



US00D966083S

(12) **United States Design Patent** (10) **Patent No.:** **US D966,083 S**
Schuknecht et al. (45) **Date of Patent:** **** Oct. 11, 2022**

(54) **MOUNTING HARDWARE**

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- (**) Term: **15 Years**
- (21) Appl. No.: **29/792,058**
- (22) Filed: **Mar. 1, 2022**

Related U.S. Application Data

- (62) Division of application No. 29/734,139, filed on May
8, 2020.
- (51) **LOC (13) Cl.** **08-11**
- (52) **U.S. Cl.**
USPC **D8/373**
- (58) **Field of Classification Search**
USPC D6/315, 317–328; D8/367, 368, 370;
361/807; 174/51; 248/122.1, 214
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

704,957 A * 7/1902 Croom A47B 96/061
248/214
D367,418 S * 2/1996 Lathrop D8/349
(Continued)

FOREIGN PATENT DOCUMENTS

JP 2012-204471 A 10/2012
KR 30-0676073 1/2013
WO DM/084 108 4/2014

OTHER PUBLICATIONS

Array Technologies, Inc. (Nov. 11, 2019). Array Technologies
Overview. YouTube. Accessed (Aug. 17, 2021). URL: <<https://www.youtube.com/watch?v=nhDWaT5MjVA>> (year: 2019).

(Continued)

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(57) **CLAIM**

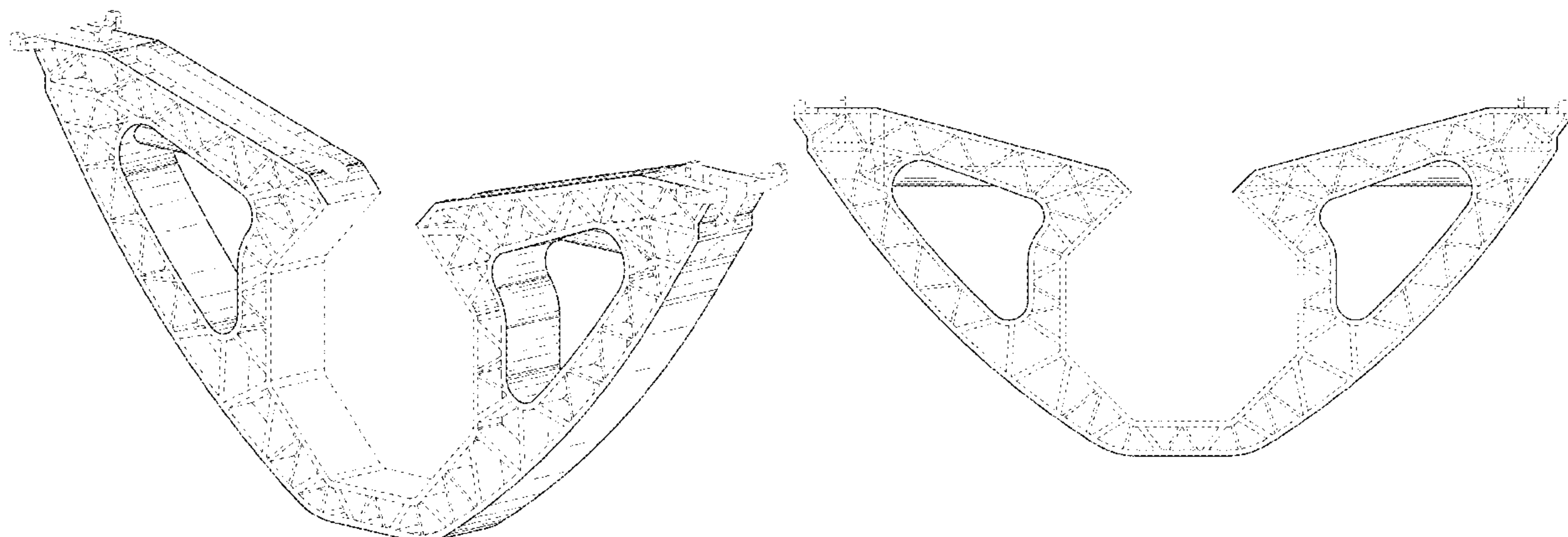
The ornamental design for a mounting hardware, as shown
and described.

DESCRIPTION

FIG. 1 is an upper perspective view of a mounting hardware,
illustrating the mounting hardware mounted to exemplary
environment;
FIG. 2 is another upper perspective view of the mounting
hardware shown in FIG. 1;
FIG. 3 is a lower perspective view of the mounting hardware
shown in FIG. 2;
FIG. 4 is a front view of the mounting hardware shown in
FIG. 2;
FIG. 5 is a rear view of the mounting hardware shown in
FIG. 2;
FIG. 6 is a left-side view of the mounting hardware shown
in FIG. 2;
FIG. 7 is a right-side view of the mounting hardware shown
in FIG. 2;
FIG. 8 is a top view of the mounting hardware shown in FIG.
2; and,
FIG. 9 is a bottom view of the mounting hardware shown in
FIG. 2.

The broken lines are for the purpose of illustration portions
of the mounting hardware that form no part of the claimed
design. The broken line showing of the torsion tube and
attachment structures in FIG. 1 illustrates the environment
of the claimed design and forms no part thereof.

1 Claim, 7 Drawing Sheets



(58) Field of Classification Search

CPC ... A47F 7/19; A47F 13/085; A47G 2025/448;
A47G 25/005; A47G 25/14; A47G
25/1442; A47G 25/16; A47G 25/25;
A47G 25/26; A47G 25/32; A47G 25/40
See application file for complete search history.

10,069,455	B2	9/2018	Corio et al.
D833,349	S	11/2018	Bowyer et al.
D839,003	S	1/2019	Boles
10,536,109	B2	1/2020	Corio
10,771,007	B2	9/2020	Corio
10,809,345	B2	10/2020	Corio
D906,698	S	1/2021	Gargan
2009/0120740	A1 *	5/2009	Drewes F16D 55/22 188/73.39

(56) References Cited

U.S. PATENT DOCUMENTS

D588,505	S	*	3/2009	Couturet		D12/111
D604,150	S		11/2009	Lee		
D608,718	S	*	1/2010	Nas		D12/223
D631,004	S		1/2011	Johnson		
D658,039	S	*	4/2012	Ghatikar		D8/354
D658,550	S	*	5/2012	Madden		D12/114
D670,004	S	*	10/2012	Nosworthy		B60G 7/008 D25/68
8,459,249	B2		6/2013	Corio		
D719,084	S	*	12/2014	Kruse		A47B 96/061 D13/102
D747,245	S	*	1/2016	Nosworthy		F24S 25/636 D12/180
9,276,521	B2		3/2016	Reed et al.		
9,281,778	B2		3/2016	Corio et al.		
9,581,678	B2		2/2017	Corio		
9,631,840	B2		4/2017	Corio		
D801,895	S		11/2017	Bowyer et al.		
10,042,030	B2		8/2018	Corio		

2010/0089389	A1	4/2010	Seery et al.
2011/0253190	A1 *	10/2011	Farnham, Jr. F24S 25/636 248/214
2013/0284867	A1 *	10/2013	Walters E04D 13/0725 248/205.1
2014/0015214	A1 *	1/2014	Galazin B60G 7/008 280/124.128
2015/0092383	A1	4/2015	Corio
2015/0200621	A1	7/2015	Reed et al.
2018/0317685	A1	11/2018	Boles

OTHER PUBLICATIONS

Array Technologies, Inc. (Nov. 11, 2019). Array Wind Mitigation. YouTube. Accessed (Aug. 17, 2021). URL: <<https://www.youtube.com/watch?v=5JbhRFdBsjs>> (year: 2019).

製品案内、10 頁、(特許庁意匠 課公知資料番号 HC27004809).

APOLO 追尾式太陽発電シス (フィルム、3 頁、特許庁意匠 課公知資料番号 HD21001125).

* cited by examiner

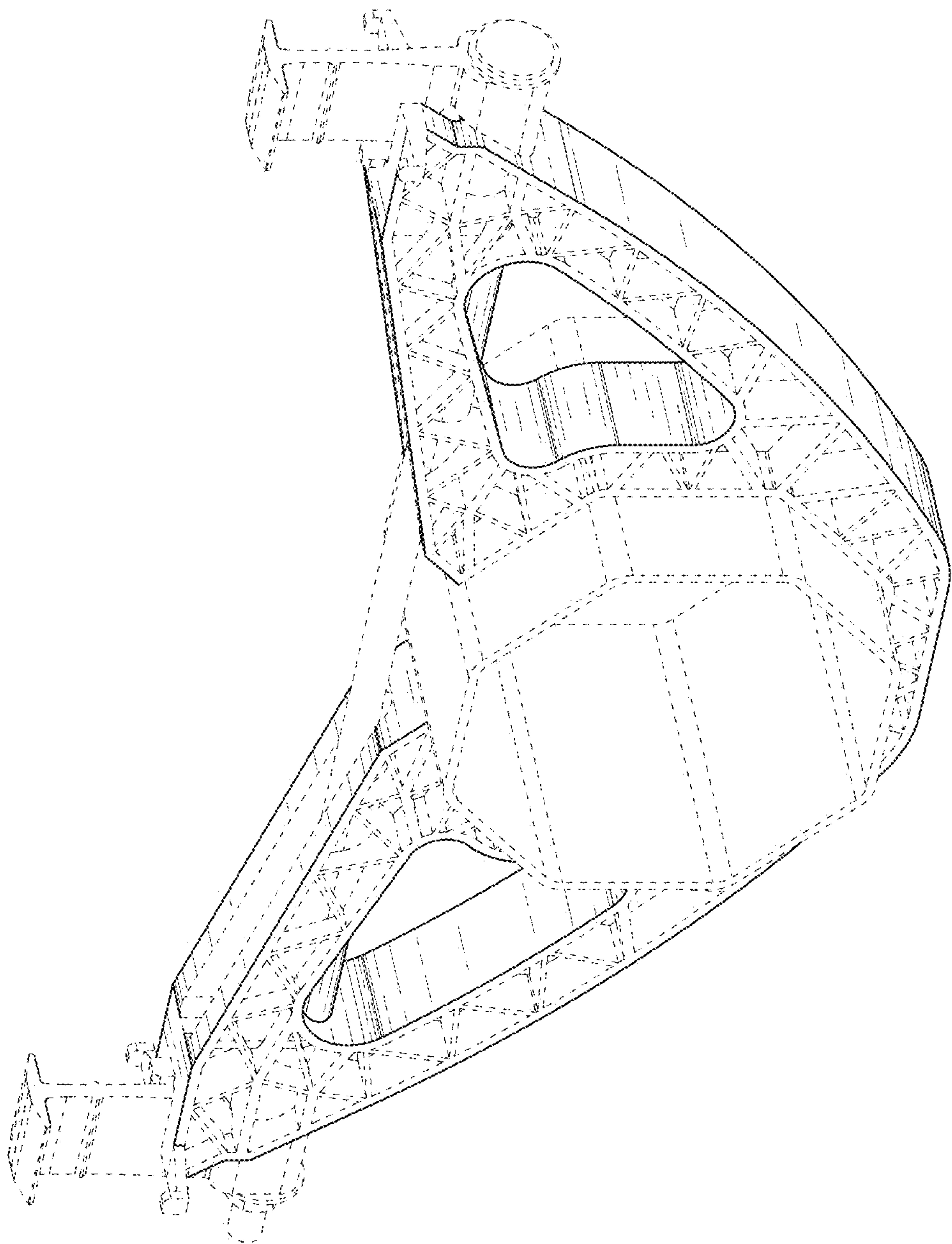


FIG. 1

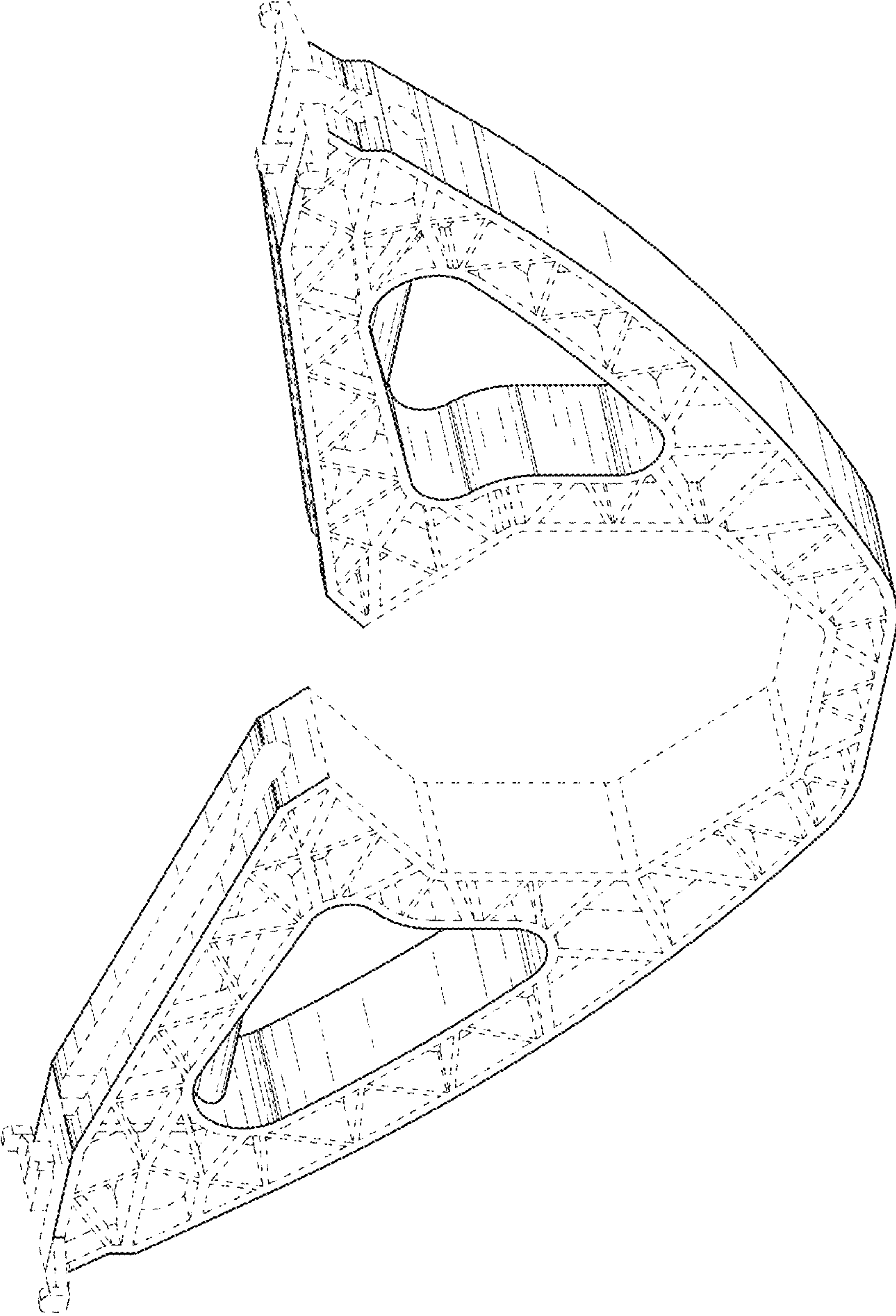


FIG. 2

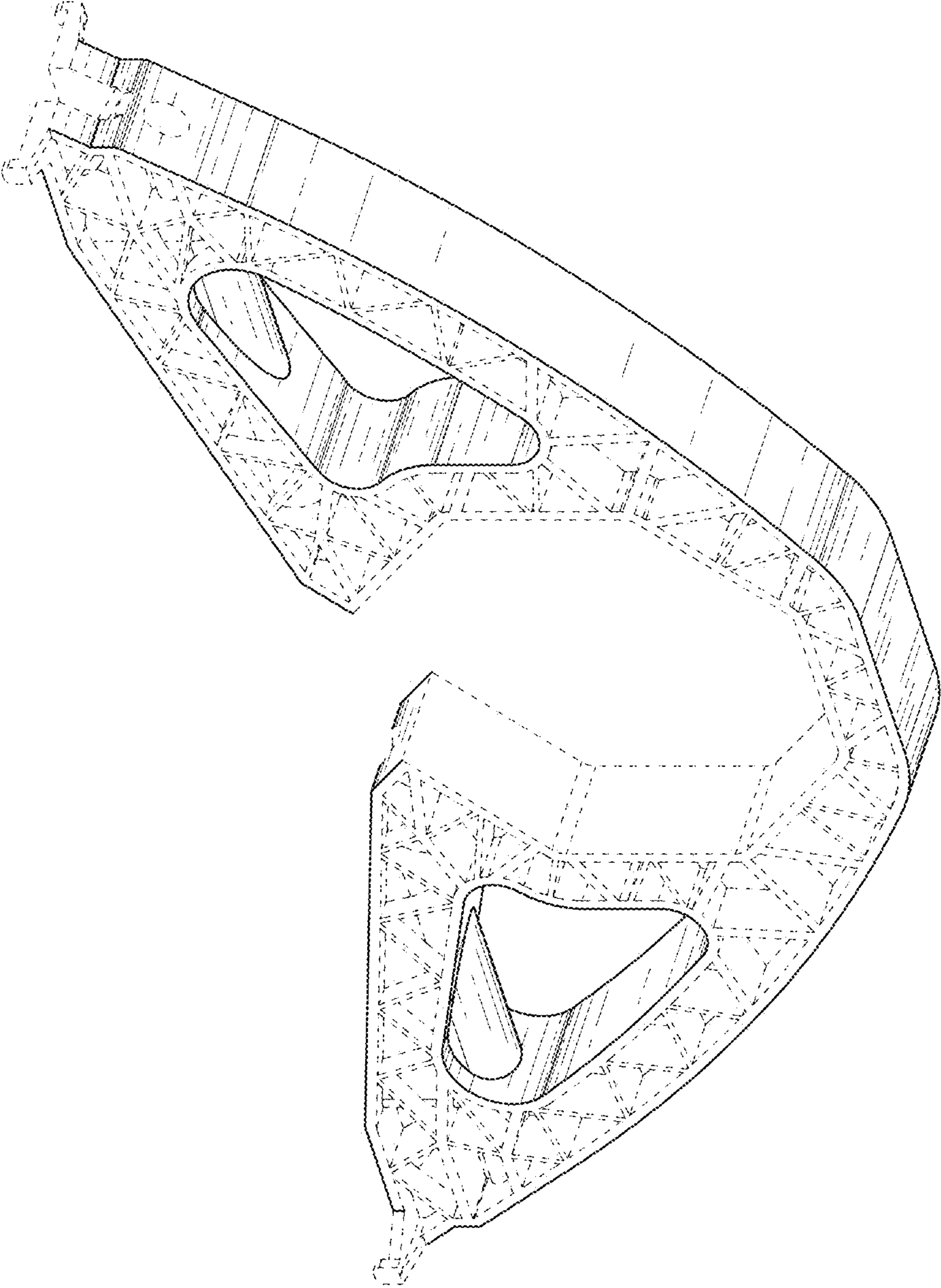


FIG. 3

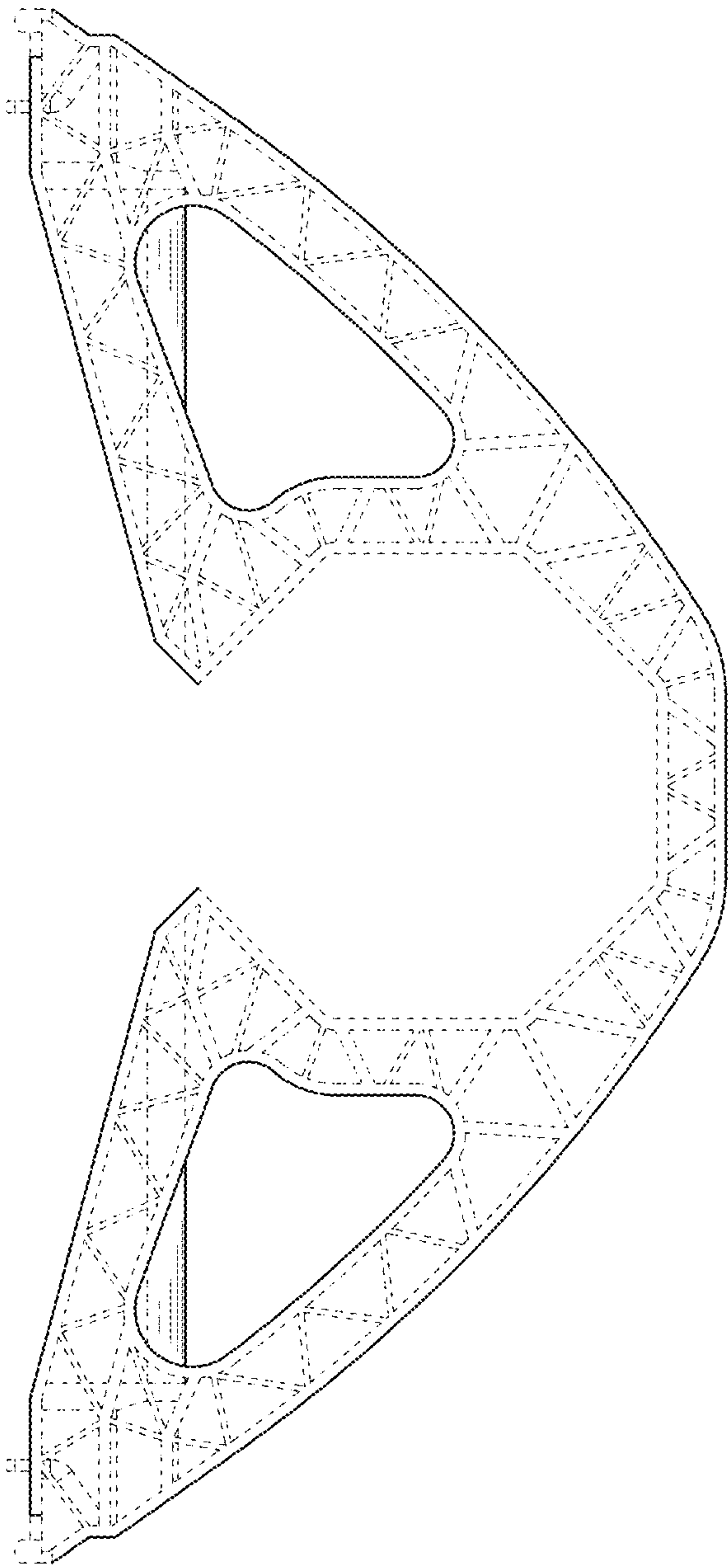


FIG. 4

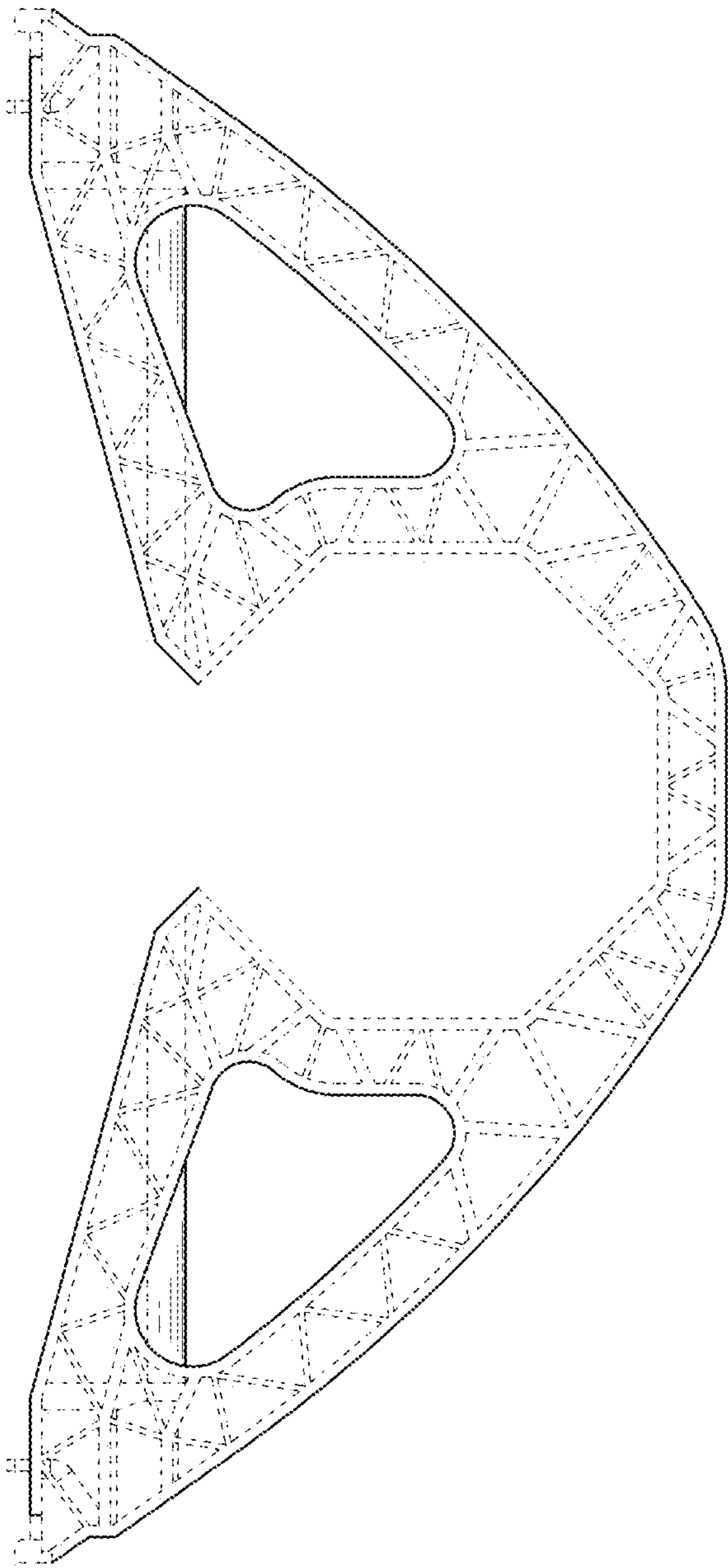


FIG. 5

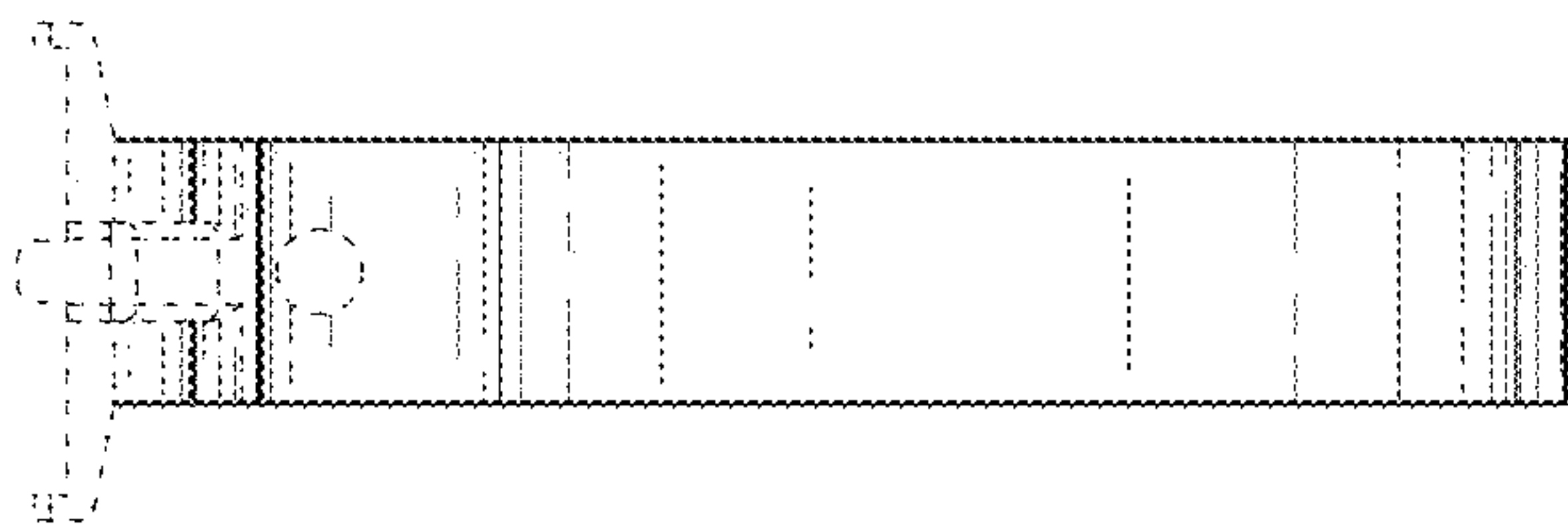


FIG. 6

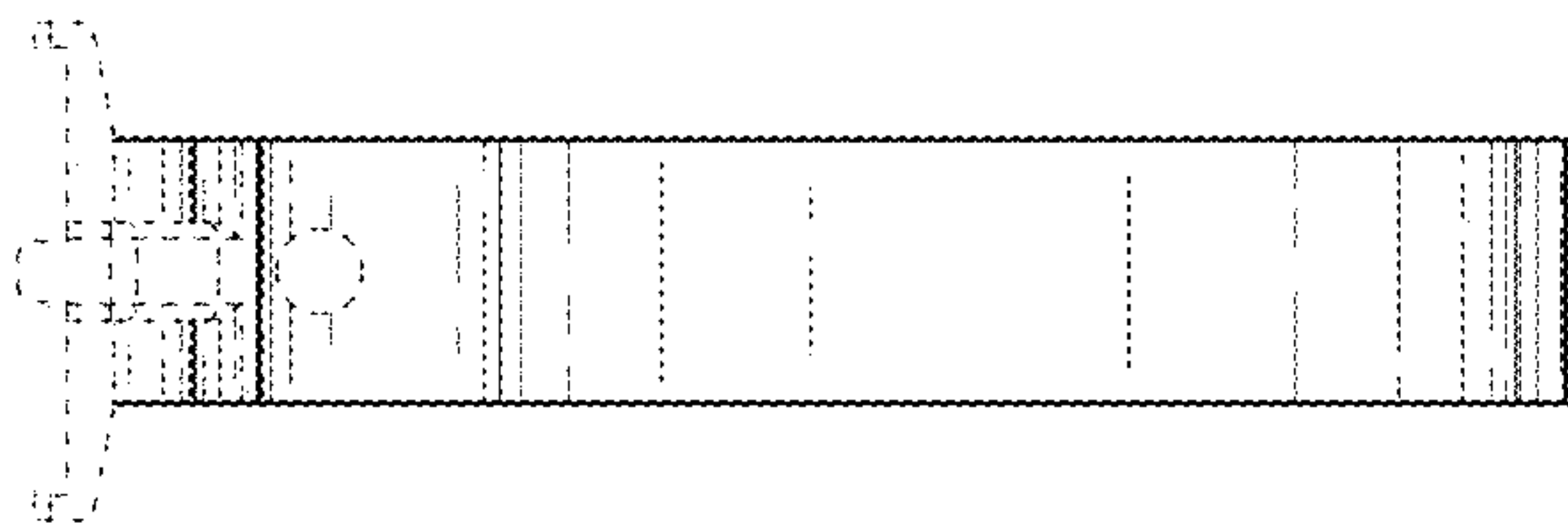


FIG. 7

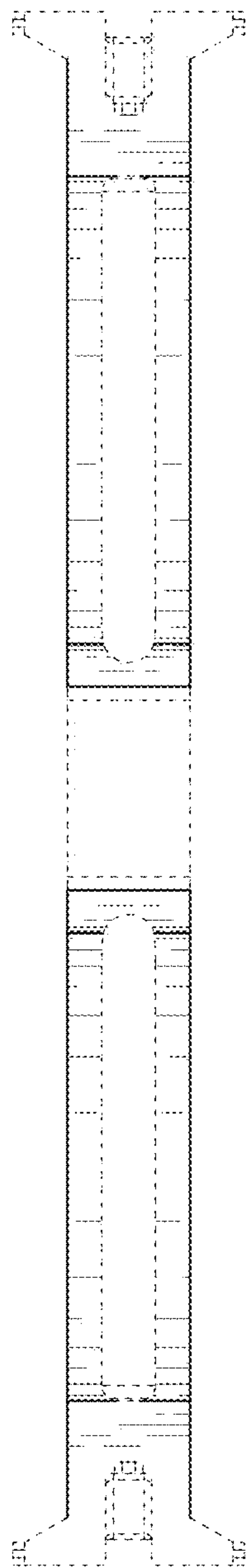


FIG. 8

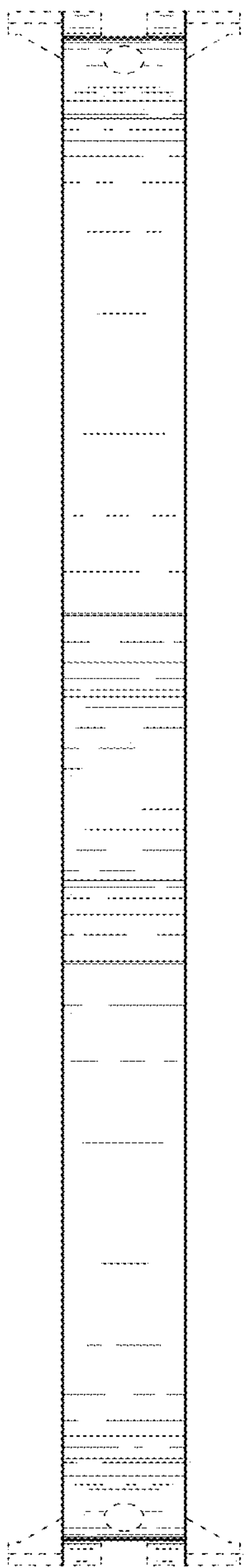


FIG. 9