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

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(45) **Date of Patent:** **** Apr. 30, 2013**

(54) **COUNTERWEIGHT SYSTEM**

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

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(51) **LOC (9) Cl.** **15-03**

(52) **U.S. Cl.**
USPC **D15/28; D15/33**

(58) **Field of Classification Search** D15/10,
D15/22-25, 28, 32, 33; 212/178, 197, 195;
280/759, 760; 914/719

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,701,728	A	2/1955	Miller	
2,925,149	A	2/1960	Hughson	
3,490,787	A	1/1970	Latterman et al.	
4,232,883	A	11/1980	Bourgeois et al.	
5,141,195	A *	8/1992	Toda et al.	248/364
D393,268	S *	4/1998	Tachinou et al.	D15/28
6,047,791	A	4/2000	Hoebelheinrich	
6,296,436	B1	10/2001	Ramun	
D455,763	S *	4/2002	Brandenburg et al.	D15/30
6,481,748	B1 *	11/2002	Okuda et al.	280/755
6,880,854	B2	4/2005	Powell	
7,036,251	B2 *	5/2006	Kojima et al.	37/466
D559,279	S *	1/2008	Sakitani et al.	D15/28
7,354,066	B2	4/2008	Yamamoto	
D579,465	S *	10/2008	Ochi et al.	D15/28
D582,947	S *	12/2008	Ueta et al.	D15/28
7,467,722	B2	12/2008	Ramun	
D587,285	S *	2/2009	Murakami et al.	D15/28

8,162,160	B2 *	4/2012	Zollondz et al.	212/196
2005/0012314	A1 *	1/2005	Kubo et al.	280/757
2010/0224583	A1 *	9/2010	Mentink et al.	212/175
2011/0031202	A1 *	2/2011	Pech et al.	212/178

OTHER PUBLICATIONS

33 Ton Mobilift, Lift Systems, Inc., Feb. 17, 2009, 8 pages.

* cited by examiner

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(57) **CLAIM**

We claim the ornamental design for a counterweight system, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a first embodiment of a counterweight system showing our new design.

FIG. 2 is another perspective view of the counterweight system shown in FIG. 1.

FIG. 3 is a front view of the counterweight system shown in FIG. 1.

FIG. 4 is a top view of the counterweight system shown in FIG. 1.

FIG. 5 is a side view of the counterweight system shown in FIG. 1.

FIG. 6 is a bottom view of the counterweight system shown in FIG. 1.

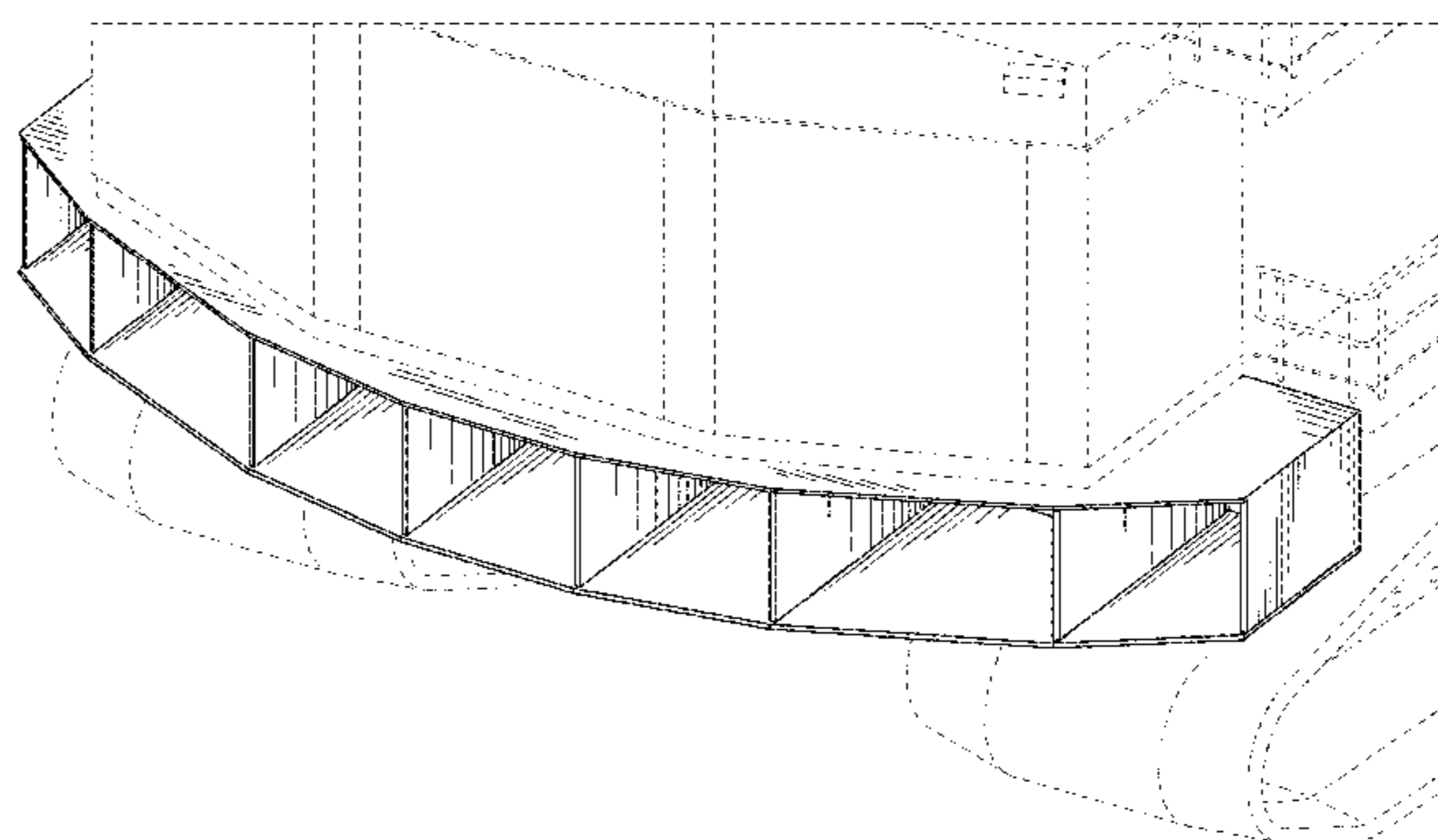
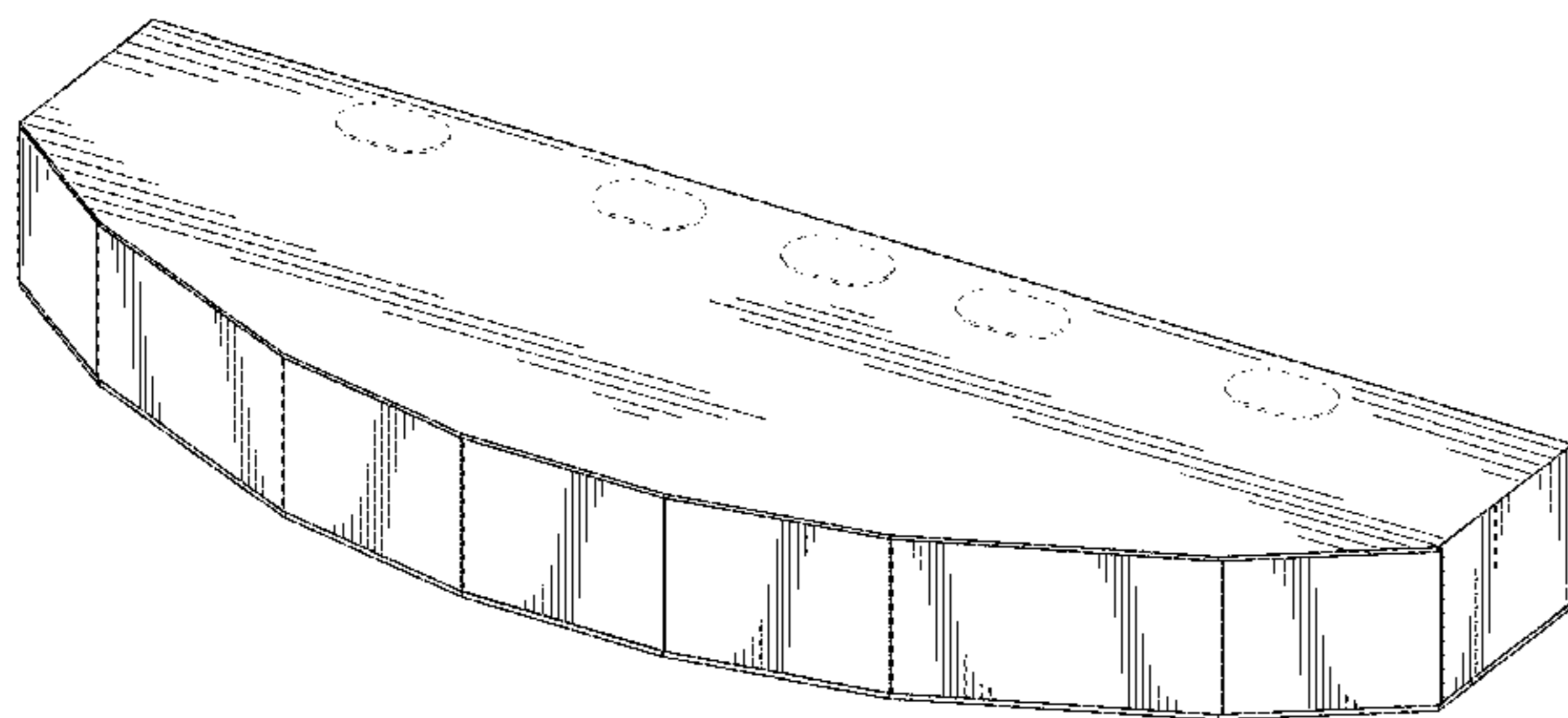
FIG. 7 is a perspective view of another embodiment of the counterweight system shown in FIG. 1.

FIG. 8 is another perspective view of the counterweight system shown in FIG. 7; and,

FIG. 9 is a front view of the counterweight system shown in FIG. 7.

The broken lines shown in the drawings are for illustrative purposes only and form no part of the claimed design.

1 Claim, 6 Drawing Sheets



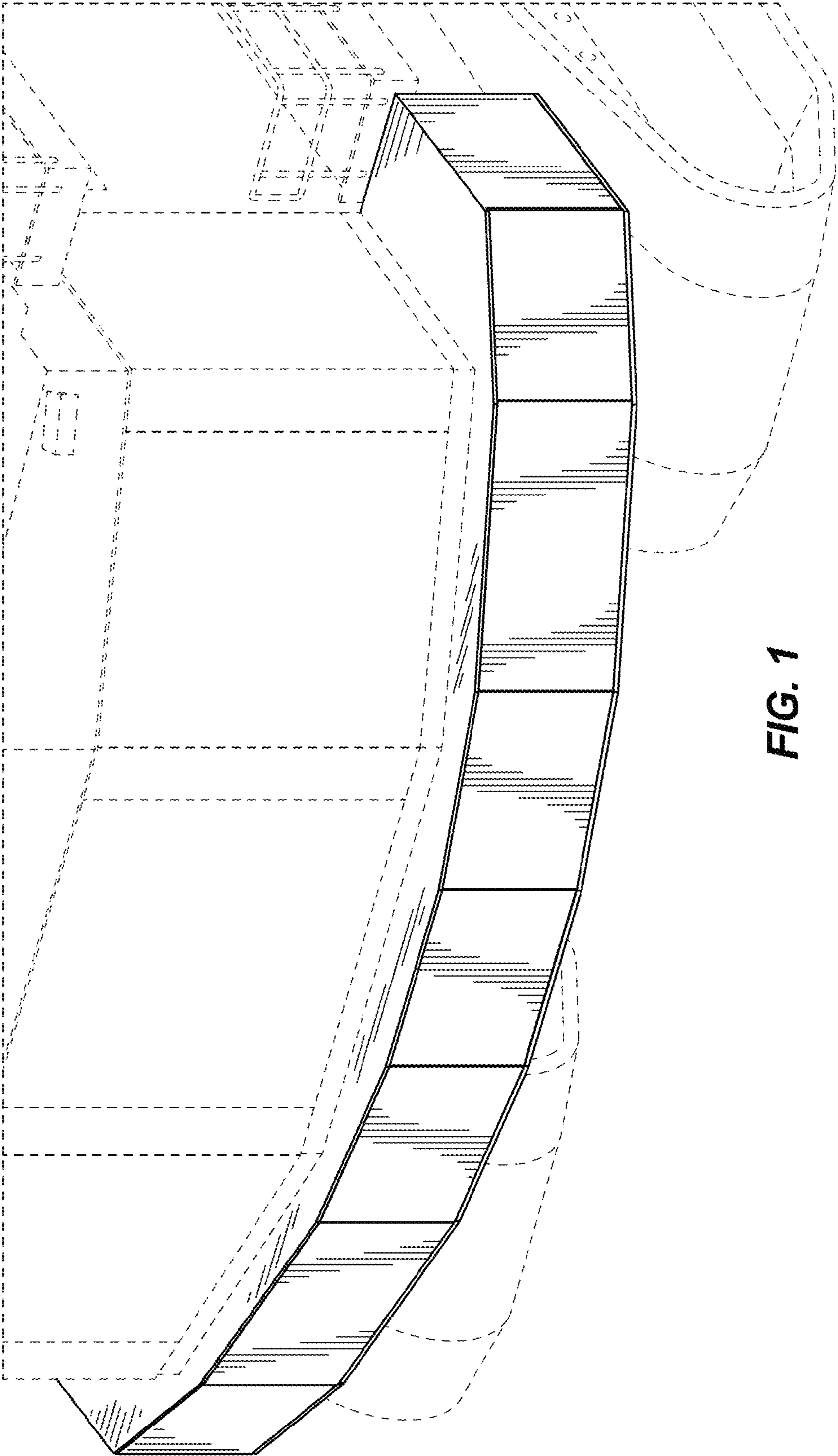


FIG. 1

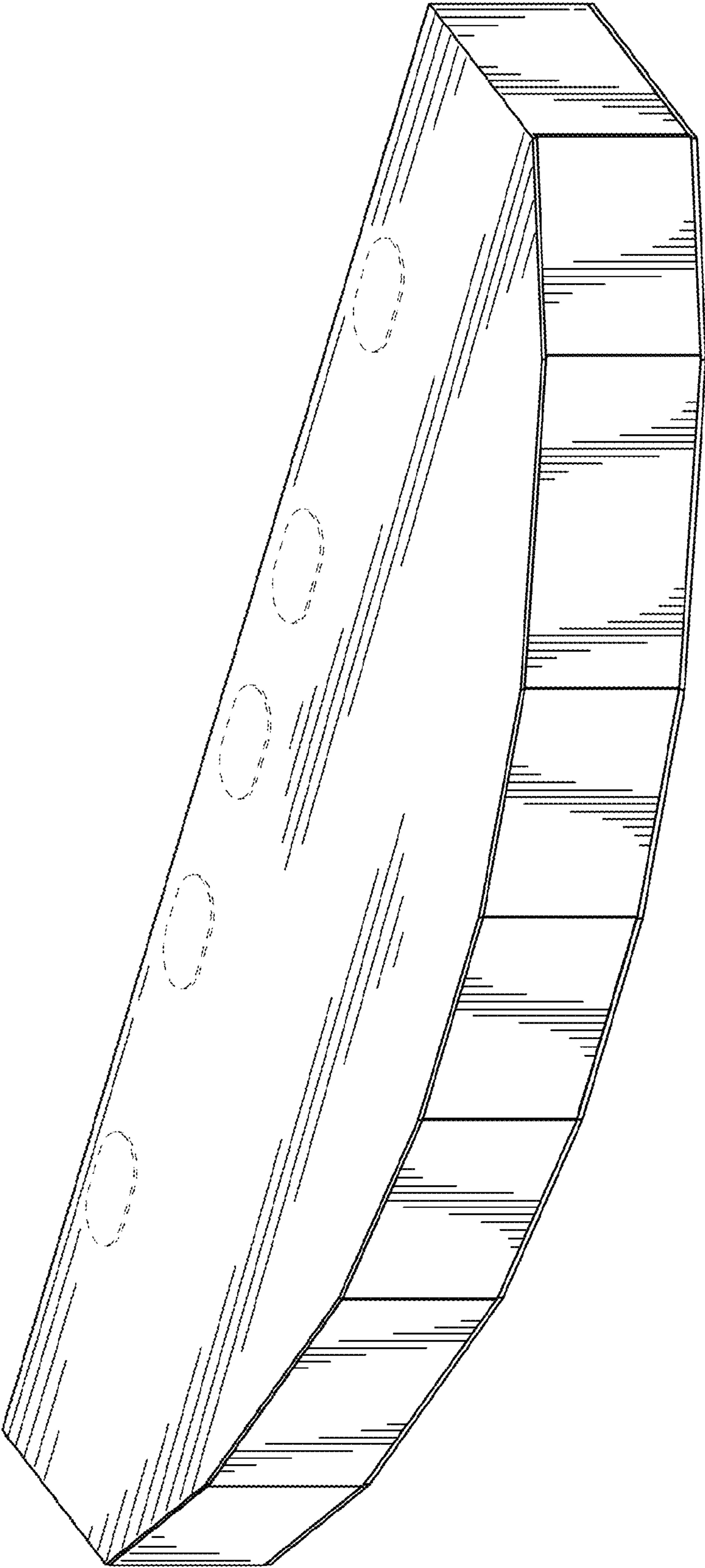


FIG. 2

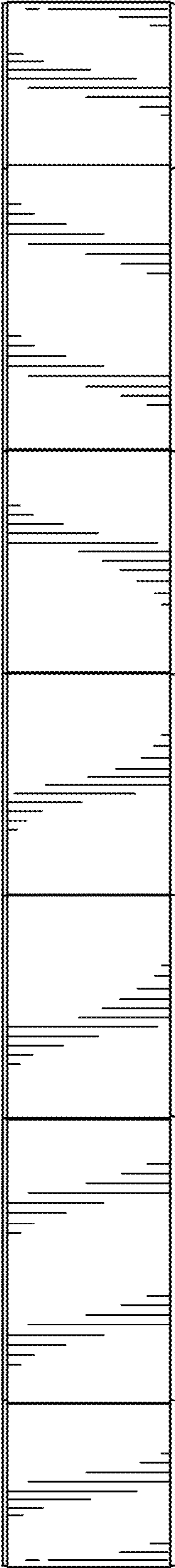


FIG. 3

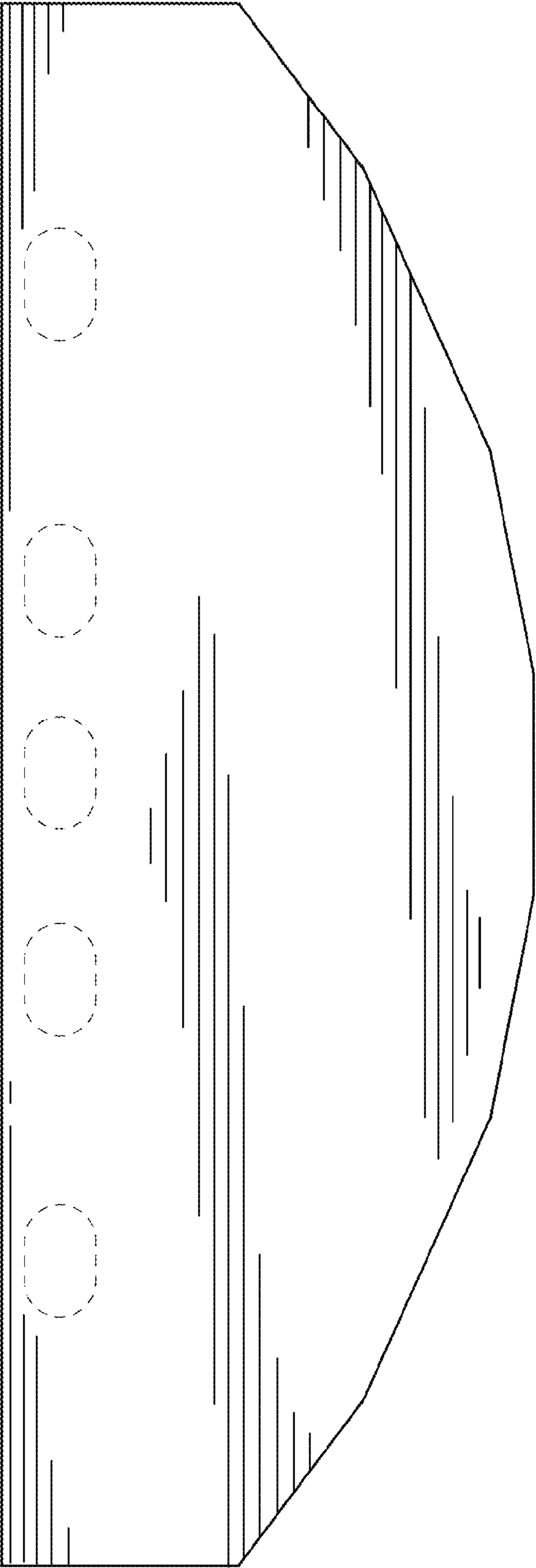


FIG. 4

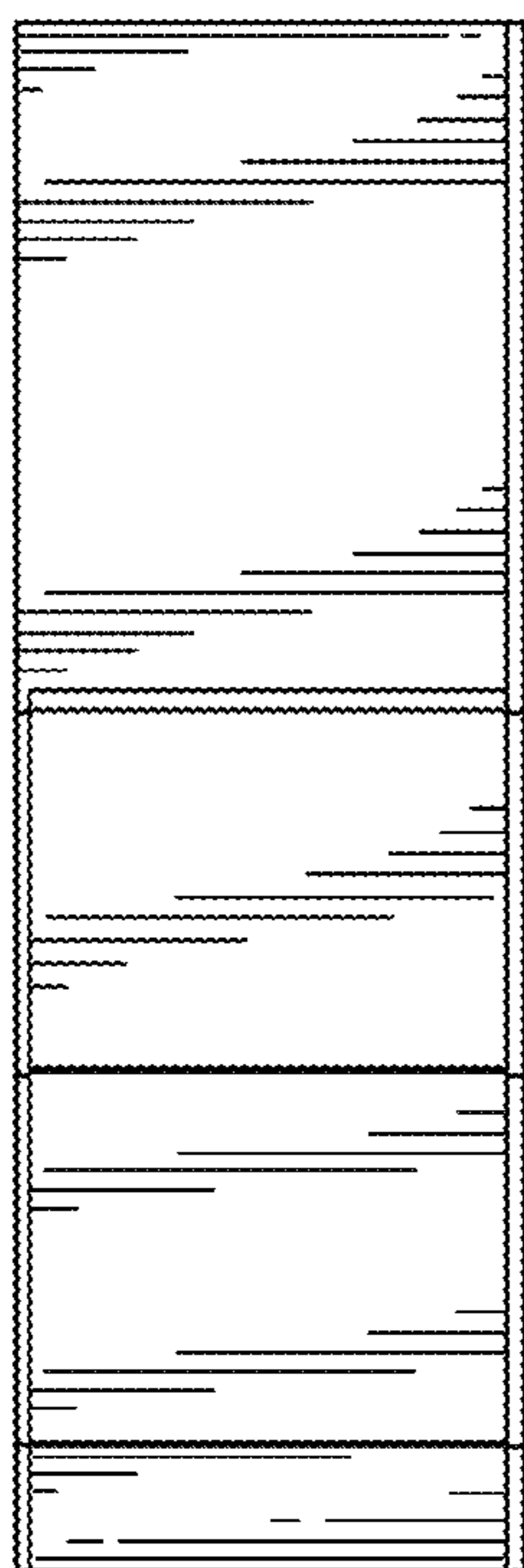


FIG. 5

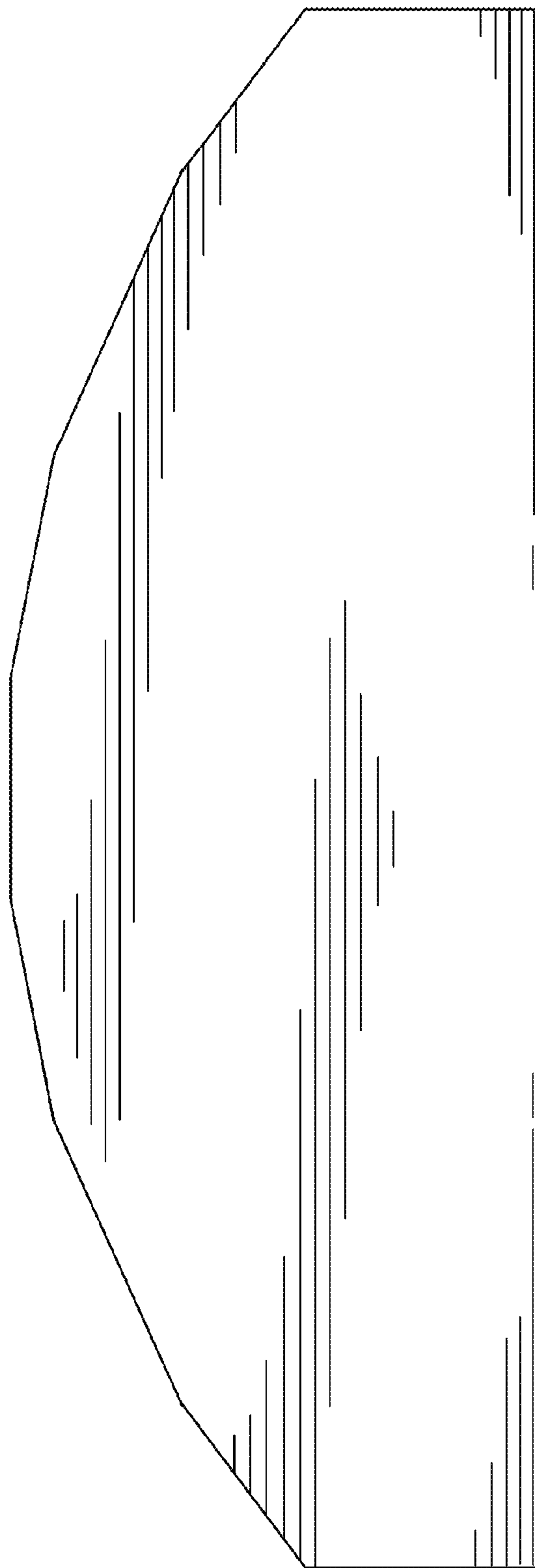


FIG. 6

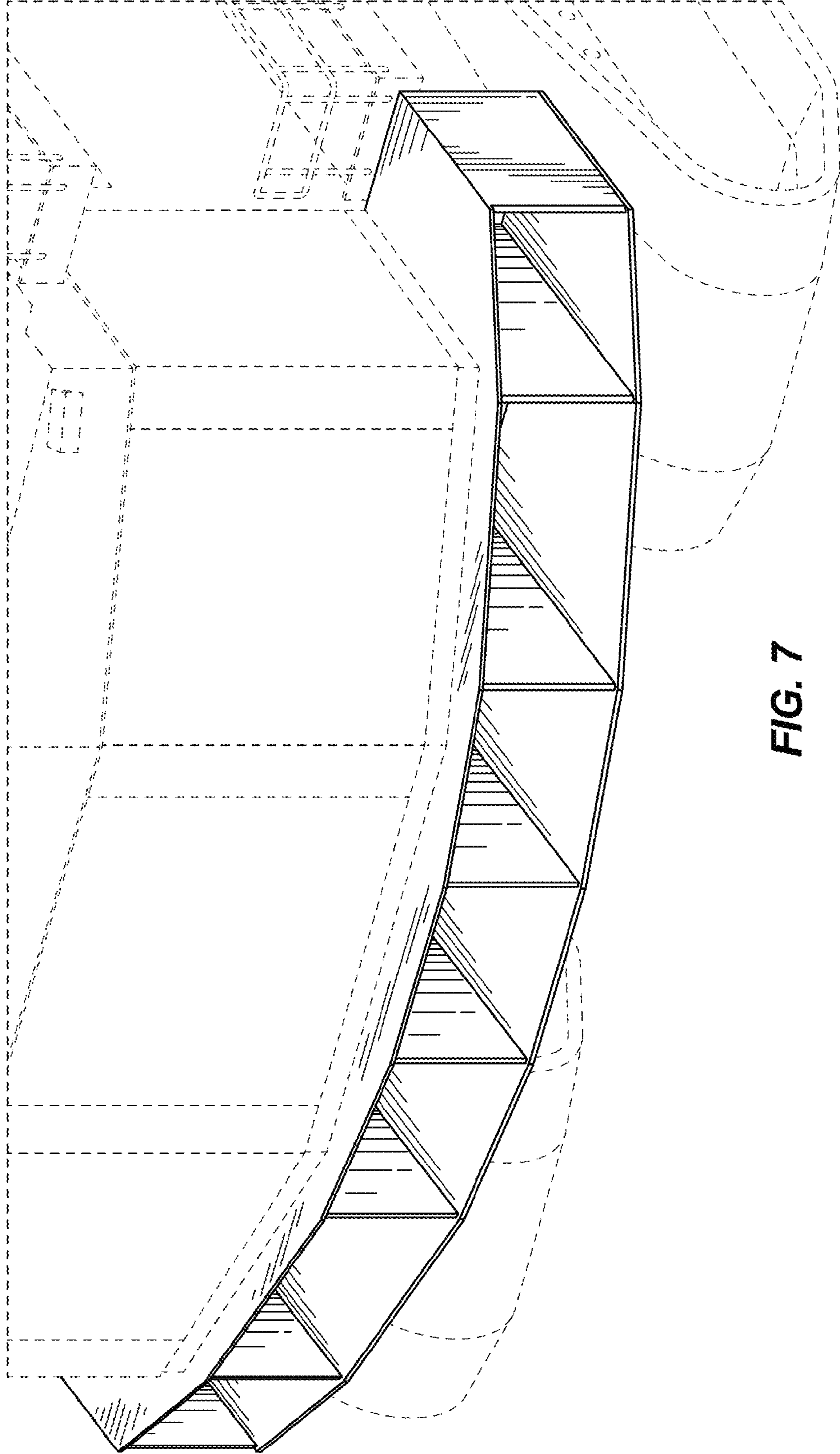


FIG. 7

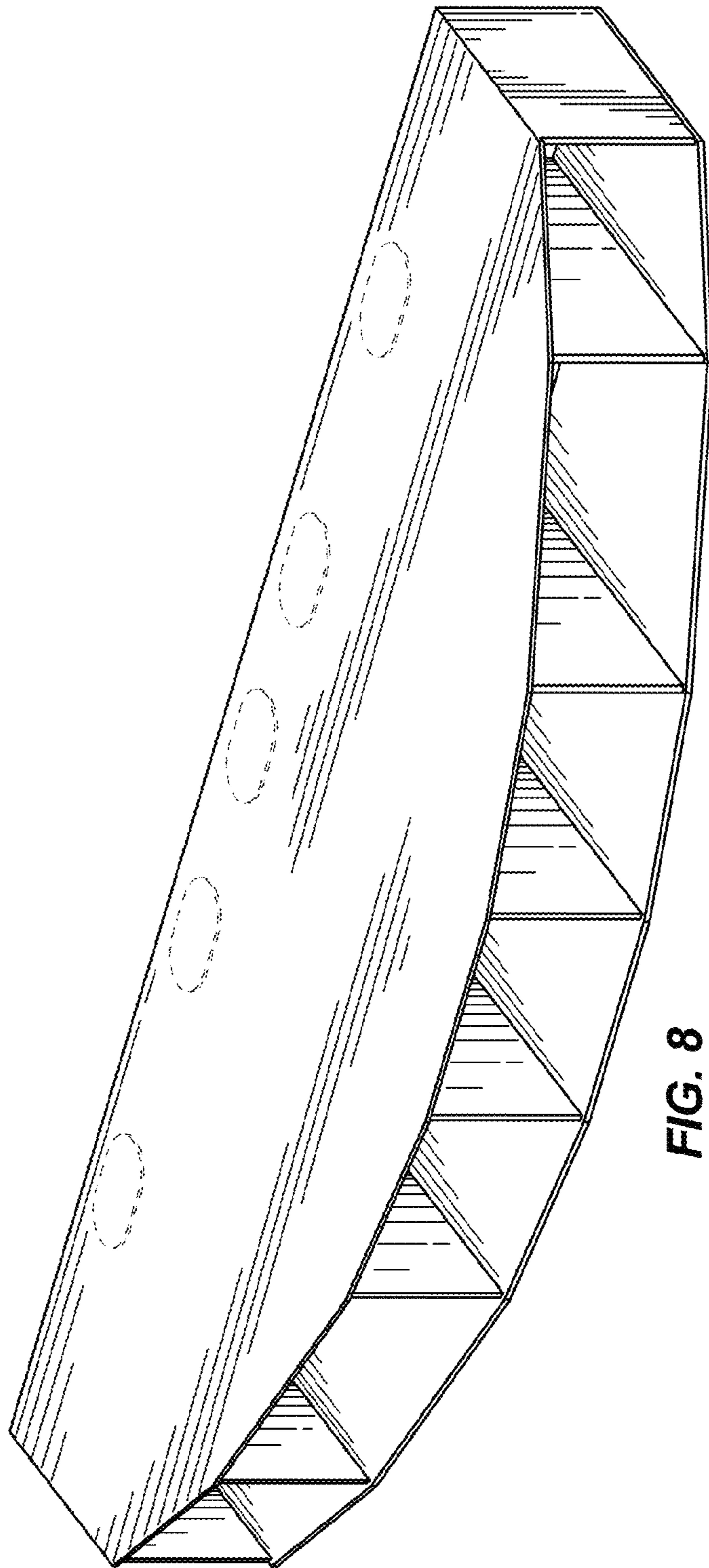


FIG. 8

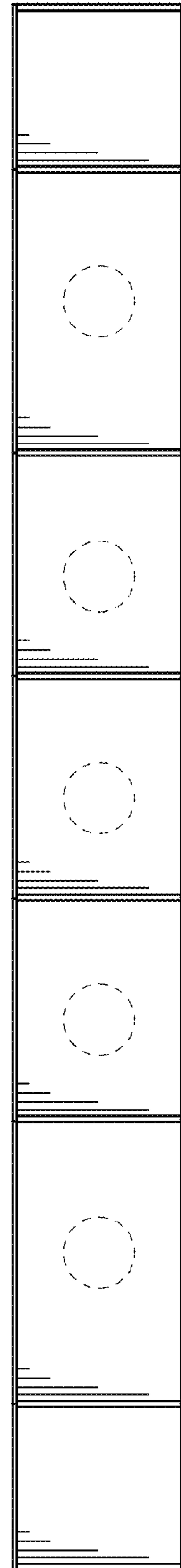


FIG. 9