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

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(54) **CLAMP**

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

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(51) **LOC (14) Cl.** **08-08**

(52) **U.S. Cl.**
USPC **D8/394**

(58) **Field of Classification Search**
USPC D8/349, 352, 382, 72, 394, 395, 396, 73,
D8/383, 323, 306, 325, 16; D10/31, 33,
D10/38; D16/242, 245
CPC . F16L 3/1025; F16L 1/123; F16L 3/08; F16L
3/237; F16L 3/1075; E21B 17/1035;
E21B 19/02; F16B 2/065; F16B 7/0433;
F16B 2/10; Y10T 403/70; Y10T 403/5753
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D534,418 S *	1/2007	Minor	.....	D8/396
D570,203 S *	6/2008	Shiomoto	.....	24/297
D606,379 S *	12/2009	Hughes	.....	D8/394
D606,391 S *	12/2009	Hughes	.....	D8/394
D629,679 S *	12/2010	Riddell	.....	D8/394
D670,159 S *	11/2012	Bitarchas	.....	D8/394
8,459,249 B2	6/2013	Corio	.....
D712,729 S *	9/2014	Cushing	.....	D8/395

D722,494 S *	2/2015	Ramsauer	.....	D8/395
D747,780 S *	1/2016	Swan	.....	D22/110
9,276,521 B2	3/2016	Reed et al.	.....
9,281,778 B2	3/2016	Corio et al.	.....
D756,763 S *	5/2016	Swan	.....	D8/394
9,456,665 B2 *	10/2016	Stubblefield	.....	B65D 85/18
9,581,678 B2	2/2017	Corio	.....

(Continued)

FOREIGN PATENT DOCUMENTS

KR 301147374.00 * 1/2022

OTHER PUBLICATIONS

Single Bolt Clamp, First Available: Feb. 29, 2020, Google.com, [online], [site visited Jul. 6, 2022], Available from internet URL: <https://solarbuildermag.com/news/array-technologies-debuts-a-single-bolt-clamp-to-speed-up-its-duratrack-installs-with-first-solar-modules/> (Year: 2020).*

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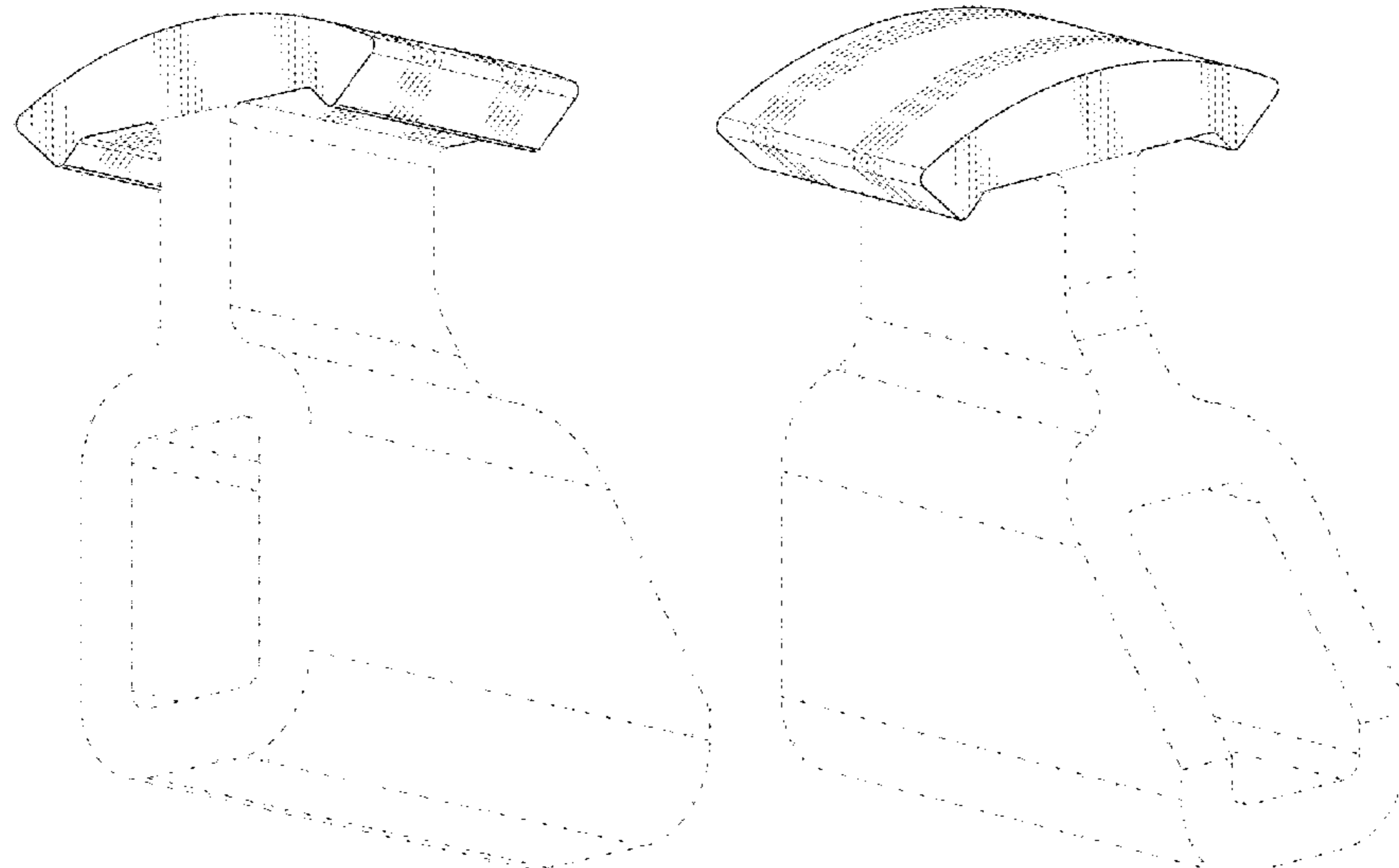
(57) **CLAIM**

The ornamental design for a clamp, as shown and described.

DESCRIPTION

FIG. 1 is a lower perspective view of a clamp;
FIG. 2 is an upper perspective view of the clamp shown in FIG. 1;
FIG. 3 is a front view of the clamp shown in FIG. 1;
FIG. 4 is a rear view of the clamp shown in FIG. 1;
FIG. 5 is a left side view of the clamp shown in FIG. 1;
FIG. 6 is a right side view of the clamp shown in FIG. 1;
FIG. 7 is a top view of the clamp shown in FIG. 1; and,
FIG. 8 is a bottom view of the clamp shown in FIG. 1.
The dash lines in the figures depict environmental subject matter and form no part of the claimed design. The dot-dash broken lines depict the boundaries of the claim and form no part thereof.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

9,631,840	B2	4/2017	Corio	
10,042,030	B2	8/2018	Corio	
10,069,455	B2 *	9/2018	Corio	..... F24S 25/634
10,536,109	B2 *	1/2020	Corio	..... H02S 20/32
D896,053	S *	9/2020	Tyler	..... D8/72
10,771,007	B2	9/2020	Corio	
10,809,345	B2	10/2020	Corio	
D940,547	S *	1/2022	Schuknecht	..... D8/394
2010/0089389	A1	4/2010	Seery et al.	
2011/0179606	A1 *	7/2011	Magno, Jr.	..... F24S 25/636 24/457
2015/0200621	A1	7/2015	Reed et al.	
2017/0237386	A1 *	8/2017	Stephan	..... F16B 2/065 248/316.6
2021/0180832	A1 *	6/2021	Schuknecht	..... F16B 2/065

* cited by examiner

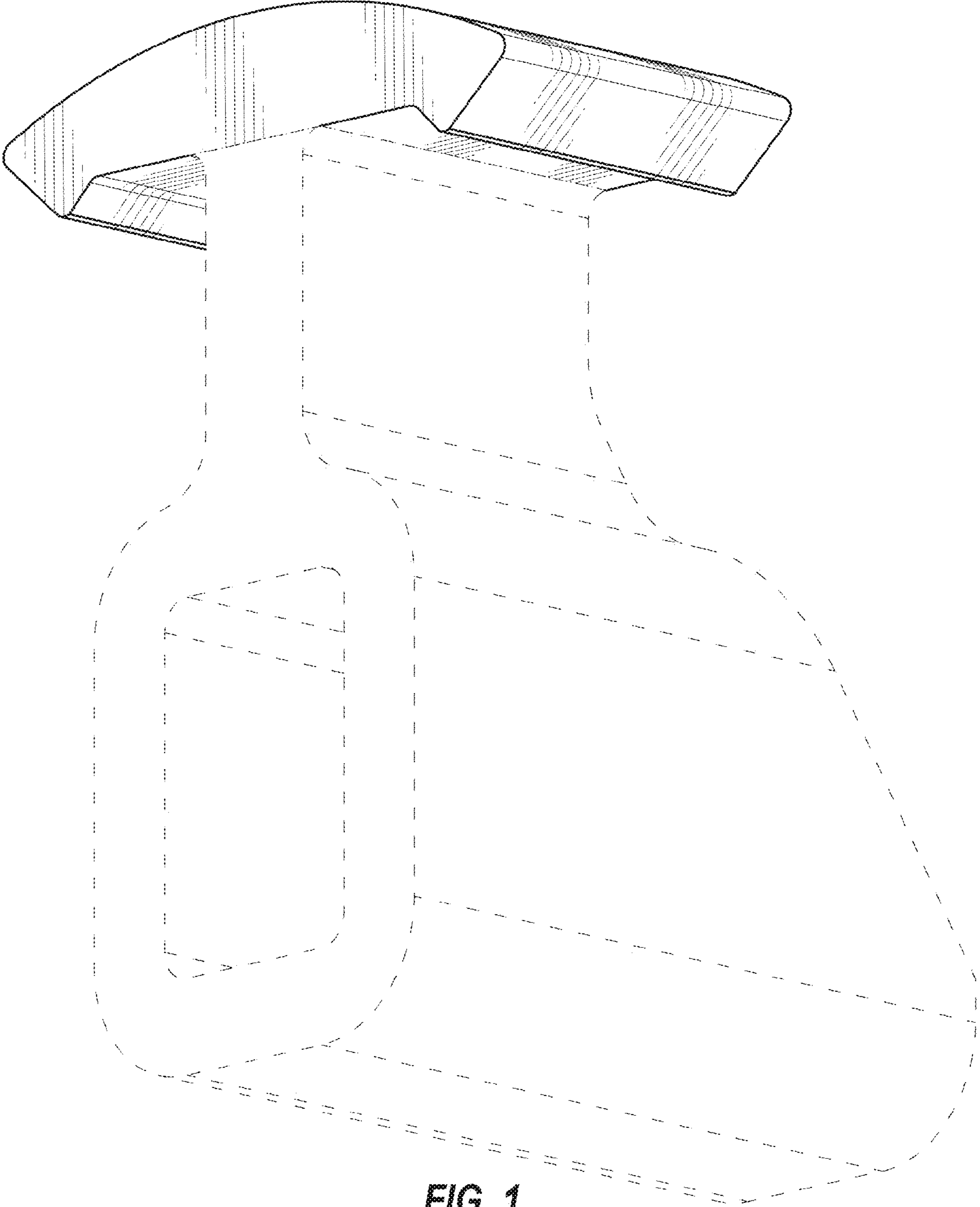


FIG. 1

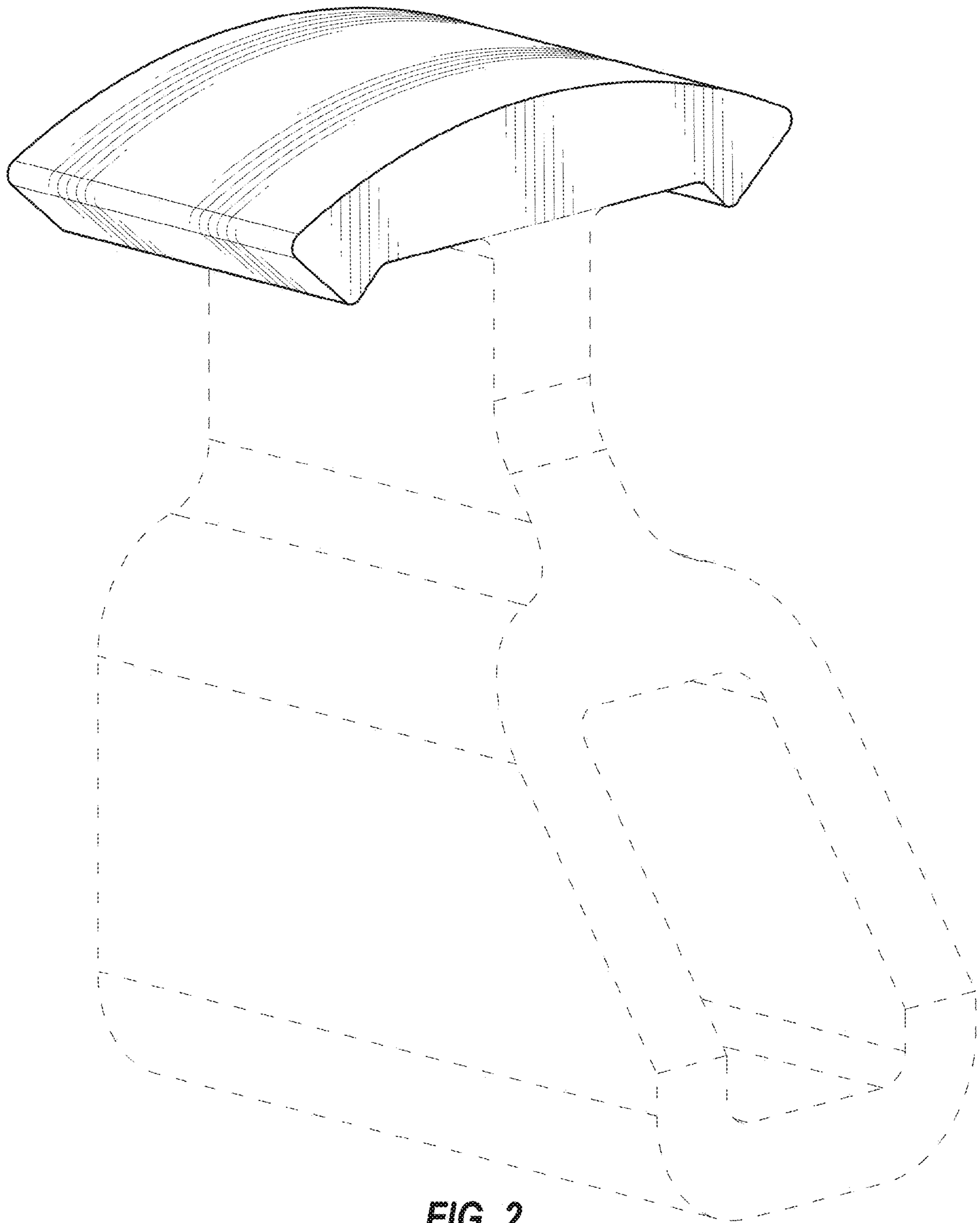


FIG. 2

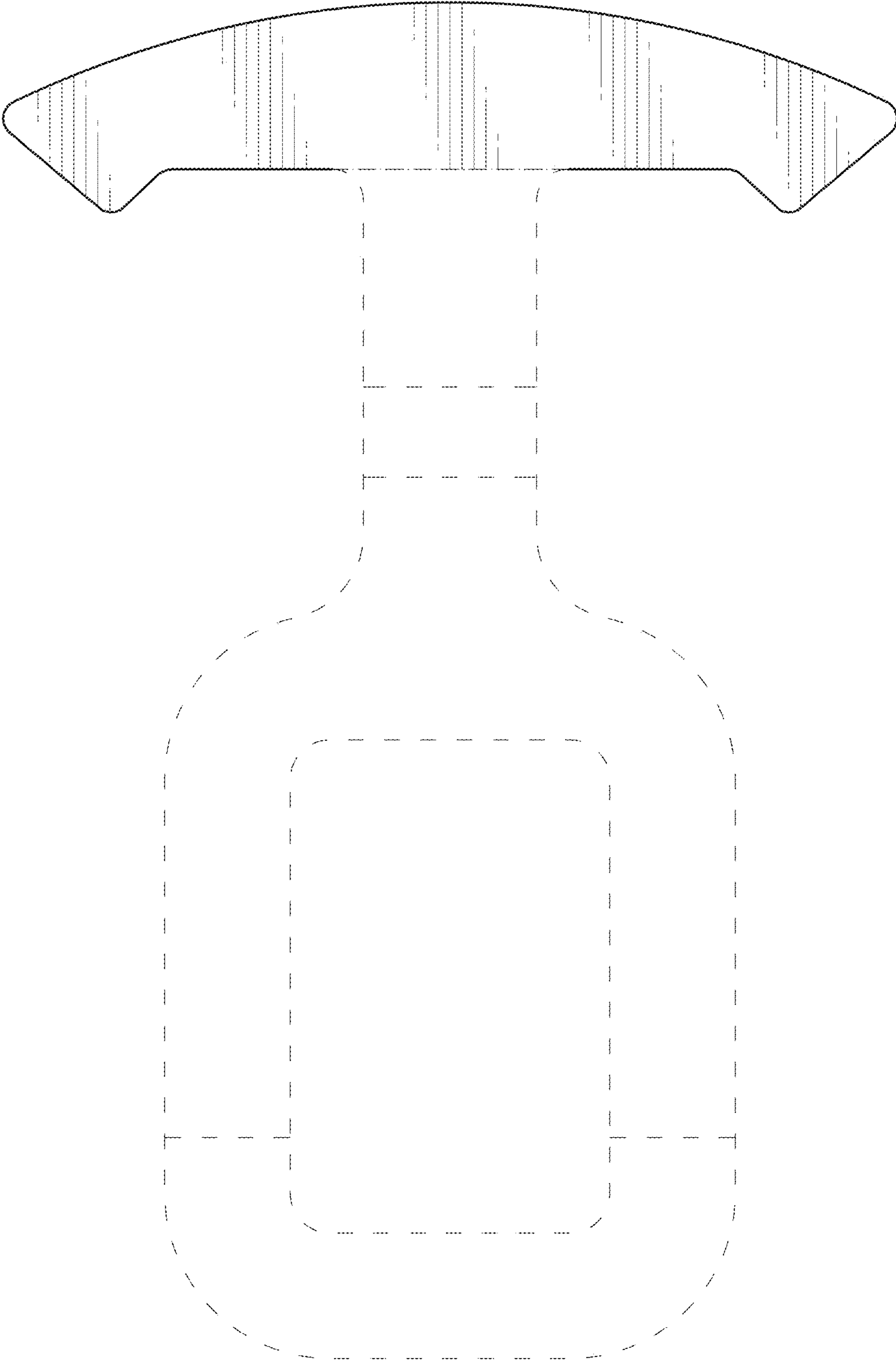


FIG. 3

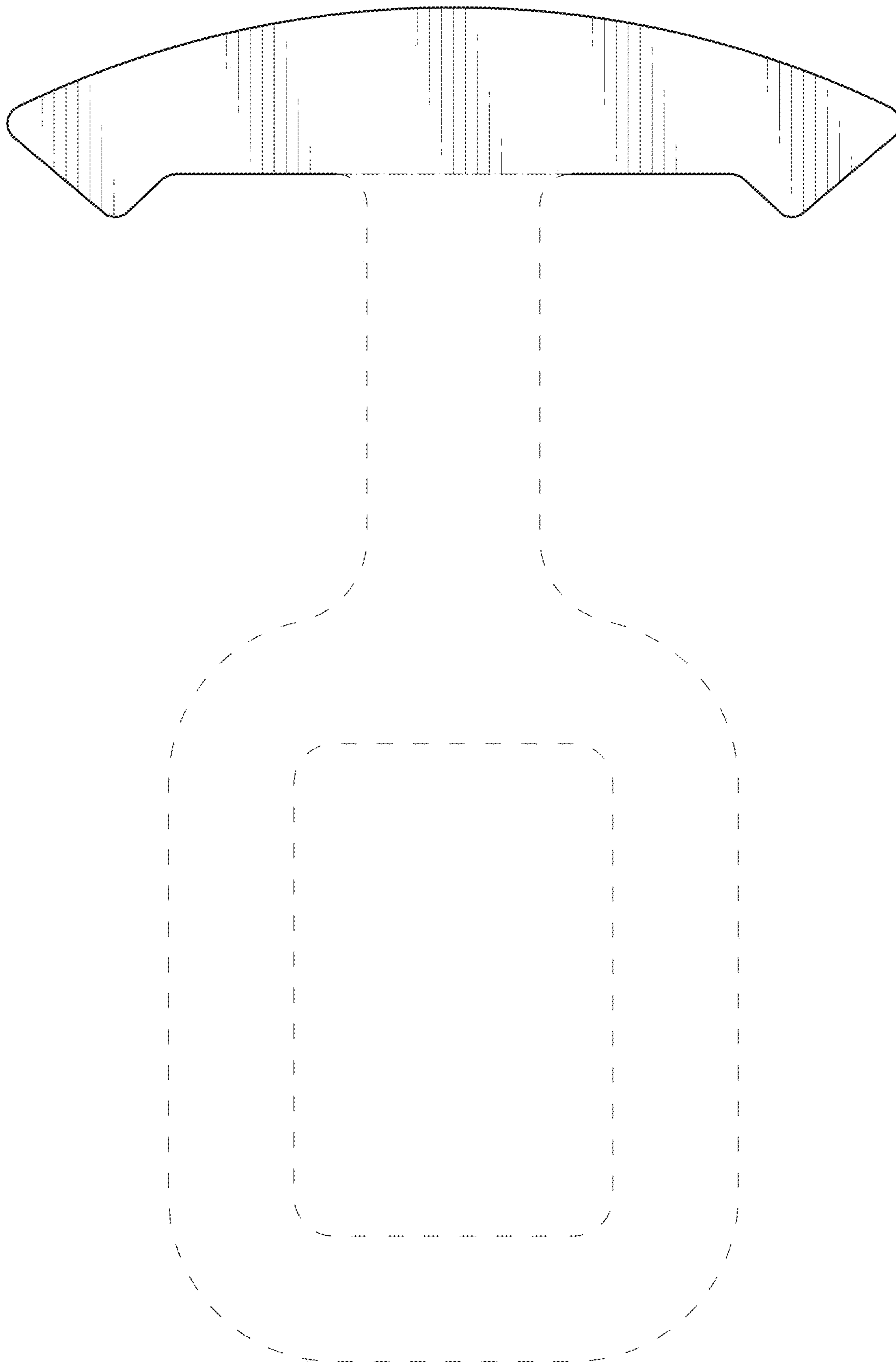


FIG. 4

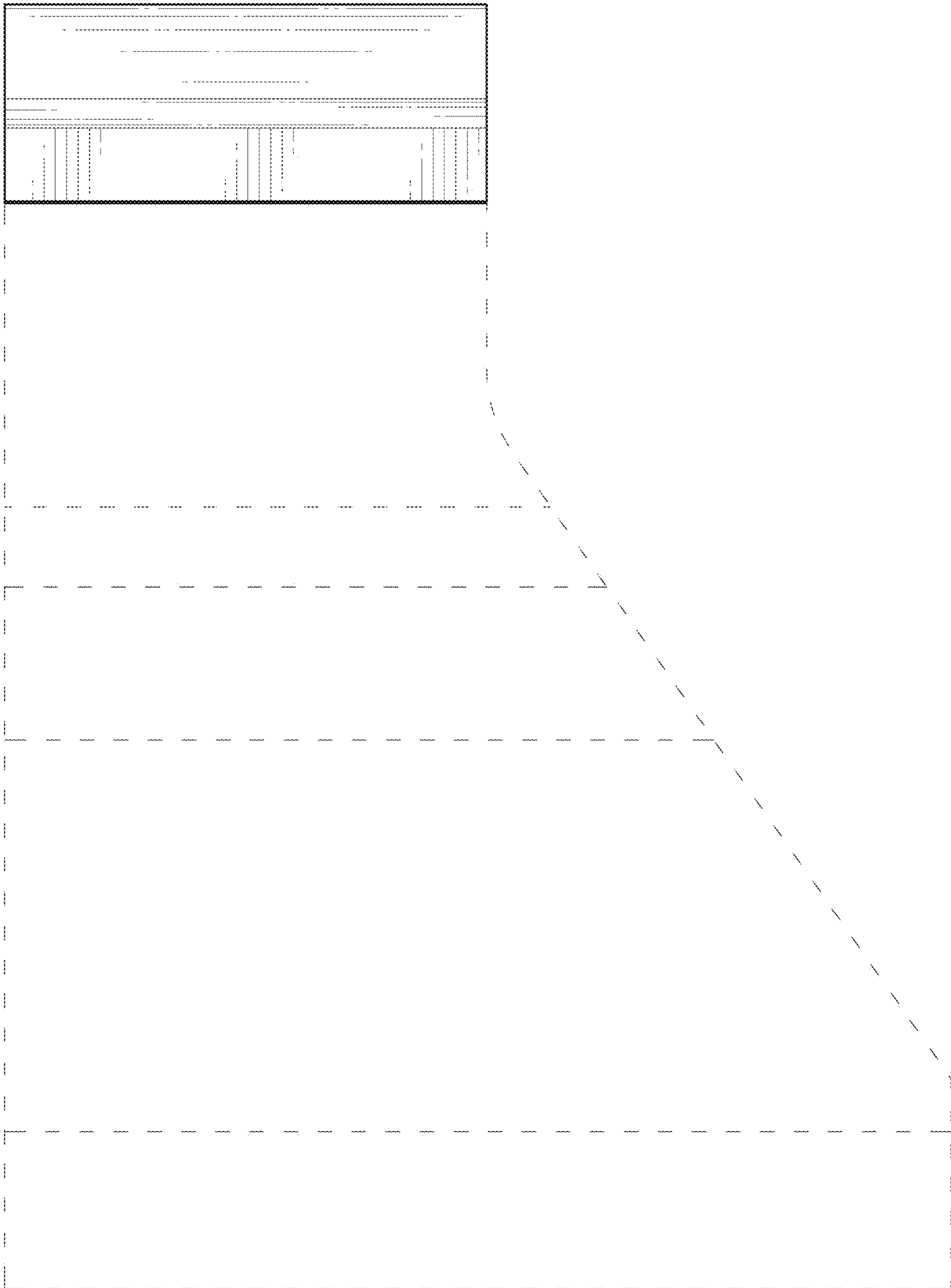


FIG. 5

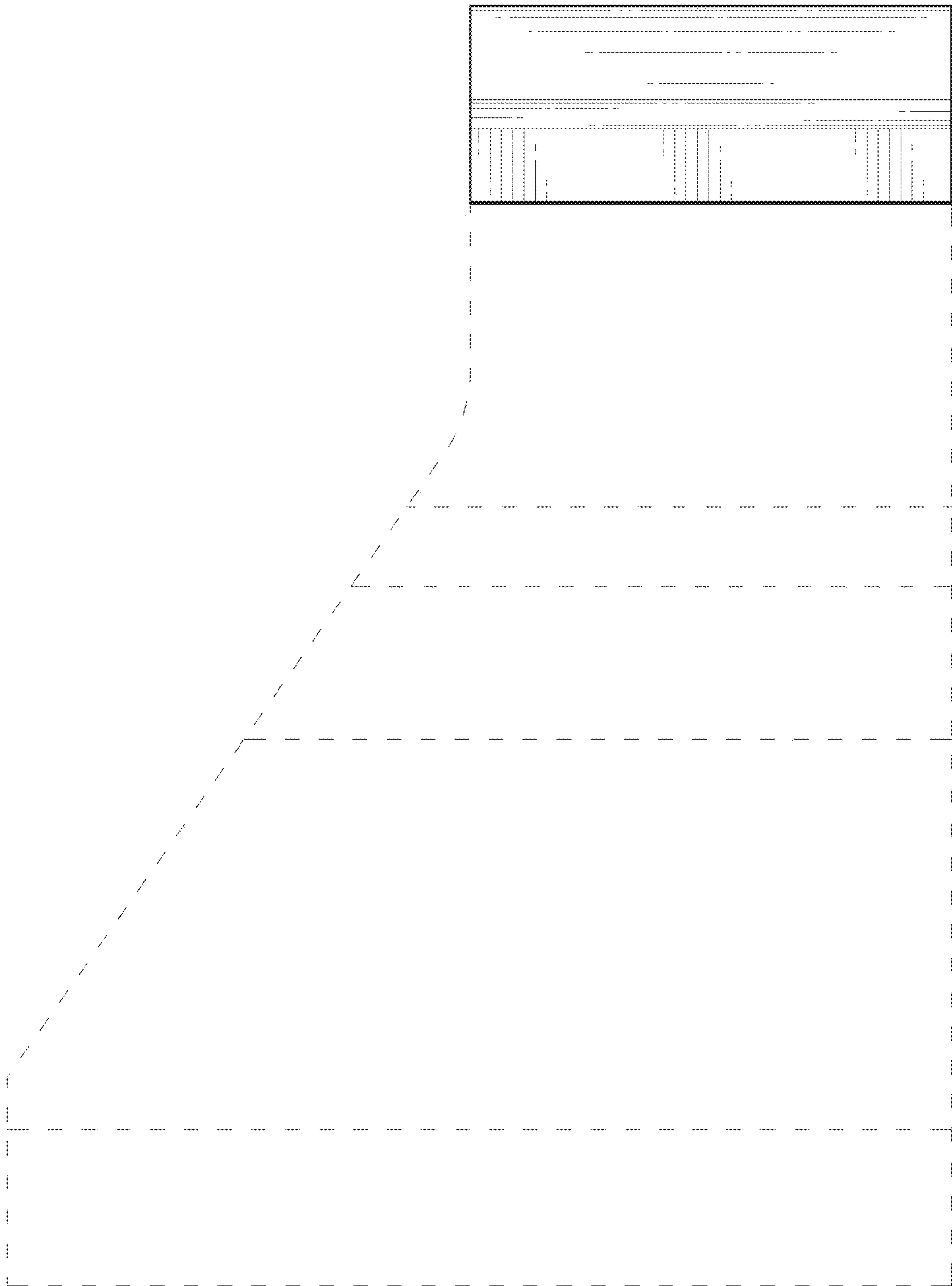


FIG. 6

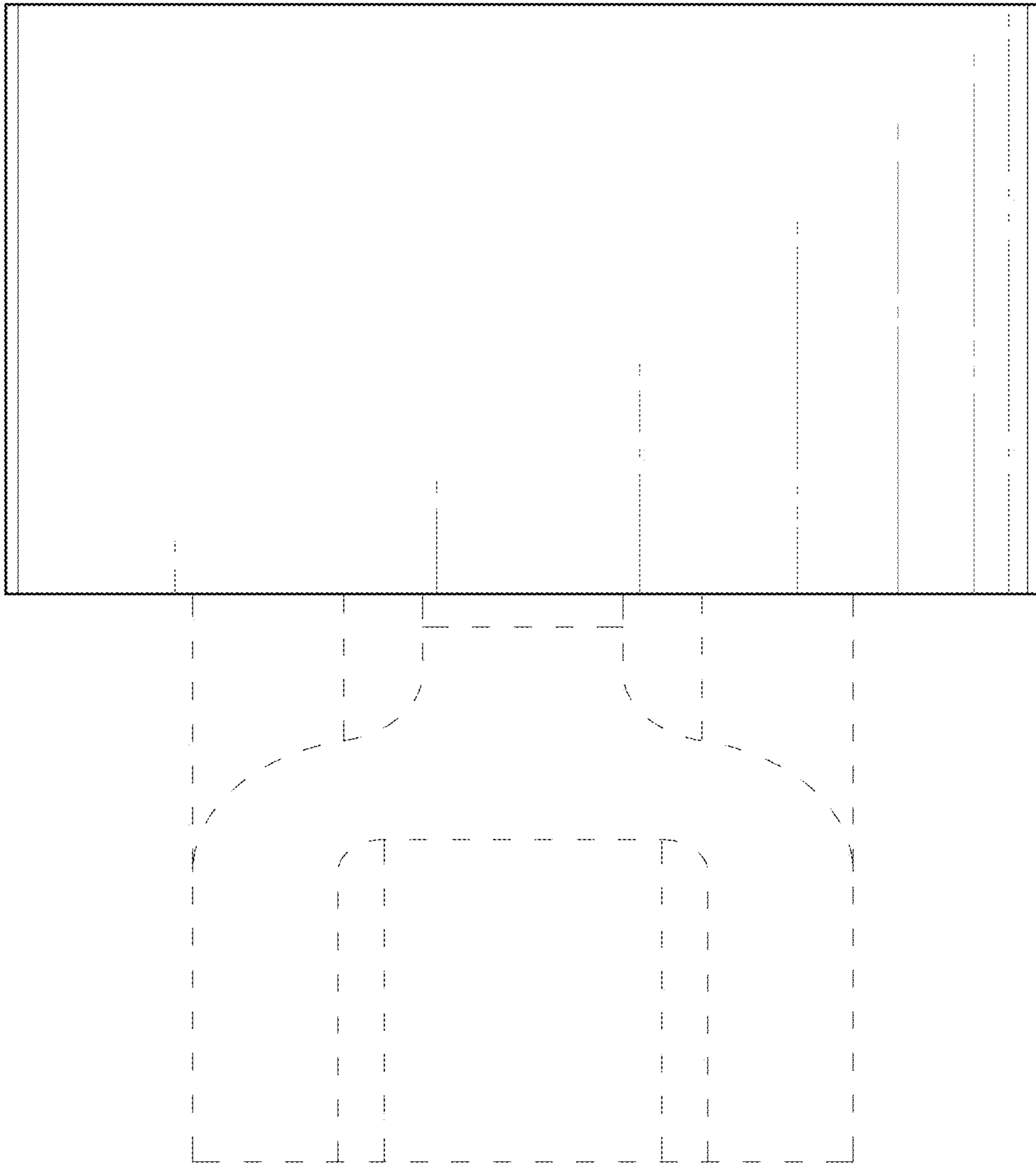


FIG. 7

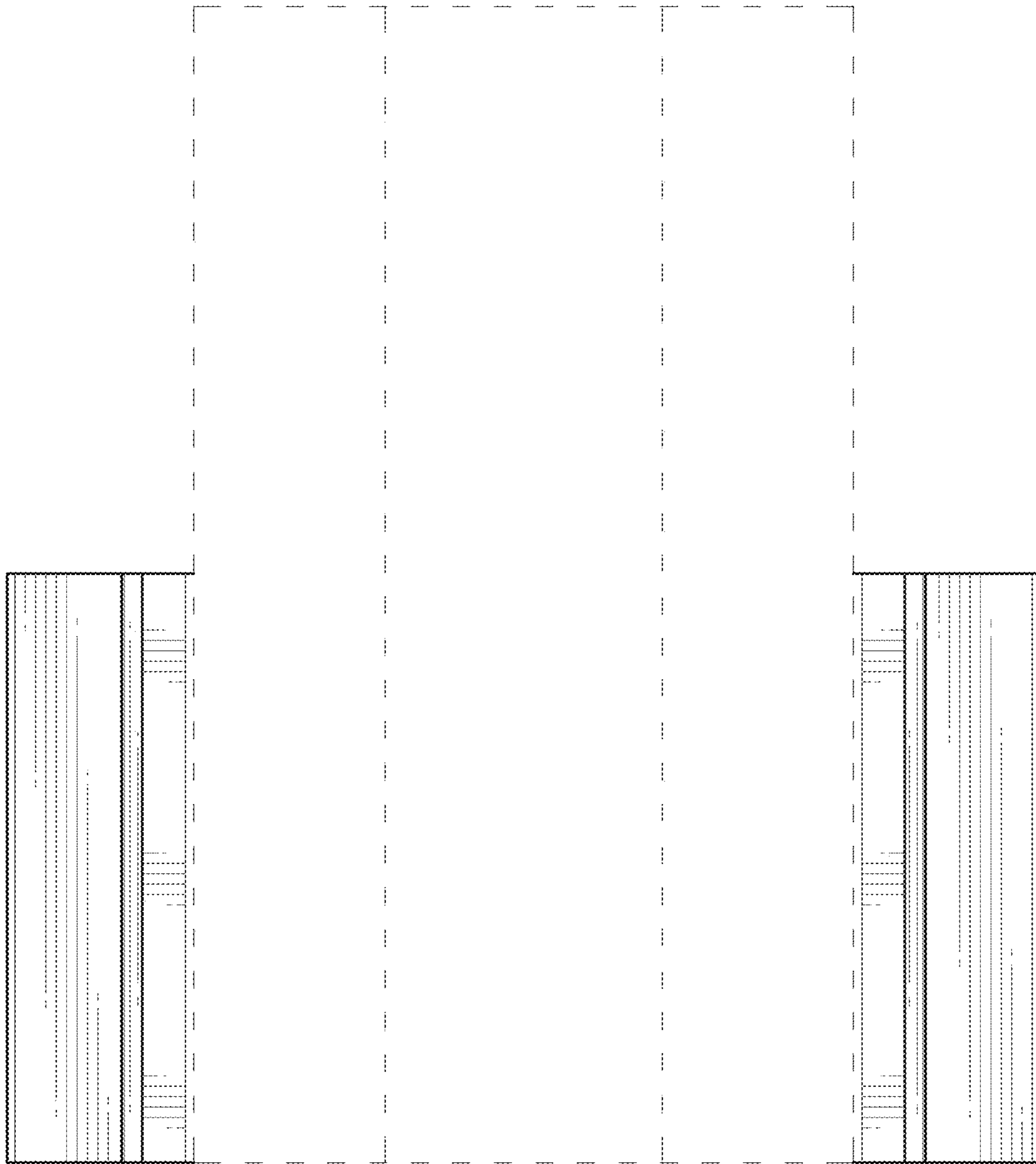


FIG. 8