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(12) **United States Design Patent** (10) **Patent No.:** **US D816,661 S**
Akana et al. (45) **Date of Patent:** **** May 1, 2018**

(54) **ELECTRONIC DEVICE**

(71) Applicant: **Apple Inc.**, Cupertino, CA (US)

(72) Inventors: **Jody Akana**, San Francisco, CA (US); **Molly Anderson**, San Francisco, CA (US); **Bartley K. Andre**, Palo Alto, CA (US); **Shota Aoyagi**, San Francisco, CA (US); **Anthony Michael Ashcroft**, San Francisco, CA (US); **Marine C. Bataille**, San Francisco, CA (US); **Jeremy Bataillou**, San Francisco, CA (US); **Daniele De Iulii**, San Francisco, CA (US); **Markus Diebel**, San Francisco, CA (US); **M. Evans Hankey**, San Francisco, CA (US); **Julian Hoenig**, San Francisco, CA (US); **Richard P. Howarth**, San Francisco, CA (US); **Jonathan P. Ive**, San Francisco, CA (US); **Julian Jaede**, San Francisco, CA (US); **Duncan Robert Kerr**, San Francisco, CA (US); **Peter Russell-Clarke**, San Francisco, CA (US); **Benjamin Andrew Shaffer**, San Jose, CA (US); **Mikael Silvano**, San Francisco, CA (US); **Christopher J. Stringer**, Woodside, CA (US); **Joe Sung-Ho Tan**, San Francisco, CA (US); **Clement Tissandier**, San Francisco, CA (US); **Eugene Antony Whang**, San Francisco, CA (US); **Rico Zörkendörfer**, San Francisco, CA (US)

(73) Assignee: **Apple Inc.**, Cupertino, CA (US)

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

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a continuation of application No. 29/574,078, filed on Aug. 11, 2016, now Pat. No. Des. 803,825.

(51) **LOC (11) Cl.** **14-02**

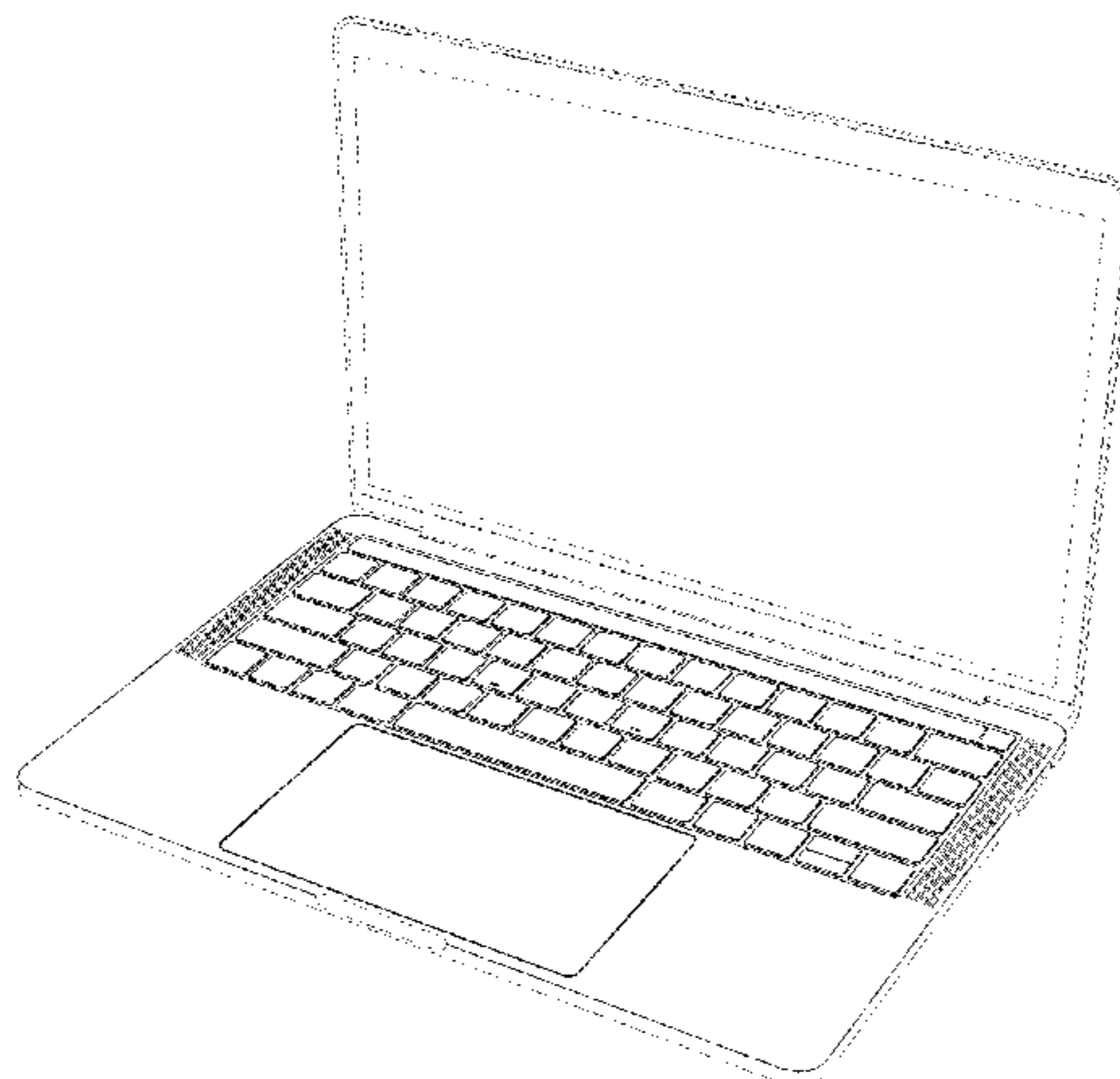
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USPC D14/315-327; D18/1, 2, 7, 11; 235/145 A, 145 R; 341/22, 23; 345/104, 345/156, 168, 169, 173; 361/679.08, 361/679.09, 679.11, 679.26, 679.27
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See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | |
|-------------|---------|-----------------|
| D264,969 S | 6/1982 | McGourty |
| 4,976,435 A | 12/1990 | Shatford et al. |
| 5,192,082 A | 3/1993 | Inoue et al. |
| D345,346 S | 3/1994 | Alfonso et al. |
| D349,923 S | 8/1994 | Billings et al. |
| D359,306 S | 6/1995 | Lande et al. |
| D362,272 S | 9/1995 | Luong |
| D362,461 S | 9/1995 | Luong |
| D378,686 S | 4/1997 | Proctor et al. |
| 5,661,632 A | 8/1997 | Register |
| D385,299 S | 10/1997 | Adams |
| D386,521 S | 11/1997 | Eisenbaum |
| 5,694,292 A | 12/1997 | Paulsel et al. |
| 5,694,294 A | 12/1997 | Ohashi et al. |
| 5,713,790 A | 2/1998 | Lin |
| D391,927 S | 3/1998 | Faranda et al. |
| D396,452 S | 7/1998 | Naruki |
| 5,793,355 A | 8/1998 | Youens |
| D399,526 S | 10/1998 | Brady |
| D402,310 S | 12/1998 | Hendricks |
| D410,028 S | 5/1999 | Fyffe |
| D412,940 S | 8/1999 | Kato et al. |
| 5,964,661 A | 10/1999 | Dodge |
| D416,238 S | 11/1999 | Irie et al. |



US D816,661 S

| | | | | | | |
|--------------|---------|-------------------|-----------------|---------|------------------|---------------------------|
| 6,038,128 A | 3/2000 | Hood et al. | D611,043 S | 3/2010 | Andre et al. | |
| D425,558 S | 5/2000 | Tarpenning et al. | D611,044 S | 3/2010 | Andre et al. | |
| D425,874 S | 5/2000 | Tanimura | D611,045 S | 3/2010 | Andre et al. | |
| 6,067,224 A | 5/2000 | Nobuchi | D611,469 S | 3/2010 | Andre et al. | |
| D430,117 S | 8/2000 | Sachs et al. | D612,843 S | 3/2010 | Andre et al. | |
| D430,169 S | 8/2000 | Scibora | D613,284 S | 4/2010 | Solomon et al. | |
| D431,821 S | 10/2000 | Mizuno | D616,488 S | 5/2010 | Gonzalez | |
| 6,166,737 A | 12/2000 | Lee et al. | D616,880 S | 6/2010 | Andre et al. | |
| D437,860 S | 2/2001 | Suzuki et al. | D616,881 S | 6/2010 | Andre et al. | |
| D445,787 S | 7/2001 | Francis | D617,789 S | 6/2010 | Akana et al. | |
| 6,254,477 B1 | 7/2001 | Sasaki et al. | 7,733,636 B2 | 6/2010 | Kobayashi et al. | |
| D448,810 S | 10/2001 | Goto | D621,409 S | 8/2010 | Andre et al. | |
| D449,606 S | 10/2001 | Lee et al. | D621,825 S | 8/2010 | Andre et al. | |
| D450,713 S | 11/2001 | Matsamitsu et al. | D622,268 S | 8/2010 | Hong et al. | |
| D451,505 S | 12/2001 | Iseki et al. | D623,645 S | 9/2010 | Andre et al. | |
| D452,250 S | 12/2001 | Chan | D625,716 S | 10/2010 | Andre et al. | |
| D453,333 S | 2/2002 | Chen | D625,717 S | 10/2010 | Andre et al. | |
| D458,252 S | 6/2002 | Palm et al. | D633,087 S | 2/2011 | Andre et al. | |
| D463,797 S | 10/2002 | Andre et al. | D633,488 S | 3/2011 | Kim et al. | |
| D469,109 S | 1/2003 | Andre et al. | D633,907 S | 3/2011 | Andre et al. | |
| D472,245 S | 3/2003 | Andre et al. | D635,566 S | 4/2011 | Andre et al. | |
| D481,036 S | 10/2003 | Wentt | 7,948,752 B2 | 5/2011 | Tatsukami et al. | |
| 6,657,854 B2 | 12/2003 | Horii et al. | D639,295 S | 6/2011 | Andre et al. | |
| D486,823 S | 2/2004 | Kuo | D642,172 S | 7/2011 | Akana et al. | |
| D487,457 S | 3/2004 | Liu | D642,560 S | 8/2011 | Akana et al. | |
| D487,742 S | 3/2004 | Huang et al. | D648,333 S | 11/2011 | Andre et al. | |
| D489,717 S | 5/2004 | Hsieh | D648,334 S | 11/2011 | Andre et al. | |
| D490,420 S | 5/2004 | Solomon et al. | D652,032 S | 1/2012 | Akana et al. | |
| D491,177 S | 6/2004 | Andre et al. | D654,072 S | 2/2012 | Andre et al. | |
| D491,933 S | 6/2004 | Guo | D655,704 S | 3/2012 | Akana et al. | |
| D491,936 S | 6/2004 | Jao | 8,139,352 B2 | 3/2012 | Yamamoto et al. | |
| 6,744,623 B2 | 6/2004 | Numano et al. | D657,786 S | 4/2012 | Andre et al. | |
| D493,785 S | 8/2004 | Andre et al. | 8,170,266 B2* | 5/2012 | Hopkinson | H04R 1/023 361/679.01 |
| D494,164 S | 8/2004 | Wu et al. | | | | |
| 6,771,494 B2 | 8/2004 | Shimano | D661,296 S | 6/2012 | Akana et al. | |
| D497,618 S | 10/2004 | Andre et al. | D662,497 S | 6/2012 | Akana et al. | |
| D501,472 S | 2/2005 | Kumano | D664,537 S | 7/2012 | Hu et al. | |
| D501,660 S | 2/2005 | Kumano | 8,223,487 B2 | 7/2012 | Chen et al. | |
| 6,876,546 B2 | 4/2005 | Tsao | 8,238,090 B2 | 8/2012 | Watanabe | |
| D504,889 S | 5/2005 | Andre et al. | 8,339,775 B2 | 12/2012 | Degner et al. | |
| 6,932,525 B2 | 8/2005 | Trotman | D674,382 S | 1/2013 | Andre et al. | |
| D512,997 S | 12/2005 | Lee et al. | D676,437 S | 2/2013 | Akana et al. | |
| 6,972,946 B2 | 12/2005 | Hamada et al. | D676,438 S | 2/2013 | Akana et al. | |
| D513,509 S | 1/2006 | Kawa | D679,704 S | 4/2013 | McManigal et al. | |
| D517,063 S | 3/2006 | Nakajima et al. | D679,705 S | 4/2013 | McManigal et al. | |
| 7,012,802 B2 | 3/2006 | Nakajima et al. | D682,821 S | 5/2013 | Kim et al. | |
| 7,035,665 B2 | 4/2006 | Kido et al. | D685,784 S | 7/2013 | Ma | |
| D523,429 S | 6/2006 | Lin | D686,205 S | 7/2013 | Akana et al. | |
| D524,306 S | 7/2006 | Yun et al. | D687,030 S | 7/2013 | Andre et al. | |
| D526,999 S | 8/2006 | Tago | D687,031 S | 7/2013 | Chen et al. | |
| D527,730 S | 9/2006 | Dong | D691,128 S | 10/2013 | Akana et al. | |
| D529,907 S | 10/2006 | Dong | D691,129 S | 10/2013 | Akana et al. | |
| D533,550 S | 12/2006 | Yamada | D694,748 S | 12/2013 | Okuley et al. | |
| D547,310 S | 7/2007 | Yoon | D696,244 S | 12/2013 | Akana et al. | |
| D556,192 S | 11/2007 | Jeong et al. | D696,569 S | 12/2013 | Chen et al. | |
| D558,752 S | 1/2008 | Andre et al. | D696,660 S | 12/2013 | Chen et al. | |
| D558,753 S | 1/2008 | Andre et al. | D696,661 S | 12/2013 | Chen et al. | |
| D571,364 S | 6/2008 | Andre et al. | 8,687,359 B2 | 4/2014 | Thobald et al. | |
| D572,246 S | 7/2008 | Andre et al. | 8,734,036 B2 | 5/2014 | Hirsch | |
| D572,247 S | 7/2008 | Andre et al. | D706,759 S | 6/2014 | Myung et al. | |
| D574,378 S | 8/2008 | Andre et al. | D706,772 S | 6/2014 | Koyama et al. | |
| 7,426,113 B2 | 9/2008 | Ikeno et al. | D708,176 S | 7/2014 | Akana et al. | |
| D581,411 S | 11/2008 | Kumano | D708,179 S | 7/2014 | Andre et al. | |
| D589,507 S | 3/2009 | Andre et al. | D717,787 S | 11/2014 | Jung et al. | |
| D600,688 S | 9/2009 | Andre et al. | D719,149 S | 12/2014 | Matsuoka | |
| D601,556 S | 10/2009 | Iseki | 8,947,874 B2* | 2/2015 | Andre | G06F 1/1616 361/679.26 |
| D603,861 S | 11/2009 | Hong et al. | | | | |
| D604,289 S | 11/2009 | Andre et al. | | | | |
| D604,290 S | 11/2009 | Andre et al. | D723,539 S | 3/2015 | Andre et al. | |
| D604,291 S | 11/2009 | Andre et al. | D729,227 S | 5/2015 | Fukuoka | |
| D604,292 S | 11/2009 | Andre et al. | D741,316 S | 10/2015 | Andre et al. | |
| D604,293 S | 11/2009 | Andre et al. | D776,107 S | 1/2017 | Akana et al. | |
| D604,294 S | 11/2009 | Andre et al. | 2005/0008418 A1 | 1/2005 | Green | |
| D606,068 S | 12/2009 | Hong et al. | 2005/0180794 A1 | 8/2005 | Parkinson | |
| D606,534 S | 12/2009 | Hong et al. | 2005/0207817 A1 | 9/2005 | Jenkins | |
| D606,988 S | 12/2009 | Andre et al. | 2006/0147239 A1 | 7/2006 | Kuriss | |
| D606,989 S | 12/2009 | Andre et al. | 2006/0257191 A1 | 11/2006 | Artus | |
| D607,450 S | 1/2010 | Morishita et al. | 2008/0074833 A1 | 3/2008 | Chien et al. | |
| 7,660,104 B2 | 2/2010 | Ligtenberg | 2010/0067182 A1 | 3/2010 | Tanaka et al. | |

2010/0091442 A1* 4/2010 Theobald G06F 1/1616
361/679.09
2011/0255727 A1 10/2011 Azuchi
2012/0099263 A1 4/2012 Lin

FOREIGN PATENT DOCUMENTS

| | | |
|----|-----------------|---------|
| CN | 301384975 | 11/2010 |
| JP | 1128620 | 12/2001 |
| JP | 1438161 | 4/2012 |
| JP | 1469539 | 5/2013 |
| KR | 30-0608518-0000 | 8/2011 |
| KR | 30-0613298-0000 | 9/2011 |
| KR | 30-0687340-0000 | 4/2013 |

OTHER PUBLICATIONS

Sony X505, available at least as early as May 8, 2005.
HP Compaq Tablet PC Tc 1100, http://web.archive.org/web/20040726084509/h_18000.www1.hp.com/products/tabletpc/, downloaded Aug. 27, 2004.
Tablet PC V1100, <http://web.archive.org/web/20040714060448/www.viewsonic.com/products/desktopdisplays/tabletpc/tabletpcv1100/>, downloaded Aug. 27, 2004.
VIA Tablet PC Reference Design: The Digital Notepad, <http://www.via.com/en/initiatives/spearhead/information-pc/>, downloaded Aug. 27, 2004.
ViewPad 1000, http://www.viewsonic.com/support/mobilewireless/tabletpc/viewpad1000_index.htm, downloaded Aug. 27, 2004.
Photographs of Sony VAIO PCG-4G1L, available at least as early as May 8, 2006.
Apple PowerBook G4 Titanium, available at least as early as Jan. 1, 2001.
Apple PowerBook G4 Aluminum, available at least as early as Jan. 1, 2003.
Apple MacBook Pro, available at least as early as Jan. 10, 2006.
Apple MacBook Air, available Jan. 15, 2008, http://images.apple.com/macbookair/images/design_gal01_20080115.jpg.
Apple MacBook Air, available Jan. 15, 2008, http://images.apple.com/macbookair/images/design_gal02_20080115.jpg.
Apple MacBook Air, available Jan. 15, 2008, http://images.apple.com/macbookair/images/design_gal03_20080115.jpg.
Apple MacBook Air, available Jan. 15, 2008, http://images.apple.com/macbookair/images/design_gal04_20080115.jpg.
Apple MacBook Air, available Jan. 15, 2008, http://images.apple.com/macbookair/images/design_thinair20080115.
Apple MacBook Air, available Jan. 15, 2008, http://images.apple.com/macbookair/images/design_displayair20080115.jpg.
Apple MacBook Air, available Jan. 15, 2008, http://images.apple.com/macbookair/images/design_keyboardair20080115.jpg.
Apple MacBook Air, available Jan. 15, 2008, http://images.apple.com/macbookair/images/design_gal08_20080115.jpg.

Appendix in U.S. Appl. No. 29/201,636, entitled "Electronic Device" filed Mar. 17, 2004, now U.S. Pat. No. D504,889.
Olidata Altro, available at least as early as Jun. 1, 2009.
Olidata Altro, <http://notebookitalia.it/olidata-altro-italian-style-notebook-culv-5674.html>, published Mar. 3, 2009.
Rudi, 13-inch MacBook Air has a modern interior, Nov. 2, 2011, prohardver, 2pgs.
Sharp Corporation, Sharp Releases Notebook PC with Optical Sensor LCD Pad, "Mebius", <http://www.sharp.co.jp/corporate/news/090421-a.html>, available as early as Apr. 21, 2009.
Designboom, Lenovo Yoga 3 Pro Laptop's Flexible-Use Stabilized by Watchband Hinge, <http://www.designboom.com/technology/lenovo-yoga-3-pro-laptop-10-10-2014/>, available as early as Oct. 10, 2014.
Mark Gurman, Apple's next major Mac revealed: the radically new 12-inch MacBook Air, <https://9to5mac.com/2015/01/06/macbook-air-12-inch-redesign/>, available as early as Jan. 6, 2015.
Best Buy Co., Inc., <http://www.bestbuy.com/site/olspage.jsp?id=cat13506&type=page&skuId=9441909&productId=1218105184065&navigation=next&count=1&chk=true&h=387>, available as early as Sep. 4, 2009.
17-inch Apple MacBook Pro Review, http://www.laptopmag.com/uploadedimages/review/laptops/2009/apple/macbook_pro_2561g.jpg, available as early as Feb. 25, 2009.

* cited by examiner

Primary Examiner — Freda S Nunn
(74) *Attorney, Agent, or Firm* — Saidman DesignLaw Group, LLC

(57) **CLAIM**

The ornamental design for an electronic device, as shown and described.

DESCRIPTION

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

1 Claim, 8 Drawing Sheets

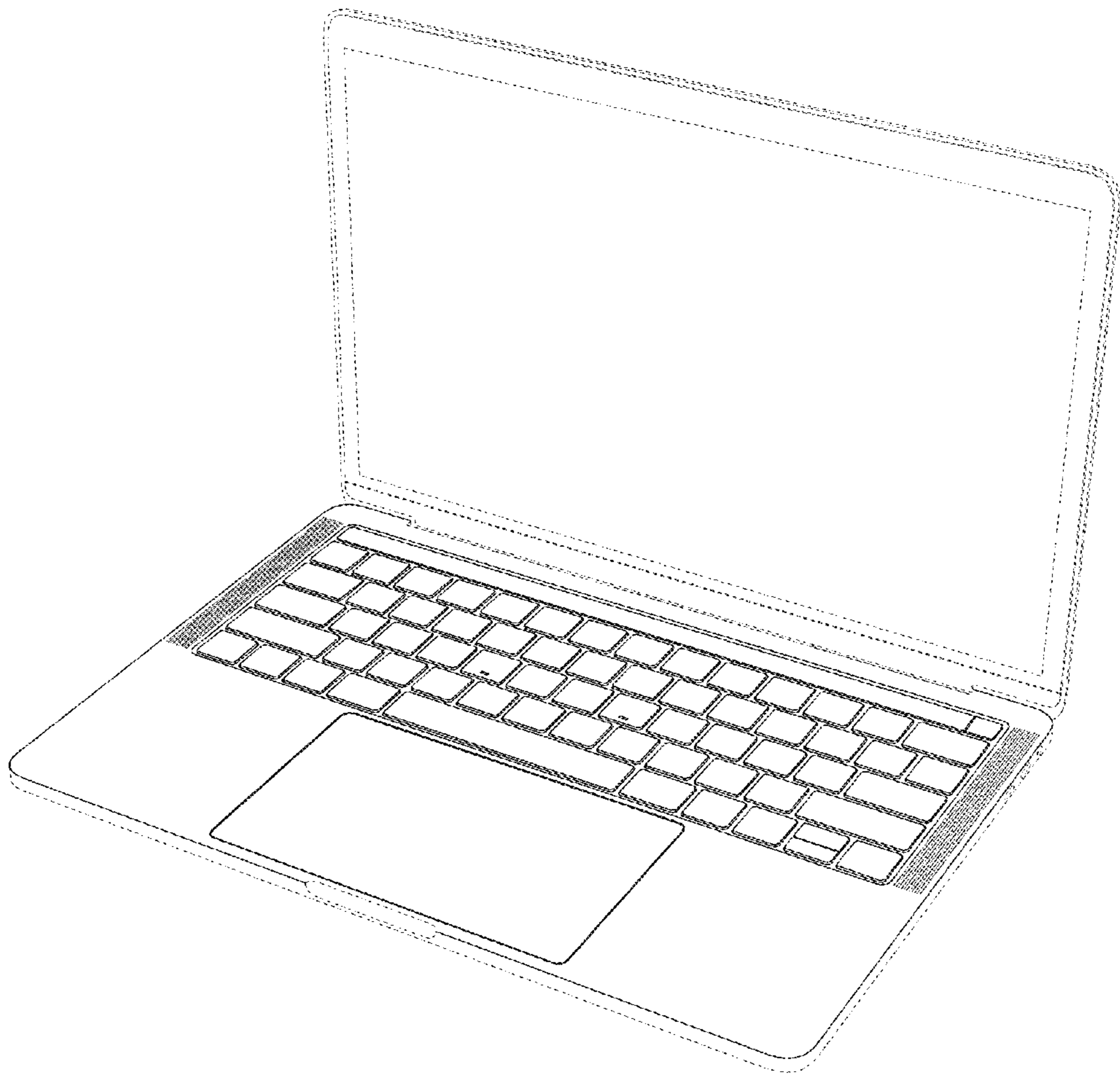


FIG. 1

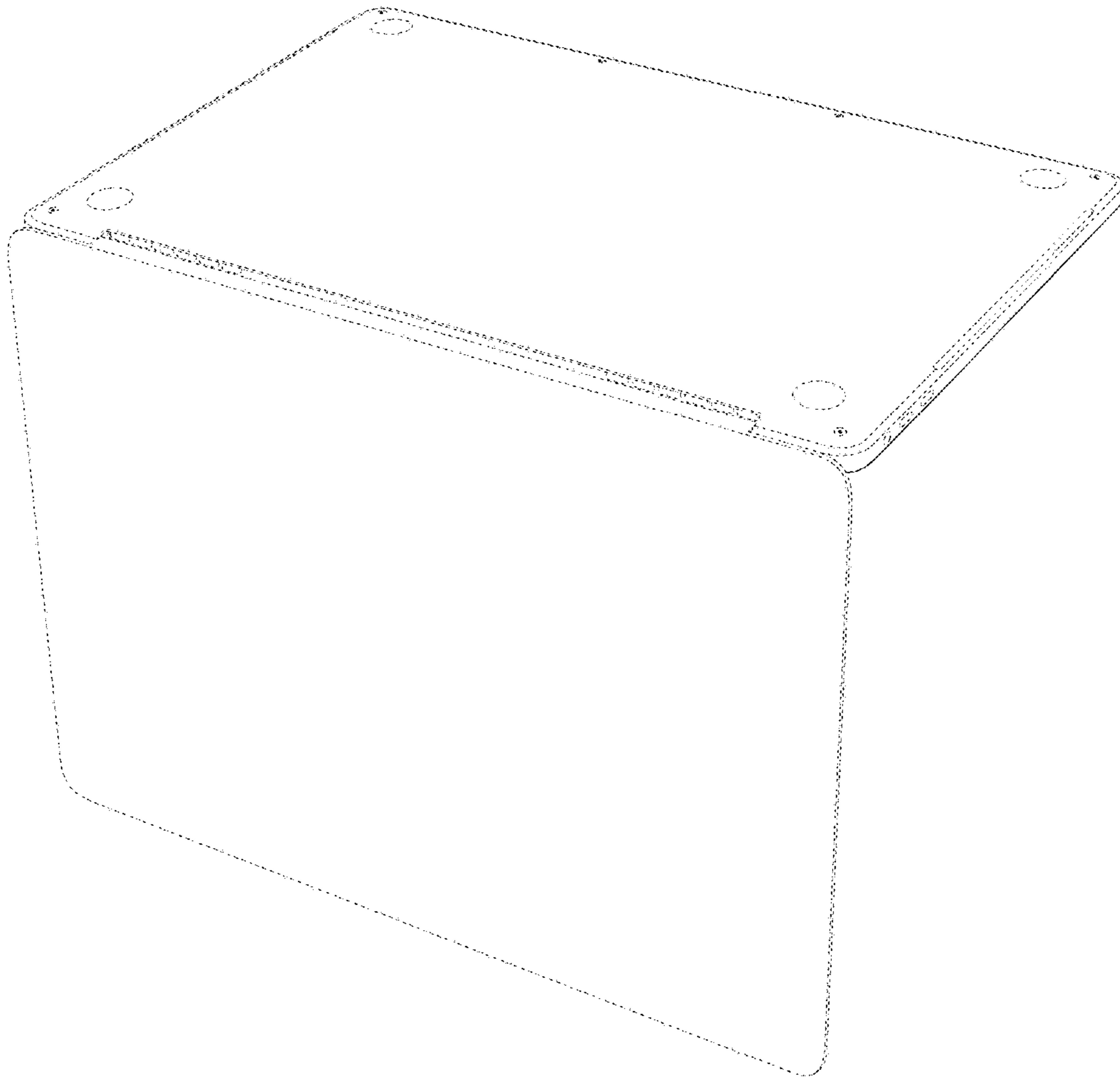


FIG. 2

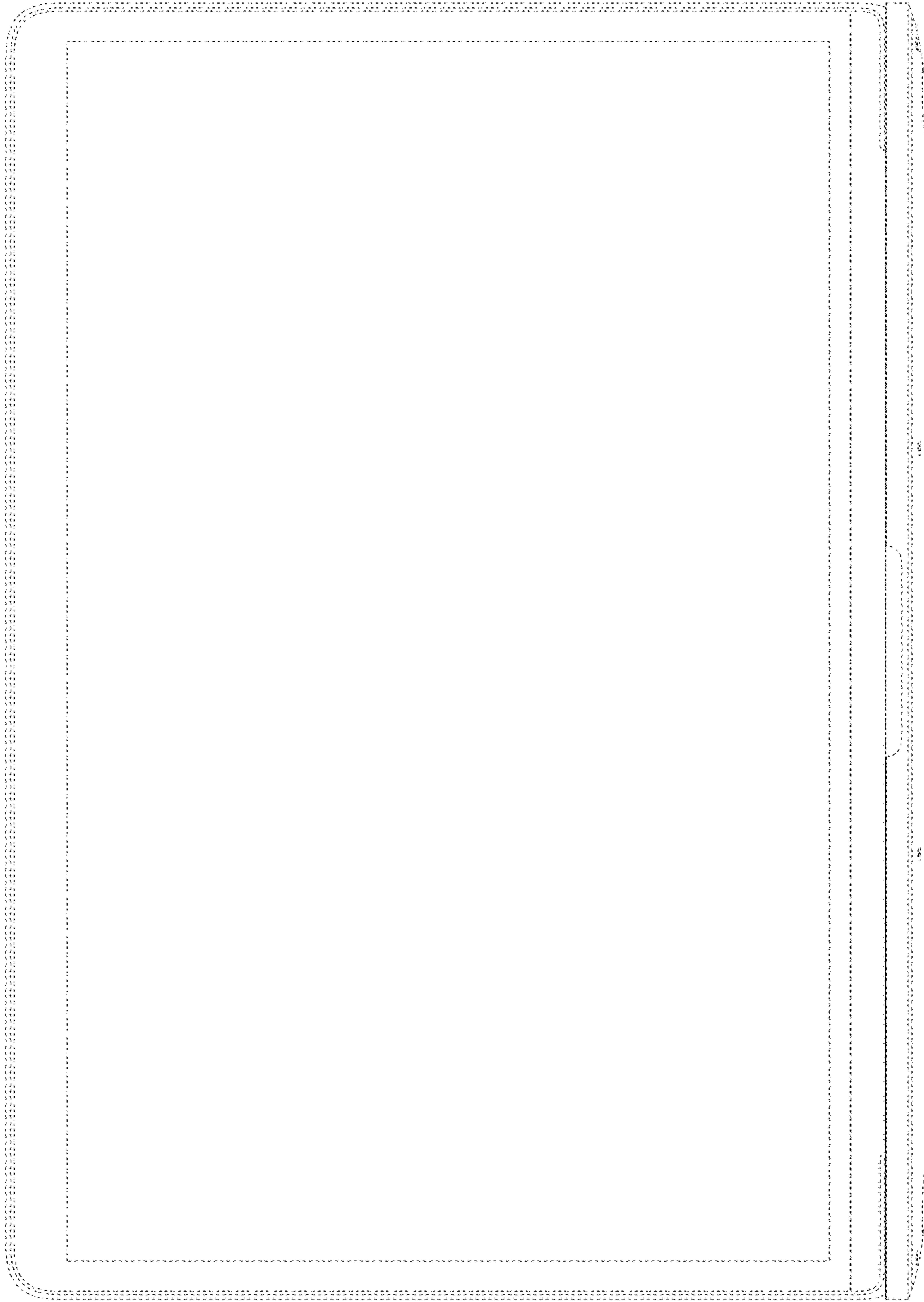


FIG. 3



FIG. 4

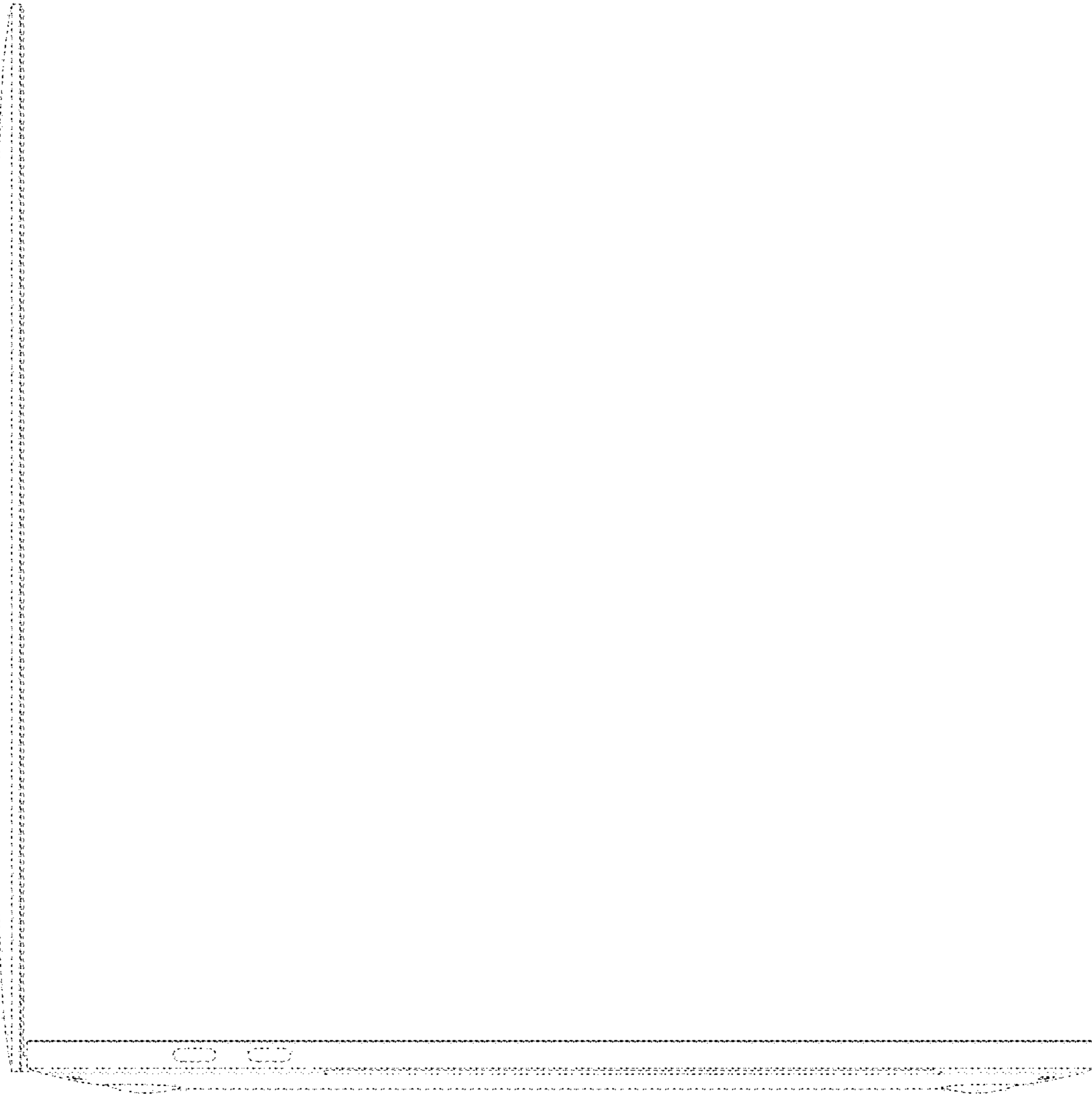


FIG. 5



FIG. 6

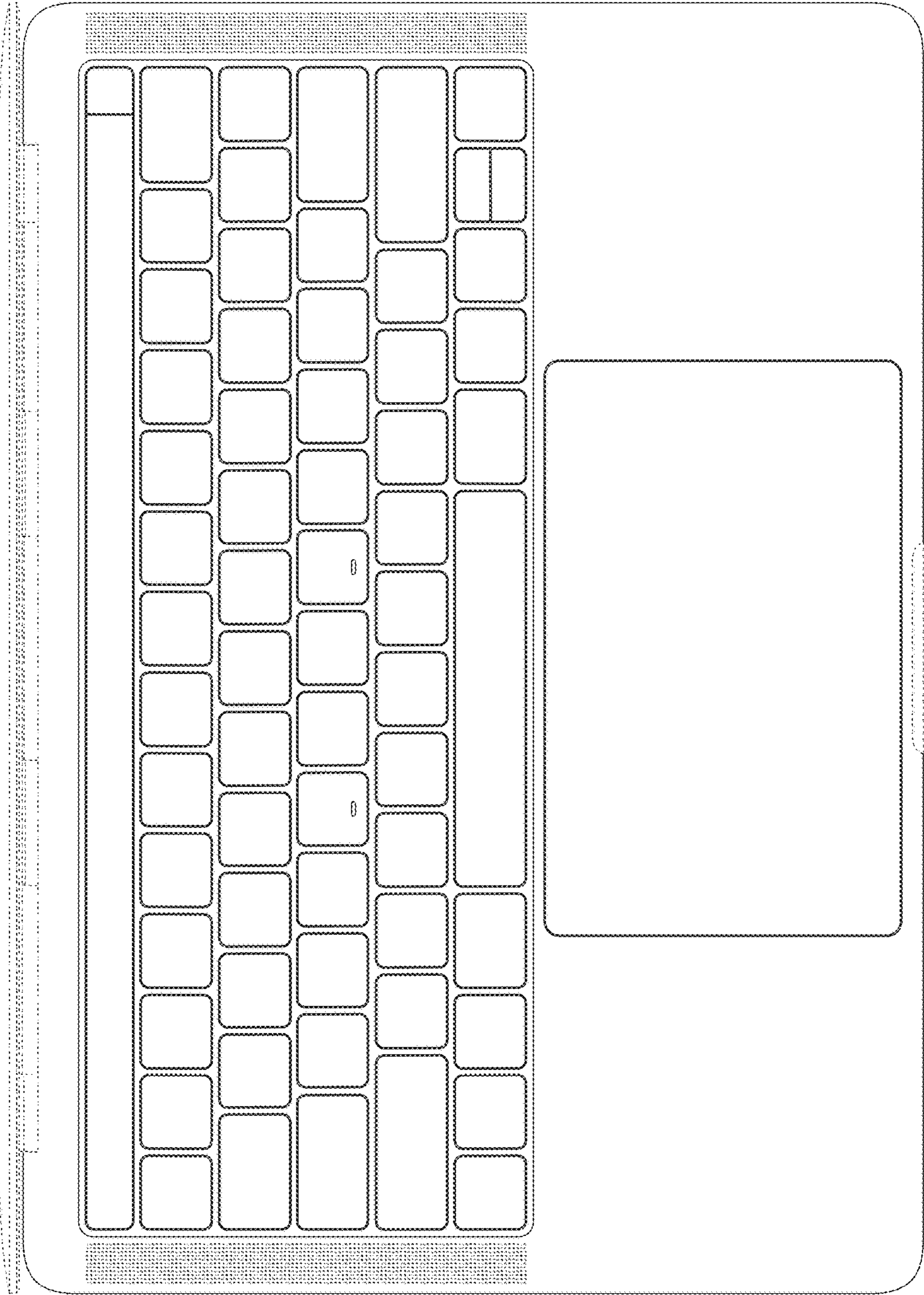


FIG. 7

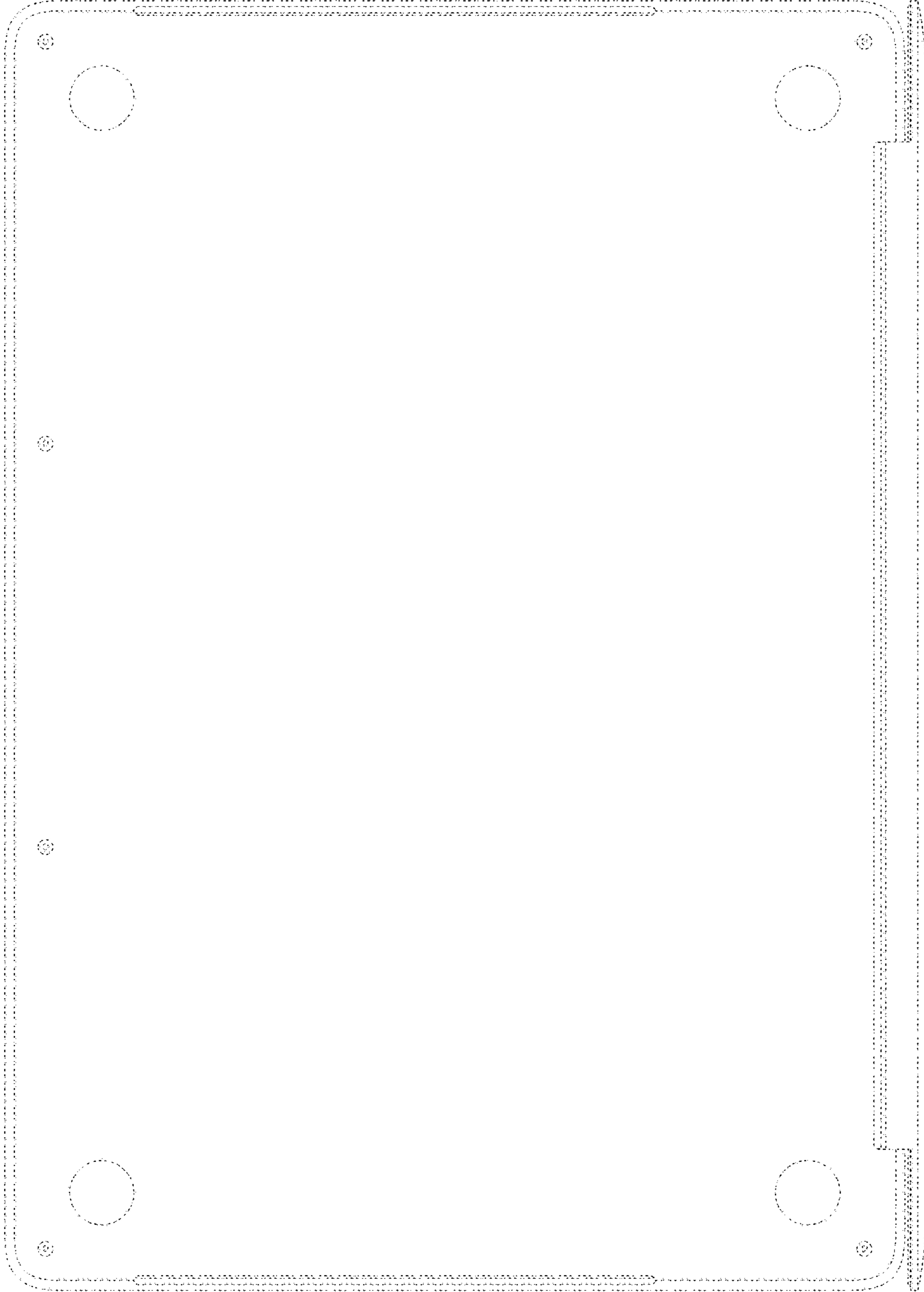


FIG. 8