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

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(54) **GAMING MACHINE WITH CURVED DISPLAY**

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(71) Applicant: **Bally Gaming, Inc.**, Las Vegas, NV (US)

(57) **CLAIM**

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The ornamental design for a “gaming machine with curved display”, as shown and described.

(73) Assignee: **BALLY GAMING, INC.**, Las Vegas, NV (US)

**DESCRIPTION**

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

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(58) **Field of Classification Search**  
USPC ..... D21/369, 370, 371, 385, 329, 325, 394;  
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(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

2,661,954 A 12/1953 Koci  
D236,720 S 9/1975 Baker  
(Continued)

**FOREIGN PATENT DOCUMENTS**

EP 0 649 671 A1 4/1995  
JP 03210172 B2 2/1993  
(Continued)

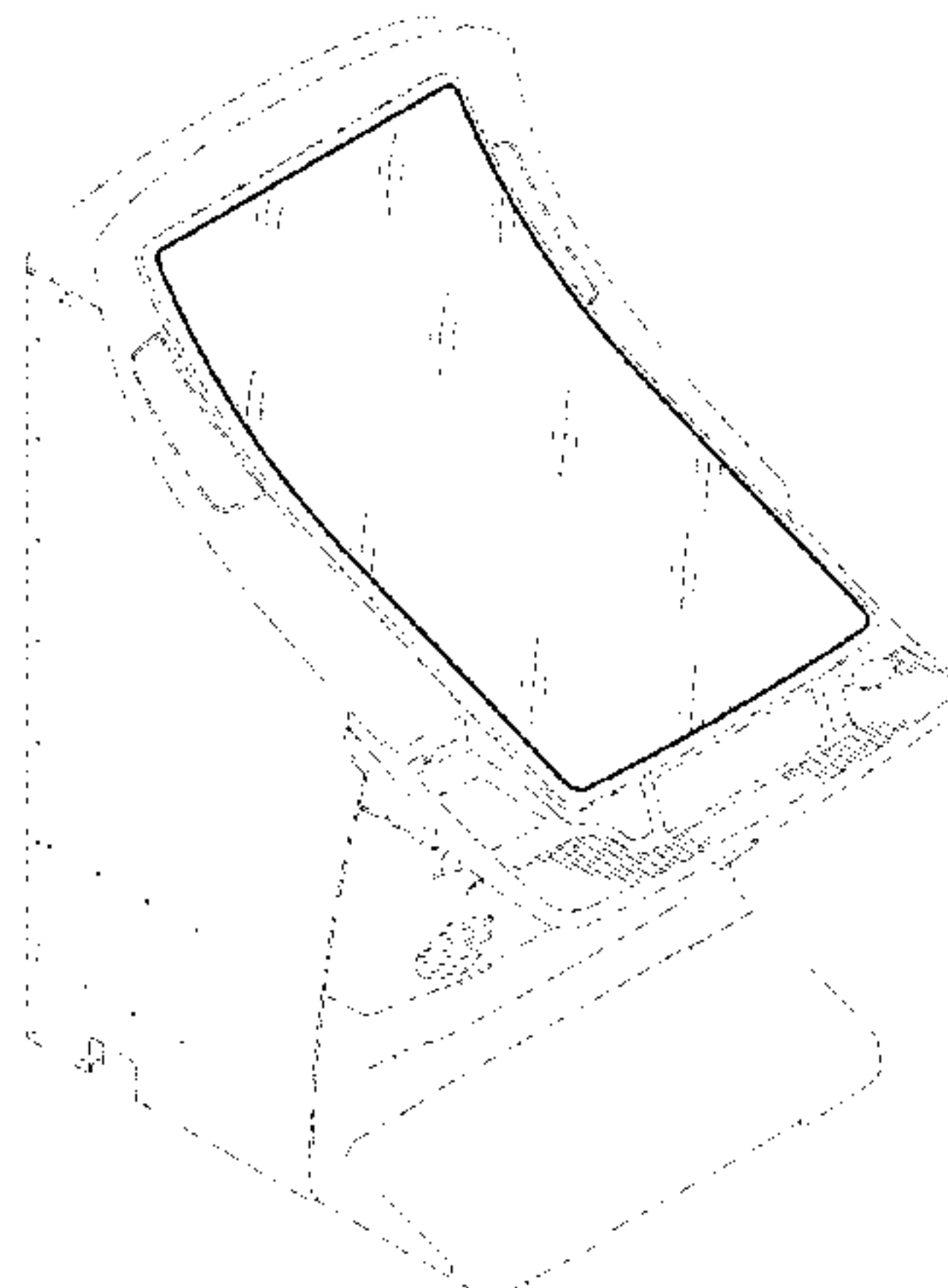
**OTHER PUBLICATIONS**

Photonics industry and Technology Development Association (PIDA);  
“E-Paper Shows Potential at Creating a Paperless Haven”; OptoLink  
Magazine, 3 Quarter 2008; pp. 8-11 (4 pages).  
(Continued)

FIG. 1 is a left isometric view of a gaming machine with curved display, according to a first embodiment;  
FIG. 2 is a right isometric view of the gaming machine with curved display shown in FIG. 1;  
FIG. 3 is a left side view of the gaming machine with curved display shown in FIG. 1;  
FIG. 4 is a front view of the gaming machine with curved display shown in FIG. 1;  
FIG. 5 is a right side view of the gaming machine with curved display shown in FIG. 1;  
FIG. 6 is a top view of the gaming machine with curved display shown in FIG. 1;  
FIG. 7 is a left isometric view of a gaming machine with curved display, according to a second embodiment;  
FIG. 8 is a right isometric view of the gaming machine with curved display shown in FIG. 7;  
FIG. 9 is a left side view of the gaming machine with curved display shown in FIG. 7;  
FIG. 10 is a front view of the gaming machine with curved display shown in FIG. 7;  
FIG. 11 is a right side view of the gaming machine with curved display shown in FIG. 7, and,  
FIG. 12 is a top view of the gaming machine with curved display shown in FIG. 7.

The broken lines are included for the purpose of illustrating portions of the gaming machine with curved display that form no part of the claimed design. The oblique line shading on the curved display depicts a transparent, translucent, highly polished or reflective surface.

**1 Claim, 8 Drawing Sheets**



(58) **Field of Classification Search**  
 USPC ..... D14/439, 432, 450, 128, 375; 463/28,  
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 D19/60; D16/226; D8/336, 331, 334;  
 D26/141  
 CPC ..... G07F 17/32; G07F 17/34; G07F 17/3211;  
 G07F 17/3244; G07F 17/3267  
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D238,379 S	1/1976	Miller	5,516,103 A	5/1996	Lawlor
3,943,282 A *	3/1976	Muntz ..... H04N 9/3141 348/783	5,522,641 A	6/1996	Infanti
4,046,419 A	9/1977	Schmitt	5,524,887 A	6/1996	Trudeau
D264,485 S	5/1982	Kitchen	5,533,726 A	7/1996	Nordman
4,372,557 A	2/1983	Del Principe	5,542,748 A	8/1996	Barlie
4,373,725 A	2/1983	Ritchie	D376,391 S	12/1996	Okumura
D275,772 S	10/1984	Akopian	5,580,052 A	12/1996	Popadiuk
D280,835 S	10/1985	Berge	5,632,482 A	5/1997	Anghelo
D280,836 S	10/1985	Ludzia	D380,014 S	6/1997	Yang
4,606,545 A	8/1986	Ritchie	5,655,965 A	8/1997	Takemoto
4,705,274 A	11/1987	Lubeck	5,664,777 A	9/1997	Nordman
4,840,343 A	6/1989	Gasser	5,669,818 A	9/1997	Thorner
4,861,037 A	8/1989	Oursler	5,678,886 A	10/1997	Infanti
4,960,117 A	10/1990	Moncrief	5,697,612 A	12/1997	Piotrowski
4,981,298 A	1/1991	Lawlor	5,704,835 A	1/1998	Dietz, II
D315,110 S	3/1991	Slater	5,707,059 A	1/1998	Sullivan
5,015,189 A	5/1991	Wenzinger	5,720,480 A	2/1998	Lawlor
D318,660 S	7/1991	Weber	D395,463 S	6/1998	Scott
5,074,558 A	12/1991	Bleich	5,762,617 A	6/1998	Infanti
5,083,738 A	1/1992	Infanti	5,791,731 A	8/1998	Infanti
5,091,677 A	2/1992	Bleich	5,806,851 A	9/1998	Gomez
5,102,192 A	4/1992	Barile	5,820,460 A	10/1998	Fulton
5,110,120 A	5/1992	Smolucha	5,833,236 A	11/1998	Gutsier
5,114,112 A	5/1992	Infanti	D405,473 S	2/1999	Tikhonski
5,120,058 A	6/1992	Trudeau	D407,759 S	4/1999	Isetani
5,123,647 A	6/1992	Lawlor	D408,366 S	4/1999	Popadiuk
5,143,055 A	9/1992	Eakin	5,890,715 A	4/1999	Gomez
5,149,094 A	9/1992	Tastad	5,899,454 A	5/1999	Eddy
D333,164 S	2/1993	Kraft	5,924,690 A	7/1999	Kopera
5,193,807 A	3/1993	Schilling	5,934,672 A	8/1999	Sines
5,195,746 A	3/1993	Boyd	5,938,195 A	8/1999	Anghelo
D335,150 S	4/1993	Biagi	5,944,309 A	8/1999	Popadiuk
5,226,653 A	7/1993	Bil	D417,145 S	11/1999	McLaughlin
5,232,191 A	8/1993	Infanti	5,984,782 A	11/1999	Inoue
5,290,034 A	3/1994	Hinman	6,000,697 A	12/1999	Popadiuk
5,297,793 A	3/1994	Demar	D419,201 S	1/2000	De Haas
5,316,303 A	5/1994	Trudeau	D419,606 S	1/2000	Toriyama
5,322,283 A	6/1994	Ritchie	6,036,188 A	3/2000	Gomez
5,326,104 A	7/1994	Pease	6,047,962 A	4/2000	Popadiuk
5,350,174 A	9/1994	Ritchie	6,047,963 A	4/2000	Pierce
D351,869 S	10/1994	Rothschild	D424,122 S	5/2000	Dickenson
5,351,954 A	10/1994	Oursler	6,071,190 A	6/2000	Weiss
5,357,104 A	10/1994	Bleich	D428,062 S	7/2000	Hayashi
5,358,241 A	10/1994	Anghelo	6,089,663 A	7/2000	Hill
5,358,242 A	10/1994	Trudeau	6,102,394 A	8/2000	Wurz
5,358,243 A	10/1994	Eddy	6,113,097 A	9/2000	Krutsch
D352,738 S	11/1994	Anghelo	6,117,010 A	9/2000	Cantebury
5,383,663 A	1/1995	Anghelo	6,120,021 A	9/2000	Piotrowski
5,405,144 A	4/1995	Ritchie	6,129,353 A	10/2000	DeMar
5,409,296 A	4/1995	Barlie	6,129,355 A	10/2000	Hahn
5,411,257 A	5/1995	Fulton	6,135,449 A	10/2000	Cornell
5,415,402 A	5/1995	Morrison	6,135,562 A	10/2000	Heanti
5,415,403 A	5/1995	Ritchie	6,149,153 A	11/2000	Sheats, Jr.
5,417,423 A	5/1995	Oursler	6,155,565 A	12/2000	Gomez
5,417,425 A	5/1995	Blumberg	6,155,925 A	12/2000	Giobbi
5,437,453 A	8/1995	Hinman	6,158,737 A	12/2000	Cornell
5,465,963 A	11/1995	Patla, Sr.	6,159,098 A	12/2000	Slomiany
5,472,197 A	12/1995	Gwiasda	6,164,644 A	12/2000	Cornell
5,494,286 A	2/1996	DeMar	6,173,955 B1	1/2001	Perrie
5,507,488 A	4/1996	Eddy	6,199,861 B1	3/2001	Hume
5,511,783 A	4/1996	Popadiuk	D439,931 S	4/2001	Yamaguchi
			6,210,279 B1	4/2001	Dickinson
			6,224,482 B1	5/2001	Bennett
			6,227,614 B1	5/2001	Rubin
			6,227,970 B1	5/2001	Shimizu
			D443,313 S	6/2001	Brettschneider
			D446,252 S	8/2001	Yamaguchi
			6,283,546 B1	9/2001	Hill
			6,290,229 B1	9/2001	Perez
			D450,094 S	11/2001	Hedrick
			6,334,612 B1	1/2002	Wurz
			6,354,660 B1	3/2002	Friedrich
			D459,402 S	6/2002	Wurz
			6,422,670 B1	7/2002	Hedrick
			6,422,941 B1	7/2002	Thorner
			6,439,993 B1	8/2002	O'Halloran
			D463,504 S	9/2002	Stephen
			D464,377 S	10/2002	Wurz
			D465,813 S	11/2002	Randall



(56)

References Cited

U.S. PATENT DOCUMENTS

D466,160 S	11/2002	Hirato	7,503,849 B2	3/2009	Hornik	
D467,977 S	12/2002	Gatto	D590,025 S	4/2009	Fiore	
D468,364 S	1/2003	Beadell	D594,068 S	6/2009	Hsu	
6,530,842 B1	3/2003	Wells	D596,678 S	7/2009	Myers	
6,530,872 B2	3/2003	Freshland	D599,365 S	9/2009	Brown	
6,572,187 B2	6/2003	Laufer	D599,858 S *	9/2009	Lesley	D21/370
6,589,114 B2	7/2003	Rose	D599,859 S	9/2009	Lesley	
6,609,972 B2	8/2003	Seelig	D599,860 S	9/2009	Lesley	
6,616,142 B2	9/2003	Adams	D601,638 S	10/2009	Palmisano	
6,620,047 B1	9/2003	Alcorn	D604,368 S	11/2009	Lesley	
D481,078 S	10/2003	Stephan	7,628,693 B2	12/2009	Thomas	
6,646,695 B1	11/2003	Gauselmann	7,666,085 B2	2/2010	Vorias	
6,652,378 B2	11/2003	Cannon	7,686,689 B2	3/2010	Thomas	
D483,075 S	12/2003	Kang	D613,802 S	4/2010	Meyers	
D484,548 S	12/2003	Franco Muñoz	D615,598 S	5/2010	McComb	
D485,583 S	1/2004	Porto	7,713,119 B2	5/2010	Pacey	
6,715,756 B2	4/2004	Inoue	D622,780 S	8/2010	Lesley	
6,729,618 B1	5/2004	Koenig	D622,781 S	8/2010	Lesley	
D492,363 S	6/2004	Seelig	D622,782 S	8/2010	Lesley	
D492,364 S	6/2004	Seelig	D626,182 S	10/2010	Cole	
D492,365 S	6/2004	Muñoz et al.	D626,183 S	10/2010	Cole	
D492,676 S	7/2004	Monson	7,811,167 B2	10/2010	Giobbi	
D493,843 S	8/2004	Jackson	D631,060 S	1/2011	Flik	
D493,846 S	8/2004	Seelig	D631,100 S	1/2011	Palmisano	
D495,754 S	9/2004	Wurz	D633,950 S	3/2011	Terpstra	
D495,755 S	9/2004	Wurz	D637,238 S	5/2011	O'Keene	
D498,267 S	11/2004	Crouch	D637,652 S	5/2011	Tahara	
D500,098 S	12/2004	Doi	7,938,728 B2	5/2011	Vetter	
6,880,825 B2	4/2005	Seelig	7,955,176 B2	6/2011	Tastad	
D505,162 S	5/2005	Bristol	D641,047 S	7/2011	Tahara	
D508,268 S	8/2005	Hanchar	7,976,393 B2	7/2011	Haga	
D508,269 S	8/2005	Wichinsky	7,985,139 B2	7/2011	Lind	
D508,719 S	8/2005	de Haas	8,002,424 B2	8/2011	Hwang	
D508,961 S	8/2005	Gatto	8,002,626 B2	8/2011	Englman	
D509,254 S	9/2005	Rasmussen	D646,336 S *	10/2011	Kelly	D21/329
D509,255 S	9/2005	Bristol	D646,337 S *	10/2011	Kelly	D21/329
D512,105 S	11/2005	Chitrapongse	D646,691 S	10/2011	Thai	
D513,511 S	1/2006	Decombe	D649,605 S	11/2011	Terpstra	
D515,144 S	2/2006	Boyd	D651,608 S	1/2012	Allen	
6,997,810 B2	2/2006	Cole	8,152,623 B2	4/2012	Fiden	
D520,504 S	5/2006	Martin	8,162,740 B2	4/2012	Aoki	
7,063,615 B2	6/2006	Alcorn	8,216,061 B2	7/2012	Pacey	
7,108,237 B2	9/2006	Gauselmann	8,267,764 B1	9/2012	Aoki	
D531,677 S	11/2006	Mallory	D669,076 S	10/2012	Haller	
7,184,277 B2	2/2007	Beirne	8,292,451 B2	10/2012	Hwang	
D537,885 S	3/2007	Gadda	8,303,420 B2	11/2012	Chudek	
D539,854 S	4/2007	Luciano	8,305,743 B2	11/2012	Wu	
D540,398 S	4/2007	Gadda	8,323,114 B2	12/2012	Burak	
D546,893 S	7/2007	Yamashita	D673,620 S	1/2013	Johnson	
7,247,098 B1	7/2007	Bradford	8,353,755 B2	1/2013	Vann	
D548,801 S	8/2007	Groswirt	8,371,920 B2	2/2013	Gomez	
D549,785 S	8/2007	Luciano, Jr.	8,371,927 B2	2/2013	Englman	
7,267,612 B2	9/2007	Alcorn	8,371,928 B2	2/2013	Englman	
D554,710 S	11/2007	Malone	8,376,832 B2	2/2013	O'Connor	
D556,765 S	12/2007	Evans	D678,955 S	3/2013	Lesley	
D557,748 S	12/2007	Jumper	D678,956 S	3/2013	Lesley	
D559,328 S	1/2008	Rasmussen	D678,957 S	3/2013	Cesaroni	
D559,917 S	1/2008	Cole	D678,958 S	3/2013	Cesaroni	
D560,724 S *	1/2008	Johnson	D681,130 S *	4/2013	Lesley	D21/385
D560,725 S *	1/2008	Johnson	8,430,756 B2	4/2013	McComb	
D563,326 S	3/2008	Patel	D682,948 S *	5/2013	Cesaroni	D21/385
D563,481 S	3/2008	Looks	D685,033 S *	6/2013	Wudtke	D21/370
D564,600 S	3/2008	Greenberg	D691,665 S	10/2013	Chudek	
D564,601 S	3/2008	Strahinic	D691,666 S *	10/2013	Lesley	D21/370
D566,197 S	4/2008	Greenberg	D693,343 S	11/2013	Haller	
D569,863 S	5/2008	Feldstein	D697,558 S	1/2014	Myers	
D572,314 S	7/2008	Vallejo	D704,273 S	5/2014	Chudek	
D573,417 S *	7/2008	Osbourn	D704,275 S *	5/2014	Lesley	D21/370
D578,168 S	10/2008	Looks	D706,741 S *	6/2014	Myers	D14/172
D581,983 S	12/2008	Bergstrom	D707,646 S *	6/2014	Kim	D14/138 G
RE40,625 E	1/2009	Wurz	D712,975 S *	9/2014	Lesley	D21/369
7,479,066 B2	1/2009	Emori	D713,811 S *	9/2014	Isaacs	D14/138 AA
D587,272 S	2/2009	Morrow	D714,269 S *	9/2014	Lee	D14/248
D587,319 S	2/2009	Moises Deiab	D714,270 S *	9/2014	Lee	D14/248
RE40,671 E	3/2009	Wurz	D714,271 S *	9/2014	Lee	D14/248
			D714,875 S	10/2014	Wudtke	
			D715,364 S	10/2014	Wudtke	
			D716,246 S *	10/2014	Yun	D14/138 R
			D719,615 S *	12/2014	Inoue	D21/370



(56)

## References Cited

## U.S. PATENT DOCUMENTS

D719,616	S *	12/2014	Inoue	.....	D21/370
8,982,545	B2	3/2015	Kim		
D726,140	S *	4/2015	Park	.....	D14/138 R
D730,993	S	6/2015	Castro		
D733,088	S *	6/2015	Garneau	.....	D14/172
D736,751	S *	8/2015	Lee	.....	D14/248
D736,752	S *	8/2015	Lee	.....	D14/248
D740,888	S *	10/2015	DePalma	.....	D21/370
D742,974	S *	11/2015	Lesley	.....	D21/369
D742,975	S *	11/2015	Myers	.....	D21/370
D744,579	S *	12/2015	Cope	.....	D16/241
D747,718	S *	1/2016	Drabant	.....	D14/371
D760,846	S	7/2016	Castro		
D762,613	S *	8/2016	Garneau	.....	D14/172
RE46,169	E *	10/2016	Kelly	.....	G07F 17/34
					D21/329
D770,406	S *	11/2016	Fleming, Jr.	.....	D14/125
D786,242	S *	5/2017	Ho	.....	D14/127
2002/0041069	A1	4/2002	Steelman		
2003/0122973	A1	7/2003	Huang		
2004/0018877	A1	1/2004	Tastad		
2004/0029631	A1	2/2004	Duhamel		
2004/0053662	A1	3/2004	Pacey		
2005/0014547	A1	1/2005	Gomez		
2006/0009284	A1	1/2006	Schwartz		
2006/0034042	A1	2/2006	Hisano		
2006/0079316	A1	4/2006	Flemming		
2006/0131810	A1	6/2006	Nicely		
2006/0183553	A1	8/2006	Kiriyama		
2006/0199638	A1	9/2006	Walker		
2006/0281559	A1	12/2006	Luciano		
2006/0287111	A1	12/2006	Mitchell		
2008/0039213	A1	2/2008	Cornell		
2008/0051202	A1	2/2008	Lube		
2009/0174996	A1	7/2009	Park		
2010/0053231	A1	3/2010	Park		
2012/0122569	A1	5/2012	Kowolik		
2012/0168058	A1	7/2012	Kim		
2013/0180653	A1	7/2013	Kim		
2013/0278875	A1	10/2013	Kim		
2013/0321373	A1 *	12/2013	Yoshizumi	.....	G09G 5/00 345/211
2014/0055696	A1	2/2014	Lee		
2014/0092356	A1	4/2014	Ahn		
2014/0176856	A1	6/2014	Lee		
2014/0226111	A1	8/2014	Kim		
2014/0226112	A1	8/2014	Kim		
2014/0354938	A1	12/2014	Kim		
2014/0368782	A1	12/2014	Kim		
2014/0375936	A1	12/2014	Park		
2015/0000823	A1	1/2015	Kim		
2015/0036073	A1	2/2015	Im		
2015/0116621	A1	4/2015	Park		
2015/0116625	A1	4/2015	Hwang		
2015/0301390	A1	10/2015	Kim		

## FOREIGN PATENT DOCUMENTS

KR	10-1113734	2/2012
KR	10-2012-0051630	5/2012
KR	10-1268471	6/2013
KR	10-1278904	6/2013
KR	10-1336677	12/2013
KR	10-1381609	4/2014
KR	10-1381610	4/2014
KR	10-2015-0013987	2/2015
KR	10-1539221	7/2015
TW	200949775	12/2009

## OTHER PUBLICATIONS

AU Optronics Corp.; News Center: “AUO Announces Multiple Upcoming Innovations”; Oct. 27, 2008; retrieved from <<http://www.auo.com/?sn=107&lang=en-US&c=10&n=363>> on Mar. 3, 2017 (2 pages).

DigiTimes Inc.; “FPD China 2009: AUO 8.9-inch convex display panel”; Mar. 12, 2009; retrieved from <<http://www.digitimes.com/photogallery/showphoto.asp?ID=3376>> on Mar. 3, 2017 (3 pages).

Gizmodo.com; “AUO Curved Displays, Ultra Thin LCDs on the Way”; May 20, 2008; retrieved from <<http://gizmodo.com/392248/auo-curved-displays-ultra-thin-kds-on-the-way>> on Mar. 3, 2017 (2 pages).

PC World; “AU Optronics Shows off Curved LCD Screen”; May 20, 2008; retrieved from <<http://www.pcworld.com/article/146083/article.amp.html>> on Mar. 3, 2017 (3 pages).

DailyTech; “AUO Shows Off Curved Display and Touch Screen”; May 23, 2008; retrieved from <<http://www.dailytech.com/AUO+Shows+Off+Curved+Display+and+Touch+Scree+Tech/article11845.htm>> on Mar. 3, 2017 (2 pages).

OLED-Info; “LG Phillips LCD Develops 14.3-Inch Color E-Paper Display”; Jan. 4, 2008; retrieved from <[http://www.oled-info.com/lg/lg\\_philips\\_lcd\\_develops\\_14\\_3\\_inch\\_color\\_e\\_paper\\_display](http://www.oled-info.com/lg/lg_philips_lcd_develops_14_3_inch_color_e_paper_display)>; (2 pages).

NewLaunches.com; LG Phillips LCD develops world’s highest resolution 14.3-inch flexible color E-paper display!; Jan. 3, 2008; retrieved from <[http://newlaunches.com/archivesagphilips\\_lcd\\_develops\\_worlds\\_highest\\_resolution\\_143inch\\_flexible\\_color\\_epaper\\_display.php](http://newlaunches.com/archivesagphilips_lcd_develops_worlds_highest_resolution_143inch_flexible_color_epaper_display.php)> (4 pages).

Wood, M., Major, C., Carr, V. eds.; “Curved Screens: Worth It?” video found at <<https://www.nytimes.com/video/technology/personaltech/10000002788325/curved-screens-worth-it.html>>; New York Times; Mar. 26, 2014.

Immersaview; “Why choose a Curved Screen for your Multi-Projector Setup”; Jan. 28, 2016; retrieved from <<https://www.immersaview.com/resources/why-curved/>> (7 pages).

Denison; “Why can’t you buy a flat OLED yet? The curve isn’t just about viewing experience”; Digital Trends; Aug. 18, 2013; retrieved from <<http://www.digitaltrends.com/home-theater/why-did-the-us-get-stuck-with-curved-oled/#!zXypT>> (8 pages).

Willcox; “LG, Samsung, and Sony throw TV buyers a curve”; Consumer Reports; Sep. 10, 2013; retrieved from <<http://www.consumerreports.org/era/news/2013/09/curved-tv-screens/index.htm#>> (1 page).

Snider; “Sony tosses latest pitch for curved TV displays”; USA Today; Oct. 15, 2013; retrieved from <<http://www.usatoday.com/story/tech/personal/2013/10/15/new-curved-sony-led-hdtv/2982051/>> (2 pages).

Morrison; “Curved OLED HDTV screens are a bad idea (for now)”; CNET; Jun. 18, 2013; retrieved from <<https://www.cnet.com/news/curved-oled-hdtv-screens-are-a-bad-idea-for-now/>> (9 pages).

Cochran; “Why Samsung’s curved-screen TV might be a ‘game changer’”; CBS News; Aug. 14, 2013; retrieved from <<http://www.cbsnews.com/news/why-samsungs-curved-screen-tv-might-be-a-game-changer/>> (3 pages).

Kelly; “TV trends at CES: 4K, curves and smart TVs”; CNN; Jan. 8, 2014; retrieved from <<http://www.cnn.com/2014/01/07/tech/gaming-gadgets/ces-television-trends/>> (5 pages).

Manjoo; “TV Makers Are Out of Ideas”; Wall Street Journal; Jan. 8, 2014; retrieved from <<https://www.wsj.com/news/articles/SB10001424052702303393804579308801012230792>> (4 pages).

Daniel; “Curved Monitors—Overview”; Curved Monitor Test; Aug. 28, 2015; retrieved from <<http://www.curved-monitor-test.de/>> (5 pages).

Matthias; “Curved TV—Overview”; Curved TV Test; Apr. 20, 2016; retrieved from <<https://technikblog.net/fernseher-test/curved-tv/>> (16 pages, in German).

Ljt216; “Flat Screen vs Curved CRTs for Retro Games”; Reddit; Jul. 29, 2015; retrieved from <[https://www.reddit.com/r/gamecollecting/comments/3f25r0/flat\\_screen\\_vs\\_curved\\_crts\\_for\\_retro\\_games/](https://www.reddit.com/r/gamecollecting/comments/3f25r0/flat_screen_vs_curved_crts_for_retro_games/)> (4 pages).

Product Sheet for “American Eagle,” Eagle Co. Ltd., 1997 (2 pages).

Product Sheet for “Monopoly Chairman of the Board™,” WMS Gaming Inc., 1999 (2 pages).

(56)

**References Cited**

OTHER PUBLICATIONS

- Product Sheet for “American Eagle,” Eagle Co., Ltd., 2000 (2 pages).  
Product Sheet for “Survivor,” WMS Gaming Inc., 2001 (4 pages).  
Product Sheet for “ProSLOT®6000,” Bally Gaming Systems, 2002 (4 pages).  
Product Sheet for “EVO™ Hybrid,” Bally Gaming Systems, 2002 (4 pages).  
Product Sheet for “3RV™,” WMS Gaming Inc., 2002 or earlier (2 pages).  
Product Sheet for “Miss America,” AC Coin & Slot, 2002 or earlier (2 pages).  
Product Catalog for Ainsworth Game Technology Ltd, date estimated as early as 2007 (6 pages).  
Product Sheet for “Ultrapin™,” Global VR, 2007 (1 pages).  
Brochure for “Virtual Pinball,” Tab-Austria, 2007 (8 pages).  
Catalog for Atronic®—Spielo®, date estimated as early as 2008 (2 pages).  
Product Catalog for “Alpha Elite™,” Bally Technologies, date estimated as early as 2008-2009 (2 pages).  
Cabinet Brochure for Hydako Co., date estimated as early as 2009 (1 page).  
Product Catalog for Bally Technologies, date estimated as early as 2010 (2 pages).  
Fall & Winter Catalog for Aristocrat, date estimated as early as 2010-2011 (7 pages).  
Catalog for “Your Partner Innovation,” Bally Technologies, date estimated as early as 2011 (4 pages).

\* cited by examiner

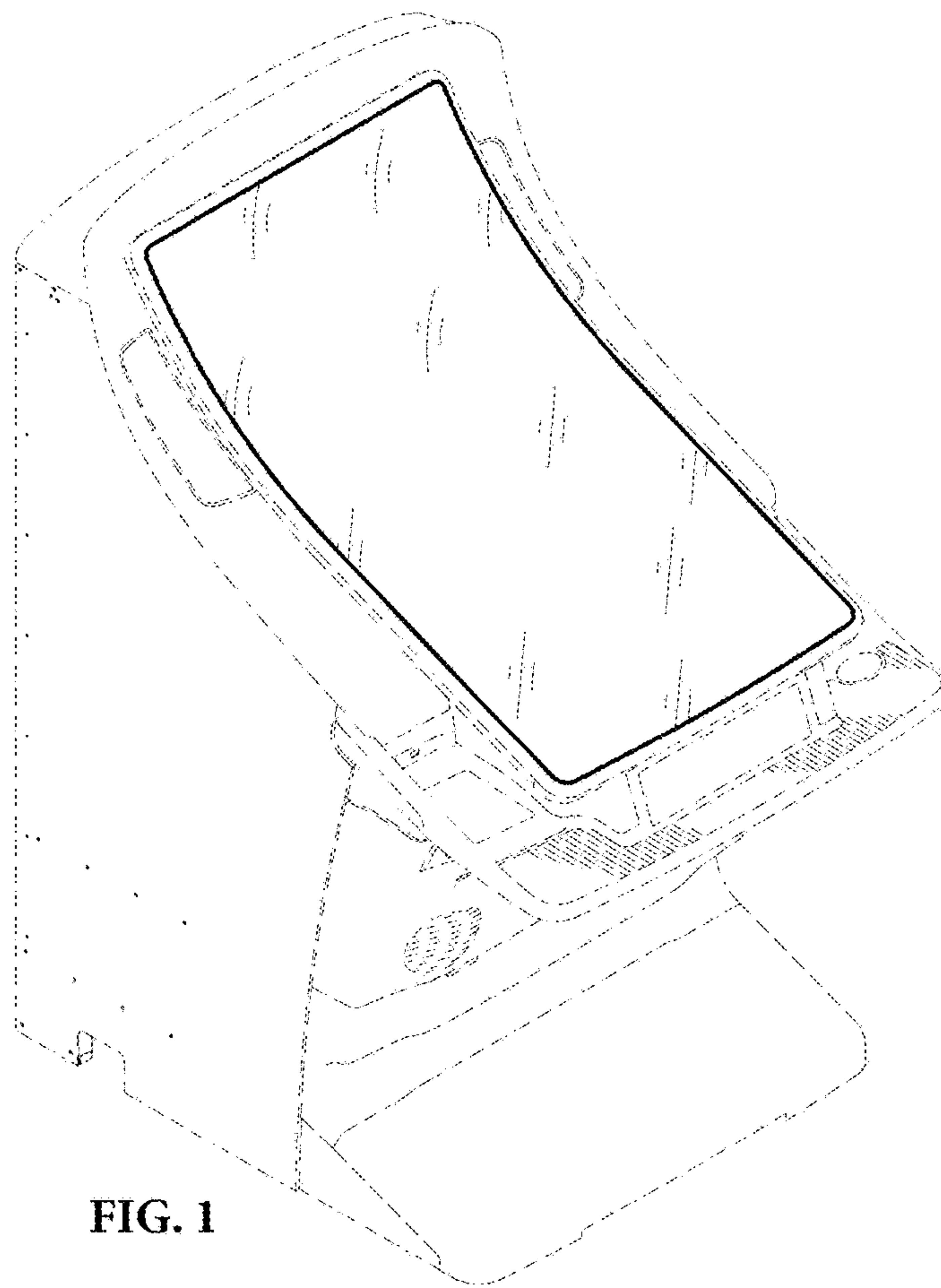


FIG. 1



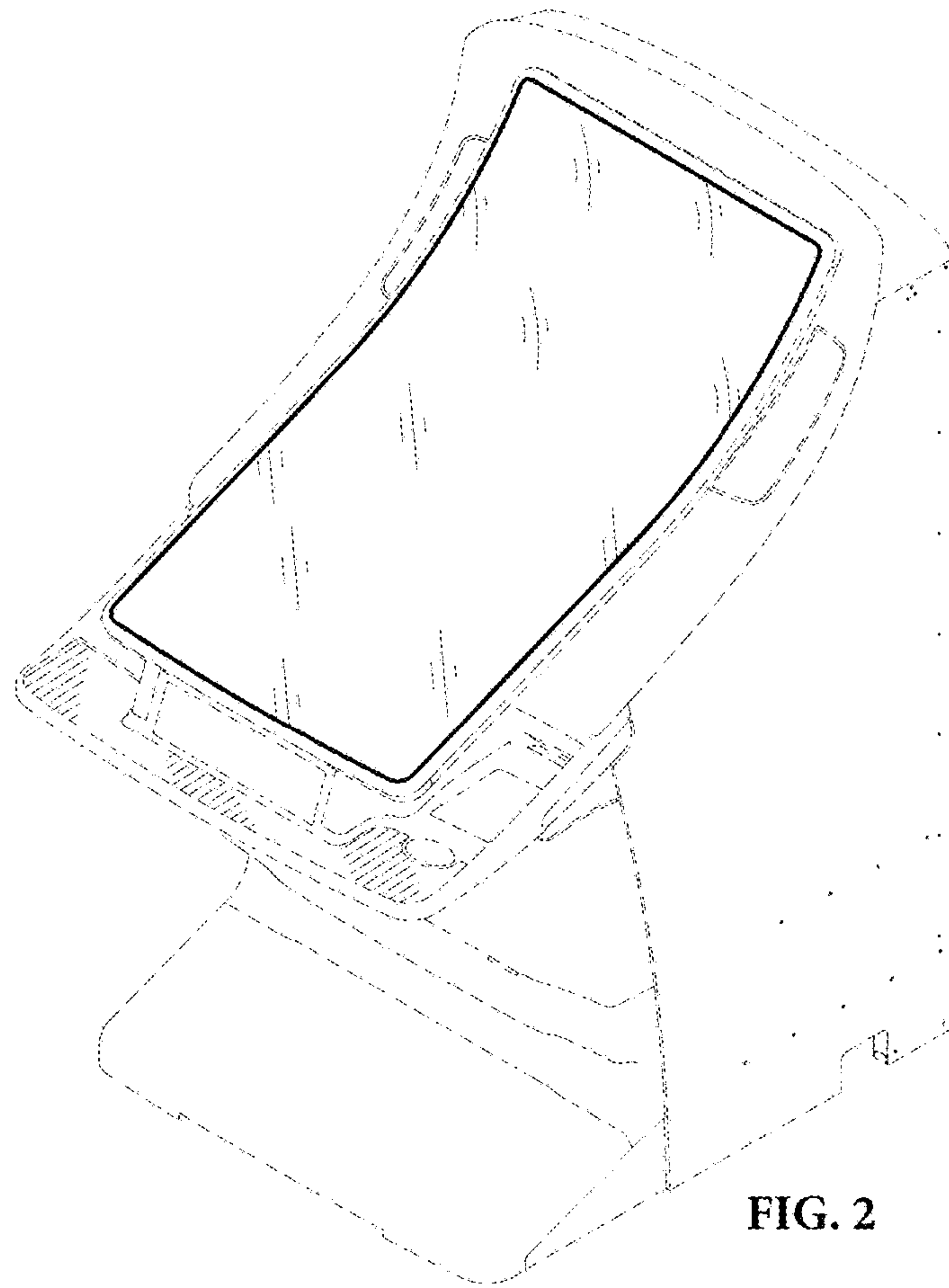


FIG. 2

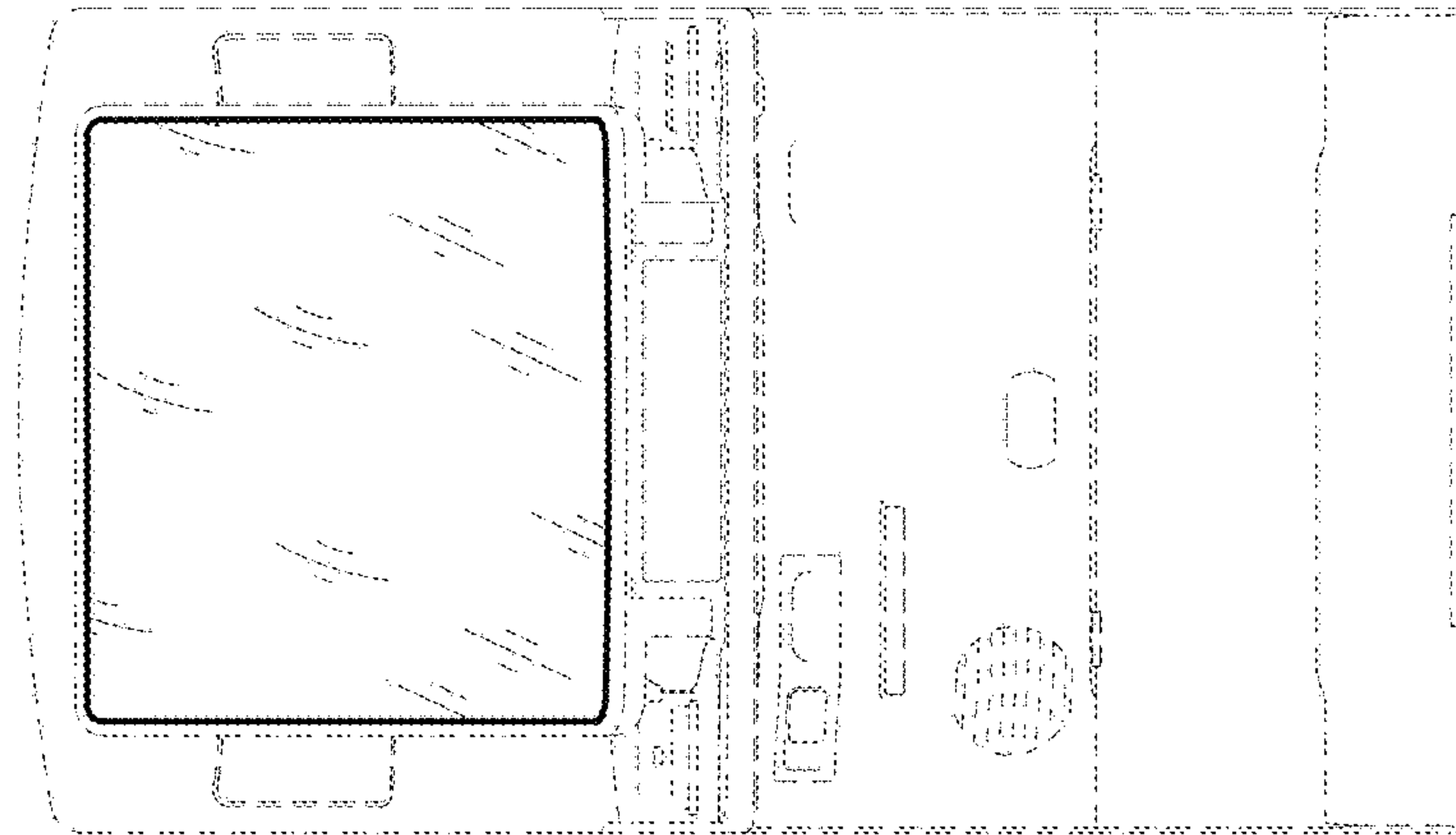


FIG. 4

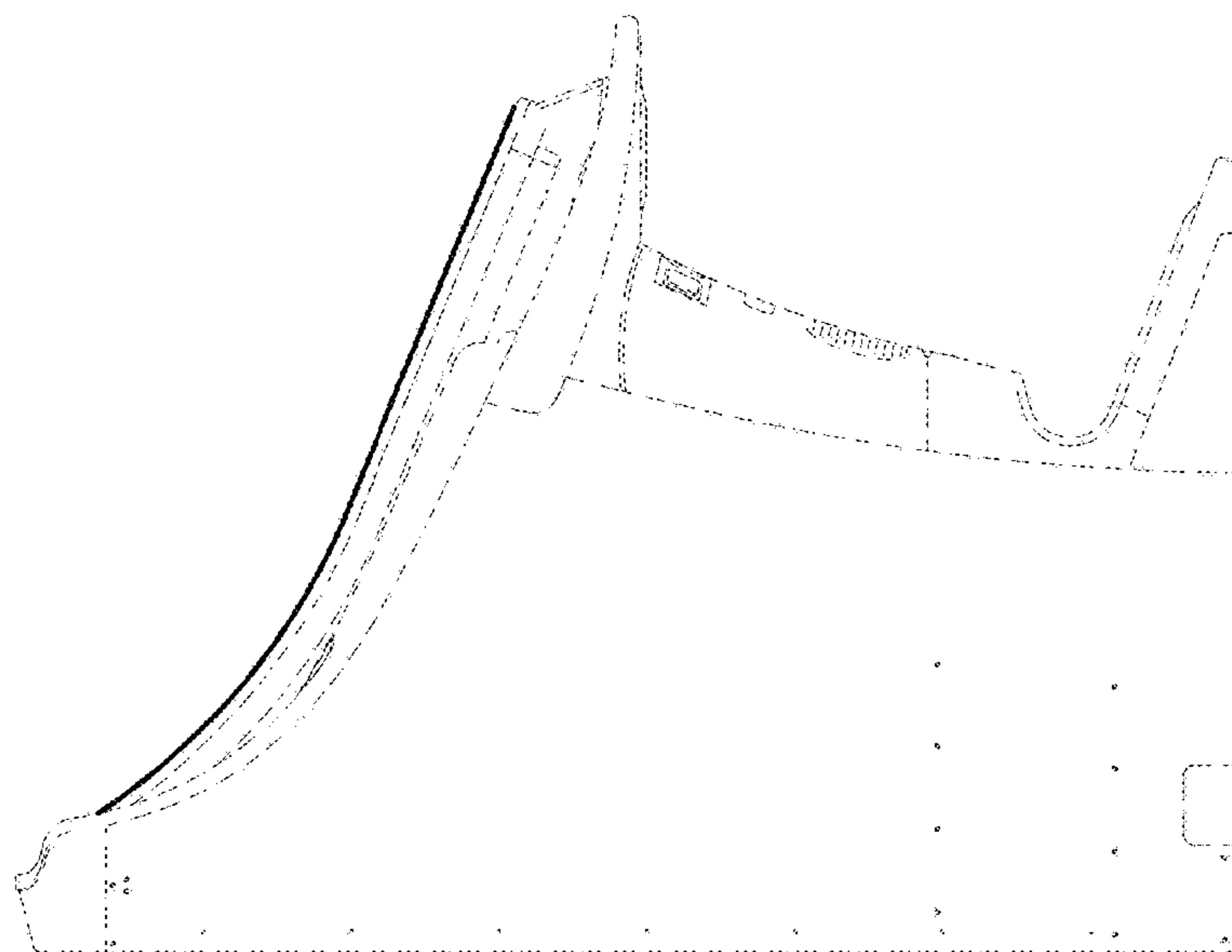


FIG. 3



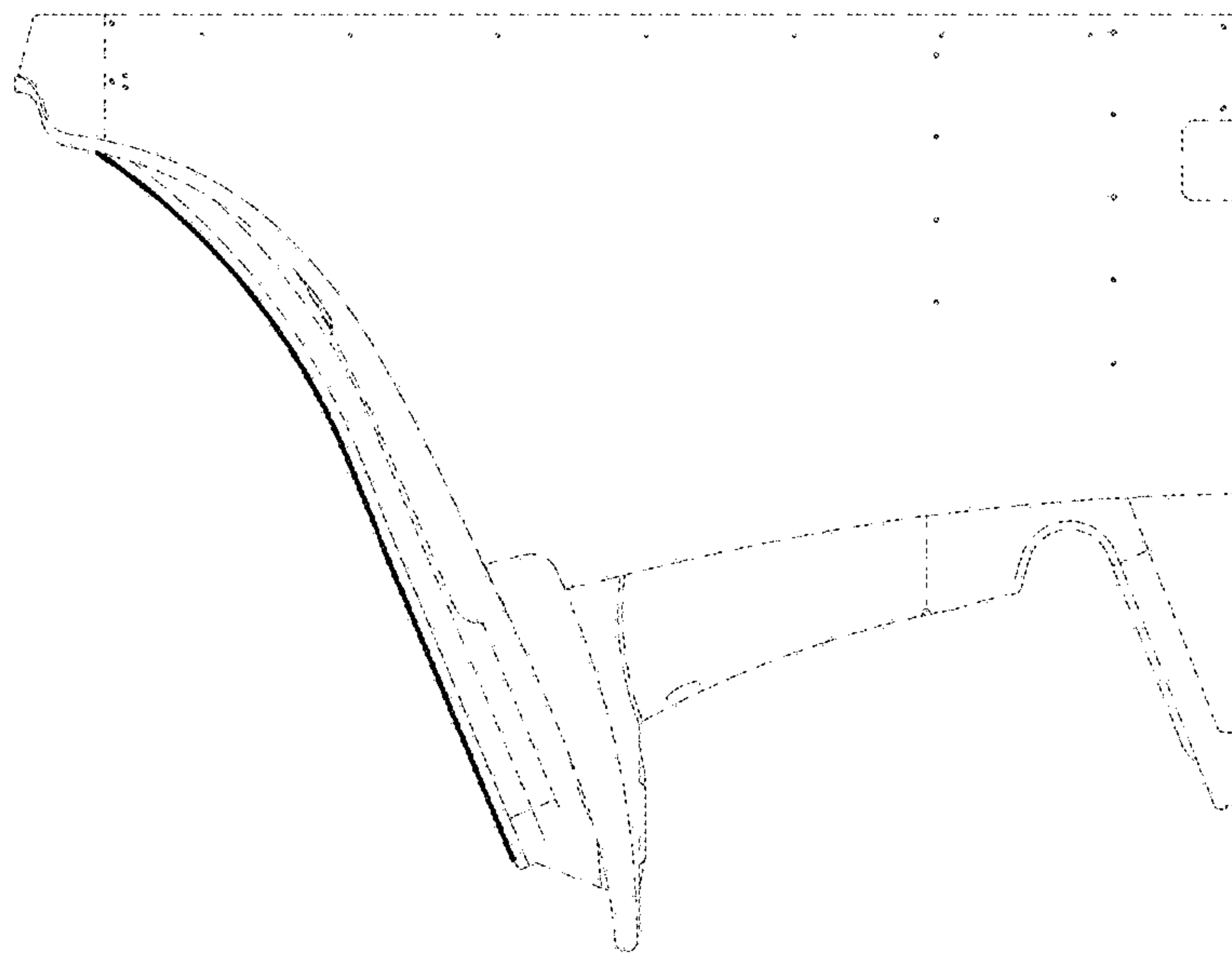


FIG. 5

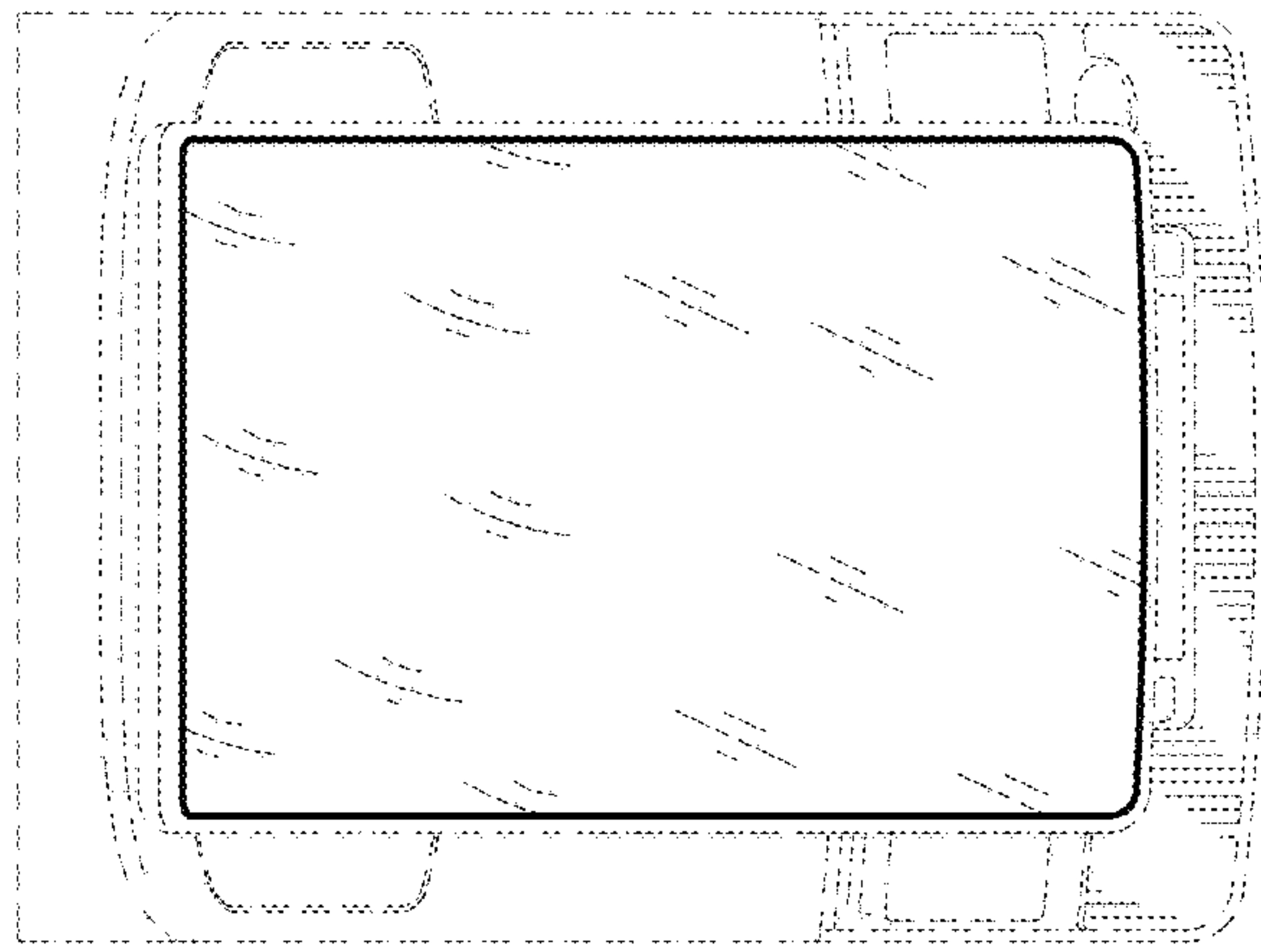


FIG. 6

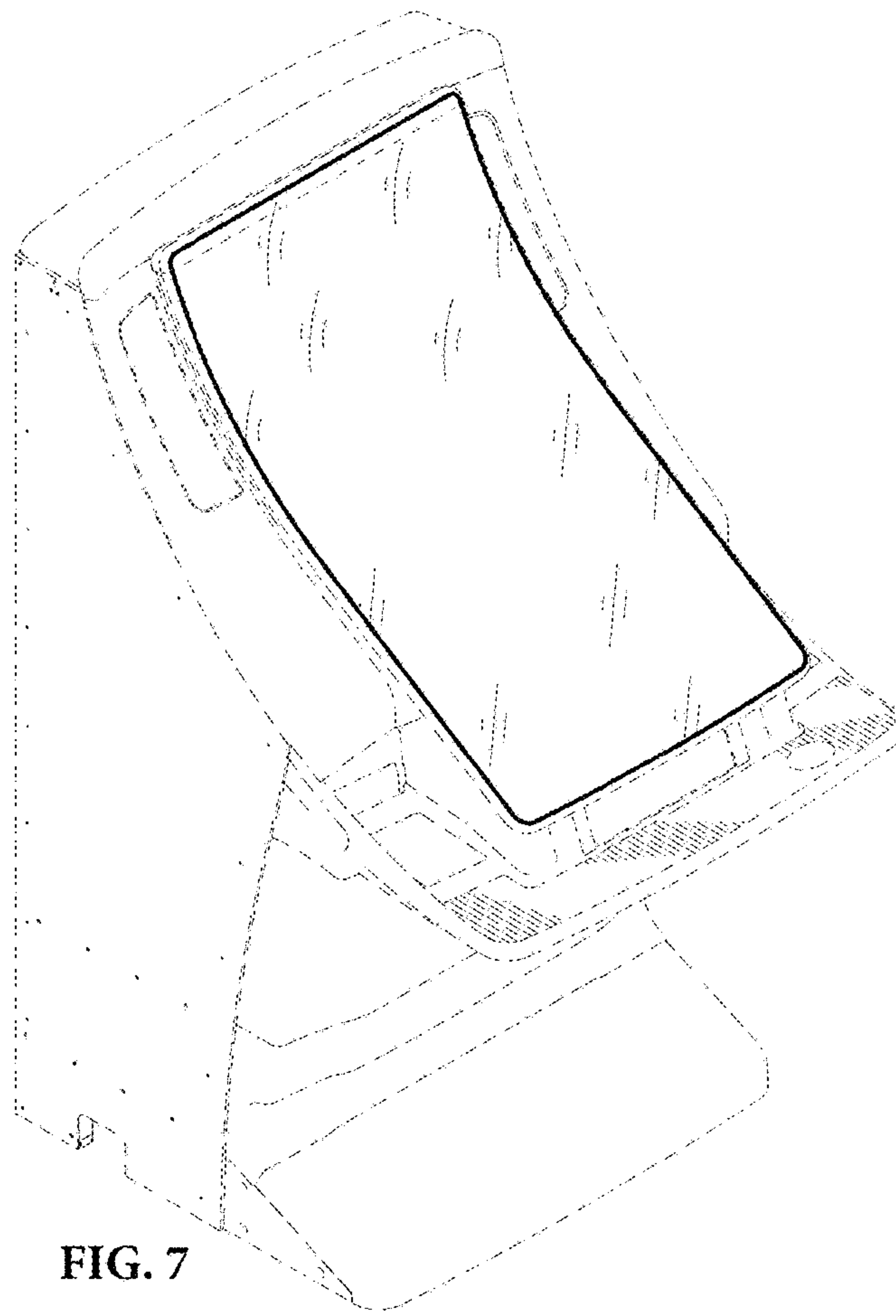
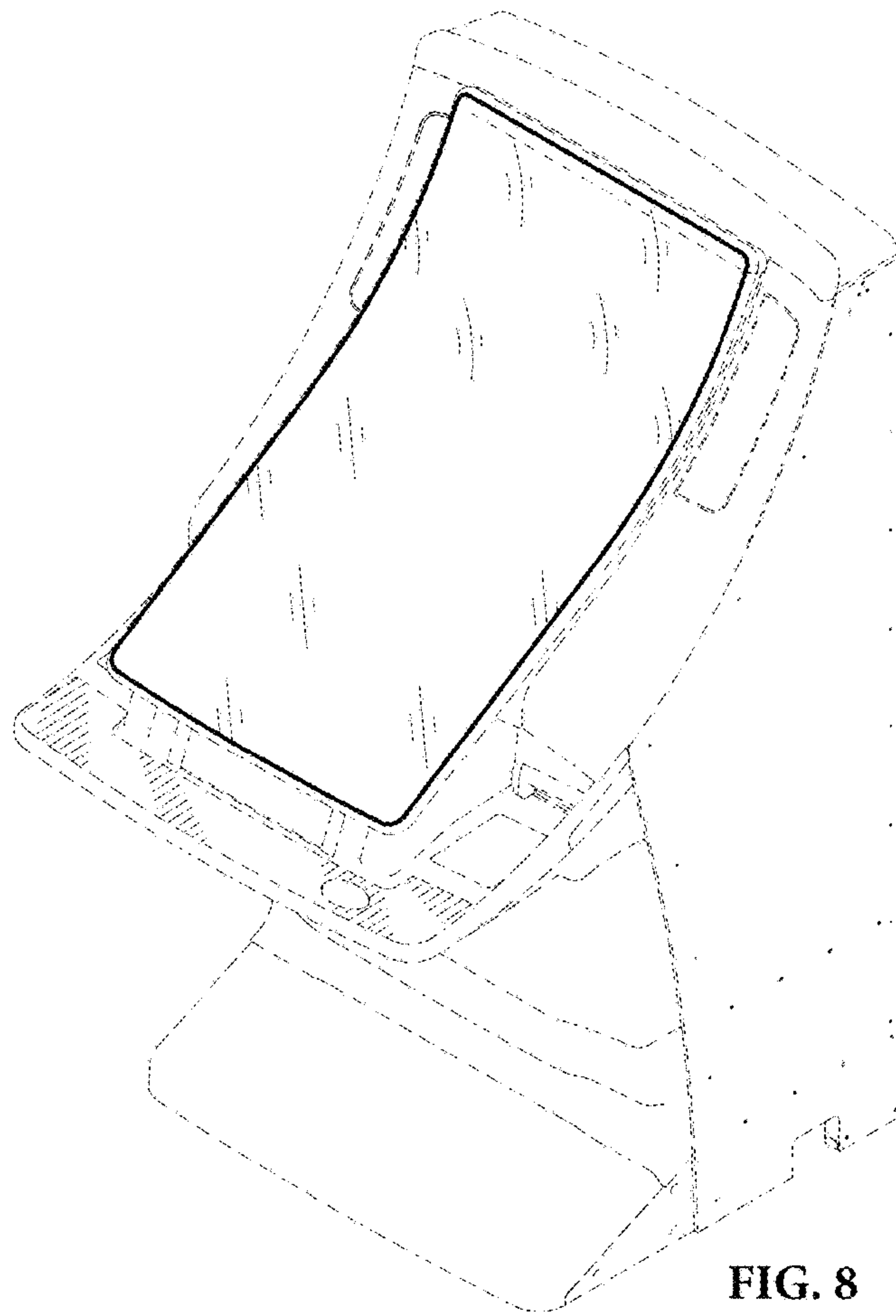


FIG. 7





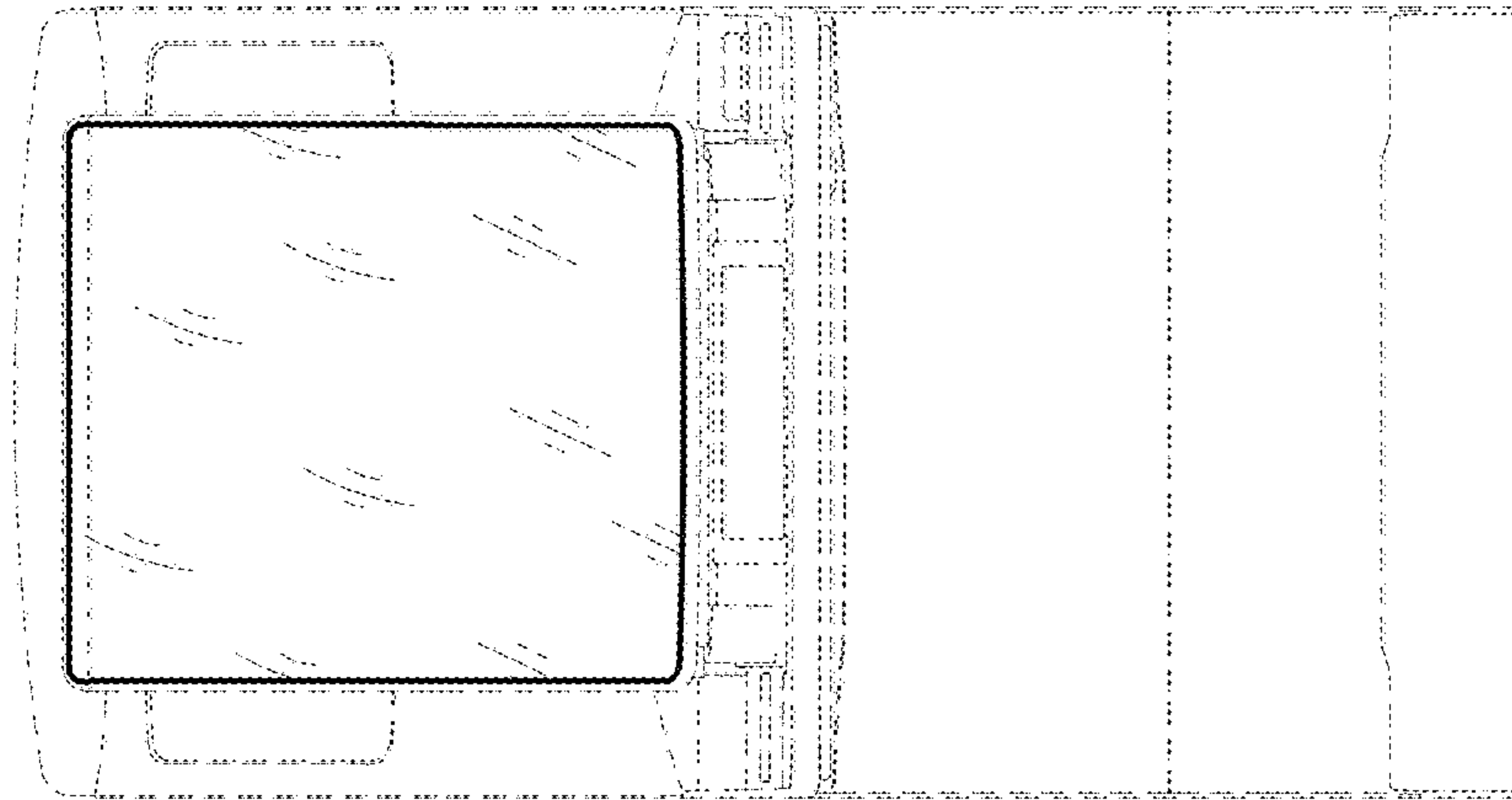


FIG. 10

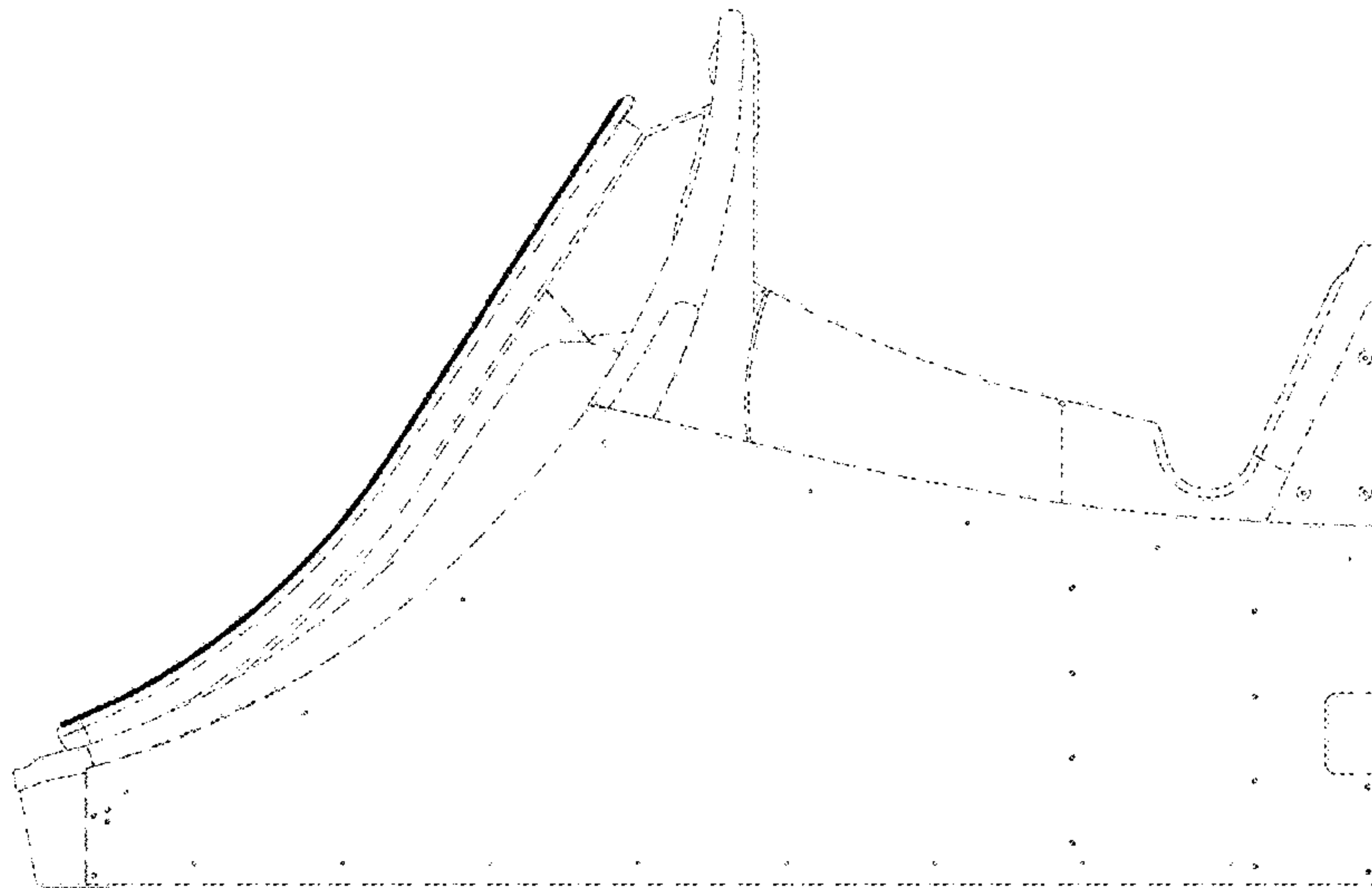


FIG. 9

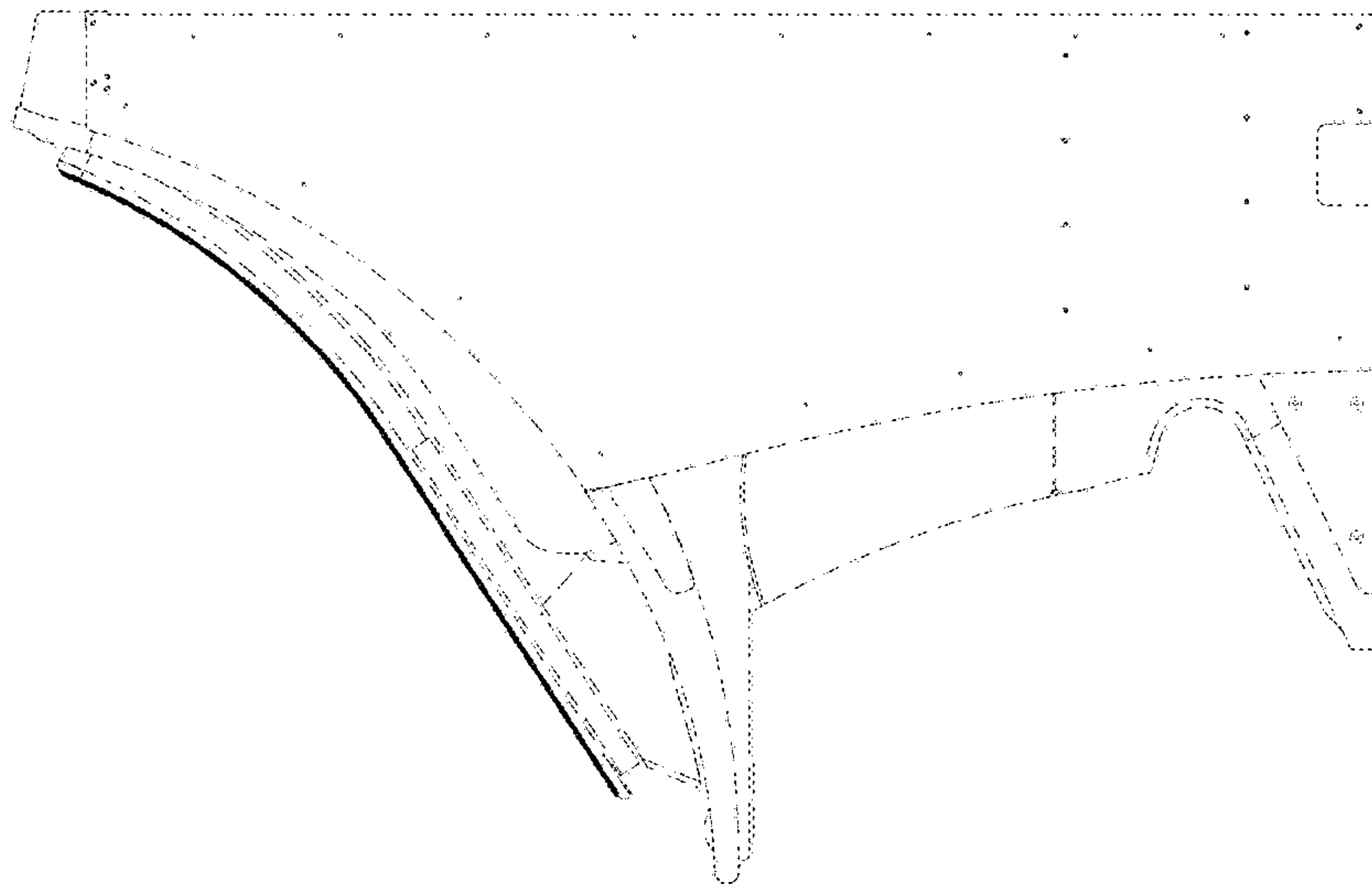


FIG. 11

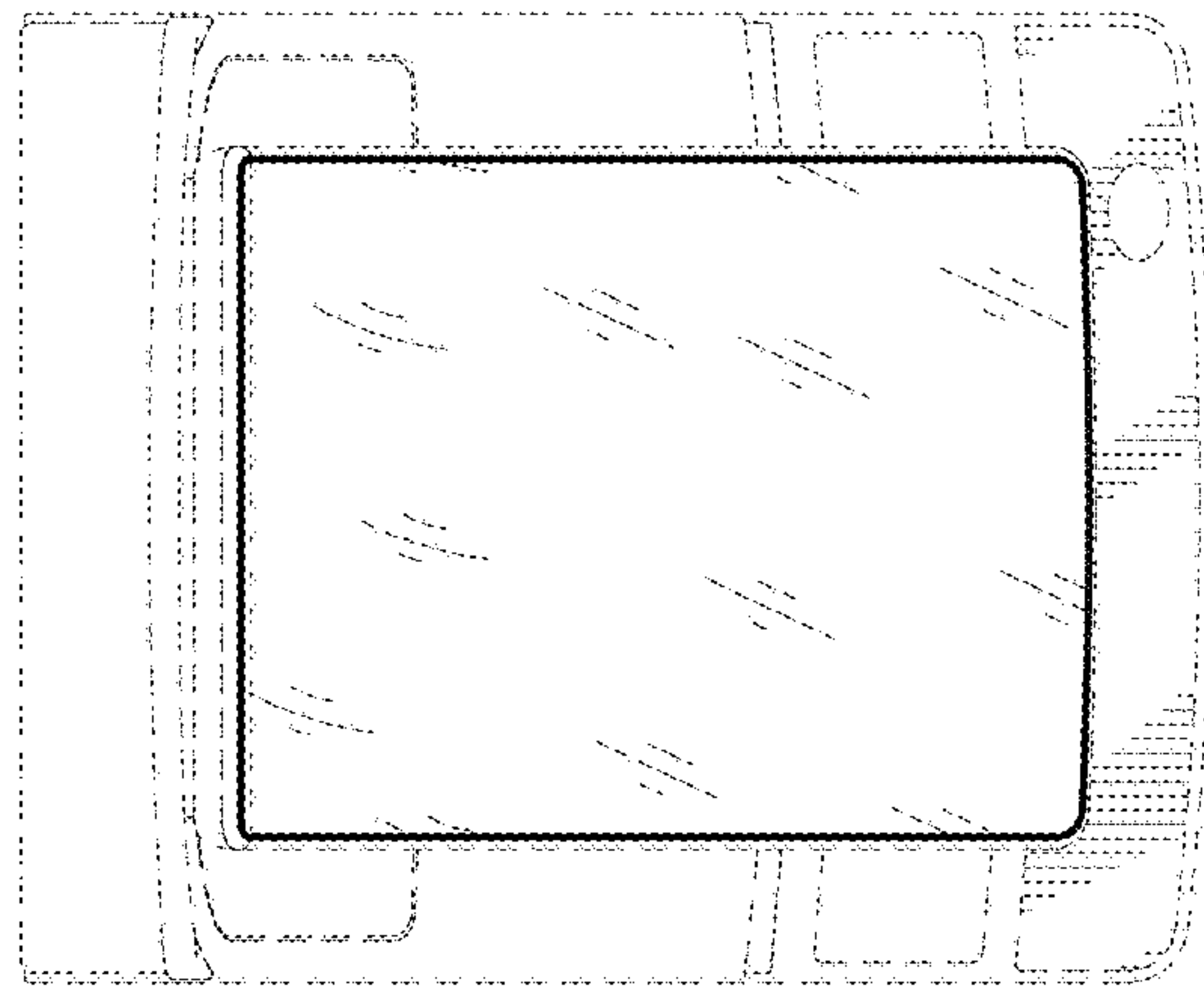


FIG. 12