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

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(54) **BATTERY CHARGER**

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(**) Term: **14 Years**

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(52) **U.S. Cl.**
USPC **D13/107**

(58) **Field of Classification Search**
USPC D13/107, 108, 109, 110, 118, 119, 184, D13/199; D14/251, 253, 432, 434; 320/107, 320/108, 109, 110, 111, 112, 113, 114, 115, 320/128, 137, 138, 139, 140
CPC H02J 7/0042; H02J 7/0044; H02J 7/0047
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D346,786 S *	5/1994	Nagele	.....	D13/108
D346,798 S *	5/1994	Nagele	.....	D13/108
D358,821 S *	5/1995	Hellier	.....	D13/108
D369,797 S *	5/1996	Hillier	.....	D13/108
5,834,920 A *	11/1998	Daniel	.....	H01R 13/60 320/111
D408,418 S *	4/1999	Pescetto	.....	D14/253
D417,189 S *	11/1999	Amero, Jr.	.....	D13/107
D420,323 S *	2/2000	Nakamura	.....	D13/107
D427,965 S *	7/2000	Wu	.....	D13/107
D471,907 S *	3/2003	Peiker	.....	D14/253
D483,016 S *	12/2003	Ma	.....	D13/108
D489,321 S *	5/2004	Krieger	.....	D13/108

D501,823 S *	2/2005	Johnson	.....	D13/107
D521,450 S *	5/2006	Stratford	.....	D13/108
D529,440 S *	10/2006	Lodato	.....	D13/108
D532,370 S *	11/2006	Shimizu	.....	D13/108
D548,687 S *	8/2007	Okuda	.....	D13/107
D555,589 S *	11/2007	Hussaini	.....	D13/108
D571,720 S *	6/2008	Yang	.....	D13/107
D571,721 S *	6/2008	Yang	.....	D13/107

(Continued)

FOREIGN PATENT DOCUMENTS

EM 002605113-0001 * 12/2014

OTHER PUBLICATIONS

“Popular Low Price Digital Camera Battery NB-2LH/2L USB Charger” Accessed: Jan. 19, 2016. Oasis. http://www.oasishkld.com/product/819202020-212324719/Popular_Low_Price_Digital_Camera_Battery_NB_2LH_2L_USB_Charger_Super_Slim.html.*

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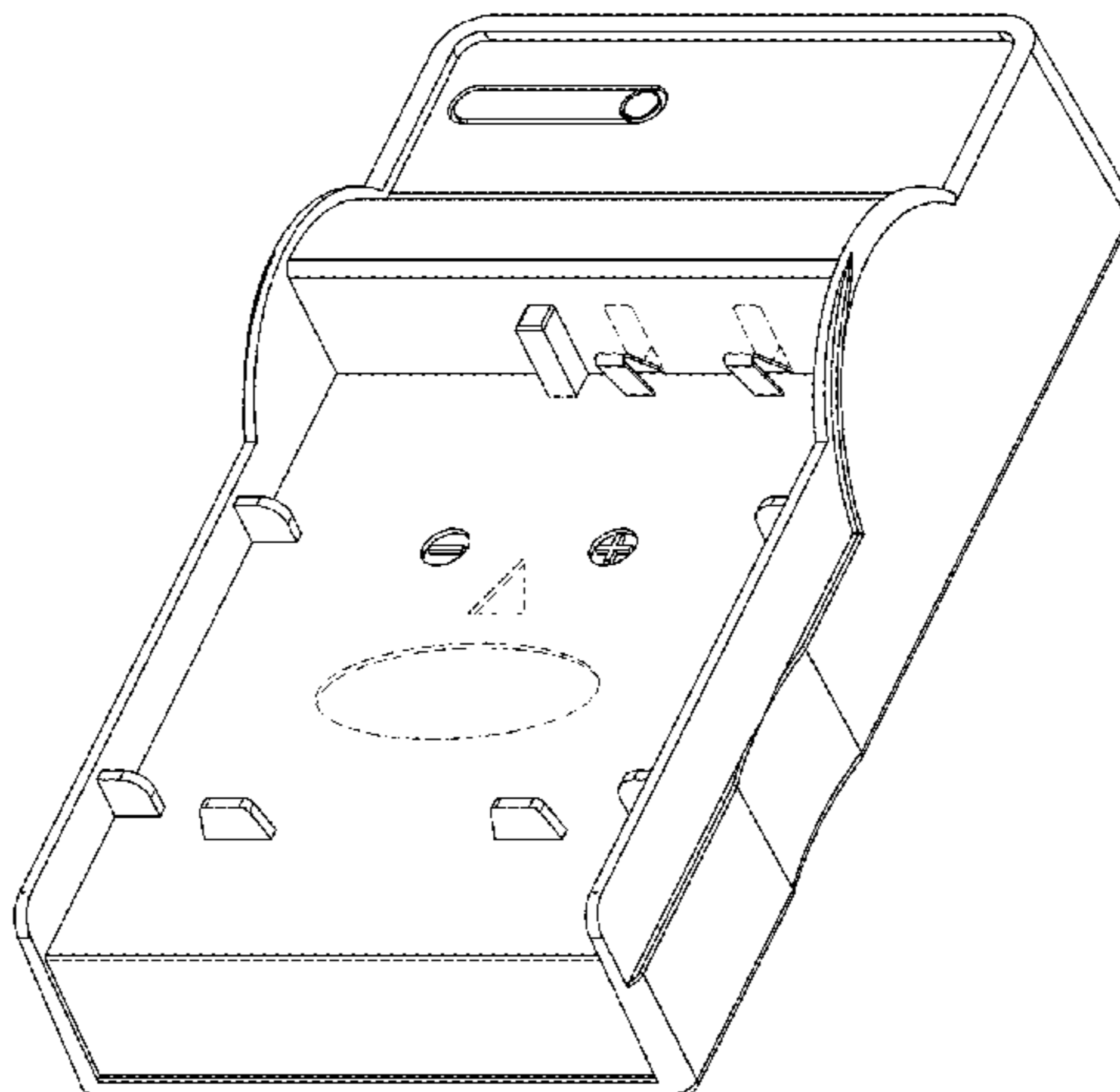
(57) **CLAIM**

The ornamental design for a “battery charger,” as shown and described.

DESCRIPTION

FIG. 1 is a front, top and left side perspective view of a battery charger showing my new design; FIG. 2 is a front elevational view thereof; FIG. 3 is a rear elevational view thereof; FIG. 4 is a left side elevational view thereof; FIG. 5 is a right side elevational view thereof; FIG. 6 is a top plan view thereof; and, FIG. 7 is a bottom plan view thereof. The broken lines depict portions of a battery charger that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D576,546 S * 9/2008 Yang D13/107
 D599,287 S * 9/2009 Kingston D13/107
 D605,645 S * 12/2009 Kettula D14/253
 D623,131 S * 9/2010 Kawakami D13/107
 D629,354 S * 12/2010 Chang D13/107
 7,932,694 B2 * 4/2011 Watanabe H02J 7/0006
 320/113
 D645,815 S * 9/2011 Wu D13/108
 D654,018 S * 2/2012 Conley D13/107
 D668,219 S * 10/2012 Zhao D13/107
 D718,235 S * 11/2014 Uzuyama D13/108
 D718,710 S * 12/2014 Rabalais D13/107
 D721,648 S * 1/2015 Breines D13/107
 9,041,359 B2 * 5/2015 Ro H02J 7/0065
 320/108
 D742,887 S * 11/2015 Ignomirello D14/432
 2005/0225285 A1 * 10/2005 Cheng H02J 7/0003
 320/111

2006/0108984 A1 * 5/2006 Johnson B25F 5/02
 320/128
 2010/0171462 A1 * 7/2010 Yang H02J 7/0003
 320/110
 2012/0249062 A1 * 10/2012 Chang H01M 2/1022
 320/107
 2014/0340025 A1 * 11/2014 Rief H02J 7/0044
 320/107

OTHER PUBLICATIONS

“Battery Charger for Nikon EN-EL 14 with USB line” Accessed:
 Jan. 19, 2016. DH Gate. <http://www.dhgate.com/product/battery-charger-for-nikon-en-el14-with-usb/247957423.html>. *
 “Compact Battery Charger Set for Nikon EN-EL 12” First Com-
 ment: Nov. 16, 2009. Amazon. <http://www.amazon.com/Compact-Battery-Charger-Nikon-EN-EL12/dp/B002GEVZPC>. *
 “Insten Compact Battery Charger/ Li-ion Battery for Nikon EN-EL
 5” First Comment: Dec. 30, 2010. Overstock. <http://www.overstock.com/Electronics/Insten-Compact-Battery-Charger-Li-ion-Battery-for-Nikon-EN-EL5/5563587/product.html>. *

* cited by examiner

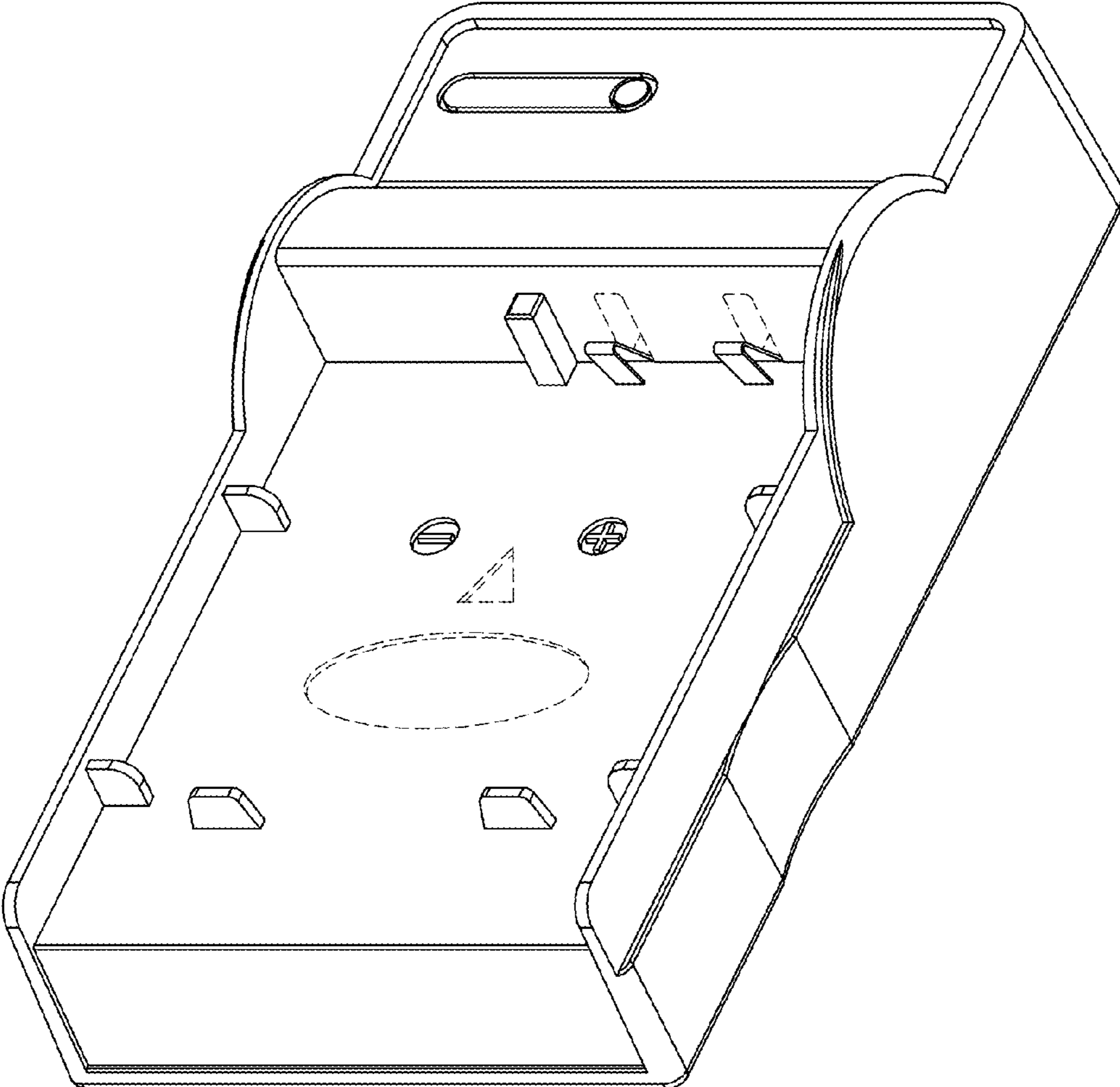


FIG. 1

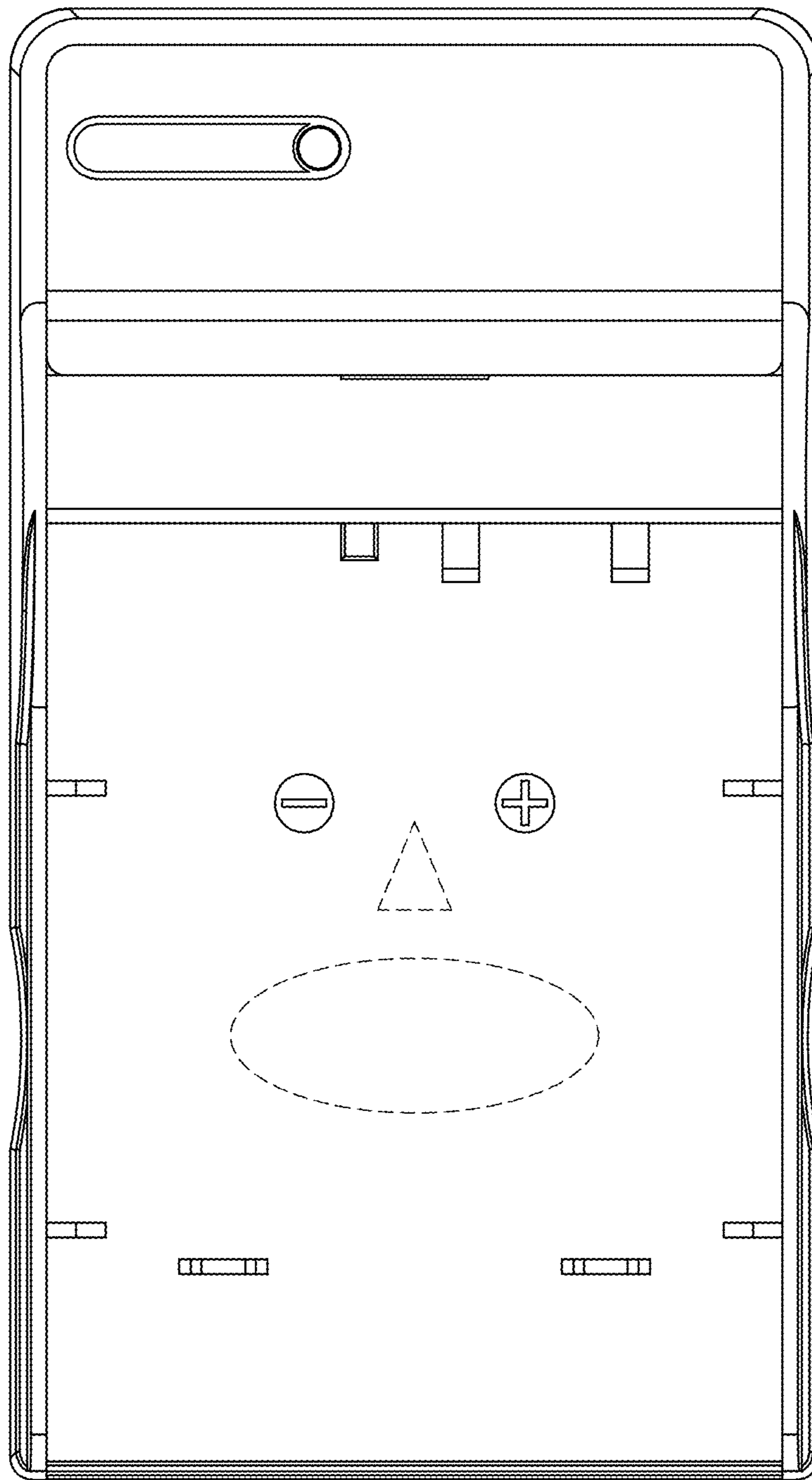


FIG. 2

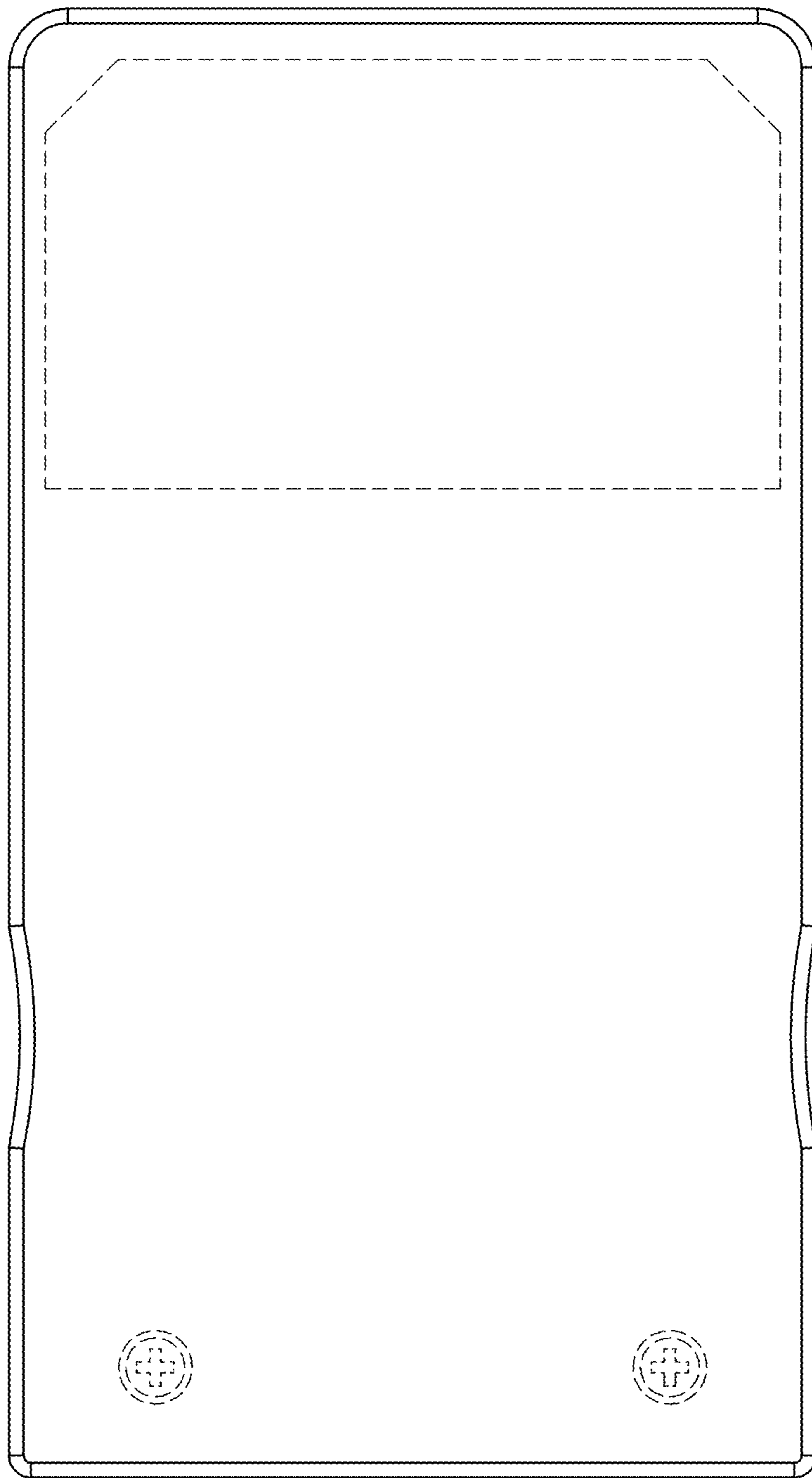


FIG. 3

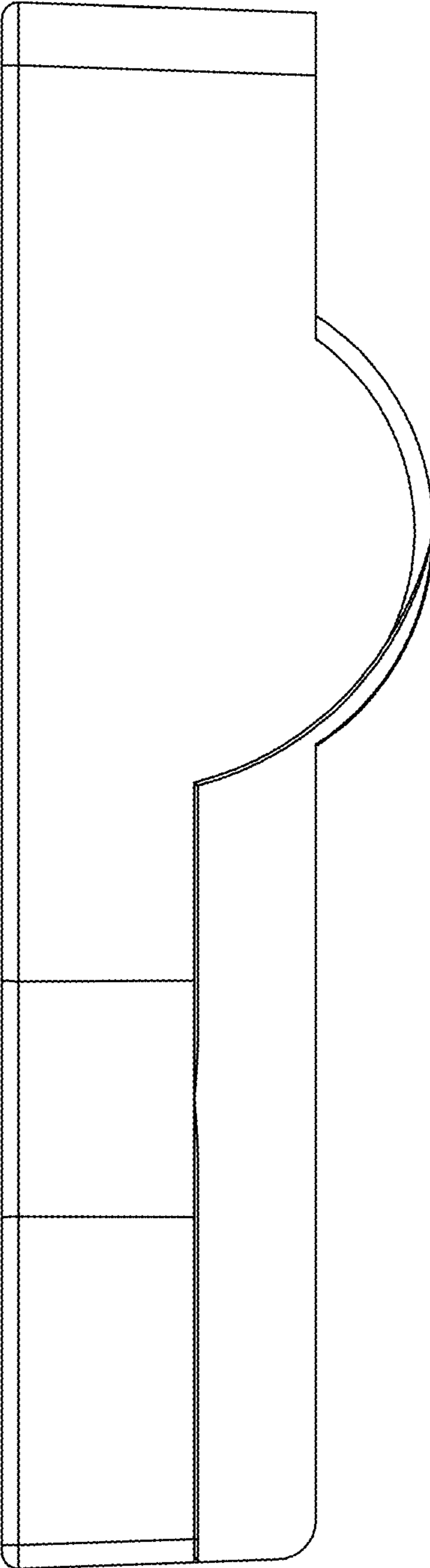


FIG. 4

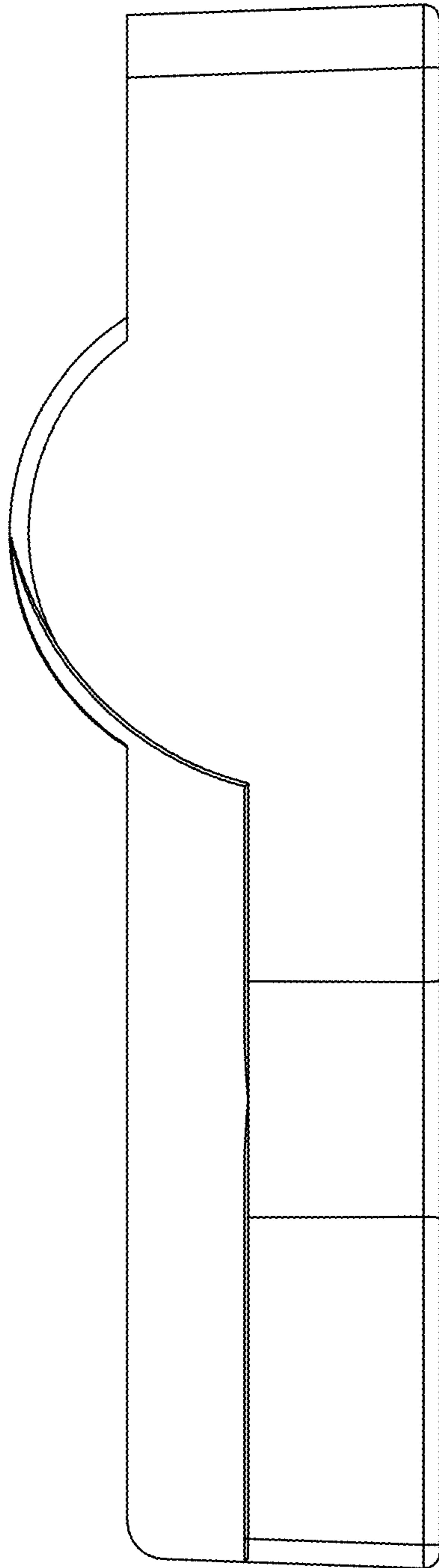


FIG. 5

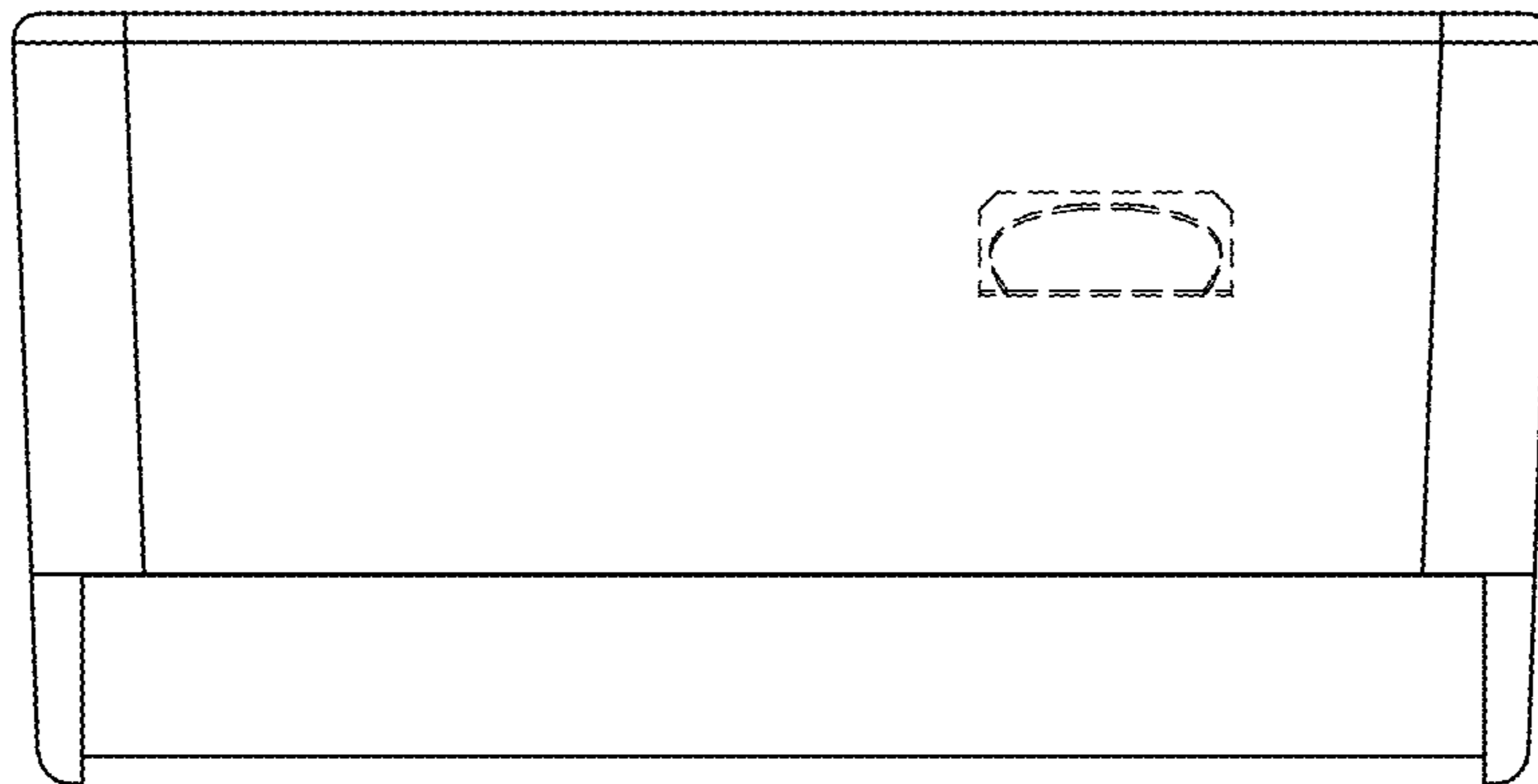


FIG. 6

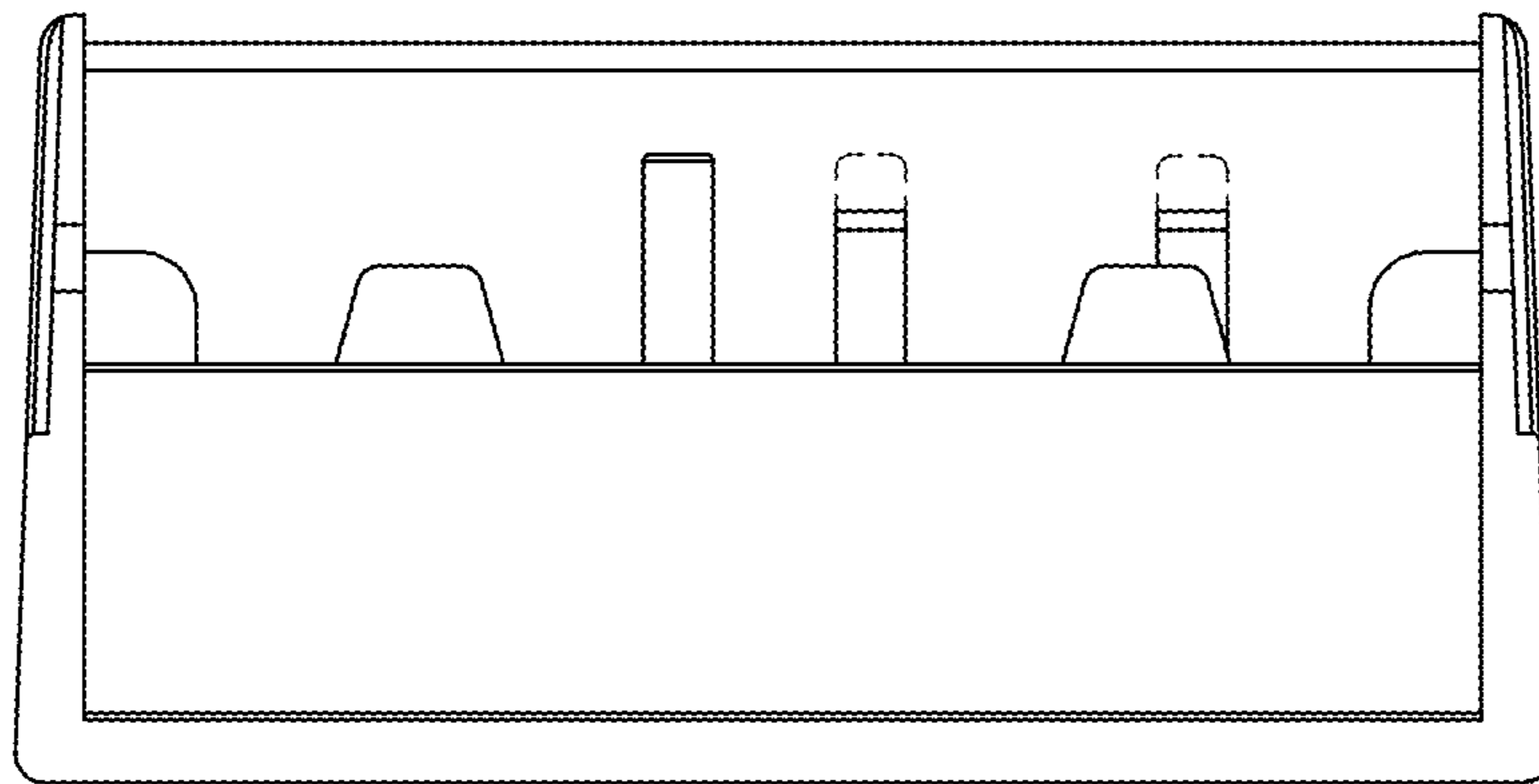


FIG. 7