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(12) **United States Design Patent** (10) **Patent No.:** **US D888,049 S**
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(54) **ELECTRONIC DEVICE**

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

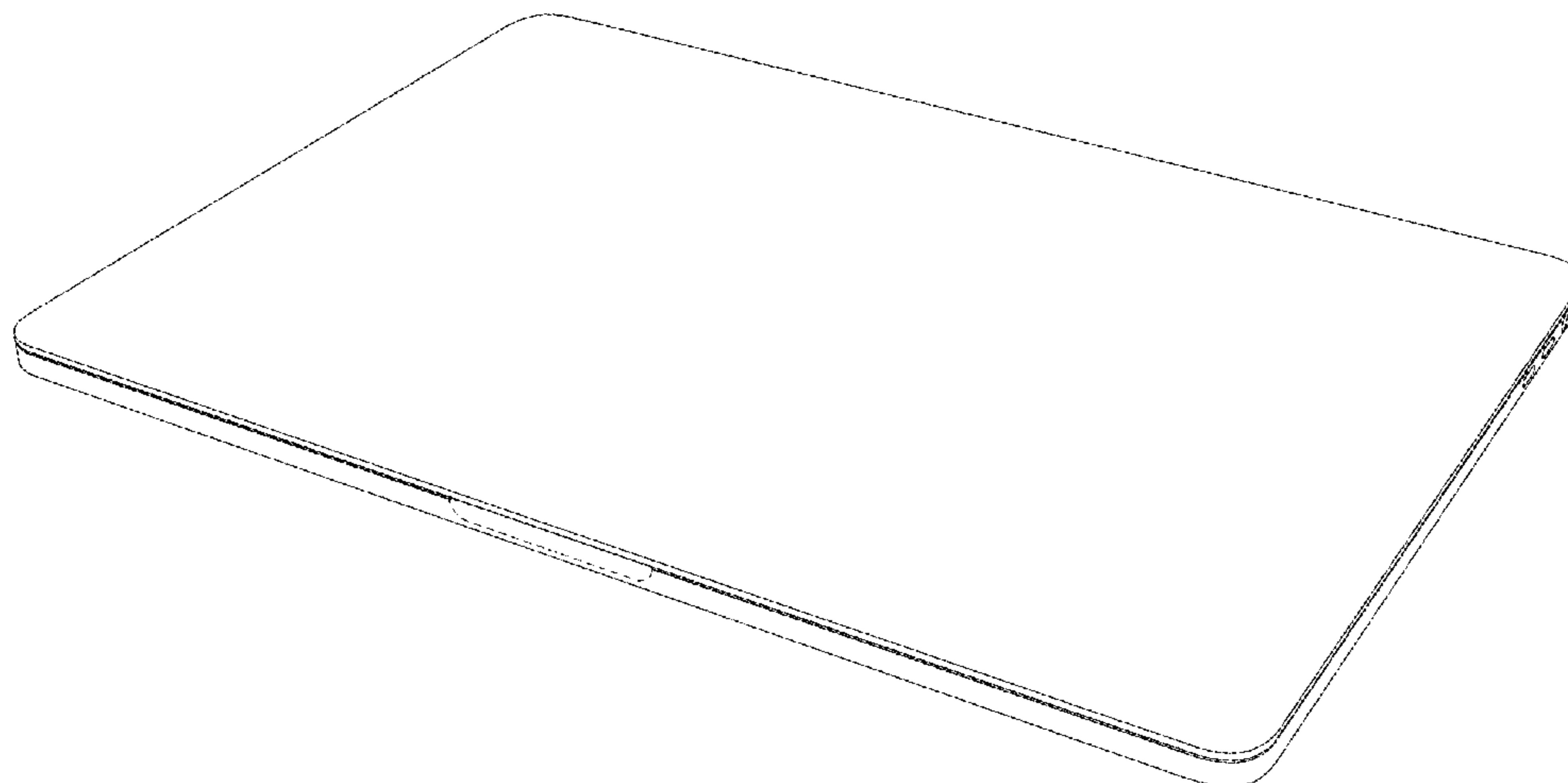
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USPC **D14/318**

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H04M 1/00; H04M 1/2479; H04M
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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.	
5,623,391 A *	4/1997	Chase	G06F 1/1605 248/917
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.	
6,038,128 A	3/2000	Hood et al.	
D425,558 S	5/2000	Tarpenning et al.	
D425,874 S	5/2000	Tanimura	
6,067,224 A	5/2000	Nobuchi	
D430,117 S	8/2000	Sachs et al.	
D430,169 S	8/2000	Scibora	



US D888,049 S

D431,821 S	10/2000	Mizuno	D616,488 S	6/2010	Andre et al.	
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	D14/315
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	D14/318
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.	D682,824 S *	5/2013	Kim	D14/315
D523,429 S	6/2006	Lin	D685,784 S	7/2013	Ma	
D524,306 S	7/2006	Yun et al.	D686,202 S *	7/2013	Lee	D14/315
D526,999 S	8/2006	Tago	D686,205 S *	7/2013	Akana	D14/318
D527,730 S	9/2006	Dong	D686,611 S *	7/2013	Lin	D14/315
D529,907 S	10/2006	Dong	D687,030 S	7/2013	Andre et al.	
D533,550 S	12/2006	Yamada	D687,031 S	7/2013	Chen et al.	
D547,310 S	7/2007	Yoon	D691,128 S	10/2013	Akana et al.	
D556,192 S	11/2007	Jeong et al.	D691,129 S	10/2013	Akana et al.	
D558,752 S	1/2008	Andre et al.	D694,748 S	12/2013	Okuley et al.	
D558,753 S	1/2008	Andre et al.	D696,244 S	12/2013	Akana et al.	
D571,364 S	6/2008	Andre et al.	D696,569 S	12/2013	Chen et al.	
D572,246 S	7/2008	Andre et al.	D696,660 S	12/2013	Chen et al.	
D572,247 S	7/2008	Andre et al.	D696,661 S	12/2013	Chen et al.	
D574,378 S	8/2008	Andre et al.	8,616,748 B1 *	12/2013	Degner	G06F 1/1616 361/679.02
7,426,113 B2	9/2008	Ikeno et al.				
D581,411 S *	11/2008	Kumano	8,687,359 B2	4/2014	Thobald et al.	
D589,507 S	3/2009	Andre et al.	8,734,036 B2	5/2014	Hirsch	
D600,688 S	9/2009	Andre et al.	D706,759 S	6/2014	Myung et al.	
D601,556 S	10/2009	Iseki	D706,772 S	6/2014	Koyama et al.	
D603,861 S	11/2009	Hong et al.	D708,176 S	7/2014	Akana et al.	
D604,289 S	11/2009	Andre et al.	D708,179 S	7/2014	Andre et al.	
D604,290 S	11/2009	Andre et al.	8,831,261 B2 *	9/2014	Casebolt	H04R 1/02 381/333
D604,291 S *	11/2009	Andre				
D604,292 S	11/2009	Andre et al.	D717,787 S	11/2014	Jung et al.	
D604,293 S	11/2009	Andre et al.	D719,149 S	12/2014	Matsuoka	
D604,294 S	11/2009	Andre et al.	8,947,874 B2	2/2015	Andre et al.	
D606,068 S	12/2009	Hong et al.	D723,539 S *	3/2015	Andre	D14/315
D606,534 S	12/2009	Hong et al.	D729,227 S	5/2015	Fukuoka	
D606,988 S	12/2009	Andre et al.	D741,316 S	10/2015	Andre et al.	
D606,989 S	12/2009	Andre et al.	D776,107 S	1/2017	Akana et al.	
D607,450 S	1/2010	Morishita et al.	D787,500 S *	5/2017	Akana	D14/315
7,660,104 B2	2/2010	Ligtenberg	D803,825 S *	11/2017	Akana	D14/315
D611,043 S	3/2010	Andre et al.	D806,701 S *	1/2018	Akana	D14/315
D611,044 S	3/2010	Andre et al.	D816,661 S *	5/2018	Akana	D14/315
D611,045 S	3/2010	Andre et al.	2005/0008418 A1	1/2005	Green	
D611,469 S	3/2010	Andre et al.	2005/0180794 A1	8/2005	Parkinson	
D612,843 S	3/2010	Andre et al.	2005/0207817 A1	9/2005	Jenkins	
D613,284 S	4/2010	Solomon et al.	2006/0147239 A1	7/2006	Kuriss	

2006/0257191	A1	11/2006	Artus	
2008/0074833	A1	3/2008	Chien et al.	
2010/0067182	A1	3/2010	Tanaka et al.	
2011/0255727	A1	10/2011	Azuchi	
2012/0099263	A1	4/2012	Lin	
2013/0327556	A1*	12/2013	Casebolt G06F 1/1616 174/82

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_ga101_20080115.jpg.
 Apple MacBook Air, available Jan. 15, 2008, http://images.apple.com/macbookair/images/design_ga102_20080115.jpg.
 Apple MacBook Air, available Jan. 15, 2008, http://images.apple.com/macbookair/images/design_ga103_20080115.jpg.
 Apple MacBook Air, available Jan. 15, 2008, http://images.apple.com/macbookair/images/design_ga104_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_ga108_20080115.jpg.
 Appendix in U.S. Appl. No. 29/201,636, entitled "Electronic Device" filed Mar. 17, 2004, now U.S. Pat. No. D. 504,889.
 Olidata Altro, available at least as early as Jun. 1, 2009.
 Olidata Altro, <http://notebookitalia.it/olidata-altro-italian-style-notebook-culy-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

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Assistant Examiner — Katherine Glennon
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(57) CLAIM

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

DESCRIPTION

FIG. 1 is a closed top front perspective view of an electronic device showing our new design;
 FIG. 2 is a closed bottom rear perspective view thereof;
 FIG. 3 is a closed front view thereof;
 FIG. 4 is a closed rear view thereof;
 FIG. 5 is a closed left side view thereof;
 FIG. 6 is a closed right side view thereof;
 FIG. 7 is a closed top view thereof;
 FIG. 8 is a closed bottom view thereof;
 FIG. 9 is an open top front perspective view thereof;
 FIG. 10 is an open bottom rear perspective view thereof;
 FIG. 11 is an open front view thereof;
 FIG. 12 is an open rear view thereof;
 FIG. 13 is an open left side view thereof;
 FIG. 14 is an open right side view thereof;
 FIG. 15 is an open top view thereof; and,
 FIG. 16 is an open bottom view thereof.
 The oblique shade lines illustrate a transparent surface.
 The broken lines illustrate structure or features which form no part of the claimed design.

1 Claim, 13 Drawing Sheets

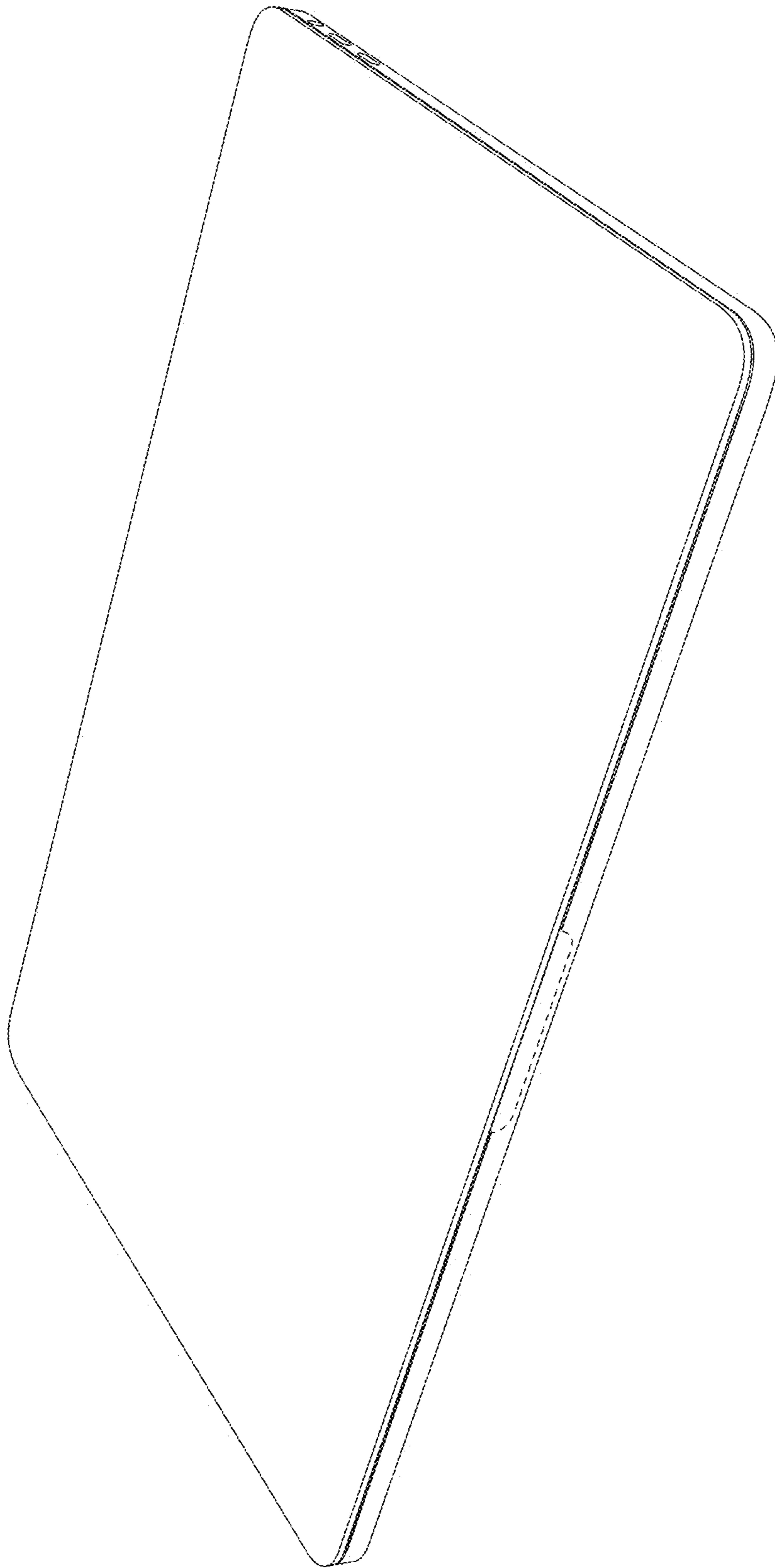


FIG. 1

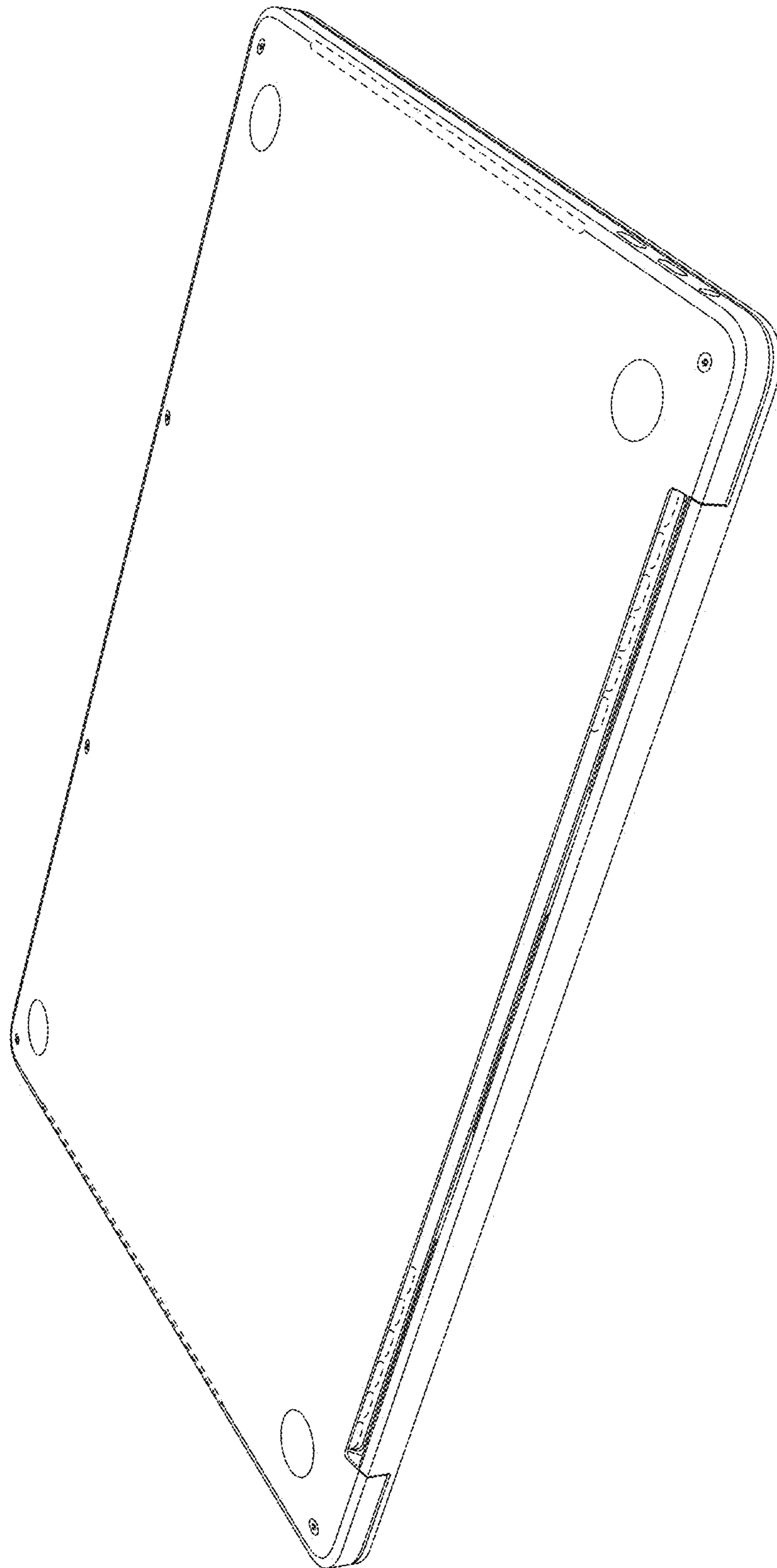


FIG. 2

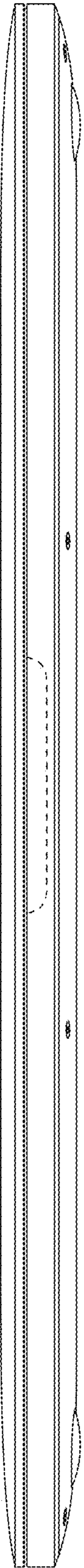


FIG. 3

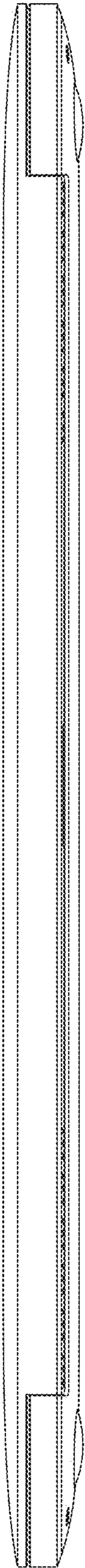


FIG. 4

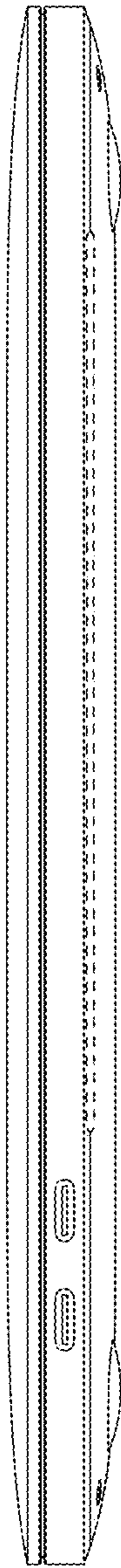


FIG. 5

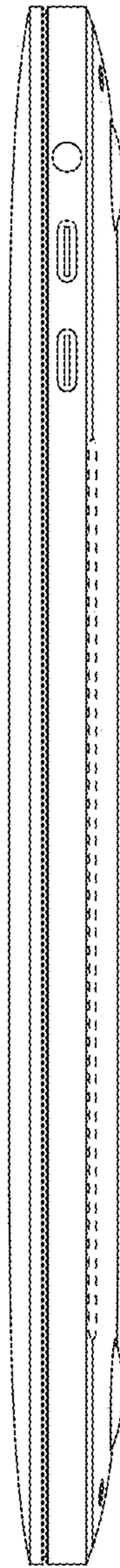


FIG. 6



FIG. 7

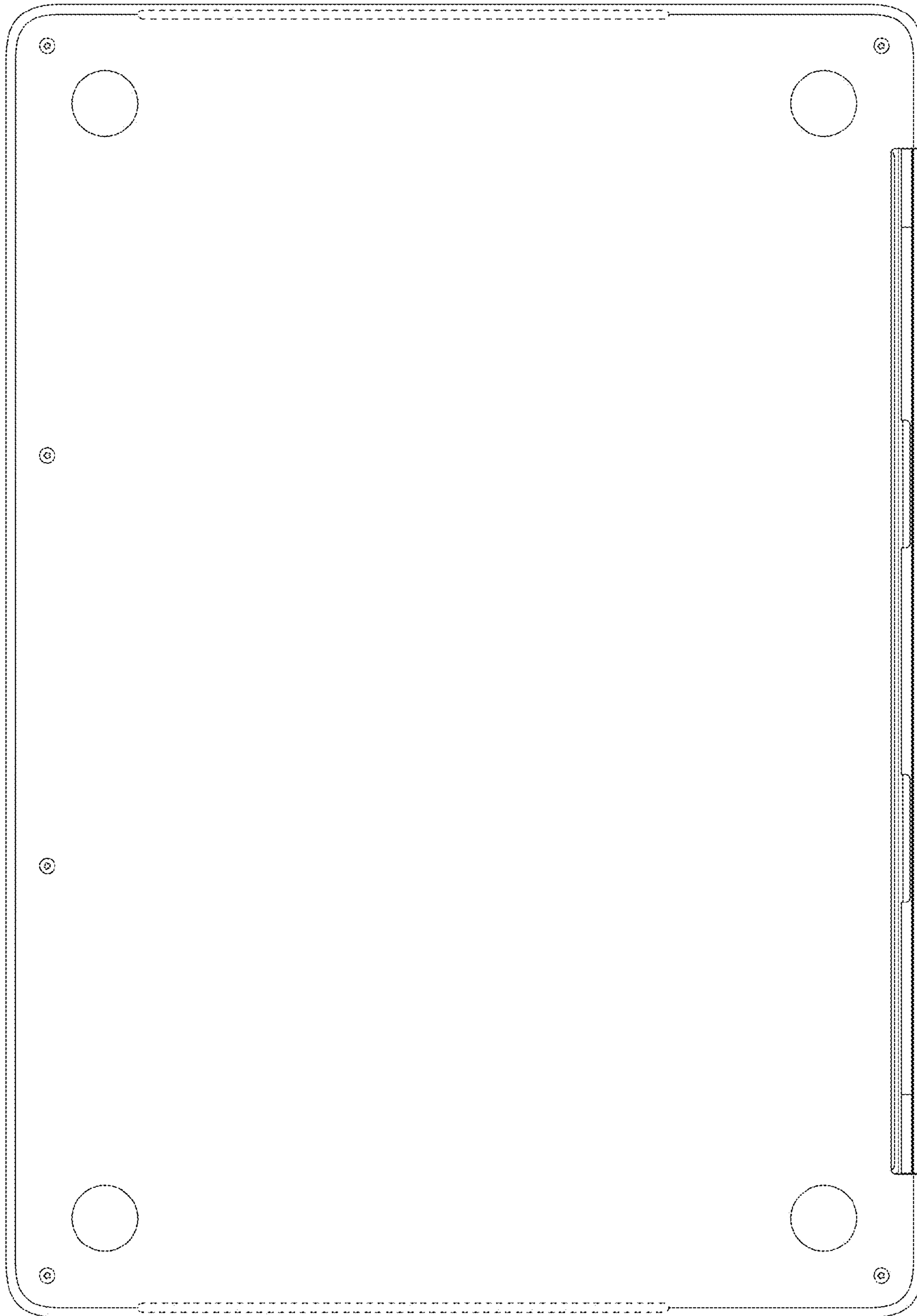


FIG. 8

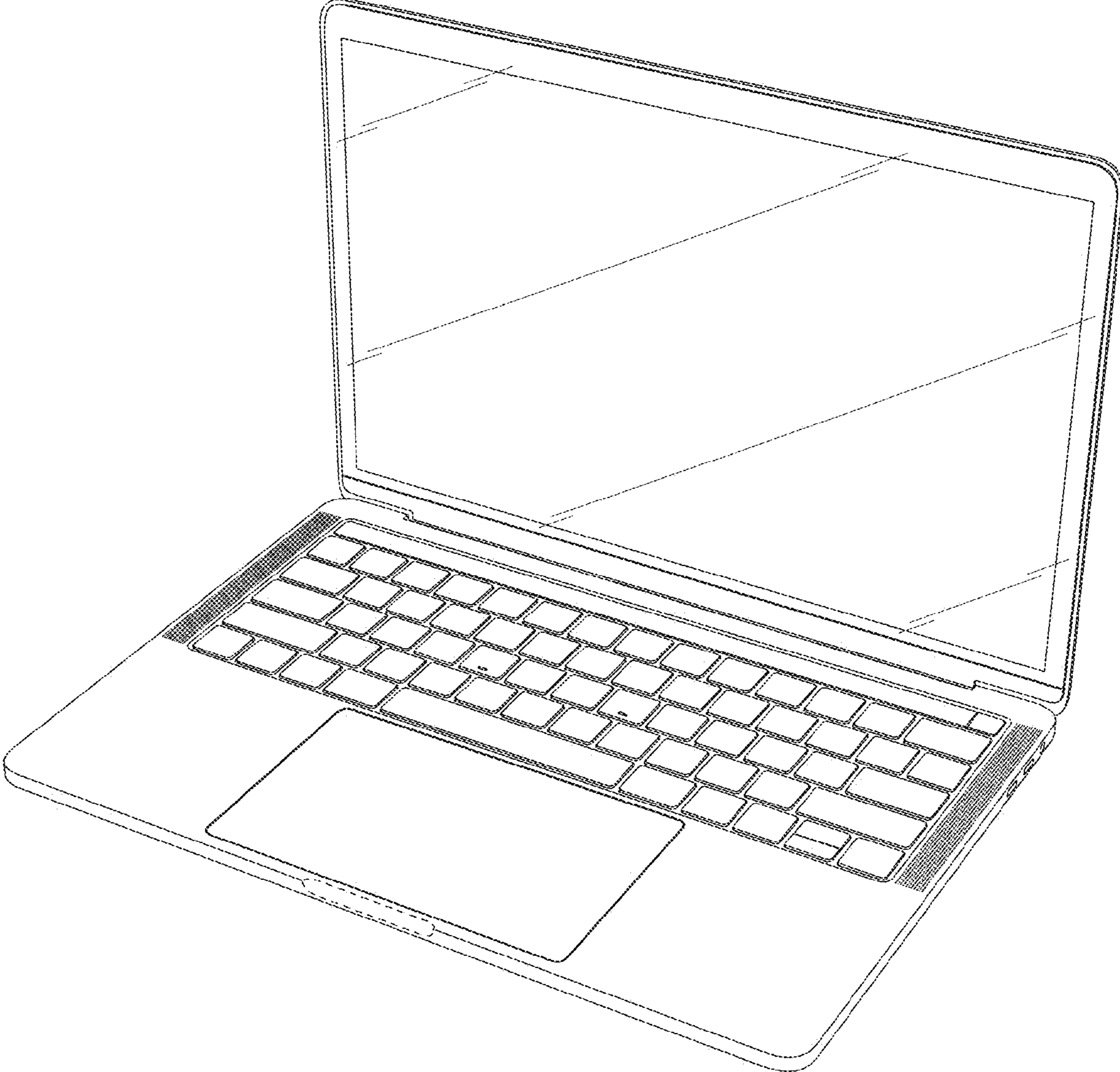


FIG. 9

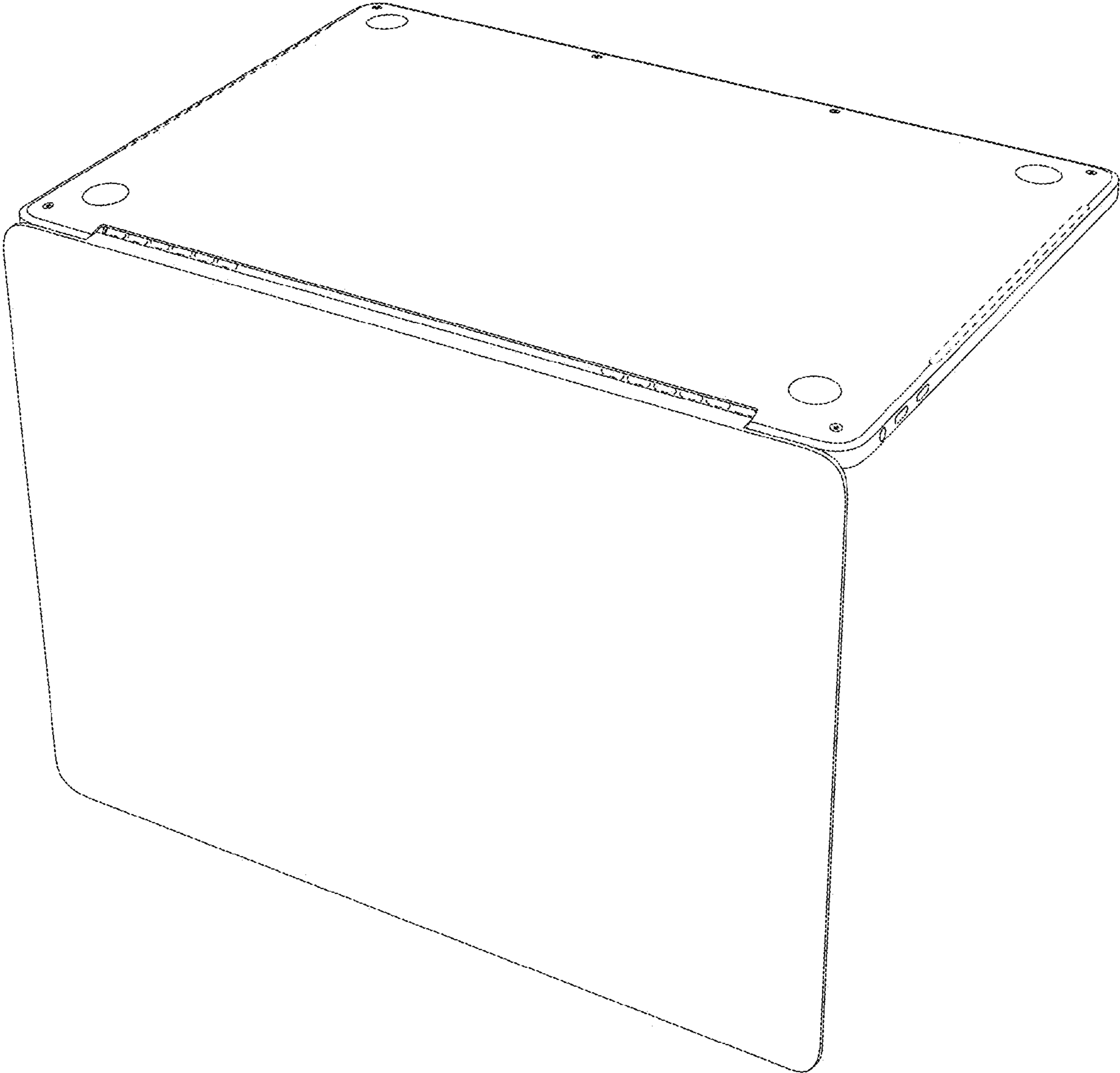


FIG. 10

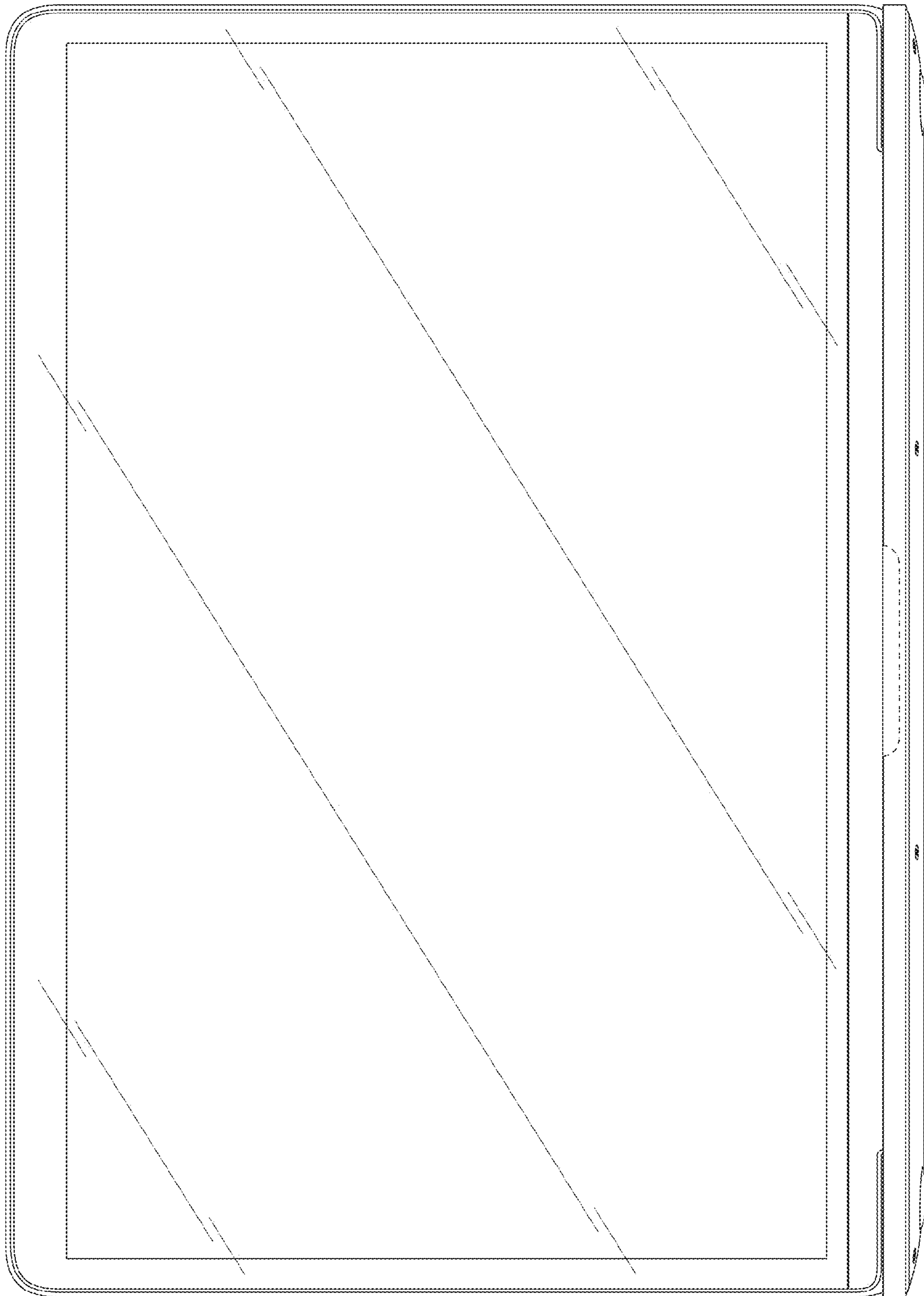


FIG. 11

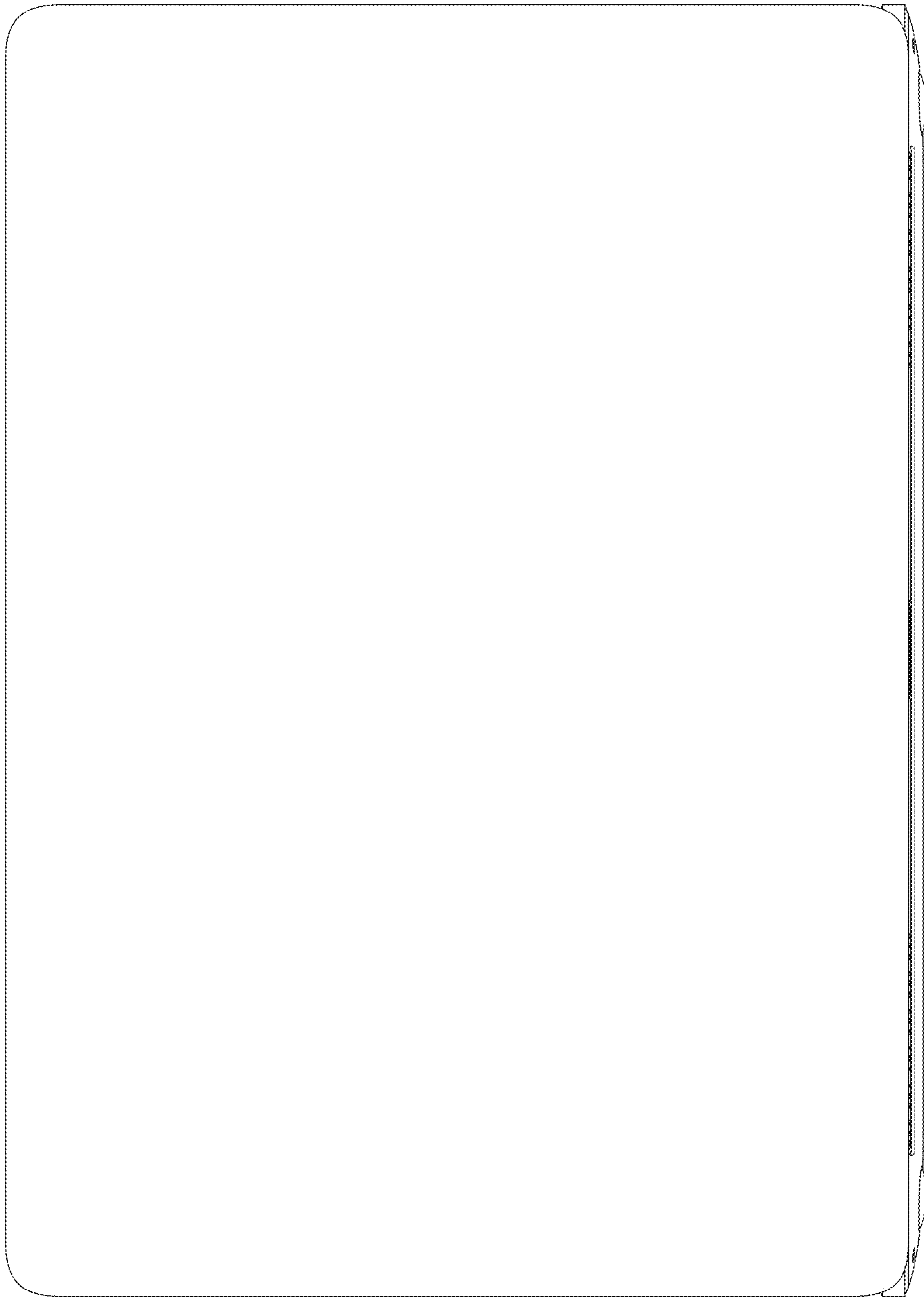


FIG. 12

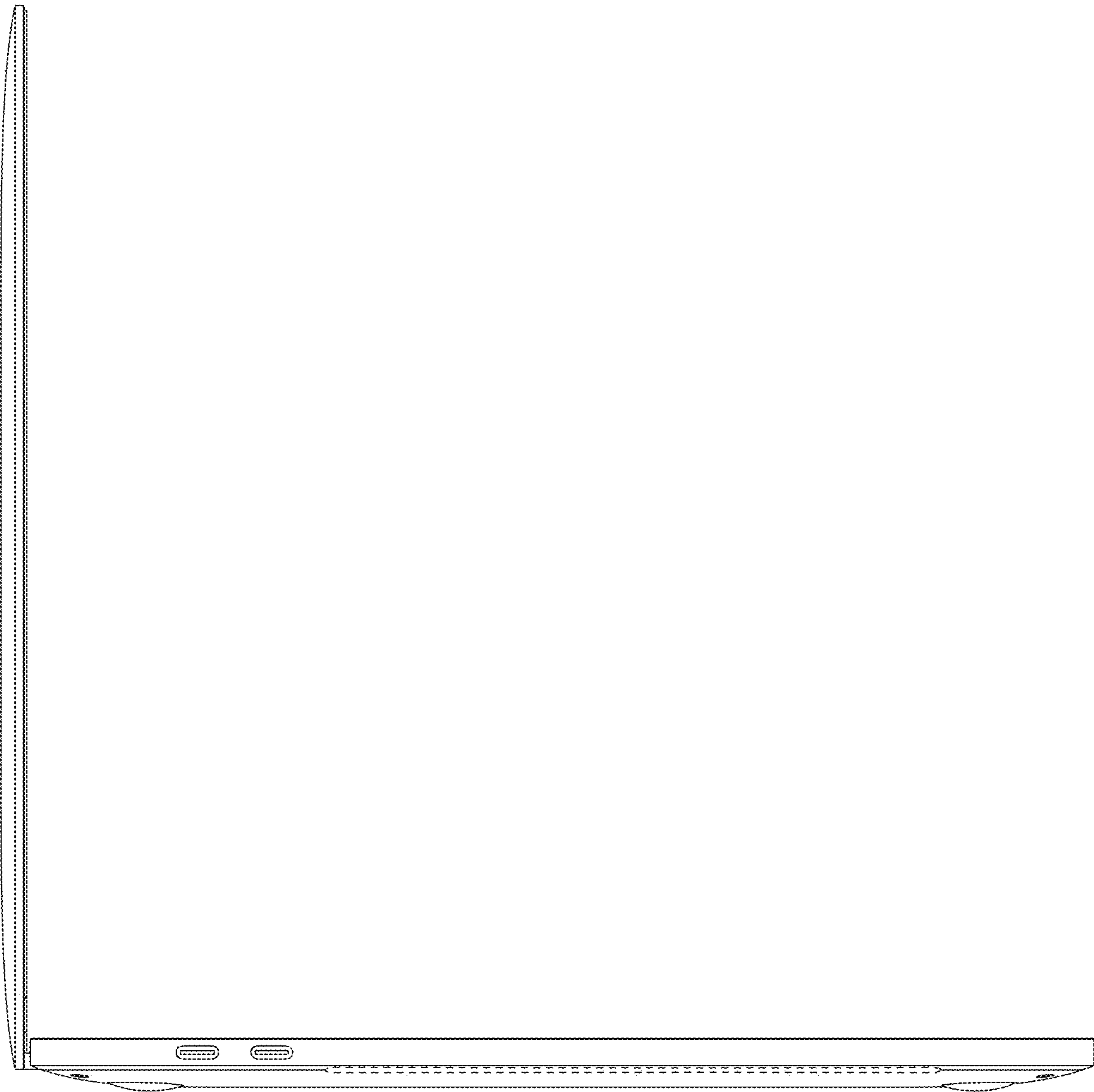


FIG. 13

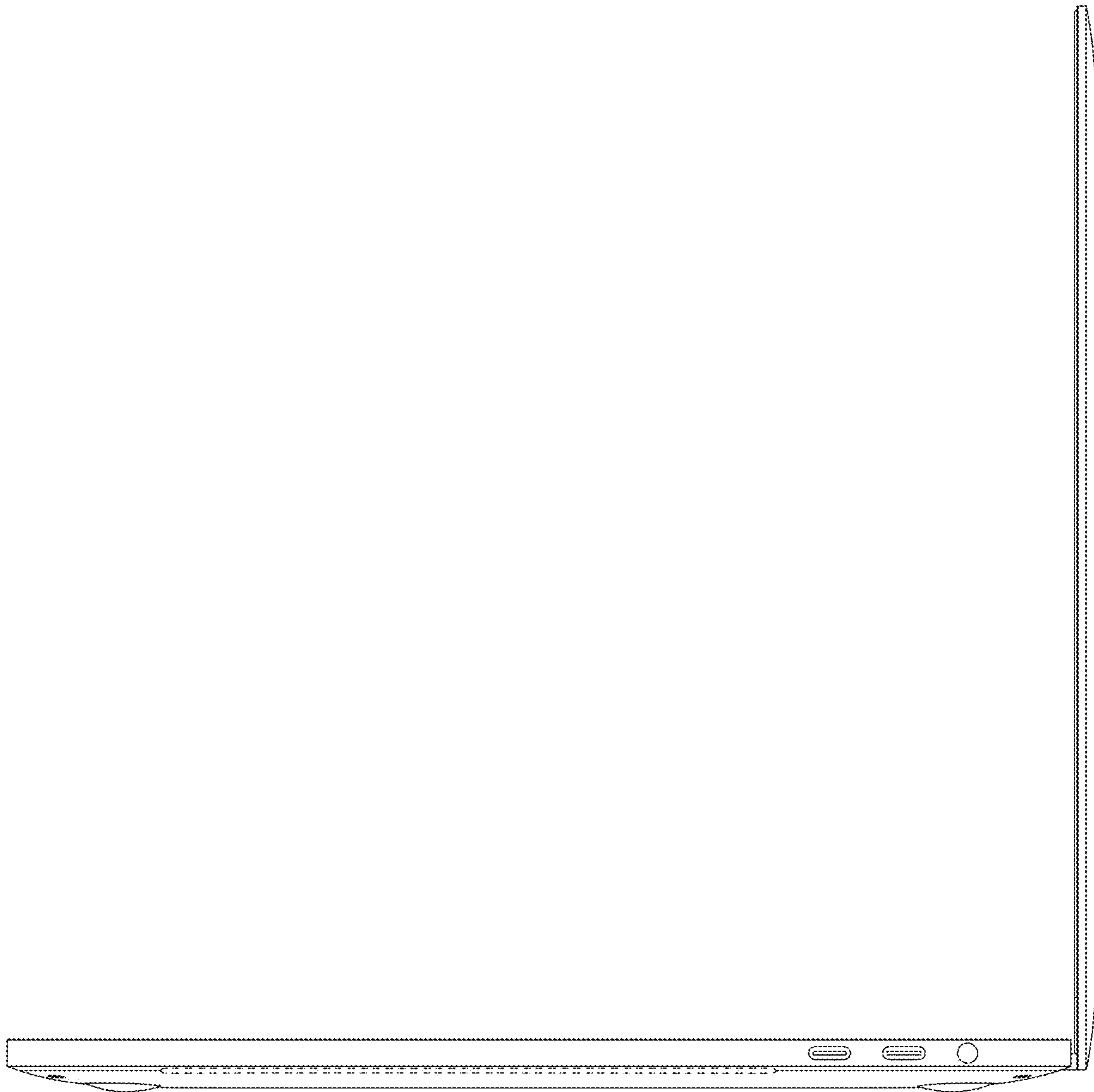


FIG. 14

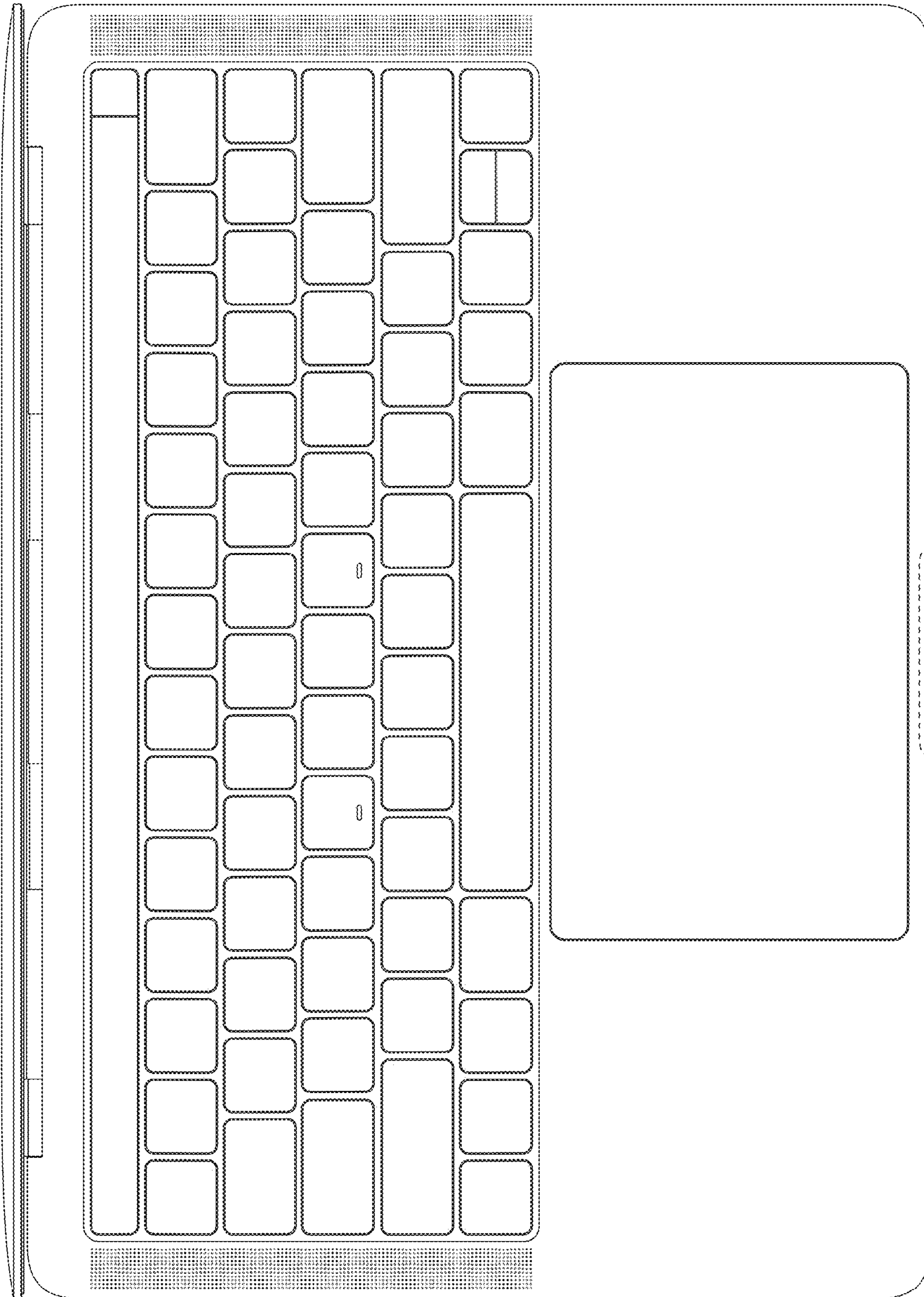


FIG. 15

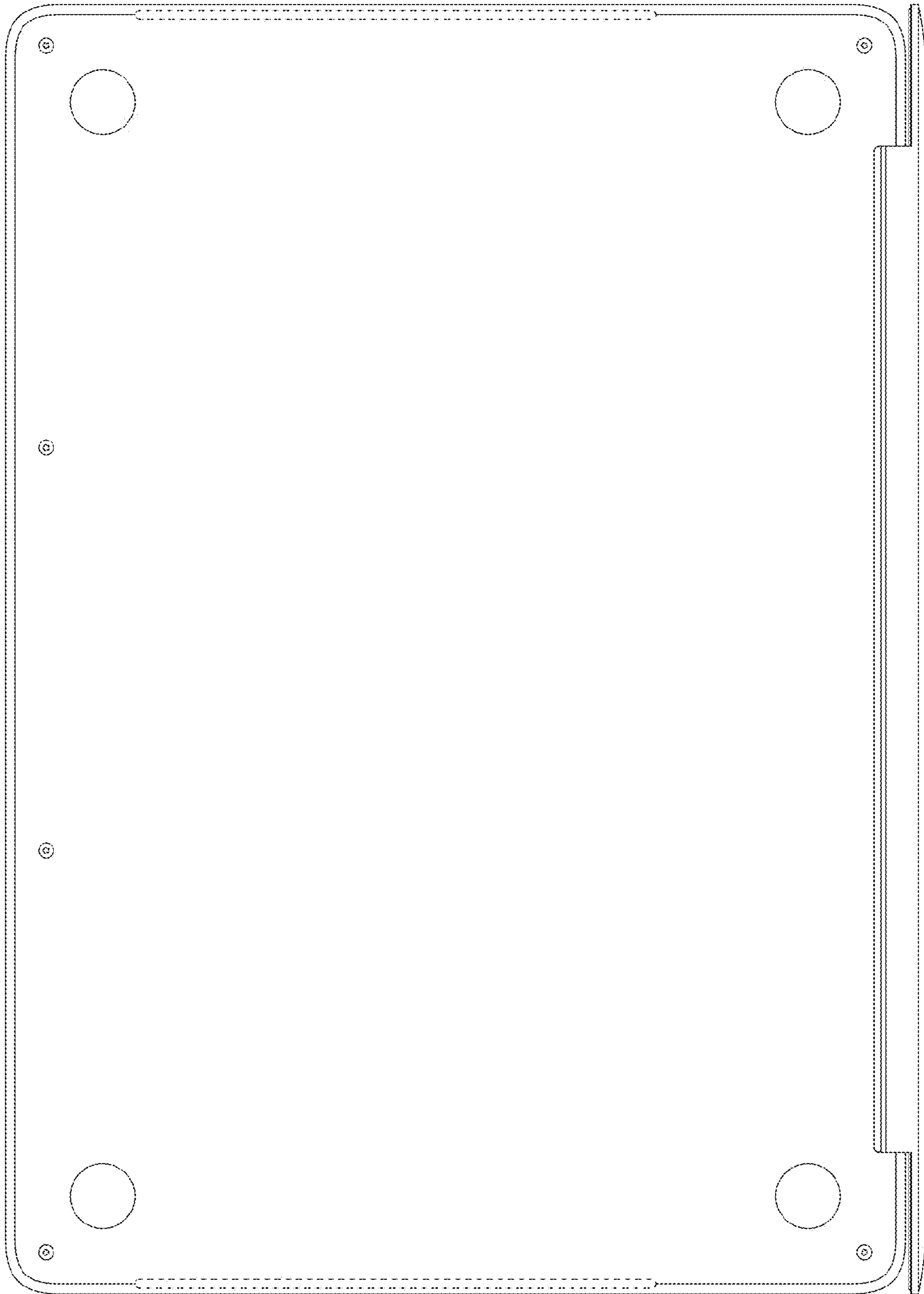


FIG. 16