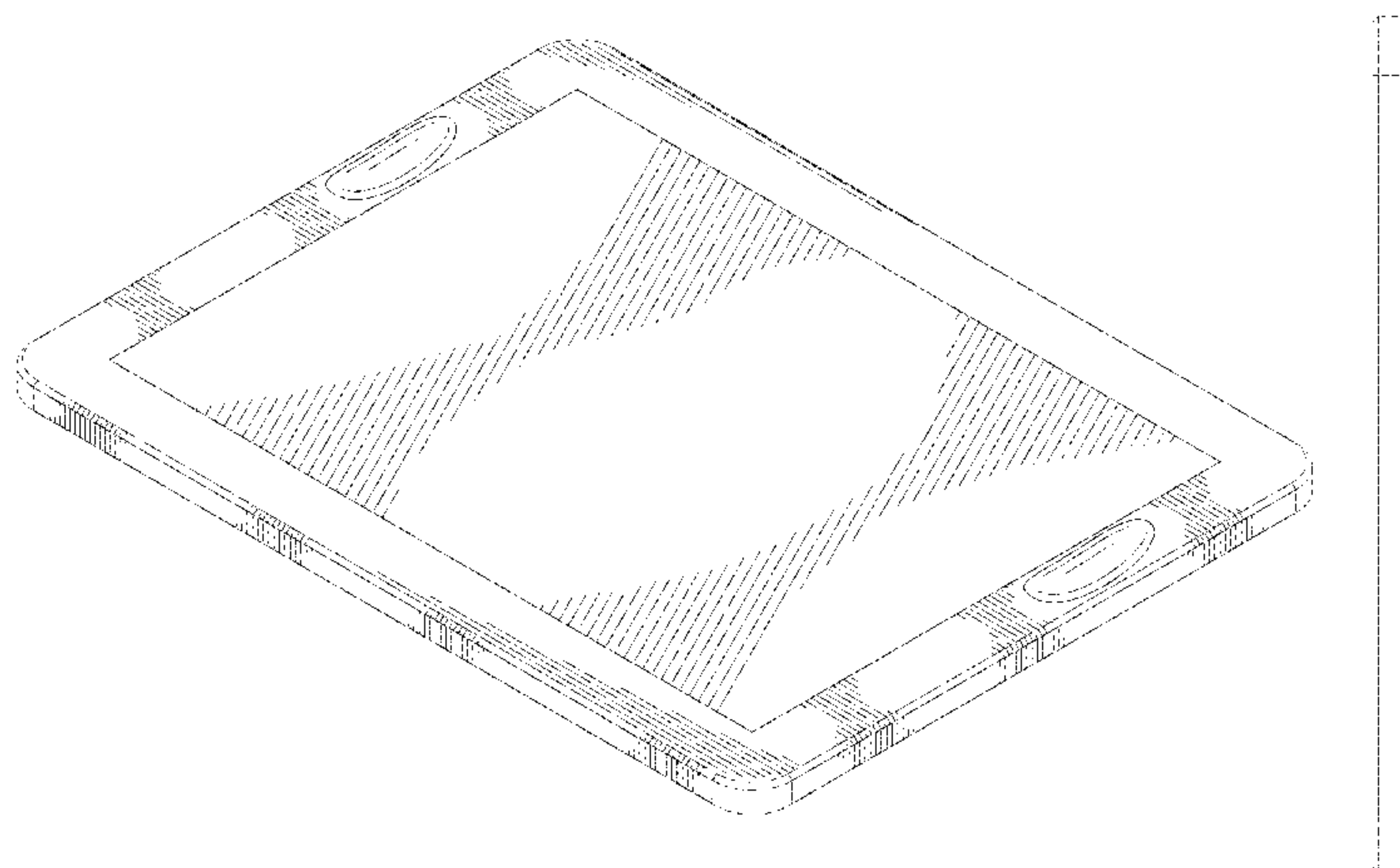
The ornamental design for a computing device with sensor, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a first embodiment of a computing device with sensor showing our new design;
FIG. 2 is a front thereof;
FIG. 3 is a back view thereof;
FIG. 4 is a side view thereof;
FIG. 5 is another side view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a bottom view thereof;
FIG. 8 is a perspective view of a second embodiment of a computing device with sensor showing our new design;
FIG. 9 is a front view thereof;
FIG. 10 is a back view thereof;
FIG. 11 is a side view thereof;
FIG. 12 is another side view thereof;
FIG. 13 is a top view thereof;
FIG. 14 is a bottom view thereof;
FIG. 15 is a perspective view of a third embodiment of a computing device with sensor showing our new design;
FIG. 16 is a front view thereof;
FIG. 17 is a back view thereof;
FIG. 18 is a side view thereof;
FIG. 19 is another side view thereof;
FIG. 20 is a top view thereof; and,
FIG. 21 is a bottom view thereof.

The broken lines shown in the FIGURES represent portions of the computing device with sensor that form no part of the claimed design. The broken lines and the unshaded regions bounded by broken lines of the preceding FIGURES illustrate boundaries and, therefore, form no part of the claimed design. Non-oblique line shading is meant to show contour and not surface ornamentation.

1 Claim, 15 Drawing Sheets



(56)

References Cited

FOREIGN PATENT DOCUMENTS

U.S. PATENT DOCUMENTS

D270,061 S * 8/1983 Ackeret D6/308
 5,355,148 A 10/1994 Anderson
 D363,271 S * 10/1995 Peterson D14/341
 D367,046 S * 2/1996 Haraga et al. D14/318
 D398,923 S * 9/1998 Tokiyama et al. D14/137
 5,801,918 A 9/1998 Ahearn et al.
 D406,833 S * 3/1999 Page et al. D14/137
 D417,201 S * 11/1999 Davis D14/343
 D463,404 S 9/2002 Sadatsuki
 D465,218 S * 11/2002 Schebesch et al. D14/343
 D504,889 S * 5/2005 Andre et al. D14/341
 7,002,553 B2 2/2006 Shkolnikov
 D524,780 S * 7/2006 Johansson D14/138 AA
 D528,031 S * 9/2006 Kellond D14/159
 D537,441 S * 2/2007 Bruker D14/341
 D550,642 S * 9/2007 Jiang et al. D14/138 AA
 D558,166 S * 12/2007 Black D14/138 AA
 D559,138 S 1/2008 Cothron
 D574,347 S * 8/2008 Lee et al. D14/138 AA
 D577,018 S * 9/2008 Lin D14/346
 D577,298 S * 9/2008 Reeson et al. D10/65
 D585,891 S * 2/2009 Black D14/346
 D592,211 S * 5/2009 Ichise et al. D14/346
 D599,762 S * 9/2009 Black D14/138 AA
 D603,603 S * 11/2009 Laine et al. D3/218
 D608,321 S * 1/2010 Husgafvel D14/138 AA
 D613,294 S * 4/2010 Lee et al. D14/439
 D614,626 S * 4/2010 Dai et al. D14/426
 D616,436 S * 5/2010 Busri D14/341
 D624,601 S * 9/2010 Grossman D21/333
 D631,027 S * 1/2011 Li D14/138 AA
 D633,882 S 3/2011 Sadatsuki
 D636,769 S * 4/2011 Wood et al. D14/341
 D638,392 S * 5/2011 Price et al. D14/138 AD
 D640,221 S * 6/2011 Lee et al. D14/138 AD
 D640,224 S 6/2011 Sadatsuki
 D643,007 S * 8/2011 Song D14/138 G
 D649,543 S * 11/2011 Tseng et al. D14/315
 D652,000 S 1/2012 Liu
 D654,893 S * 2/2012 Jung D14/138 G
 D665,761 S 8/2012 Russo
 D665,764 S 8/2012 Shi et al.
 D670,286 S * 11/2012 Akana et al. D14/341
 D671,931 S 12/2012 Fathollahi
 D672,343 S * 12/2012 Akana et al. D14/341
 D675,587 S 2/2013 Russo
 D680,983 S * 4/2013 Park D14/138 G
 D683,725 S * 6/2013 Ogishita et al. D14/315
 D686,178 S 7/2013 Lee
 D687,822 S * 8/2013 Growney et al. D14/341
 D690,300 S * 9/2013 Akana et al. D14/341
 D693,340 S * 11/2013 Ohshima D14/341
 D695,251 S 12/2013 Lee
 D698,342 S 1/2014 Gronewoller et al.
 D701,501 S 3/2014 Adamson et al.
 8,674,951 B2 * 3/2014 Ferren et al. 345/173
 D702,661 S 4/2014 Oh et al.
 D703,667 S * 4/2014 Song et al. D14/345
 D705,188 S 5/2014 Chau et al.
 D706,235 S * 6/2014 Kim D14/138 G
 D712,968 S * 9/2014 Gorelick et al. D20/10
 D713,369 S * 9/2014 Kim et al. D14/138 G
 D715,795 S * 10/2014 McManigal D14/341
 D721,079 S * 1/2015 Fujioka D14/440
 2005/0068756 A1 * 3/2005 Tsuji et al. 361/797
 2006/0197750 A1 9/2006 Kerr et al.
 2007/0144795 A1 6/2007 Tran
 2007/0264743 A1 11/2007 Vaganov et al.
 2008/0079692 A1 4/2008 Liang et al.
 2009/0103250 A1 4/2009 Takashima et al.
 2010/0134424 A1 6/2010 Brisebois et al.
 2010/0315356 A1 * 12/2010 Ferren et al. 345/173
 2013/0012319 A1 * 1/2013 Negroponte et al. 463/37
 2014/0192470 A1 * 7/2014 Ho et al. 361/679.26

CN 101203821 6/2008
 CN 101393480 3/2009
 DE 102005032413 1/2007
 EP 1014295 6/2000
 EP 1293928 3/2003
 GB 2309325 7/1997
 JP 06111695 4/1994
 JP 07160396 6/1995
 JP 2008097620 4/2008
 JP 2009025881 2/2009
 JP 2009093619 4/2009
 KR 1020070035102 3/2007
 KR 1020080111563 12/2008
 TW 200809588 2/2008
 WO WO 98/58346 12/1998
 WO WO 01/35328 5/2001
 WO WO 2006/022713 3/2006
 WO WO 2006/080858 8/2006
 WO WO 2007/147507 12/2007

OTHER PUBLICATIONS

SIPO Chinese Patent Office Action received for Chinese Patent SIPO Application No. 201010208647.5, mailed on Mar. 5, 2013.
 SIPO Chinese Patent Office Action received for Chinese Patent Application No. 201010208647.5, mailed on Jul. 21, 2014.
 German Patent Office Action received for German Patent Application No. 102010018864.6, mailed on Dec. 15, 2010.
 German Patent Office Action received for German Patent Application No. 102010018864.6, mailed on Jun. 13, 2014.
 United Kingdom Patent Office Action received for United Kingdom Patent Application No. 1009712.9, mailed on Sep. 30, 2010.
 United Kingdom Patent Office Action received for United Kingdom Patent Application No. GB 1009712.9, mailed on Aug. 26, 2011.
 Japan Patent Office Action received for Japanese Patent Application No. 2010-097573, mailed on Dec. 6, 2011.
 Japan Patent Office Action received for Japanese Patent Application No. 2010-097573, mailed on Mar. 27, 2012.
 Japan Patent Office Action received for Japanese Patent Application No. 2010-097573, mailed on Sep. 4, 2012.
 Korean Patent Office Action received for Korean Patent Application No. 10-2010-0056463, mailed on Jul. 22, 2011.
 Korean Patent Office Action received for Korean Patent Application No. 10-2010-0056463, mailed on Mar. 29, 2012.
 Taiwan Patent Office Action received for Taiwanese Patent Application No. 099118875, mailed on Apr. 8, 2014.
 Non-Final Office Action received for U.S. Appl. No. 12/646,220, mailed on Jul. 19, 2012.
 Final Office Action received for U.S. Appl. No. 12/646,220, mailed on Dec. 14, 2012.
 Non-Final Office Action received for U.S. Appl. No. 12/646,220, mailed on Apr. 12, 2013.
 Final Office Action received for U.S. Appl. No. 12/646,220, mailed on Aug. 7, 2013.
 Notice of Allowance received for U.S. Appl. No. 12/646,220, mailed on Oct. 28, 2013.
 Restriction Requirement in U.S. Appl. No. 29/450,312 mailed on Oct. 24, 2014.
 Non-Final Office Action in U.S. Appl. No. 29/450,316 mailed on Oct. 24, 2014.
 Saitek Obsidian 1000 dpi Wireless Rechargeable Optical Mouse, announced Oct. 7, 2008 [online], [site visited Sep. 18, 2014] Available from Internet, URL: <<http://www.amazon.com/gp/product/B000K4TWIM>>.
 Non-Final Office Action in U.S. Appl. No. 29/450,312 mailed on Jan. 14, 2015.
 U.S. Appl. No. 29/450,312, filed Mar. 15, 2013, Titled: "Computing Sensor", 9 pages.
 U.S. Appl. No. 29/450,316, filed Mar. 15, 2013, Titled: "Computing Sensor", 7 pages.
 Final Office Action in U.S. Appl. No. 29/450,316 mailed on Apr. 24, 2015.

* cited by examiner

FIG. 1

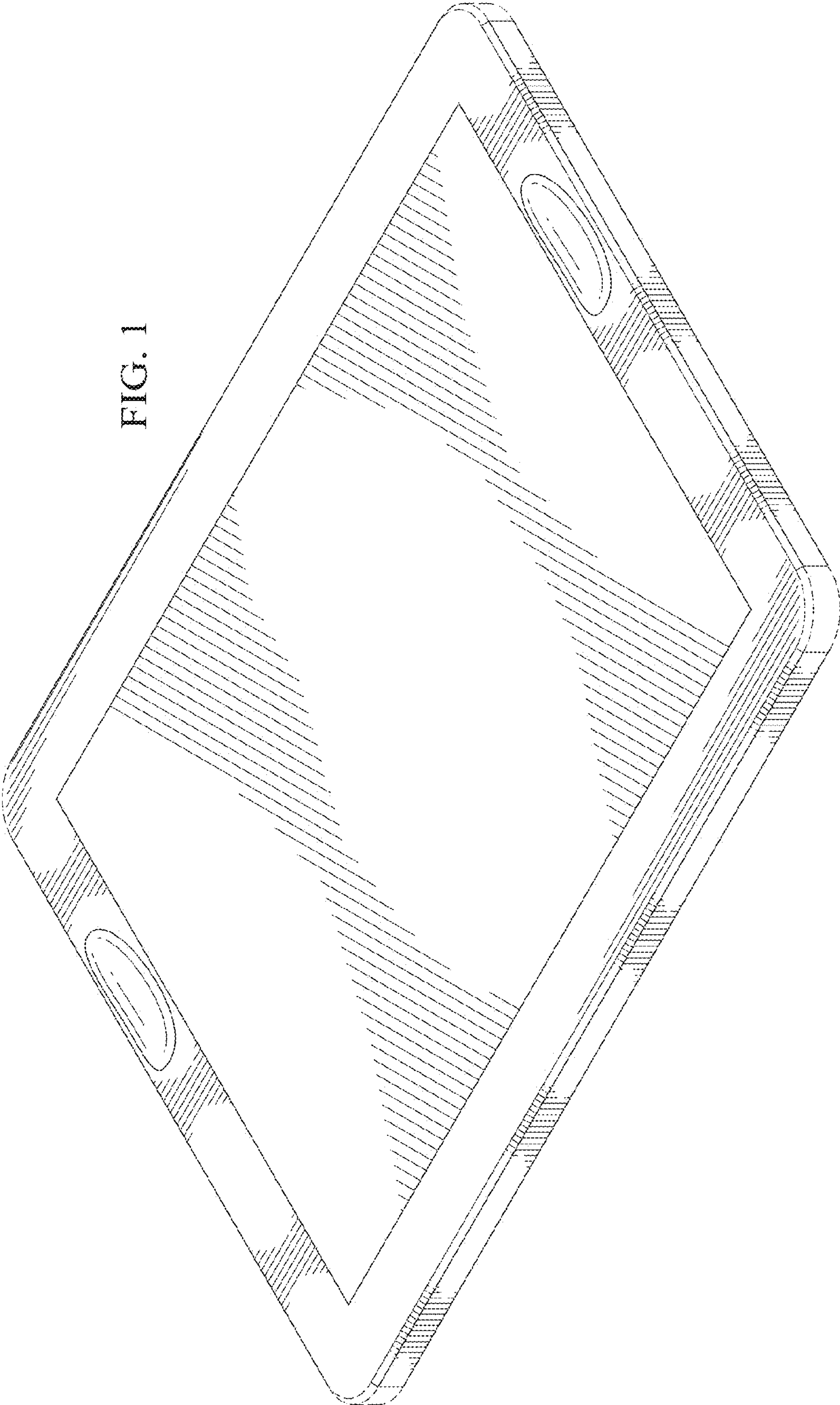


FIG. 2

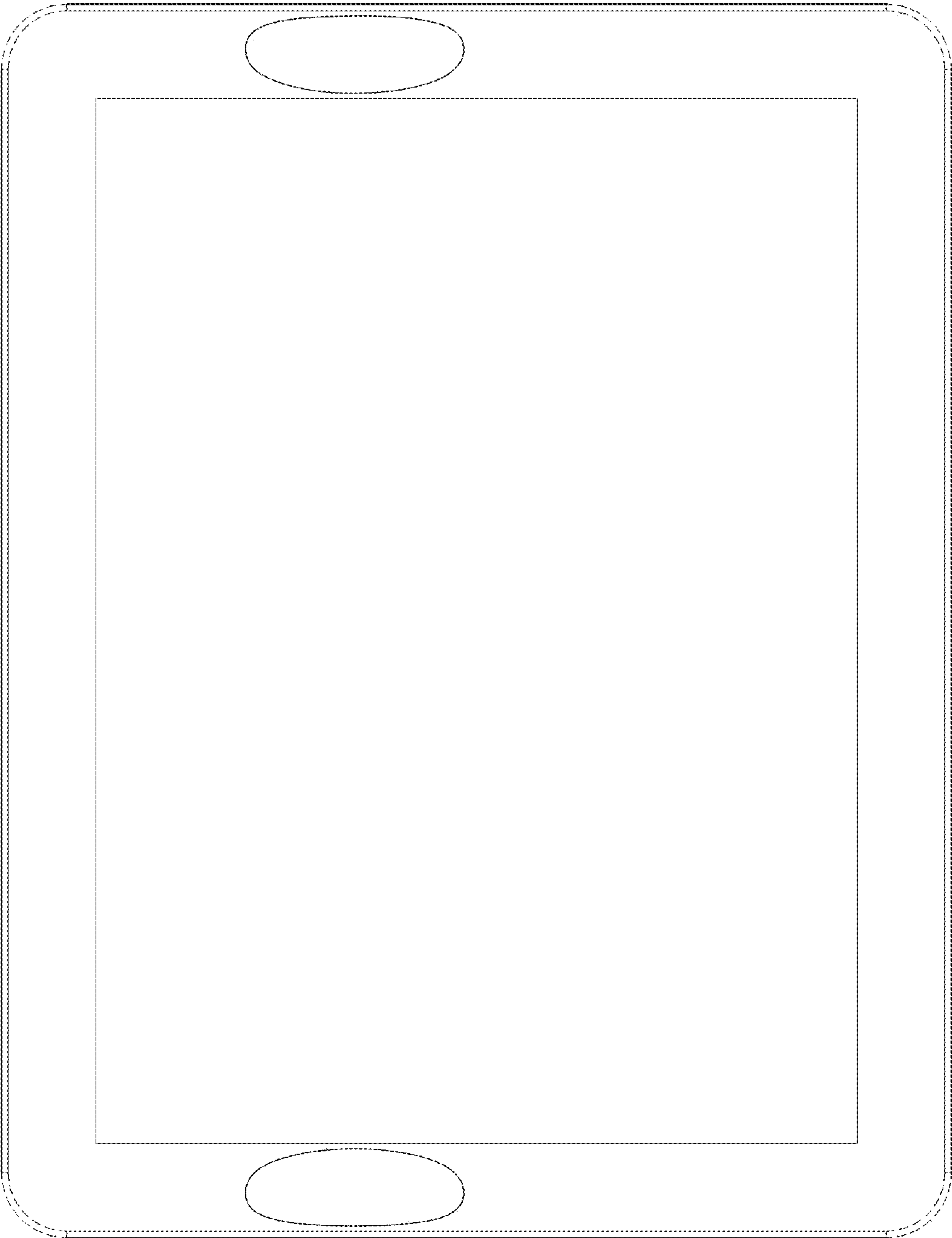
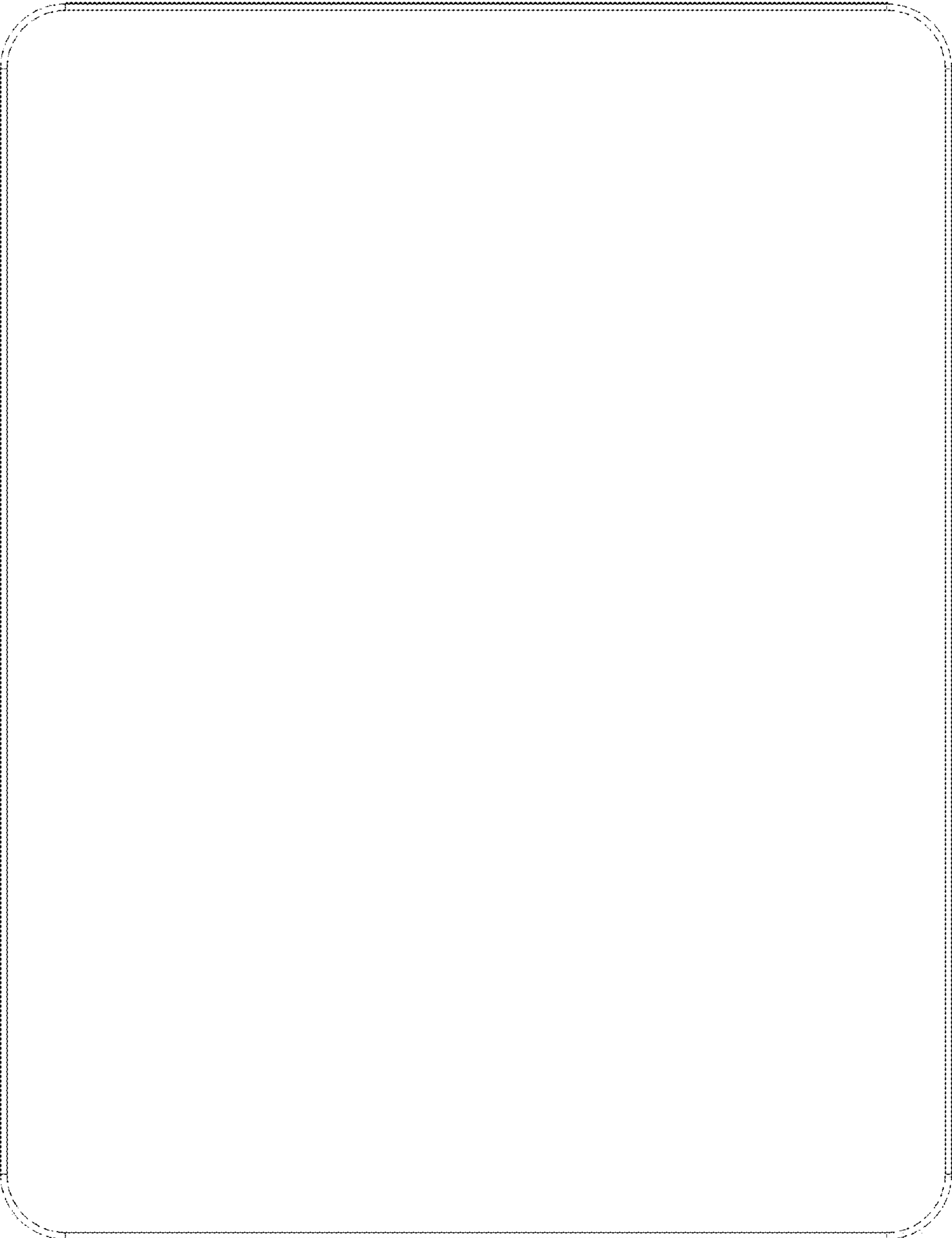


FIG. 3



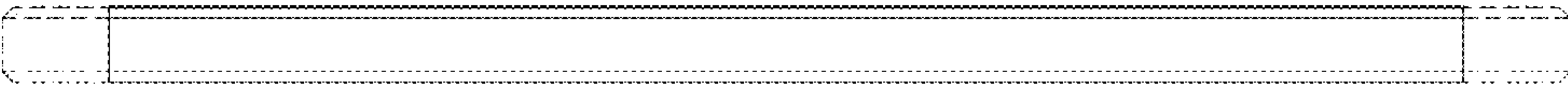


FIG. 5

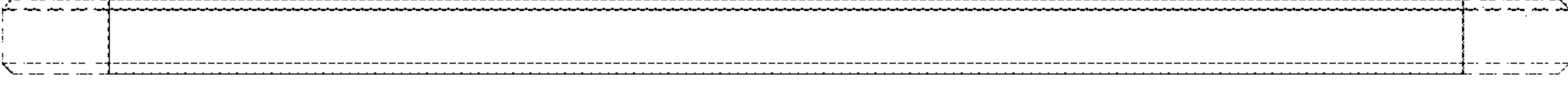


FIG. 4

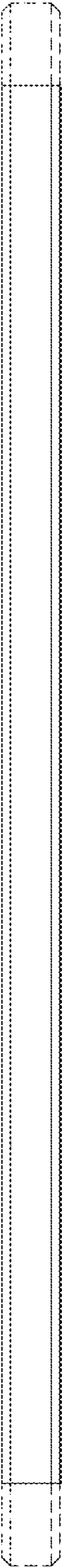


FIG. 6



FIG. 7

FIG. 8

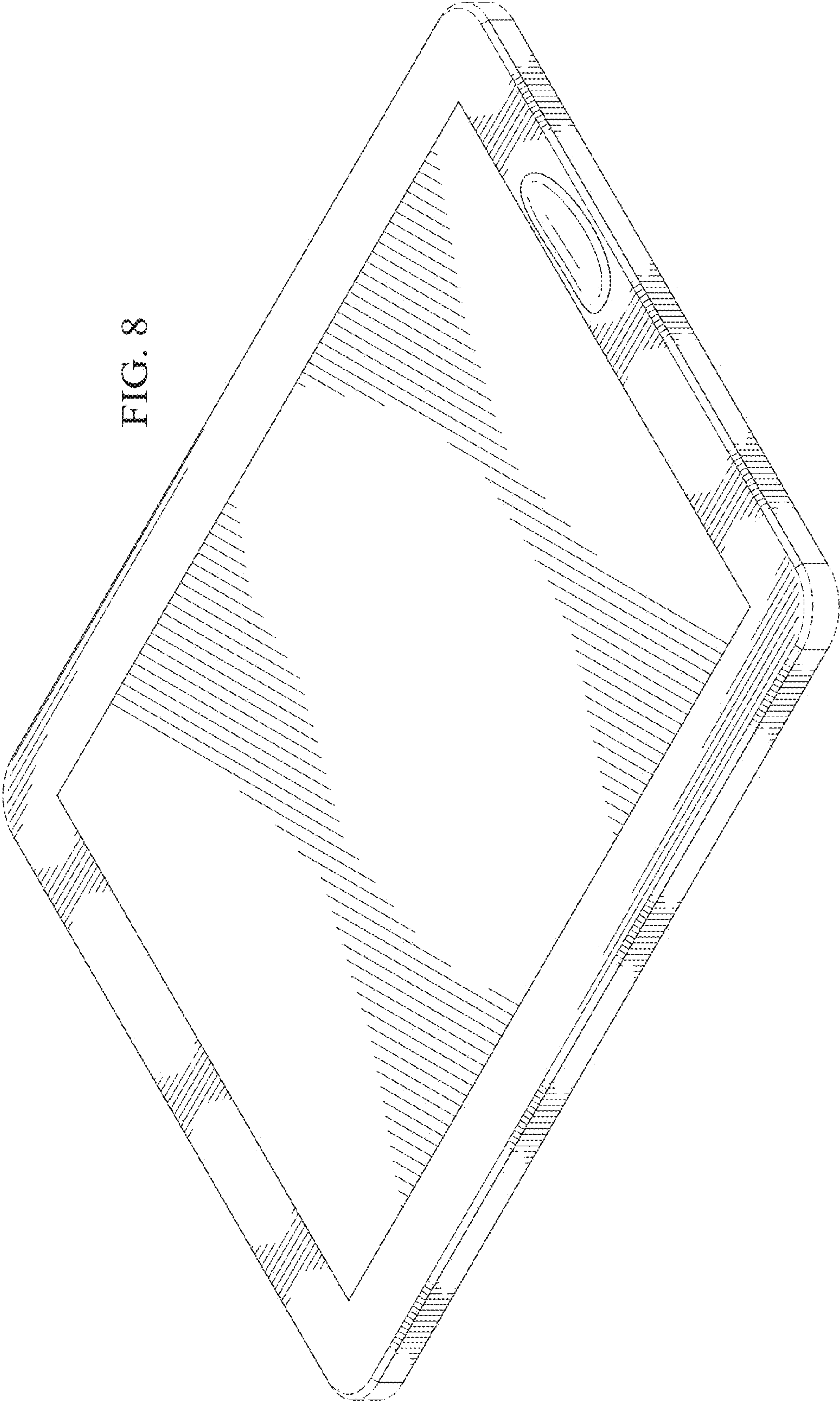


FIG. 9

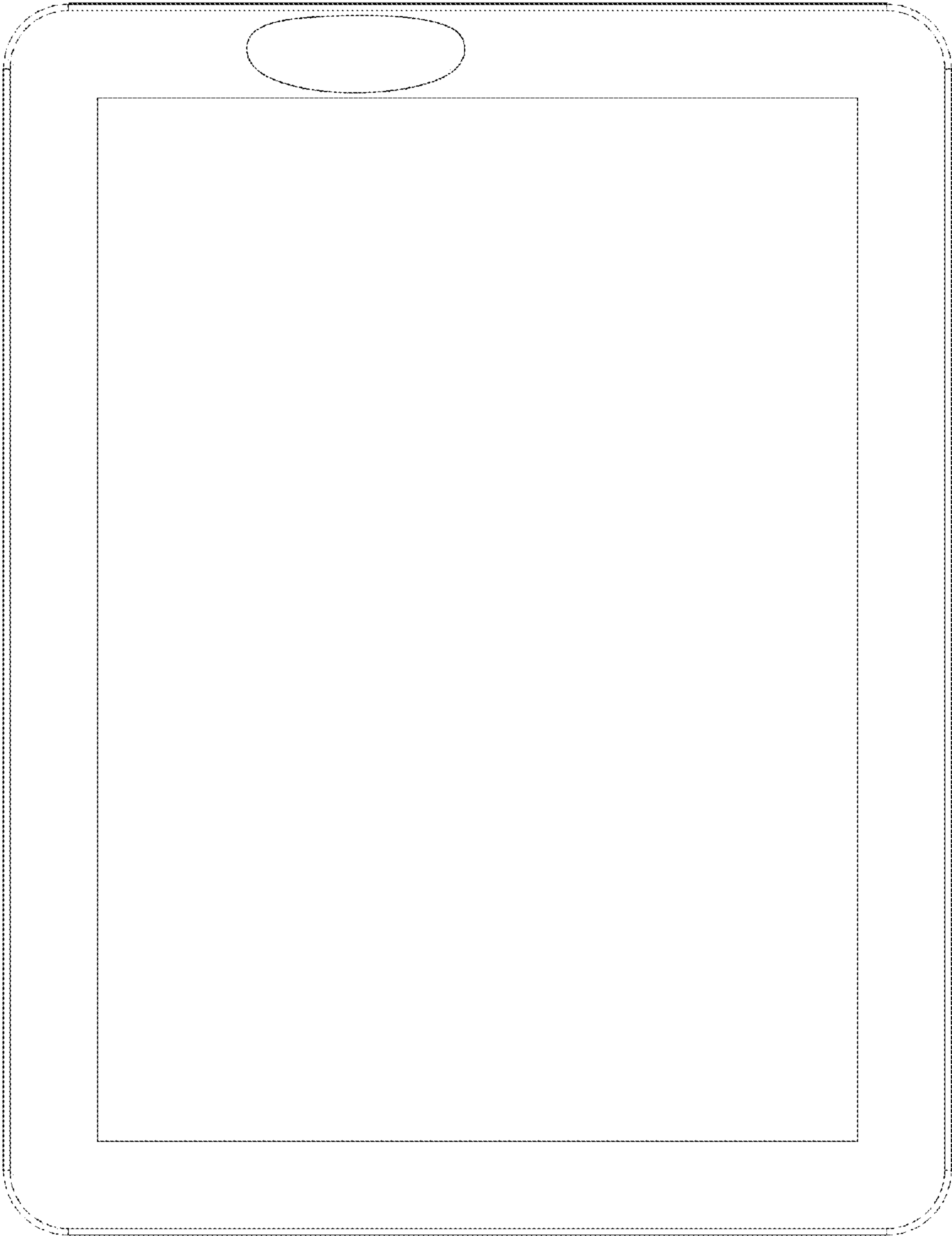
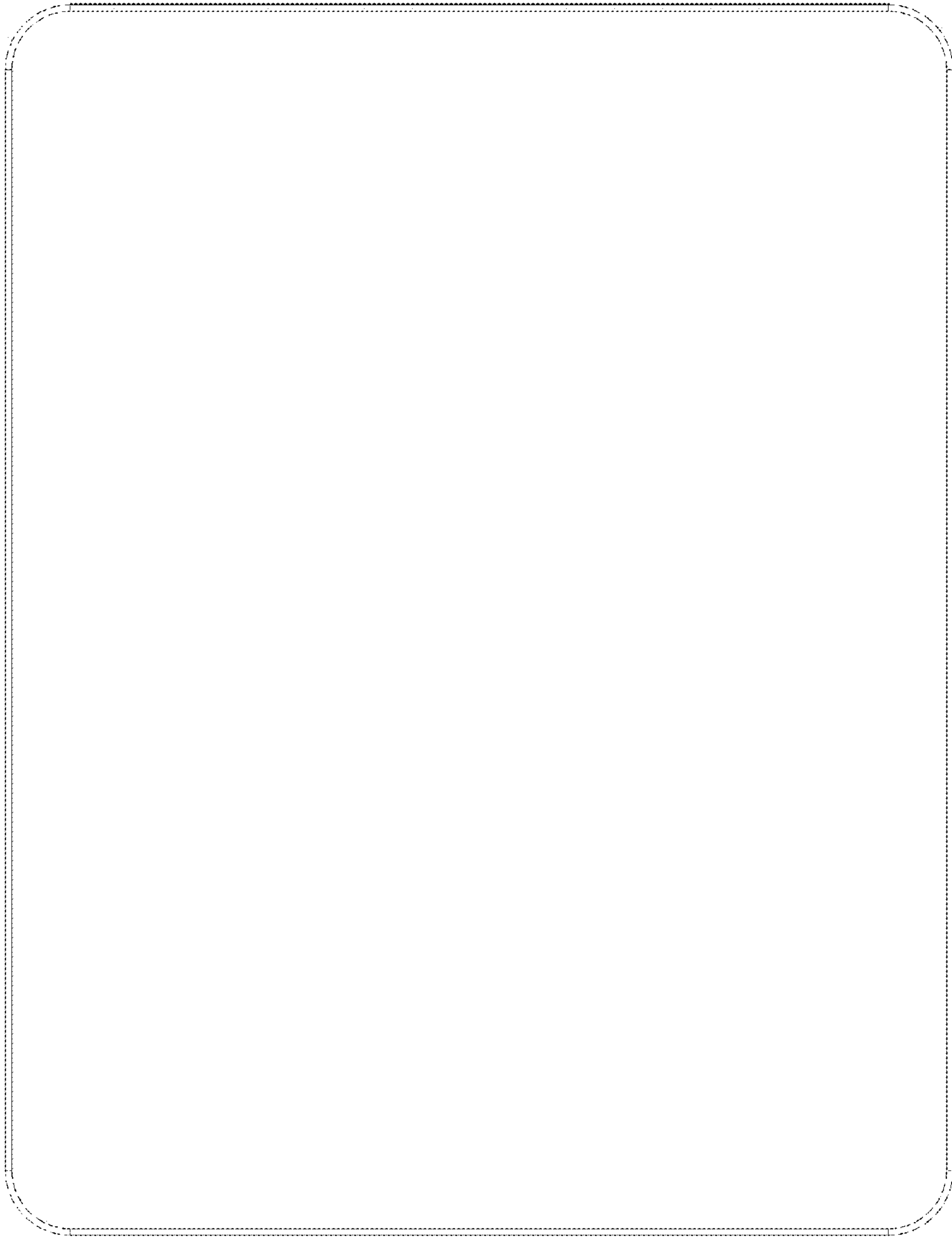


FIG. 10



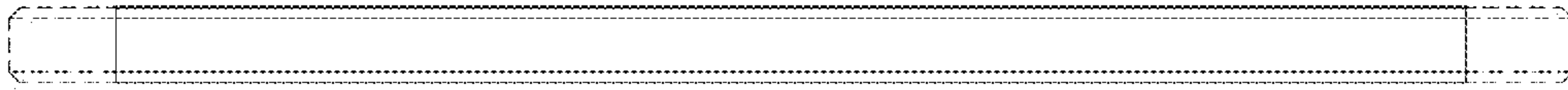


FIG. 12



FIG. 11

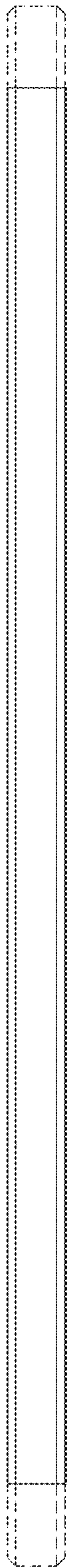


FIG. 13

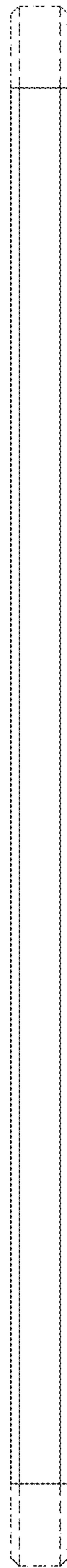


FIG. 14

FIG. 15

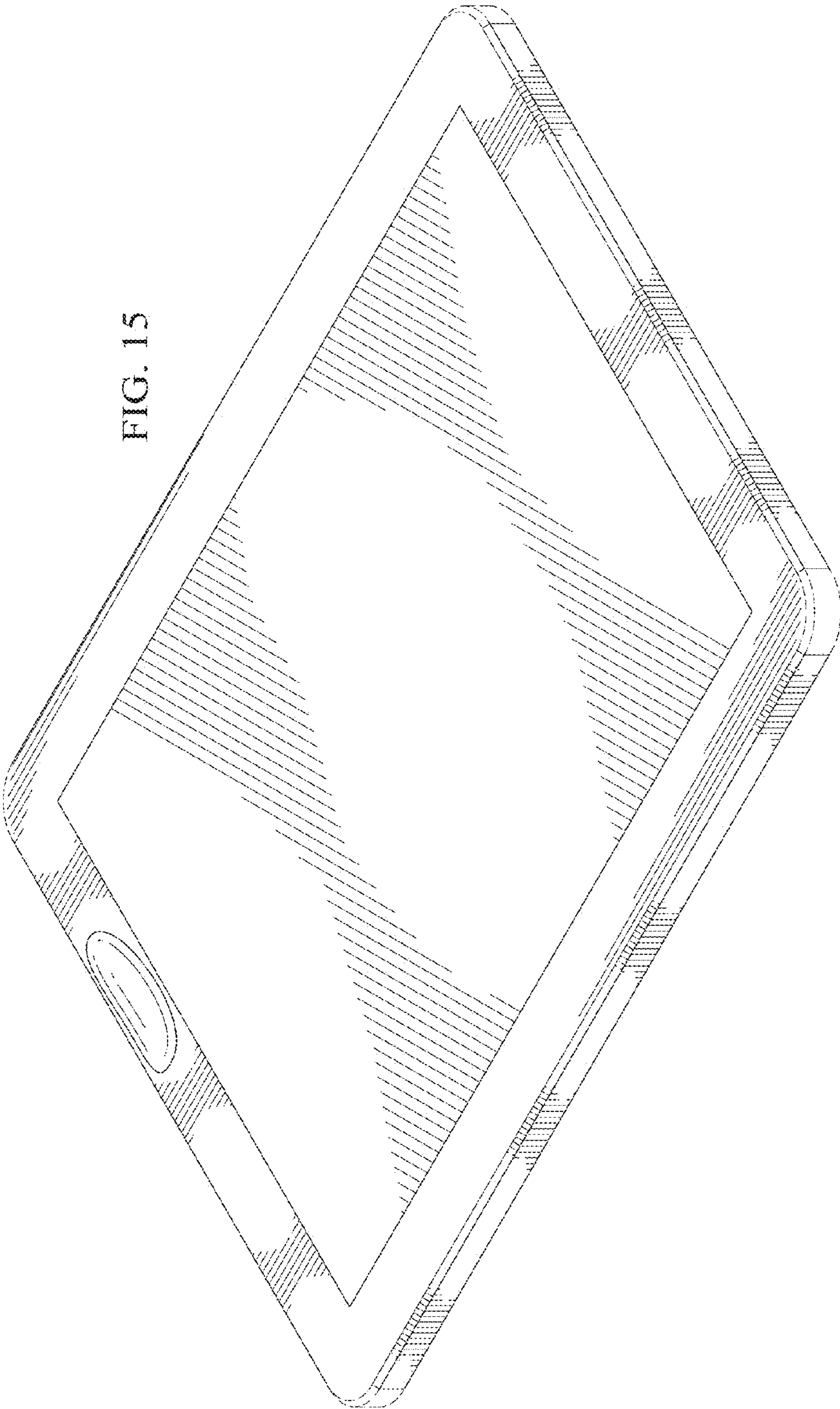


FIG. 16

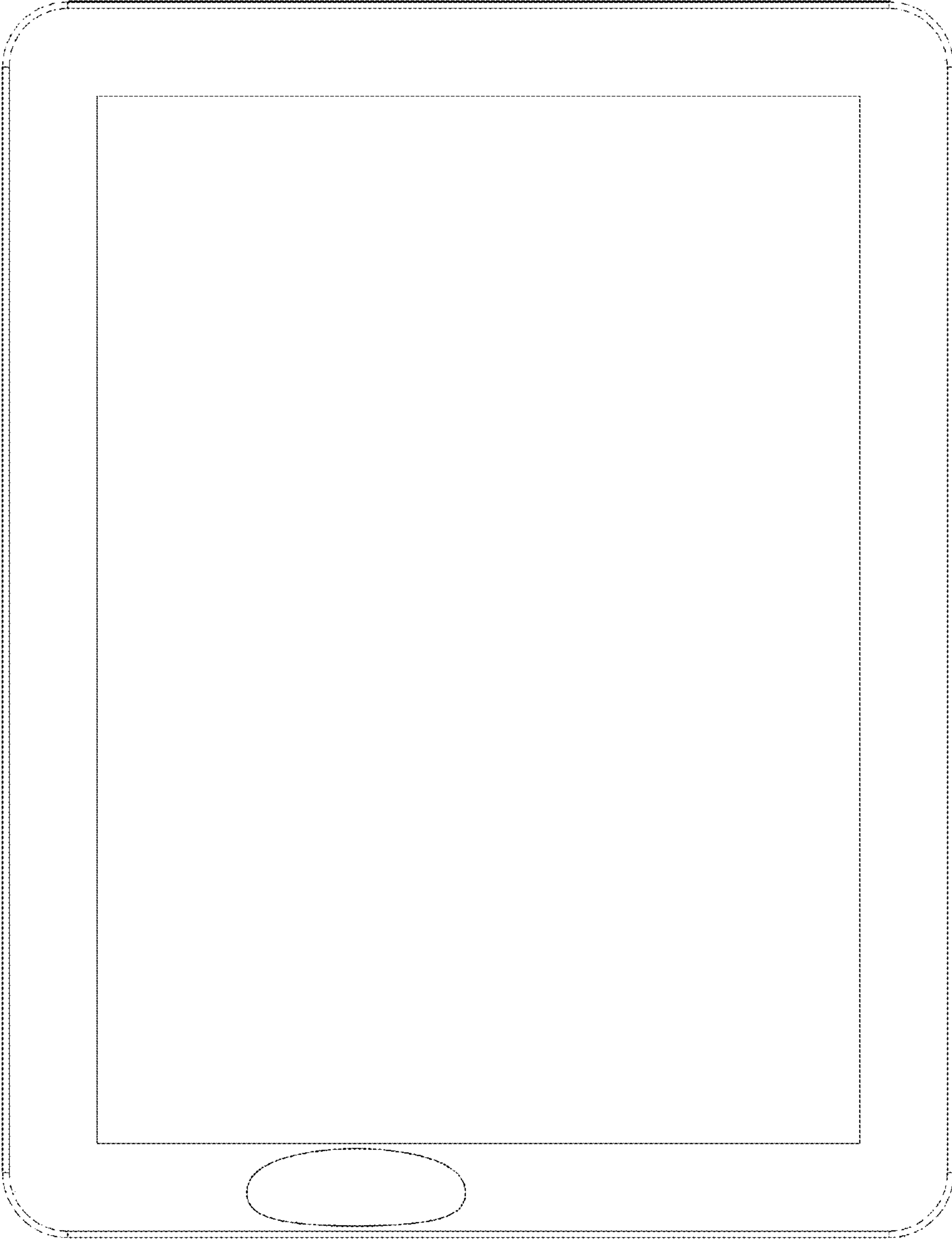


FIG. 17

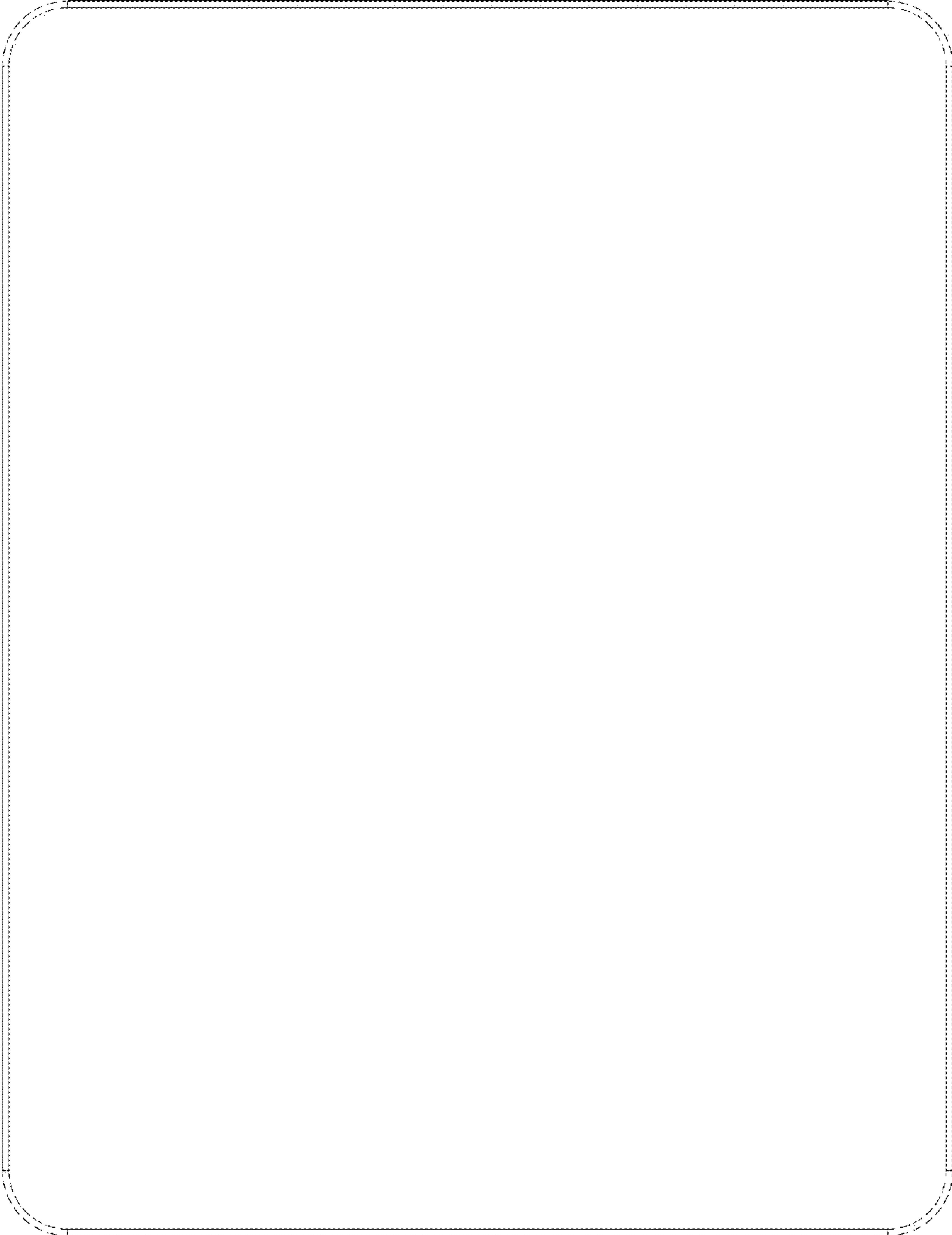




FIG. 19

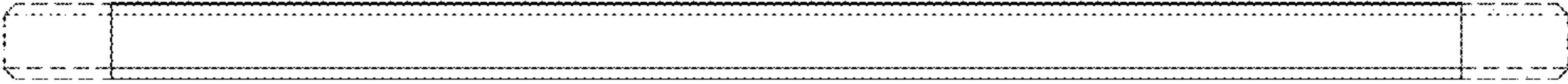


FIG. 18

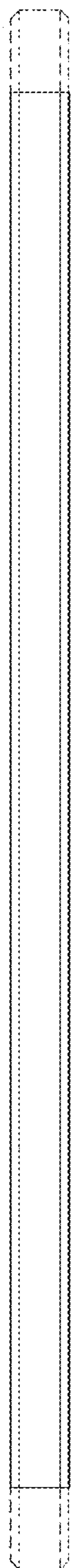


FIG. 20



FIG. 21