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

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(54) **FIBER TROUGH LATERAL COMPONENT**

D339,641 S \* 9/1993 Leufstedt et al. .... D25/119  
5,271,585 A 12/1993 Zetena, Jr.  
5,316,243 A 5/1994 Henneberger  
5,316,244 A 5/1994 Zetena, Jr.

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(Continued)

**FOREIGN PATENT DOCUMENTS**

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

DE 1 130 492 5/1962

(21) Appl. No.: **29/276,479**

(Continued)

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**OTHER PUBLICATIONS**

(51) **LOC (8) Cl.** ..... **13-03**

International Search Report mailed Jan. 29, 2007 (PCT/US2006/  
038648).

(52) **U.S. Cl.** ..... **D13/155**

(Continued)

(58) **Field of Classification Search** ..... D8/356;  
D13/154-157, 184; D25/119, 121, 122,  
D25/124; 138/106-107, 112-113, 116-117,  
138/155-158, 162-163, 166-169, 174; 14/169.5;  
174/101, 38, 68.1, 68.3, 72 A, 72 C, 75 R,  
174/84 R, 91, 92, 95, 97, 135; 385/134,  
385/136; 248/68.1; 403/293, 294; 104/275

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See application file for complete search history.

(57) **CLAIM**

The ornamental design for the fiber trough lateral component,  
as shown and described.

(56) **References Cited**

**DESCRIPTION**

**U.S. PATENT DOCUMENTS**

799,320 A 9/1905 Franks  
834,742 A \* 10/1906 Lutz ..... 138/163  
D110,435 S \* 7/1938 Lowry ..... D25/119  
2,231,982 A \* 2/1941 Zalkind ..... 220/592.2  
3,351,699 A 11/1967 Merckle  
D215,295 S \* 9/1969 Vesch ..... D13/184  
3,761,603 A 9/1973 Hays  
3,927,698 A 12/1975 Johannsen  
4,077,434 A 3/1978 Sieckert  
4,907,767 A 3/1990 Corsi  
4,951,716 A 8/1990 Tsunoda  
D321,682 S 11/1991 Henneberger  
D321,862 S 11/1991 Henneberger  
5,067,678 A 11/1991 Henneberger  
D322,596 S \* 12/1991 Henneberger ..... D13/155  
5,160,811 A 11/1992 Ritzmann  
5,161,580 A 11/1992 Klug  
5,240,209 A 8/1993 Kutsch

FIG. 1 is a first top perspective view of the fiber trough lateral  
component.

FIG. 2 is a second top perspective view thereof.

FIG. 3 is a first bottom perspective view thereof.

FIG. 4 is a second bottom perspective view thereof.

FIG. 5 is an end view thereof.

FIG. 6 is a first side view thereof.

FIG. 7 is a second side view thereof.

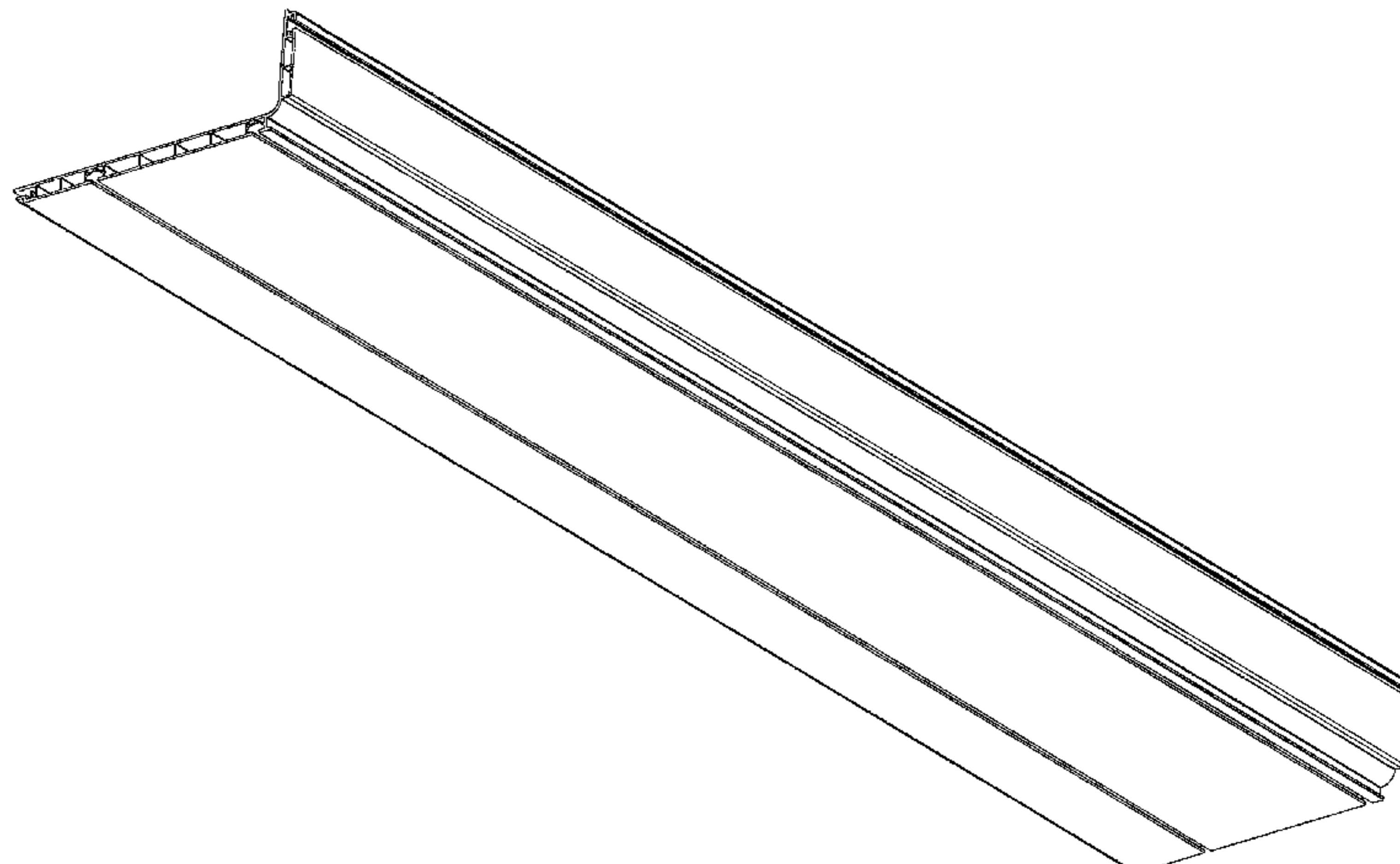
FIG. 8 is a top view thereof.

FIG. 9 is a bottom view thereof; and,

FIG. 10 is an enlarged end view thereof.

The other end view is a mirror image of that shown in FIG. 5.

**1 Claim, 9 Drawing Sheets**



# US D576,107 S

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## U.S. PATENT DOCUMENTS

5,335,349	A	8/1994	Kutsch	
5,359,143	A *	10/1994	Simon .....	174/101
5,469,893	A	11/1995	Caveney	
5,503,354	A	4/1996	Lohf	
D379,524	S *	5/1997	Leonelli .....	D25/119
5,752,781	A	5/1998	Haataja	
5,753,855	A	5/1998	Nicoli	
5,899,025	A	5/1999	Casey	
5,923,753	A	7/1999	Haataja	
5,937,131	A	8/1999	Haataja	
5,995,699	A	11/1999	Vargas	
6,037,538	A	3/2000	Brooks	
6,037,543	A	3/2000	Nicoli	
6,076,779	A	6/2000	Johnson	
6,107,575	A	8/2000	Miranda	
6,198,047	B1	3/2001	Barr	
6,239,357	B1 *	5/2001	Mabry et al. ....	174/5 R
6,437,244	B1 *	8/2002	Vander Velde .....	174/68.3
6,450,458	B1	9/2002	Bernard	
6,476,323	B2 *	11/2002	Beebe et al. ....	174/72 A
6,522,823	B1	2/2003	Wentworth	
6,535,683	B1	3/2003	Johnson	
6,559,378	B1	5/2003	Bernard	
6,625,373	B1	9/2003	Wentworth	
6,631,875	B1	10/2003	Kampf	
6,634,605	B2	10/2003	Bernard	
6,708,918	B2	3/2004	Ferris et al.	
6,709,186	B2	3/2004	Ferris	
6,715,719	B2	4/2004	Nault	
6,727,434	B2	4/2004	Jadaud	
6,739,795	B1	5/2004	Haataja	
7,034,227	B2	4/2006	Fox	
7,045,707	B1	5/2006	Galasso	
D539,754	S *	4/2007	Makwinski et al. ....	D13/155
2002/0096606	A1	7/2002	Bernard	
2003/0047343	A1 *	3/2003	Ferris .....	174/68.3
2004/0124321	A1	7/2004	Kampf	
2007/0092196	A1	4/2007	Bayazit	

## FOREIGN PATENT DOCUMENTS

DE                    37 42 448 A1        6/1989

DE	296 10 947	U1	8/1996
EP	0 863 594	A2	9/1998
EP	0 933 850	A1	8/1999
FR	2 238 828		2/1975
FR	2 735 557	A1	12/1996
JP	5-172281	A	7/1993
SU	1272387	A1	11/1986

## OTHER PUBLICATIONS

ADC Telecommunications brochure entitled "FiberGuide® Fiber Management Systems," 33 pages, dated Oct. 1995.  
 Warren & Brown & Staff brochure pages entitled "lightpaths," Issue 2, 11 pages, dated 1995.  
 ADC Telecommunications brochure entitled "Fiber Guide™ Fiber Management System," 6 pages, dated Jun. 1989.  
 ADC Telecommunications brochure entitled "ADC FiberGuide® System Express Exit™ 2x2," 2 pages, dated May 1999.  
 ADC Telecommunications brochure entitled "FiberGuide® Fiber Management Systems," 37 pages, dated Jun. 1998.  
 ADC Telecommunications brochure entitled FiberGuide® Fiber Management Systems, 56 pages, dated Sep. 2000.  
 ADC Telecommunications brochure entitled FiberGuide® Fiber Management Systems, 90 pages, dated May 2005.  
 U.S. Appl. No. 29/276,478 filed on Jan. 26, 2007.  
 U.S. Appl. No. 29/276,480 filed on Jan. 26, 2007.  
 U.S. Appl. No. 29/276,481 filed on Jan. 26, 2007.  
 U.S. Appl. No. 29/276,482 filed on Jan. 26, 2007.  
 U.S. Appl. No. 29/276,483 filed on Jan. 26, 2007.  
 U.S. Appl. No. 29/276,485 filed on Jan. 26, 2007.  
 U.S. Appl. No. 29/276,486 filed on Jan. 26, 2007.  
 U.S. Appl. No. 29/276,487 filed on Jan. 26, 2007.  
 U.S. Appl. No. 29/276,488 filed on Jan. 26, 2007.  
 U.S. Appl. No. 29/276,490 filed on Jan. 26, 2007.  
 U.S. Appl. No. 29/276,489 filed on Jan. 26, 2007.  
 U.S. Appl. No. 29/276,507 filed on Jan. 26, 2007.  
 U.S. Appl. No. 11/698,799 filed on Jan. 26, 2007.  
 Various Components of ADC's 4x4 FiberGuide® System (admitted prior art as of the filing date of the present application).  
 Various Components of ADC's 4x6 FiberGuide® System (admitted prior art as of the filing date of the present application).  
 Various Components of ADC's 4x12 FiberGuide® System (admitted prior art as of the filing date of the present application).

\* cited by examiner

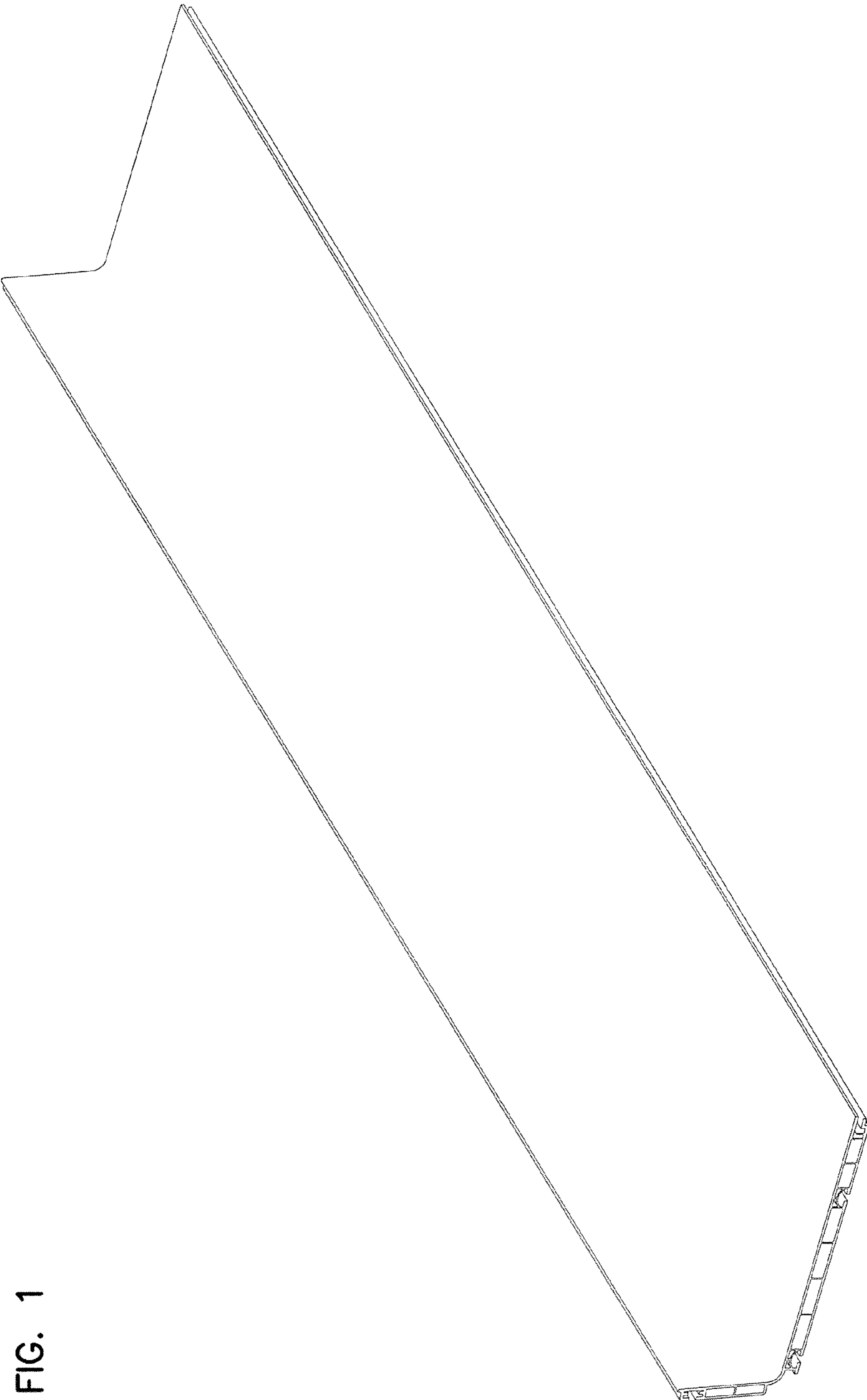


FIG. 1

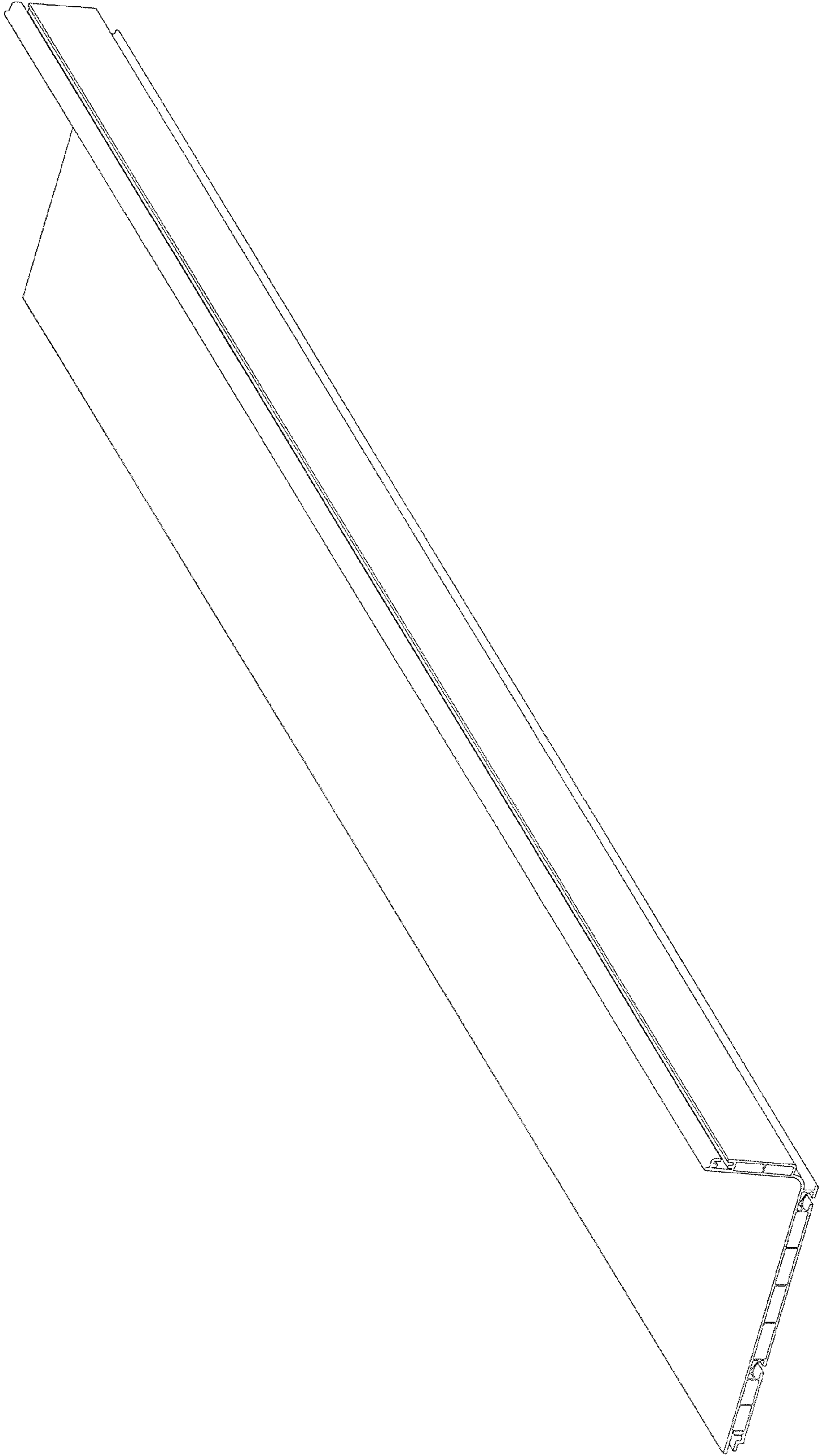


FIG. 2

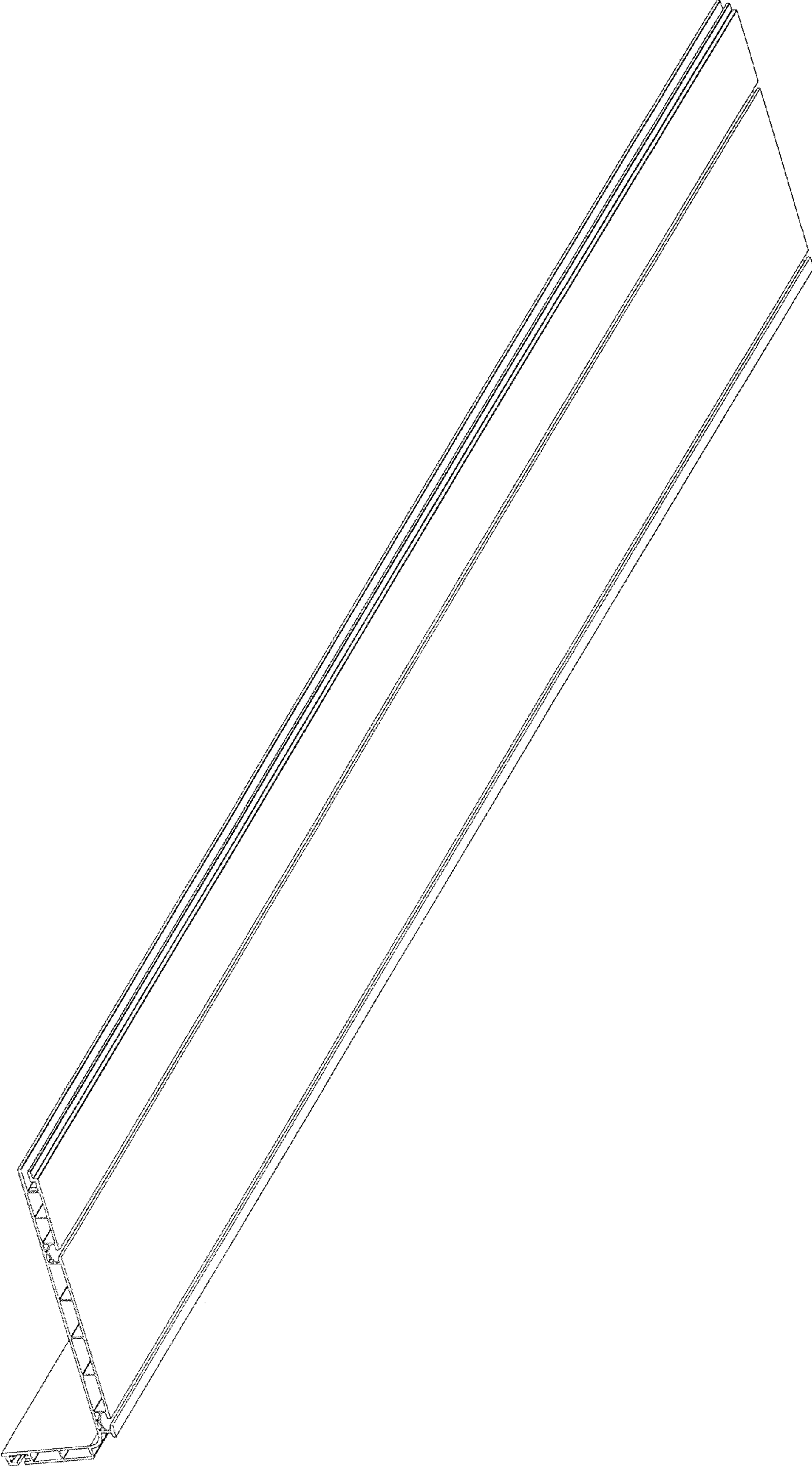


FIG. 3

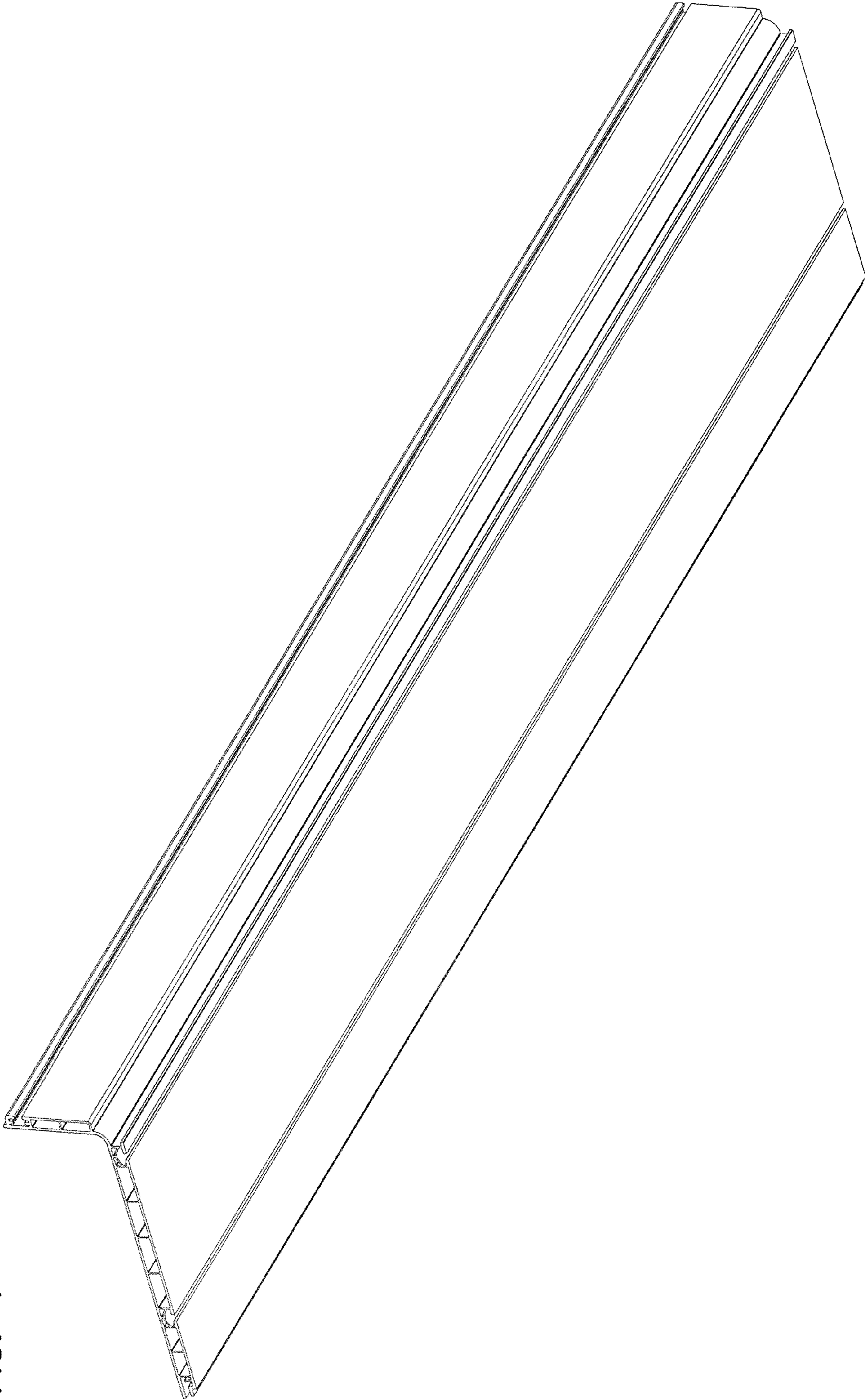


FIG. 4

FIG. 5

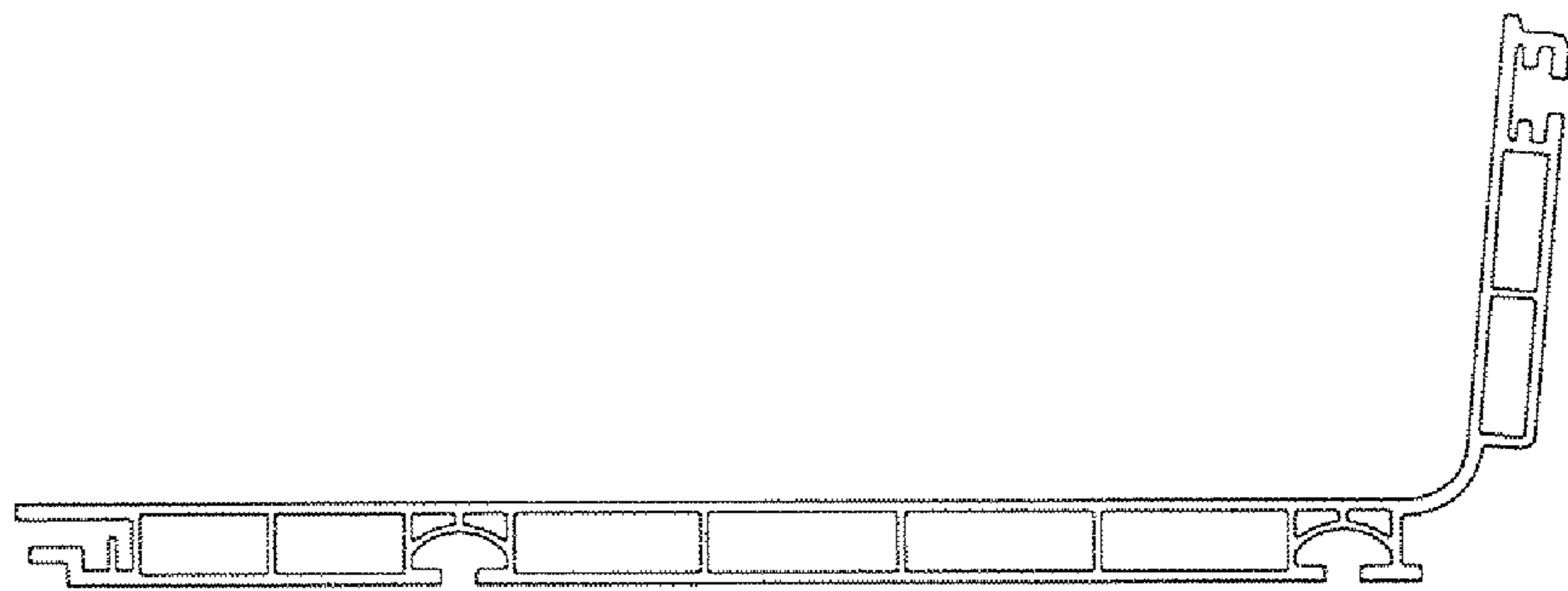


FIG. 6

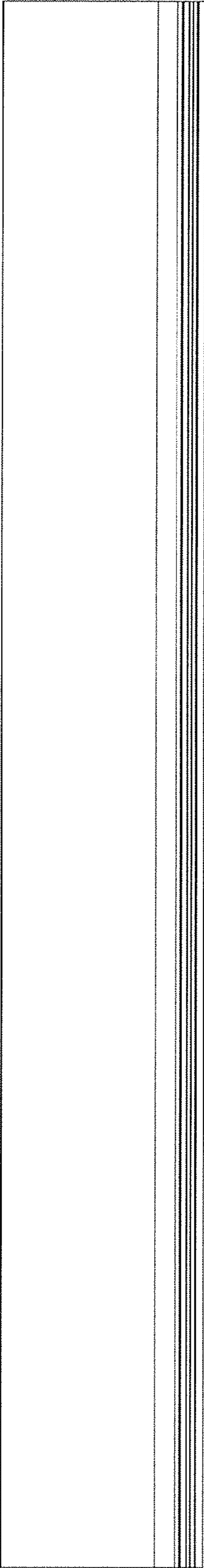


FIG. 7

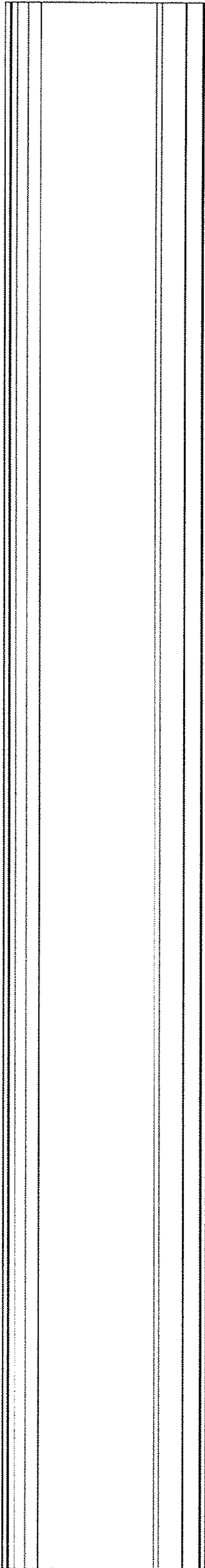




FIG. 8

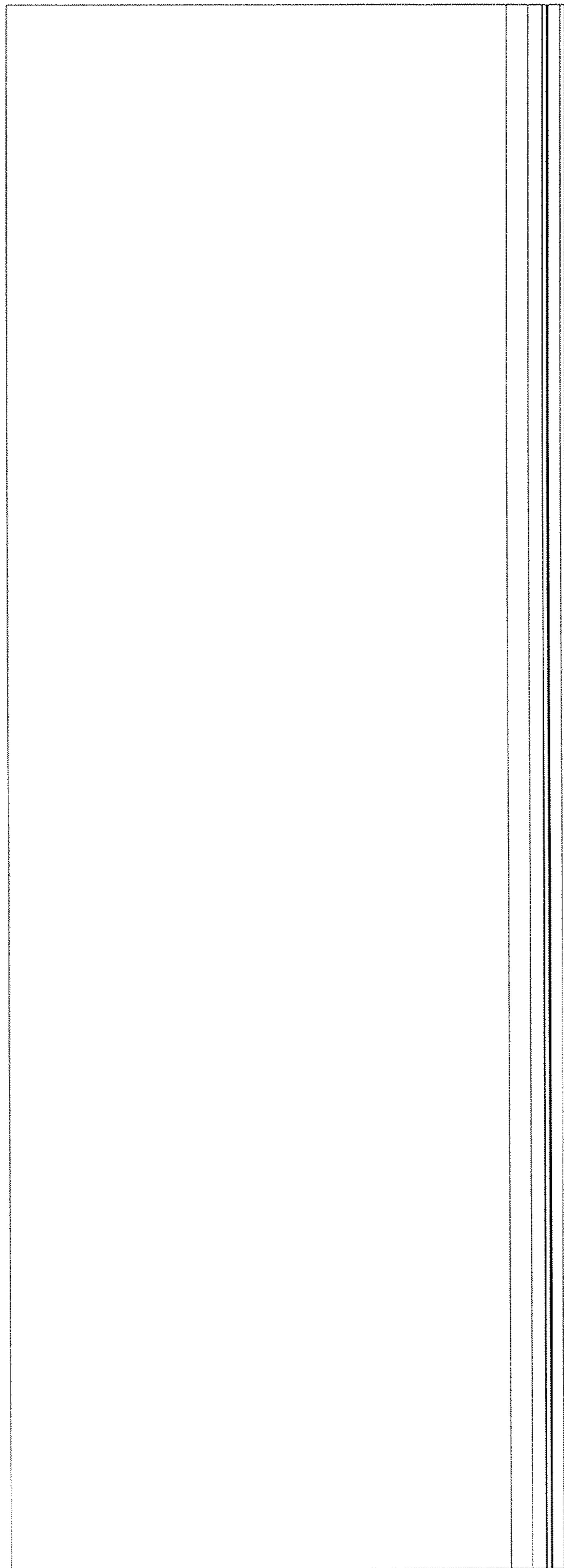
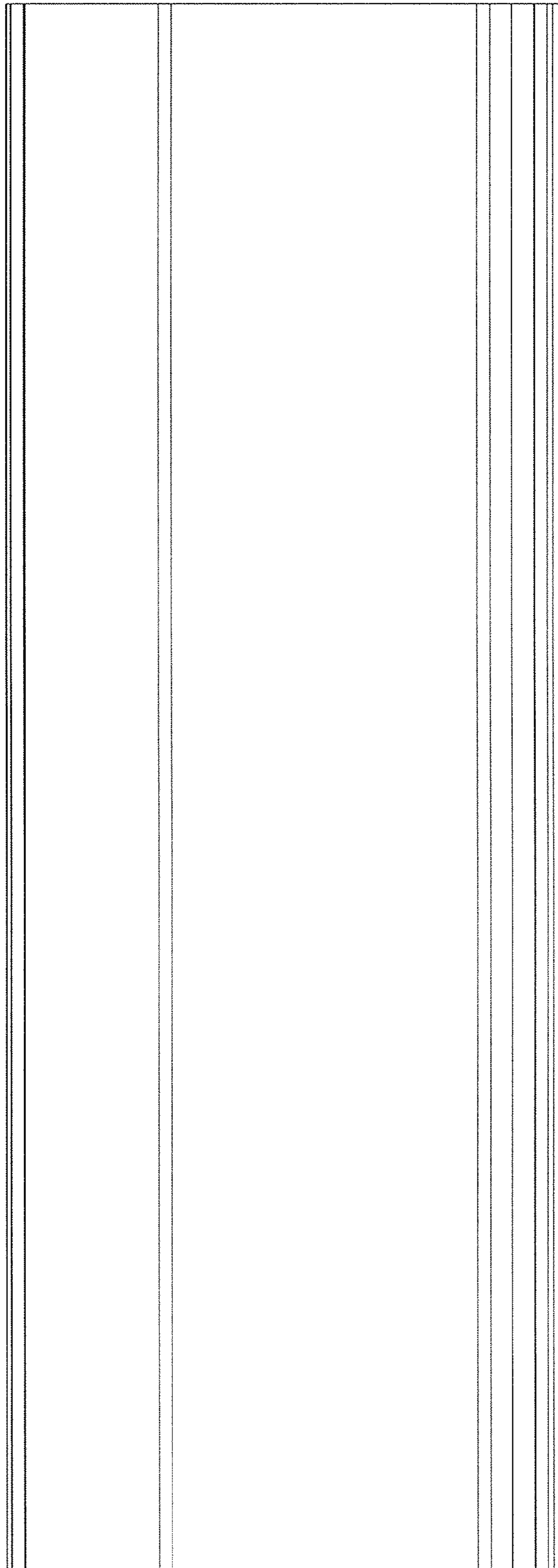


FIG. 9



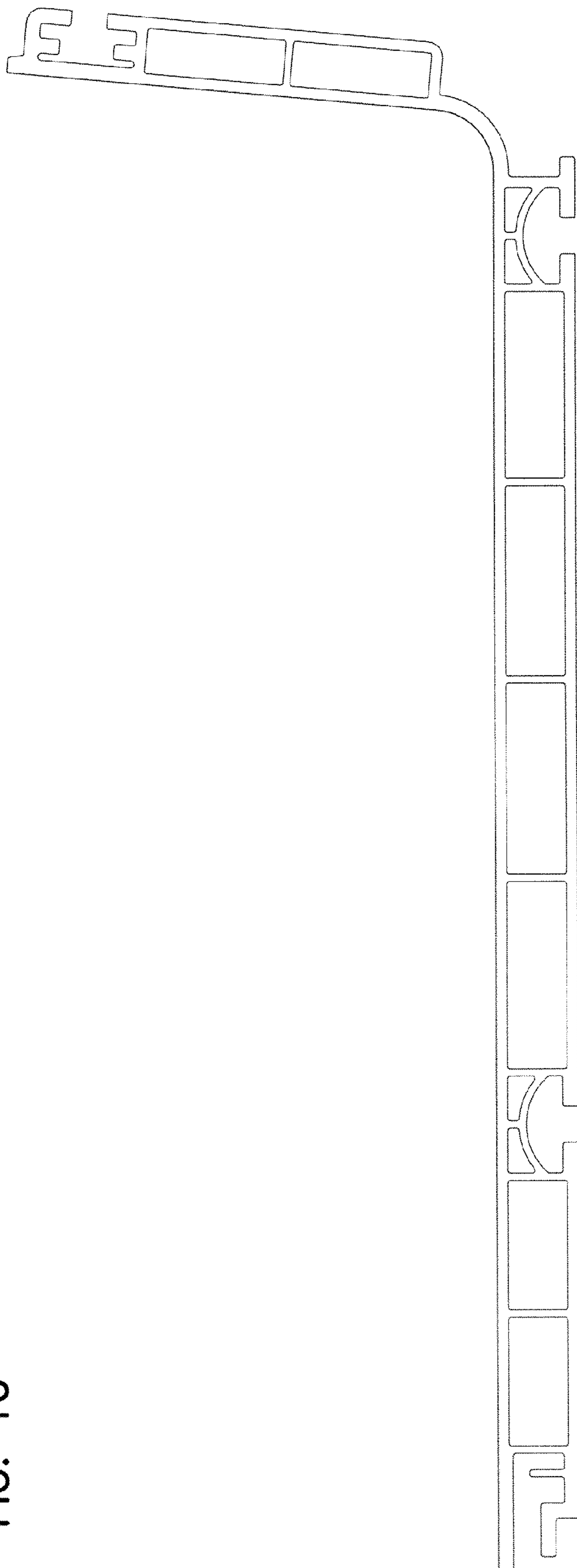


FIG. 10