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

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(54) **HANDHELD ELECTRONIC DEVICE**

D617,755 S 6/2010 Leinvuo
D622,692 S * 8/2010 McWilliam D14/138 G
D624,115 S * 9/2010 Ausems G07F 7/10
D18/4.6

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(Continued)

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FOREIGN PATENT DOCUMENTS

CN 303728325 S 6/2016

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OTHER PUBLICATIONS

ScanPal EDA51 Mobile Computer, announced 2018 [online], [retrieved
Jul. 14, 2020]. Available from Internet, URL: <<https://www.scanvaegt.com/media/3285/scanpal-eda51-handheld-computer-data-sheet-en-a4.pdf>> (Year: 2018).*

(Continued)

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

Primary Examiner — Dana K Weiland

(21) Appl. No.: **29/645,891**

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(51) **LOC (13) Cl.** **14-02**

(52) **U.S. Cl.**
USPC **D14/426**; D14/341; D14/138 G

(58) **Field of Classification Search**
USPC D14/315–318, 341–347, 420, 426, 240,
D14/129–130, 496, 137, 138 R, 138 AA,
D14/138 AB, 138 AC, 138 AD, 138 C,
D14/138 G, 147, 203.1–203.8, 218, 247,
D14/371, 248, 388–389, 374, 429, 453;
D6/308, 310; D10/104.1, 50, 65;
D18/6–7; D19/26, 59, 60; D21/324,
D21/329, 330, 332
CPC G06F 1/1626; G06F 1/1613; G06F 3/0488;
G06F 3/04886; G06F 3/041; G06F
3/0412; G06F 3/0416; H04M 1/725;
H04M 1/0202; H04M 1/0266
See application file for complete search history.

(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective view of a handheld electronic device showing our new design from the front, bottom, and right side;
FIG. 2 is another perspective view thereof shown from the rear, top, and right side;
FIG. 3 is a front elevation view thereof;
FIG. 4 is a rear elevation view thereof;
FIG. 5 is a left side elevation view thereof;
FIG. 6 is a right side elevation view thereof;
FIG. 7 is a top plan view thereof; and,
FIG. 8 is a bottom plan view thereof.

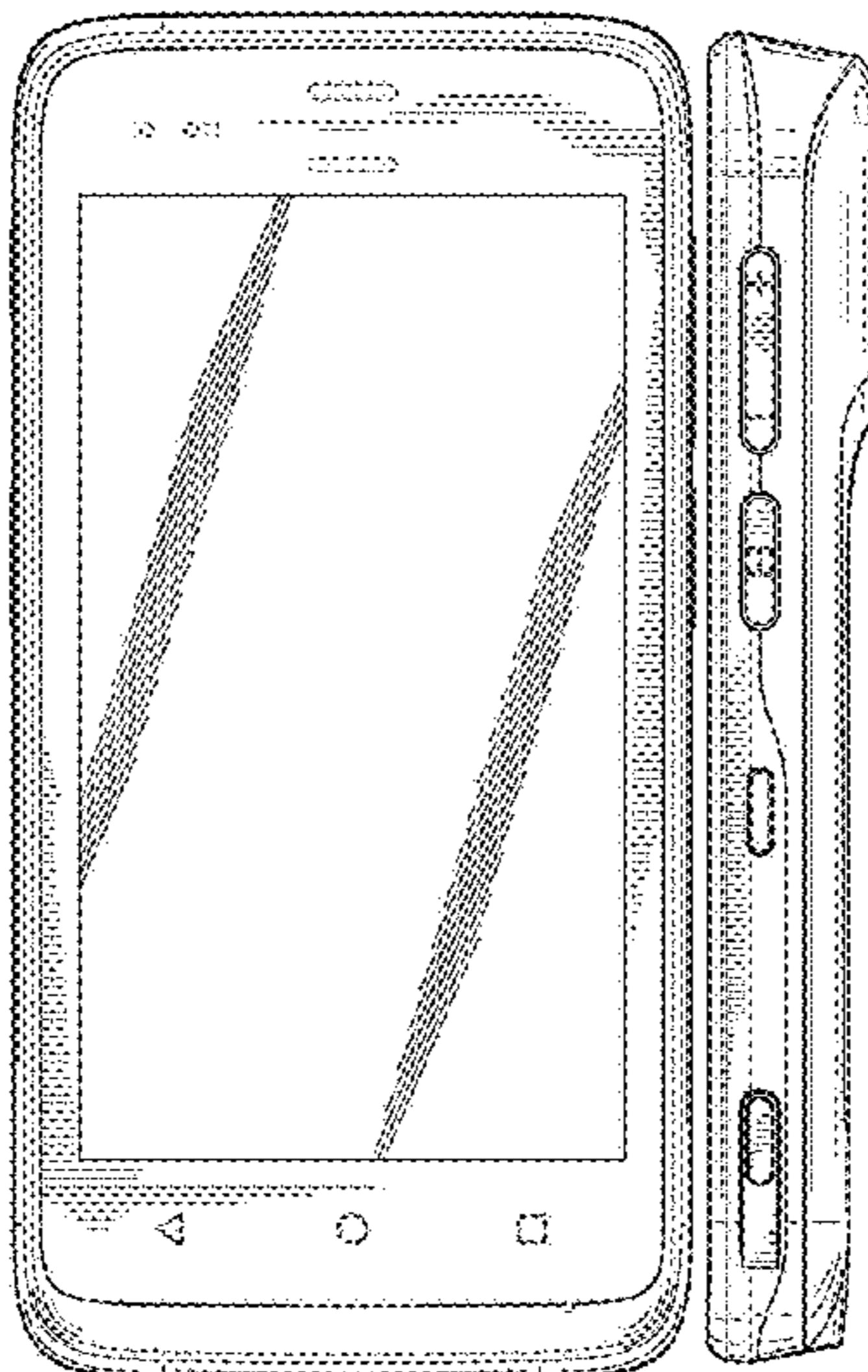
The dash dot dash broken lines represent bounds of the claimed design, while all other dash-dash broken lines are directed to features of the handheld electronic device that form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D341,821 S 11/1993 Savio
D383,124 S 9/1997 Lanzaro et al.
D598,426 S 8/2009 Kim et al.
D616,859 S 6/2010 Ho et al.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D627,344 S 11/2010 Chien et al.
D641,001 S 7/2011 Finney et al.
D651,583 S * 1/2012 Park D14/138 G
D664,517 S * 7/2012 Sutherland D14/138 G
D665,371 S * 8/2012 Finney D14/138 G
D675,180 S * 1/2013 Zhang D14/138 G
D687,008 S 7/2013 Sugioka et al.
D687,406 S * 8/2013 Xia D14/138 G
D687,797 S * 8/2013 Kim D14/138 G
D696,640 S * 12/2013 Park D14/138 G
D705,747 S 5/2014 Boucquey et al.
D716,249 S 10/2014 Zhang et al.
D720,713 S * 1/2015 Huang D14/138 G
D722,583 S * 2/2015 Kim D14/138 G
8,971,928 B2 3/2015 Barnes
D736,205 S * 8/2015 Park D14/341
D747,715 S * 1/2016 Borgini D14/347
9,392,349 B2 * 7/2016 Merenda H04R 1/1033
D762,647 S 8/2016 Fitch et al.
D764,458 S * 8/2016 Jobetto D14/341
D771,033 S * 11/2016 Jobetto D14/341
D771,631 S * 11/2016 Fitch D14/426
D774,507 S * 12/2016 Borgini D14/347
D775,596 S 1/2017 Guo et al.
D780,148 S 2/2017 Nagao
D780,149 S 2/2017 Daniel
D785,585 S 5/2017 Ismail et al.
D785,612 S 5/2017 Kim et al.
D787,506 S * 5/2017 Takiguchi D14/341
D787,507 S * 5/2017 Takiguchi D14/341
D787,508 S * 5/2017 Takiguchi D14/341
D787,509 S * 5/2017 Takiguchi D14/341
D787,510 S * 5/2017 Kitade D14/341
D790,536 S * 6/2017 Kitade D14/341
D792,407 S 7/2017 Fitch et al.
D795,214 S 8/2017 Tschopp et al.
D797,106 S * 9/2017 Paolizzi D14/426
D797,745 S * 9/2017 Wang D14/426
D800,083 S 10/2017 Park
D807,850 S * 1/2018 Whang D14/138 G
D823,300 S 7/2018 Fountain et al.
D823,852 S 7/2018 Shen et al.
D840,961 S 2/2019 Panosian et al.
D844,607 S * 4/2019 Fredette D14/385
D859,516 S * 9/2019 Wang D18/4.6
D860,307 S * 9/2019 Wang D18/4.6
D862,441 S * 10/2019 Eppler D14/250

D876,380 S 2/2020 Duman et al.
10,749,300 B2 * 8/2020 Shi H02J 7/0045
2014/0099526 A1 * 4/2014 Powell G06K 7/0004
429/100
2017/0061746 A1 * 3/2017 Tanaka G06K 7/0004

OTHER PUBLICATIONS

ScanPal EDA51 Mobile Computer, announced 2018 [online], [retrieved Jul. 14, 2020]. Available from Internet, URL: <<https://dataflo.com/product/scanpal-eda51-mobile-computer/>> (Year: 2018).*

Chinese Office Action for Application No. 201830610146.7, dated Dec. 12, 2019, 3 pages.

Notice of Allowance for Chinese Application No. 201830609547.0, dated Oct. 21, 2019, 6 pages.

Notice of Grant of Patent Right for a Design for Chinese Design Application No. 201830610146.7, dated May 21, 2020, 5 pages.

Office Action for Chinese Application No. 201830610146.7, dated Aug. 16, 2019, 3 pages.

ScanPal EDA50, Enterprise Hybrid Device, Mobile Computers, Honeywell (2017) 2 pages.

User Guide, ScanPal EDA50, Enterprise Hybrid Device (Model EDA50-011/EDA50-111), Honeywell Sensing and Productivity Solutions (2015) 83 pages.

Android-4.4.4-KitKat-for-Motorola-Droid-X-1024x714.jpg (1024x714) [online] [retrieved from the Internet Apr. 20, 2018]. <URL: <http://www.androidrooting.org/wp-content/uploads/2014/08/Android-4.4-4-KitKat-for-Motorola-Droid-X-1024x714.jpg>>. (undated) 1 page.

Design U.S. Appl. No. 29/572,907, filed Aug. 1, 2016; In re: Bidwell, D. J. et al.; entitled *Optical Scanner and Handle*.

Ex Parte Quayle Action mailed on Sep. 3, 2020 for U.S. Appl. No. 29/645,967.

Honeywell CT40-LON-2SC110F CT40 Mobile Computer, announced 2020 [online], [retrieved Aug. 31, 2020], Available from Internet, URL: <http://www.manuf-apps-estore.com/HONEYWELL-CT40-LON-2SC110F-CT40-Mobile-Computer-_p_447438.html> (Year: 2020).

Introducing Honeywell CT40 with Display Dock, announced Feb. 28, 2019 [online], [retrieved Aug. 31, 2020], Available from Internet, URL: <<https://www.youtube.com/watch?v=8-TrOa6hvXA>> (Year: 2019).

Notice of Allowance and Fees Due (PTOL-85) dated Dec. 7, 2020 for U.S. Appl. No. 29/645,967.

Notice of Allowance and Fees Due (PTOL-85) dated Oct. 28, 2020 for U.S. Appl. No. 29/645,967.

* cited by examiner

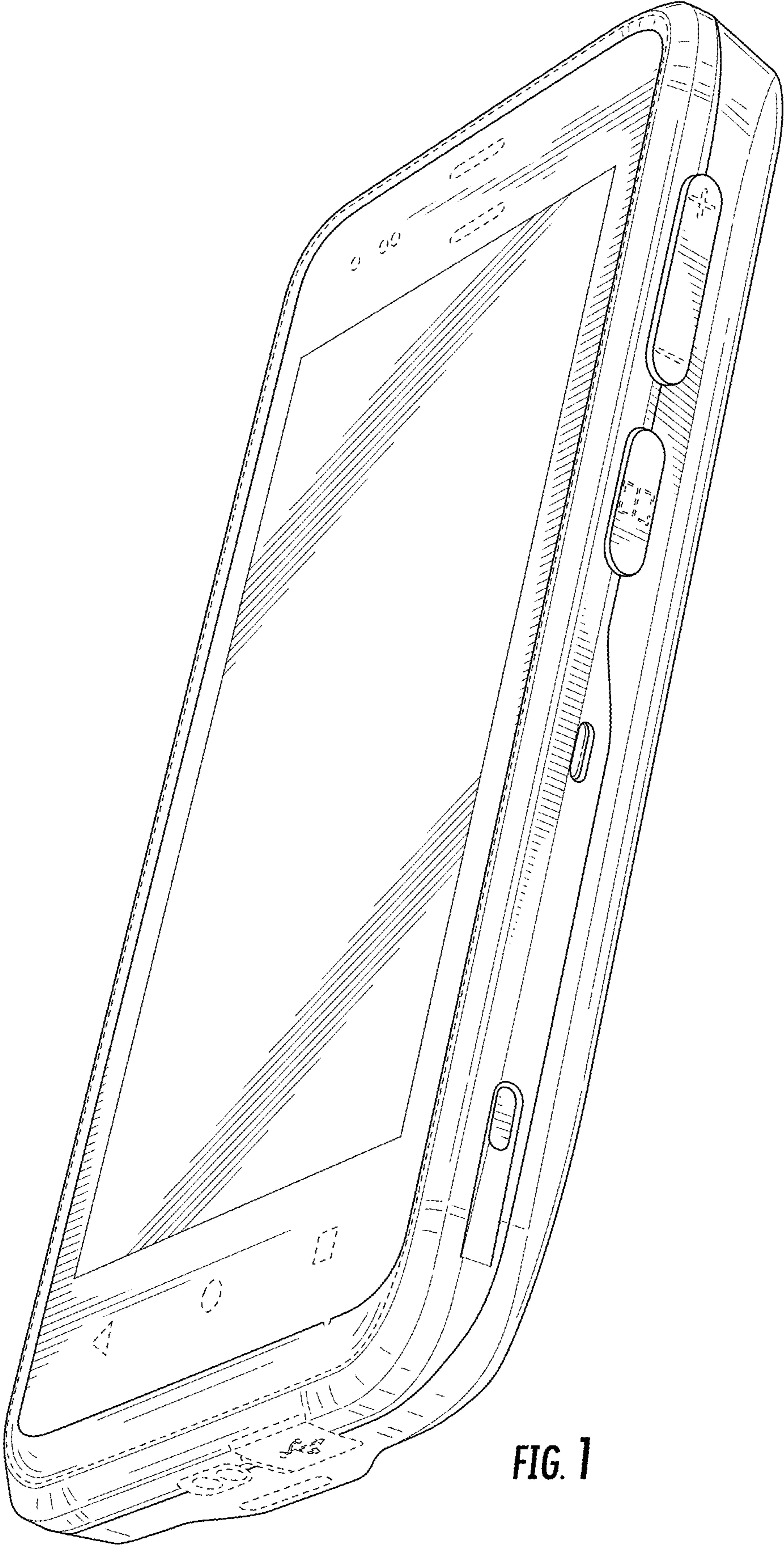


FIG. 1

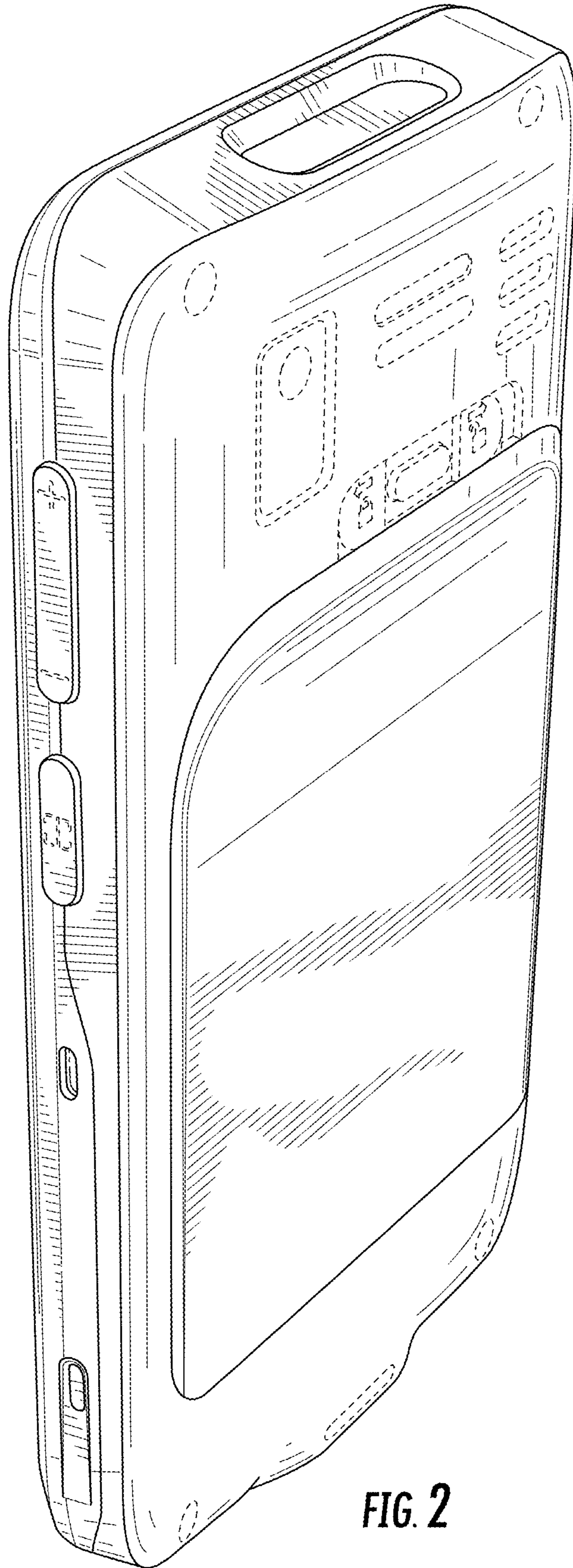


FIG. 2

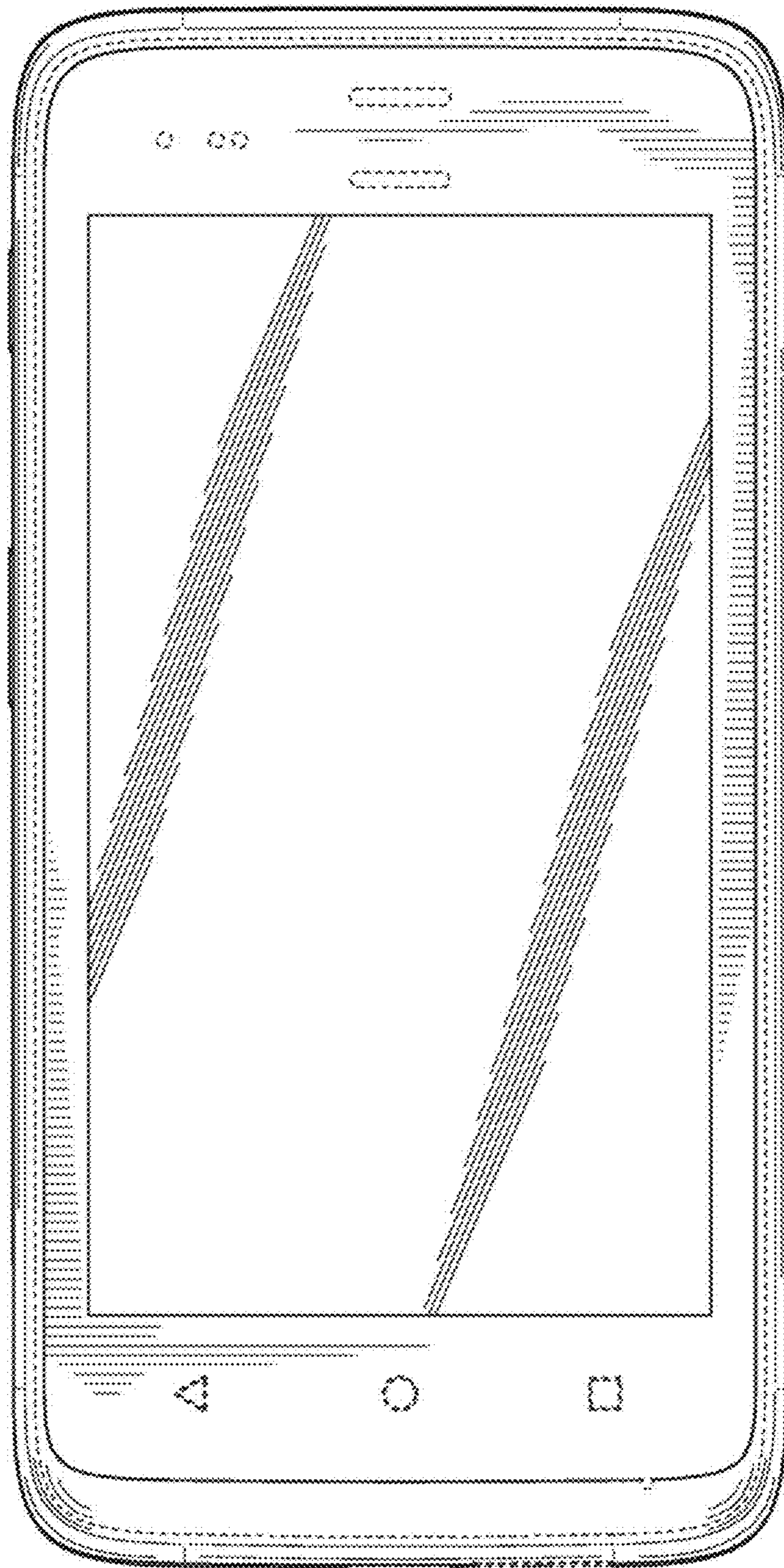


FIG. 3

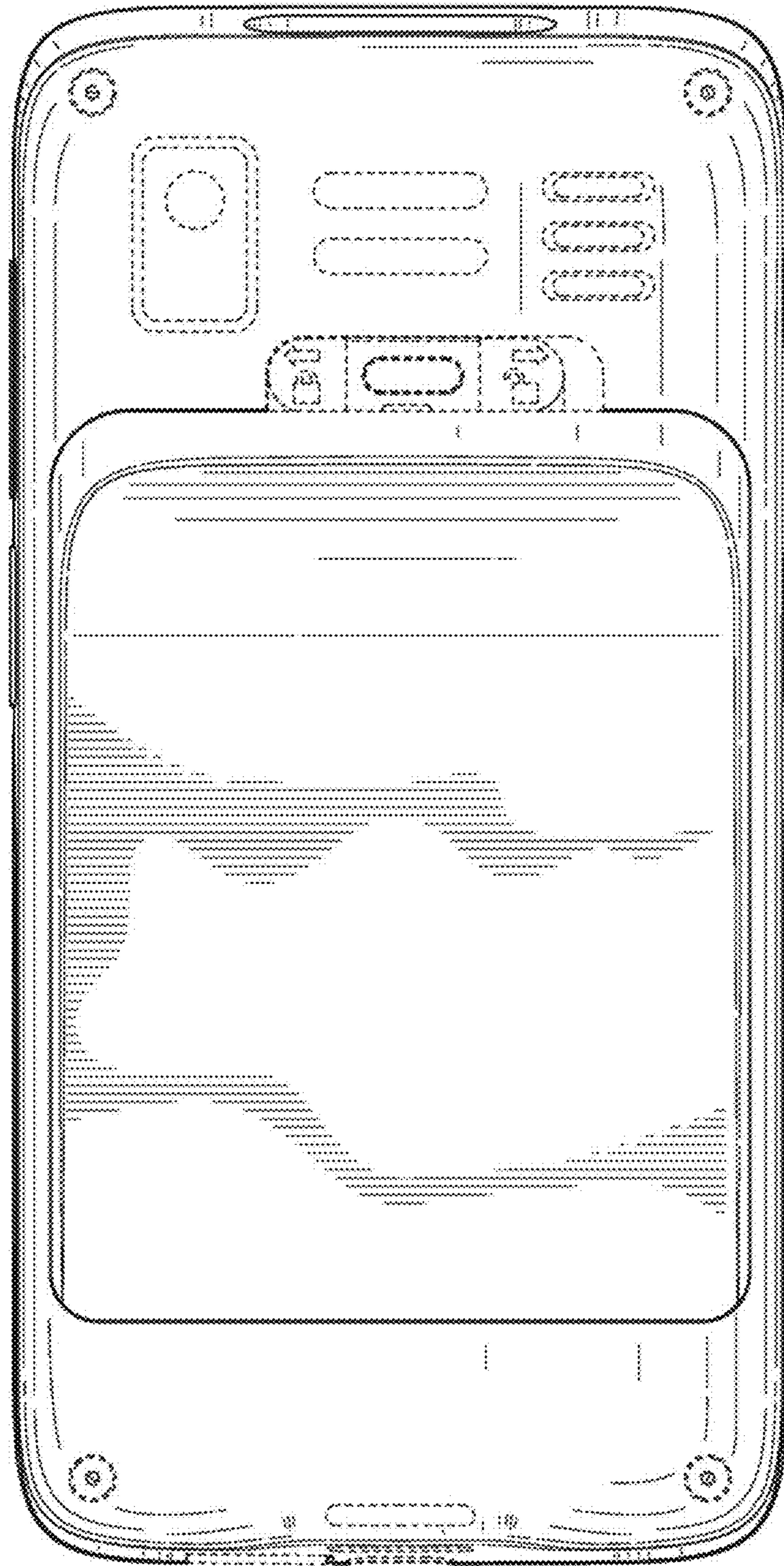


FIG. 4

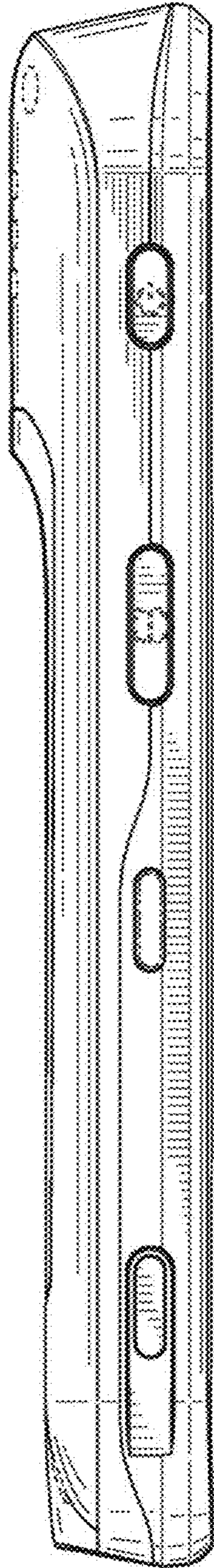


FIG. 5

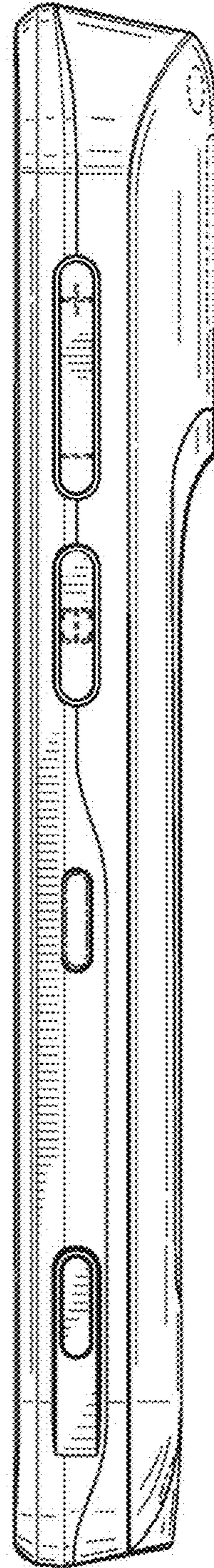


FIG. 6

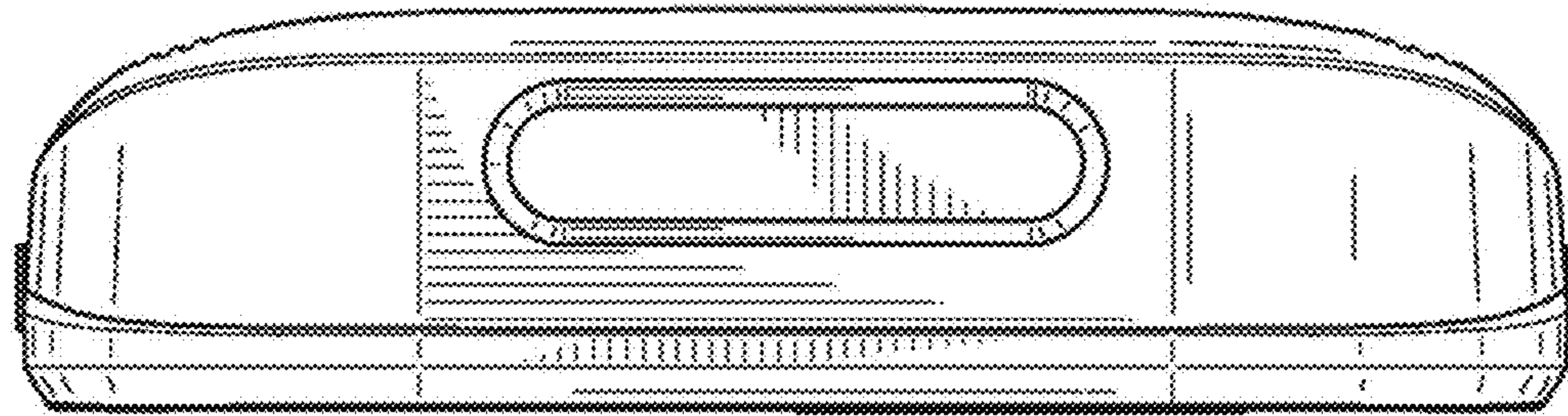


FIG. 7

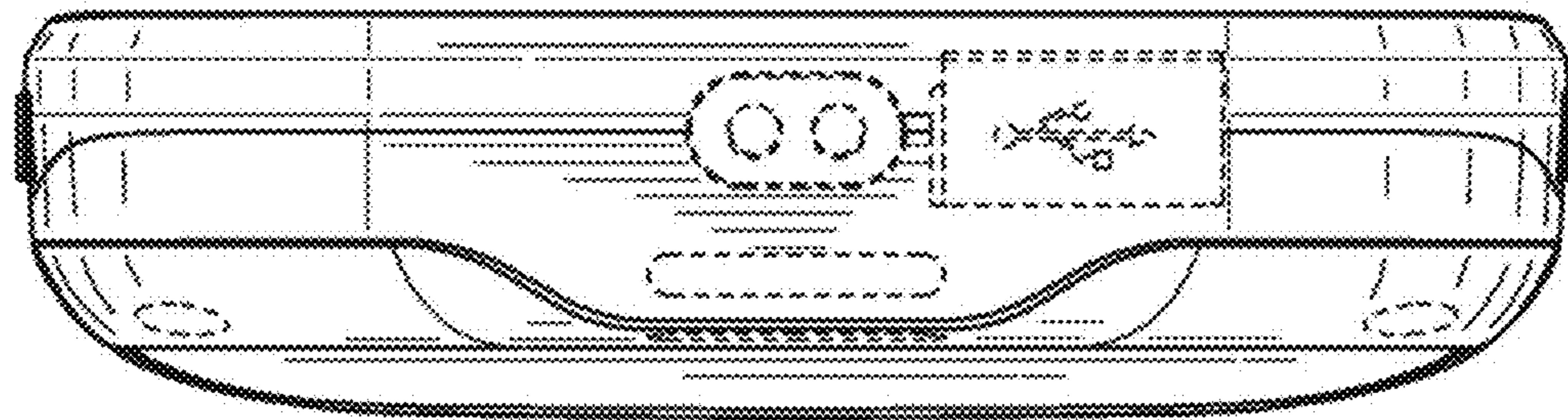


FIG. 8