



US00D821851S

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

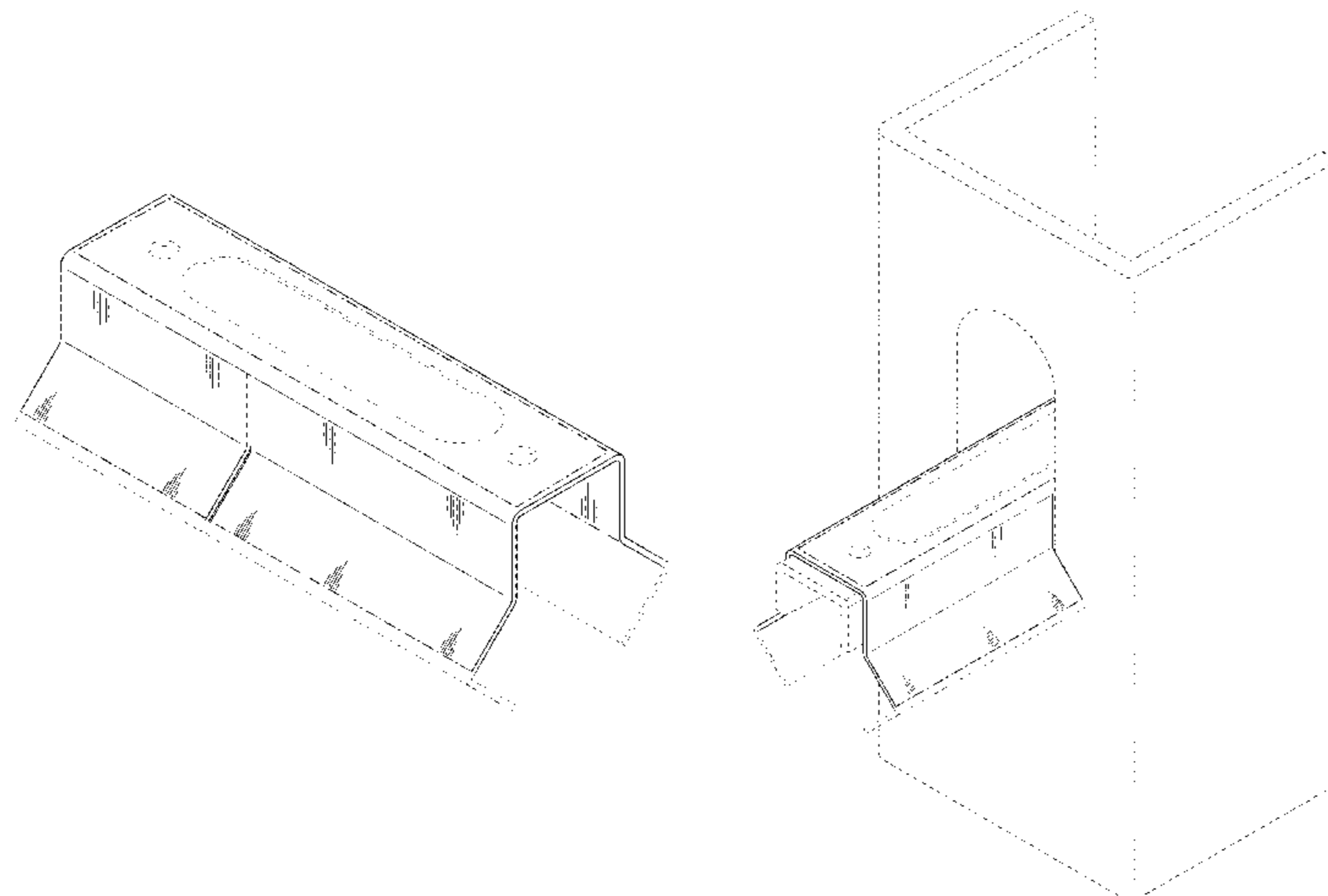
(10) **Patent No.:** **US D821,851 S**
(45) **Date of Patent:** **** Jul. 3, 2018**

- (54) **BRIDGING CLIP**
- (71) Applicant: **CLARKWESTERN DIETRICH BUILDING SYSTEMS LLC**, West Chester, OH (US)
- (72) Inventors: **Gregg A. Stahl**, Lebanon, OH (US); **Thomas J. Lawson**, West Chester, OH (US); **Nagaraj Eshwar**, Mason, OH (US)
- (73) Assignee: **Clarkwestern Dietrich Building Systems LLC**, West Chester, OH (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/595,012**
- (22) Filed: **Feb. 24, 2017**
- (51) **LOC (11) Cl.** **08-05**
- (52) **U.S. Cl.**
USPC **D8/354; D8/382**
- (58) **Field of Classification Search**
USPC D8/382, 394, 16, 349, 354, 371, 499; D25/61, 119, 121, 122, 123, 133, 164, D25/199
CPC E04B 2/763; E04B 1/1903; E04B 2/7457; E04C 3/07; E04C 3/02; E04C 3/04; E04C 2003/026; E04C 2003/0473; F16B 7/0493; Y10T 403/50; Y10T 403/3906; Y10T 403/583; Y10T 403/581
See application file for complete search history.

D158,461 S *	5/1950	Hammerly	.....	D25/119
3,083,794 A	4/1963	Stovail		
3,126,928 A	3/1964	McMillan		
D200,099 S *	1/1965	Attwood	.....	D25/121
3,322,447 A	5/1967	Biggs		
D211,082 S *	5/1968	La Londe	.....	D25/121
D217,223 S	4/1970	Knohl		
D221,141 S *	7/1971	Wormser	.....	D20/44
3,653,172 A	4/1972	Schwartz		
3,778,952 A	12/1973	Soucy		
3,897,163 A	7/1975	Holmes		
4,018,020 A	4/1977	Sauer et al.		
4,027,453 A	6/1977	Bridge		
4,043,689 A	8/1977	Spencer		
4,102,587 A *	7/1978	Herb	.....	E04G 17/001 403/205
4,128,979 A	12/1978	Price		
4,140,417 A	2/1979	Danielsen et al.		
4,174,911 A	11/1979	Maccario et al.		
4,208,851 A	6/1980	Sauer		
4,235,054 A	11/1980	Cable et al.		
D257,663 S *	12/1980	McKee	.....	D8/354
D257,664 S *	12/1980	McKee	.....	D8/354
D264,756 S	6/1982	Andersson		
4,426,822 A	1/1984	Gailey		
4,428,172 A	1/1984	Larsson		
4,448,004 A	5/1984	Thorsell		
4,464,074 A	8/1984	Green		
4,516,874 A	5/1985	Yang et al.		
4,586,841 A	5/1986	Hunter		
4,625,415 A	12/1986	Diamontis		
4,693,047 A	9/1987	Menchetti		
4,791,766 A	12/1988	Egri, II		
4,809,476 A	3/1989	Satchell		
4,840,005 A	6/1989	Cochrane		
4,850,169 A	7/1989	Burkstrand et al.		
4,914,878 A	4/1990	Tamaki et al.		
4,951,436 A	8/1990	Burkstrand et al.		
5,040,345 A	8/1991	Gilmour		
5,092,100 A	3/1992	Lambert et al.		
5,127,760 A	7/1992	Brady		
5,155,962 A	10/1992	Burkstrand et al.		
5,189,857 A	3/1993	Herren		
5,287,664 A	2/1994	Schiller		
5,325,651 A	7/1994	Meyer et al.		
5,363,622 A	11/1994	Sauer		
5,403,110 A	4/1995	Sammann		
5,605,024 A	2/1997	Sucato et al.		
5,671,580 A	9/1997	Chou		
5,720,138 A	2/1998	Johnson		
5,784,850 A	7/1998	Elderson		
D398,835 S	9/1998	Coll et al.		
5,876,006 A	3/1999	Sharp		

(56) **References Cited**
U.S. PATENT DOCUMENTS

529,154 A	11/1894	Banks	
D28,565 S	5/1898	Branch	
719,191 A	1/1903	Collins	
992,941 A	5/1911	Danielson	
1,101,745 A	6/1914	Jones	
1,791,197 A	2/1931	Dickson	
2,356,309 A *	8/1944	Garbe	..... E04B 1/08 52/236.7
2,365,501 A	12/1944	Walstrom	



US D821,851 S

Page 2

5,899,041 A	5/1999	Durin		D746,669 S *	1/2016	McBride	E04B 1/40
5,904,023 A	5/1999	diGirolamo et al.					D25/121
6,021,618 A	2/2000	Elderson		9,523,196 B2	12/2016	Rice	
D425,403 S	5/2000	Medina		9,732,520 B2	8/2017	Daudet et al.	
6,164,028 A	12/2000	Hughes		9,849,497 B2	12/2017	Daudet et al.	
6,209,268 B1 *	4/2001	Schmidt	E04B 1/2608	2002/0046525 A1 *	4/2002	Rice	E04B 2/7457
			52/665				52/481.1
6,242,698 B1	6/2001	Baker, III et al.		2003/0145537 A1	8/2003	Bailey	
6,260,318 B1	7/2001	Herren		2003/0167722 A1	9/2003	Klein et al.	
6,290,214 B1	9/2001	DeSouza		2007/0251186 A1	11/2007	Rice	
6,301,854 B1	10/2001	Daudet et al.		2008/0289275 A1 *	11/2008	Ellis	E04B 2/7457
6,315,137 B1	11/2001	Mulford					52/288.1
6,360,510 B1 *	3/2002	Woodrum	E04B 2/62	2017/0191254 A1	7/2017	Daudet	
			52/36.2				
6,418,695 B1	7/2002	Daudet		FOREIGN PATENT DOCUMENTS			
D463,575 S	9/2002	Daudet		CA	33013 S	10/1970	
D467,007 S	12/2002	Daudet et al.		CA	2386020 C	7/2005	
D468,792 S	1/2003	Jacoway et al.		CA	2370203 C	12/2005	
6,644,603 B2	11/2003	Bailleux		CA	116660 S	11/2007	
D483,254 S	12/2003	Sels		CA	2304264 C	10/2008	
6,694,695 B2	2/2004	Collins et al.		CA	132958 S	7/2010	
6,701,689 B2	3/2004	diGirolamo		CA	132960 S	7/2010	
6,702,270 B1	3/2004	Reschke		CA	134531 S	10/2010	
6,708,460 B1	3/2004	Elderson		CA	140795 S	1/2012	
6,739,562 B2	5/2004	Rice		CA	142290 S	4/2012	
6,792,733 B2	9/2004	Wheeler		CA	2791958 A1	4/2013	
6,920,734 B2	7/2005	Elderson		CA	152547 S	4/2014	
D513,171 S	12/2005	Richardson		CA	2905826 A1	9/2014	
7,017,310 B2	3/2006	Brunt		CA	158874 S	4/2015	
7,021,021 B2	4/2006	Saldana		CA	2880759 A1	2/2016	
7,104,024 B1	9/2006	diGirolamo et al.		CA	2903509 A1	3/2016	
7,159,369 B2	1/2007	Elderson		EP	2 395 168 B1	5/2015	
7,168,219 B2	1/2007	Elderson		WO	WO 2014/149102 A1	9/2014	
D554,978 S	11/2007	Radke		WO	WO 2014/158259	10/2014	
D558,039 S	12/2007	Skinner		OTHER PUBLICATIONS			
7,398,621 B2	7/2008	Banta		The Steel Network (TSN), BridgeBar®, Product Information, downloaded from http://www.steelnetwork.com/Product/BridgeBar on Dec. 31, 2016, 3 pgs.			
D579,321 S	10/2008	Townley		The Steel Network (TSN), BridgeBar®, Technical Sheet, dated Nov. 20, 2013, downloaded from http://www.steelnetwork.com/Product/BridgeBar on Dec. 31, 2016, 1 pg.			
D580,260 S *	11/2008	Collins	D8/382	ClarkDietrich Building Systems, TradeReady® Spazzer® 9200 Spacing Bar, Spazzer 9200 (Interior) Bridging and Spacing Bar, Product Submittal Sheet, dated May 20, 2014, 1 pg.			
7,503,150 B1	3/2009	diGirolamo et al.		Design U.S. Appl. No. 29/595,006, filed Feb. 24, 2017.			
D590,697 S	4/2009	Townley		Design U.S. Appl. No. 29/595,010, filed Feb. 24, 2017.			
D599,193 S *	9/2009	Meyer	D8/354	U.S. Office Action, Non-Final, dated Feb. 23, 2018 for U.S. Appl. No. 29/595,010, 7 pgs.			
D600,535 S	9/2009	Rix		* cited by examiner			
7,621,096 B2	11/2009	Ellis		Primary Examiner — Sandra S Snapp			
D611,887 S	3/2010	Peschmann		Assistant Examiner — Ieisha N Price			
D615,387 S	5/2010	Prichard		(74) Attorney, Agent, or Firm — Frist Brown Todd, LLC			
D615,848 S *	5/2010	Prichard	D8/354	(57) CLAIM			
7,739,850 B2	6/2010	Daudet		The ornamental design for a bridging clip, as shown and described.			
D618,992 S *	7/2010	Rix	D8/354	DESCRIPTION			
D621,953 S	8/2010	Peifer		FIG. 1 is a top perspective view of a first embodiment of a bridging clip, showing our new design;			
D625,588 S	10/2010	Norris et al.		FIG. 2 is a bottom perspective view of the bridging clip of FIG. 1;			
7,836,657 B1	11/2010	diGirolamo		FIG. 3 is a front elevational view of the bridging clip of FIG. 1, the rear elevational view being a mirror image thereof;			
D634,613 S	3/2011	Massie et al.		FIG. 4 is a left elevational view of the bridging clip of FIG. 1;			
D634,614 S	3/2011	Massie et al.					
D639,641 S	6/2011	Massie et al.					
7,955,027 B2	6/2011	Nourian et al.					
8,011,160 B2	9/2011	Rice					
8,083,187 B2	12/2011	Bernard et al.					
D654,188 S	2/2012	Hanlon					
D656,006 S *	3/2012	Underkoffler	D8/380				
D656,246 S	3/2012	Hanlon					
D656,251 S	3/2012	Underkoffler et al.					
D657,073 S	4/2012	Reves					
D657,891 S	4/2012	Jones					
8,205,402 B1	6/2012	diGirolamo et al.					
D667,718 S	9/2012	Preda					
8,387,321 B2	3/2013	diGirolamo et al.					
D682,069 S	5/2013	Lehane et al.					
D692,746 S *	11/2013	Lawson	E04B 2/763				
			D8/394				
8,590,255 B2	11/2013	Daudet et al.					
8,672,600 B2 *	3/2014	Reznar	E04F 15/04				
			411/457				
8,813,456 B2	8/2014	Lin et al.					
D718,884 S	12/2014	Thrush et al.					
9,016,024 B1	4/2015	Daudet					
D729,410 S	5/2015	Lopez					
D734,119 S	7/2015	Kufner et al.					
D736,065 S	8/2015	Castellano					
9,109,361 B2 *	8/2015	Daudet	E04C 3/07				

FIG. 5 is a right elevational view of the bridging clip of FIG. 1;

FIG. 6 is a top plan view of the bridging clip of FIG. 1;

FIG. 7 is a bottom plan view of the bridging clip of FIG. 1; and

FIG. 8 is a top perspective view of the bridging clip of FIG. 1 shown in conjunction with a horizontal bridging member and a vertical stud.

FIG. 9 is a top perspective view of a second embodiment of a bridging clip, showing our new design;

FIG. 10 is a bottom perspective view of the bridging clip of FIG. 9;

FIG. 11 is a front elevational view of the bridging clip of FIG. 9, the rear elevational view being a mirror image thereof;

FIG. 12 is a left elevational view of the bridging clip of FIG. 9;

FIG. 13 is a right elevational view of the bridging clip of FIG. 9;

FIG. 14 is a top plan view of the bridging clip of FIG. 9; FIG. 15 is a bottom plan view of the bridging clip of FIG. 9; and,

FIG. 16 is a top perspective view of the bridging clip of FIG. 9 shown in conjunction with a horizontal bridging member and a vertical stud.

The broken lines shown in the drawings are included for purposes of illustrating portions of the bridging clip or environmental structure that form no part of the claimed design. The dash-dot lines located on the exterior and interior surfaces of the web of the bridging clip and the dash-dot lines located on each respective side flange of the bridging clip represent boundary lines of the claimed design. The rectangular areas inside the boundary lines on the exterior and interior surfaces of the web and the area below the boundary line on each respective side flange, including the boundary lines themselves, form no part of the claimed design.

1 Claim, 12 Drawing Sheets

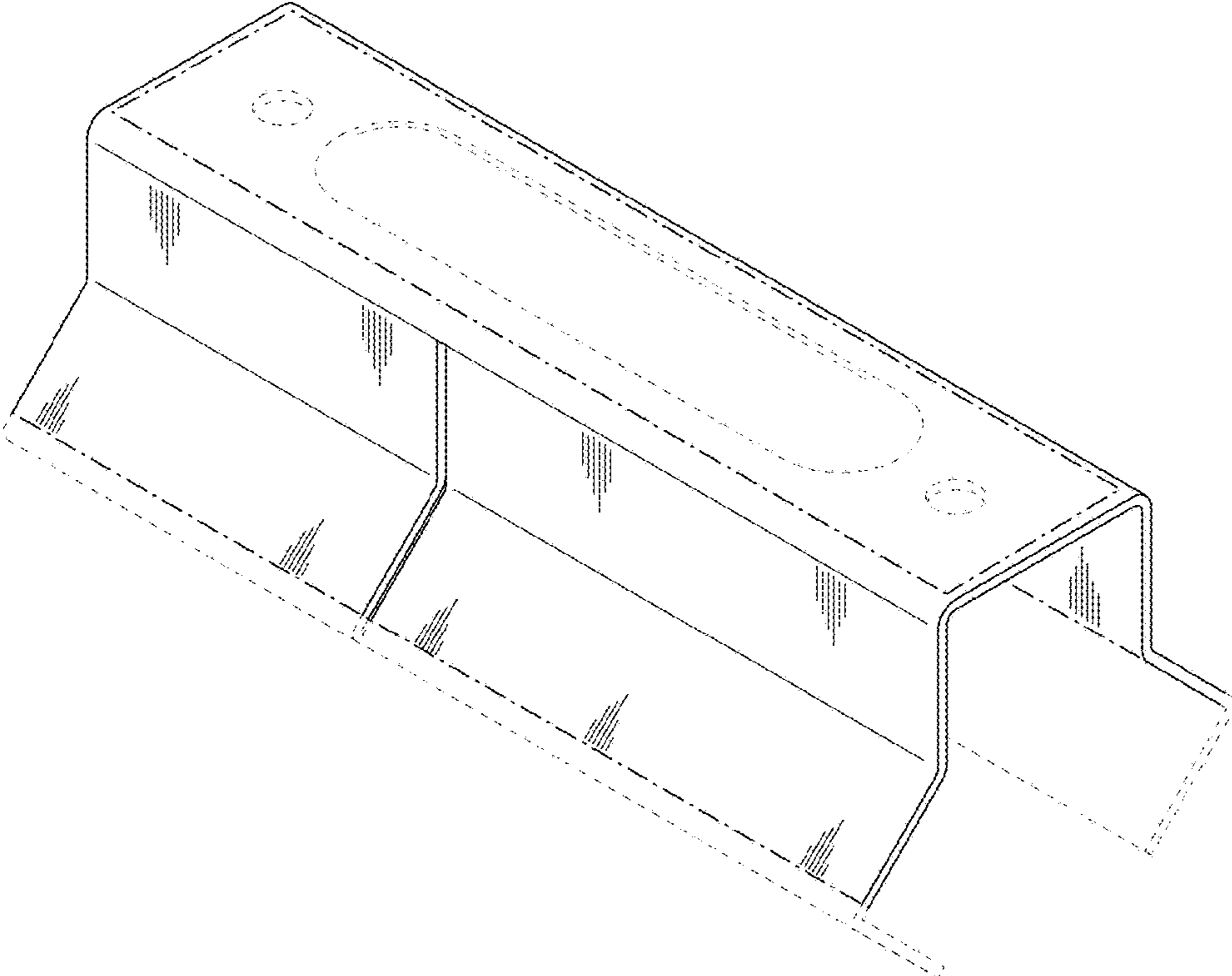


FIG. 1

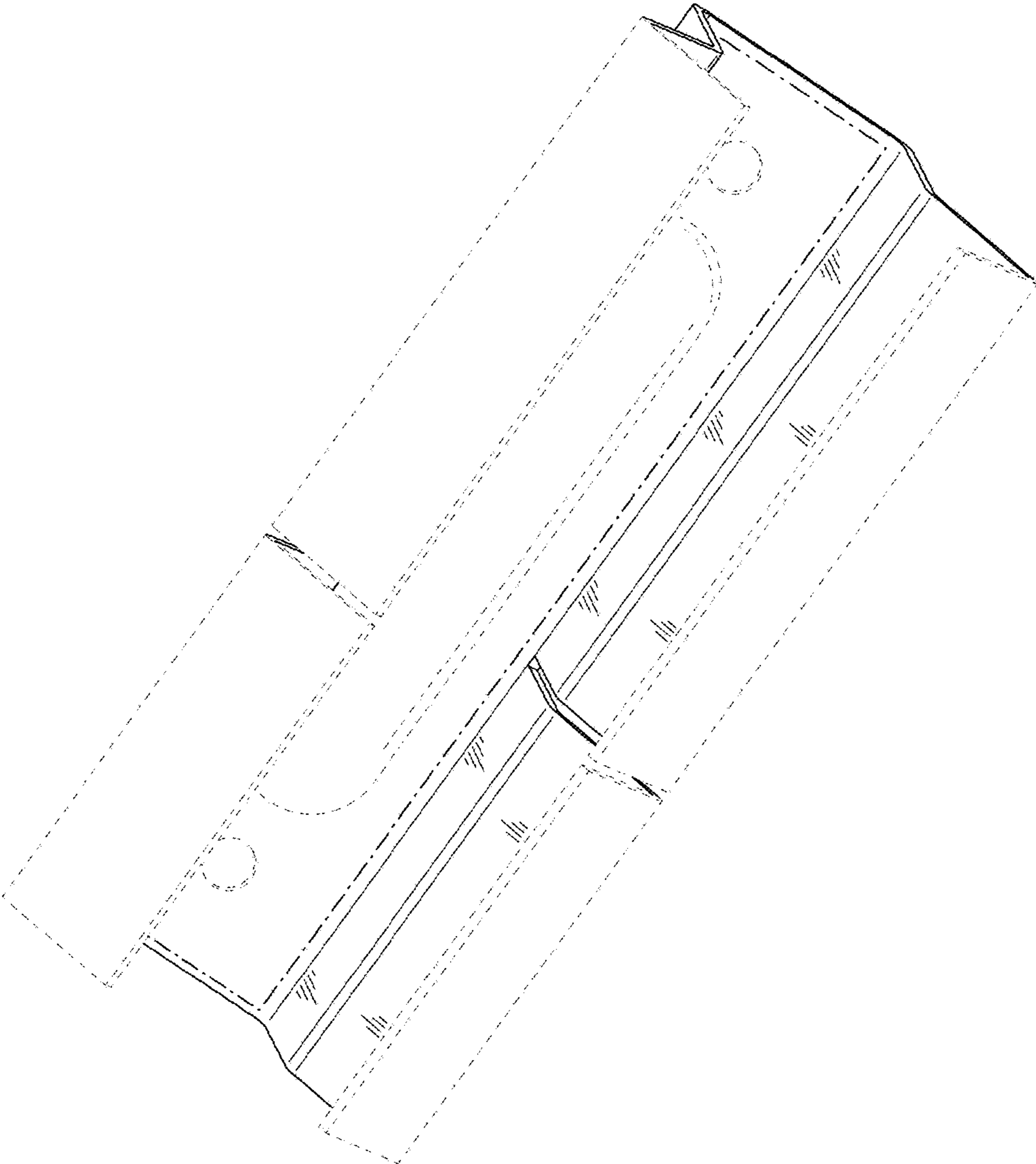


FIG. 2

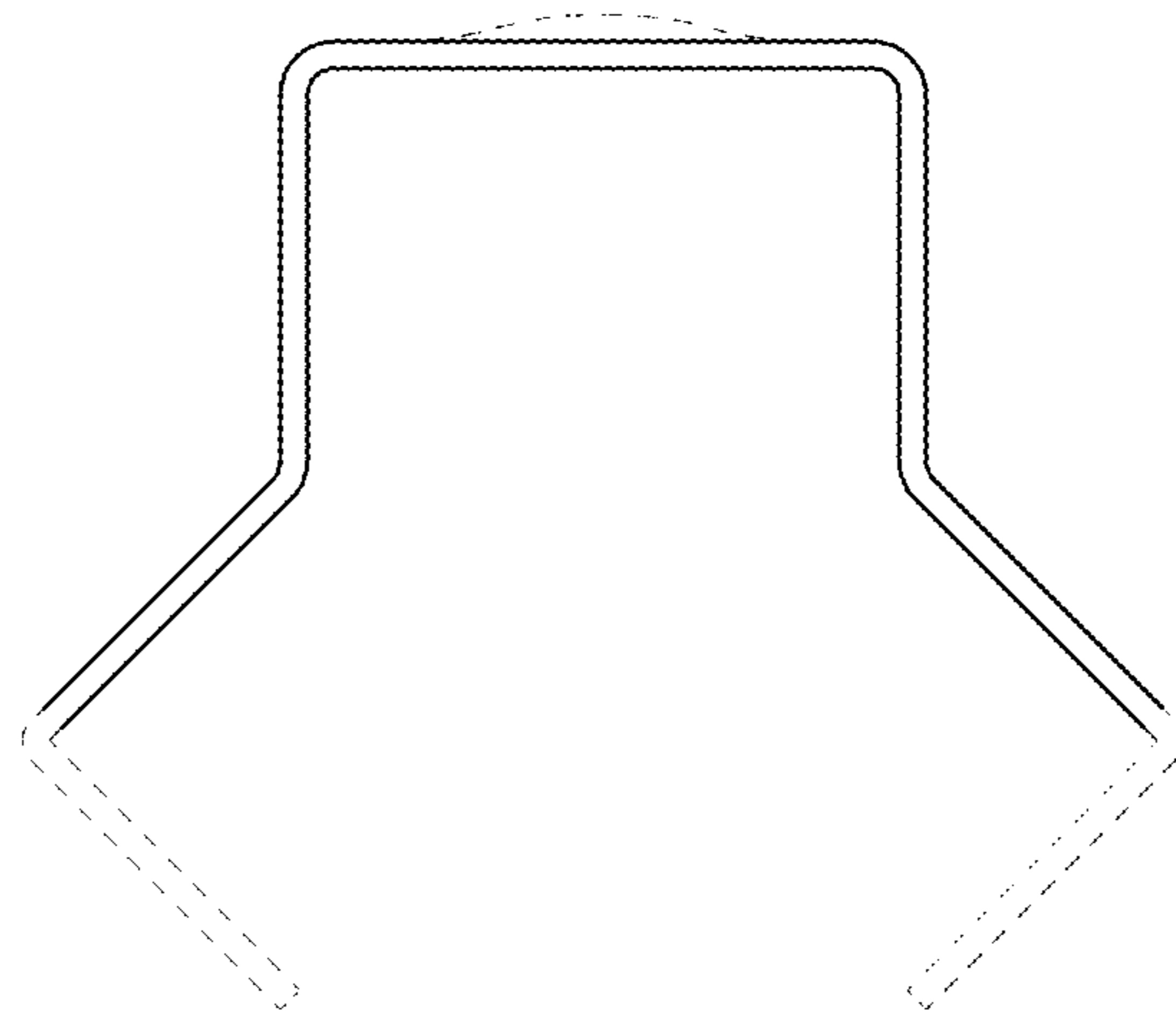


FIG. 3

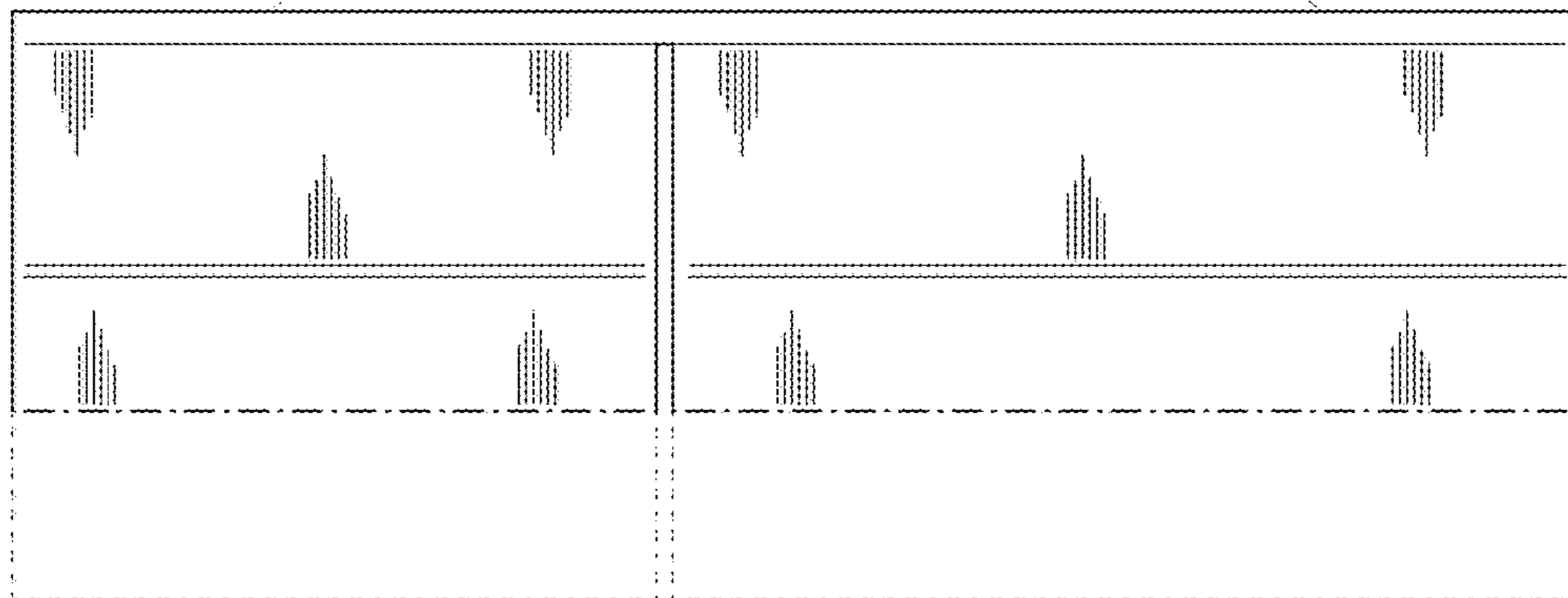


FIG. 4

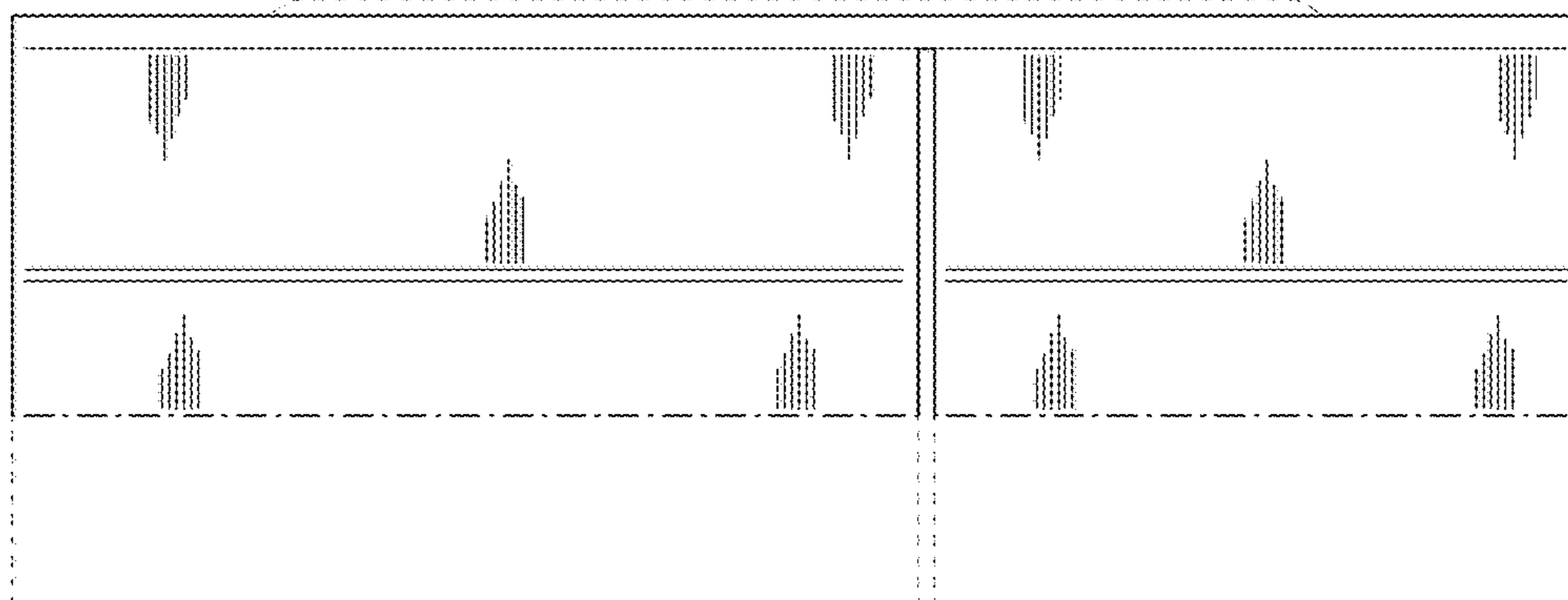


FIG. 5

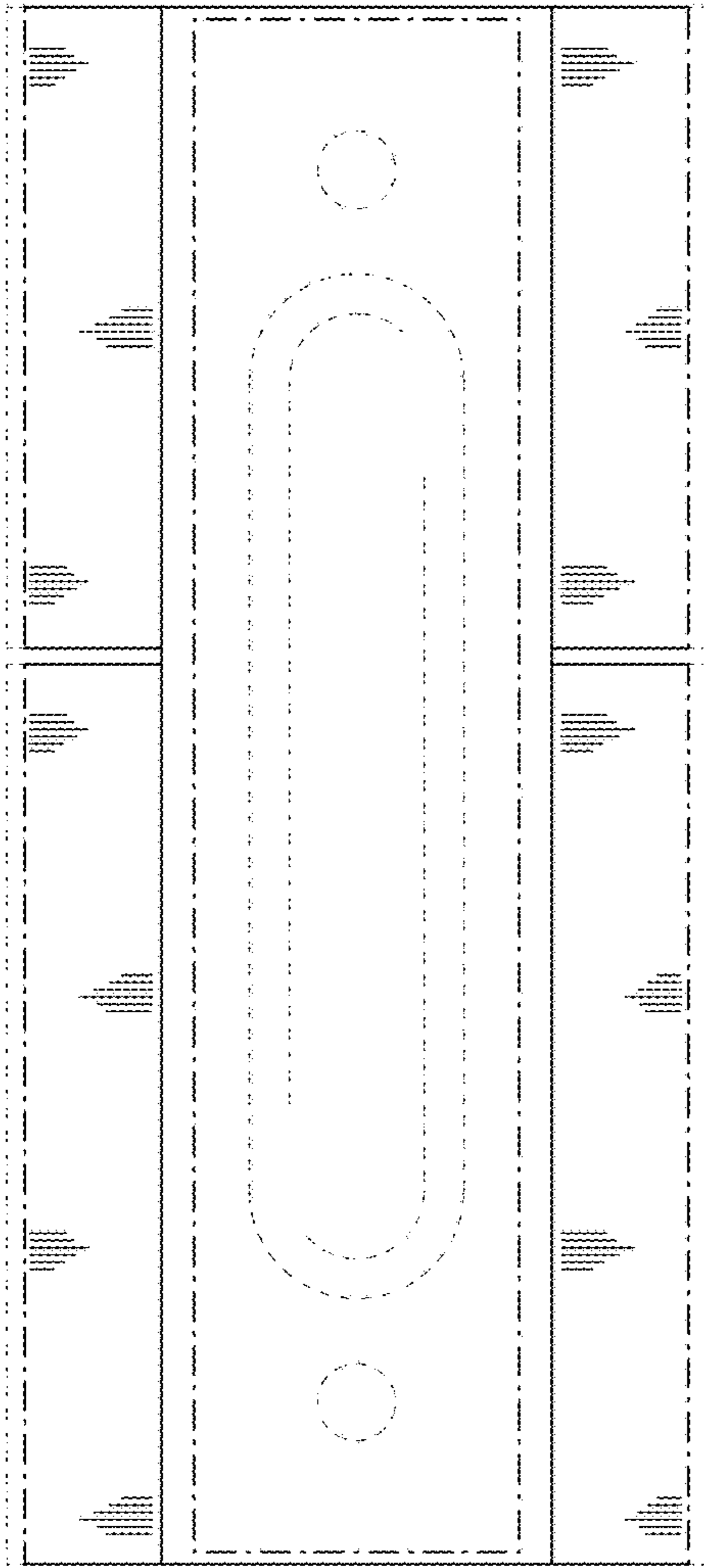


FIG. 6

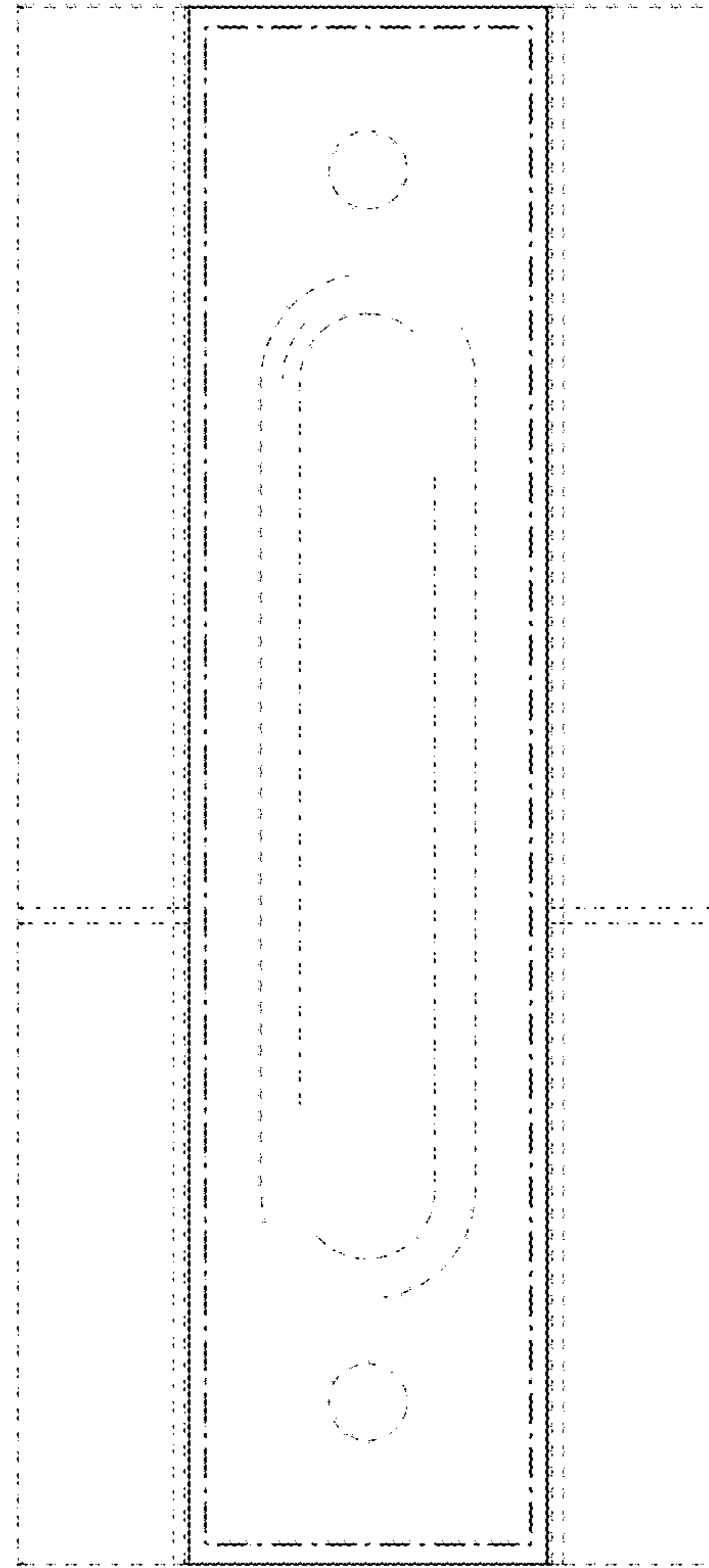


FIG. 7

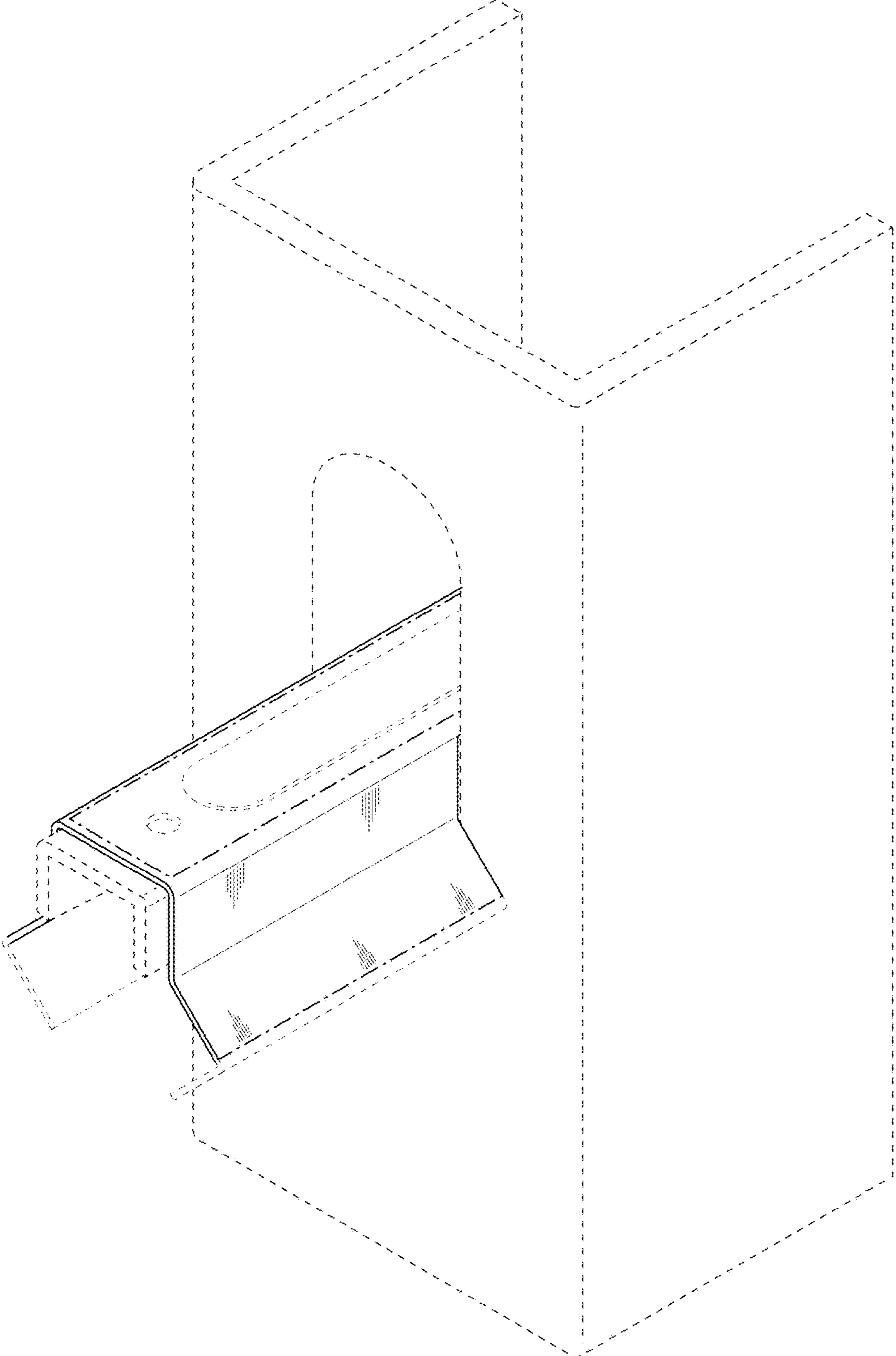


FIG. 8

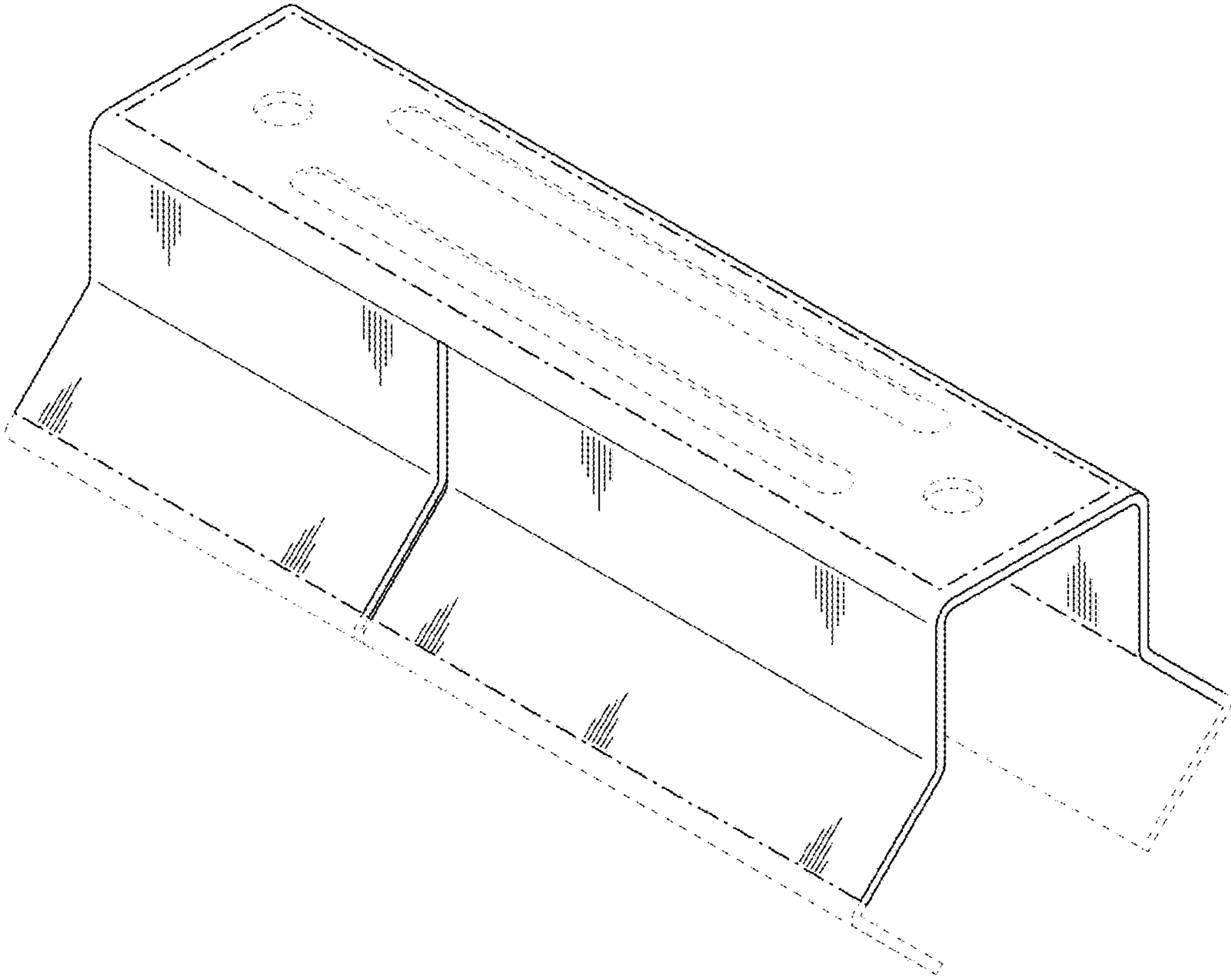


FIG. 9

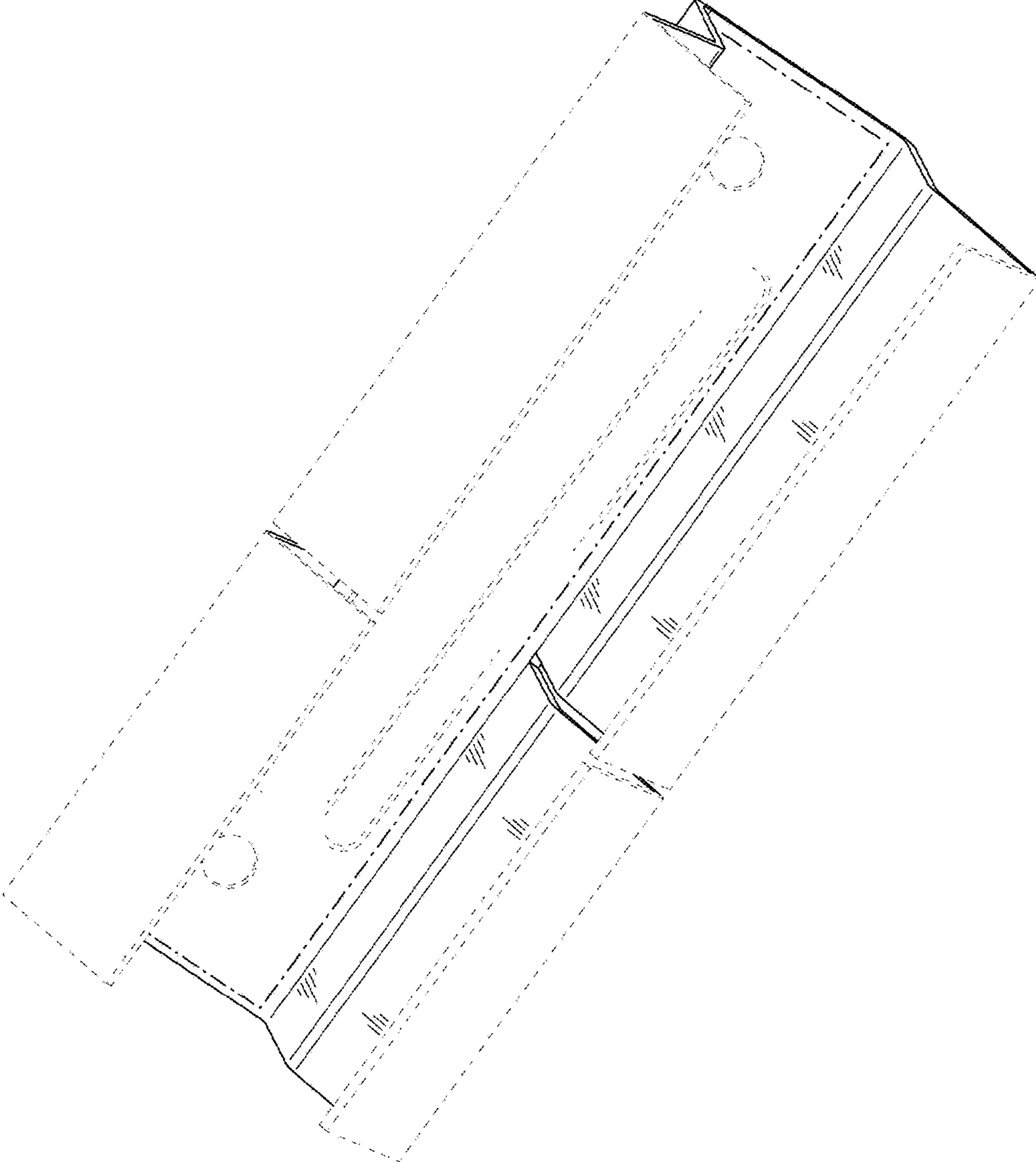


FIG. 10

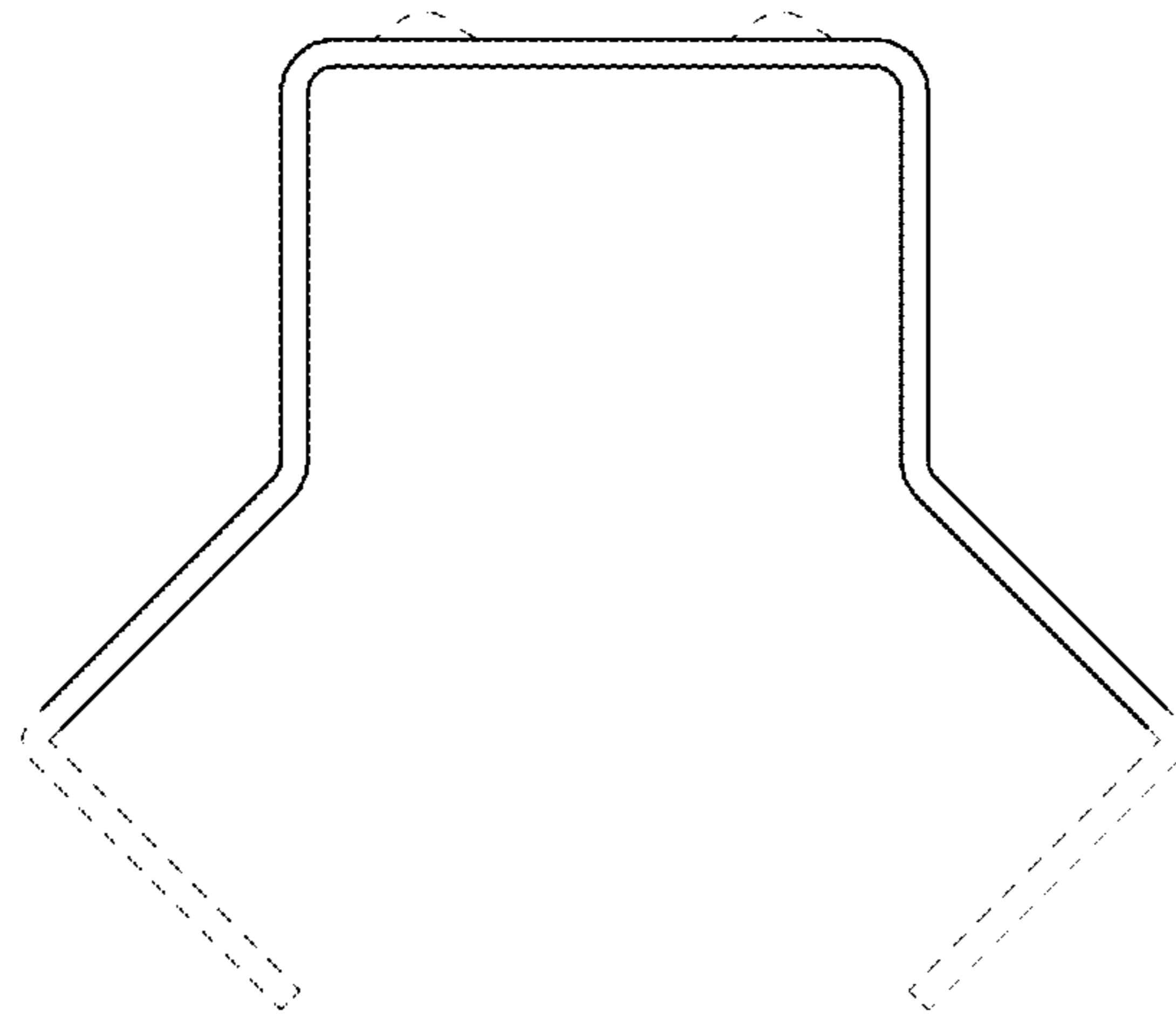


FIG. 11

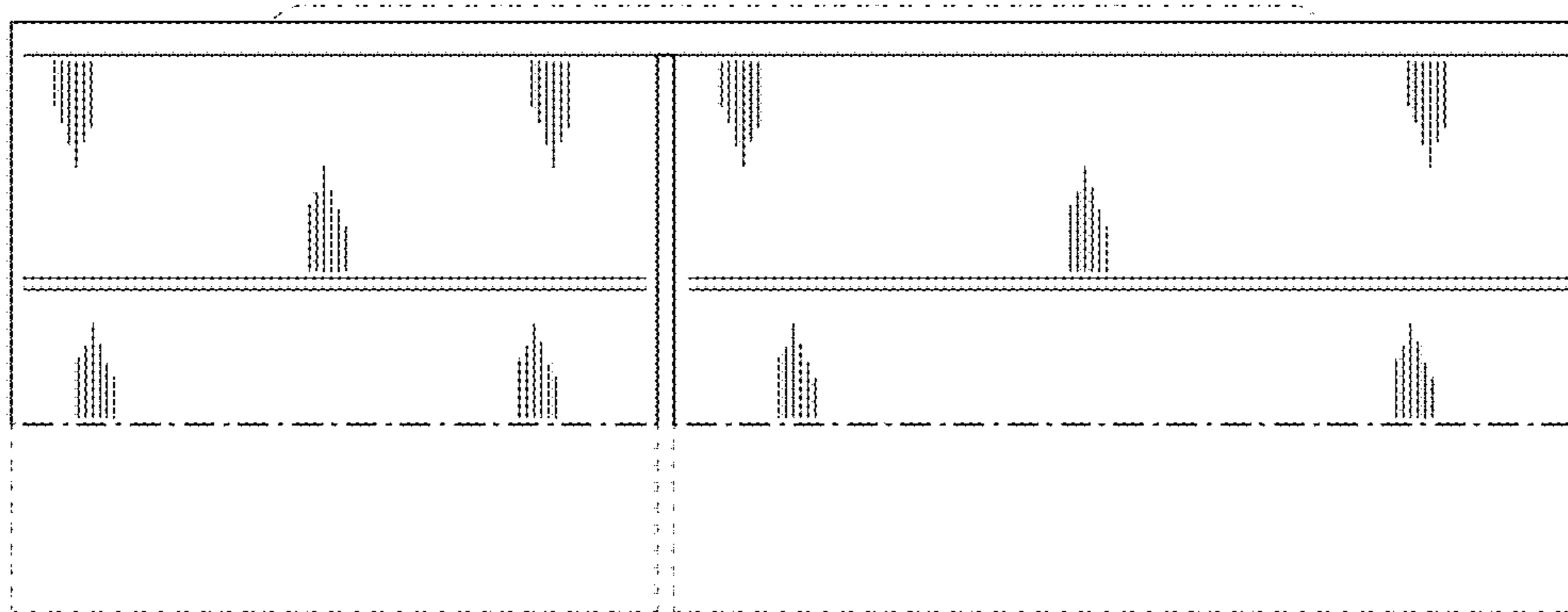


FIG. 12

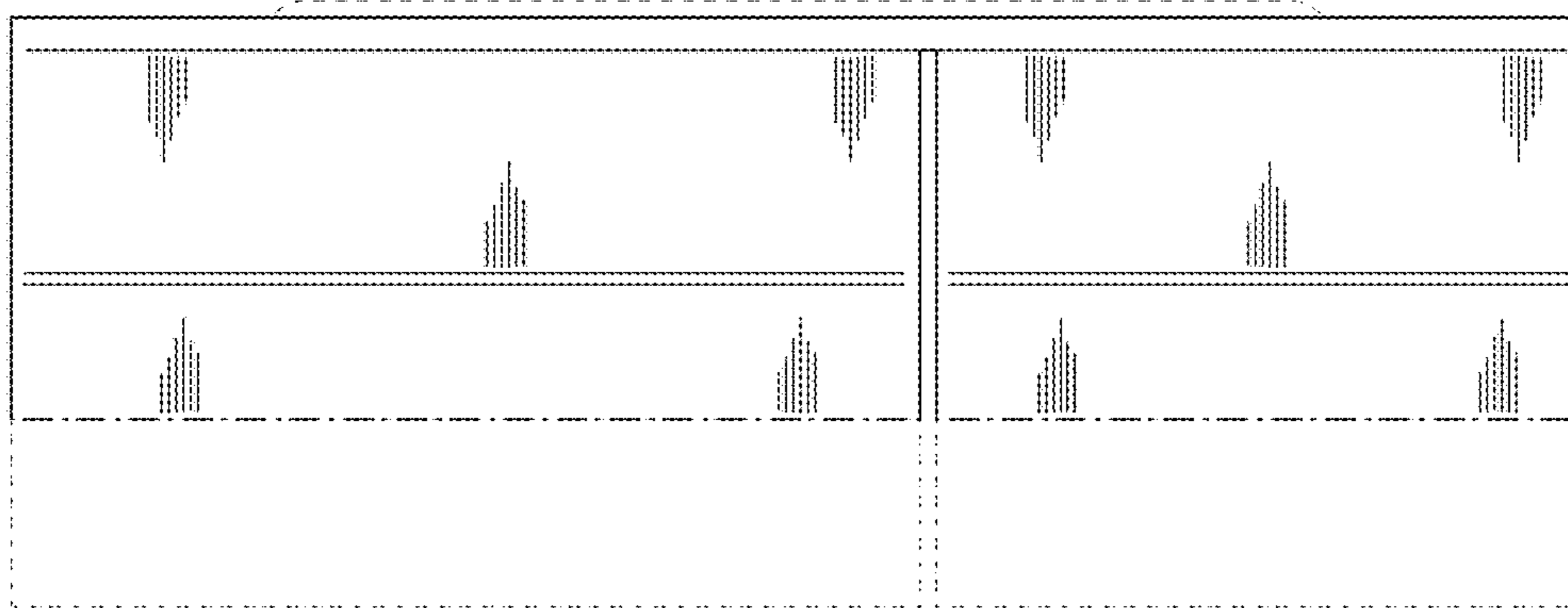


FIG. 13

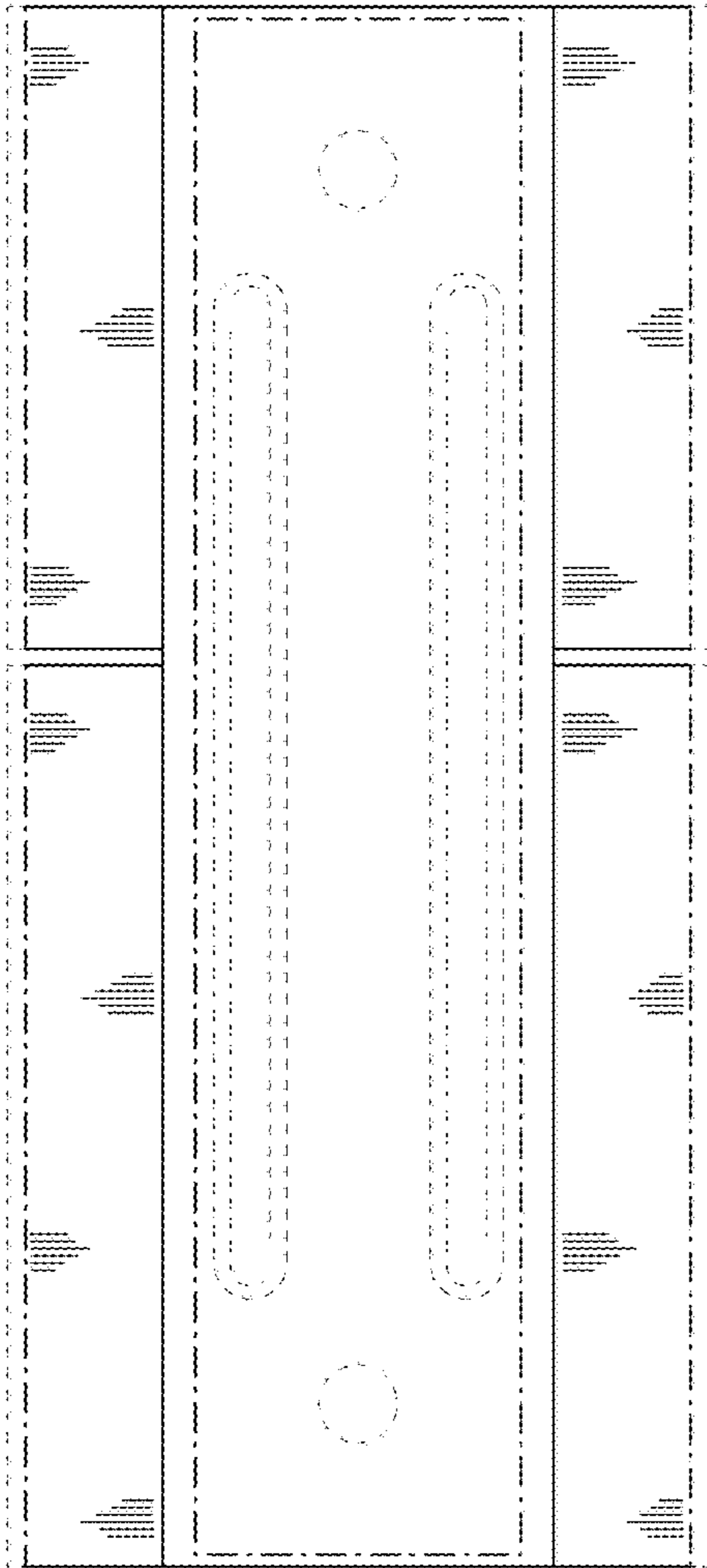


FIG. 14

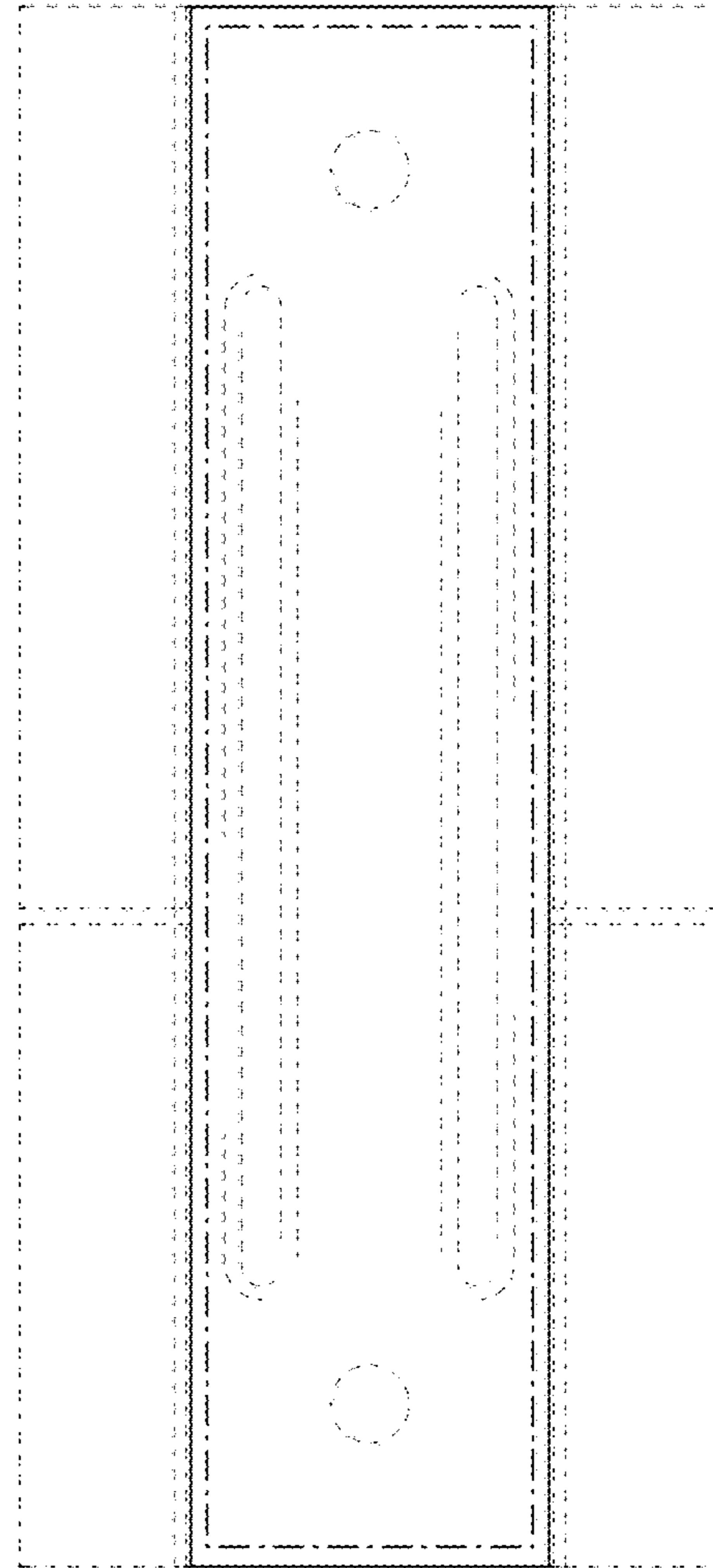


FIG. 15

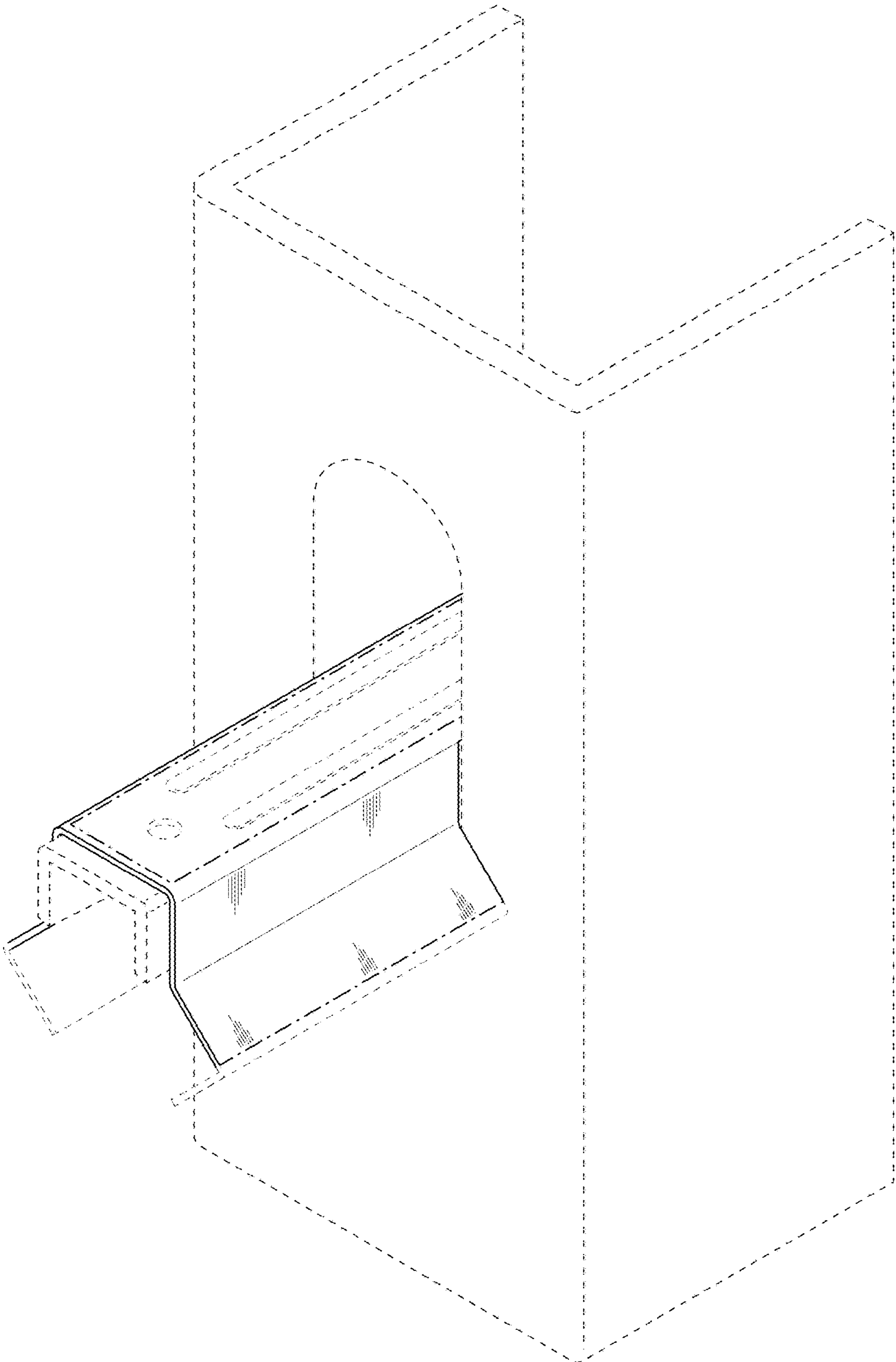


FIG. 16