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(54) **ELECTRONIC DEVICE**

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

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Related U.S. Application Data

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

(52) **U.S. Cl.**
USPC **D14/315**

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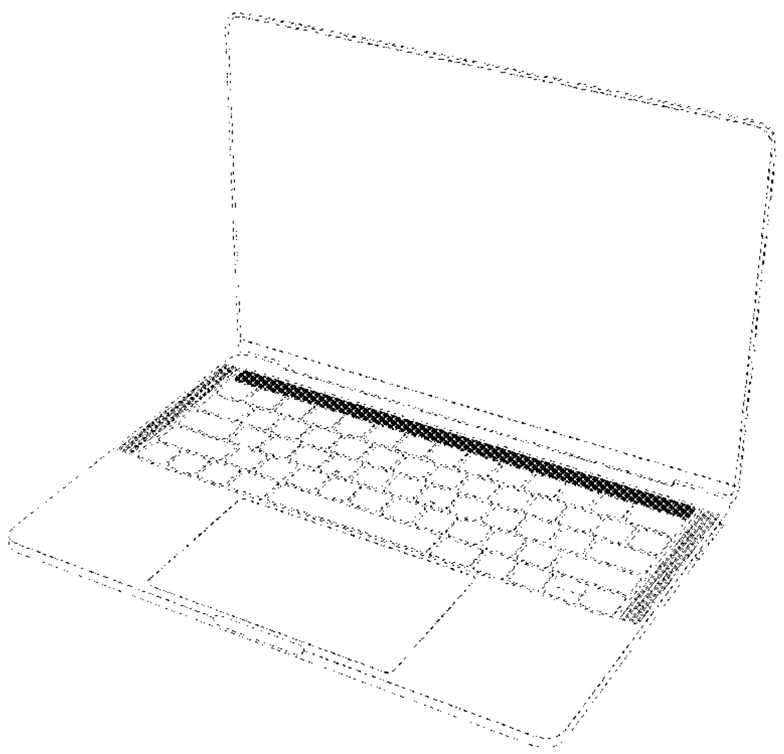
CPC G06F 1/1601; G06F 1/1616; G06F 1/1618; G06F 1/162; G06F 1/1681; H01R 35/02; H05K 5/00; H05K 5/02; H05K 5/0226; H04M 1/00; H04M 1/2479; H04M 1/72519; H04M 11/066; H04M 2201/38
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D264,969	S		6/1982	McGourty	
D270,639	S	*	9/1983	Goodin	D14/396
4,976,435	A		12/1990	Shatford et al.	
D334,020	S	*	3/1993	Takahata	D18/6
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	
5,479,192	A	*	12/1995	Carroll, Jr.	G06F 3/0213 345/157
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.	
D413,885	S	*	9/1999	Irimajiri	D14/144
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	
D431,821	S		10/2000	Mizuno	
D434,757	S	*	12/2000	Lee	D14/318
6,166,737	A		12/2000	Lee et al.	
D437,860	S		2/2001	Suzuki et al.	
D445,787	S		7/2001	Francis	
6,254,477	B1		7/2001	Sasaki et al.	
D448,810	S		10/2001	Goto	
D449,606	S		10/2001	Lee et al.	
D450,713	S		11/2001	Matsamitsu et al.	
D451,505	S		12/2001	Iseki et al.	
D452,250	S		12/2001	Chan	
D453,333	S		2/2002	Chen	
D458,252	S		6/2002	Palm et al.	
D463,797	S		10/2002	Andre et al.	
D469,109	S		1/2003	Andre et al.	
D472,245	S		3/2003	Andre et al.	
D481,036	S		10/2003	Wentt	
6,657,854	B2		12/2003	Horii et al.	
D486,823	S		2/2004	Kuo	
D487,457	S		3/2004	Liu	
D487,742	S		3/2004	Huang et al.	
D489,717	S		5/2004	Hsieh	
D490,420	S		5/2004	Solomon et al.	
D491,177	S		6/2004	Andre et al.	
D491,933	S		6/2004	Guo	
D491,936	S		6/2004	Jao	
6,744,623	B2		6/2004	Numano et al.	
D493,785	S		8/2004	Andre et al.	
D494,164	S		8/2004	Wu et al.	
6,771,494	B2		8/2004	Shimano	
D497,618	S		10/2004	Andre et al.	
D501,472	S		2/2005	Kumano	
D501,660	S		2/2005	Kumano	
6,876,546	B2		4/2005	Tsao	
D504,889	S		5/2005	Andre et al.	
6,932,525	B2		8/2005	Trotman	
D512,997	S		12/2005	Lee et al.	
6,972,946	B2		12/2005	Hamada et al.	
D513,509	S		1/2006	Kawa	
D517,063	S		3/2006	Nakajima et al.	
7,012,802	B2		3/2006	Nakajima et al.	
7,035,665	B2		4/2006	Kido et al.	
D523,429	S		6/2006	Lin	
D524,306	S		7/2006	Yun et al.	
D526,999	S		8/2006	Tago	
D527,730	S		9/2006	Dong	
D529,907	S		10/2006	Dong	
D533,550	S		12/2006	Yamada	
D541,289	S	*	4/2007	Ping	D14/455
D547,310	S		7/2007	Yoon	
D551,229	S	*	9/2007	DeMaio	D14/392
D556,192	S		11/2007	Jeong et al.	
D558,752	S		1/2008	Andre et al.	
D558,753	S		1/2008	Andre et al.	
D570,343	S	*	6/2008	Yamada	D14/318
D571,364	S		6/2008	Andre et al.	
D572,246	S		7/2008	Andre et al.	
D572,247	S		7/2008	Andre et al.	
D574,378	S		8/2008	Andre et al.	
7,426,113	B2		9/2008	Ikeno et al.	
D581,411	S		11/2008	Kumano	
D589,507	S		3/2009	Andre et al.	
D596,633	S		7/2009	Kawase et al.	
D598,451	S	*	8/2009	Andre	D14/392
D600,688	S		9/2009	Andre et al.	
D601,556	S		10/2009	Iseki	
D603,861	S		11/2009	Hong et al.	
D604,289	S		11/2009	Andre et al.	
D604,290	S		11/2009	Andre et al.	
D604,291	S		11/2009	Andre et al.	
D604,292	S		11/2009	Andre et al.	
D604,293	S		11/2009	Andre et al.	
D604,294	S		11/2009	Andre et al.	
D606,068	S		12/2009	Hong et al.	
D606,073	S	*	12/2009	O'Neil	D14/391
D606,534	S		12/2009	Hong et al.	
D606,988	S		12/2009	Andre et al.	
D606,989	S		12/2009	Andre et al.	
D607,450	S		1/2010	Morishita et al.	
7,660,104	B2		2/2010	Ligtenberg	
D611,043	S		3/2010	Andre et al.	
D611,044	S		3/2010	Andre et al.	
D611,045	S		3/2010	Andre et al.	
D611,469	S		3/2010	Andre et al.	
D612,843	S		3/2010	Andre et al.	
D613,284	S		4/2010	Solomon et al.	
D616,488	S		6/2010	Andre et al.	
D616,880	S		6/2010	Andre et al.	
D616,881	S		6/2010	Andre et al.	
D617,789	S		6/2010	Akana et al.	
7,733,636	B2		6/2010	Kobayashi et al.	
D621,409	S		8/2010	Andre et al.	
D621,825	S		8/2010	Andre et al.	
D622,268	S		8/2010	Hong et al.	
D623,645	S		9/2010	Andre et al.	
D625,716	S		10/2010	Andre et al.	
D625,717	S		10/2010	Andre et al.	
D628,999	S	*	12/2010	Hofer	D14/392
D633,087	S		2/2011	Andre et al.	
D633,488	S		3/2011	Kim et al.	
D633,907	S		3/2011	Andre et al.	
D635,566	S		4/2011	Andre et al.	
7,948,752	B2		5/2011	Tatsukami et al.	
D639,295	S		6/2011	Andre et al.	
D640,260	S	*	6/2011	Wood	D14/455
D642,168	S	*	7/2011	Weightman	D14/247
D642,172	S		7/2011	Akana et al.	
D642,560	S		8/2011	Akana et al.	
D648,333	S		11/2011	Andre et al.	
D648,334	S		11/2011	Andre et al.	
D652,032	S		1/2012	Akana et al.	
D654,072	S		2/2012	Andre et al.	
D655,704	S		3/2012	Akana et al.	
8,139,352	B2	*	3/2012	Yamamoto	G06F 1/1616 312/223.2
D657,786	S		4/2012	Andre et al.	
8,170,266	B2		5/2012	Hopkinson et al.	
D661,296	S		6/2012	Akana et al.	
D662,497	S		6/2012	Akana et al.	
D664,537	S		7/2012	Hu et al.	
8,223,487	B2		7/2012	Chen et al.	
8,238,090	B2		8/2012	Watanabe	
D669,070	S	*	10/2012	Hsu	D14/341
D671,120	S	*	11/2012	Kim	D14/392
8,339,775	B2		12/2012	Degner et al.	
D674,382	S		1/2013	Andre et al.	
D676,437	S		2/2013	Akana et al.	
D676,438	S		2/2013	Akana et al.	
D679,704	S	*	4/2013	McManigal	D14/318
D679,705	S	*	4/2013	McManigal	D14/318
D682,821	S	*	5/2013	Kim	D14/315
D684,983	S	*	6/2013	Wu	D14/455
D685,368	S	*	7/2013	Lam	D14/315
D685,784	S		7/2013	Ma	
D686,205	S		7/2013	Akana et al.	
D687,030	S	*	7/2013	Andre	D14/318
D687,031	S		7/2013	Chen et al.	
D691,128	S		10/2013	Akana et al.	
D691,129	S		10/2013	Akana et al.	
D694,748	S		12/2013	Okuley et al.	
D695,291	S	*	12/2013	Andre	D14/392
D696,244	S		12/2013	Akana et al.	
D696,569	S		12/2013	Chen et al.	
D696,660	S		12/2013	Chen et al.	
D696,661	S		12/2013	Chen et al.	
D696,667	S	*	12/2013	Helwig	D14/392
D703,660	S	*	4/2014	McManigal	D14/318
8,687,359	B2		4/2014	Thobald et al.	
8,734,036	B2		5/2014	Hirsch	
D706,759	S	*	6/2014	Myung	D14/315
D706,772	S		6/2014	Koyama et al.	
D708,176	S		7/2014	Akana et al.	
D708,179	S		7/2014	Andre et al.	
D710,841	S	*	8/2014	Akana	D14/318
D717,787	S		11/2014	Jung et al.	

D718,766	S		12/2014	Tsuda et al.	
D719,149	S		12/2014	Matsuoka	
8,947,874	B2		2/2015	Andre et al.	
D723,539	S		3/2015	Andre et al.	
D725,656	S	*	3/2015	Lee	D14/392
D729,227	S		5/2015	Fukuoka	
D731,998	S	*	6/2015	Holzer	D14/171
D732,524	S	*	6/2015	Mehandjiysky	D14/315
D734,334	S		7/2015	Tsuda et al.	
D740,823	S	*	10/2015	Lu	D14/392
D741,316	S		10/2015	Andre et al.	
D741,329	S	*	10/2015	Lu	D14/392
D750,606	S	*	3/2016	Lu	D14/247
D756,325	S	*	5/2016	Poandl	D14/171
D760,197	S	*	6/2016	Huebner	D14/218
D776,107	S		1/2017	Akana et al.	
D790,531	S	*	6/2017	Magi	D14/315
D803,825	S	*	11/2017	Akana	D14/315
D806,701	S	*	1/2018	Akana	D14/315
D816,661	S	*	5/2018	Akana	D14/315
D897,352	S	*	9/2020	Akana	D14/455
D898,028	S	*	10/2020	Kang	D14/391
2005/0008418	A1		1/2005	Green	
2005/0180794	A1		8/2005	Parkinson	
2005/0207817	A1		9/2005	Jenkins	
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.	
2010/0091442	A1		4/2010	Theobald et al.	
2010/0168526	A1	*	7/2010	Nishimura	A61B 5/14532 600/300
2011/0255727	A1		10/2011	Azuchi	
2012/0099263	A1		4/2012	Lin	
2013/0155594	A1	*	6/2013	Wang	G06F 1/1616 361/679.09
2017/0112003	A1	*	4/2017	Garcia	H05K 5/0004

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. D. 504,889.
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

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(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 front top perspective view of an electronic device showing our new design;
FIG. **2** is a rear bottom 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.
The broken lines illustrate structure or features which form no part of the claimed design.
The black surface shading illustrates the color black.

1 Claim, 8 Drawing Sheets

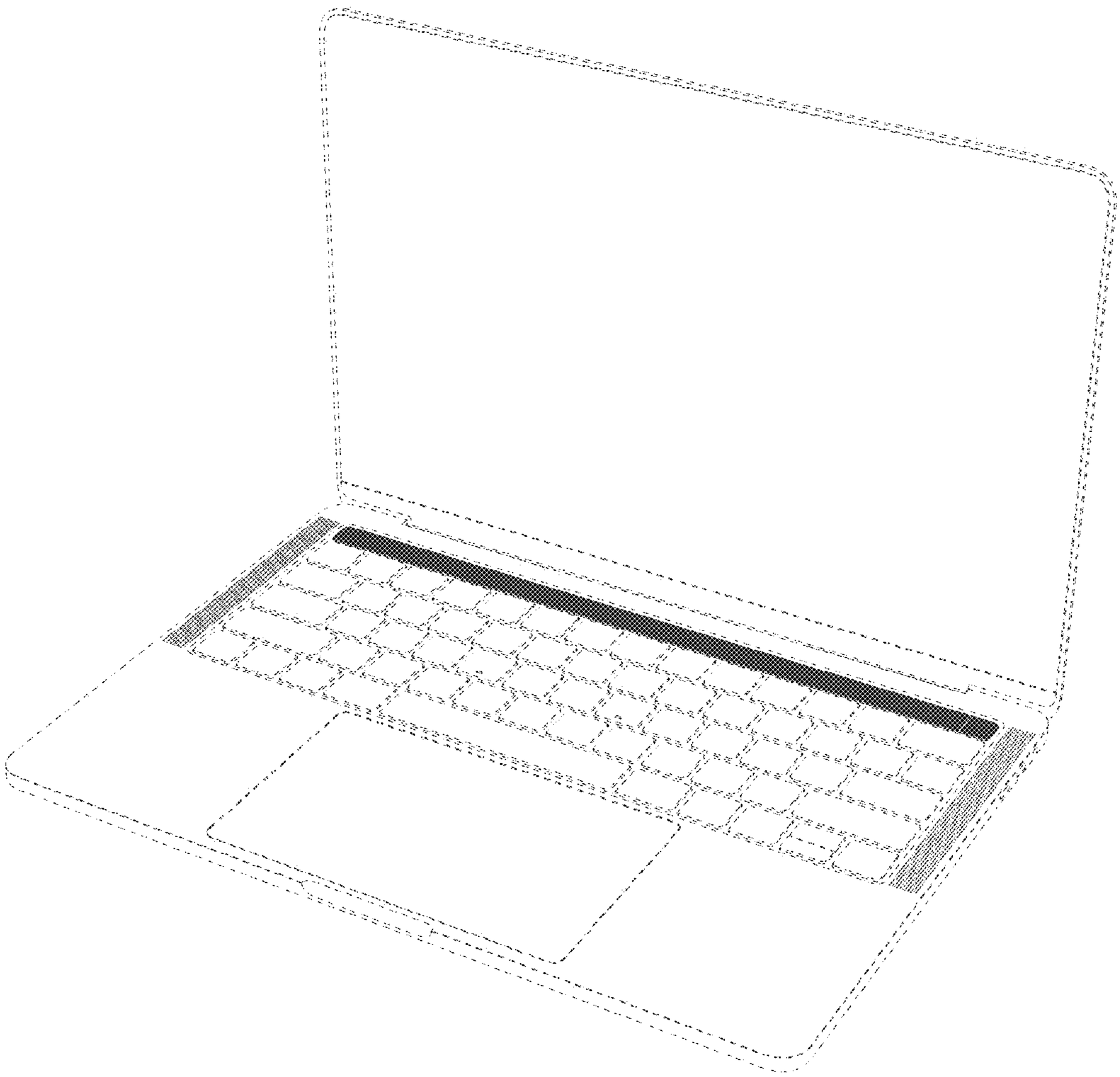

FIG. 1

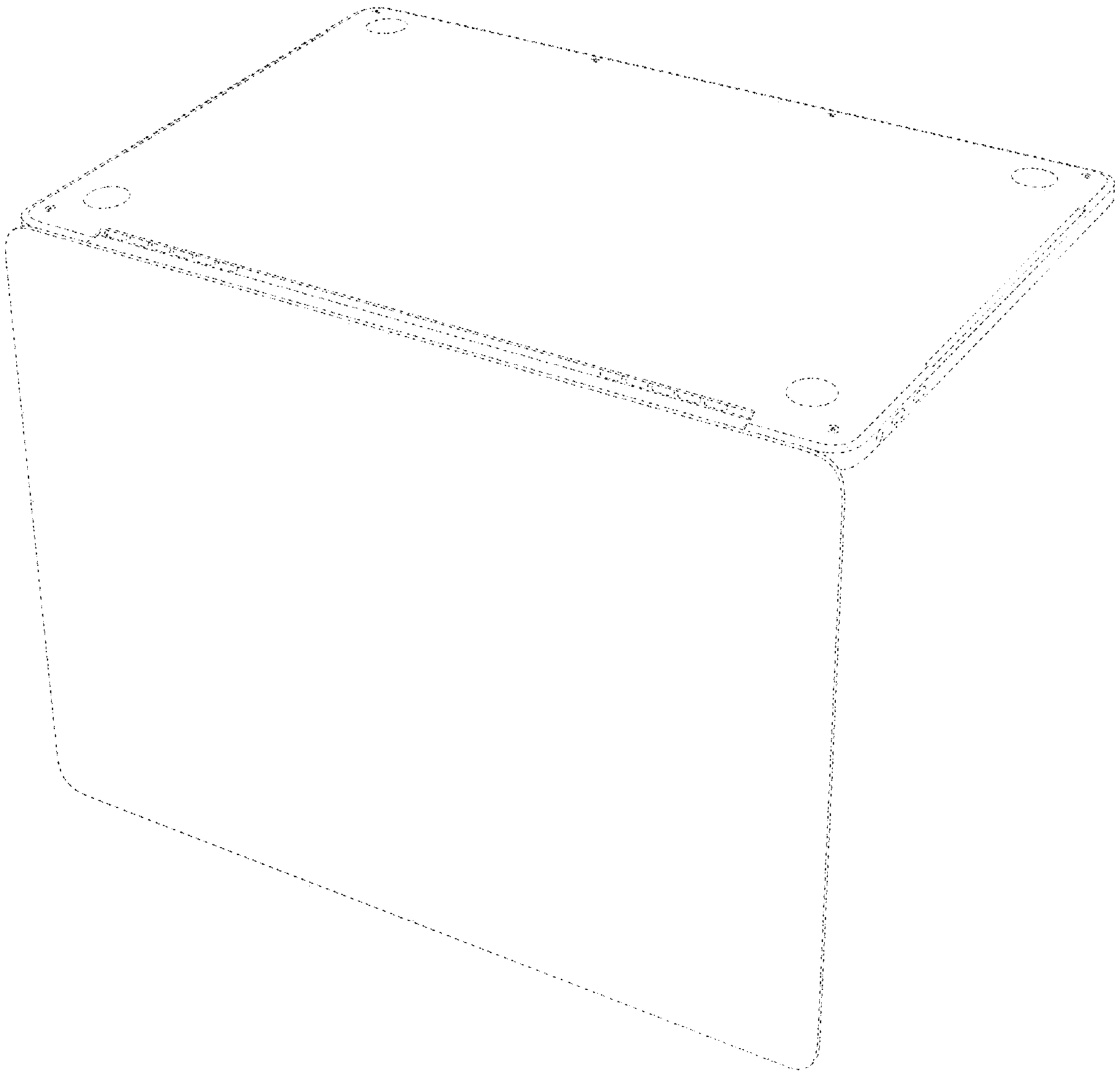

FIG. 2

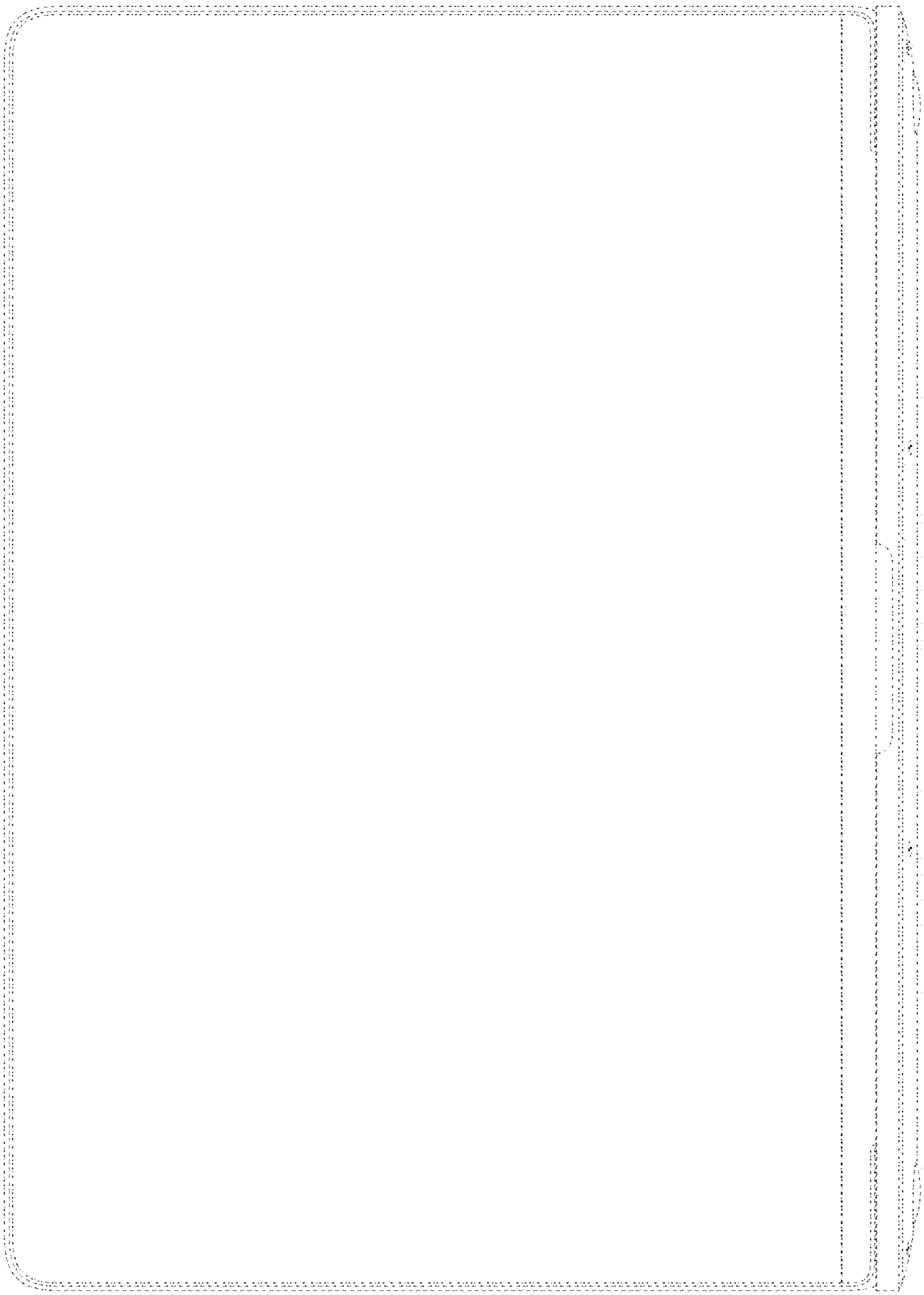

FIG. 3

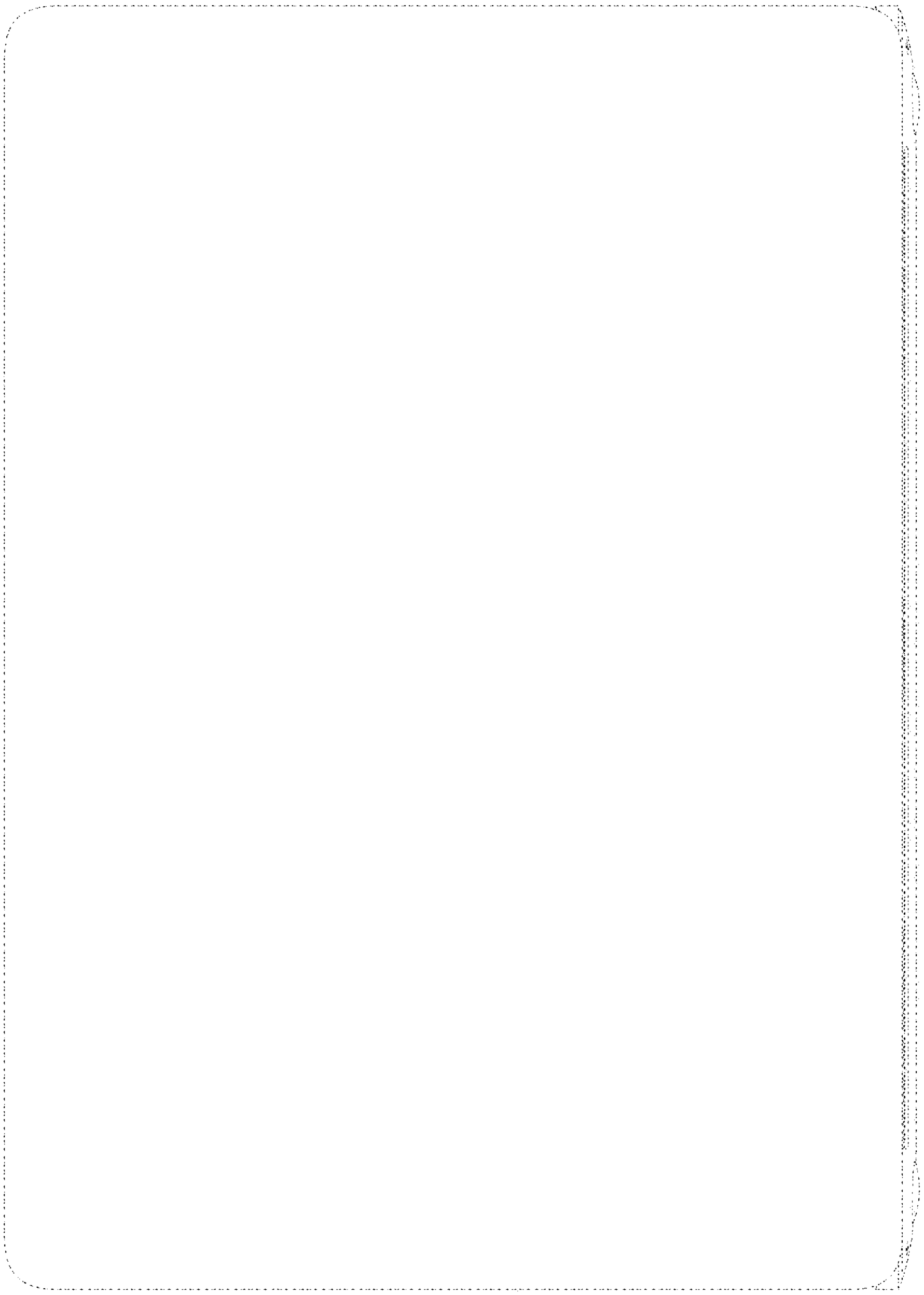

FIG. 4

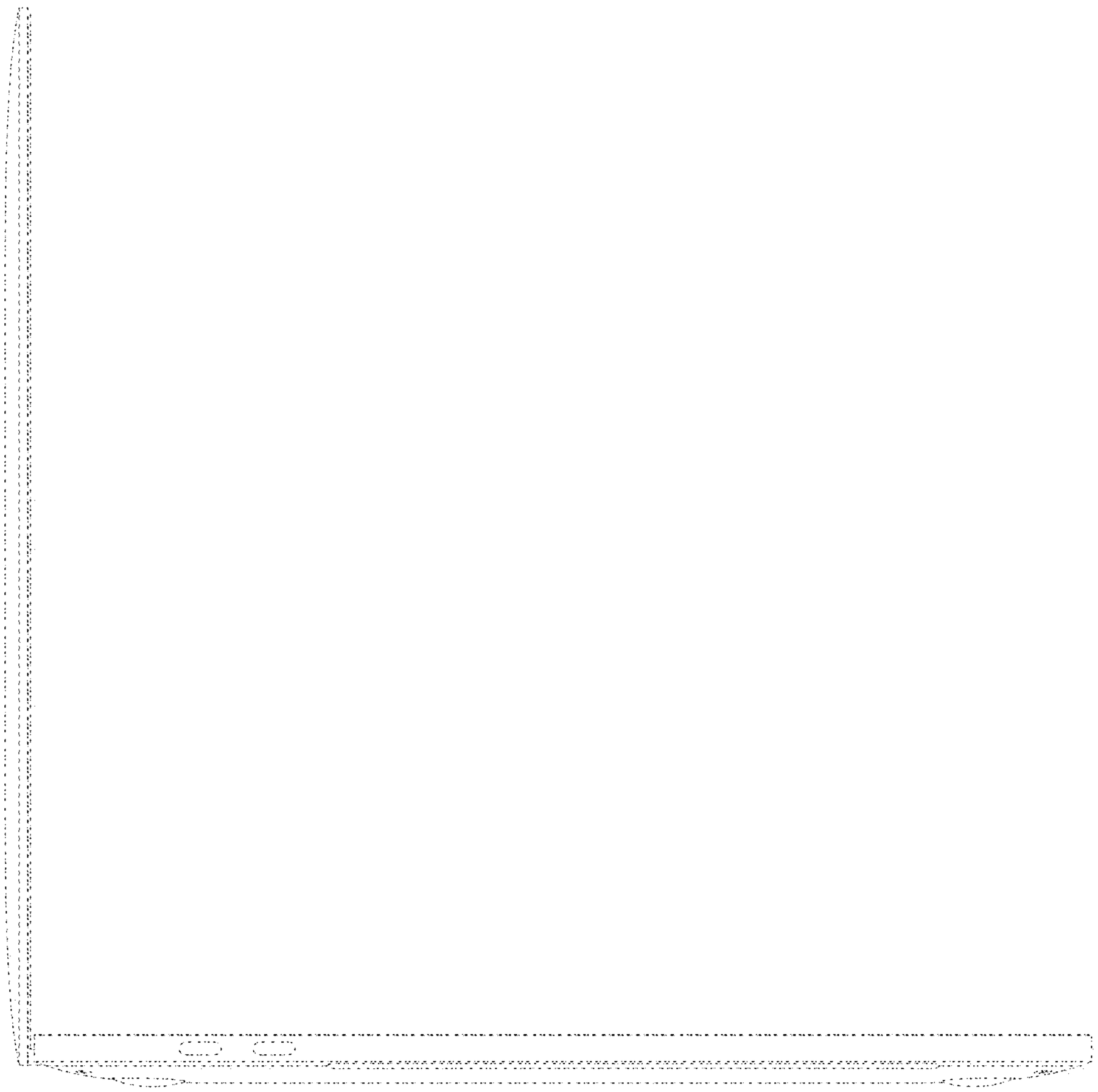

FIG. 5

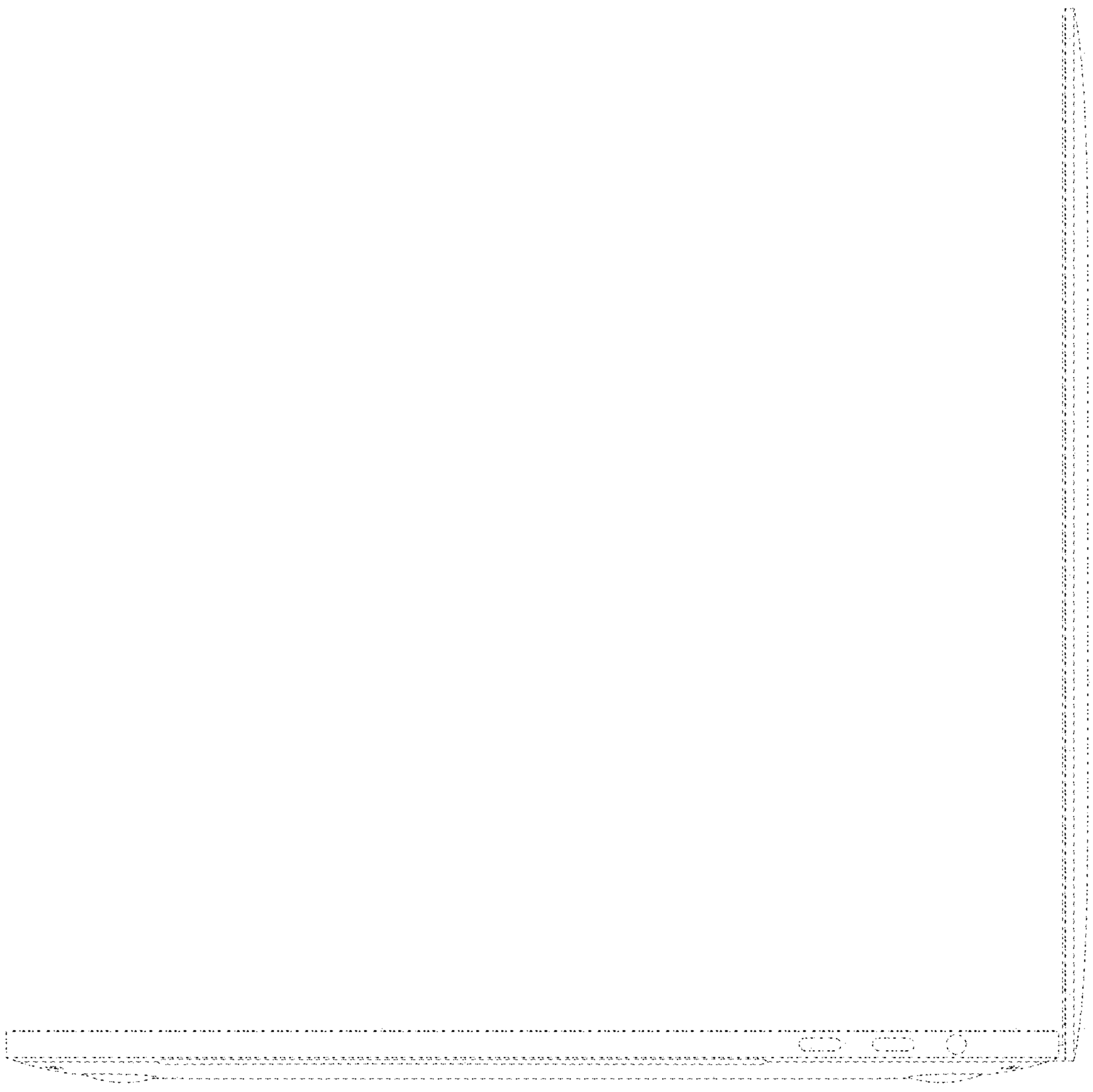

FIG. 6

FIG. 7

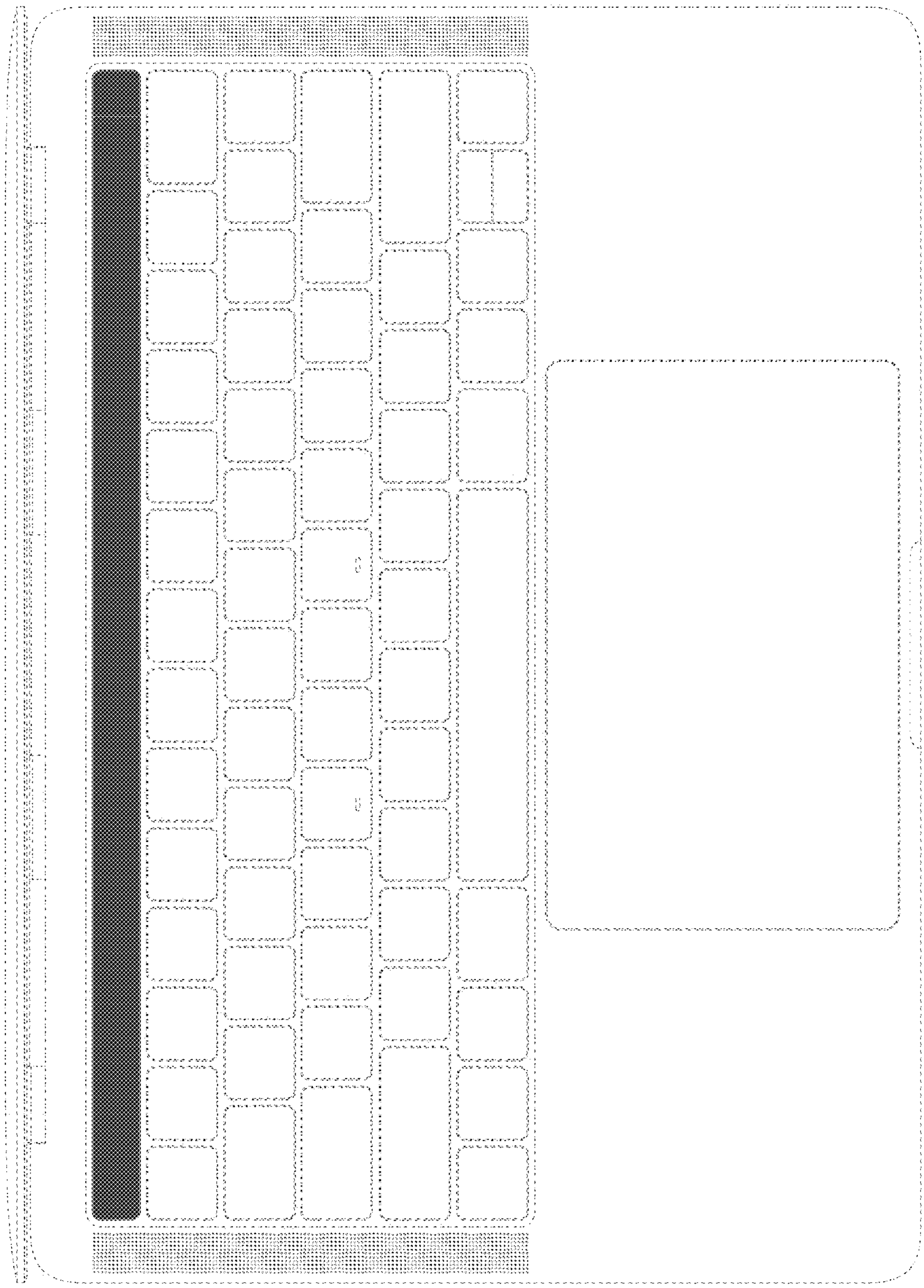

FIG. 8