



US00D911946S

(12) **United States Design Patent**
Turksu et al.

(10) **Patent No.:** **US D911,946 S**
(45) **Date of Patent:** **** Mar. 2, 2021**

(54) **WIRELESS CHARGER**

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(73) Assignee: **SARIANA, LLC**, San Diego, CA (US)

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

(21) Appl. No.: **29/700,022**

(22) Filed: **Jul. 30, 2019**

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

(52) **U.S. Cl.**
USPC **D13/108**

(58) **Field of Classification Search**

USPC D13/103, 107-110, 118, 119, 184;
D14/251, 253, 432, 434, 433
CPC Y02E 60/12; H02J 7/025; H02J 7/0042;
H02J 7/0044; H02J 7/0045; H02J 7/0003;
H02J 7/0034; H02J 7/0054; H02J 7/1423;
H02J 7/0027; H02J 7/0013; H02J
2001/008; H02J 3/32; H02J 3/008; H01F
38/14; H01R 13/6675; H01M 2/1022;
H01M 2/1055; H01M 10/44; H01M
10/46; H01M 10/425; B60L 11/182;
B60L 11/1809; B60L 11/1861; B60R
16/03; Y02T 10/7005; Y02T 10/705;
Y02T 10/7088

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,165,840 A	12/1915	Brutus
1,359,347 A	11/1920	Fleisher
1,475,605 A	11/1923	Smith
1,550,588 A	8/1925	Soldani
1,646,562 A	10/1927	Snow
1,671,862 A	5/1928	Heinz

D137,618 S 4/1944 Rolfes
D147,151 S 7/1947 Schinske
2,436,292 A 2/1948 De Mott
(Continued)

OTHER PUBLICATIONS

Amazon.com: Satechi USB-C Wireless Charging Dock. Date First Available of Apr. 9, 2020. Retrieved from the internet at <https://www.amazon.com/Satechi-USB-C-Wireless-Charging-Dock/dp/B086XKQMY4/>, Aug. 15, 2020. 1 page. (Year: 2020).*

(Continued)

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(57) **CLAIM**

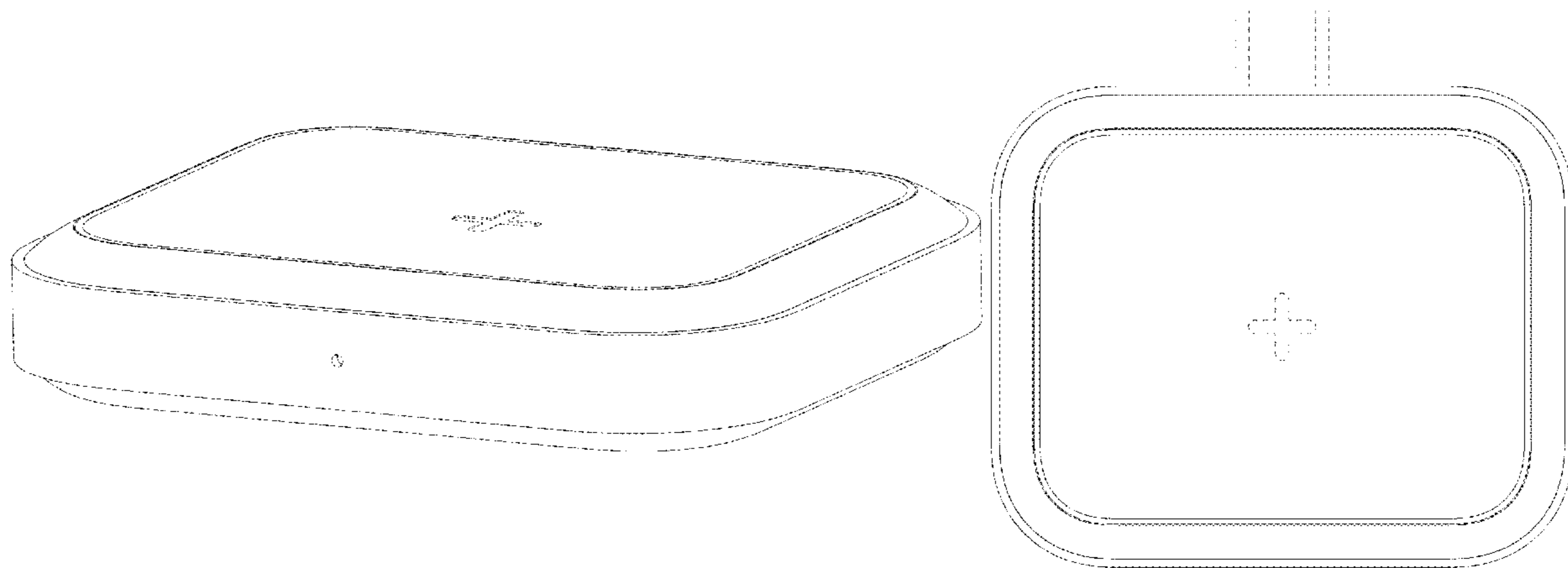
The ornamental design for a wireless charger, as shown and described.

DESCRIPTION

FIG. 1 is a front, top, and left side perspective view of a wireless charger showing our new design;
FIG. 2 is a top plan view thereof;
FIG. 3 is a bottom plan view thereof;
FIG. 4 is a right side elevational view thereof;
FIG. 5 is a left side elevational view thereof;
FIG. 6 is a front elevational view thereof;
FIG. 7 is a rear elevational view thereof;
FIG. 8 is a front, top, and left perspective view of the wireless charger shown in a first environment of use, when coupled to a tablet computer that forms no part of the claimed design; and,
FIG. 9 is a front, top, and left perspective view of the wireless charger shown in a second environment of use, when coupled to a laptop computer that forms no part of the claimed design.

The broken lines in the drawings are for the purpose of illustrating portions of the wireless charger and environment that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D687,009 S	6/2013	Song et al.	
D685,806 S	7/2013	Kim et al.	
D686,201 S	7/2013	Lee	
D688,198 S	8/2013	Takeshita et al.	
D688,248 S	8/2013	Tsuda et al.	
D688,255 S	8/2013	Daniel	
8,512,079 B2	8/2013	Vroom et al.	
D689,858 S	9/2013	Lo et al.	
D690,707 S	10/2013	Minn et al.	
D691,879 S	10/2013	Bernard	
D691,947 S	10/2013	Cole et al.	
D692,024 S	10/2013	Seong et al.	
D693,768 S	11/2013	Alesi et al.	
D694,182 S	11/2013	Lee et al.	
D696,673 S	12/2013	Vogel	
D698,789 S	2/2014	Daniel	
D699,241 S	2/2014	Moors et al.	
D700,904 S	3/2014	Miller et al.	
D701,838 S	4/2014	Esses	
D702,146 S	4/2014	Giovanni	
D702,242 S	4/2014	Tsuda et al.	
D703,676 S	4/2014	Smith et al.	
D704,177 S	5/2014	Chun et al.	
D705,189 S	5/2014	Chovin et al.	
D705,748 S *	5/2014	He	D14/155
D706,248 S	6/2014	Myung et al.	
D706,249 S	6/2014	Holzer	
D707,667 S *	6/2014	Kono	D14/240
8,758,032 B2	6/2014	Liang et al.	
D709,066 S	7/2014	Byun	
D709,892 S	7/2014	Lui	
8,777,656 B2	7/2014	Kuo et al.	
D711,884 S	8/2014	Turksu et al.	
8,838,029 B2	9/2014	Goldman et al.	
D714,729 S	10/2014	Akana et al.	
D715,132 S	10/2014	McSweyn et al.	
D715,219 S	10/2014	Cepress et al.	
D715,797 S	10/2014	Hiraga	
D716,300 S	10/2014	Cruz et al.	
D717,803 S	11/2014	Takano et al.	
D718,234 S	11/2014	Rautiainen	
D718,236 S	11/2014	Murray	
D718,271 S	11/2014	McTague et al.	
D718,612 S	12/2014	McSweyn et al.	
D720,347 S	12/2014	Lo	
D720,691 S	1/2015	Lo et al.	
D720,755 S	1/2015	Nokuo	
D724,060 S	3/2015	Ahn et al.	
D724,080 S	3/2015	Lin et al.	
D725,088 S	3/2015	Kwak et al.	
D726,161 S	4/2015	Howard et al.	
D727,259 S	4/2015	Hwang	
D727,906 S	4/2015	Neumann	
D728,467 S	5/2015	Hasbrook	
D729,277 S	5/2015	Uchida	
D729,773 S	5/2015	Salojarvi et al.	
D733,043 S	6/2015	Hasbrook et al.	
D733,144 S	6/2015	Kostrzewski et al.	
D733,773 S	7/2015	Lee et al.	
D736,150 S	8/2015	Liu	
D737,201 S	8/2015	Liu	
D738,303 S	9/2015	Symons	
D738,823 S	9/2015	Chen	
D738,945 S	9/2015	Culbertson et al.	
D739,708 S	9/2015	McSweyn et al.	
D740,291 S	10/2015	Turksu et al.	
D741,256 S	10/2015	Murphy-Reinhertz et al.	
D743,382 S	11/2015	Katori et al.	
D743,924 S	11/2015	Hillenmayer et al.	
D743,954 S	11/2015	Chuang et al.	
D745,010 S *	12/2015	Kim	D14/433
D746,165 S	12/2015	Li	
D746,166 S	12/2015	Li	
D746,780 S	1/2016	Akana et al.	
D747,229 S	1/2016	Perez	
D747,267 S	1/2016	Aumiller et al.	
D747,984 S	1/2016	Zhao et al.	
D748,463 S	2/2016	Turksu	
D750,083 S	2/2016	Chow	
D750,612 S	3/2016	Chen	
D750,633 S	3/2016	Minn et al.	
D751,527 S	3/2016	Hinokio et al.	
D751,564 S	3/2016	Hahn et al.	
D751,985 S *	3/2016	Curry	D13/103
D753,090 S	4/2016	Langhammer et al.	
D754,131 S	4/2016	Shim	
D756,367 S	5/2016	Kim	
D756,915 S *	5/2016	Yang	D13/108
D756,916 S *	5/2016	Yang	D13/108
D756,990 S	5/2016	Akana et al.	
D762,170 S	7/2016	Lei	
D763,790 S	8/2016	Lei	
D765,623 S	9/2016	Yang et al.	
D765,651 S	9/2016	Liu et al.	
D766,844 S	9/2016	Turksu et al.	
D767,486 S	9/2016	Yu	
9,441,659 B2	9/2016	Ortwein	
D769,860 S	10/2016	Xiao	
D769,877 S	10/2016	Akana et al.	
D772,216 S	11/2016	Lau	
D772,878 S	11/2016	Chiang	
D772,879 S	11/2016	Eliyahu	
D774,514 S	12/2016	Turksu et al.	
D774,934 S	12/2016	Akana et al.	
D775,534 S	1/2017	Turksu et al.	
D776,659 S	1/2017	Hou	
D778,714 S	2/2017	McSweyn et al.	
D779,478 S	2/2017	Justiss et al.	
D779,493 S	2/2017	Eliyahu	
D780,116 S	2/2017	Bing	
D780,168 S	2/2017	Du	
D780,186 S	2/2017	Lee	
D781,297 S	3/2017	Liao	
D782,462 S	3/2017	Huang	
D782,476 S	3/2017	Yamazaki	
D782,485 S	3/2017	Cai	
D782,901 S	4/2017	Richter	
D782,973 S	4/2017	Zhou	
D783,592 S	4/2017	Ju	
D783,619 S *	4/2017	Couture	D14/433
D786,791 S	5/2017	Jeong et al.	
D786,874 S	5/2017	Eliyahu	
D786,885 S	5/2017	Eliyahu	
D788,034 S	5/2017	Gschwandtl et al.	
D788,080 S	5/2017	Turksu et al.	
D788,112 S	5/2017	Liao	
D789,348 S	6/2017	Kim	
D790,458 S *	6/2017	He	D13/108
D790,464 S *	6/2017	He	D13/110
9,690,743 B2	6/2017	Eliyahu	
D791,070 S	7/2017	Son et al.	
D791,076 S *	7/2017	Kim	D13/108
D791,138 S	7/2017	Eliyahu	
D792,220 S	7/2017	Simons et al.	
D793,397 S	8/2017	Eliyahu	
D794,028 S	8/2017	Lin	
D795,876 S	8/2017	Fletcher et al.	
D796,433 S	9/2017	Langhammer et al.	
D796,514 S	9/2017	Xu	
D797,099 S	9/2017	Wieser et al.	
D797,747 S	9/2017	Xu	
D797,751 S	9/2017	Houston et al.	
D798,301 S	9/2017	Kujawski et al.	
D798,811 S	10/2017	Liao	
D799,423 S	10/2017	Eliyahu	
D799,463 S	10/2017	Deng	
D799,464 S	10/2017	Zaihui	
D800,730 S	10/2017	Lin	
D802,404 S	11/2017	Turksu et al.	
D803,779 S	11/2017	Jung et al.	
D804,306 S	12/2017	Simons et al.	
D804,978 S	12/2017	Chao et al.	
D806,657 S	1/2018	Russo et al.	
D807,290 S	1/2018	Liao	

(56)

References Cited

U.S. PATENT DOCUMENTS

D809,793 S 2/2018 Hahn et al.
 D812,560 S * 3/2018 Xu D13/107
 D812,577 S 3/2018 Turksu et al.
 D813,803 S * 3/2018 Massar D13/108
 D813,805 S 3/2018 Krantz et al.
 D813,875 S 3/2018 Liao
 D814,413 S 4/2018 Zhong
 D815,036 S 4/2018 Martorell
 D815,639 S 4/2018 Lau
 D816,026 S 4/2018 Georgiades
 D816,027 S 4/2018 Chen
 D816,030 S 4/2018 Sumida
 D816,606 S 5/2018 Georgiades
 D817,199 S 5/2018 Farley et al.
 D820,208 S * 6/2018 Lemelson D13/110
 D820,209 S * 6/2018 Lemelson D13/110
 D820,264 S 6/2018 Lai et al.
 D824,328 S 7/2018 Liu
 D826,942 S 8/2018 Lu
 10,045,568 B2 8/2018 Monsees et al.
 10,058,130 B2 8/2018 Monsees et al.
 D827,568 S 9/2018 Turksu et al.
 D828,354 S 9/2018 Chuang et al.
 D828,356 S 9/2018 Xie
 D828,839 S 9/2018 Zhang
 D828,840 S 9/2018 Zhang
 D828,841 S 9/2018 Zhang
 D829,215 S 9/2018 Magargee et al.
 D829,216 S 9/2018 Belitz et al.
 D829,719 S 10/2018 Shim
 D829,725 S 10/2018 Luo
 D830,297 S * 10/2018 Huang D13/107
 D830,366 S 10/2018 Turksu et al.
 D831,875 S 10/2018 Liao
 D832,260 S 10/2018 Hutton et al.
 D836,640 S 12/2018 Hou
 D839,869 S 2/2019 Wang
 D839,876 S 2/2019 Turksu et al.
 D844,006 S 3/2019 Molnar
 D844,618 S 4/2019 Liao
 D845,897 S * 4/2019 Kim D13/108
 D845,931 S 4/2019 Kosuge et al.
 D847,139 S 4/2019 Wang
 D847,811 S 5/2019 Shim
 D849,678 S 5/2019 Kojima et al.
 D850,371 S 6/2019 Yun
 D850,372 S 6/2019 Kong et al.
 D852,176 S 6/2019 Moon
 D852,738 S * 7/2019 Backett D13/108
 D853,396 S 7/2019 Kong et al.
 D854,019 S 7/2019 Liao
 D854,509 S 7/2019 Wu
 D854,544 S 7/2019 Liao
 D855,054 S 7/2019 Turksu et al.
 D855,616 S 8/2019 Chin
 D859,415 S * 9/2019 Liao D14/434
 10,405,582 B2 9/2019 Hatton et al.
 D862,385 S 10/2019 Turksu et al.
 D862,473 S 10/2019 Liu et al.
 D862,474 S 10/2019 Liu
 D863,310 S 10/2019 Liao
 D864,205 S 10/2019 Wang
 D864,206 S 10/2019 Wang
 D864,208 S 10/2019 Duan
 D864,209 S 10/2019 Wang
 D864,861 S * 10/2019 Roberts D13/108
 D864,964 S 10/2019 Lyu
 D864,965 S 10/2019 Sang
 D864,966 S 10/2019 Sang
 D864,967 S 10/2019 Liu
 D865,664 S 11/2019 Liao
 D865,666 S * 11/2019 Roberts D13/108
 D865,667 S * 11/2019 Roberts D13/108
 D865,676 S 11/2019 Liao
 D865,768 S 11/2019 Du et al.

D866,557 S 11/2019 Xiong
 D868,036 S 11/2019 Sohn et al.
 D868,742 S 12/2019 Cao
 D868,784 S 12/2019 Turksu et al.
 D869,426 S 12/2019 Sandlund
 D869,467 S 12/2019 Lin
 D871,328 S * 12/2019 Yang D13/108
 D871,332 S 12/2019 Liao
 D872,016 S 1/2020 Liao
 D872,078 S 1/2020 Wu
 D875,041 S * 2/2020 Chen D13/108
 D876,356 S * 2/2020 Tanaka D13/123
 D876,441 S * 2/2020 Boehmer D14/433
 D877,068 S * 3/2020 Wang D13/108
 D878,375 S * 3/2020 Turksu D14/433
 D879,102 S * 3/2020 Turksu D14/433
 D879,716 S * 3/2020 Chuang D13/110
 D881,121 S * 4/2020 Roberts D13/108
 D882,577 S * 4/2020 Liao D14/433
 D883,923 S * 5/2020 Keferstein D13/108
 D883,925 S * 5/2020 Yoon D13/108
 D885,341 S * 5/2020 Xu D13/110
 D885,395 S * 5/2020 Duan D14/433
 D887,974 S * 6/2020 Chen D13/108
 2002/0003875 A1 1/2002 Stewart et al.
 2003/0148656 A1 8/2003 Huang
 2005/0245254 A1 11/2005 Hall
 2006/0085584 A1 4/2006 Chen et al.
 2010/0315041 A1 12/2010 Tan
 2012/0255505 A1 10/2012 Gauthier
 2013/0072042 A1 3/2013 Liao
 2013/0130524 A1 5/2013 Wang
 2013/0224976 A1 8/2013 Yu et al.
 2013/0272775 A1 10/2013 Ortwein
 2013/0292481 A1 11/2013 Filson et al.
 2014/0138419 A1 5/2014 Minn et al.
 2015/0171386 A1 6/2015 Yang et al.
 2017/0035172 A1 2/2017 Kim
 2017/0170858 A1 6/2017 Tiller et al.
 2017/0223862 A1 8/2017 Justiss et al.
 2018/0034295 A1 * 2/2018 Massar H04M 1/0274
 2018/0165053 A1 6/2018 Kuo et al.
 2018/0165054 A1 6/2018 Kang et al.
 2018/0314664 A1 11/2018 Liao
 2019/0196545 A1 6/2019 Liao
 2020/0014161 A1 1/2020 Liao
 2020/0059114 A1 * 2/2020 Langlois H02J 7/025

OTHER PUBLICATIONS

Satechi Type-c USB 3.0: 3 in 1 Combo Hub for MacBook, Buy Valuable Stuff online, post date Oct. 15, 2017, URL: <https://buyvaluablestuff.com/satechi-type-c-usb-3-0-3-in-1-combo-hub/>, retrieved Dec. 16, 2019.
 Satechi Type-c USB 3.0: 3 in 1 Combo Hub, online, no post date. URL: <https://satechi.net/collections/all/products/satechi-type-c-usb-3-0-3-in-1-combo-hub>, retrieved Dec. 16, 2019.
 Aceluxe Arm R1 Hinge Holder Stand For Table Device and Any Smartphone, amazon online, no post date, [URL: <https://uedata.amazon.com/Aceluxe-Holder-Tablet-Device-Smartphone/dp/B014I15SYU>] [Retrieved from internet on Feb. 12, 2019].
 PECHAM Multi-Angle Stand for Cell Phone, amazon online, first review with picture posted Jun. 28, 2017 [URL: <https://www.amazon.com/PECHAM-Multi-Angle-Nintendo-Smartphones-Universal/dp/B072JCY5XY>] [Retrieved from Internet on Feb. 12, 2019].
 Sariana, LLC, US Registration No. 5,134,820, Jan. 31, 2017.
 Satechi Aluminum Multi-Port Adapter V2-4K HDMI, Satechi, first listed on amazon.com on Sep. 7, 2017, retrieved on Dec. 3, 2018, [retrieved from the Internet] URL: https://www.amazon.com/Satechi-Aluminum-Multi-Port-Ethernet-Pass-Through/dp/B075FW7H5J/ref=sr_1_3?ie=UTF8&qid=1543853703&sr=8-3&keywords=satechi+adapter.
 Satechi Aluminum Tuype-C Pro Hub Adapter with Ethernet, YouTube online, post date May 11, 2018, URL: <https://www.youtube.com/watch?v=Wl6aTgweWtQ>, retrieved Dec. 5, 2019.

(56)

References Cited

OTHER PUBLICATIONS

Satechi R1 Arm Series Review, YouTube online, post date Mar. 27, 2012, [URL: <https://www.youtube.com/watch?v=edjrferhELk>].

Turksu et al. "Certificate of Registration for European Community Design Registration No. 003618826-0001," Registration Date: Jan. 11, 2017. EUIPO.

Turksu et al. "Certificate of Registration for European Community Design Registration No. 003618834-0001," Registration Date: Jan. 11, 2017. EUIPO.

UGREEN USB C Hub VGA Type C Multiport Adapter, UGREEN, first available on amazon.com on Apr. 7, 2018, retrieved on Dec. 3, 2018, [retrieve from the Internet], URL: https://www.amazon.com/UGREEN-Multiport-Delivery-Charging-Chromebook/dp/B076WX1VKZ/ref=sr_1_1_sspa?ie=UTF8&qid=1543851422&sr=8-1spons&keywords=ugreen+adapte.

Wong, Thomas. "Quick Look: Satechi Premium 4 Port Aluminum," [retrieved from Internet] <http://iSource.com/2012/07/04/quick-look-satechi-premium-4-port-aluminum-usb-hub/>, Jul. 4, 2012 [retrieved from Internet on Nov. 1, 2017] 13 pgs.

Satechi Aluminum Type-C Mobile Pro Hub, online, no post date, URL: <https://satechi.net/products/aluminum-type-c-mobile-pro-hub>, retrieved Dec. 16, 2019.

Satechi Type-C Mobile Pro Hub review, The gadgeteer online, post date Jan. 1, 2019, URL: <https://the-gadgeteer.com/2019/01/01/satechi-type-c-mobile-pro-hub-review/>, retrieved Dec. 16, 2019.

AM, Quality Materials, [Published Sep. 22, 2016] amazon.com, [Online][accessed Jan. 28, 2019] <URL: https://www.amazon.com/Satechi-Qi-Certified-Aluminum-Wireless-Charger/product-reviews/B0114365RQ/ref=cm_cr_getr_d_paging_btm_9?ie=UTF8&reviewerType=all_reviews&sortBy=recent&pageNumber=9> (Year: 2016).

Satechi Type-C Aluminum Stand and Hub (online). 17 pages, Listed Oct. 7, 2019 [retrieved Jan. 29, 2020] <https://www.amazon.com/Satechi-Type-C-Aluminum-Stand-Hub/dp/B07YSWZNNW>.

Shenzhi Tech Mini USB C Hub, online, no post date, URL: <https://www.dhgate.com/product/mini-usb-c-hub-sd-tf-card-reader-aluminum/502981050.html#seo=WAP>, retrieved Dec. 16, 2019.

* cited by examiner

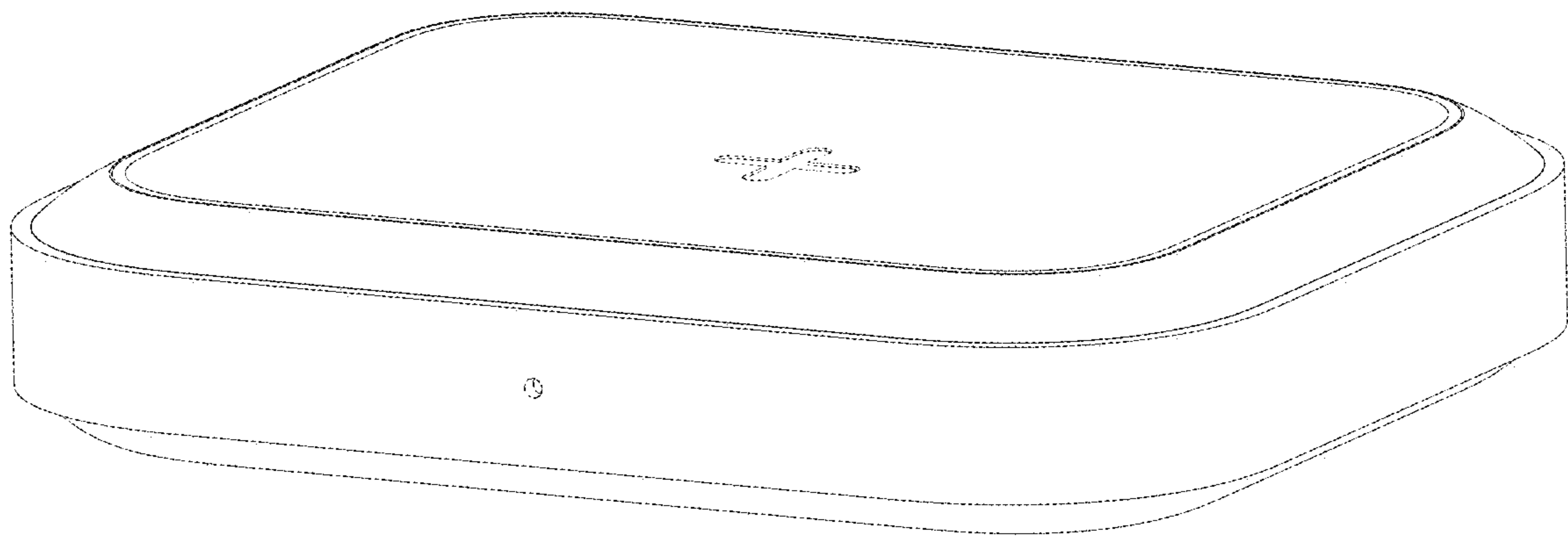


FIG. 1

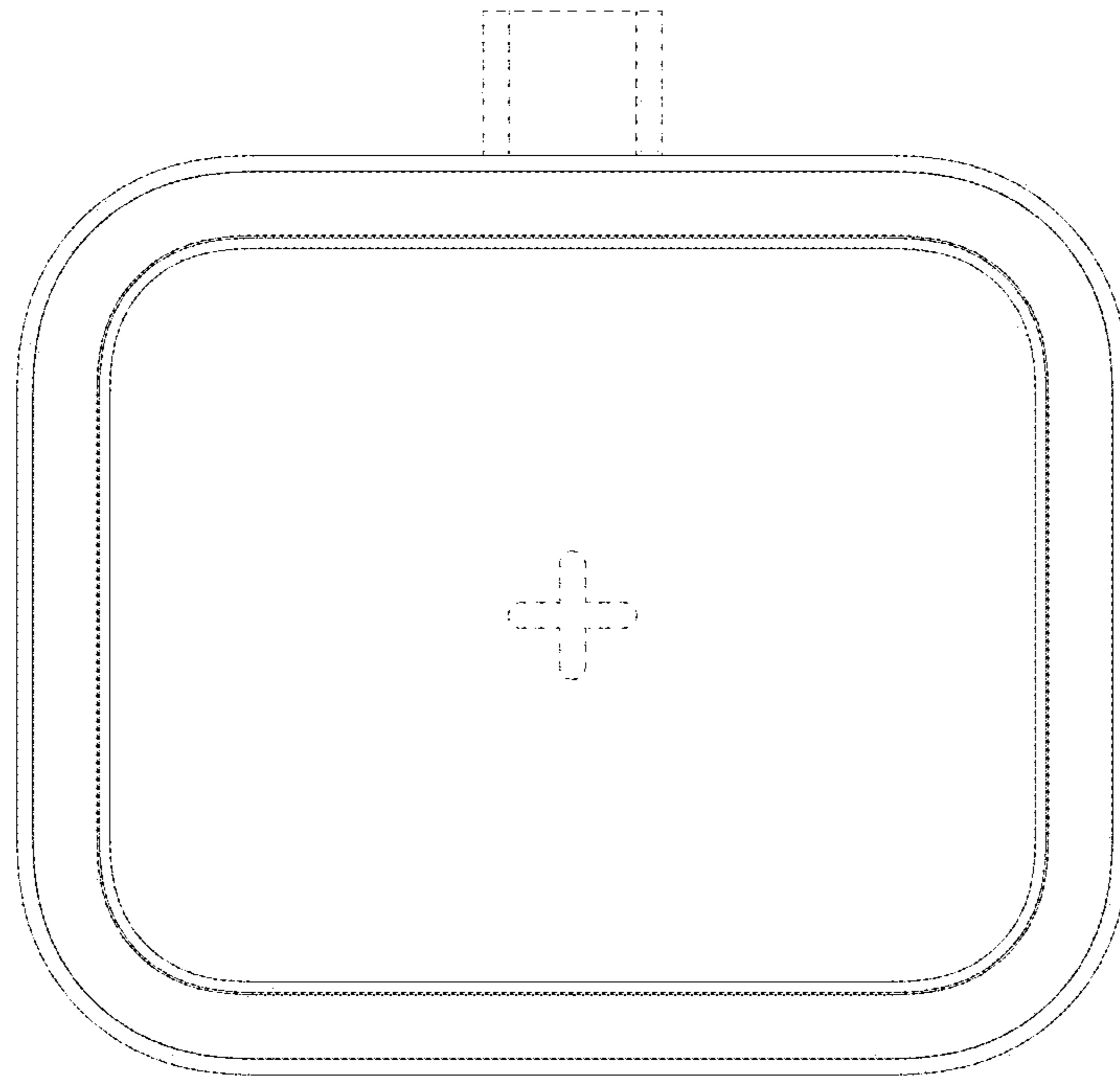


FIG. 2

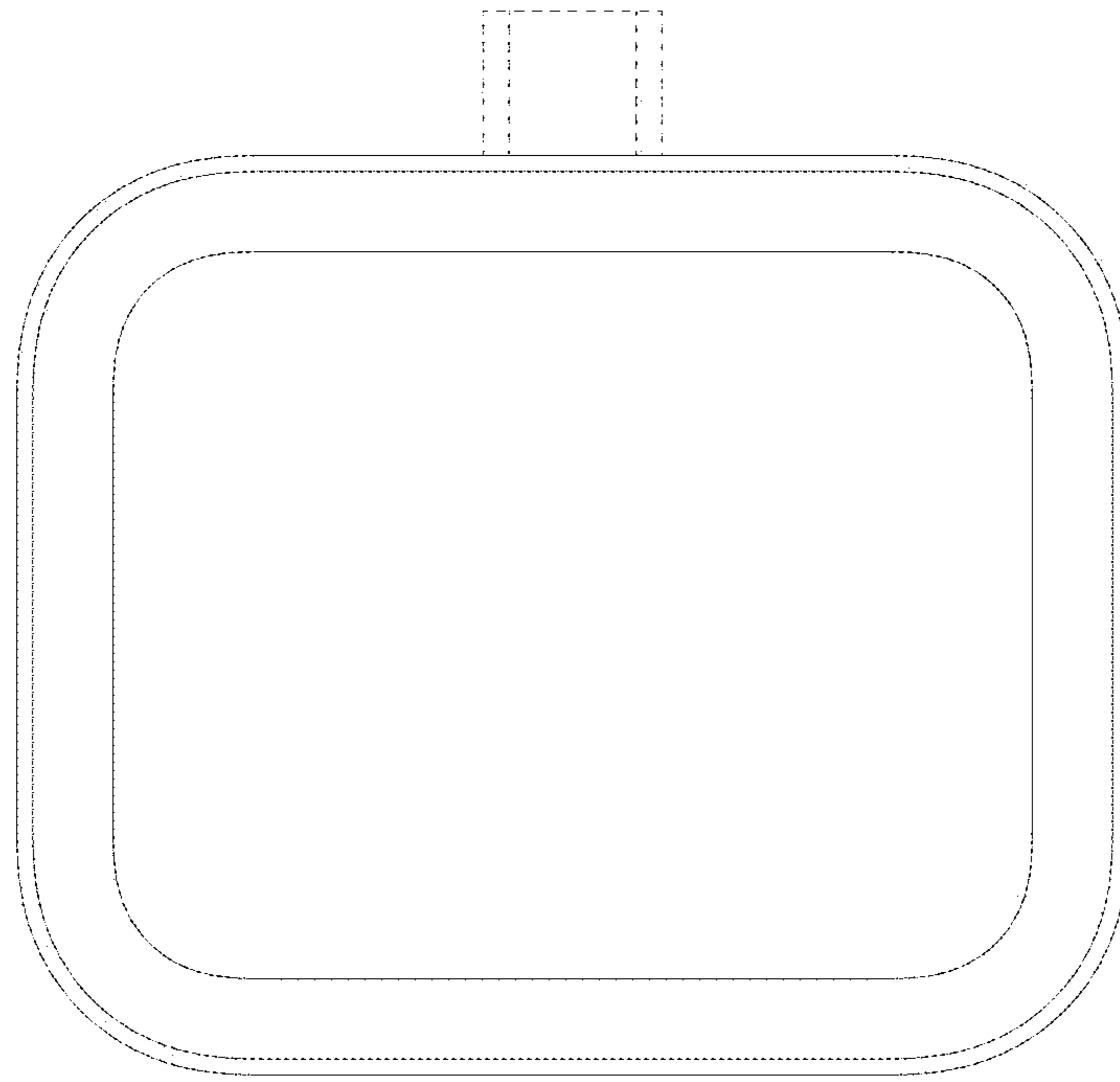


FIG. 3

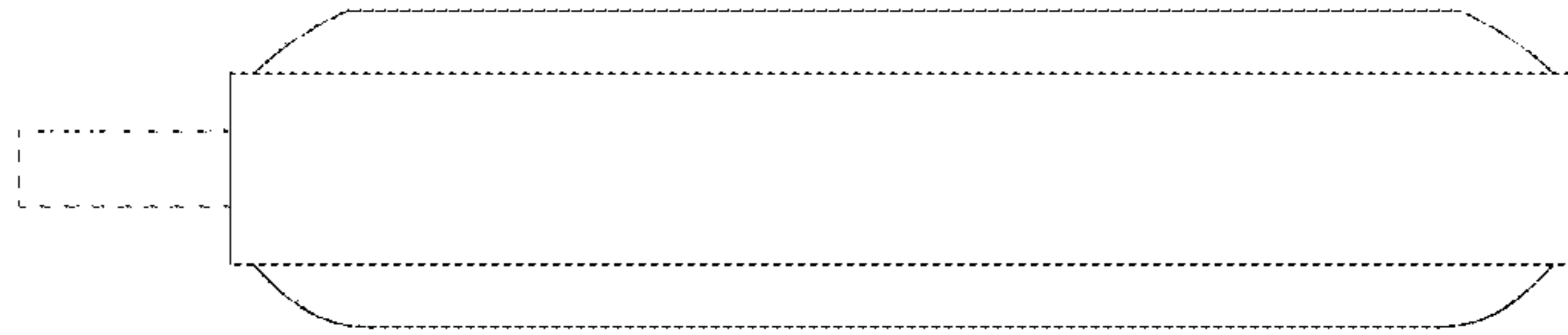


FIG. 4

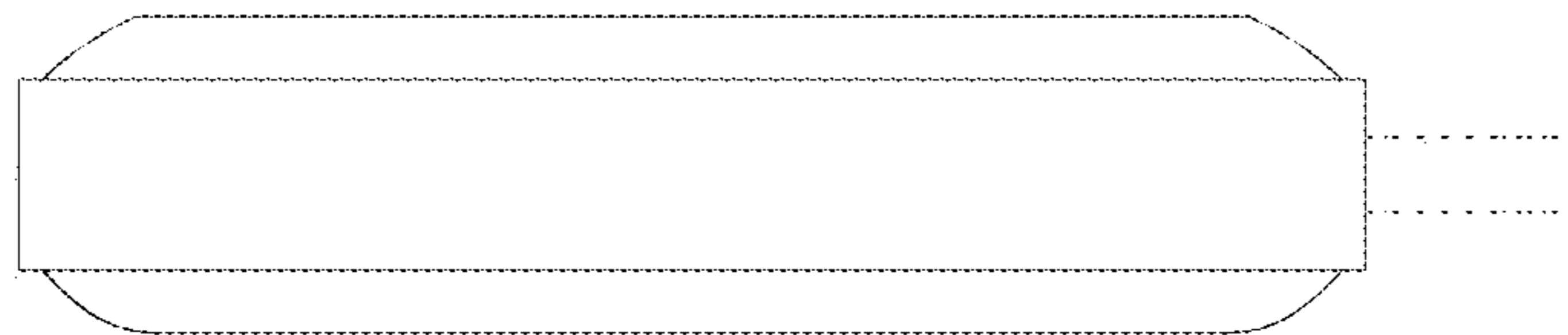


FIG. 5

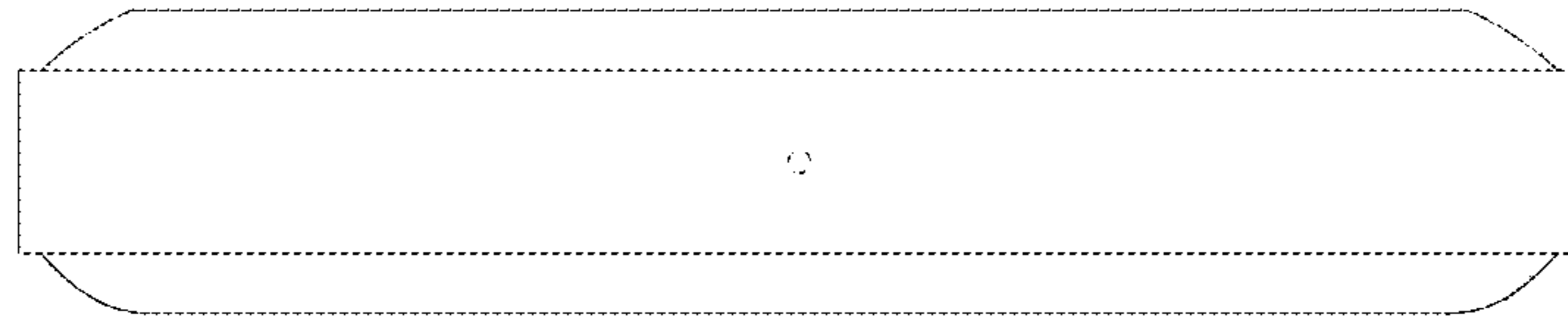


FIG. 6

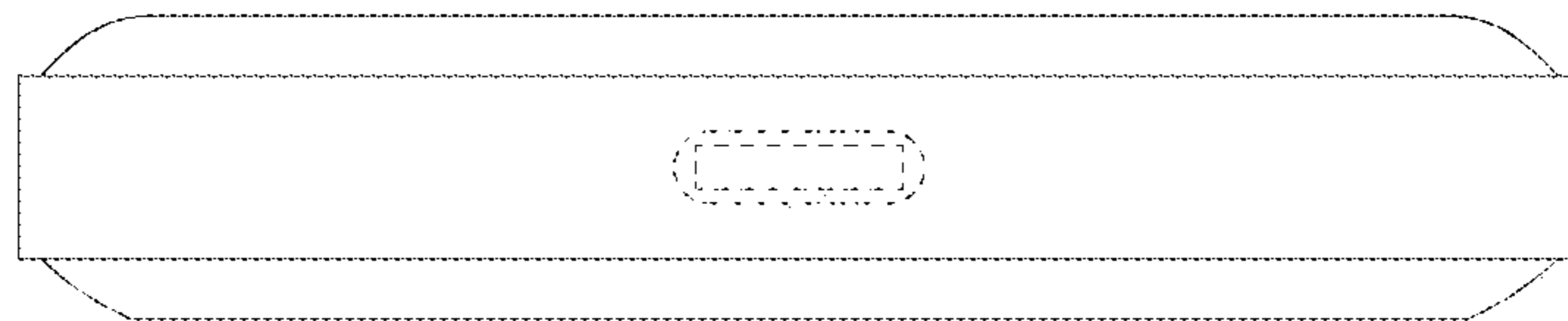


FIG. 7

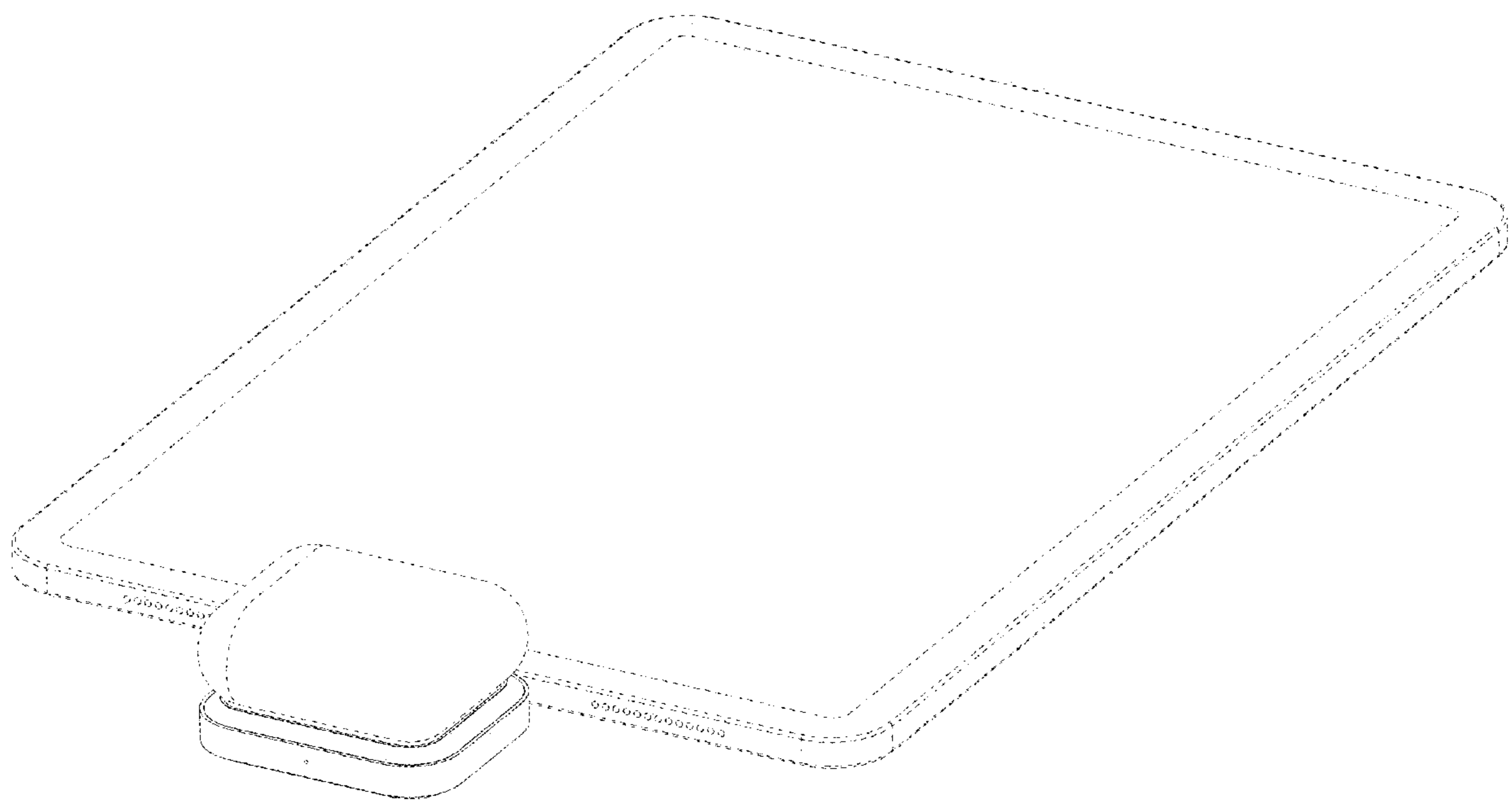


FIG. 8

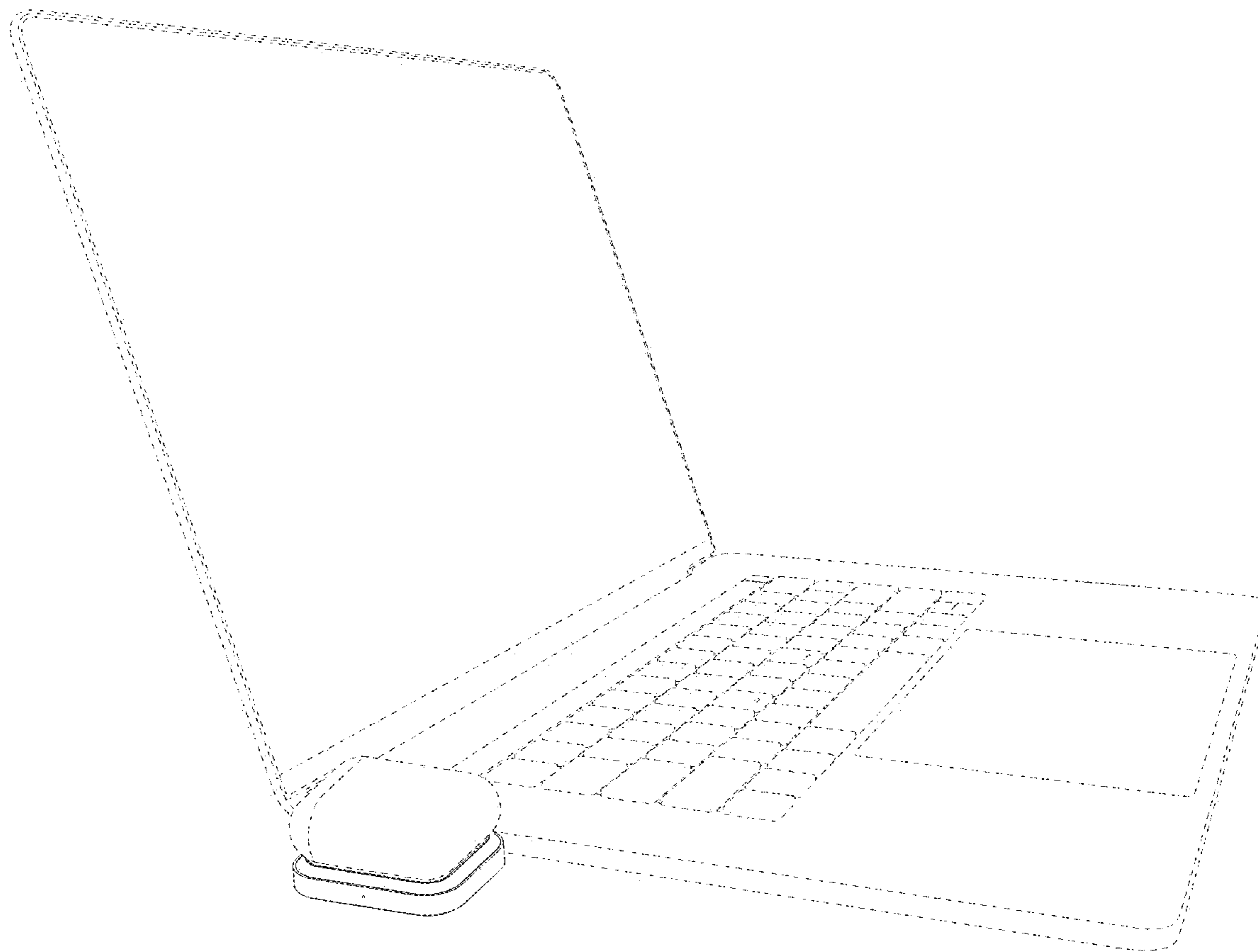


FIG. 9