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(54) **CONSOLE**

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See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,633,758 A	1/1972	Morse et al.
3,788,304 A	1/1974	Takahashi
4,146,019 A	3/1979	Bass et al.
4,253,447 A	3/1981	Moore et al.
4,301,790 A	11/1981	Bol et al.
D267,019 S	11/1982	Goldsmith
4,392,485 A	7/1983	Hiltebrandt
4,491,865 A	1/1985	Danna et al.
D281,081 S	10/1985	Zwissler et al.
4,616,630 A	10/1986	Arakawa
4,621,284 A	11/1986	Nishioka et al.
4,769,014 A	9/1988	Russo
4,782,819 A	11/1988	Adair
4,809,680 A	3/1989	Yabe
4,846,153 A	7/1989	Berci

4,919,651 A	4/1990	Doane
4,996,975 A	3/1991	Nakamura
5,025,778 A	6/1991	Silverstein et al.
5,059,182 A	10/1991	Laing
5,131,380 A	7/1992	Heller et al.

(Continued)

FOREIGN PATENT DOCUMENTS

EP	0299240 A2	1/1989
EP	1707102 A1	10/2006

(Continued)

OTHER PUBLICATIONS

Artyomov et al., "Image Sensors in Security and Medical Applications". International Journal "Information Theories & Applications", vol. 14, 2007. pp. 114-127.

(Continued)

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(57)

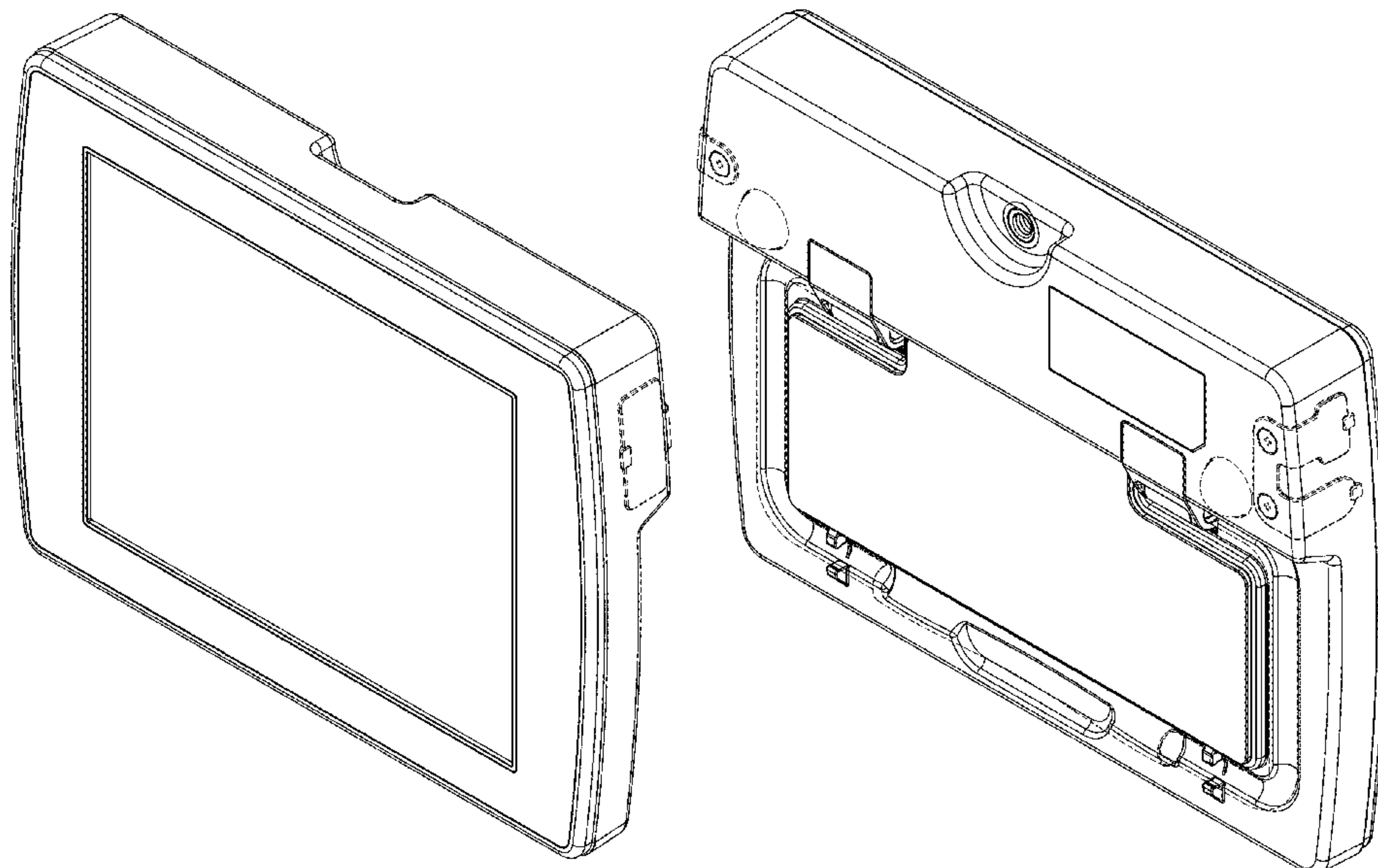
CLAIM

The ornamental design for a console, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a console;
FIG. 2 is a rear perspective view of the console of FIG. 1 showing a stowed stand and feet in phantom;
FIG. 3 is a front view of the console of FIG. 1;
FIG. 4 is a right side view of the console of FIG. 1;
FIG. 5 is a top plan view of the console of FIG. 1;
FIG. 6 is a rear view of the console of FIG. 1;
FIG. 7 is a left side view of the console of FIG. 1; and,
FIG. 8 is a bottom plan view of the console of FIG. 1.
The elements shown in phantom form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,168,863	A	12/1992	Kurtzer		
5,187,579	A	2/1993	Hiyama		
5,220,198	A	6/1993	Tsuji		
5,242,394	A	9/1993	Tremulis		
5,285,778	A	2/1994	Mackin		
5,329,940	A	7/1994	Adair		
5,334,150	A	8/1994	Kaali		
5,353,783	A	10/1994	Nakao et al.		
5,400,771	A	3/1995	Pirak et al.		
5,409,480	A	4/1995	Uram		
5,423,311	A	6/1995	Snoke et al.		
5,469,254	A	11/1995	Konomura		
5,526,928	A	6/1996	Yabe et al.		
5,527,261	A	6/1996	Monroe et al.		
5,604,531	A	2/1997	Iddan et al.		
5,610,828	A	3/1997	Kodosky et al.		
5,636,625	A	6/1997	Miyagi et al.		
5,638,819	A	6/1997	Manwaring et al.		
5,645,519	A	7/1997	Lee et al.		
5,665,064	A	9/1997	Bodicky et al.		
5,676,635	A	10/1997	Levin		
D390,666	S *	2/1998	Lagerlof	D24/186	
D391,247	S	2/1998	Wanishi et al.		
5,720,293	A	2/1998	Quinn et al.		
D393,850	S	4/1998	Norton		
5,740,802	A	4/1998	Nafis et al.		
5,772,693	A	6/1998	Brownlee		
D398,595	S	9/1998	Baer et al.		
5,800,342	A	9/1998	Lee et al.		
5,817,015	A	10/1998	Adair		
5,830,121	A	11/1998	Enomoto et al.		
5,840,013	A	11/1998	Lee et al.		
5,848,691	A	12/1998	Morris et al.		
5,873,816	A	2/1999	Kagawa et al.		
D406,894	S *	3/1999	Menhennett et al.	D24/169	
5,896,166	A	4/1999	D'Alfonso et al.		
5,908,294	A	6/1999	Schick et al.		
5,913,816	A	6/1999	Sanders et al.		
5,929,901	A	7/1999	Adair et al.		
D412,748	S *	8/1999	Nabarro	D24/160	
5,932,035	A	8/1999	Koger et al.		
5,938,603	A	8/1999	Ponzi		
5,941,816	A	8/1999	Barthel et al.		
D414,870	S *	10/1999	Saltzstein et al.	D24/186	
5,967,988	A	10/1999	Briscoe et al.		
5,986,693	A	11/1999	Adair et al.		
5,989,230	A	11/1999	Frassica		
5,989,231	A	11/1999	Snow et al.		
6,004,263	A	12/1999	Nakaichi et al.		
6,043,839	A	3/2000	Adair et al.		
6,053,313	A	4/2000	Farrell et al.		
D426,204	S *	6/2000	Maio et al.	D14/356	
6,099,354	A	8/2000	Troyan		
6,115,523	A	9/2000	Choi et al.		
6,117,071	A	9/2000	Ito et al.		
6,120,435	A	9/2000	Eino		
6,134,003	A	10/2000	Tearney et al.		
6,237,604	B1	5/2001	Burnside et al.		
6,245,029	B1	6/2001	Fujita et al.		
6,275,255	B1	8/2001	Adair et al.		
D447,569	S *	9/2001	Baily et al.	D24/186	
6,310,642	B1	10/2001	Adair et al.		
6,322,498	B1	11/2001	Gravenstein et al.		
6,339,446	B1	1/2002	Miyoshi		
D455,760	S	4/2002	Platz		
D456,027	S	4/2002	Boehler et al.		
6,364,827	B1	4/2002	Irion et al.		
D459,477	S *	6/2002	Stocks et al.	D24/164	
6,447,444	B1	9/2002	Avni et al.		
6,458,076	B1	10/2002	Pruitt		
6,462,770	B1	10/2002	Cline et al.		
D465,789	S	11/2002	Platz		
D466,519	S	12/2002	Shim et al.		
D470,505	S	2/2003	Platz		
6,520,916	B1	2/2003	Brennen		
D471,226	S	3/2003	Gray		
D471,227	S	3/2003	Gray		
6,543,447	B2	4/2003	Pacey		
6,547,757	B1	4/2003	Kranz et al.		
6,550,475	B1	4/2003	Oldfield		
6,553,241	B2	4/2003	Mannheimer et al.		
6,554,765	B1	4/2003	Yarush et al.		
6,565,506	B2	5/2003	Ishizuka		
6,585,639	B1	7/2003	Kotmel et al.		
6,612,980	B2	9/2003	Chen et al.		
6,623,480	B1	9/2003	Kuo et al.		
6,626,828	B2	9/2003	Dohi et al.		
D483,872	S *	12/2003	Cruz et al.	D24/169	
6,655,377	B2	12/2003	Pacey		
6,692,430	B2	2/2004	Adler		
6,692,432	B1	2/2004	Yarush et al.		
6,712,756	B1	3/2004	Kura et al.		
6,712,760	B2	3/2004	Sano et al.		
D491,954	S	6/2004	Platz et al.		
6,761,561	B2	7/2004	Mandelkern et al.		
6,814,727	B2	11/2004	Mansouri-Ruiz		
6,860,611	B2	3/2005	Gentz		
6,862,467	B2	3/2005	Moore et al.		
6,875,169	B2	4/2005	Berci et al.		
6,890,298	B2	5/2005	Berci et al.		
D506,195	S *	6/2005	Leveridge et al.	D14/341	
6,902,529	B2	6/2005	Onishi et al.		
6,909,795	B2	6/2005	Tecotzky et al.		
6,911,027	B1	6/2005	Edwards et al.		
6,929,600	B2	8/2005	Hill		
6,945,929	B2	9/2005	Ando		
6,960,161	B2	11/2005	Amling et al.		
6,966,876	B2	11/2005	Irion et al.		
6,986,738	B2	1/2006	Glukhovsky et al.		
D514,558	S *	2/2006	Nagel et al.	D14/341	
7,011,285	B2	3/2006	Wang et al.		
7,022,075	B2	4/2006	Grunwald et al.		
7,033,316	B2	4/2006	Takahashi		
7,044,909	B2	5/2006	Berci et al.		
7,048,687	B1	5/2006	Reuss et al.		
7,063,660	B2	6/2006	Chen et al.		
7,063,663	B2	6/2006	Kazakevich		
7,090,661	B2	8/2006	Morris et al.		
7,126,581	B2	10/2006	Burk et al.		
7,131,873	B2	11/2006	Miyake et al.		
7,151,956	B2	12/2006	Satoh et al.		
7,166,537	B2	1/2007	Jacobsen et al.		
7,223,232	B2	5/2007	Mizuno		
7,245,959	B1	7/2007	Wasicek		
7,270,650	B2	9/2007	Morris et al.		
7,273,452	B2	9/2007	Barbato et al.		
7,288,074	B2	10/2007	Swain et al.		
7,289,139	B2	10/2007	Amling et al.		
7,297,105	B2	11/2007	Mackin		
D558,351	S *	12/2007	Diener et al.	D24/186	
7,303,528	B2	12/2007	Couvillon, Jr.		
7,304,277	B2	12/2007	Weber		
7,316,646	B2	1/2008	Amling et al.		
D562,456	S *	2/2008	Scruggs et al.	D24/160	
7,366,562	B2	4/2008	Dukesherer et al.		
7,373,005	B2	5/2008	Venkataraman		
7,391,606	B2	6/2008	Chen et al.		
7,404,794	B2	7/2008	Scholly		
7,413,543	B2	8/2008	Banik et al.		
7,423,496	B2	9/2008	Scheuermann		
D582,916	S *	12/2008	Wada	D14/371	
7,471,310	B2	12/2008	Amling et al.		
7,491,167	B2	2/2009	Ogino et al.		
7,497,825	B2	3/2009	Sarwari		
D591,423	S *	4/2009	Diener et al.	D24/158	
7,530,946	B2	5/2009	Hartwick		
7,547,277	B2	6/2009	Wiklof et al.		
D598,109	S *	8/2009	Collins et al.	D24/186	
7,585,273	B2	9/2009	Adler et al.		
7,591,780	B2	9/2009	Jacobsen et al.		
7,596,402	B2	9/2009	Duerk et al.		
D601,582	S	10/2009	Chaudhri et al.		
7,599,730	B2	10/2009	Hunter et al.		
7,604,627	B2	10/2009	Kojouri		

(56)

References Cited

U.S. PATENT DOCUMENTS

7,628,752 B2	12/2009	Yamamoto et al.	8,241,199 B2	8/2012	Maschke
7,651,277 B2	1/2010	Gurreri et al.	8,262,559 B2	9/2012	Krattiger
D609,350 S *	2/2010	Hickey et al. D24/186	8,262,622 B2	9/2012	Gonzales et al.
7,660,453 B2	2/2010	Lang	8,265,732 B2	9/2012	Besz et al.
7,662,151 B2	2/2010	Crompton, Jr. et al.	8,280,205 B2	10/2012	Erdman et al.
7,672,491 B2	3/2010	Krishnan et al.	8,285,362 B2	10/2012	Dietz et al.
D613,411 S *	4/2010	Collins et al. D24/186	8,292,874 B2	10/2012	Stivland et al.
D614,634 S	4/2010	Nilsen	8,297,440 B2	10/2012	Schmidt et al.
7,697,972 B2	4/2010	Verard et al.	8,308,637 B2	11/2012	Ishigami et al.
D615,199 S *	5/2010	Zimmerli et al. D24/137	8,314,835 B2	11/2012	Kanzaki et al.
7,713,189 B2	5/2010	Hanke	8,317,689 B1	11/2012	Remijan et al.
7,720,521 B2	5/2010	Chang et al.	8,336,541 B2	12/2012	Schwartz et al.
7,740,578 B2	6/2010	Little	8,360,964 B2	1/2013	Ertas
D621,515 S *	8/2010	Chua et al. D24/186	8,386,023 B2	2/2013	Furnish
7,773,122 B2	8/2010	Irion et al.	8,388,376 B2	3/2013	Yamamoto et al.
7,780,650 B2	8/2010	Frassica et al.	8,390,995 B2	3/2013	Wang et al.
7,787,939 B2	8/2010	Jacobsen et al.	8,400,767 B2	3/2013	Yeom et al.
7,789,823 B2	9/2010	Kato et al.	8,403,836 B2	3/2013	Shimotsu
7,805,188 B2	9/2010	Brushey	8,408,269 B2	4/2013	Fengler et al.
7,806,121 B2	10/2010	Bodduluri	8,408,815 B2	4/2013	Lin et al.
7,831,070 B1	11/2010	Cheng et al.	8,409,081 B2	4/2013	Takahashi
7,846,091 B2	12/2010	Fulghum	8,421,626 B2	4/2013	Downie et al.
7,850,370 B2	12/2010	Murano	8,425,405 B2	4/2013	Mitani et al.
7,860,555 B2	12/2010	Saadat	8,444,802 B2	5/2013	Lee et al.
7,860,556 B2	12/2010	Saadat	8,454,578 B2	6/2013	Leefflang et al.
7,879,004 B2	2/2011	Seibel et al.	8,471,392 B2	6/2013	Kojima
7,896,802 B2	3/2011	Otawara	8,480,404 B2	7/2013	Savitsky
7,898,085 B2	3/2011	Fujimori	8,485,966 B2	7/2013	Robertson
7,901,348 B2	3/2011	Soper et al.	8,485,967 B2	7/2013	Takahashi et al.
7,901,353 B2	3/2011	Vayser et al.	8,486,023 B2	7/2013	Pyles
7,914,448 B2	3/2011	Bob et al.	8,496,001 B2	7/2013	Schermeier et al.
7,922,654 B2	4/2011	Boutillette et al.	8,496,574 B2	7/2013	Trusty et al.
7,930,016 B1	4/2011	Saadat	8,496,580 B2	7/2013	Dotan et al.
D638,943 S *	5/2011	Daniel D24/172	8,512,232 B2	8/2013	Rothberg et al.
7,942,814 B2	5/2011	Remijan et al.	8,514,556 B2	8/2013	Huang et al.
7,976,459 B2	7/2011	Laser	8,547,689 B2	10/2013	Moser
7,978,891 B2	7/2011	Assmann et al.	8,556,806 B2	10/2013	Farr
7,985,213 B2	7/2011	Parker	8,568,159 B2	10/2013	Noda et al.
D643,936 S *	8/2011	Oonuma et al. D24/232	8,573,824 B2	11/2013	Komukai et al.
D644,246 S	8/2011	Matas	8,574,192 B2	11/2013	Haarala et al.
7,993,264 B2	8/2011	Crank	8,585,586 B2	11/2013	Yamaguchi et al.
7,998,062 B2	8/2011	Gilboa	8,587,710 B2	11/2013	Jeon
8,016,749 B2	9/2011	Clerc et al.	8,591,407 B2	11/2013	Wendlandt et al.
8,049,061 B2	11/2011	Ehrenreich et al.	D695,410 S *	12/2013	Becker D24/186
8,050,746 B2	11/2011	Saadat et al.	8,597,179 B2	12/2013	Kokubo
8,052,596 B2	11/2011	Kim	8,599,264 B2	12/2013	Schmidt
8,069,420 B2	11/2011	Plummer	8,600,133 B2	12/2013	Buelow et al.
D650,484 S *	12/2011	Shinohara et al. D24/186	8,602,967 B2	12/2013	Robertson
8,075,477 B2	12/2011	Nakamura et al.	8,602,979 B2	12/2013	Kitano
8,075,583 B2	12/2011	Lee et al.	8,606,347 B2	12/2013	Besz et al.
8,135,195 B2	3/2012	Mahesh et al.	2002/0007108 A1	1/2002	Chen et al.
8,139,296 B2	3/2012	Ito	2002/0093563 A1	7/2002	Cline et al.
D657,059 S *	4/2012	Geijsen et al. D24/160	2002/0126960 A1	9/2002	Gurreri
D658,295 S *	4/2012	Geijsen et al. D24/158	2003/0055314 A1	3/2003	Petitto et al.
8,152,560 B2	4/2012	Malstron et al.	2003/0060678 A1	3/2003	Watai et al.
8,152,712 B2	4/2012	Abe	2003/0112921 A1	6/2003	Lang et al.
8,160,676 B2	4/2012	Gielen et al.	2004/0111012 A1	6/2004	Whitman
8,162,820 B2	4/2012	Moore	2004/0111081 A1	6/2004	Whitman et al.
8,162,824 B2	4/2012	Vayser et al.	2004/0133074 A1	7/2004	Chen et al.
8,162,825 B2	4/2012	Matsumoto et al.	2004/0162487 A1	8/2004	Klingenbeck-Regn et al.
D659,836 S *	5/2012	Bensch et al. D24/167	2004/0165833 A1	8/2004	Betker et al.
8,172,864 B2	5/2012	Wu	2004/0171914 A1	9/2004	Avni
8,175,680 B2	5/2012	Panescu	2004/0181431 A1	9/2004	Kuth et al.
8,183,510 B2	5/2012	Venezia et al.	2004/0199088 A1	10/2004	Bakos et al.
8,194,121 B2	6/2012	Blumzvig et al.	2004/0237048 A1	11/2004	Tojo et al.
8,194,122 B2	6/2012	Amling et al.	2004/0239760 A1	12/2004	Shoji et al.
8,199,187 B2	6/2012	Knapp, II et al.	2004/0252871 A1	12/2004	Tecotzky et al.
8,206,289 B2	6/2012	Zen	2005/0038318 A1	2/2005	Goldwasser
8,206,374 B2	6/2012	Duane et al.	2005/0054895 A1	3/2005	Hoeg et al.
8,211,128 B1	7/2012	Facundus et al.	2005/0073017 A1	4/2005	Kim
8,214,015 B2	7/2012	Macaulay et al.	2005/0192477 A1	9/2005	Forster et al.
8,216,185 B2	7/2012	Berger	2005/0203338 A1	9/2005	Couvillon, Jr. et al.
8,228,369 B2	7/2012	Kojima et al.	2005/0216041 A1	9/2005	Okada et al.
8,231,522 B2	7/2012	Endo et al.	2005/0250983 A1	11/2005	Tremaglio et al.
8,235,887 B2	8/2012	Bayer et al.	2005/0251013 A1	11/2005	Krishnan et al.
			2005/0277808 A1	12/2005	Sonnenschein et al.
			2006/0020171 A1	1/2006	Gilreath
			2006/0025650 A1	2/2006	Gavriely
			2006/0117185 A1	6/2006	Oguri et al.

(56)

References Cited

U.S. PATENT DOCUMENTS

2006/0122460	A1	6/2006	Kamali	2009/0318797	A1	12/2009	Hadani
2006/0171856	A1	8/2006	Jehle	2009/0318798	A1	12/2009	Singh et al.
2006/0224040	A1	10/2006	Khait et al.	2009/0326321	A1	12/2009	Jacobsen et al.
2006/0235274	A1	10/2006	Forster et al.	2010/0010302	A1	1/2010	Hadani
2006/0264918	A1	11/2006	Cook et al.	2010/0010334	A1	1/2010	Bleich et al.
2006/0287576	A1	12/2006	Tsuji et al.	2010/0016757	A1	1/2010	Greenburg et al.
2007/0049794	A1	3/2007	Glassenberg et al.	2010/0022824	A1	1/2010	Cybulski et al.
2007/0075208	A1	4/2007	Chen	2010/0030020	A1	2/2010	Sanders et al.
2007/0113204	A1	5/2007	Son et al.	2010/0030057	A1	2/2010	Gavriely et al.
2007/0162095	A1	7/2007	Kimmel et al.	2010/0047733	A1	2/2010	Nahlieli
2007/0167682	A1	7/2007	Goldfarb et al.	2010/0063352	A1	3/2010	Matsuura
2007/0225561	A1	9/2007	Watanabe et al.	2010/0063355	A1	3/2010	Matsuura
2007/0232882	A1	10/2007	Glossop et al.	2010/0081873	A1	4/2010	Tanimura et al.
2007/0235626	A1	10/2007	Mamizuka et al.	2010/0085273	A1	4/2010	Nakayama
2007/0276216	A1	11/2007	Beyar et al.	2010/0121139	A1	5/2010	OuYang et al.
2008/0021273	A1	1/2008	MacKin	2010/0121142	A1	5/2010	OuYange et al.
2008/0037850	A1	2/2008	Assmann et al.	2010/0121155	A1	5/2010	OuYange et al.
2008/0045800	A2	2/2008	Farr	2010/0174141	A1	7/2010	Gilad et al.
2008/0062624	A1	3/2008	Regen et al.	2010/0179384	A1	7/2010	Hoeg et al.
2008/0074492	A1	3/2008	Iwasaki	2010/0191053	A1	7/2010	Garcia et al.
2008/0077043	A1	3/2008	Malbrain et al.	2010/0198009	A1	8/2010	Farr et al.
2008/0081949	A1	4/2008	Gilad	2010/0204546	A1	8/2010	Hassidov et al.
2008/0091065	A1	4/2008	Oshima et al.	2010/0204561	A1	8/2010	Saadat et al.
2008/0108869	A1	5/2008	Sanders et al.	2010/0211005	A1	8/2010	Edwards et al.
2008/0123922	A1	5/2008	Gielen et al.	2010/0230140	A1	9/2010	Huang et al.
2008/0139896	A1	6/2008	Baumgart	2010/0249507	A1	9/2010	Prisco et al.
2008/0172006	A1	7/2008	Hicks	2010/0249512	A1	9/2010	McKinley et al.
2008/0236575	A1	10/2008	Chuda	2010/0249639	A1	9/2010	Bhatt
2008/0240527	A1	10/2008	Keller	2010/0280316	A1	11/2010	Dietz et al.
2008/0255416	A1	10/2008	Gilboa	2010/0286475	A1	11/2010	Robertson
2008/0275301	A1	11/2008	Lubowski et al.	2010/0286477	A1	11/2010	OuYang et al.
2008/0294000	A1	11/2008	Iwamoto	2010/0305503	A1	12/2010	Fang et al.
2008/0294007	A1	11/2008	Takada	2011/0004058	A1	1/2011	Oneda et al.
2008/0300456	A1	12/2008	Irion et al.	2011/0009694	A1	1/2011	Schultz et al.
2008/0319391	A1	12/2008	Jackson	2011/0015614	A1	1/2011	Rykhkus, Jr. et al.
2009/0030276	A1	1/2009	Saadat et al.	2011/0034769	A1	2/2011	Adair et al.
2009/0030283	A1	1/2009	Freystein et al.	2011/0036965	A1	2/2011	Zhang et al.
2009/0043167	A1	2/2009	Leiner	2011/0037876	A1	2/2011	Talbert et al.
2009/0046906	A1	2/2009	Wohlgemuth et al.	2011/0098530	A1	4/2011	Yamane
2009/0054803	A1	2/2009	Saadat et al.	2011/0113329	A1	5/2011	Pusateri
2009/0060425	A1	3/2009	Aronson	2011/0130627	A1	6/2011	McGrail et al.
2009/0062609	A1	3/2009	Suda	2011/0130631	A1	6/2011	Geisser et al.
2009/0069694	A1	3/2009	Amundson et al.	2011/0137117	A1	6/2011	Jacobsen et al.
2009/0082625	A1	3/2009	Gono	2011/0137118	A1	6/2011	Huang
2009/0099417	A1	4/2009	Hartwick	2011/0137127	A1	6/2011	Schwartz et al.
2009/0105538	A1	4/2009	Van Dam et al.	2011/0152613	A1	6/2011	Zubiate et al.
2009/0118577	A9	5/2009	Snay et al.	2011/0160535	A1	6/2011	Bayer et al.
2009/0118580	A1	5/2009	Sun et al.	2011/0160537	A1	6/2011	Chen
2009/0137893	A1	5/2009	Seibel et al.	2011/0196204	A1	8/2011	Setty et al.
2009/0143651	A1	6/2009	Kallback et al.	2011/0201882	A1	8/2011	Schwartz et al.
2009/0149705	A1	6/2009	Tani et al.	2011/0218400	A1	9/2011	Ma et al.
2009/0149706	A1	6/2009	Yamazaki et al.	2011/0245605	A1	10/2011	Jacobsen et al.
2009/0155750	A1	6/2009	Abe	2011/0245606	A1	10/2011	Hayashi et al.
2009/0163769	A1	6/2009	Robertson et al.	2011/0245607	A1	10/2011	Hayashi et al.
2009/0167851	A1	7/2009	Miller et al.	2011/0245608	A1	10/2011	Takahashi et al.
2009/0171148	A1	7/2009	Lu et al.	2011/0249025	A1	10/2011	Mitani et al.
2009/0177032	A1	7/2009	Garibaldi et al.	2011/0249106	A1	10/2011	Makino et al.
2009/0187425	A1	7/2009	Thompson	2011/0251456	A1	10/2011	Jacobsen et al.
2009/0198102	A1	8/2009	Chen et al.	2011/0255760	A1	10/2011	Mahesh et al.
2009/0198106	A1	8/2009	Ichihashi	2011/0257478	A1	10/2011	Kleiner et al.
2009/0209826	A1	8/2009	Sanders et al.	2011/0263938	A1	10/2011	Levy
2009/0216080	A1	8/2009	Nakamura	2011/0270295	A1	11/2011	Litvack et al.
2009/0225159	A1	9/2009	Schneider et al.	2011/0275894	A1	11/2011	Mackin
2009/0234220	A1	9/2009	Maschke	2011/0282144	A1	11/2011	Gettman
2009/0237497	A1	9/2009	Iinuma et al.	2011/0288372	A1	11/2011	Petersen
2009/0253955	A1	10/2009	Akiba	2011/0289441	A1	11/2011	Venon et al.
2009/0259097	A1	10/2009	Thompson	2011/0294361	A1	12/2011	Schrader
2009/0268019	A1	10/2009	Ishii et al.	2011/0295061	A1	12/2011	Haramaty et al.
2009/0275799	A1	11/2009	Saadat et al.	2011/0295072	A1	12/2011	Boulais et al.
2009/0299137	A1	12/2009	Gal et al.	2011/0301415	A1	12/2011	Motai et al.
2009/0299363	A1	12/2009	Saadat et al.	2011/0311116	A1	12/2011	Benn
2009/0303316	A1	12/2009	Iwasaki et al.	2012/0006950	A1	1/2012	Vandiver
2009/0316975	A1	12/2009	Kunz et al.	2012/0010469	A1	1/2012	Boyer
2009/0318757	A1	12/2009	Singh	2012/0029279	A1	2/2012	Kucklick
2009/0318758	A1	12/2009	Farr et al.	2012/0029290	A1	2/2012	Nishijima
				2012/0058457	A1	3/2012	Savitsky
				2012/0062714	A1	3/2012	Liu et al.
				2012/0065469	A1	3/2012	Allyn et al.
				2012/0071723	A1	3/2012	Ishigami et al.

(56)

References Cited

U.S. PATENT DOCUMENTS

2012/0078174 A1 3/2012 Tai et al.
2012/0084680 A1 4/2012 Gimpl et al.
2012/0086790 A1 4/2012 Takahira et al.
2012/0108960 A1 5/2012 Halmann et al.
2012/0130171 A1 5/2012 Barak et al.
2012/0131488 A1 5/2012 Karlsson et al.
2012/0136212 A1 5/2012 Komukai et al.
2012/0172665 A1 7/2012 Allyn et al.
2012/0197078 A1 8/2012 Stanley
2012/0197086 A1 8/2012 Morris et al.
2012/0242814 A1 9/2012 Kubala et al.
2012/0316515 A1 12/2012 Terry
2013/0007668 A1 1/2013 Liu et al.
2013/0027533 A1 1/2013 McDowell
2013/0030249 A1 1/2013 Vazales et al.
2013/0035589 A1 2/2013 Besz et al.
2013/0066150 A1 3/2013 Lee et al.
2013/0067397 A1 3/2013 Kirschner et al.
2013/0103000 A1 4/2013 Vogelbaum et al.
2013/0128020 A1 5/2013 Fujimori
2013/0155591 A1 6/2013 Yamaguchi et al.
2013/0162789 A1 6/2013 Chou et al.
2013/0169777 A1 7/2013 Zen
2013/0172678 A1 7/2013 Kennedy, II et al.
2013/0177222 A1 7/2013 Tridandapani et al.
2013/0184584 A1 7/2013 Berkey
2013/0184683 A1 7/2013 Chow et al.
2013/0188030 A1 7/2013 Igarashi
2013/0197484 A1 8/2013 Seddon et al.
2013/0198687 A1 8/2013 Bird et al.
2013/0216112 A1 8/2013 Graessner
2013/0231533 A1 9/2013 Papademetriou et al.
2013/0237755 A1 9/2013 Singh
2013/0245568 A1 9/2013 Kerr
2013/0250061 A1 9/2013 Hofer
2013/0250079 A1 9/2013 Nakamura et al.
2013/0253348 A1 9/2013 Tremper

2013/0265403 A1 10/2013 Okawa et al.
2013/0271588 A1 10/2013 Kirma et al.
2013/0303849 A1 11/2013 Allyn et al.
2013/0317300 A1 11/2013 Berci et al.
2013/0324968 A1 12/2013 Klein
2014/0052475 A1 2/2014 Madan et al.

FOREIGN PATENT DOCUMENTS

EP 1709899 A1 10/2006
JP 08191440 7/1996
JP 2008194334 A 8/2008
WO 200167964 A2 9/2001
WO 02/055126 A2 7/2002
WO 2005102175 A2 11/2005
WO 2006070360 A1 7/2006
WO 2006071948 A2 7/2006
WO 2009049322 A2 4/2009
WO 2010066788 A2 6/2010
WO 2010123858 A2 10/2010
WO 2011018812 A1 2/2011
WO 2011126812 A1 10/2011
WO 2012033936 A2 3/2012

OTHER PUBLICATIONS

Kfouri et al, "Toward a Miniaturized Wireless". IEEE Journal of Selected Topics in Quantum Electronics, vol. 14, No. 1, Jan./Feb. 2008, pp. 226-234.
1000 Icons, Symbols + Pictograms: Visual Communication for Every Language, Rockport Publishers, Gloucester, MA 2006, p. 89.
Logo Lounge, by Bill Gardner and Catharine Fishel, Rockport Publishers, Gloucester, MA 2003, p. 131.
Logo Lounge 2, by Bill Gardner and Catherine Fishel, Rockport Publishers, Gloucester, MA 2005, pp. 92 and 112.
Symbol Sourcebook, by Henry Dreyfuss, Van Nostrand Reinhold Company, New York, NY, 1972, p. 118.

* cited by examiner

FIG. 1

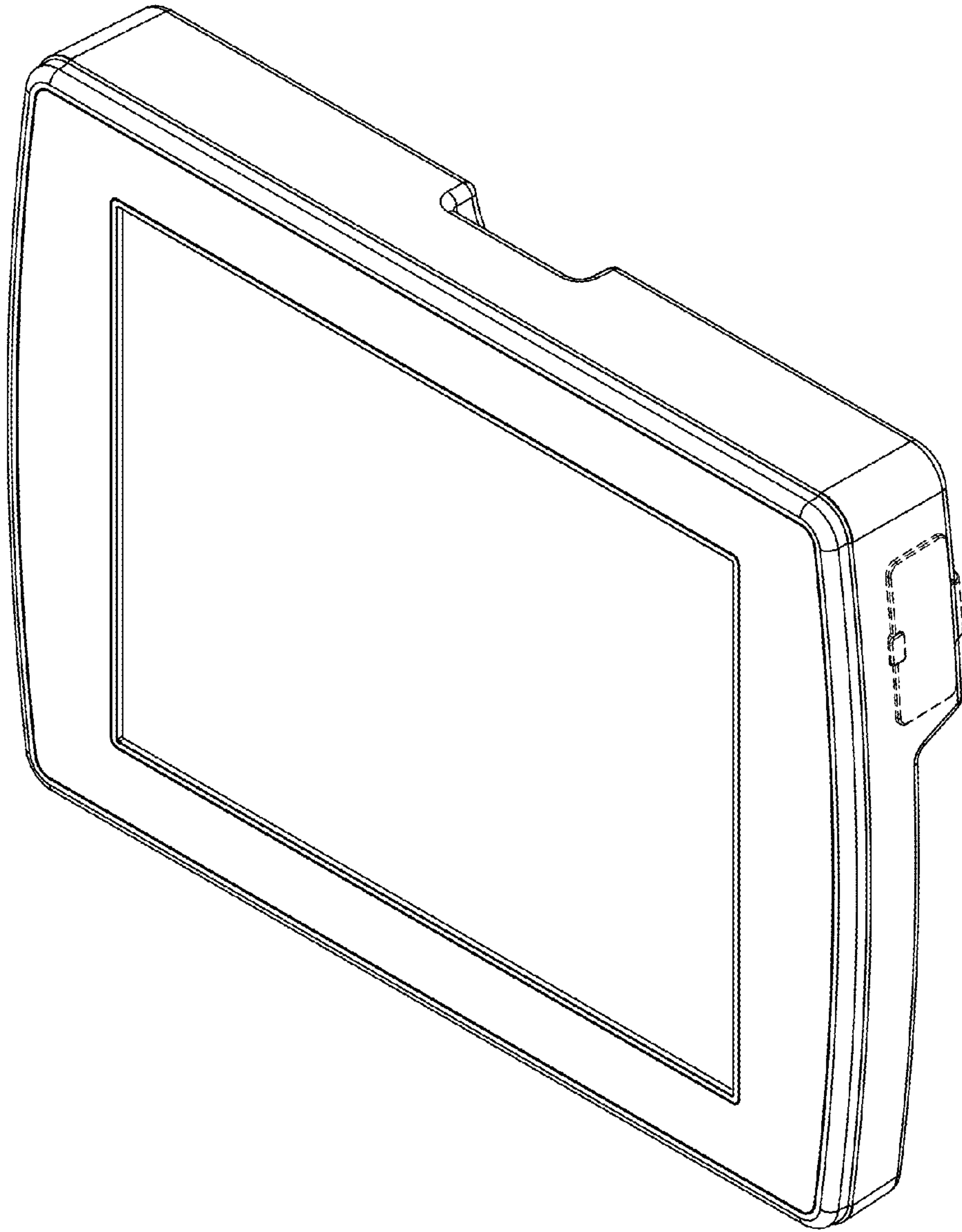
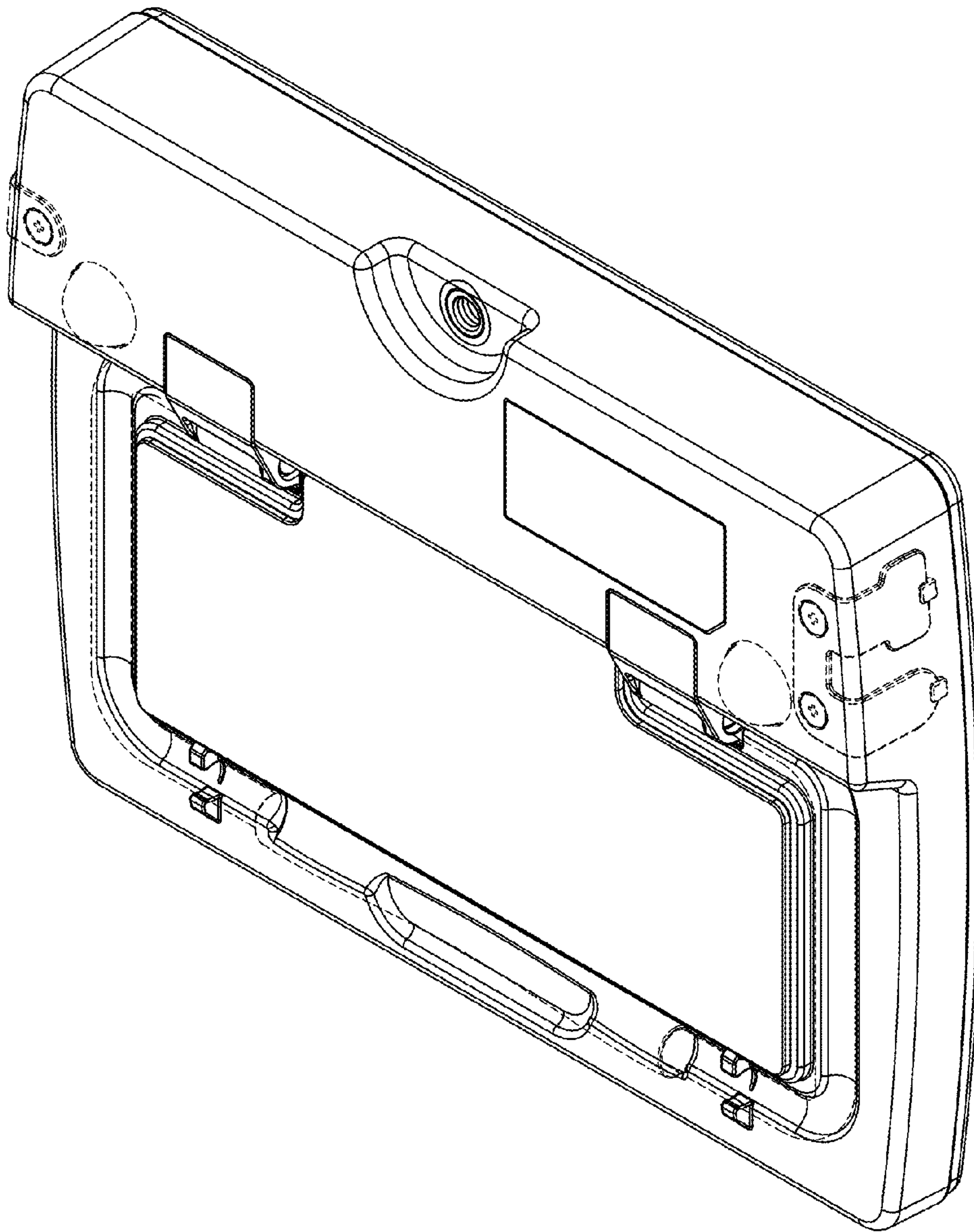


FIG. 2



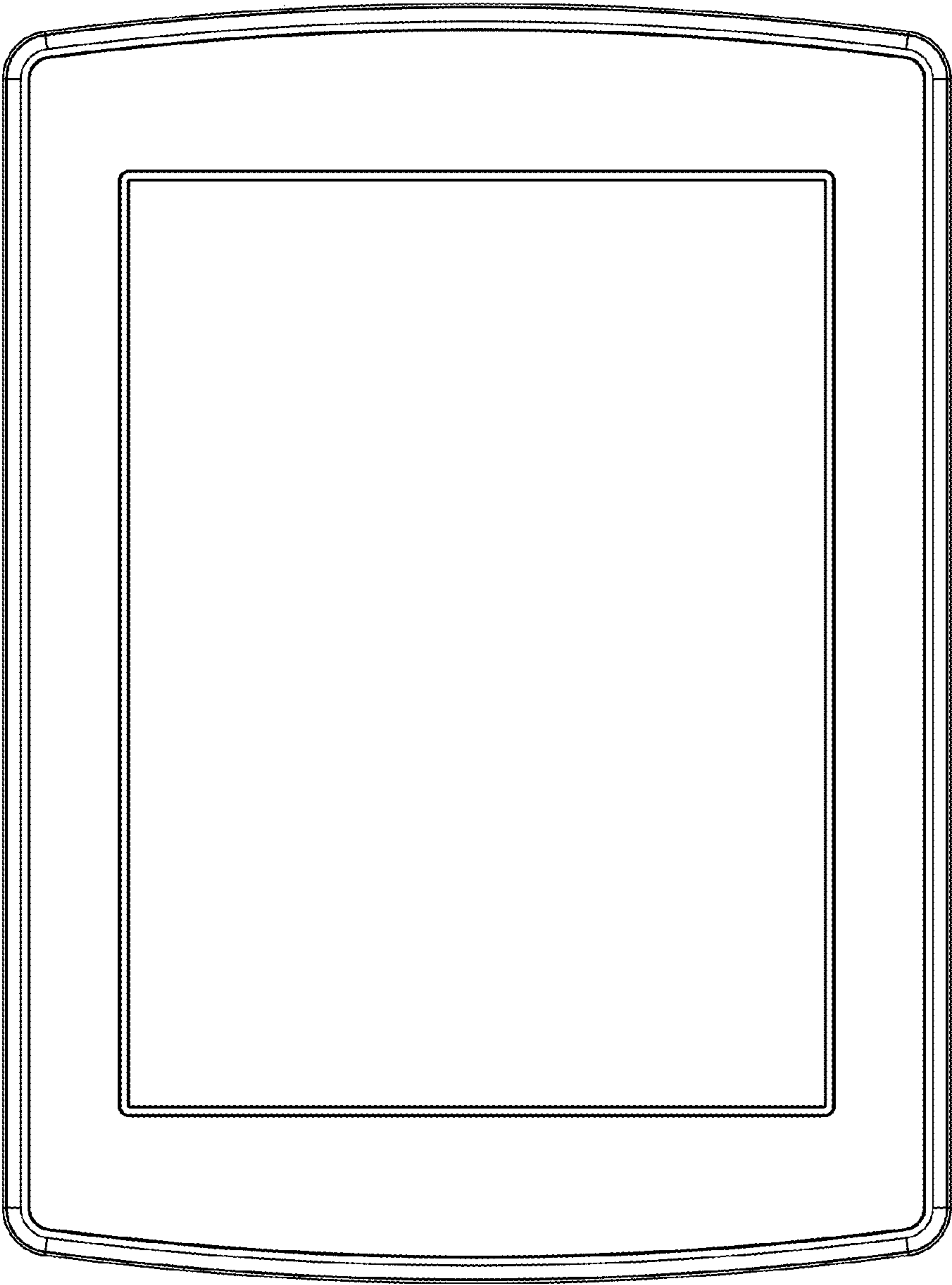


FIG. 3

FIG. 4

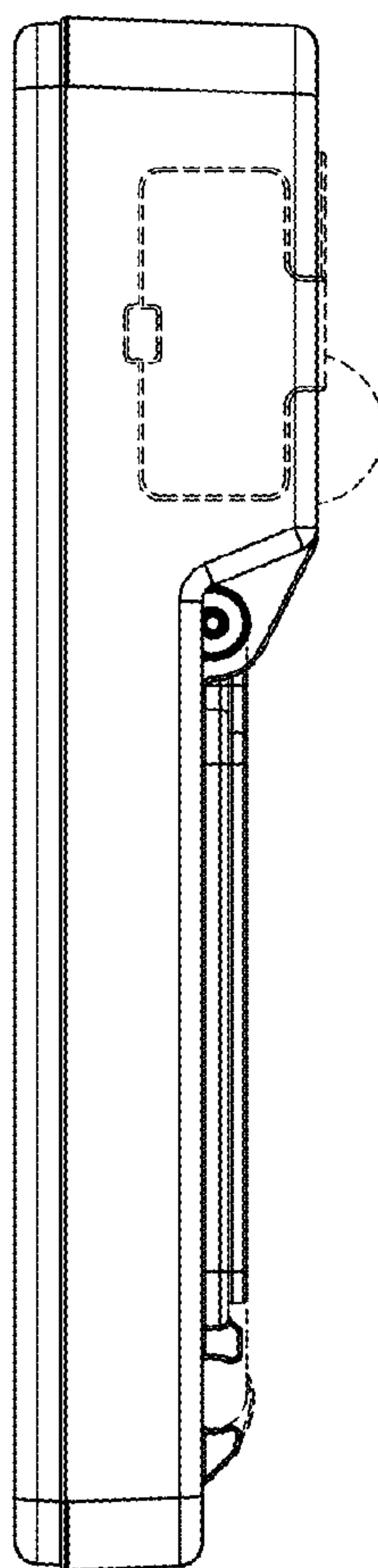
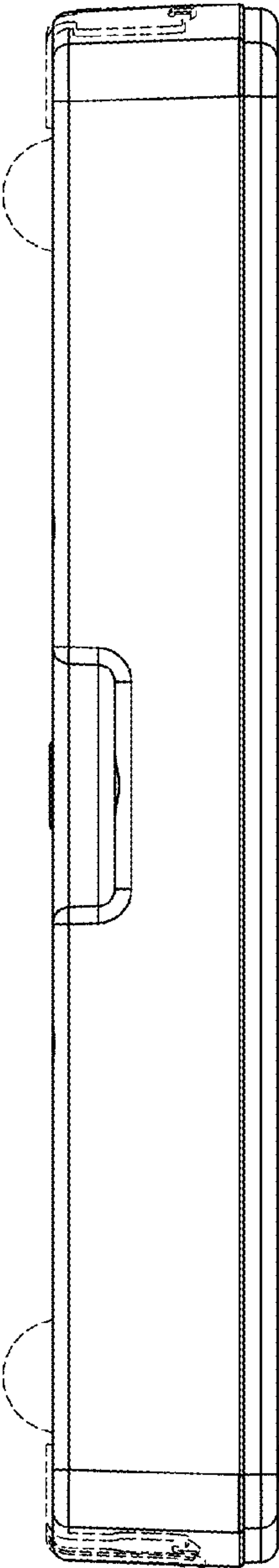


FIG. 5



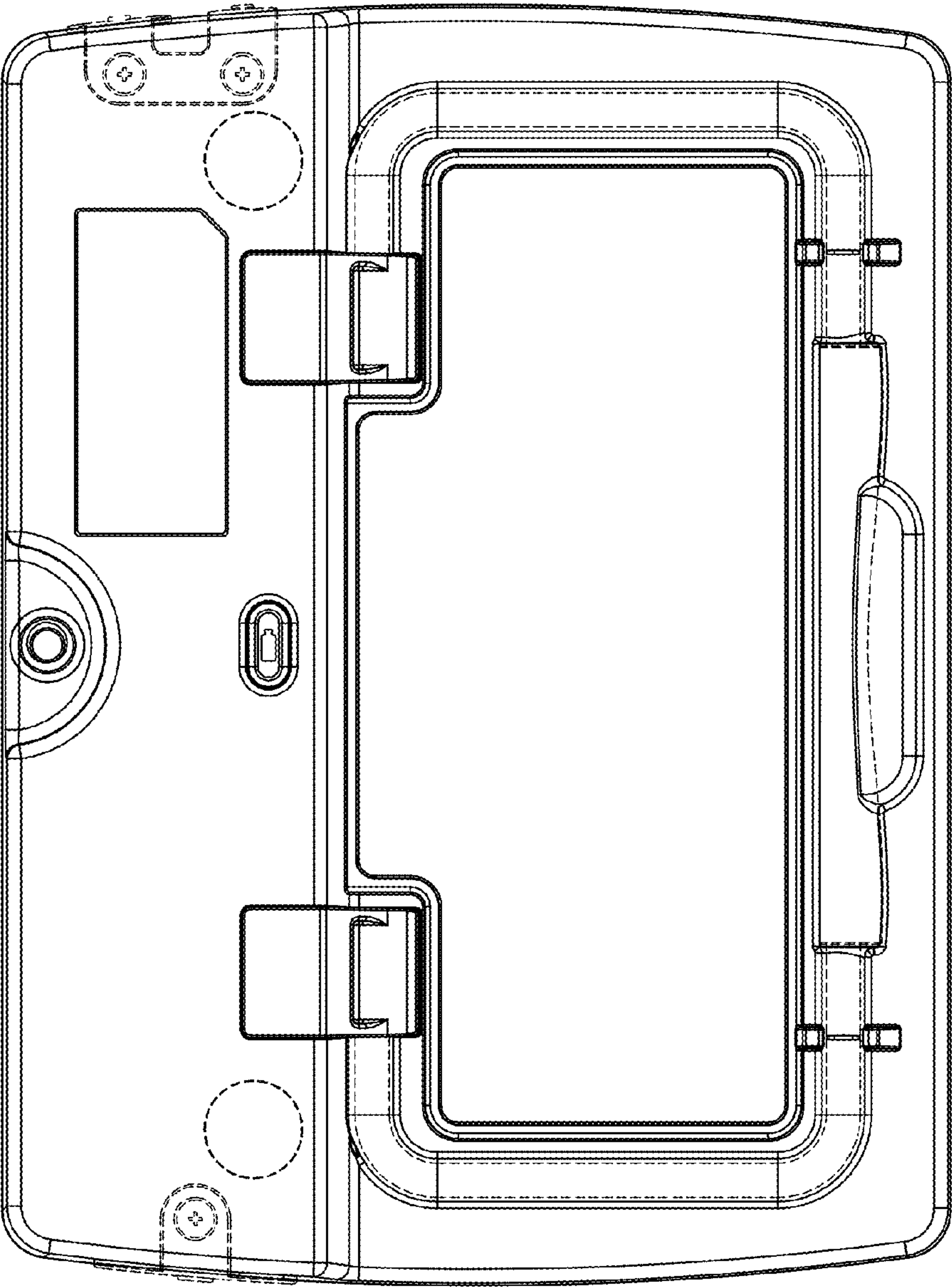


FIG. 6

FIG. 7

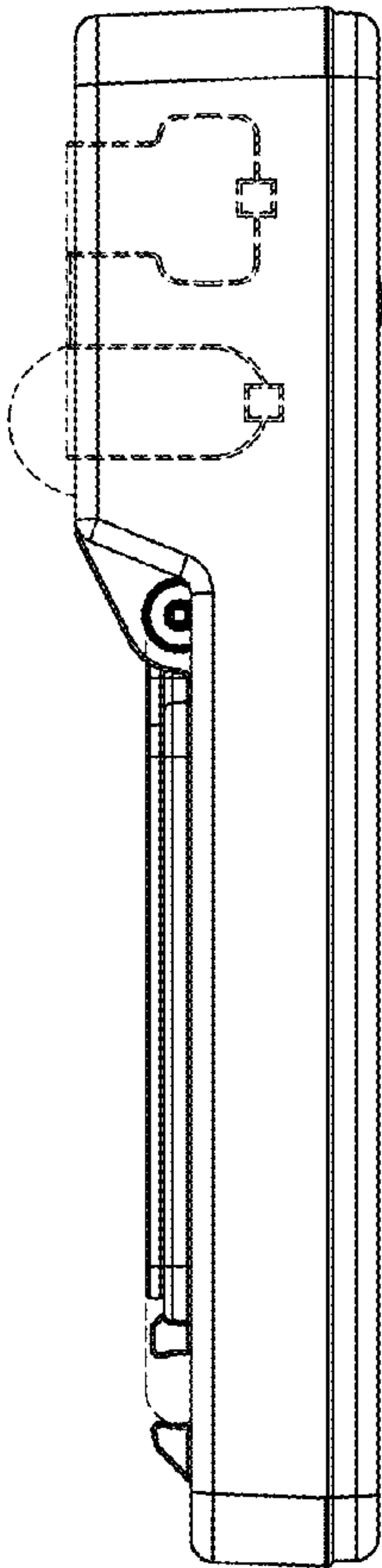


FIG. 8

