US00D931518S

(12) **United States Design Patent**
Mier-Langner et al.

(10) **Patent No.: US D931,518 S**
(45) **Date of Patent: ** Sep. 21, 2021**

(54) **LUMINAIRE STRUCTURE**

(71) Applicant: **AXIS LIGHTING INC.**, Lasalle (CA)

(72) Inventors: **Alejandro Mier-Langner**, Providence, RI (US); **Andrew Miles**, Lasalle (CA); **Steven Lavictoire**, Lasalle (CA); **Howard Yaphe**, Lasalle (CA); **Terrence Yeo**, Lasalle (CA)

(73) Assignee: **Axis Lighting Inc.**, LaSalle (CA)

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

(21) Appl. No.: **29/659,245**

(22) Filed: **Aug. 7, 2018**

(51) **LOC (13) Cl.** **26-05**

(52) **U.S. Cl.**
USPC **D26/120**

(58) **Field of Classification Search**
USPC D26/24, 72, 74, 76, 80, 81, 88, 118, 119, D26/120, 121, 128; 362/184, 257, 330
CPC F21S 8/00; F21S 8/02; F21S 8/03; F21S 8/04; F21S 8/06; F21S 8/026; F21S 8/043; F21S 8/046; F21V 5/00; F21V 5/002; F21V 7/00; F21V 7/05; F21V 7/06; F21V 7/0008; F21V 15/01; F21V 15/12; F21V 21/03; F21V 21/04; F21V 21/008; F21Y 2105/18;
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D350,831 S 9/1994 Porter
D477,891 S * 7/2003 Fritze D26/74
(Continued)

OTHER PUBLICATIONS

Eaton, Metalux, 22EN LED, 2'×2' Troffer LED Module, publicly available prior to Aug. 7, 2018).

Primary Examiner — Wan Laymon
Assistant Examiner — Clint A Samuel
(74) *Attorney, Agent, or Firm* — Barnes & Thornburg LLP

(57) **CLAIM**

What is claimed is the ornamental design for a luminaire structure, as shown and described.

DESCRIPTION

FIG. **1** is a top of the luminaire structure showing the design;
FIG. **2** is a bottom perspective view thereof;
FIG. **3** is a top plan view thereof;
FIG. **4** is a bottom plan view thereof;
FIG. **5** is a left side elevational view thereof, the right side elevation being a mirror image thereof and therefore omitted; and,
FIG. **6** is a front side elevational view thereof, the rear elevation being a mirror image thereof and therefore omitted.

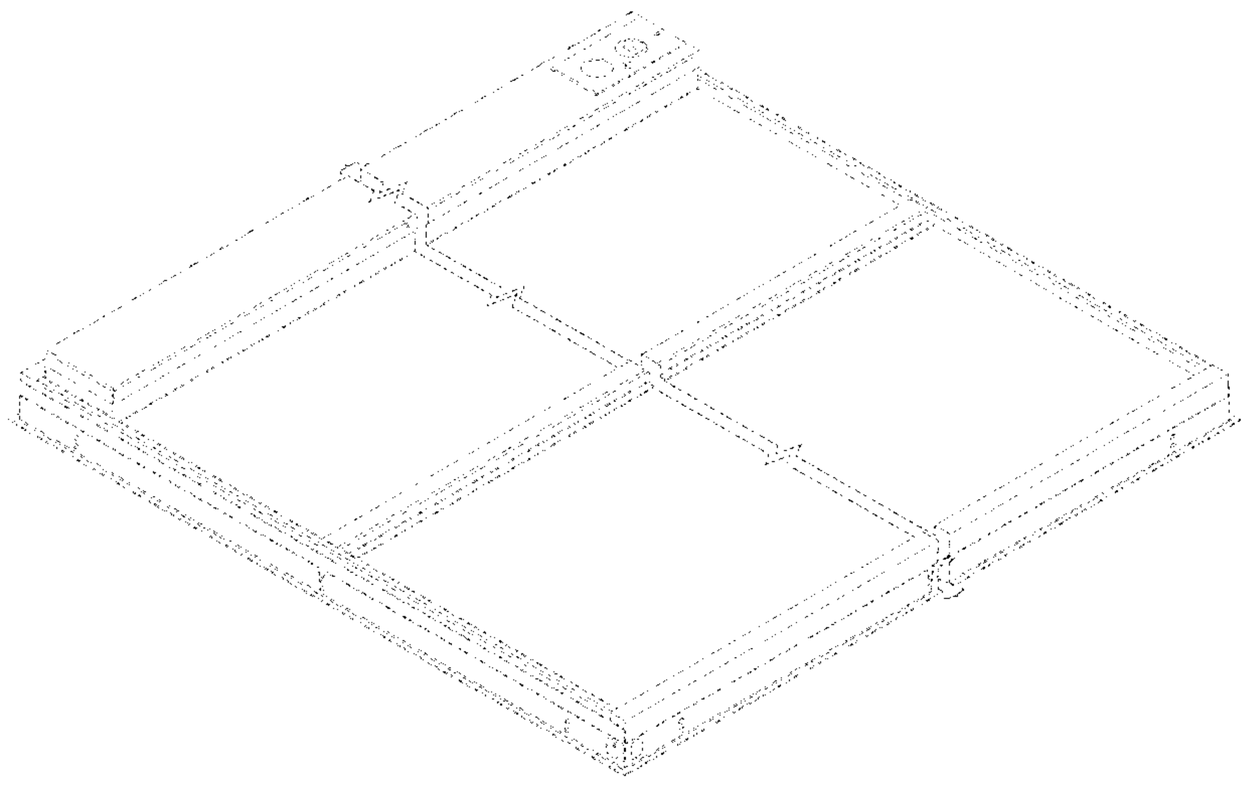
The luminaire structure is an illuminatable device capable of multiple states of illumination. The broken radiating line representations shown in the figures are provided for the purpose of illustrating illumination regions in a state of illumination and are not intended to depict any particular color, texture, reflectivity, or material. Light providing the illumination in an illuminated state is not indicated to be nor intended to be emanating from any particular source or type of lighting device.

The broken lines in the drawings are directed to environment and are for illustrative purposes and form no part of the claimed design.

The luminaire structure is shown with symbolic break lines along its dimensions. The appearance of any portion of the article between the break lines forms no part of the claimed design. A separation and a bracket are used to indicate that, for ease of illustration, the specific dimension of the article associated with the separation and bracket is not claimed and is to be broadly interpreted.

The luminaire structure is not limited to the scale shown herein.

1 Claim, 5 Drawing Sheets



(58) **Field of Classification Search**
CPC F21W 2131/00; F21W 2131/10; F21W 2131/20; F21W 2131/30; F21W 2131/40; F21W 2131/105; F21W 2131/1005
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D556,358	S	*	11/2007	Santoro	D26/74
D572,858	S	*	7/2008	Santoro	D26/120
D579,598	S	*	10/2008	Santoro	D26/76
D595,006	S	*	6/2009	Santoro	D26/120
D608,931	S	*	1/2010	Castelli	D26/76
D608,932	S	*	1/2010	Castelli	D26/76
D609,385	S	*	2/2010	Castelli	D26/76
D609,386	S	*	2/2010	Castelli	D26/76
D609,854	S	*	2/2010	Lown	D26/120
D680,254	S	*	4/2013	Mayfield, III	D26/74
D698,975	S		2/2014	Blessitt et al.	
D701,988	S		4/2014	Clements	
D703,858	S	*	4/2014	Miller	D26/76
D705,974	S		5/2014	Blessitt et al.	
D726,359	S		4/2015	Grigore et al.	
D733,960	S	*	7/2015	Howe	D26/122
D734,534	S	*	7/2015	Howe	D26/122
D735,401	S		7/2015	Clements	
D769,515	S	*	10/2016	Clark	D26/120
D788,356	S		5/2017	Clements	
9,666,744	B2		5/2017	Clements	
D804,711	S	*	12/2017	Leadford	D26/120
D810,998	S	*	2/2018	DiFelice	D26/118
9,977,174	B2		5/2018	Clements	
D838,406	S	*	1/2019	Parker	D26/118
D842,533	S	*	3/2019	DiFelice	D26/118
10,228,111	B2	*	3/2019	Demuynck	F21V 7/005
D850,699	S	*	6/2019	Xu	D26/76
D862,787	S	*	10/2019	Rashidi Doust	D26/120
D865,272	S	*	10/2019	DiFelice	D26/118
D870,357	S	*	12/2019	Hu	D26/120
10,508,794	B2	*	12/2019	Lim	F21V 7/0016
D884,257	S	*	5/2020	DiFelice	D26/118
D908,271	S	*	1/2021	Hawthorne	D26/120
2015/0016108	A1	*	1/2015	Howe	F21V 17/101 362/235
2015/0159839	A1	*	6/2015	Howe	F21V 29/505 362/311.01
2015/0252982	A1	*	9/2015	Demuynck	F21V 7/005 362/184
2017/0356606	A1	*	12/2017	Rashidi Doust	F21V 29/83
2020/0332970	A1	*	10/2020	Agro	F21V 7/005

* cited by examiner

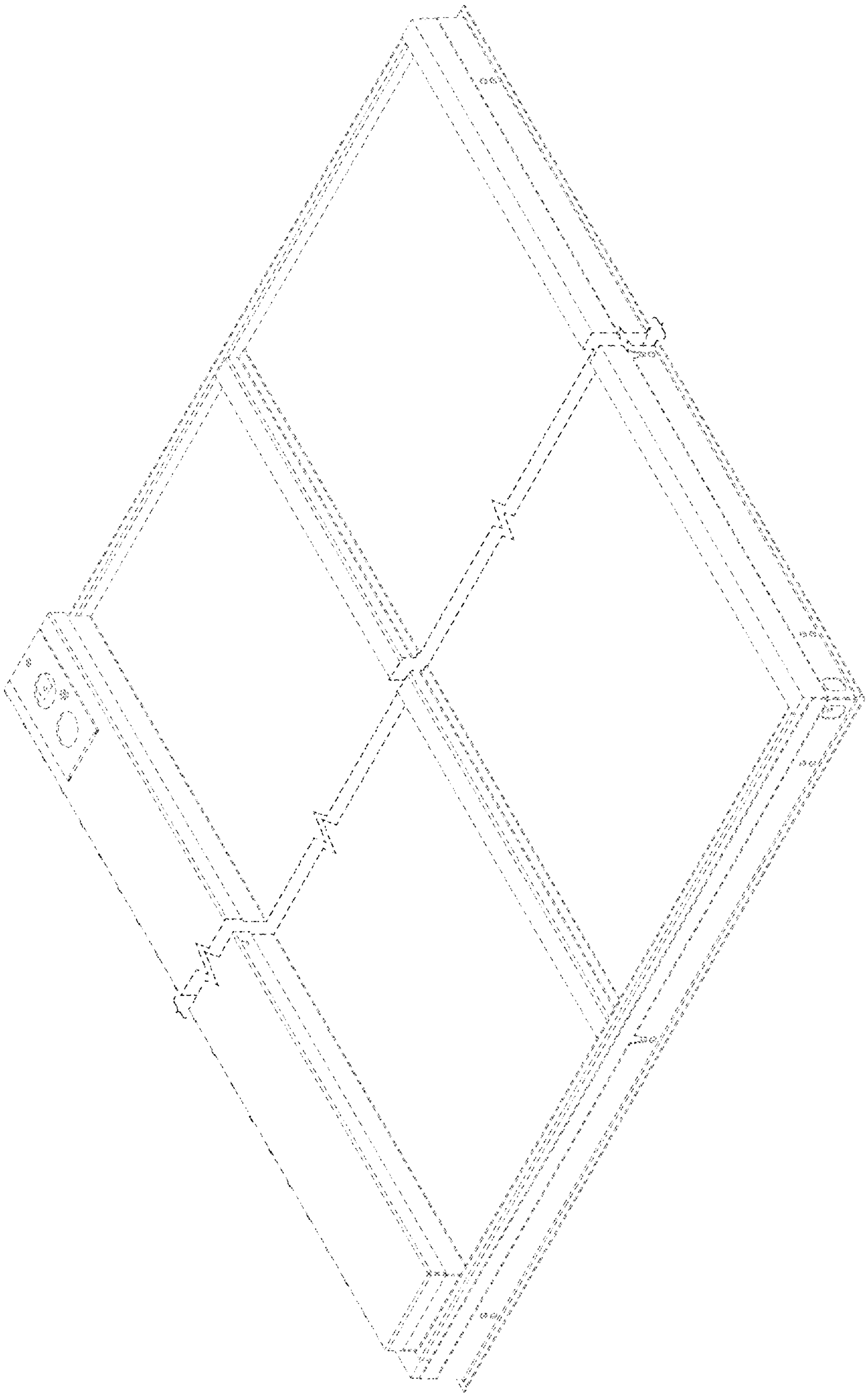


FIG. 1

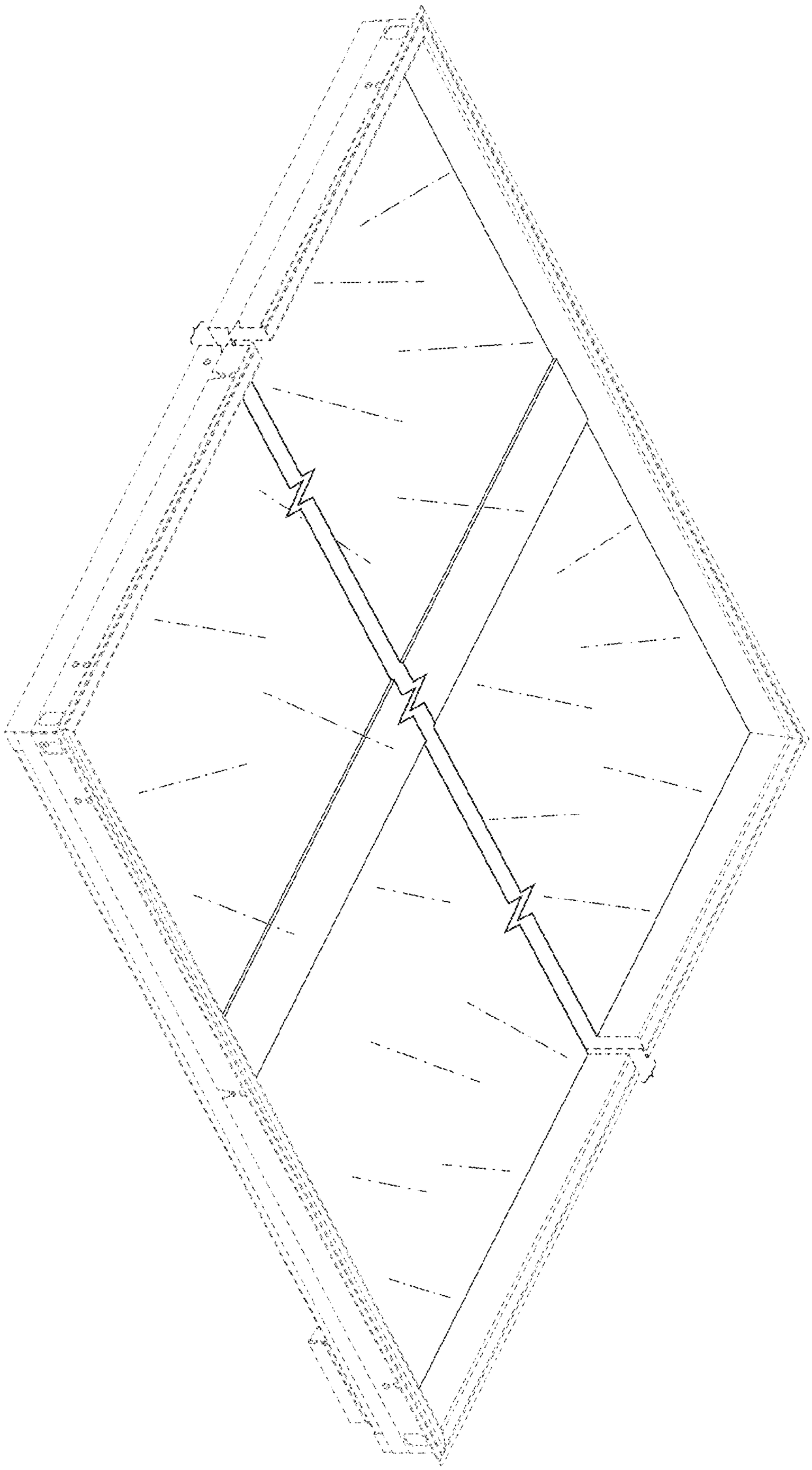


FIG. 2

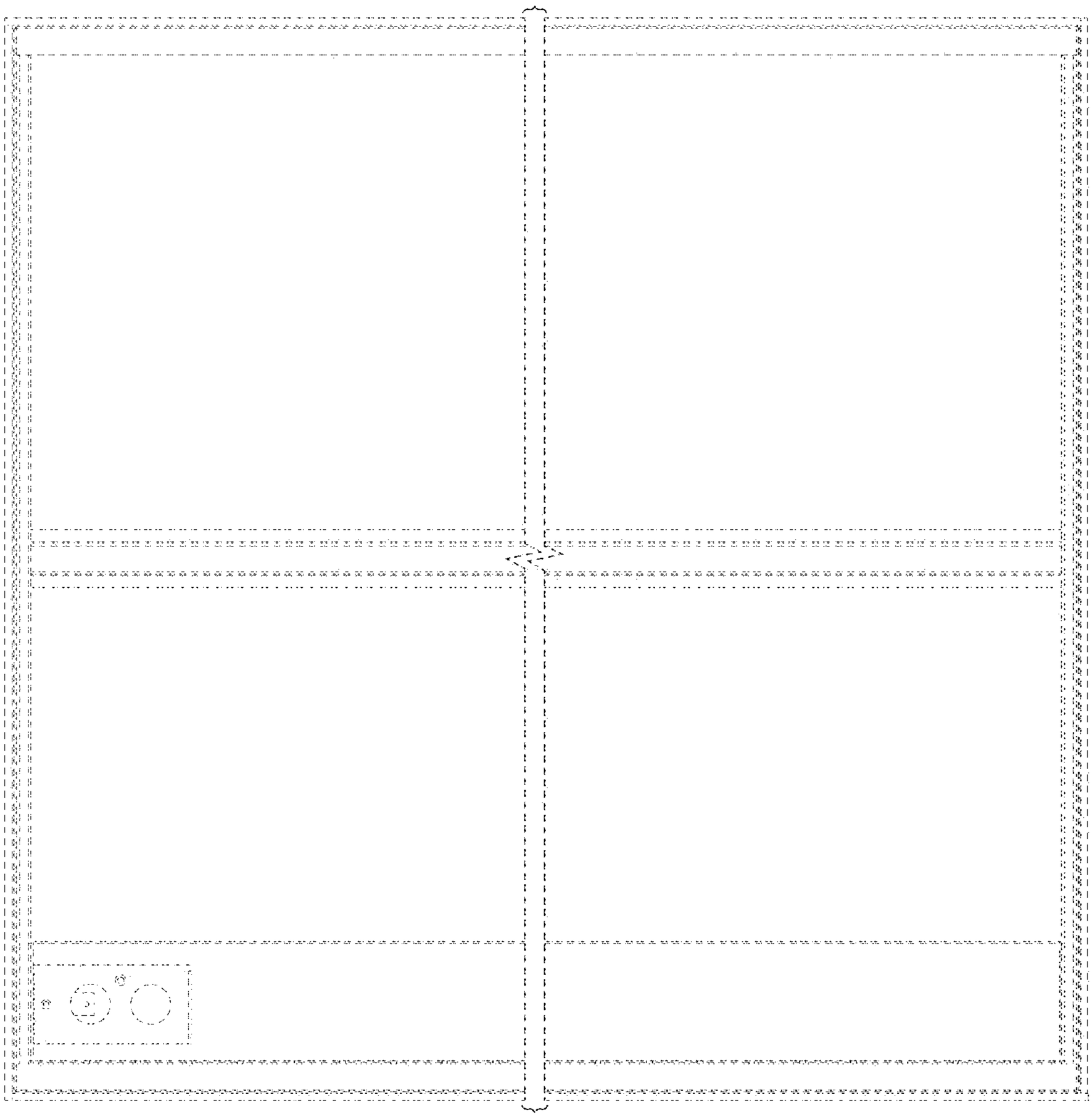


FIG. 3

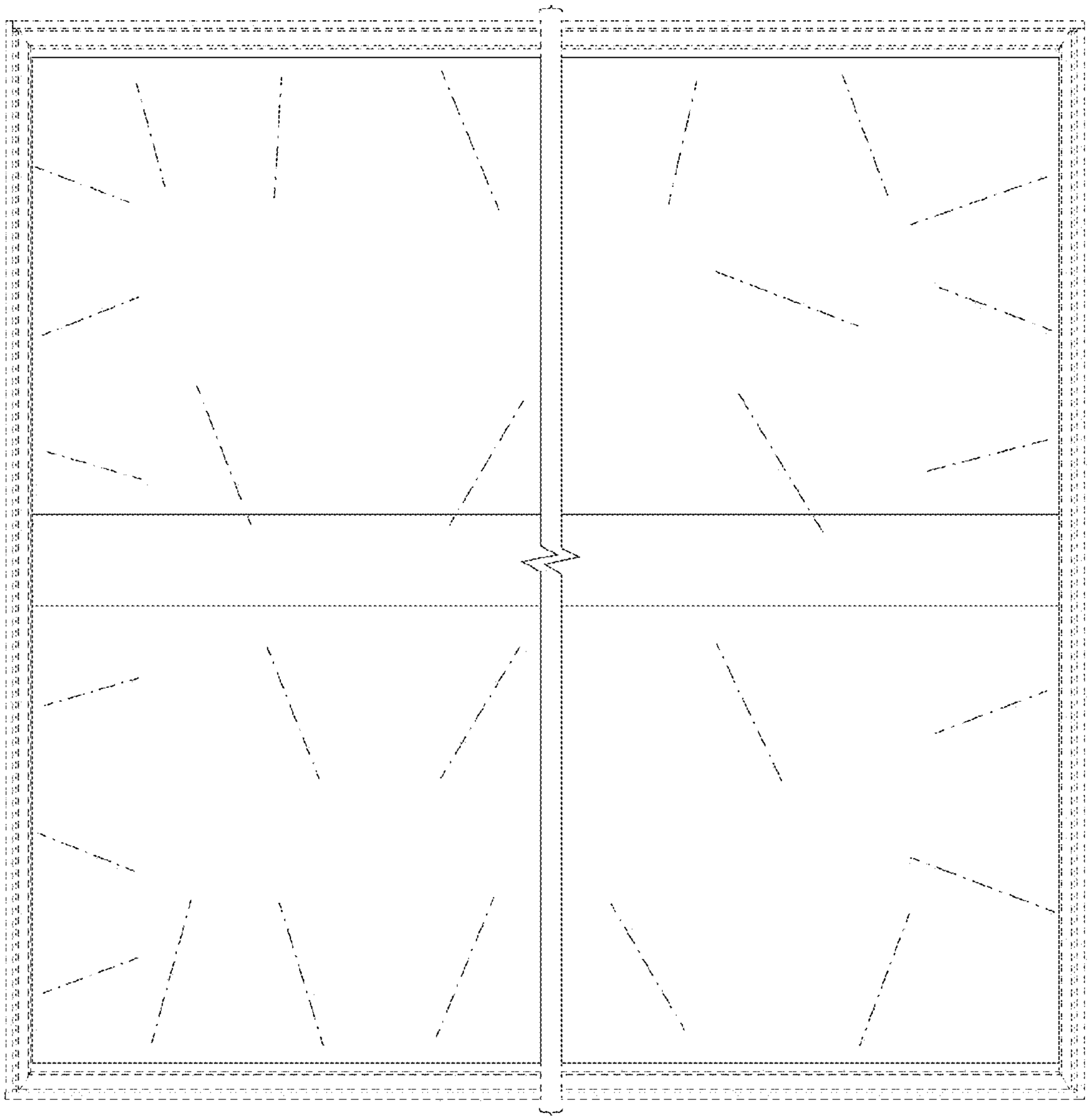


FIG. 4

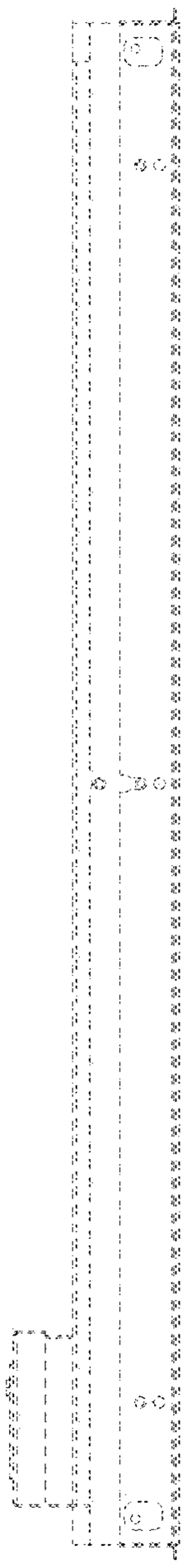


FIG. 5

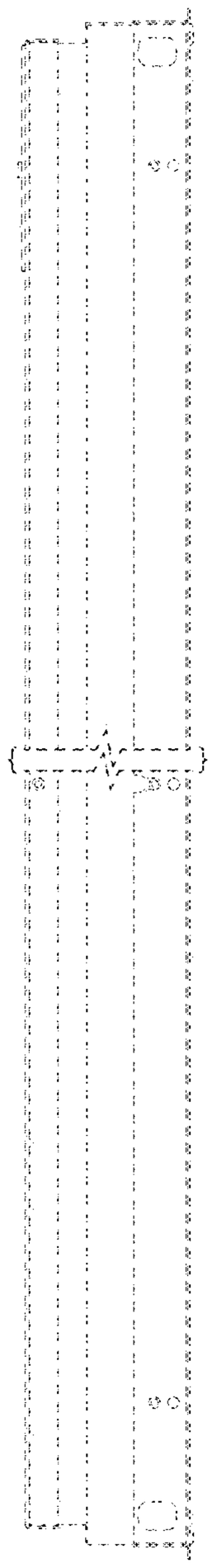


FIG. 6