



US00D879777S

(12) **United States Design Patent**
Cho

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(54) **KEYBOARD**

D652,833 S * 1/2012 Kim D14/392
D671,119 S * 11/2012 Nokuo D14/392
8,313,259 B2 * 11/2012 Luo G06F 3/0202
15/21.1

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(Continued)

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FOREIGN PATENT DOCUMENTS

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CN 304431916 * 12/2017
KR 300772847.0000 * 11/2014

(Continued)

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

OTHER PUBLICATIONS

(21) Appl. No.: **29/629,000**

Mokibo Touchpad Embedded Keyboard, Innopresso, innopresso.com, author and date not listed © 2011 Innopresso, Inc., online, site visited Sep. 11, 2019. Available at URL: <https://www.innopresso.com/> (Year: 2019).*

(Continued)

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(51) **LOC (12) Cl.** **14-02**

(52) **U.S. Cl.**

USPC **D14/392**

(58) **Field of Classification Search**

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D18/1–2, 7, 11; 235/145 A, 145 R;
341/22–23; 345/104, 156, 168–169, 173;
361/679.08, 679.09, 679.11, 679.26,
361/679.27

CPC B41J 5/00; B41J 5/10; B41J 5/12; F16M
11/10

See application file for complete search history.

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(57)

CLAIM

The ornamental design for a keyboard, as shown and described.

DESCRIPTION

FIG. 1 is a top, front right perspective view of keyboard showing my new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a left side view thereof;

FIG. 5 is a right side view thereof;

FIG. 6 is a top view thereof;

FIG. 7 is a bottom view thereof;

FIG. 8 is a top, rear left perspective view thereof;

FIG. 9 is an enlarged view along line 9 as shown in FIG. 1; and,

FIG. 10 is an enlarged view along line 10 as shown in FIG. 1.

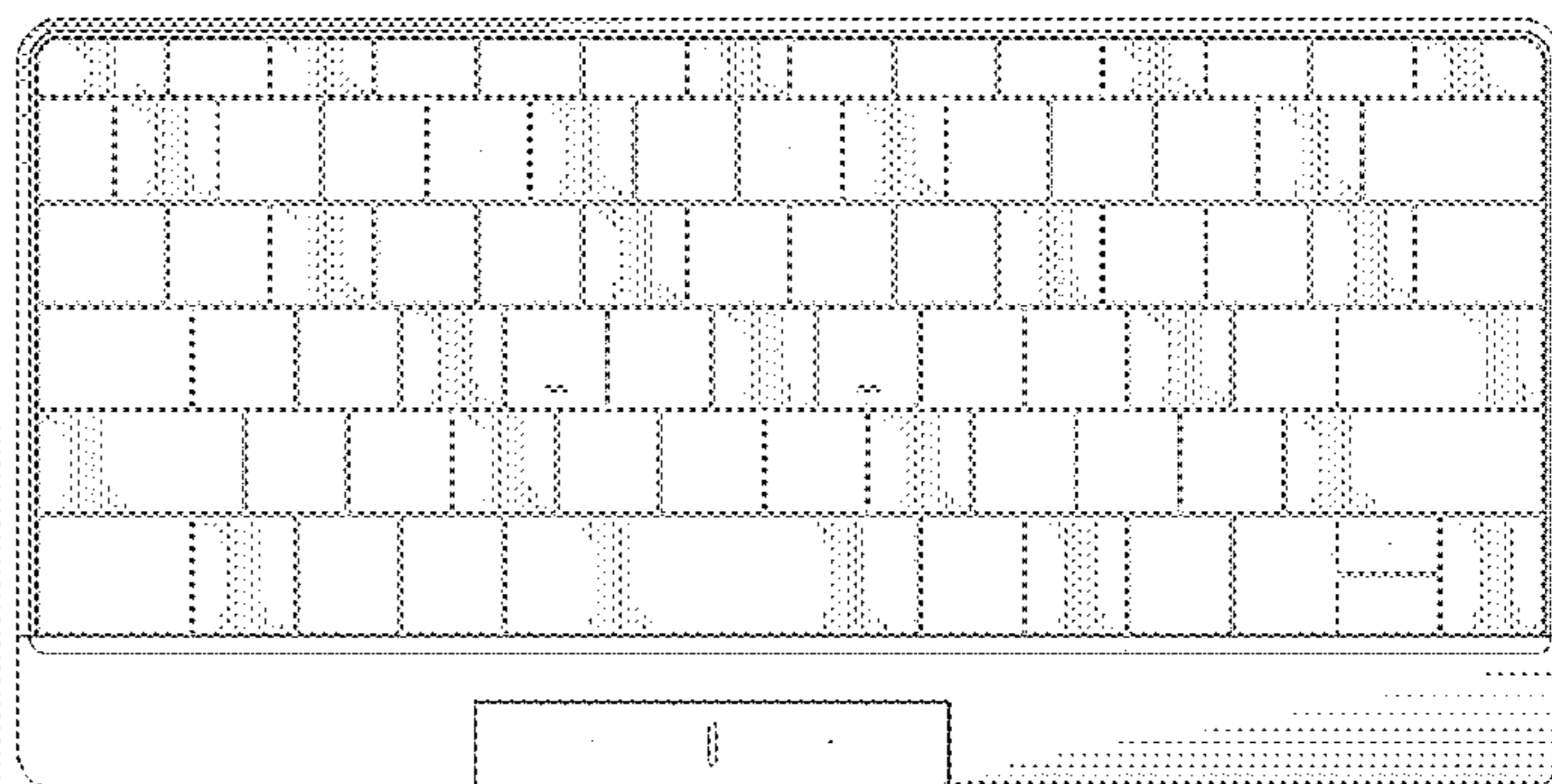
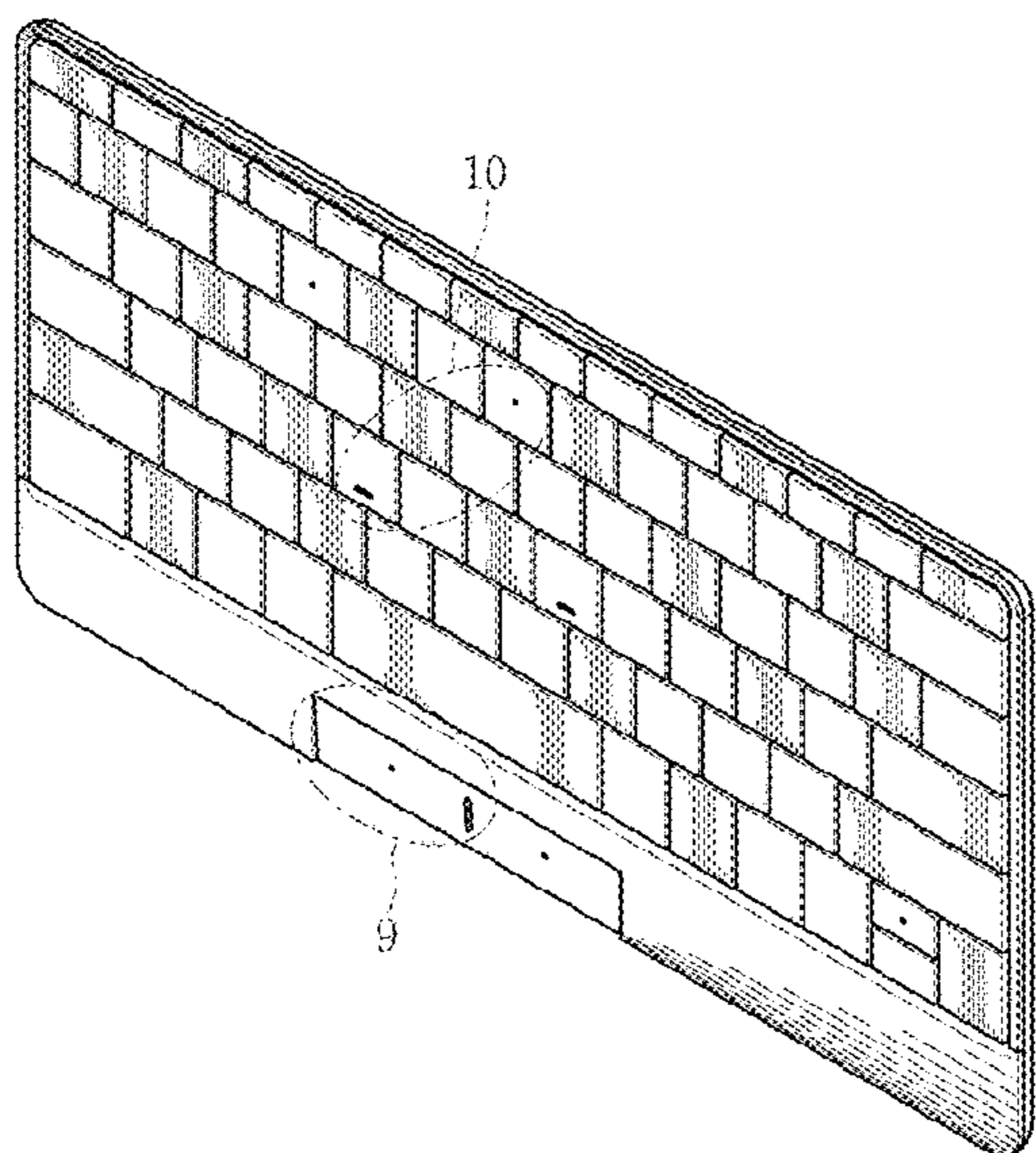
1 Claim, 8 Drawing Sheets

(56)

References Cited

U.S. PATENT DOCUMENTS

5,439,304 A * 8/1995 Phillips B41J 5/105
400/485
D399,497 S * 10/1998 Iino D14/320
D444,133 S * 6/2001 Katz D14/331
D543,544 S * 5/2007 Cheng D14/392
D547,759 S * 7/2007 DeMaio D14/392
D607,884 S * 1/2010 Lee D14/392
D608,783 S * 1/2010 Lee D14/392
D612,381 S * 3/2010 Lee D14/392
D616,440 S * 5/2010 Lee D14/392



(56)

References Cited

U.S. PATENT DOCUMENTS

D672,360 S * 12/2012 Lee D14/392
 D676,048 S * 2/2013 McManigal D14/392
 D683,731 S * 6/2013 Chiu D14/345
 D692,432 S * 10/2013 Liu D14/440
 8,599,542 B1 * 12/2013 Healey G06F 1/1626
 8,693,176 B2 * 4/2014 Morino G06F 1/1616
 220/601
 D705,227 S * 5/2014 Groene D14/392
 D720,748 S * 1/2015 Groene D14/392
 D729,792 S * 5/2015 Kurimoto D14/315
 D735,196 S * 7/2015 Son D14/392
 D745,520 S * 12/2015 Jiang D14/392
 D745,521 S * 12/2015 Jiang D14/392
 D751,553 S * 3/2016 Kim D14/392
 D754,659 S * 4/2016 Kim D14/392
 9,612,666 B2 * 4/2017 Cho G06F 3/0219
 D807,363 S * 1/2018 Hallier D14/440
 D811,398 S * 2/2018 Ca D14/392
 D813,235 S * 3/2018 Rosenberg D14/391
 D819,639 S * 6/2018 Raken D14/391
 D826,226 S * 8/2018 Schoenith D14/315
 D827,633 S * 9/2018 Wang D14/315
 D842,856 S * 3/2019 Lam D14/345
 D854,013 S * 7/2019 van Hooft D14/392
 D854,024 S * 7/2019 Fenton D14/455
 D864,203 S * 10/2019 Zhang D14/392
 2008/0174458 A1 * 7/2008 Mundt G06F 1/1616
 341/34

2012/0163893 A1 * 6/2012 Liu G06F 3/0221
 400/489
 2013/0107438 A1 * 5/2013 Lee G06F 3/0221
 361/679.08
 2013/0142558 A1 * 6/2013 Griffin G06F 3/0216
 400/486
 2014/0146445 A1 * 5/2014 Lai G06F 3/0202
 361/679.1
 2015/0185862 A1 * 7/2015 Chen G06F 3/0202
 361/679.08
 2017/0009934 A1 * 1/2017 van Hooft G06F 1/1616
 2017/0322663 A1 * 11/2017 Lee G06F 3/0416
 2018/0232061 A1 * 8/2018 Cho G06F 3/0213

FOREIGN PATENT DOCUMENTS

KR 300872202.0000 * 9/2016
 KR 300879416.0000 * 11/2016

OTHER PUBLICATIONS

Touchpad Embedded Keyboard, Mokibo, youtube.com, published by Mokibo on Jan. 4, 2017 © not listed, online, site visited Nov. 18, 2019. Available at URL: <https://www.youtube.com/watch?v=9SempN-w-aU> (Year: 2017).*

Moky InvisibleTouchpad Keyboard, Jeffrey Eunhyung Cho, tablet-news.com, published by Radu Iorga on Jun. 6, 2015 © Tablet-News.com, online, site visited Nov. 18, 2019. URL: <https://tablet-news.com/moky-keyboard-integrates-an-invisible-touchpad-all-over-the-keyboard-becomes-indiegogo-hit-video/> (Year: 2015).*

* cited by examiner

FIG. 1

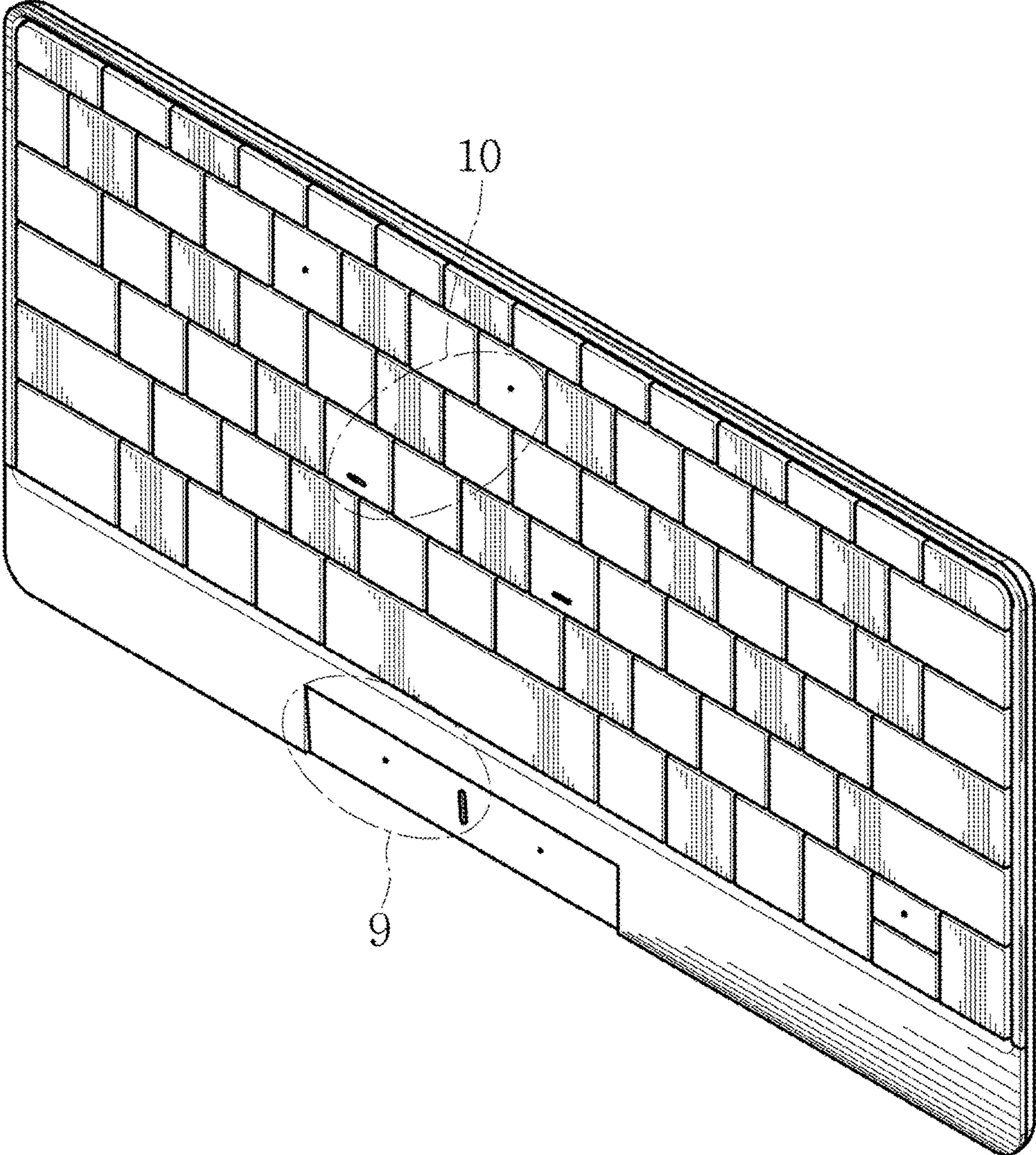


FIG. 2

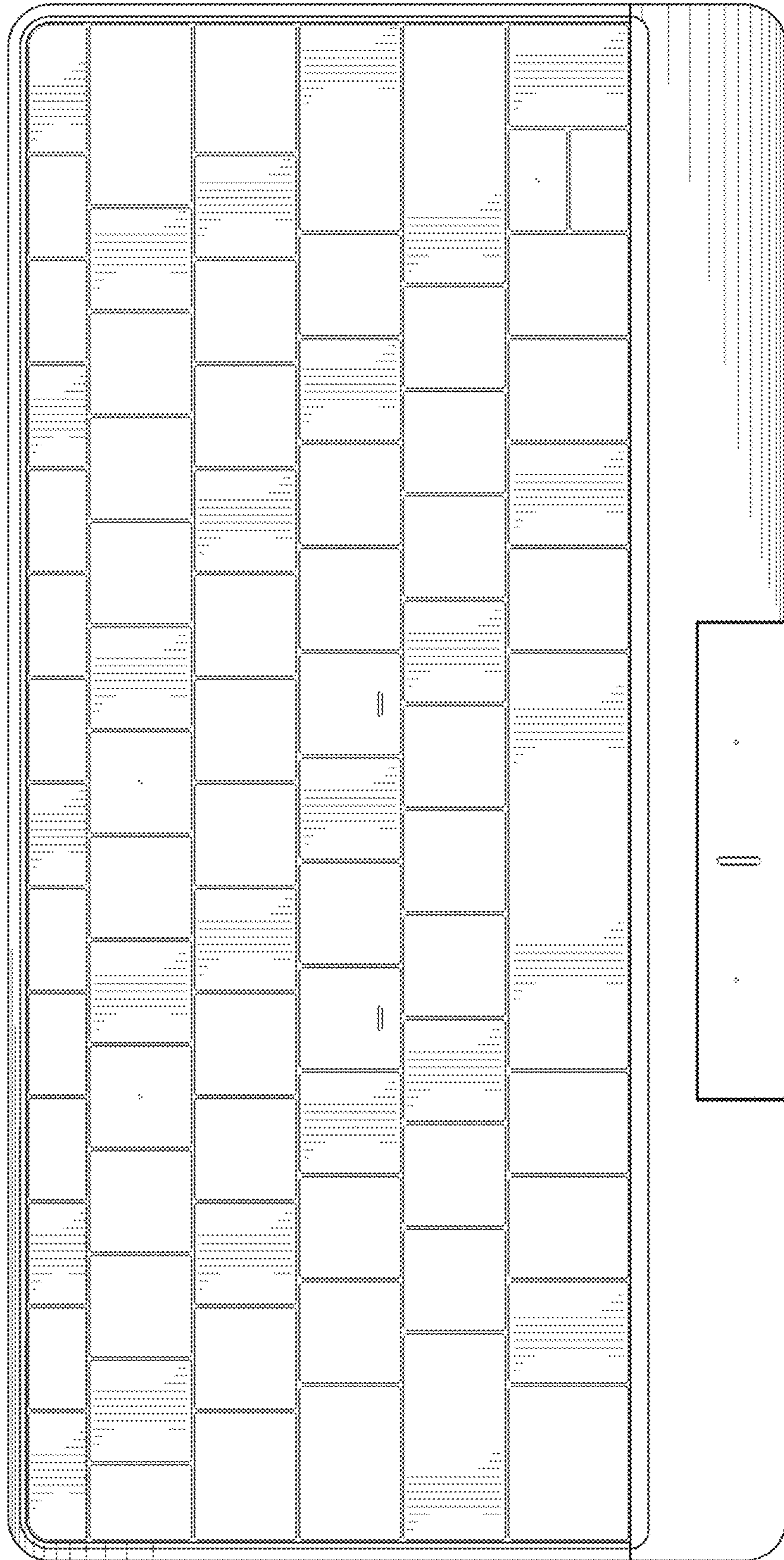


FIG. 3

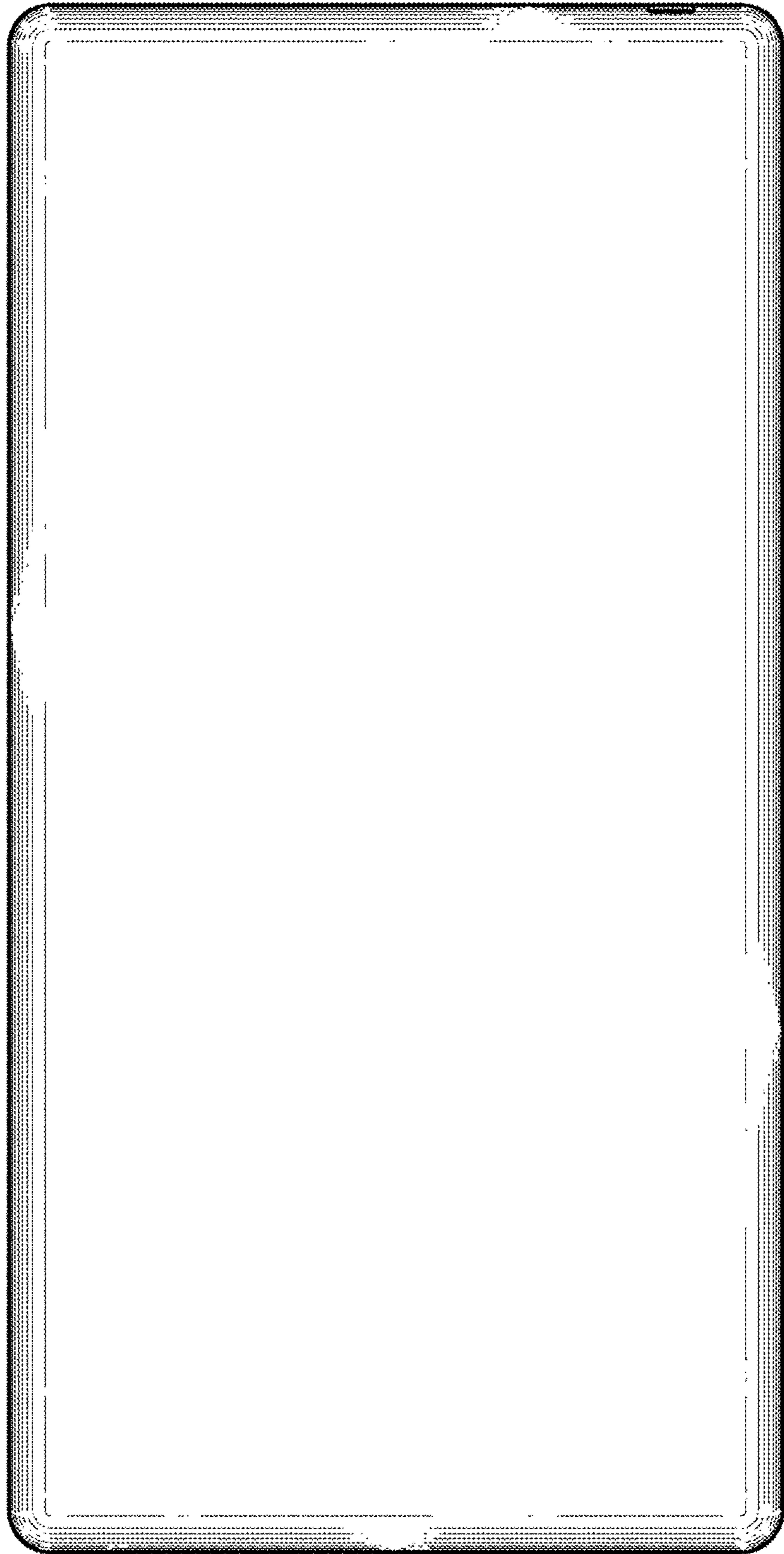


FIG. 4

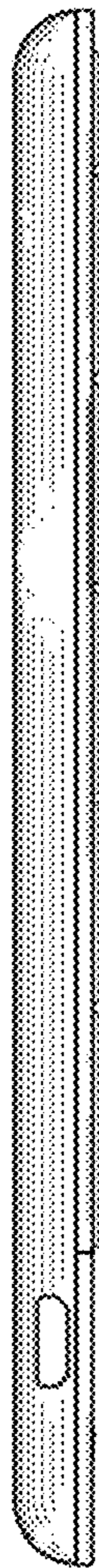


FIG. 5



FIG. 6

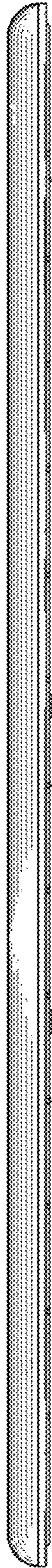


FIG. 7



FIG. 8

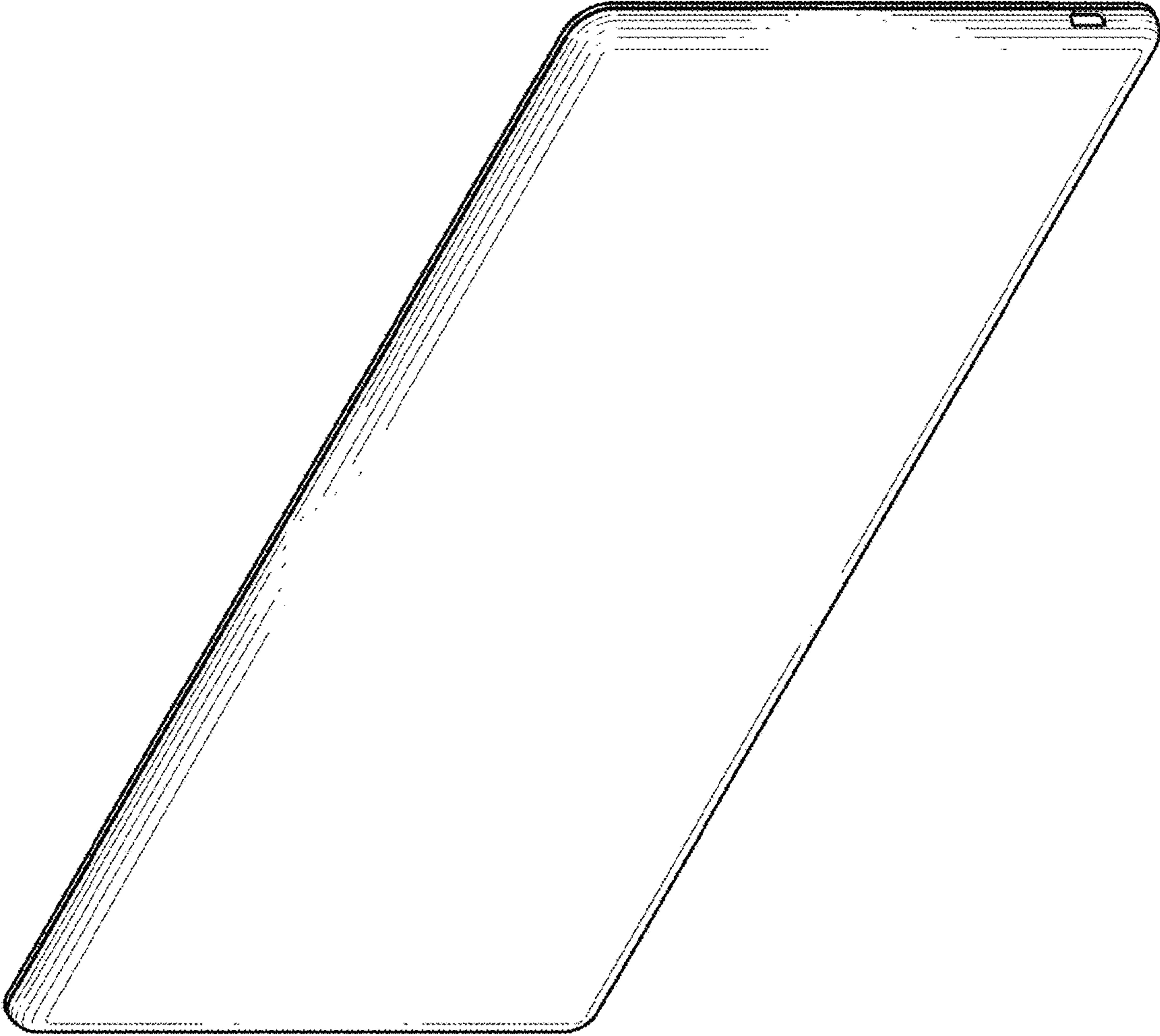


FIG. 9

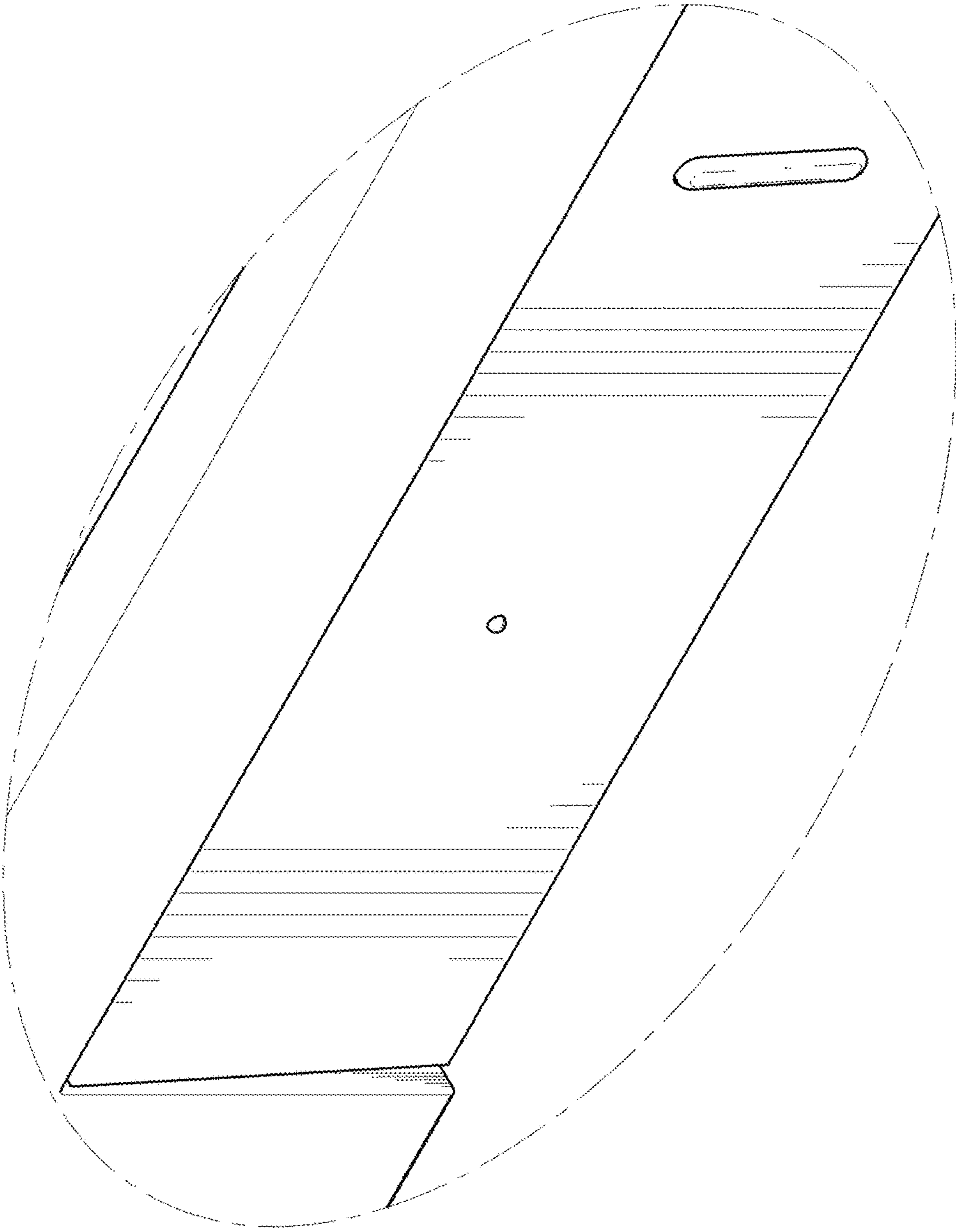


FIG. 10

