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(12) **United States Design Patent** (10) **Patent No.:** **US D929,947 S**
Chandwani et al. (45) **Date of Patent:** **** Sep. 7, 2021**

(54) **SMART SWITCH**
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(73) Assignee: **KEUS AUTOMATION PRIVATE LIMITED**, Telangana (IN)

D631,854 S 2/2011 Blair et al.
D638,805 S 5/2011 Clymer et al.
D649,123 S * 11/2011 Jacoby D13/164
D655,254 S 3/2012 Jacoby et al.
D669,866 S 10/2012 Gilbert et al.
D687,390 S 8/2013 McDonald et al.
D695,234 S * 12/2013 Santiago D13/162
D704,166 S * 5/2014 Sung D14/218
D717,743 S * 11/2014 Larkin D13/164
D718,720 S 12/2014 Rader et al.
D733,073 S 6/2015 Larkin et al.
D734,277 S 7/2015 Jacoby et al.
D739,830 S 9/2015 Spira
D764,469 S 8/2016 Kaliauier et al.

(Continued)

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(30) **Foreign Application Priority Data**

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(51) **LOC (13) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/158; D13/162**

(58) **Field of Classification Search**
USPC D13/110, 112, 118, 123, 146, 147,
D13/158-162.1, 164, 173, 174, 177, 178,
D13/184, 199; D10/50, 60
CPC G05B 15/00; G05D 23/00; G05D 23/19;
G06F 3/04; G08C 17/02; H01H 21/08;
H01H 21/24; H05K 5/00; H05K 5/06;
H05K 7/02
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D512,691 S 12/2005 Hisatsune
D549,710 S 8/2007 Hyneczek et al.
D558,757 S 1/2008 Andre et al.
D625,273 S 10/2010 Felegy, Jr. et al.

OTHER PUBLICATIONS

Smart Switch, <https://www.osum.in/smart-switch.html>.

(Continued)

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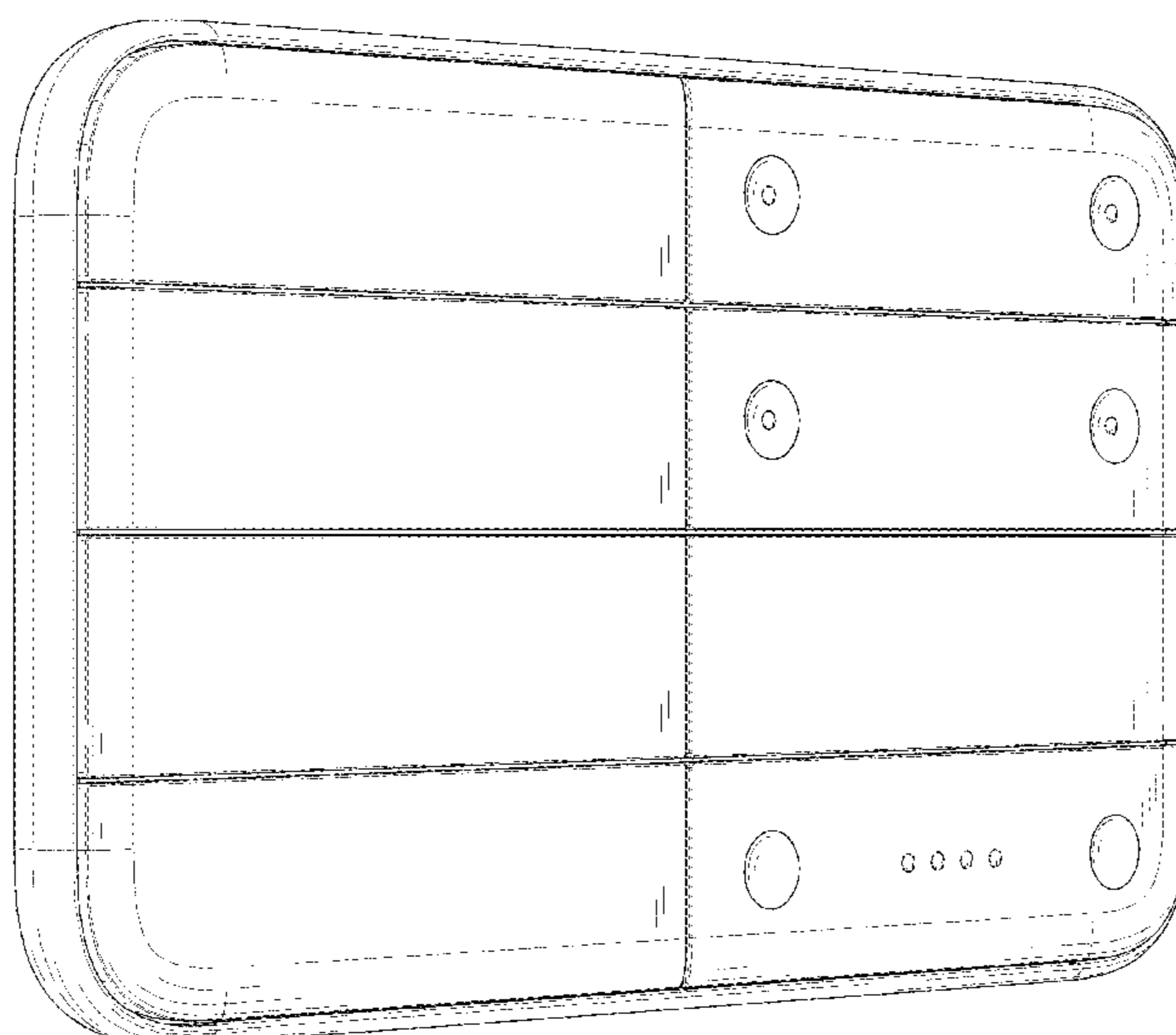
(57) **CLAIM**

The ornamental design for a smart switch, as shown and described.

DESCRIPTION

FIG. 1 is a front elevation view of a smart switch, showing our new design;
FIG. 2 is a rear elevation view thereof;
FIG. 3 is a top plan view thereof;
FIG. 4 is a bottom plan view thereof;
FIG. 5 is a left side elevation view thereof;
FIG. 6 is a right side elevation view thereof; and,
FIG. 7 is a front perspective view thereof.
The broken line portion of the figures is included to show unclaimed subject matter only and forms no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D778,244 S 2/2017 Feldstein et al.
 D778,245 S 2/2017 Feldstein et al.
 D780,699 S 3/2017 Zhang
 D781,246 S * 3/2017 Zhang D13/162
 D785,573 S * 5/2017 Yu D13/162
 D797,685 S 9/2017 Mosolygo
 D800,672 S 10/2017 Poulheim et al.
 D813,823 S 3/2018 Zhang
 D818,444 S 5/2018 Clymer et al.
 D818,445 S 5/2018 Altonen et al.
 D831,588 S * 10/2018 Fiedler D13/164
 D833,987 S 11/2018 Poulheim et al.
 D834,535 S 11/2018 Poulheim et al.
 D834,539 S * 11/2018 Poulheim D13/164
 D836,009 S * 12/2018 Thoren D10/50
 D856,288 S 8/2019 Altonen et al.
 D859,596 S 9/2019 Lance et al.
 D875,569 S 2/2020 Swanson et al.
 D887,370 S 6/2020 Jacoby et al.
 D891,945 S 8/2020 Xiao
 D894,021 S * 8/2020 Smith D10/50
 D894,844 S * 9/2020 Boynton D13/162
 D895,444 S * 9/2020 DeBoer D10/49

D897,973 S 10/2020 McRoberts et al.
 D898,683 S * 10/2020 Lan D13/162
 D901,314 S * 11/2020 Atwood D10/50
 D907,586 S * 1/2021 Lombardi D13/162
 D909,982 S 2/2021 Kawatake
 10,943,749 B2 3/2021 Wisniewski
 D916,610 S 4/2021 Konotopskyi et al.
 D922,961 S * 6/2021 Chandwani D13/158
 2016/0069537 A1 3/2016 Dimberg et al.
 2017/0062150 A1 * 3/2017 Annerino H01H 13/86
 2019/0187839 A1 6/2019 Huang
 2020/0035089 A1 * 1/2020 Liu G08C 17/02

OTHER PUBLICATIONS

Smart Switch, Smart Wireless Switch control panel, <https://www.hogarcontrols.com/touch-panels/>.
 Wireless controller for simultaneous multiple device operation, <https://www.osum.in/verve.html>.
<http://www.dalipro.com/control-device.html>, Dali rotating multi-functional keypad.
<http://www.lutron.com/en-US/Products/Pages/Components/PicoWirelessController/Models.aspx>.

* cited by examiner

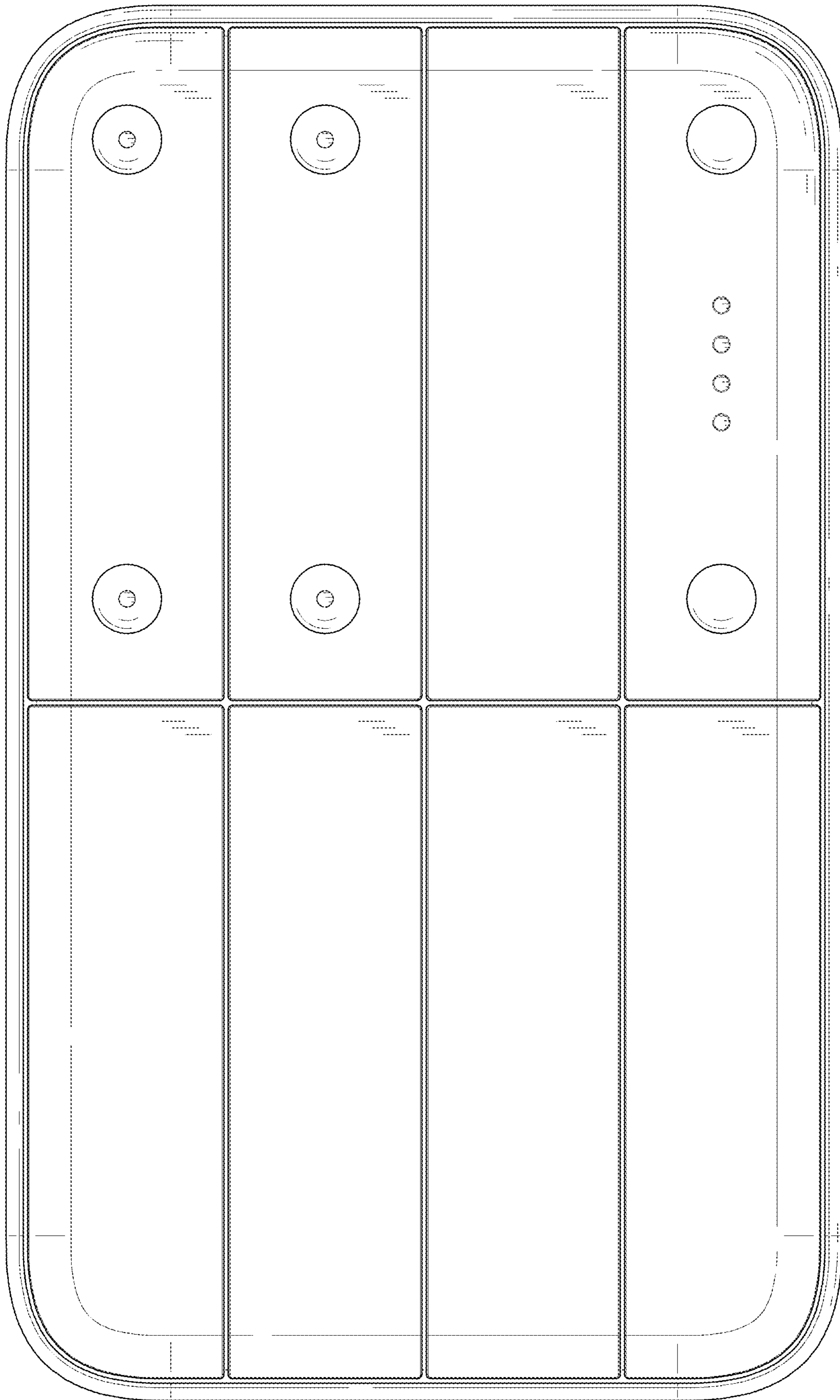


FIG. 1

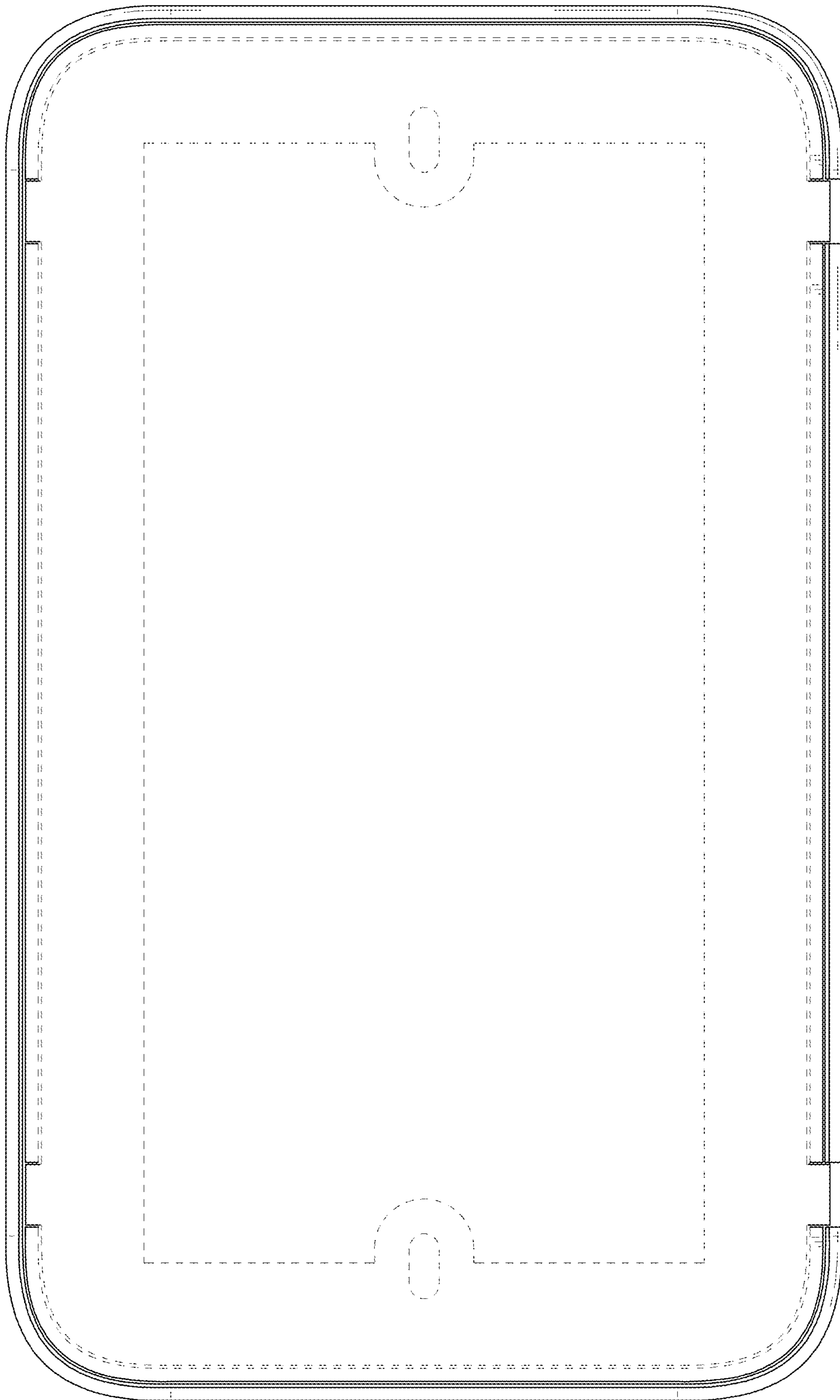


FIG. 2

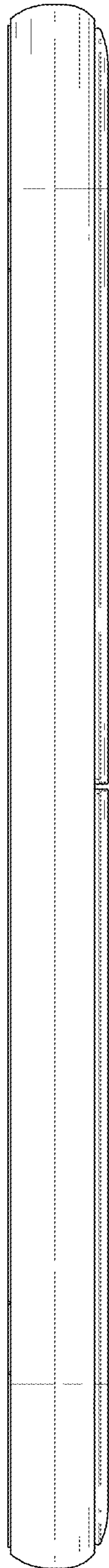


FIG. 3

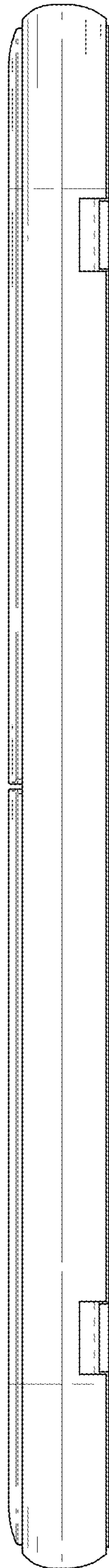


FIG. 4

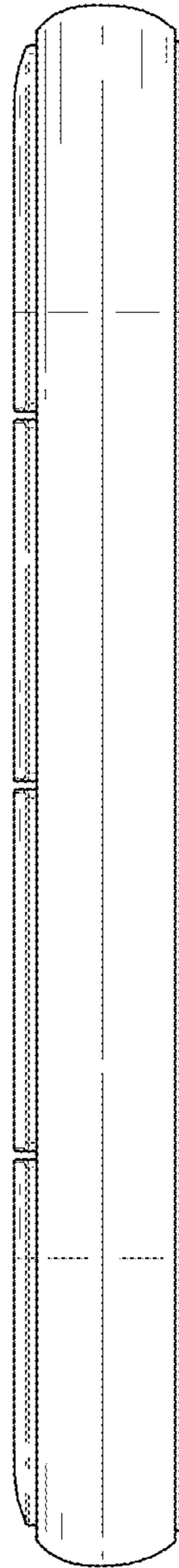


FIG. 5

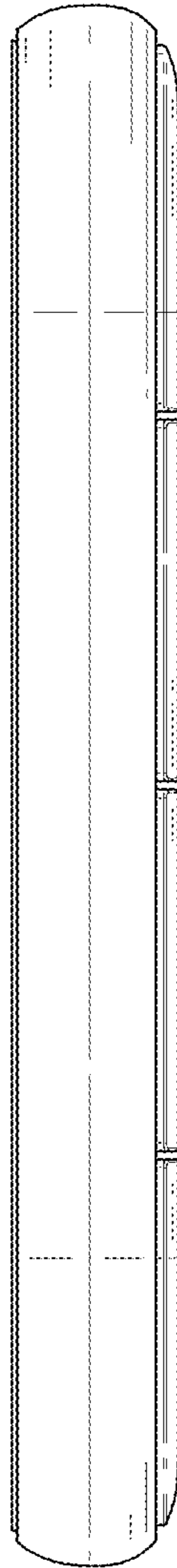


FIG. 6

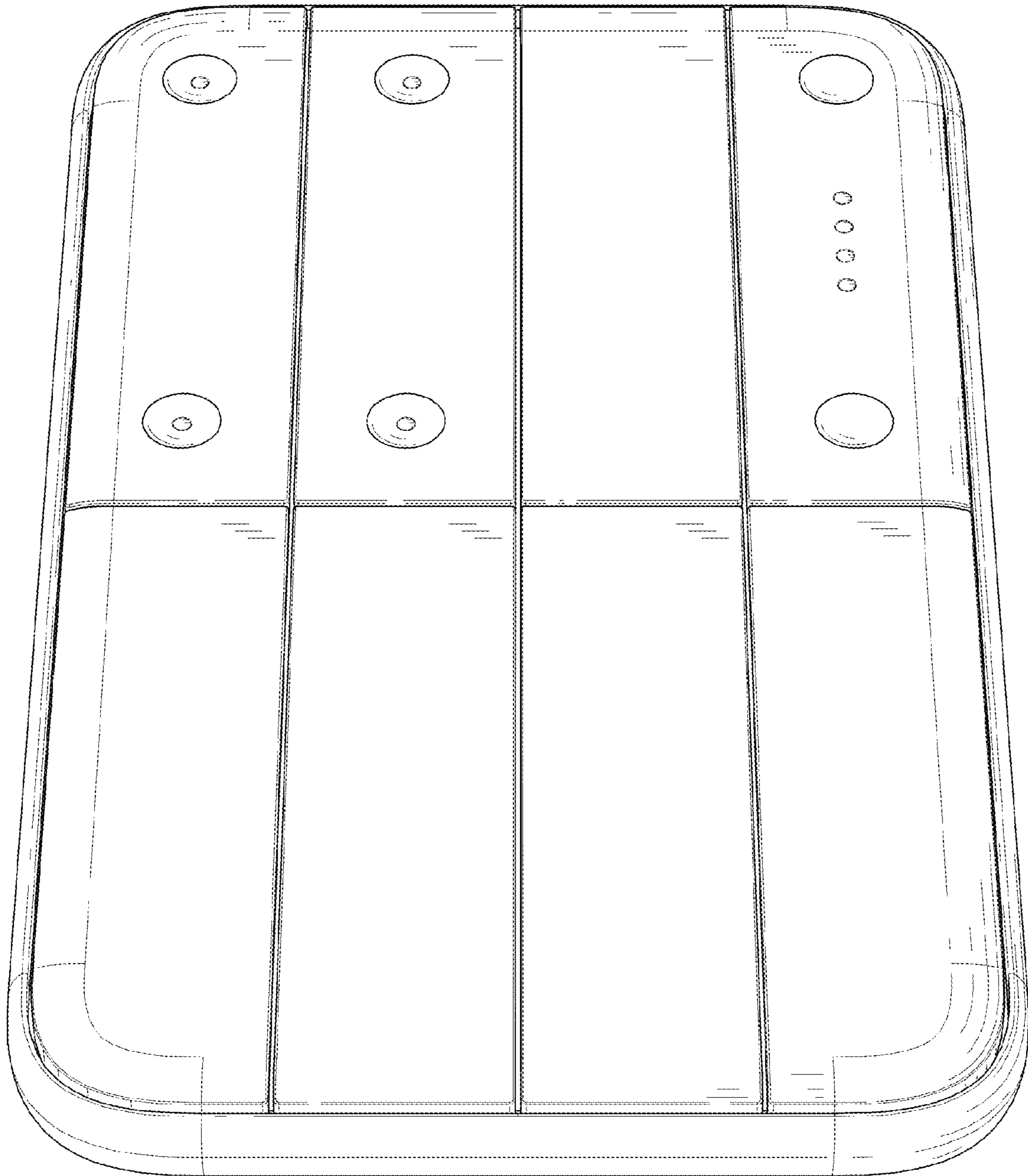


FIG. 7