



US00D798470S

(12) **United States Design Patent** (10) **Patent No.:** **US D798,470 S**  
**Kroeplien et al.** (45) **Date of Patent:** **\*\* Sep. 26, 2017**

(54) **APPARATUS FOR PROVIDING SECURE STORAGE**

(71) Applicant: **Trachte Building Systems, Inc.**, Sun Prairie, WI (US)

(72) Inventors: **Joshua J. Kroeplien**, Sun Prairie, WI (US); **Theodore A. Sempf**, Sun Prairie, WI (US)

(73) Assignee: **Trachte Building Systems, Inc.**, Sun Prairie, WI (US)

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

(21) Appl. No.: **29/558,496**

(22) Filed: **Mar. 18, 2016**

**Related U.S. Application Data**

(62) Division of application No. 29/458,037, filed on Jun. 14, 2013, now Pat. No. Des. 752,242, which is a (Continued)

(51) **LOC (10) Cl.** ..... **25-01**

(52) **U.S. Cl.**  
USPC ..... **D25/33**

(58) **Field of Classification Search**  
USPC ..... D25/1-33; D21/834; D6/663, 671; 52/36.1, 79.1-79.5, 169.6, 80.1-81.6, 52/90.1-93.2

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

3,905,167 A 9/1975 Watkins  
4,493,118 A \* 1/1985 Braxton ..... A47K 3/32  
4/449

(Continued)

**FOREIGN PATENT DOCUMENTS**

WO 2013142582 A1 9/2013

**OTHER PUBLICATIONS**

International Preliminary Report on Patentability, dated Sep. 23, 2014, for PCT/U52013/033114 filed Mar. 20, 2013.

(Continued)

*Primary Examiner* — Thomas Johannes

*Assistant Examiner* — Samantha Q Lawrence

(74) *Attorney, Agent, or Firm* — Boardman & Clark LLP

(57) **CLAIM**

The ornamental design for an apparatus for providing secure storage, as shown and described.

**DESCRIPTION**

FIG. 1 is a top, front and right side perspective view of an apparatus for providing secure storage in accordance with our new design;

FIG. 2 is a front elevation view of the apparatus shown in FIG. 1;

FIG. 3 is a rear elevation view of the apparatus shown in FIG. 1;

FIG. 4 is a top plan view of the apparatus shown in FIG. 1;

FIG. 5 is a right side elevation view of the apparatus shown in FIG. 1; and,

FIG. 6 is a left side elevation view of the apparatus shown in FIG. 1.

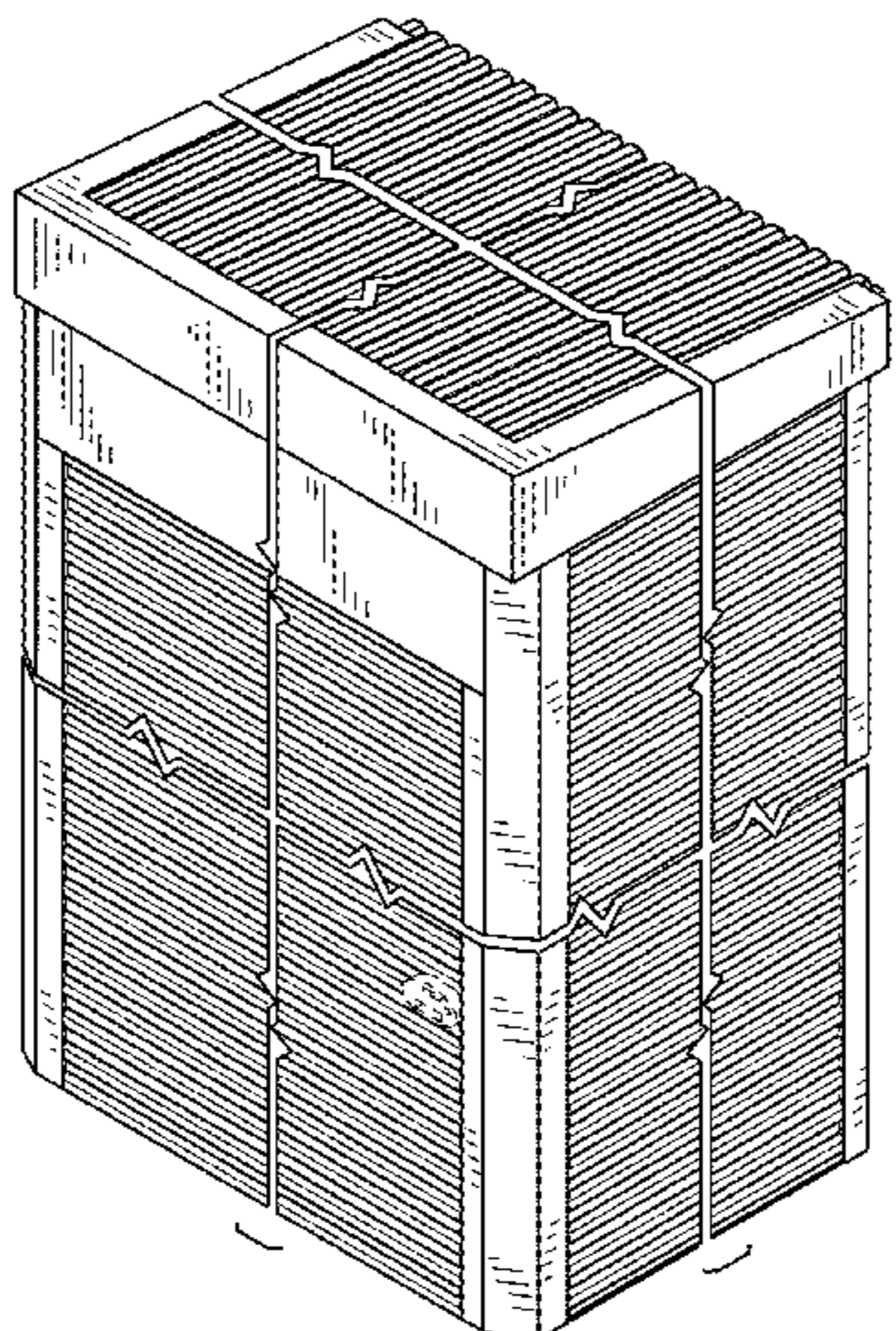
The bottom of the apparatus for providing secure storage does not comprise any portion of the invention, and hence is not shown in the drawings.

The apparatus for providing secure storage is shown with a symbolic break in its length, width and height. The appearance of any portion of the apparatus between the break lines forms no part of the claimed design.

The broken lines in the drawings are for illustrative purposes only and show portions of the apparatus for providing secure storage that form no part of the claimed design.

In addition, the surface shading illustrated in the drawings is provided merely to highlight the contour of the design; it is not intended to be illustrative of texture or gloss.

**1 Claim, 5 Drawing Sheets**



**Related U.S. Application Data**

division of application No. 29/395,738, filed on Mar. 20, 2012, now Pat. No. Des. 686,750.

(56)

**References Cited**

U.S. PATENT DOCUMENTS

4,646,928	A	3/1987	Ono et al.
4,981,225	A	1/1991	Cole et al.
5,170,829	A	12/1992	Duncan et al.
5,301,479	A	4/1994	Romig
5,573,125	A	11/1996	Denny et al.
D384,419	S	9/1997	Dickinson et al.
D405,540	S	2/1999	Maple
5,984,121	A	11/1999	Cole et al.
6,148,752	A	11/2000	Upmeyer et al.
6,585,122	B2	7/2003	Calleja et al.
6,619,490	B2	9/2003	Calleja et al.
D487,807	S	3/2004	Graham
D487,931	S	3/2004	Graham
6,698,604	B2	3/2004	Denny et al.
6,722,512	B2	4/2004	Scully et al.
6,805,187	B2	10/2004	Padiak et al.

7,014,053	B2	3/2006	Calleja et al.
D643,542	S *	8/2011	Lucht ..... D25/33
D653,354	S *	1/2012	Uffner ..... D25/32
D662,221	S	6/2012	Small
D662,222	S	6/2012	Thuma et al.
D686,750	S *	7/2013	Kroeplien ..... D25/33
D752,242	S *	3/2016	Kroeplien ..... D25/33
2006/0016134	A1 *	1/2006	Luchinger ..... G01G 21/286 52/79.1
2013/0276679	A1	10/2013	Kroeplien et al.

OTHER PUBLICATIONS

International Search Report and Written Opinion of the International Searching Authority, dated Jun. 5, 2013, for PCT/US2013/033144 filed Mar. 20, 2013.  
 Trachte Building Systems, Rack-Lock Product Demo, You Tube, Nov. 29, 2011, <URL:<http://www.youtube.com/watch?v=dsuT-qlxwY>>, entire video, [retrieved on Jan. 16, 2014].  
 Trac-Rite, Rack Lock Manual [online], <URL:[http://www.cisco-eagle.com/uploads/TracRite/Rack-Lock\\_Install\\_Manual.pdf](http://www.cisco-eagle.com/uploads/TracRite/Rack-Lock_Install_Manual.pdf)>, entire document.

\* cited by examiner

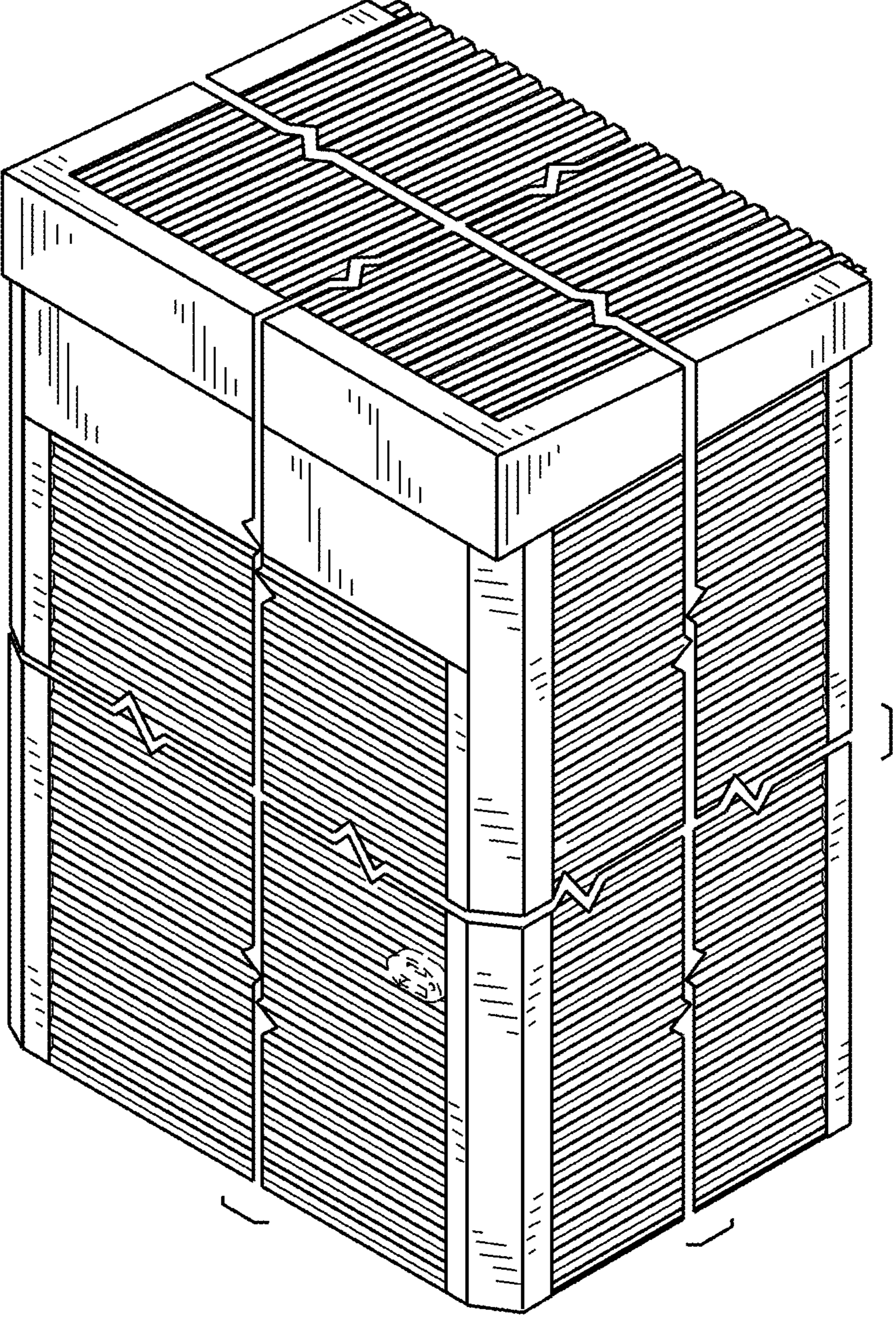


FIG. 1

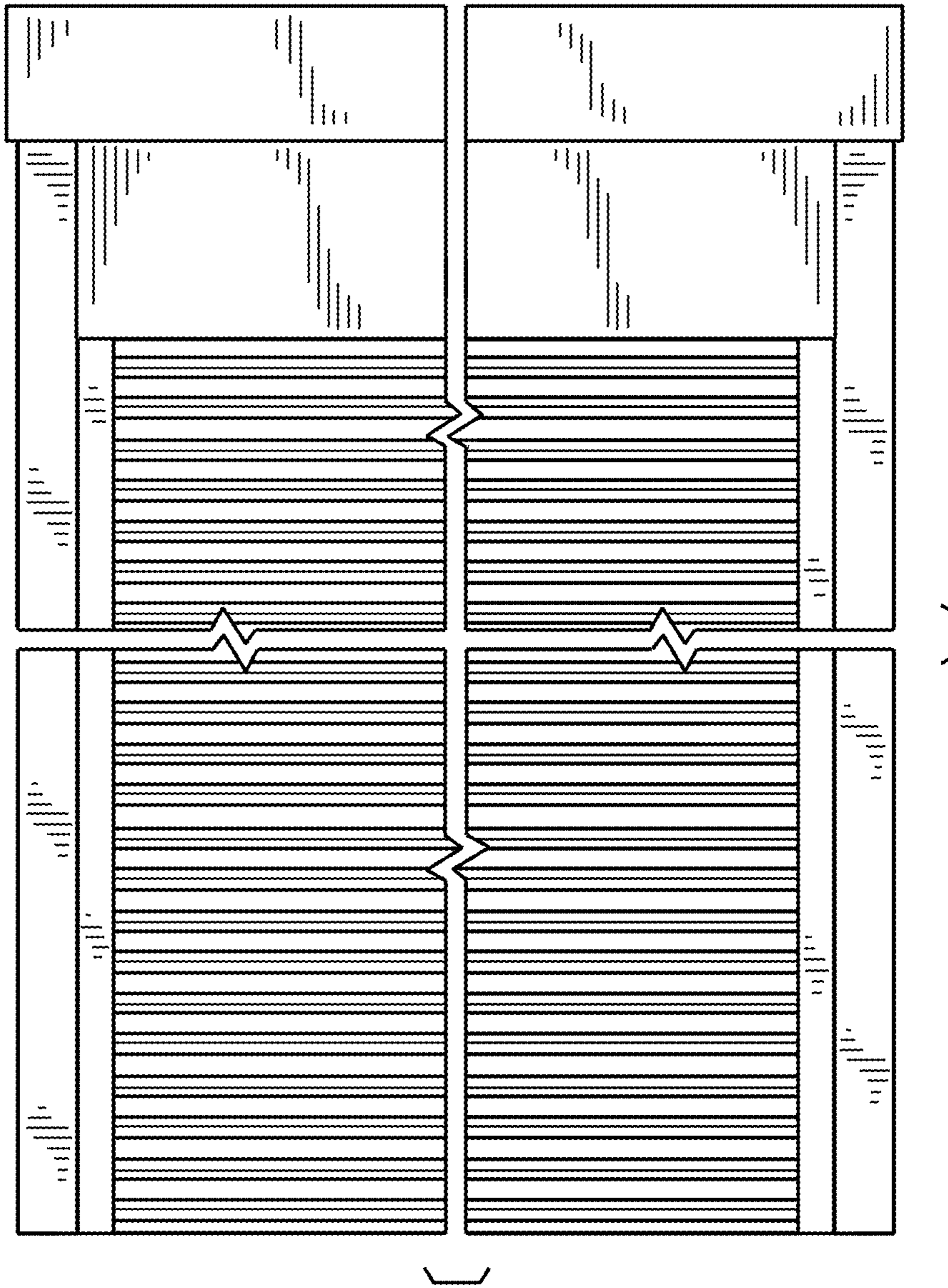


FIG. 2

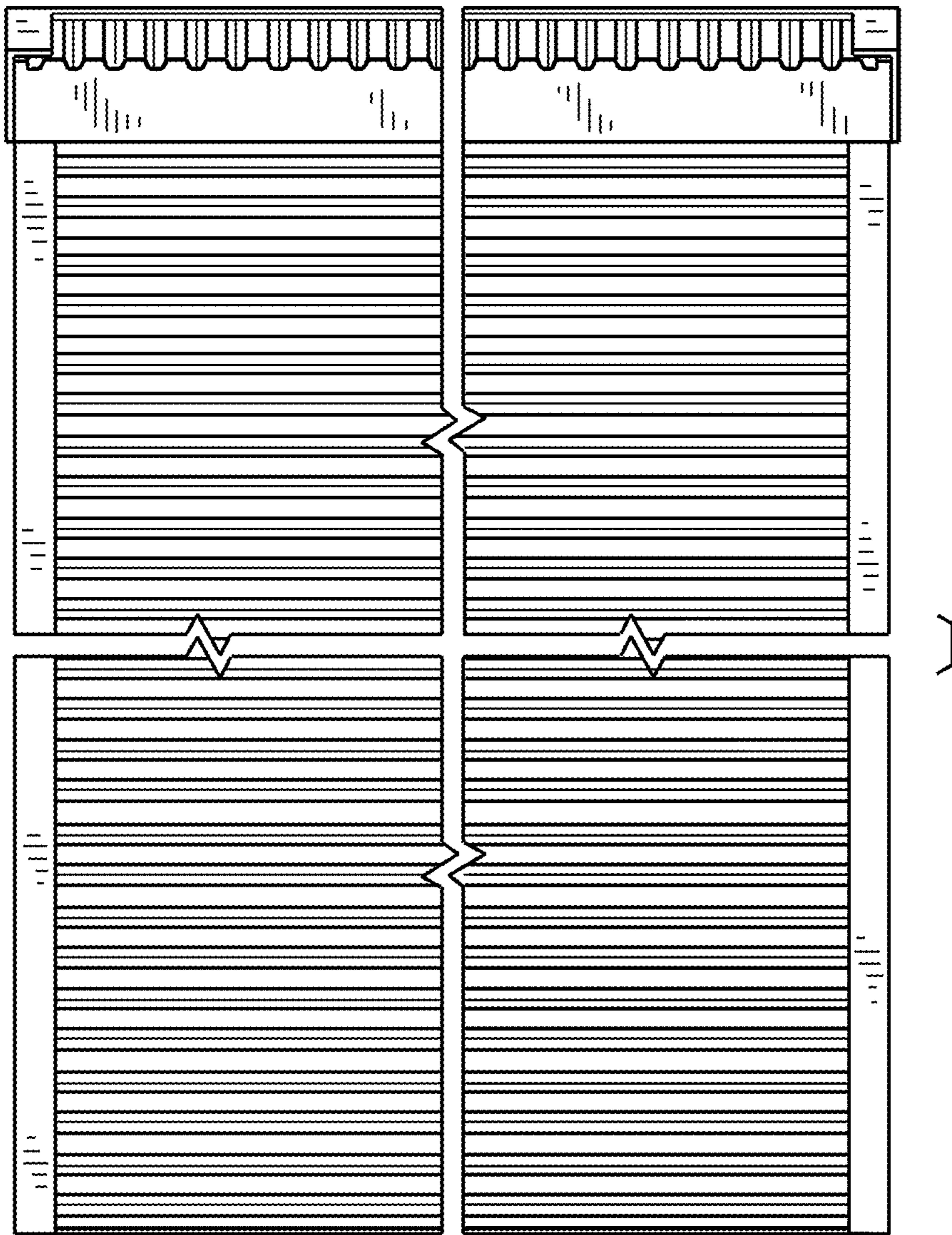


FIG. 3

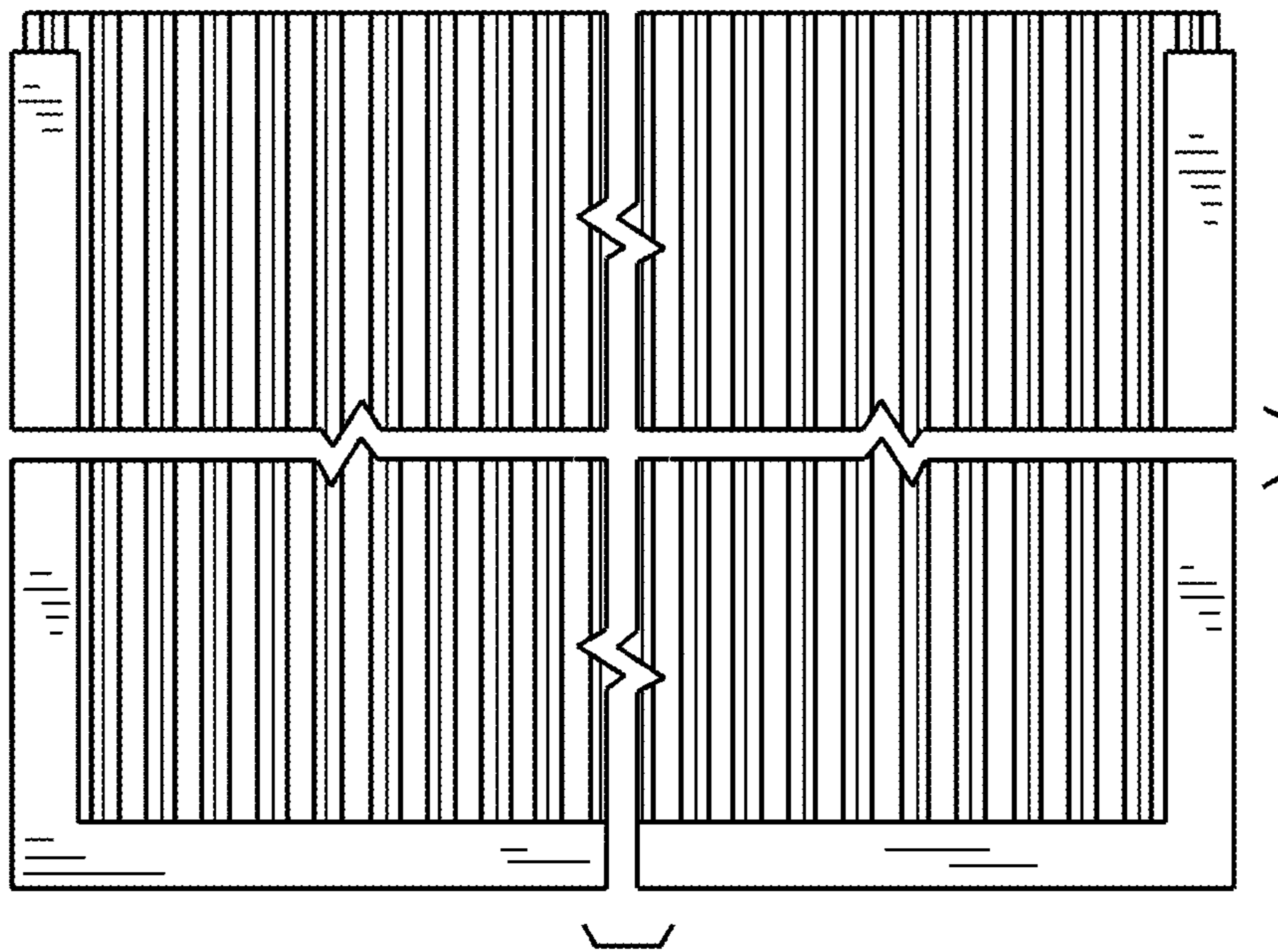


FIG. 4

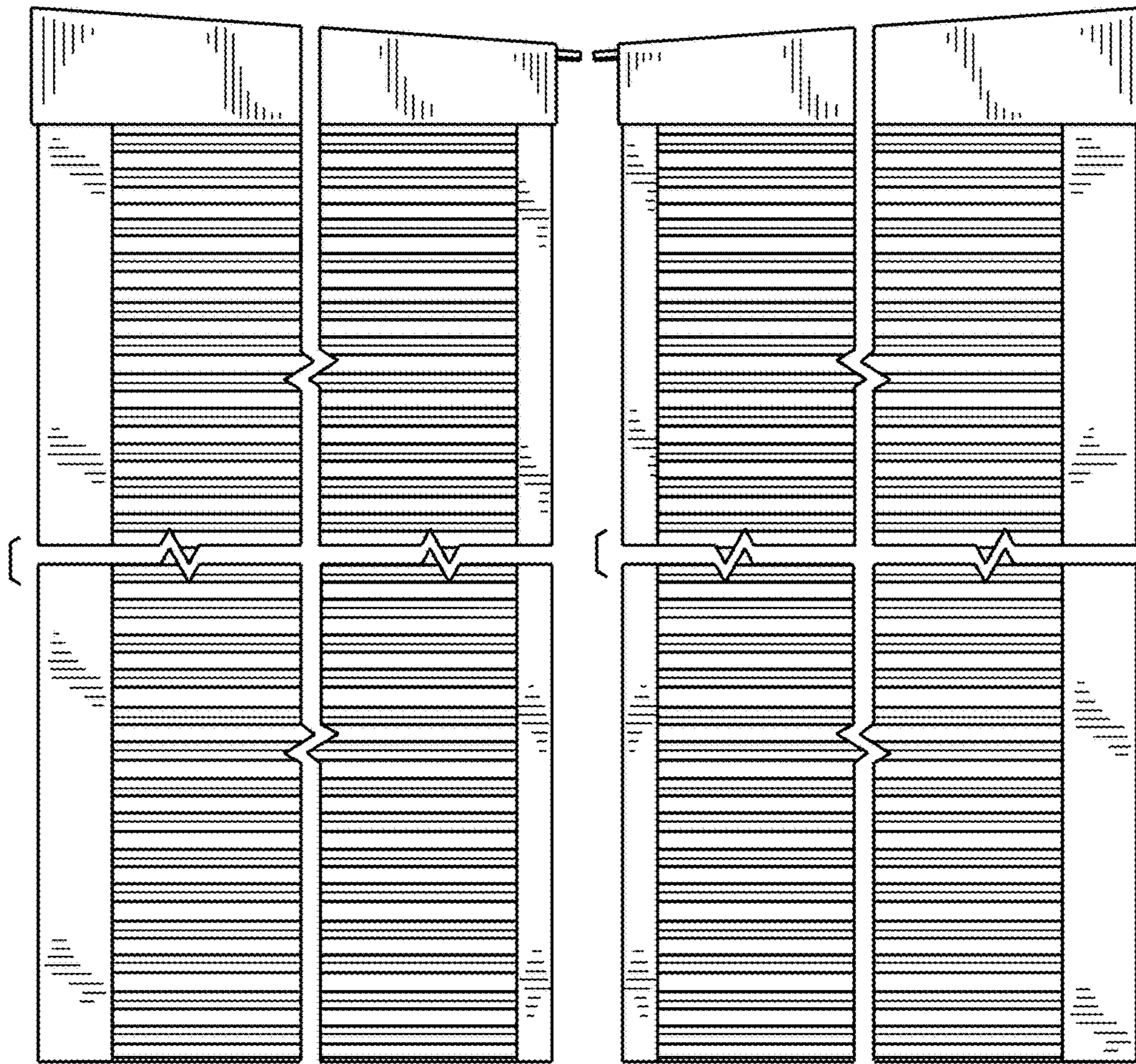


FIG. 5

FIG. 6