



US00D815308S

(12) **United States Design Patent** (10) **Patent No.:** **US D815,308 S**
Schuit et al. (45) **Date of Patent:** **** Apr. 10, 2018**

(54) **TRIMRAIL EXTRUSION**

E04B 2/765; E04B 2/7854; E04B 2/7863;
E04B 2/7872; E04B 2/7881; E04B 2/789;
(Continued)

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(US)

(56) **References Cited**

U.S. PATENT DOCUMENTS

(73) Assignee: **Unirac Inc.**, Albuquerque, NM (US)

D220,090 S * 3/1971 van den Broek D25/125
D251,443 S * 3/1979 Bancroft D25/125
(Continued)

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

FOREIGN PATENT DOCUMENTS

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(22) Filed: **Nov. 15, 2016**

(51) **LOC (11) Cl.** **25-02**

(52) **U.S. Cl.**
USPC **D25/124**

(58) **Field of Classification Search**
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D12/223, 400; D34/35; D20/42–44;
D26/138; D8/349, 354, 376, 377, 378,
D8/380, 381, 382; D6/702, 709, 712,
D6/719
CPC ... E04C 3/00; E04C 3/005; E04C 3/02; E04C
3/04; E04C 3/12; E04C 3/20; E04C 3/28;
E04C 3/30; E04F 19/02; E04F 19/022;
E04F 19/026; E04F 19/028; E04F 19/04;
E04F 19/0436; E04F 19/0481; E04F
19/0486; E04F 19/06; E04F 19/061;
E06B 1/00; E06B 1/006; E06B 1/02;
E06B 1/04; E06B 1/045; E06B 1/12;
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E06B 1/62; E06B 1/70; E06B 1/702;
E06B 1/705; E06B 1/707; E04B 2/00;
E04B 2/74; E04B 2/76; E04B 2/761;
E04B 2/762; E04B 2/763; E04B 2/764;

OTHER PUBLICATIONS

U.S. Appl. No. 15/352,489, “Hybrid Solar Panel Mounting Assem-
bly With a Titled Ledge”, filed Nov. 15, 2016, Inventor Nathan
Schuit et al.

(Continued)

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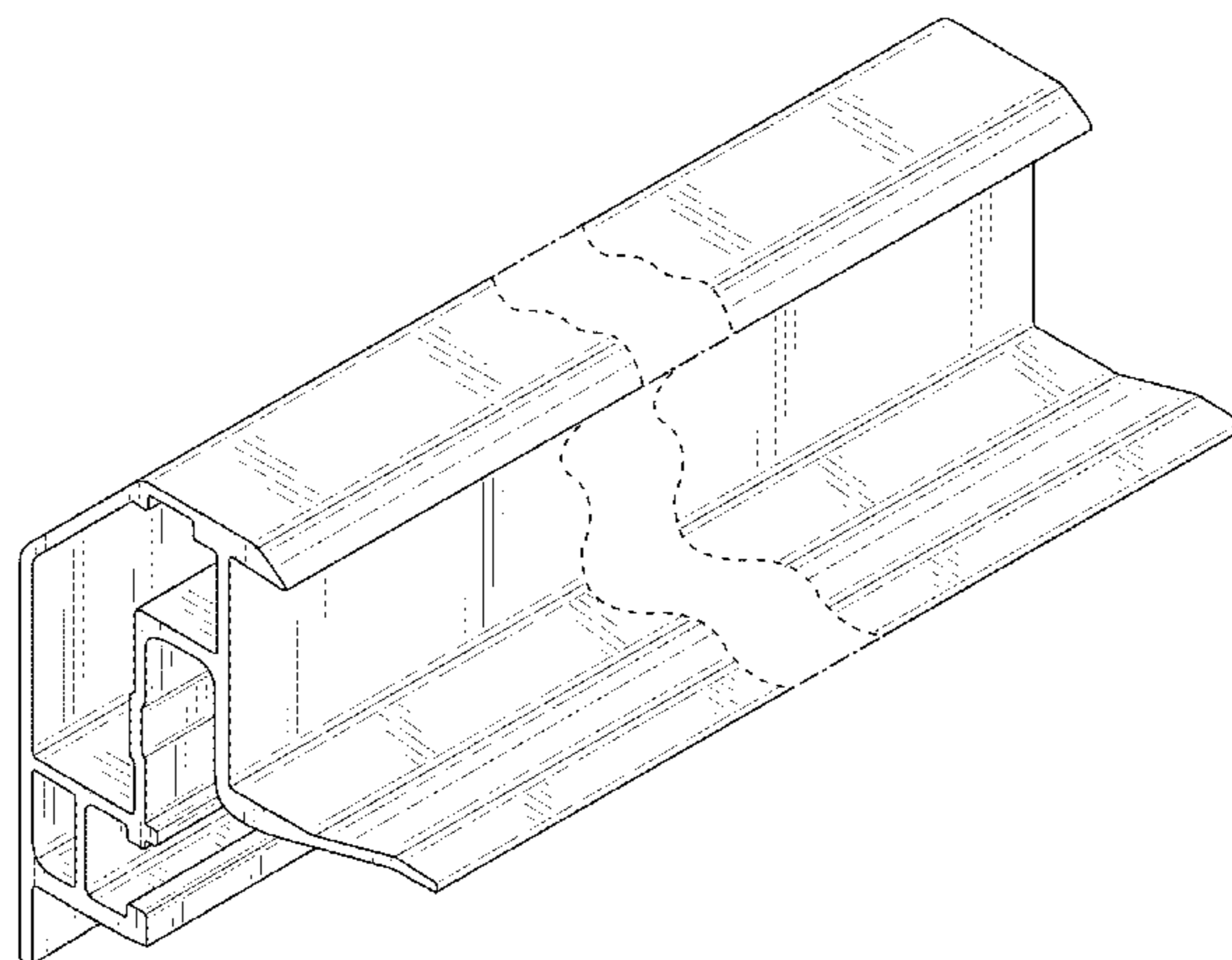
(57) **CLAIM**

The ornamental design for a trimrail extrusion, as shown and
described.

DESCRIPTION

FIG. 1 is a perspective view of a trimrail extrusion according
to the design;
FIG. 2 is a right side elevational view thereof;
FIG. 3 is a left side elevational view thereof;
FIG. 4 is a front elevational view thereof;
FIG. 5 is a rear elevational view thereof;
FIG. 6 is a top plan view thereof; and,
FIG. 7 is a bottom plan view thereof.
The trimrail extrusion is shown with a symbolic break in its
length. The appearance of any portion of the trimrail extru-

(Continued)



sion between the curved broken lines and the broken lines themselves form no part of the claimed design.

1 Claim, 7 Drawing Sheets

(58) Field of Classification Search

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See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

D251,444	S *	3/1979	Bancroft	.....	D25/125
D304,619	S *	11/1989	Hockney	.....	D25/119
D331,811	S *	12/1992	Tanikawa	.....	D25/120
D346,868	S *	5/1994	Bancroft	.....	D25/124
D384,424	S *	9/1997	Schrader	.....	D25/124
D433,459	S *	11/2000	Balchin	.....	D20/44
D552,259	S *	10/2007	Allsopp	.....	D25/119
7,596,912	B2 *	10/2009	Ito	.....	E06B 1/366 403/187
D649,264	S *	11/2011	Brabeck	.....	D25/124
8,109,048	B2	2/2012	West et al.		
8,272,174	B2	9/2012	Stearns et al.		
8,353,650	B2	1/2013	Wiley et al.		
8,375,645	B2	2/2013	Iwauchi et al.		
D691,739	S *	10/2013	Wickland	.....	D25/124
D703,762	S *	4/2014	Baldursson	.....	D20/44
8,683,761	B2	4/2014	Danning		
8,752,338	B2	6/2014	Schaefer et al.		
8,806,813	B2	8/2014	Plaisted et al.		
8,919,053	B2	12/2014	West		
8,935,893	B2	1/2015	Liu et al.		
8,938,932	B1	1/2015	Wentworth et al.		
8,943,765	B2	2/2015	Danning et al.		
9,010,041	B2	4/2015	Danning		
9,076,899	B2	7/2015	Schrock		
9,080,792	B2	7/2015	Patton et al.		
9,097,443	B2	8/2015	Liu et al.		
9,166,524	B2	10/2015	West et al.		
9,413,286	B2	8/2016	Danning		
9,431,953	B2	8/2016	Stearns et al.		
D767,790	S *	9/2016	Chaney	.....	D25/124
D767,794	S *	9/2016	Libreiro	.....	D25/125
9,455,662	B2	9/2016	Meine		
2011/0000519	A1	1/2011	West		
2011/0000544	A1	1/2011	West		
2012/0234378	A1	9/2012	West et al.		
2012/0301661	A1	11/2012	West et al.		
2013/0048815	A1	2/2013	Wagner et al.		
2013/0048816	A1	2/2013	Wentworth et al.		
2014/0158184	A1	6/2014	West et al.		
2014/0175244	A1	6/2014	West et al.		
2015/0013237	A1	1/2015	Schaefer et al.		

2015/0034355	A1	2/2015	Patton et al.
2015/0068590	A1	3/2015	West et al.
2015/0129517	A1	5/2015	Wildes
2015/0168021	A1	6/2015	Wentworth et al.
2015/0204583	A1	7/2015	Stephan et al.
2015/0244308	A1	8/2015	Patton et al.
2015/0280638	A1	10/2015	Stephan et al.
2015/0288320	A1	10/2015	Stearns et al.
2016/0111996	A1	4/2016	Stephan et al.
2016/0218661	A1	7/2016	Meine
2016/0268958	A1	9/2016	Wildes et al.
2016/0268959	A1	9/2016	Meine et al.

OTHER PUBLICATIONS

<http://www.bing.com/images/search?q=tri+drive+nut&view=detailv2&&id=80C4DD5253315F30F57D66911B90DC49F0400179&selectedIndex=31&ccid=cbD7XbBT&simid=608041072270839485&thid=OIP.M71b0fb5db053c5ecc513da6b6e2490f0o0&ajaxhist=0>, 1 page, retrieved Apr. 1, 2016.

<http://www.bing.com/images/search?q=tri+drive+nut&view=detailv2&id=8022FC13E71E8912BE827148288920389F6F6CD8&selectedIndex=20&ccid=BOZcykR9&simid=608049022255629007&thid=OIP.M04e65cca447d644c88e172521a2b3aaf0&mode=overlay&first=1>, 1 page, retrieved Apr. 1, 2016.

<http://www.bing.com/images/search?q=tri+drive+screw&view=detailv2&&id=DD12BF8073DE720B323056059182C6D86E91F969&selectedIndex=30&ccid=j57ZZKxh&simid=607989846202122750&thid=OIP.M8f9ed964ac61774bd32abaf184c076cdo0&ajaxhist=0>, 1 page, retrieved Apr. 1, 2016.

<http://www.bing.com/images/search?q=tri-drive+socket&view=detailv2&&id=6FAC151036BABE696377D989C28380E64C9C21A2&selectedIndex=121&ccid=nm2PL70D&simid=608022930330814765&thid=OIP.M9e6d8f2fbd03832c834a197be6934bf1o0&ajaxhist=0>, 1 page, retrieved Apr. 1, 2016.

<http://www.bing.com/images/search?q=security+nut&view=detailv2&&id=4C2424531230A169ADC4DAE0F4EB8EC124253035&selectedIndex=0&ccid=ZLH08zqK&simid=608029617595547726&thid=OIP.M64b1f4f33a8aedc8c63521a0138a6f19o0&ajaxhist=0>, 1 page, retrieved Apr. 1, 2016.

* cited by examiner

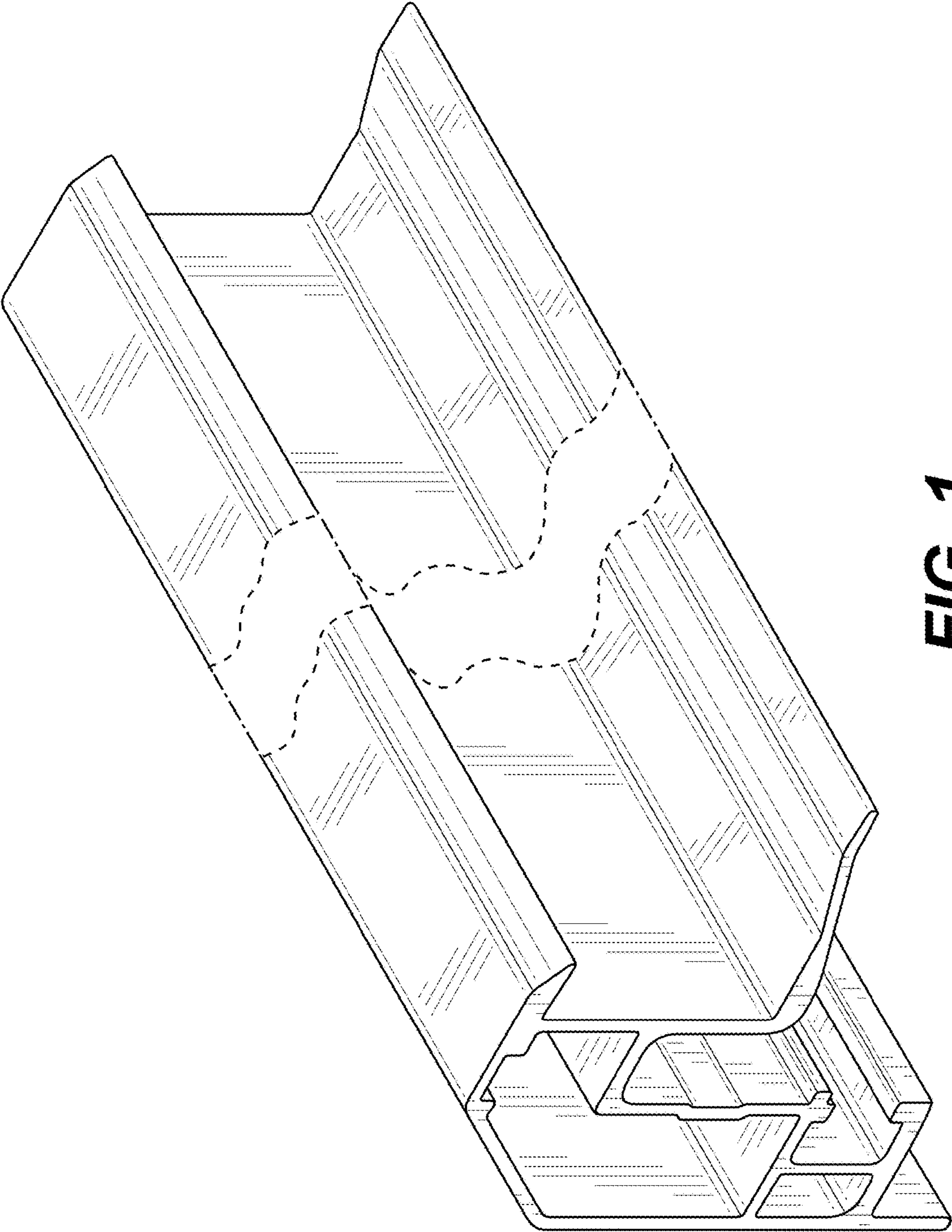


FIG. 1

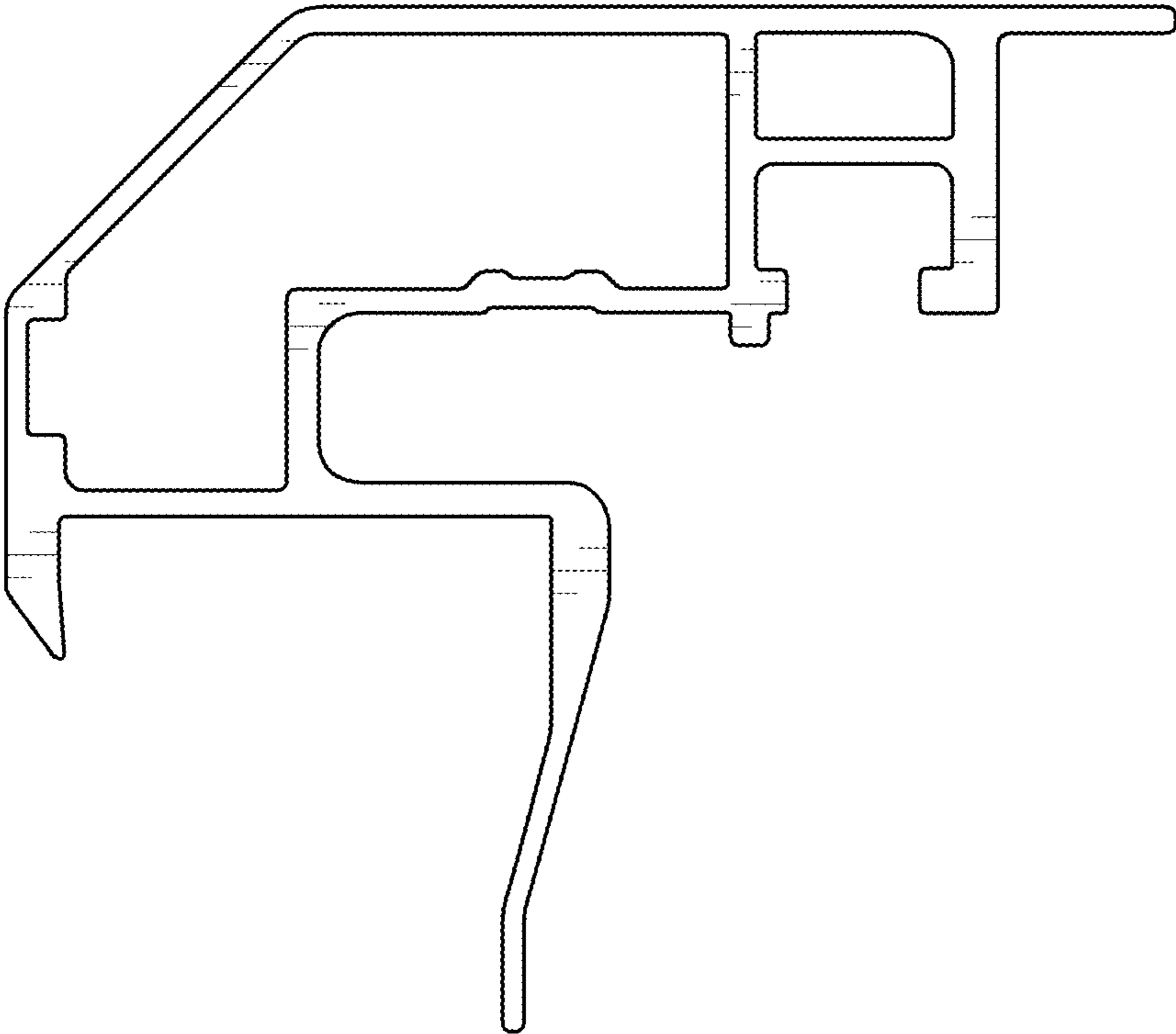


FIG. 2

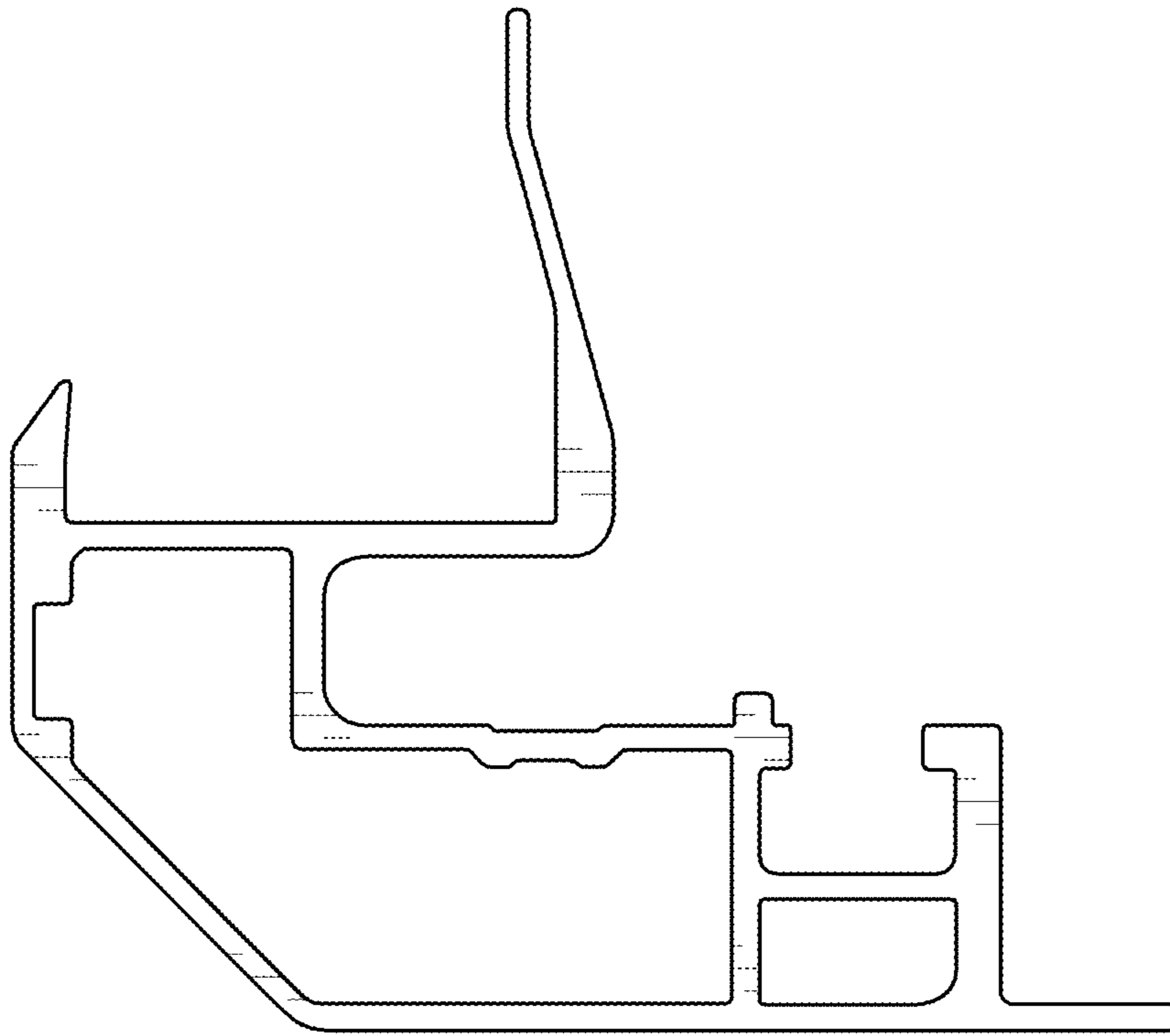


FIG. 3

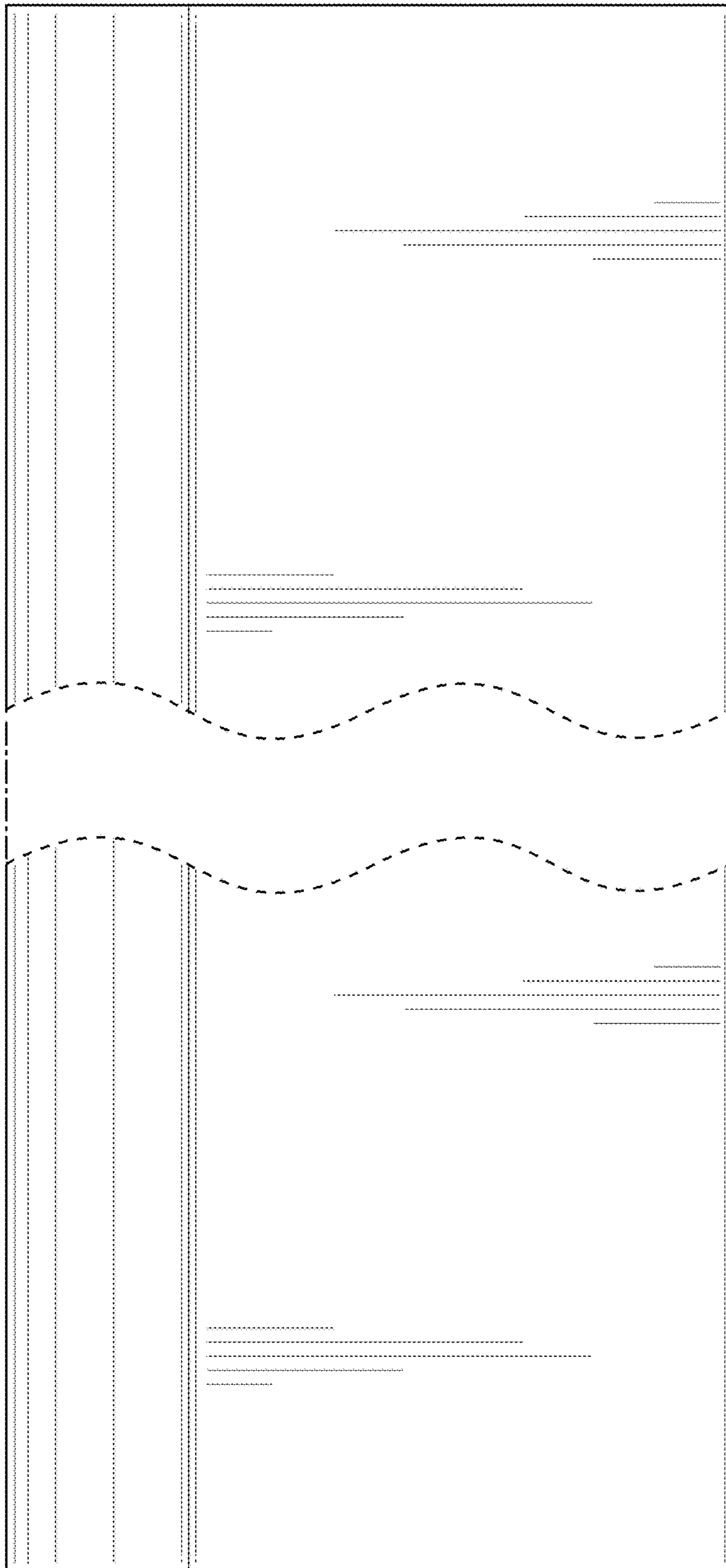


FIG. 4

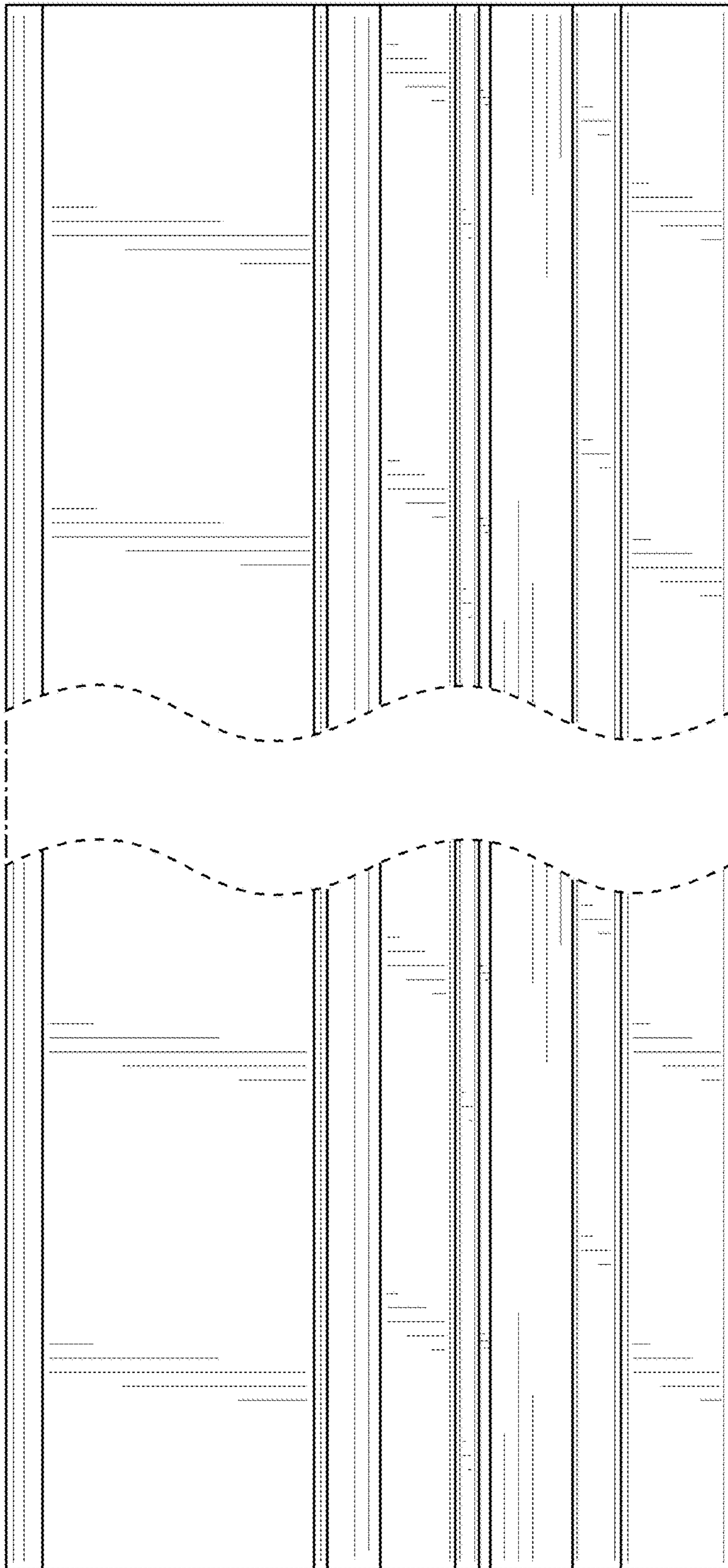


FIG. 5

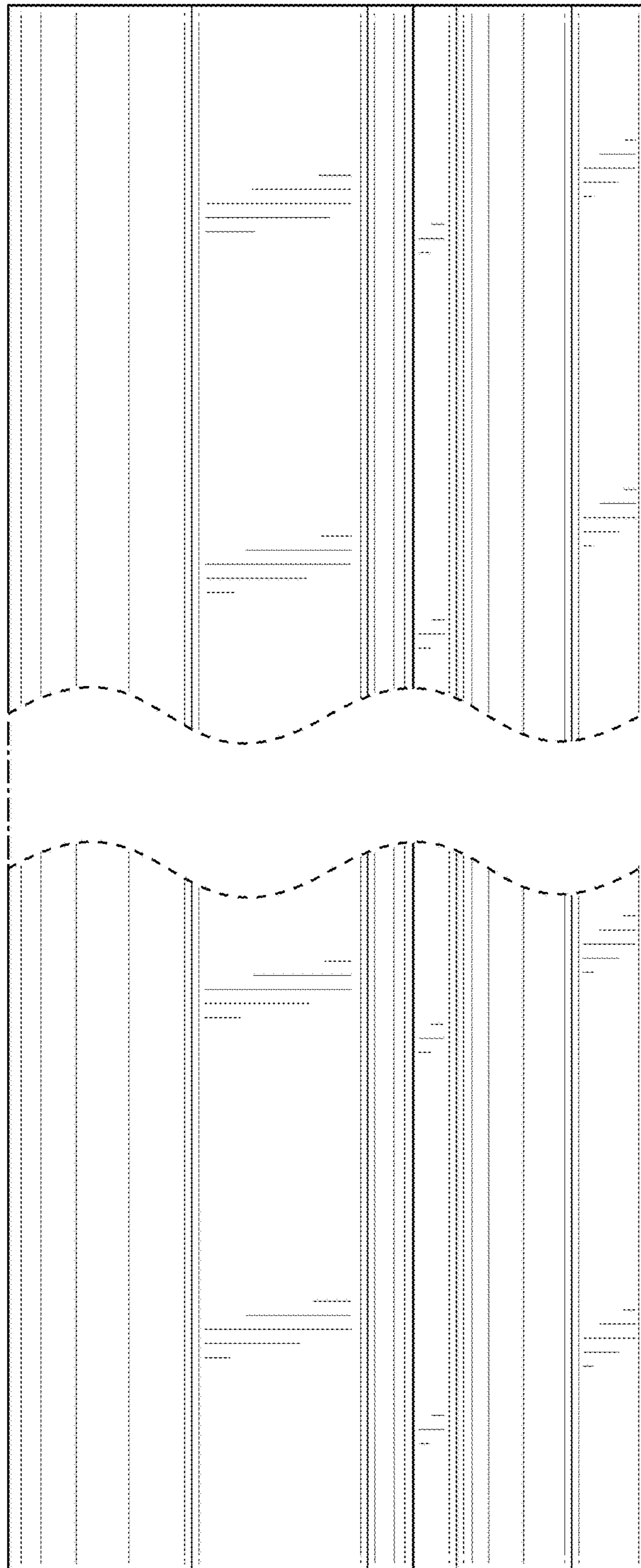


FIG. 6

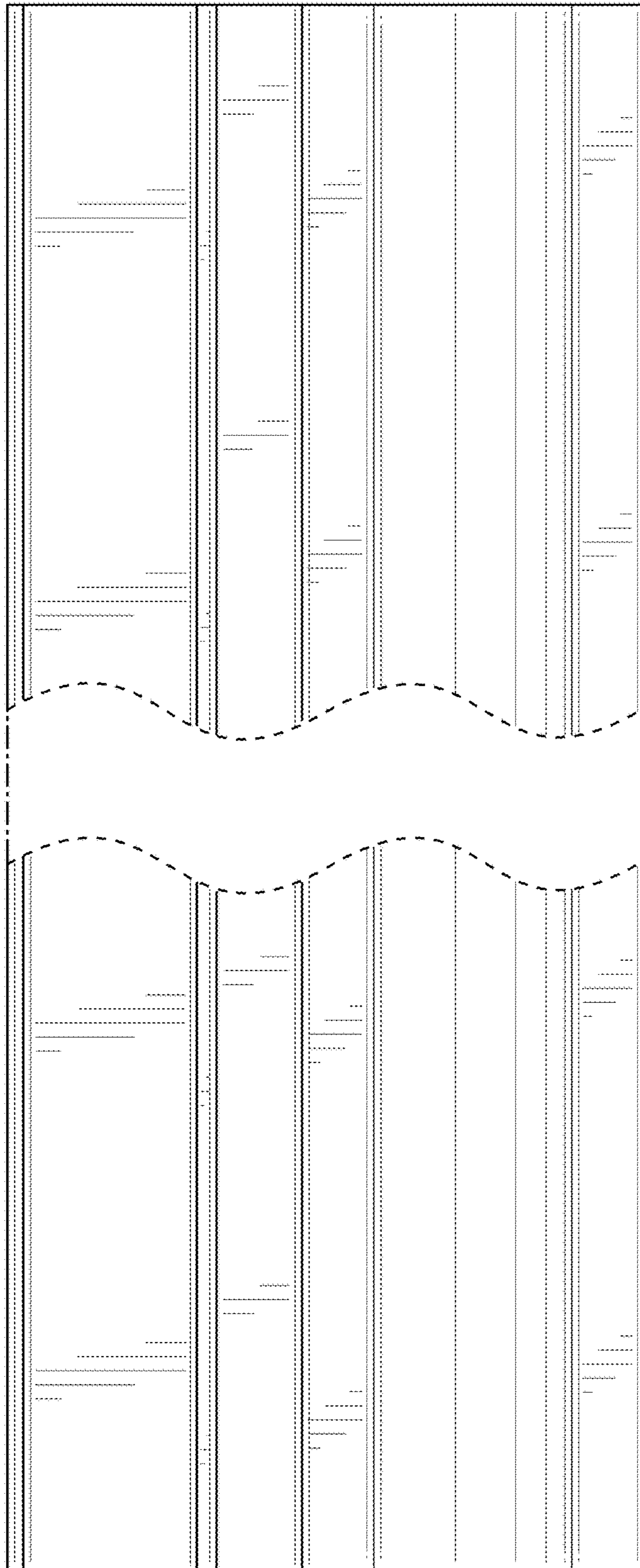


FIG. 7