



US00D872134S

(12) **United States Design Patent** (10) **Patent No.:** **US D872,134 S**  
**Norito** (45) **Date of Patent:** **\*\* Jan. 7, 2020**

(54) **RUBBER CRAWLER**  
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(\*\*) Term: **15 Years**  
(21) Appl. No.: **29/628,904**  
(22) Filed: **Dec. 8, 2017**

D514,133 S \* 1/2006 Fujita ..... D15/28  
7,201,457 B2 4/2007 Katoh et al.  
D569,393 S \* 5/2008 Tateishi ..... D15/28  
7,413,268 B2 8/2008 Katoh et al.  
D588,170 S \* 3/2009 Kumano ..... D15/28  
D604,337 S \* 11/2009 Furusawa ..... D15/28  
D613,775 S \* 4/2010 Mizusawa ..... D15/28  
D618,255 S 6/2010 Abiko  
D618,710 S \* 6/2010 Abiko ..... D15/28  
D638,447 S \* 5/2011 Ijiri ..... D15/28  
D669,503 S \* 10/2012 Nomizo ..... D15/28  
D676,068 S 2/2013 Shimozono et al.  
D694,283 S \* 11/2013 Shimozono ..... D15/28  
8,662,214 B2 3/2014 Zuchoski et al.  
D723,070 S \* 2/2015 Sugihara ..... D15/28

(Continued)

(30) **Foreign Application Priority Data**

Jun. 16, 2017 (JP) ..... 2017-012997

(51) **LOC (12) Cl.** ..... **15-03**  
(52) **U.S. Cl.**  
USPC ..... **D15/28**

(58) **Field of Classification Search**  
USPC ..... D15/10, 22-26, 28; 305/142, 125, 132,  
305/135, 195, 129, 136; 180/9.54, 9.21  
CPC ..... B62D 55/04; B62D 55/084; B62D 55/14;  
B62D 55/02; B62D 55/125; B62D 55/08;  
B62D 55/00  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

5,522,654 A 6/1996 Katoh  
5,522,655 A 6/1996 Katoh  
5,593,218 A 1/1997 Katoh et al.  
6,065,818 A 5/2000 Fischer  
6,290,009 B1 9/2001 Kondo et al.  
6,652,044 B1 11/2003 Katoh et al.  
D484,515 S 12/2003 Nishimura  
D504,656 S \* 5/2005 Green ..... D12/579  
6,964,462 B2 11/2005 Katoh et al.

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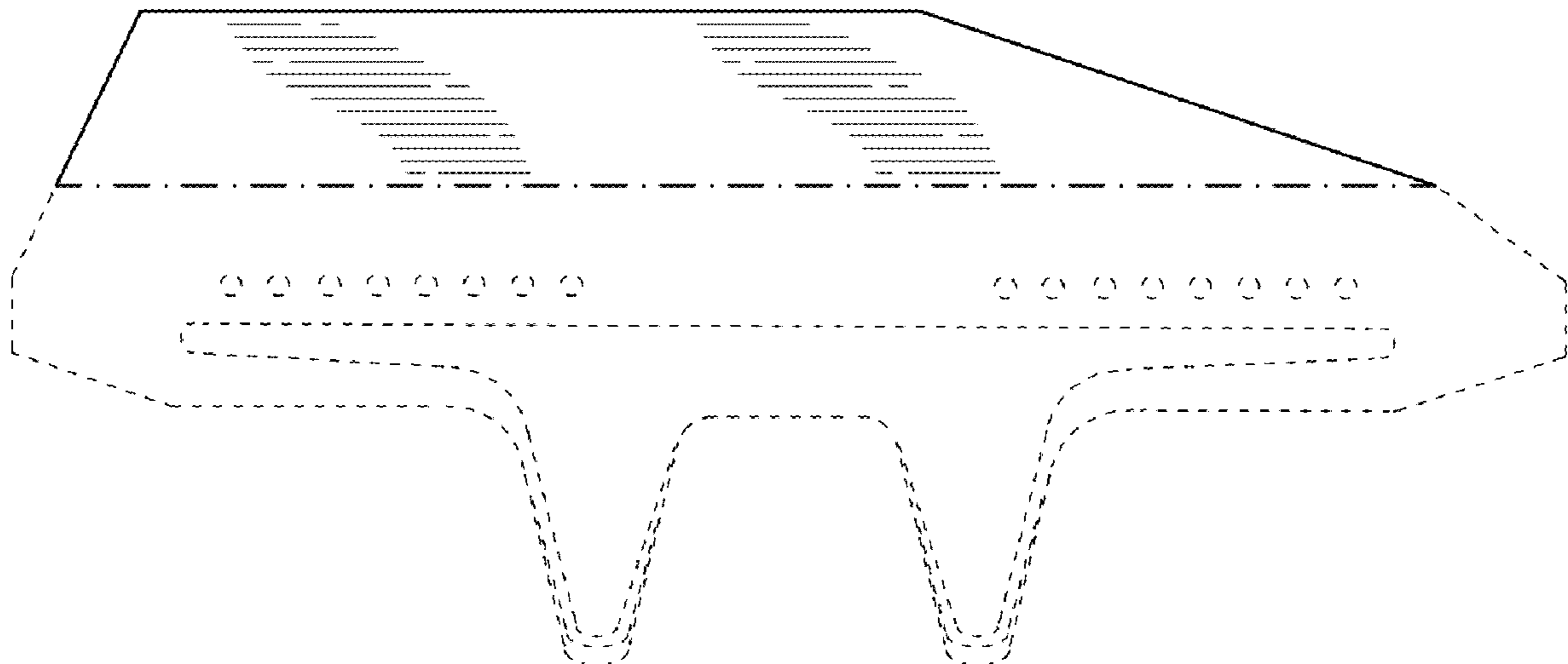
(57) **CLAIM**

The ornamental design for a rubber crawler, as shown and described.

**DESCRIPTION**

FIG. 1 is a front view of a rubber crawler showing my design;  
FIG. 2 is a left side view thereof;  
FIG. 3 is a right side view thereof;  
FIG. 4 is a top view thereof;  
FIG. 5 is a bottom view thereof;  
FIG. 6 is a rear view thereof;  
FIG. 7 is a section view taken on line X-X in FIG. 4;  
FIG. 8 is a section view taken on line Y-Y in FIG. 4; and,  
FIG. 9 is a reference view demonstrating how to use the rubber crawler.  
The broken line showing of a rubber crawler is included for the purpose of illustrating unclaimed portions of the rubber crawler and forms no part of the claimed design.

**1 Claim, 9 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D724,627	S	*	3/2015	Ijiri .....	D15/28
D724,628	S	*	3/2015	Tateishi .....	D15/28
D811,448	S	*	2/2018	Mutsuo .....	D15/28
D821,453	S	*	6/2018	Nagamoto .....	D15/28
D827,678	S	*	9/2018	Choi .....	D15/28
D827,679	S	*	9/2018	Choi .....	D15/28
D827,680	S	*	9/2018	Choi .....	D15/28
D827,681	S	*	9/2018	Choi .....	D15/28

\* cited by examiner

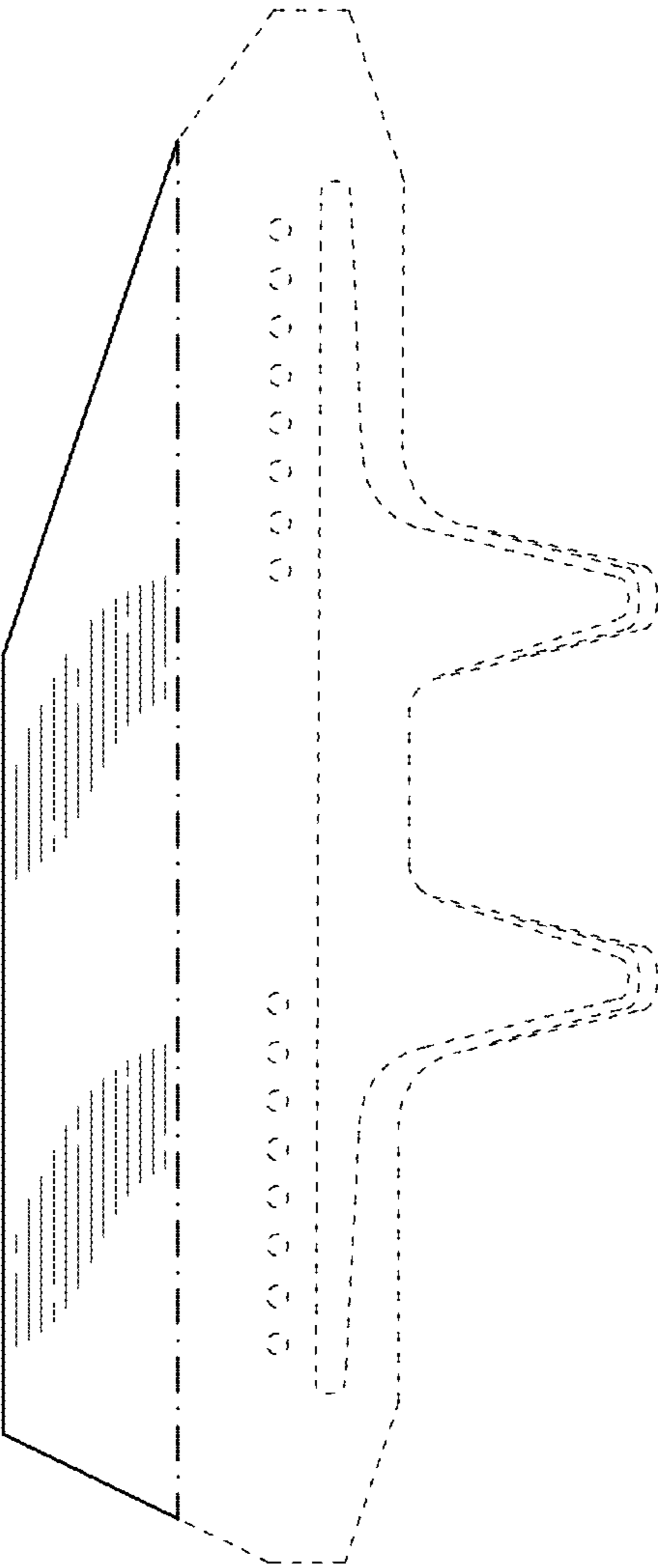


FIG. 1

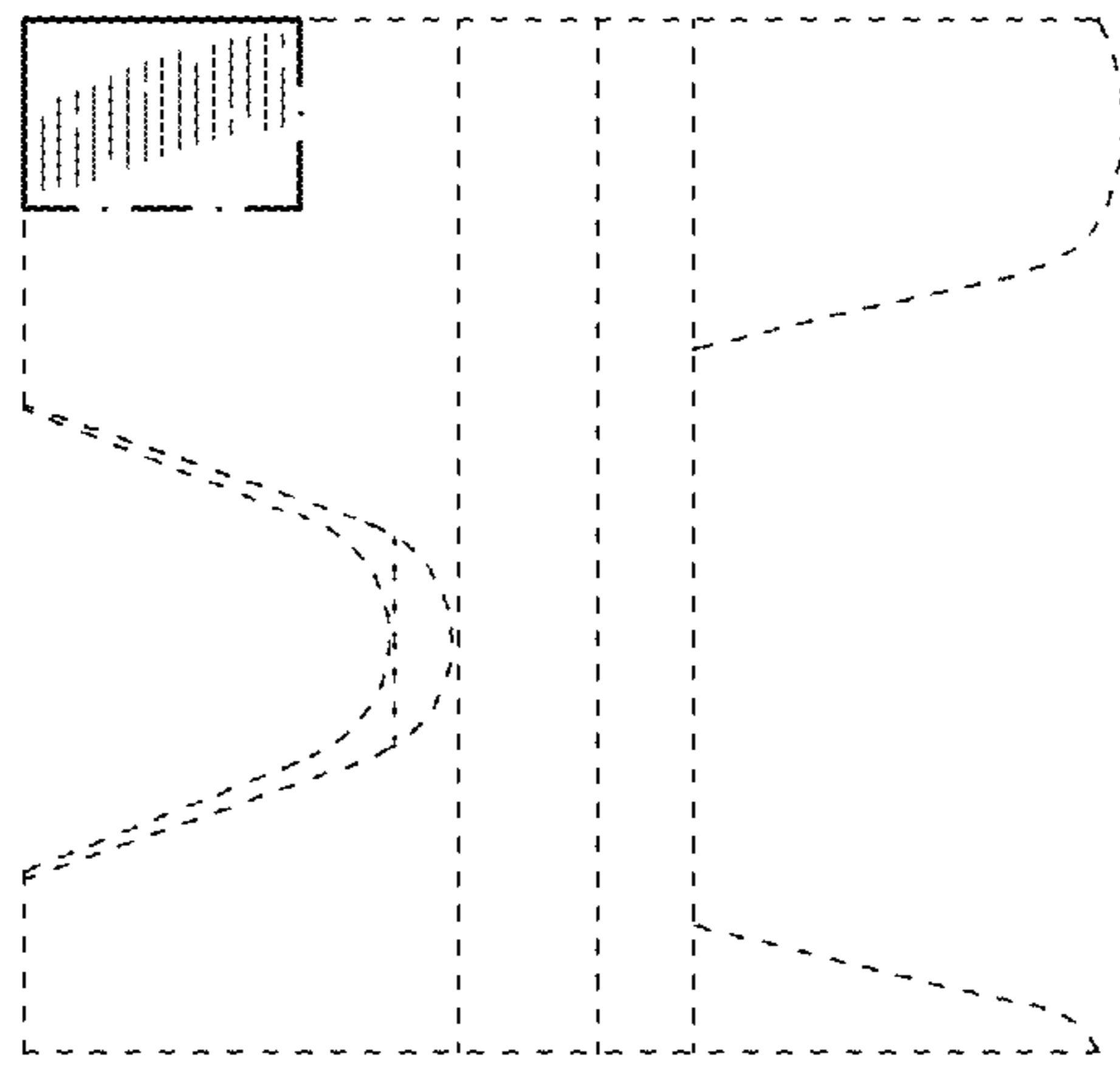


FIG. 2

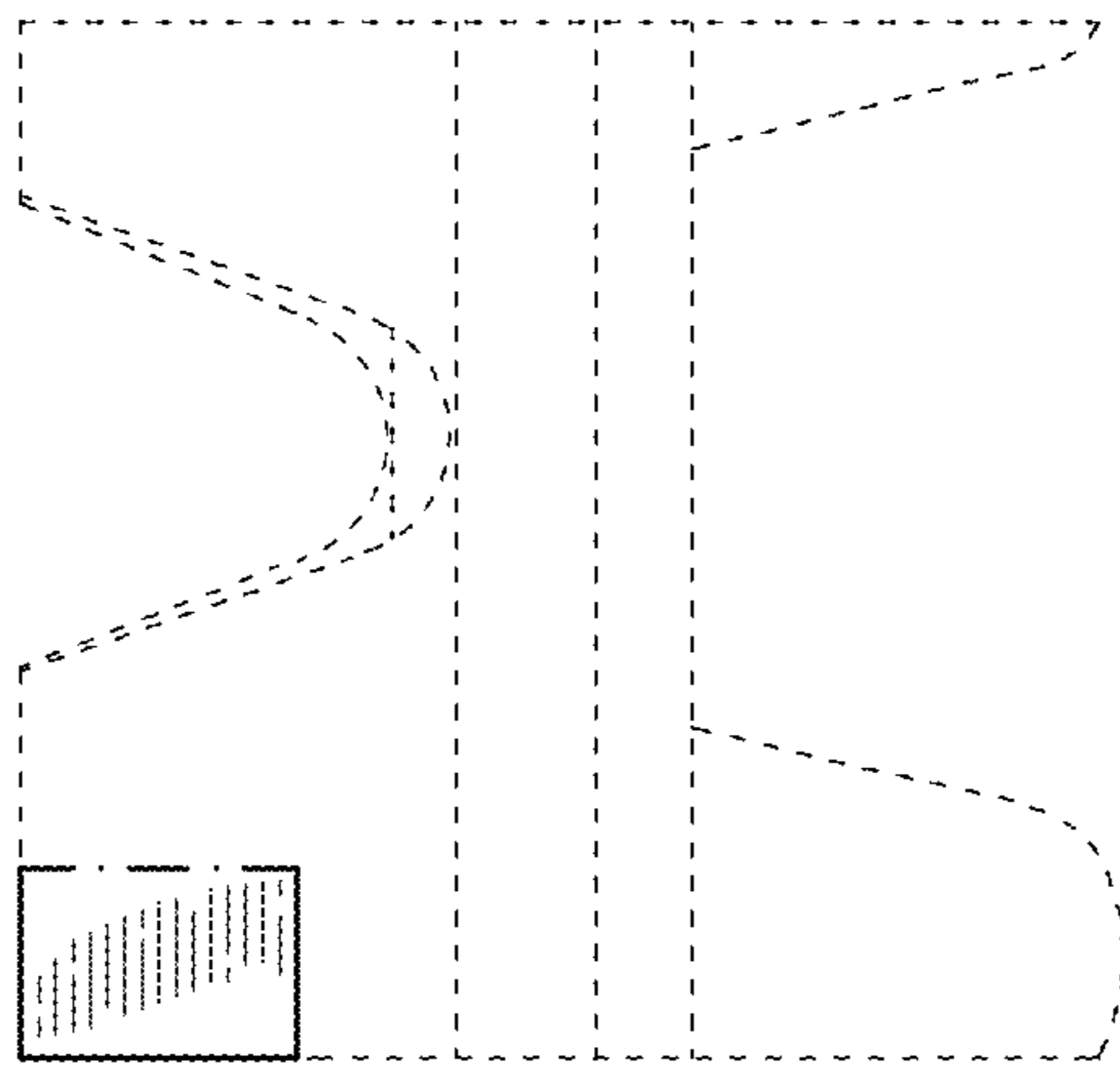


FIG. 3

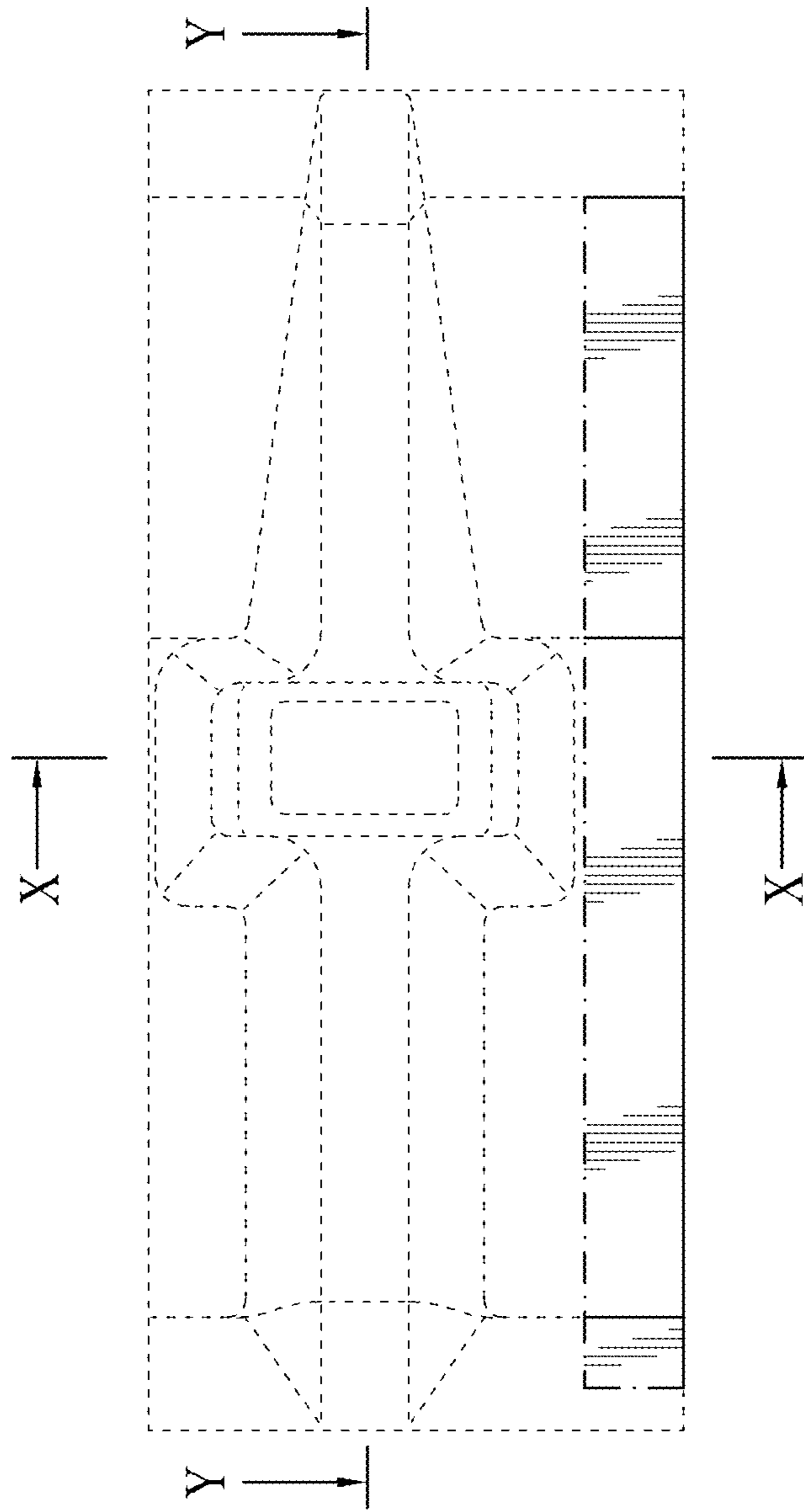


FIG. 4

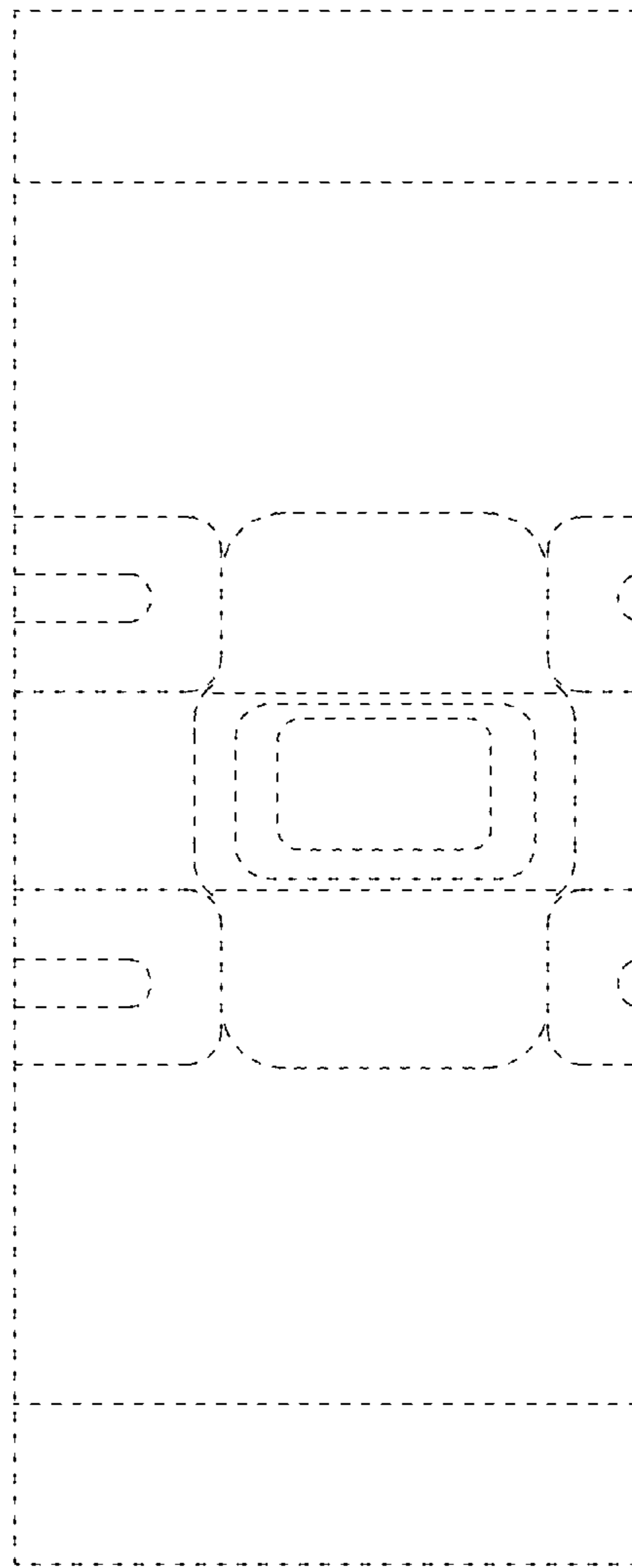


FIG. 5

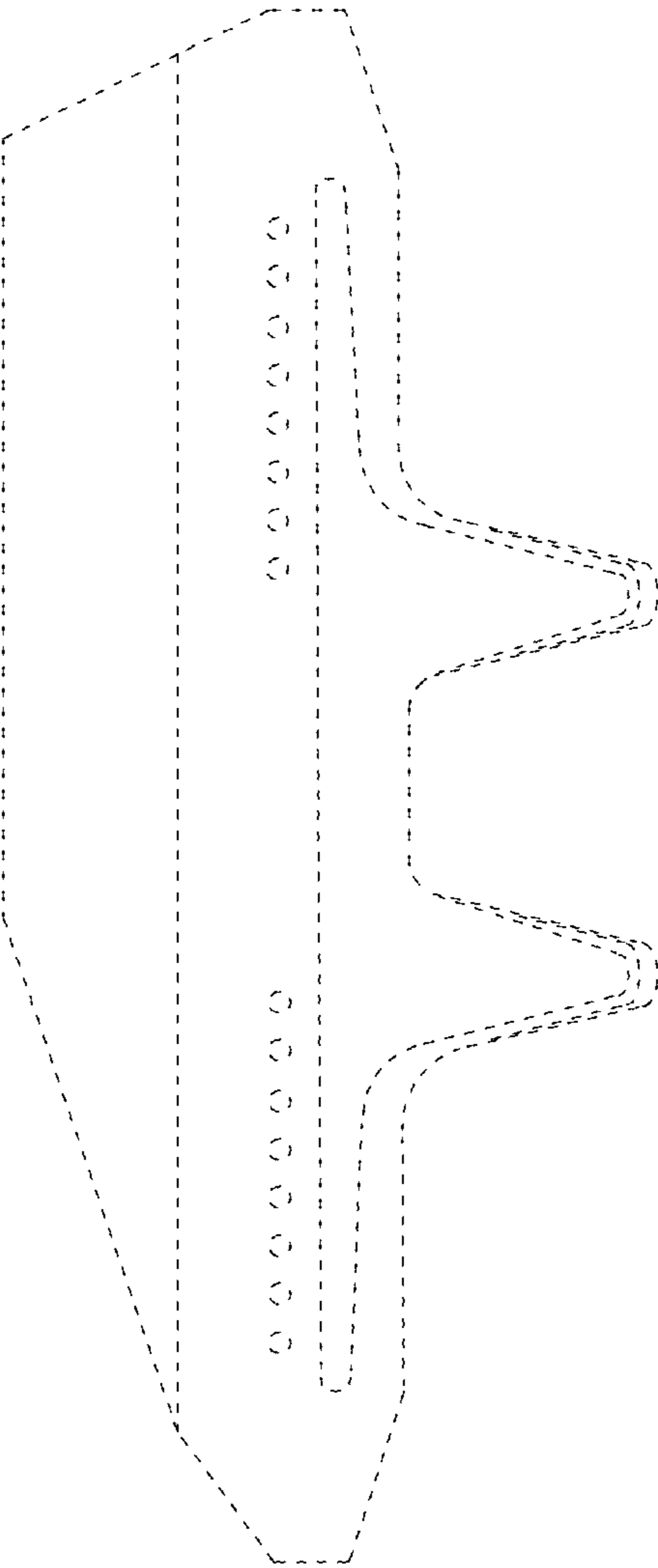


FIG. 6



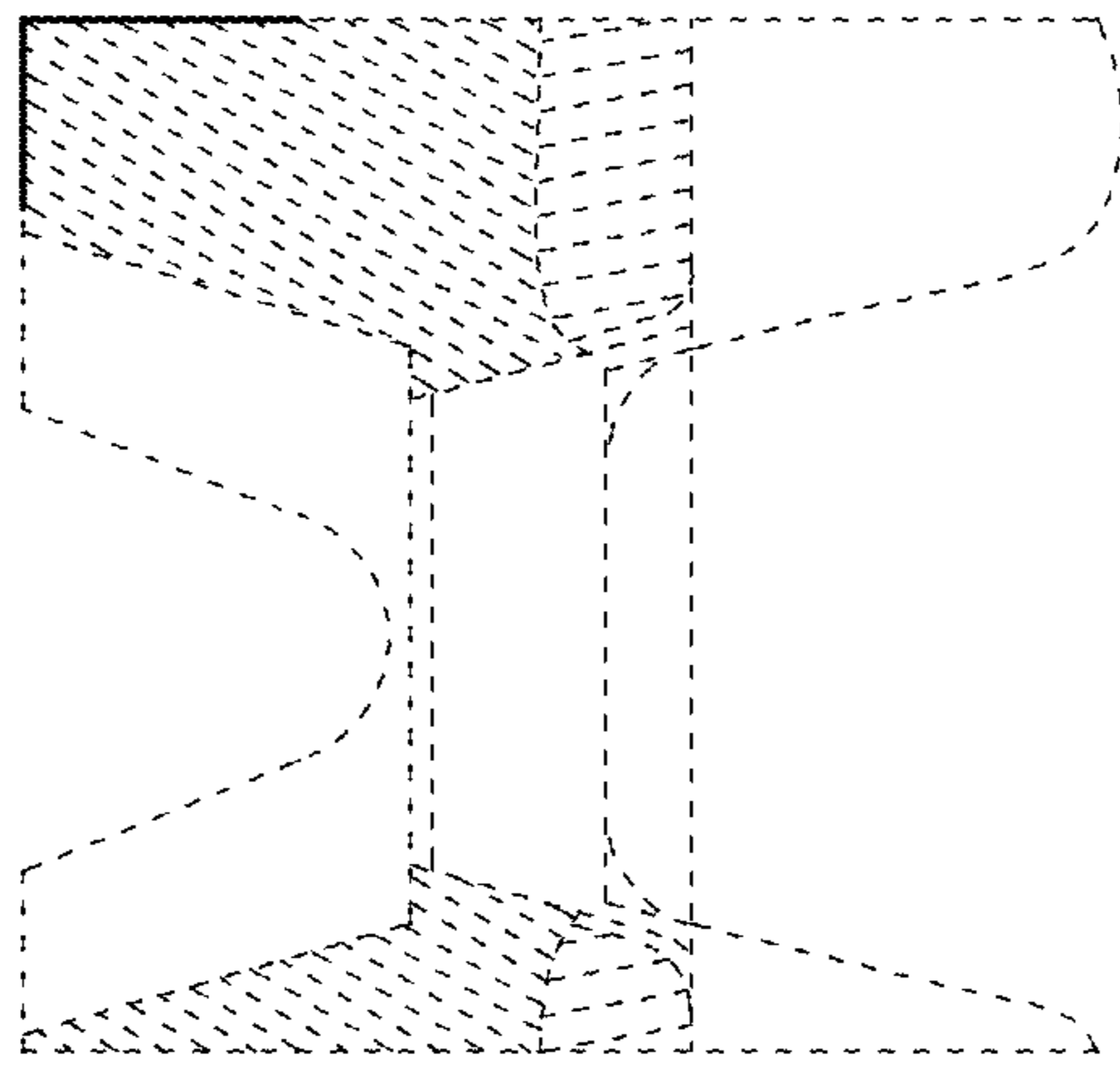


FIG. 7

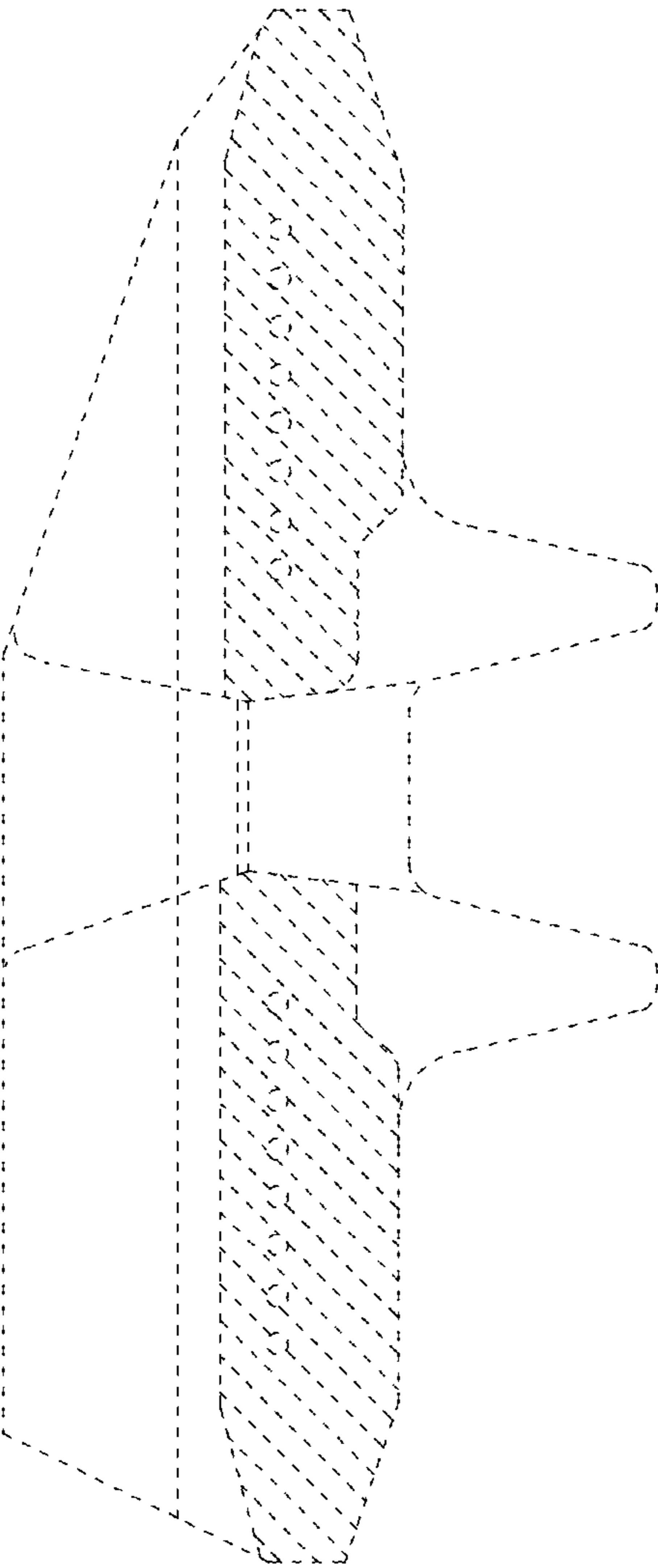


FIG. 8

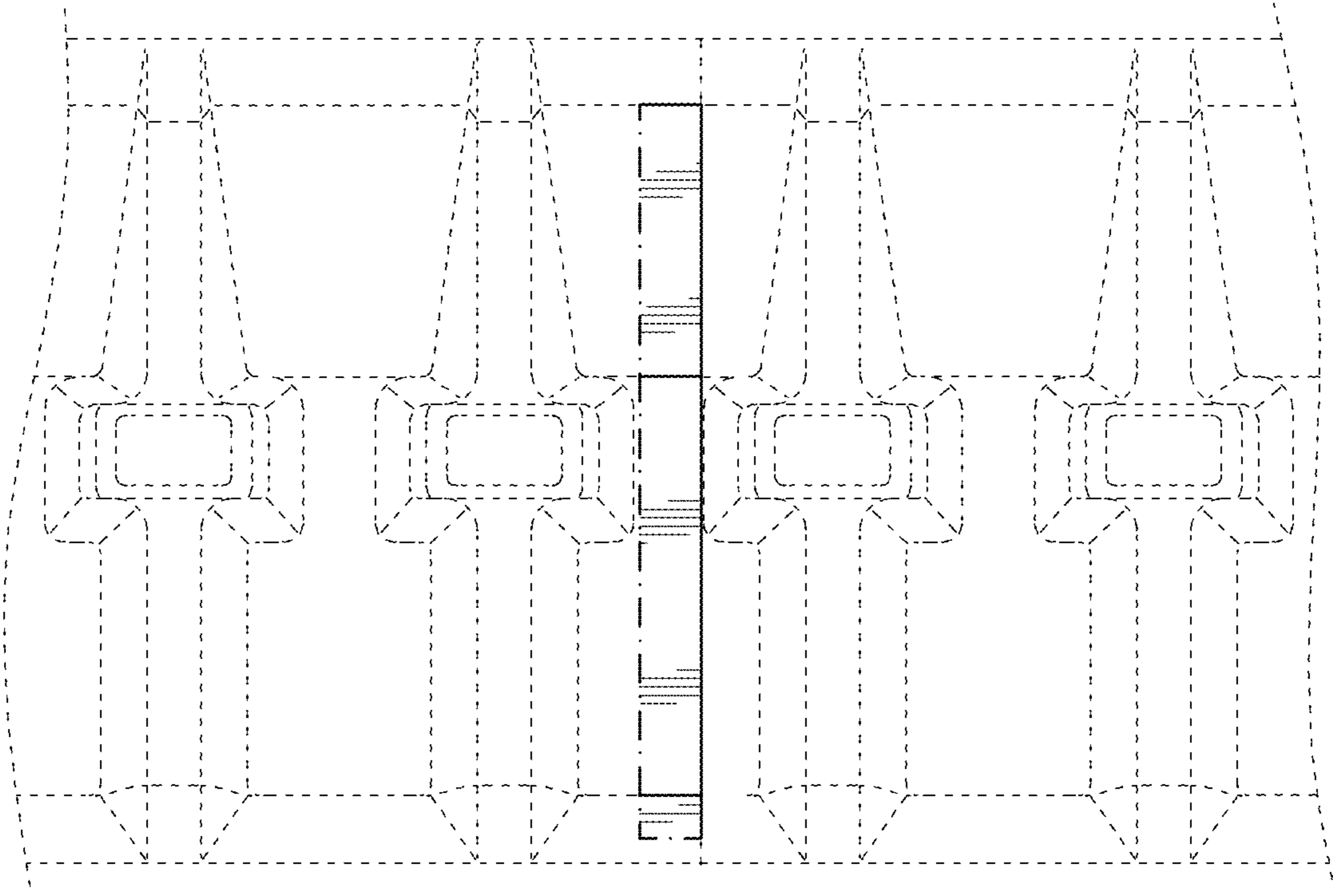


FIG. 9