



US00D627315S

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

(10) **Patent No.:** **US D627,315 S**  
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(54) **LIGHT-EMITTING DIODE**

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

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(51) **LOC (9) Cl.** ..... **13-03**

(52) **U.S. Cl.** ..... **D13/180**

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D26/2; D5/2, 6, 51, 60, 61, 63; D20/22,  
D20/28; D25/153, 155, 157; 257/79, 80,  
257/81, 88, 89, 95, 98, 99, 100, E33.058;  
313/483, 498, 500; 362/555, 800

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

168,063 A \* 9/1875 Taylor ..... 220/62  
D172,110 S \* 5/1954 Rutrick ..... D5/63

(Continued)

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(57) **CLAIM**

The ornamental design for a light-emitting diode, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a light-emitting diode in accordance with a first embodiment of our new design.

FIG. 2 is a front elevational view of the light-emitting diode in accordance with the first embodiment of our new design.

FIG. 3 is a rear elevational view of the light-emitting diode in accordance with the first embodiment of our new design.

FIG. 4 is a left-side, elevational view of the light-emitting diode in accordance with the first embodiment of our new design.

FIG. 5 is a right-side, elevational view of the light-emitting diode in accordance with the first embodiment of our new design.

FIG. 6 is a top plan view of the light-emitting diode in accordance with the first embodiment of our new design.

FIG. 7 is a bottom plan view of the light-emitting diode in accordance with the first embodiment of our new design.

FIG. 8 is a perspective view of the light-emitting diode in accordance with a second embodiment of our new design.

FIG. 9 is a front elevational view of the light-emitting diode in accordance with the second embodiment of our new design.

FIG. 10 is a rear elevational view of the light-emitting diode in accordance with the second embodiment of our new design.

FIG. 11 is a left-side, elevational view of the light-emitting diode in accordance with the second embodiment of our new design.

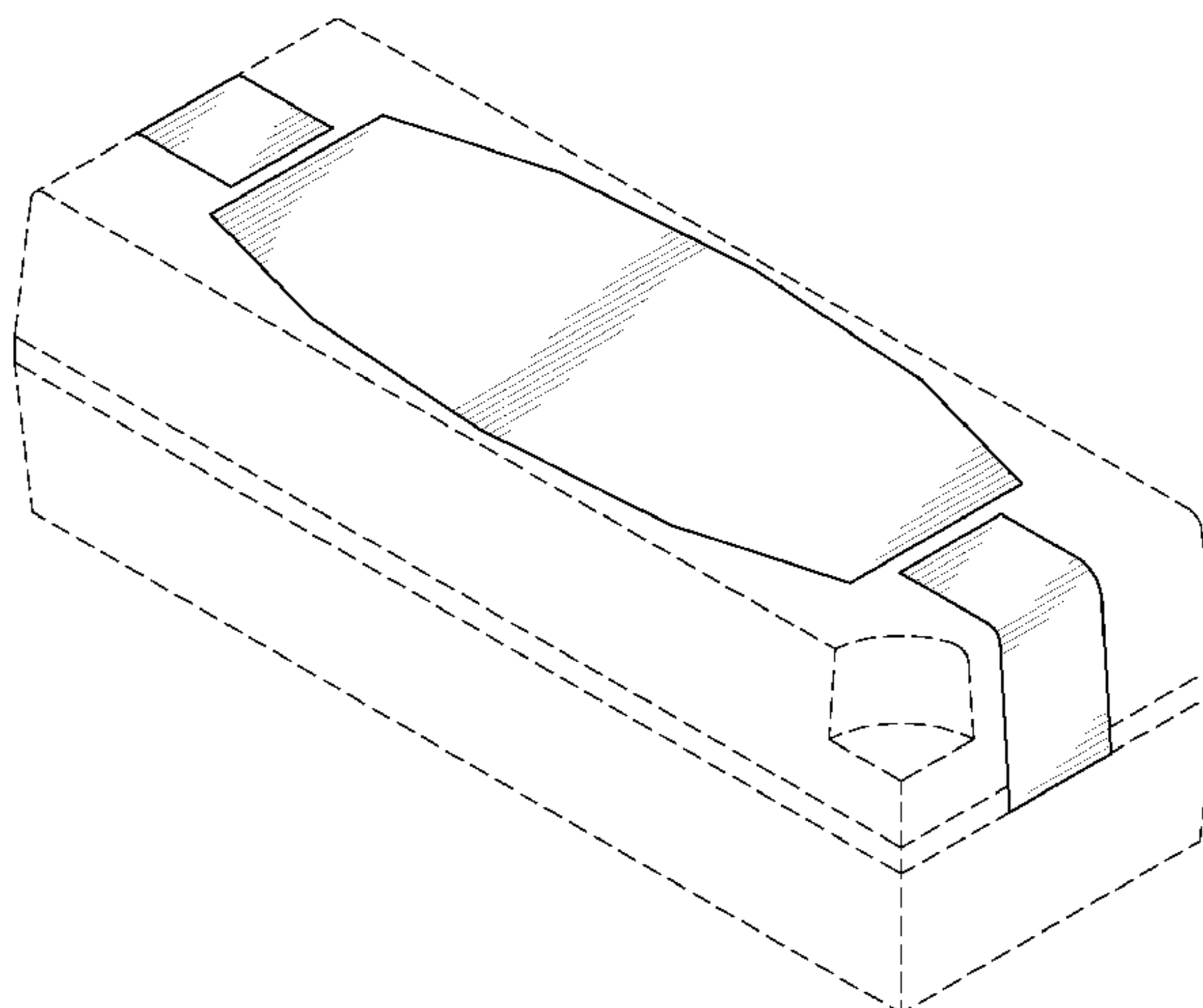
FIG. 12 is a right-side, elevational view of the light-emitting diode in accordance with the second embodiment of our new design.

FIG. 13 is a top plan view of the light-emitting diode in accordance with the second embodiment of our new design; and,

FIG. 14 is a bottom plan view of the light-emitting diode in accordance with the second embodiment of our new design.

The broken line showing of the environment is for illustrative purpose only and forms no part of the claimed design.

**1 Claim, 14 Drawing Sheets**



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## U.S. PATENT DOCUMENTS

3,564,770	A *	2/1971	Korbelic	49/38	D535,263	S *	1/2007	Sumitani	D13/180
3,800,353	A *	4/1974	Roth	15/184	D539,760	S *	4/2007	Sumitani	D13/180
D391,647	S *	3/1998	von Langsdorff et al.	D25/157	D541,759	S *	5/2007	Shin et al.	D13/180
D428,930	S *	8/2000	Dunlap	D20/22	D550,169	S *	9/2007	Wu et al.	D13/180
D428,931	S *	8/2000	Zulch	D20/22	D553,103	S *	10/2007	Sumitani	D13/180
6,259,608	B1 *	7/2001	Berardinelli et al.	361/777	D562,269	S *	2/2008	Wu et al.	D13/180
D490,784	S *	6/2004	Ishida	D13/180	D589,009	S *	3/2009	Sumitani	D13/180
D494,998	S *	8/2004	Blanke, Jr.	D19/3	D593,515	S *	6/2009	Nakagawa	D13/180
D506,449	S *	6/2005	Hoshiba	D13/180	D595,247	S *	6/2009	Kim et al.	D13/180
D508,233	S *	8/2005	Kasae et al.	D13/180	D599,749	S *	9/2009	Bando	D13/180
D509,807	S *	9/2005	Ishida	D13/180	D601,519	S *	10/2009	Sumitani	D13/180
D510,913	S *	10/2005	Sumitani	D13/180	2005/0121688	A1 *	6/2005	Nagai et al.	257/99
D511,147	S *	11/2005	Suenaga	D13/180	2008/0237621	A1 *	10/2008	Takemoto	257/98
D511,148	S *	11/2005	Ishida	D13/180	2008/0246045	A1 *	10/2008	Song	257/98
D515,044	S *	2/2006	Ishida	D13/180	2008/0315227	A1 *	12/2008	Bogner et al.	257/98
D526,971	S *	8/2006	Inoue	D13/180	2009/0166656	A1 *	7/2009	Yu et al.	257/98
D528,515	S *	9/2006	Sumitani	D13/180	2009/0261373	A1 *	10/2009	Shum et al.	257/98
D530,684	S *	10/2006	Tzeng	D13/180					

\* cited by examiner

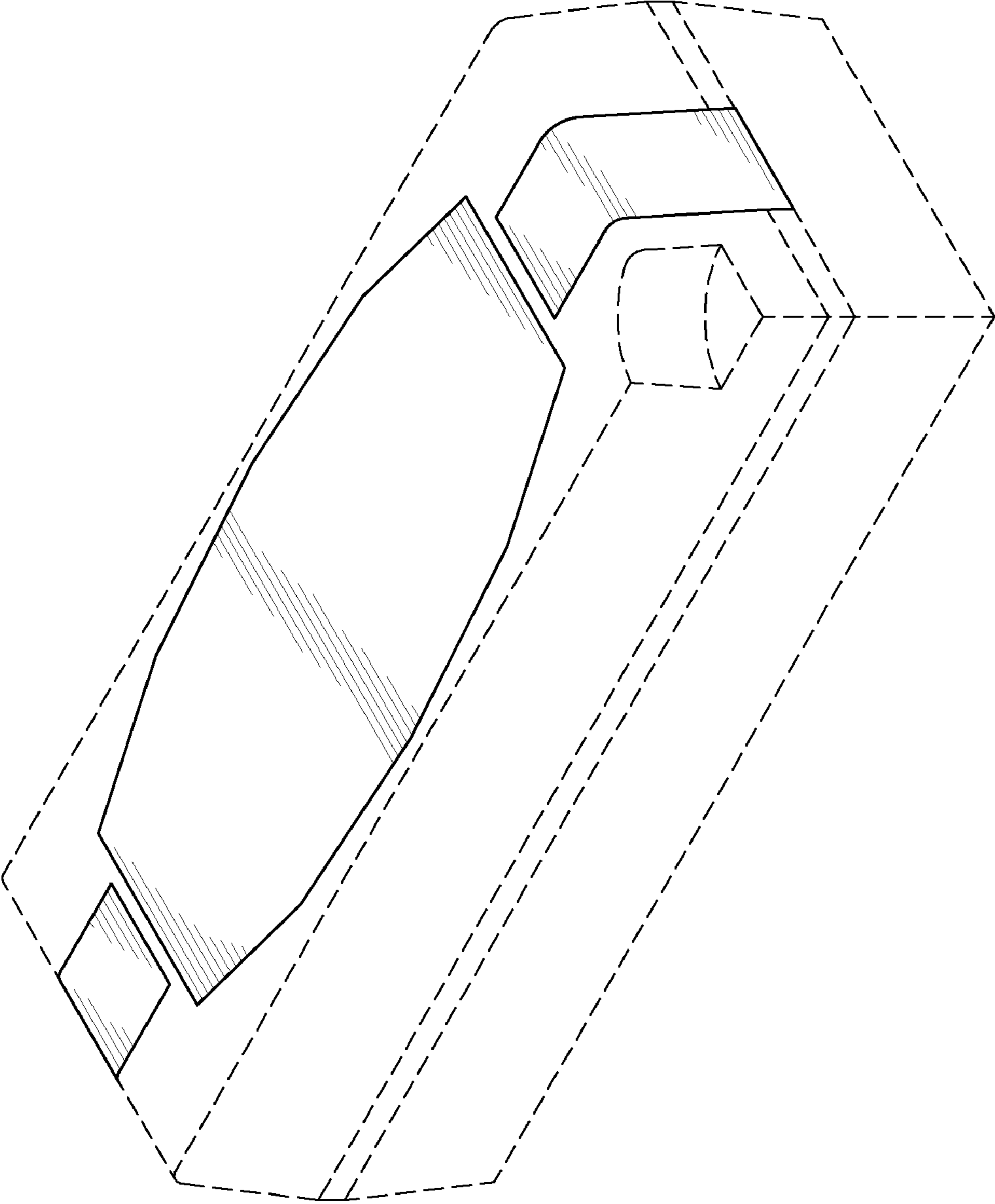


FIG. 1

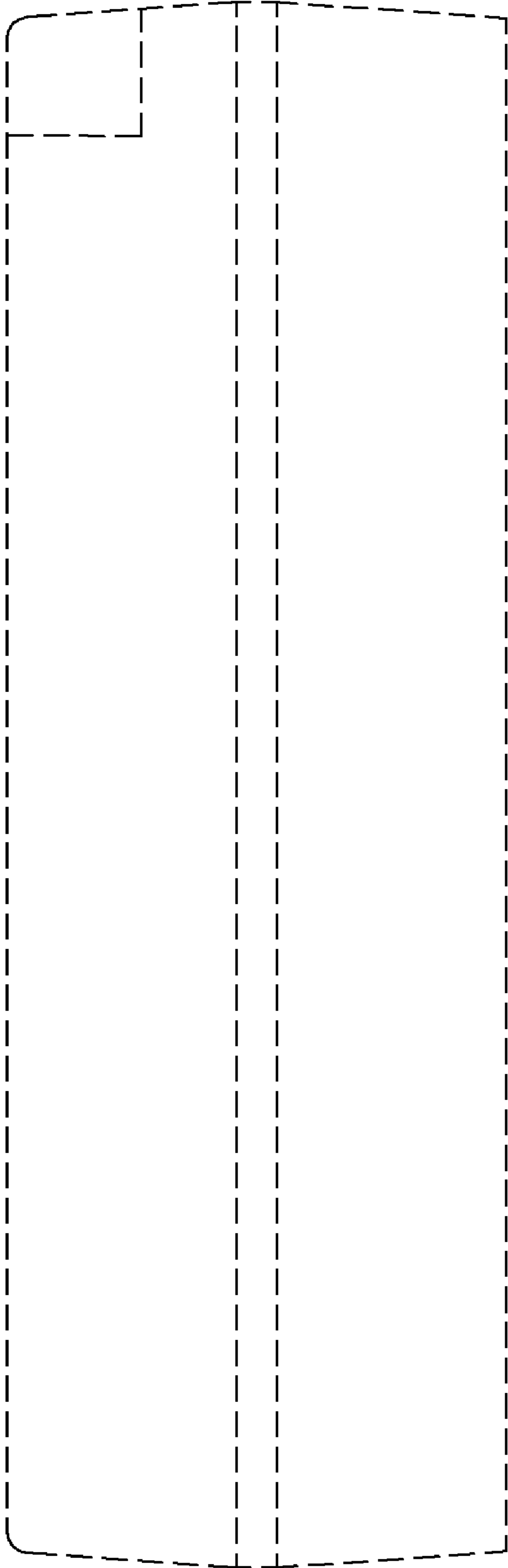


FIG. 2

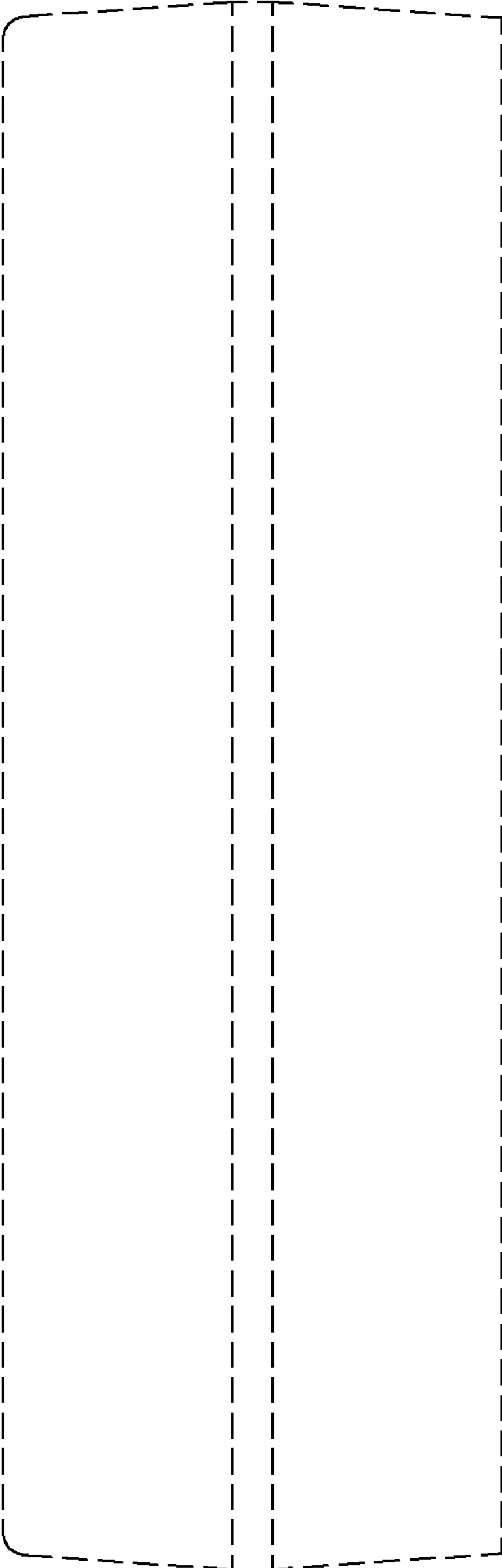


FIG. 3

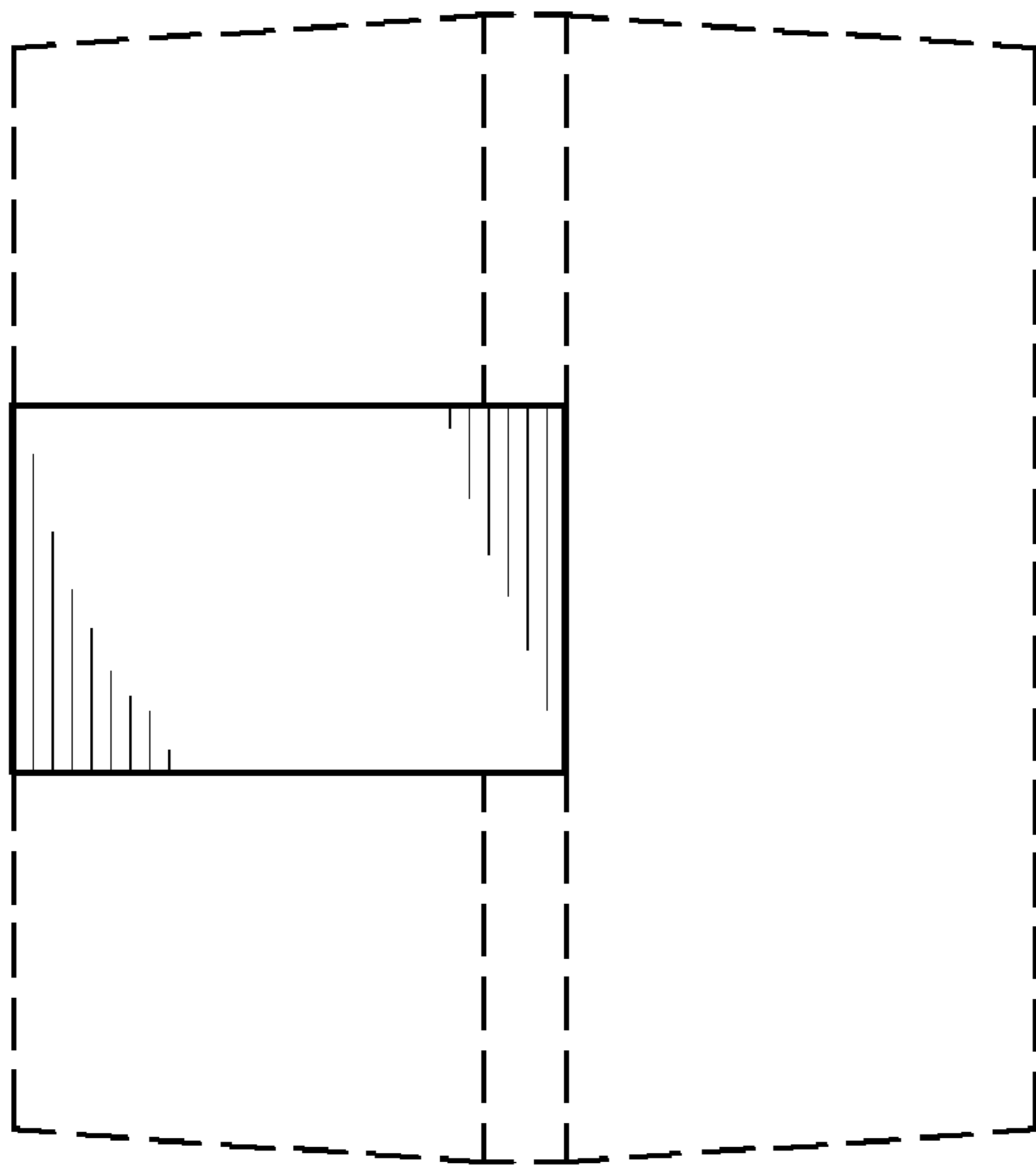


FIG. 4

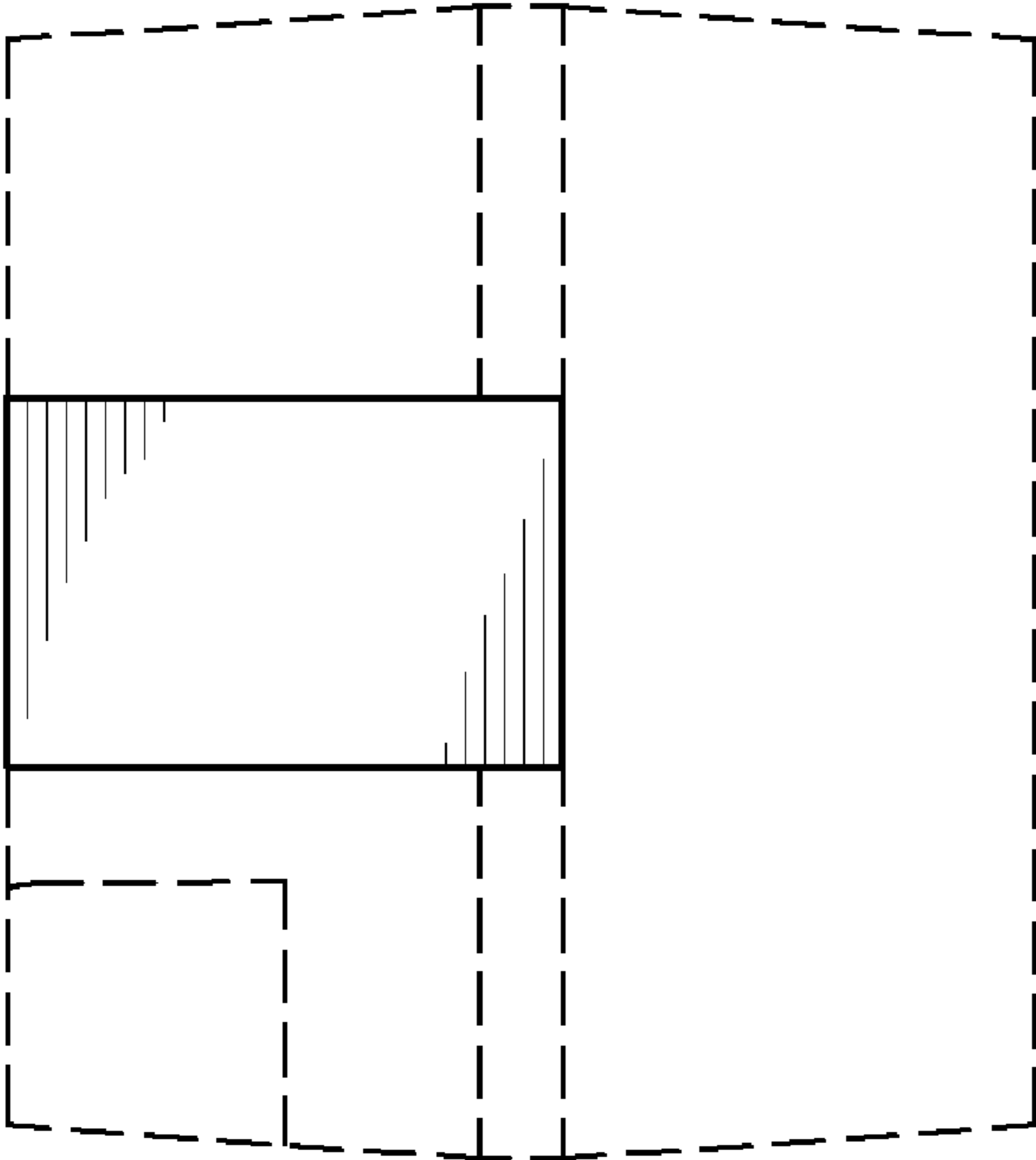


FIG. 5

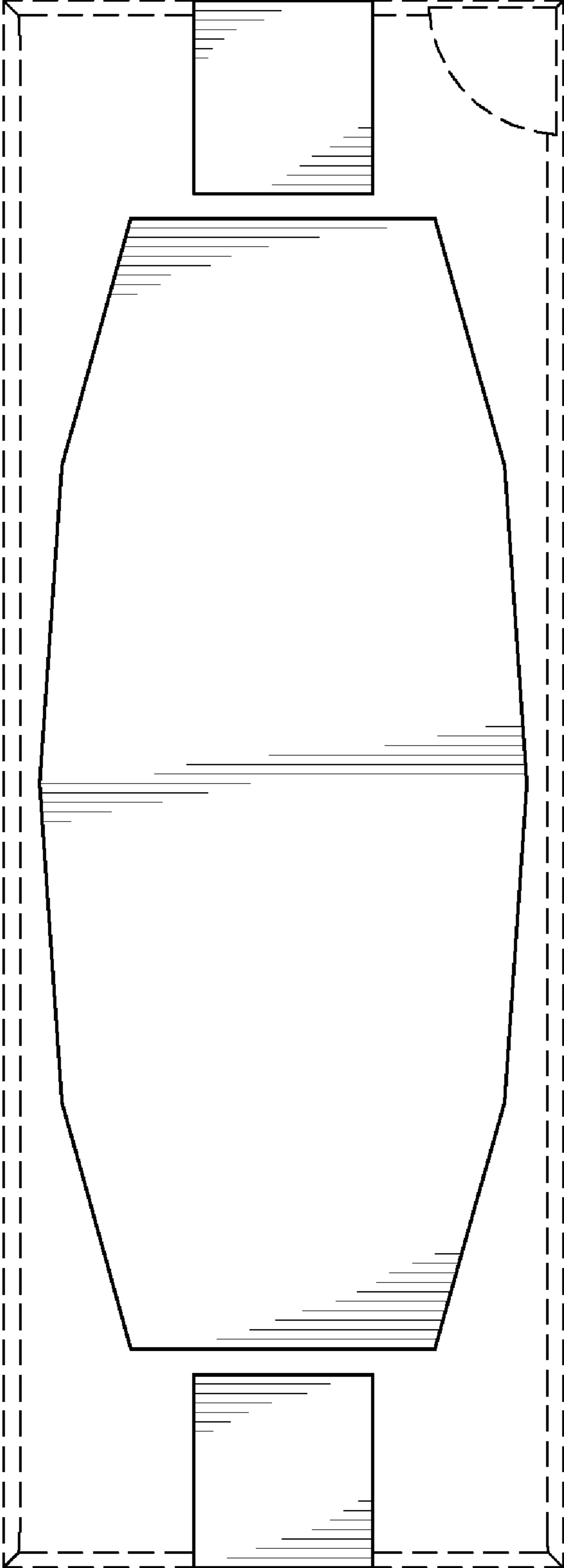


FIG. 6



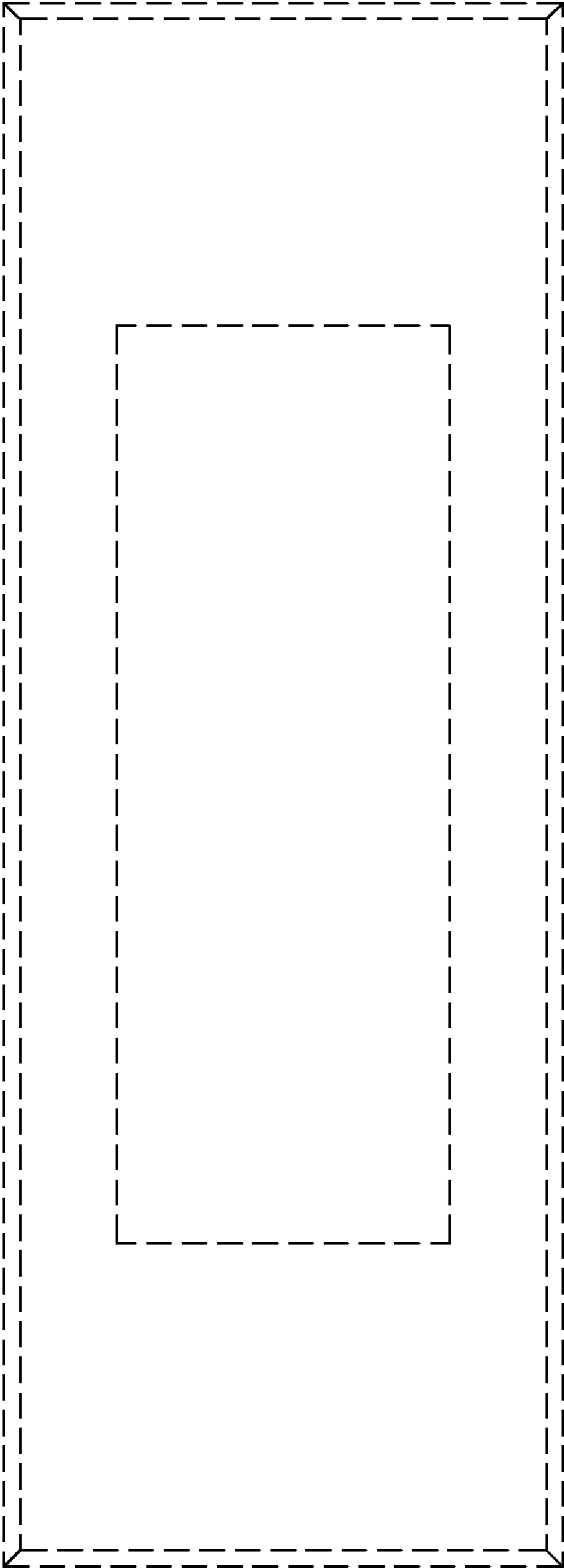


FIG. 7

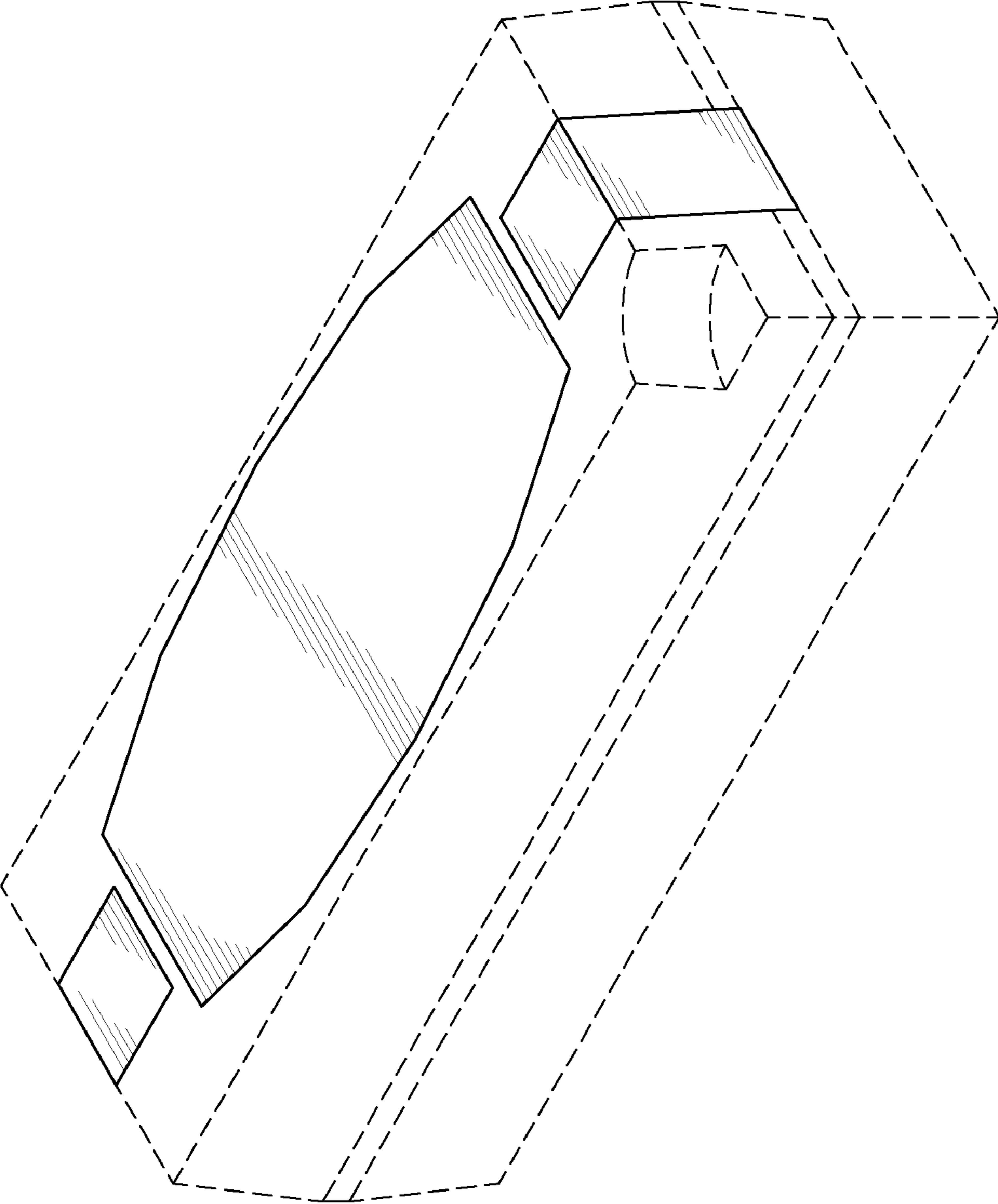


FIG. 8

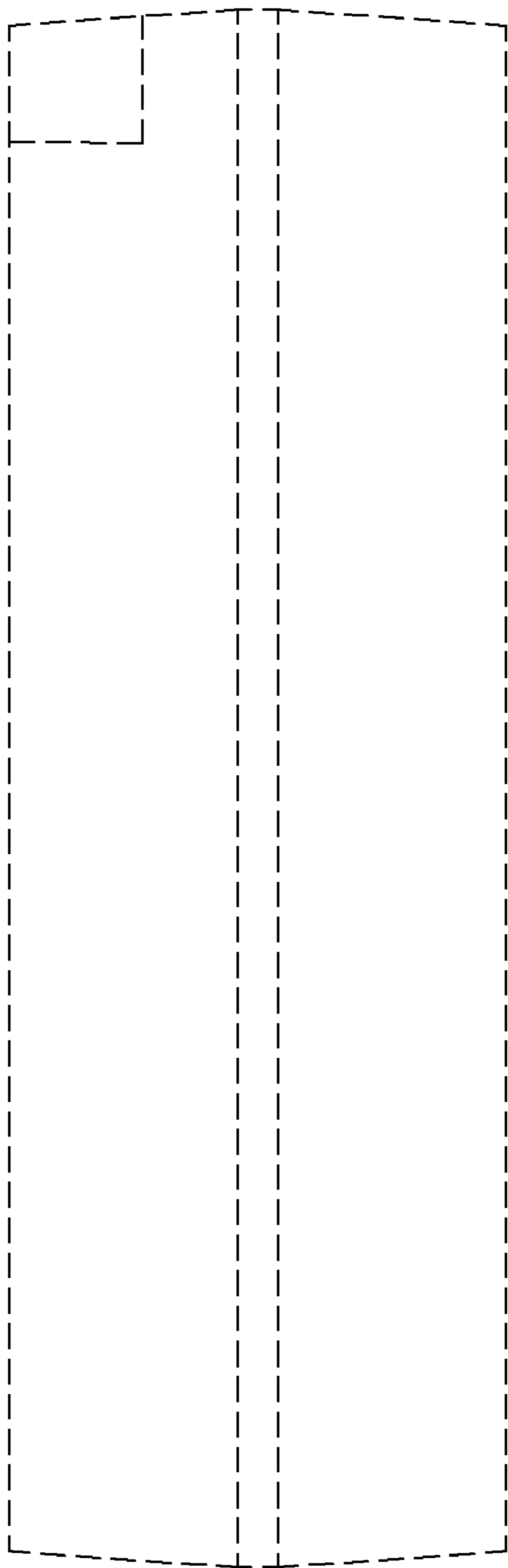


FIG. 9

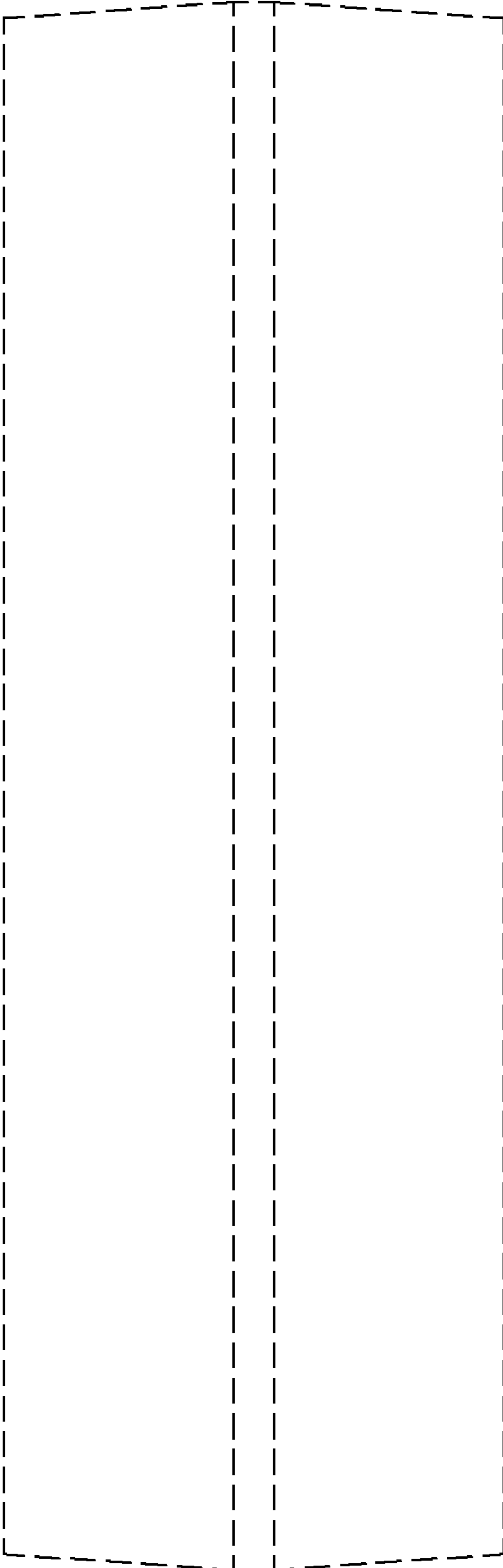


FIG. 10

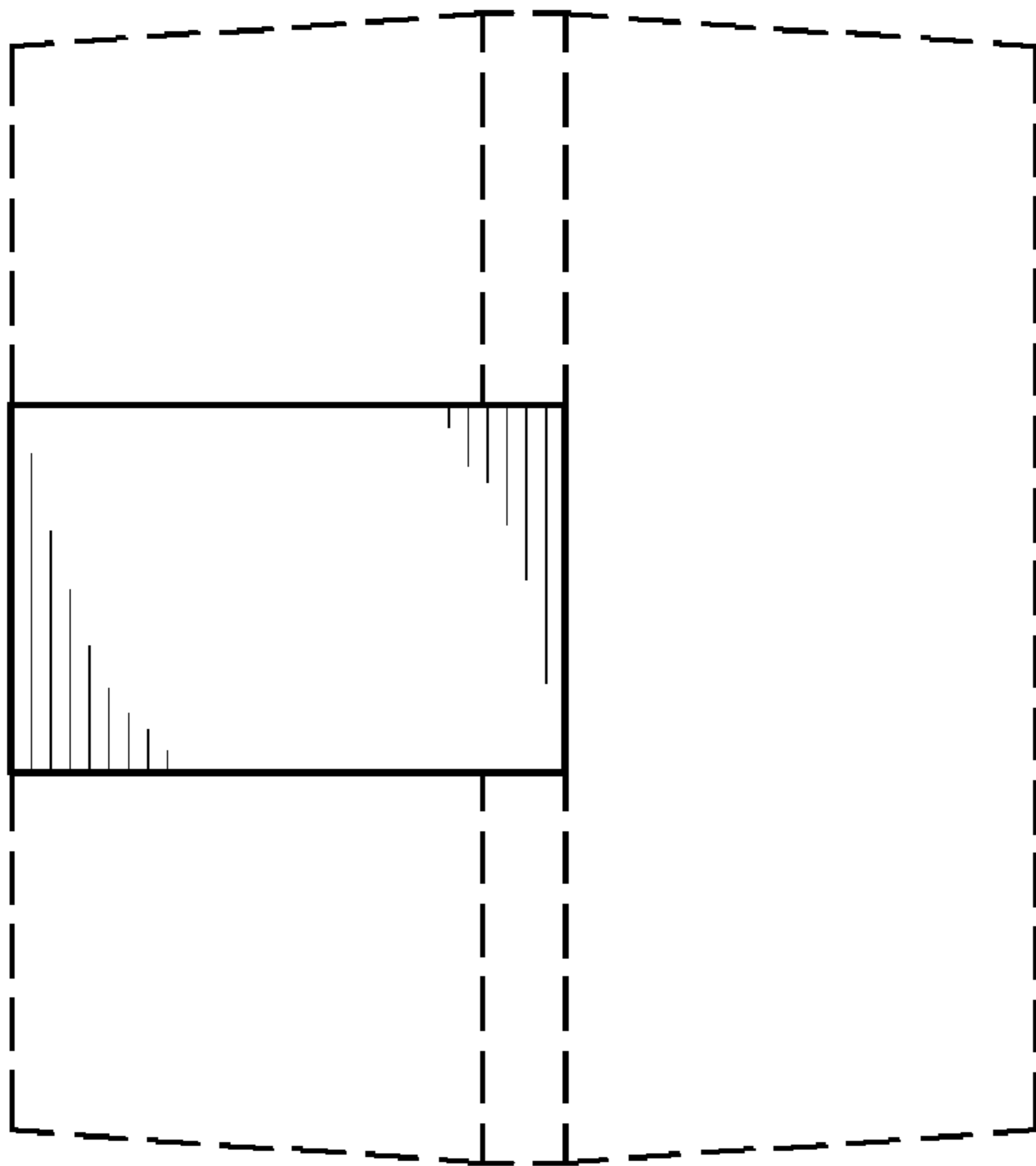


FIG. 11

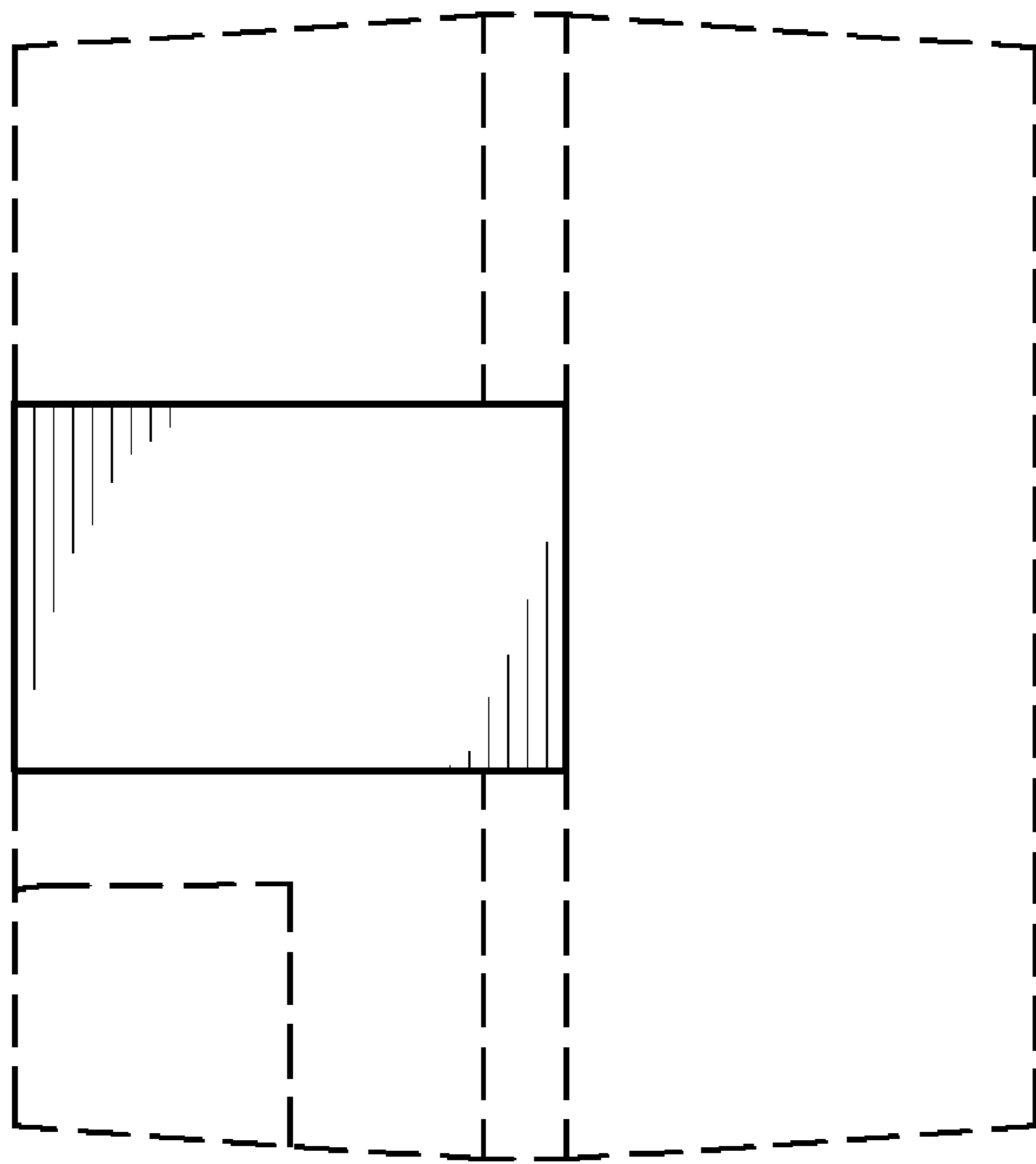


FIG. 12

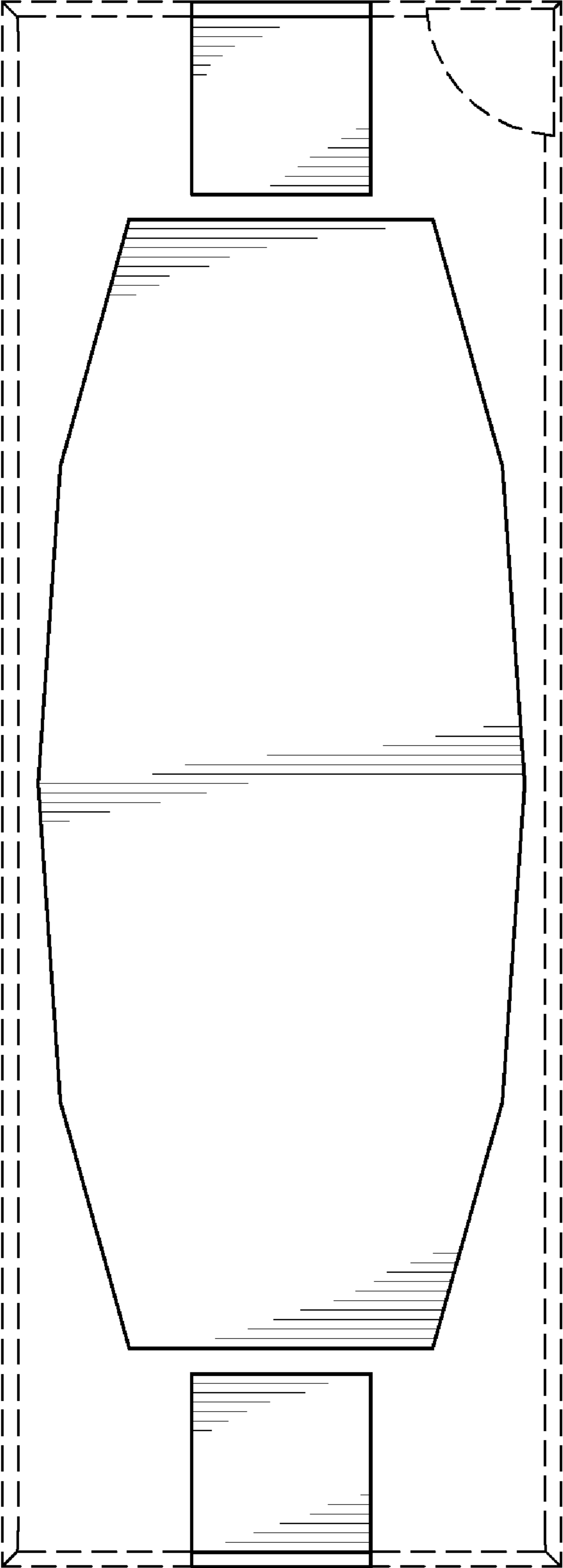


FIG. 13

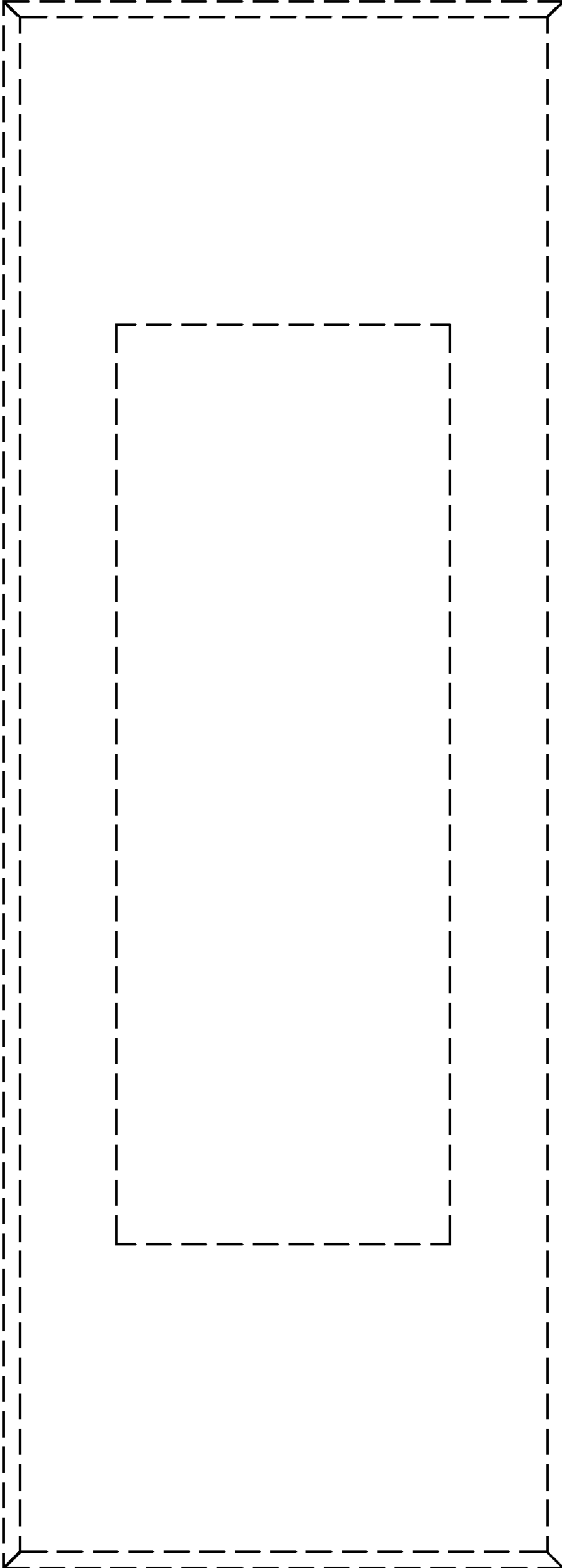


FIG. 14