



US00D821312S

(12) **United States Design Patent** (10) **Patent No.:** **US D821,312 S**  
**Beer et al.** (45) **Date of Patent:** **\*\* Jun. 26, 2018**

(54) **PROTECTIVE HOUSING FOR A TRANSFORMER**

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(73) Assignee: **Siemens Aktiengesellschaft**, Munich (DE)

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

(21) Appl. No.: **29/598,863**

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(30) **Foreign Application Priority Data**

Sep. 30, 2016 (EM) ..... 001453773

(51) **LOC (11) Cl.** ..... **13-02**

(52) **U.S. Cl.**  
USPC ..... **D13/110**

(58) **Field of Classification Search**

USPC ..... D13/110, 101, 112, 114, 123, 162, 184, D13/199; D14/357; 361/600, 601, 707, 361/715, 730; 363/15, 35, 141, 157, 174, 363/175, 177

CPC ..... H02M 7/068; H01F 27/00; H01F 27/02; H01F 27/002; H01F 27/06; H02B 1/50

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D249,788 S *	10/1978	Nanjo .....	D13/116
5,168,171 A *	12/1992	Tracewell .....	H05K 7/20572 307/150
D346,359 S *	4/1994	Linden .....	D13/114
D437,586 S *	2/2001	Sonntag .....	D13/184
D534,863 S *	1/2007	Yasuda .....	D13/112
D631,839 S *	2/2011	Mockenhaupt .....	D13/110
D638,795 S *	5/2011	Bechtel .....	D13/122
D727,262 S *	4/2015	Omote .....	D13/110
2002/0000342 A1 *	1/2002	Yamada .....	E02F 9/0866 181/204

\* cited by examiner

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(57) **CLAIM**

The ornamental design for a protective housing for a transformer, as shown and described.

**DESCRIPTION**

FIG. 1 is a front elevational view of a protective housing for a transformer showing our new design; FIG. 2 is a back elevational view thereof; FIG. 3 is a top plan view thereof; FIG. 4 is a bottom plan view thereof; FIG. 5 is a side elevational view of the right side thereof; FIG. 6 is a side elevational view of the left side thereof; and, FIG. 7 is a top, front, and right side perspective view thereof. High-quality electronic copies of the drawings are available in the Office's electronic record of this application.

**1 Claim, 7 Drawing Sheets**

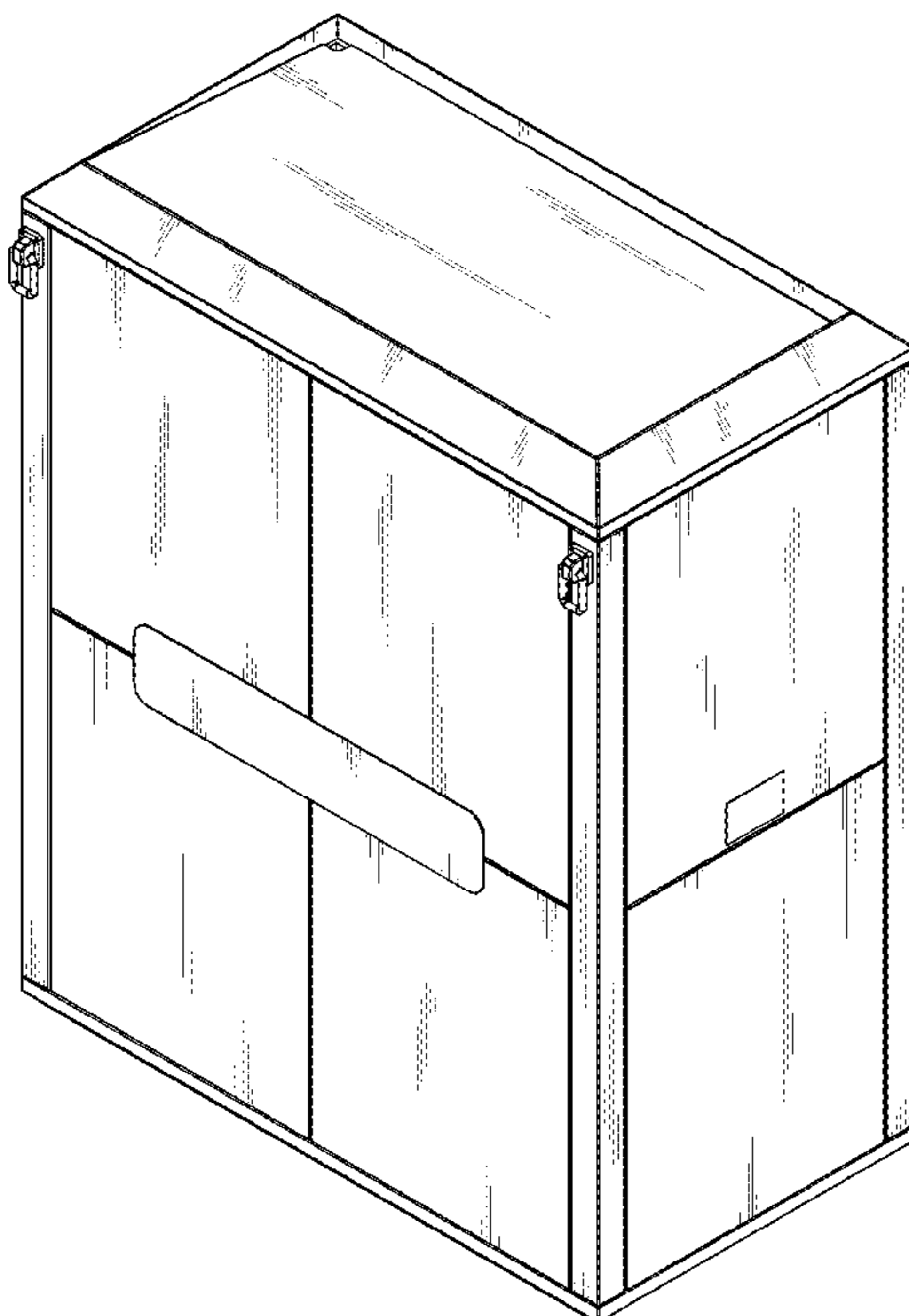


FIG. 1

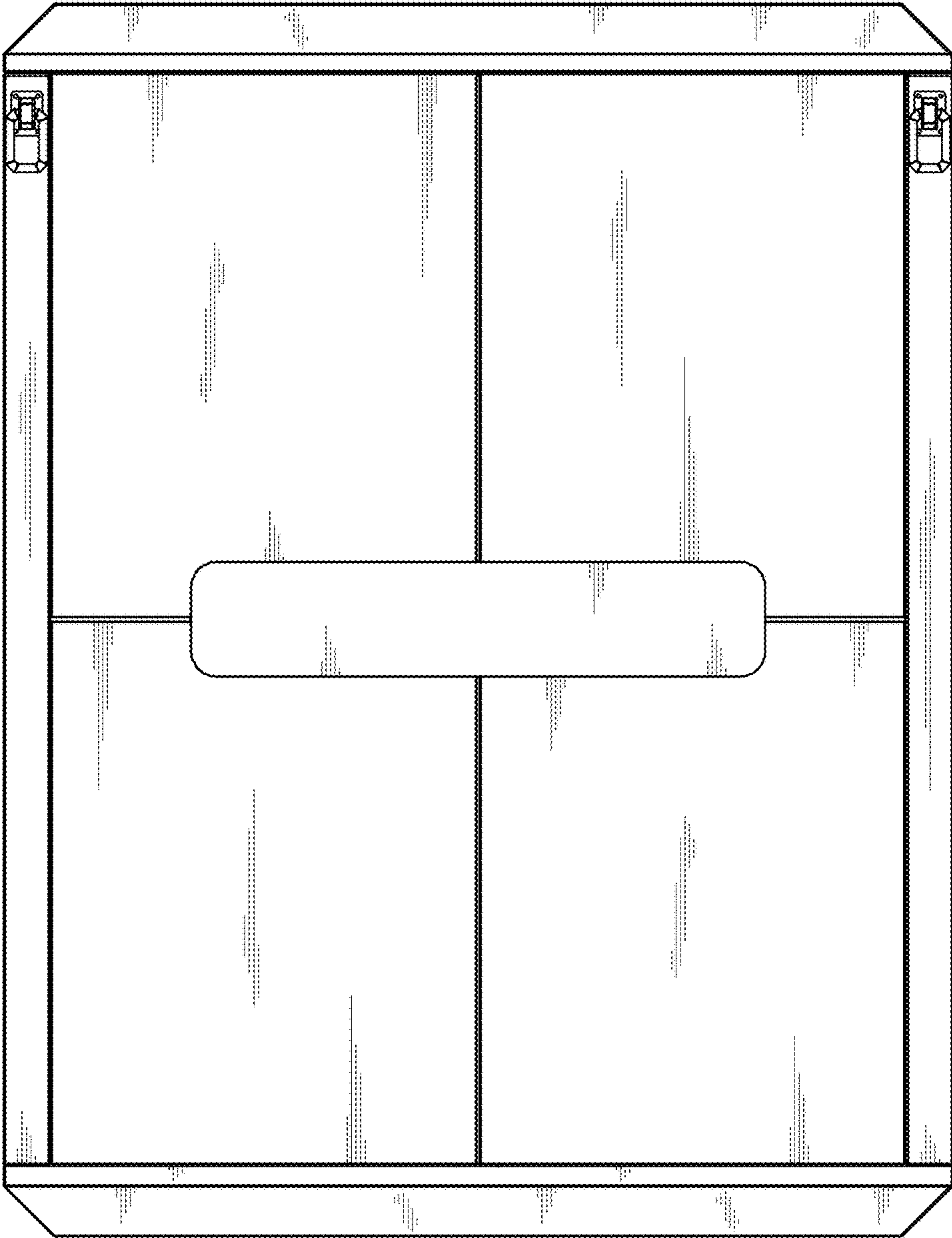


FIG. 2

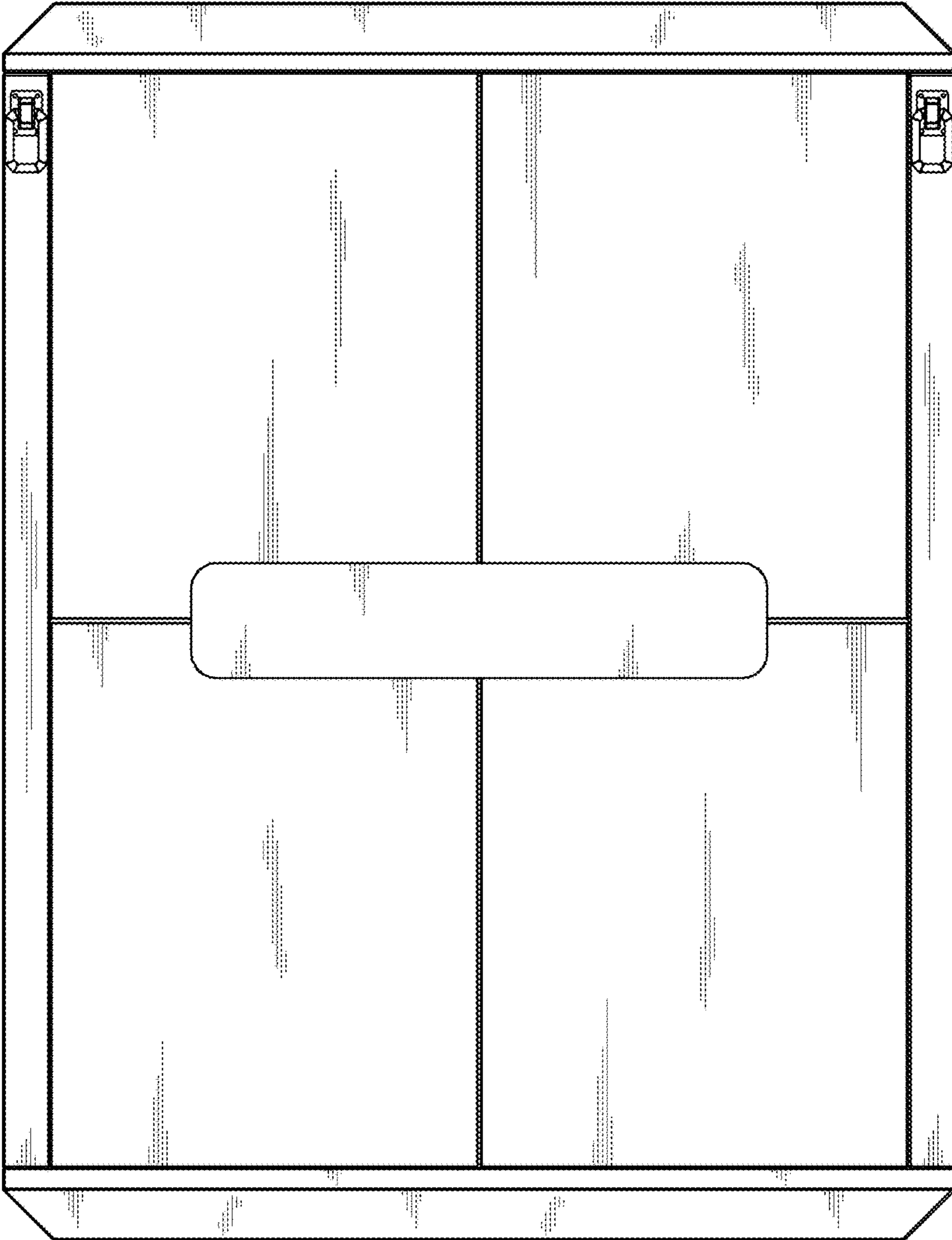


FIG. 3

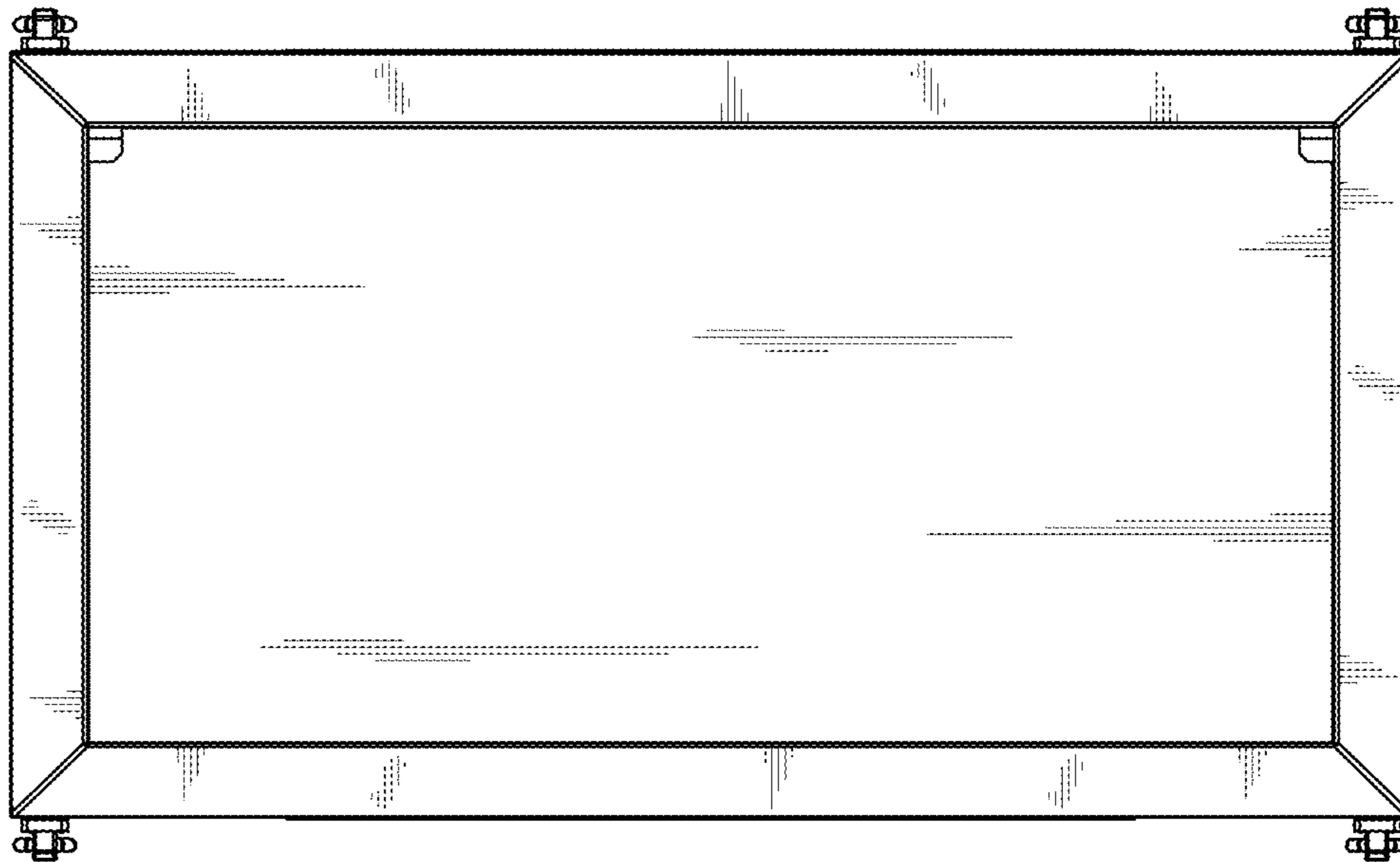


FIG. 4

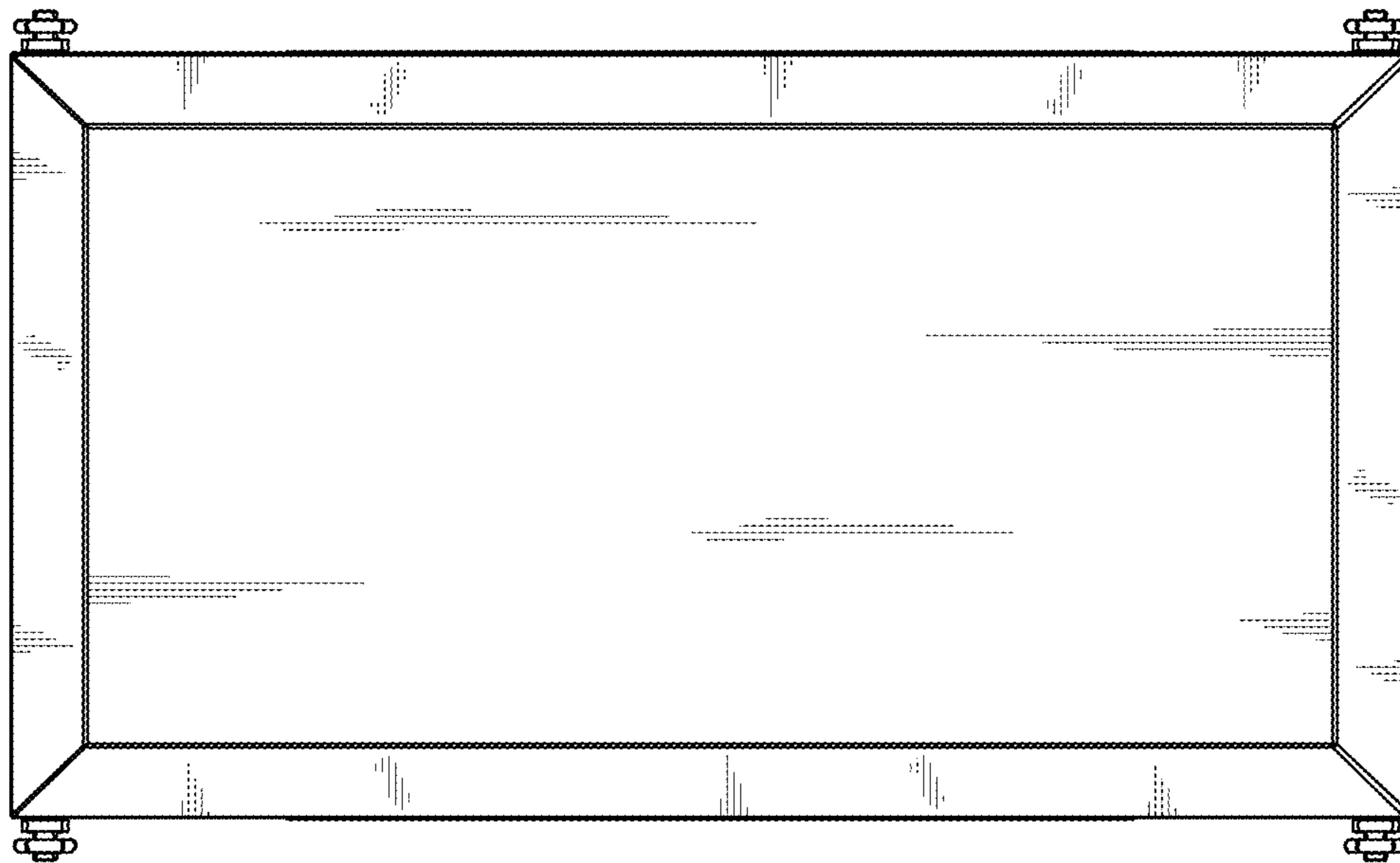


FIG. 5

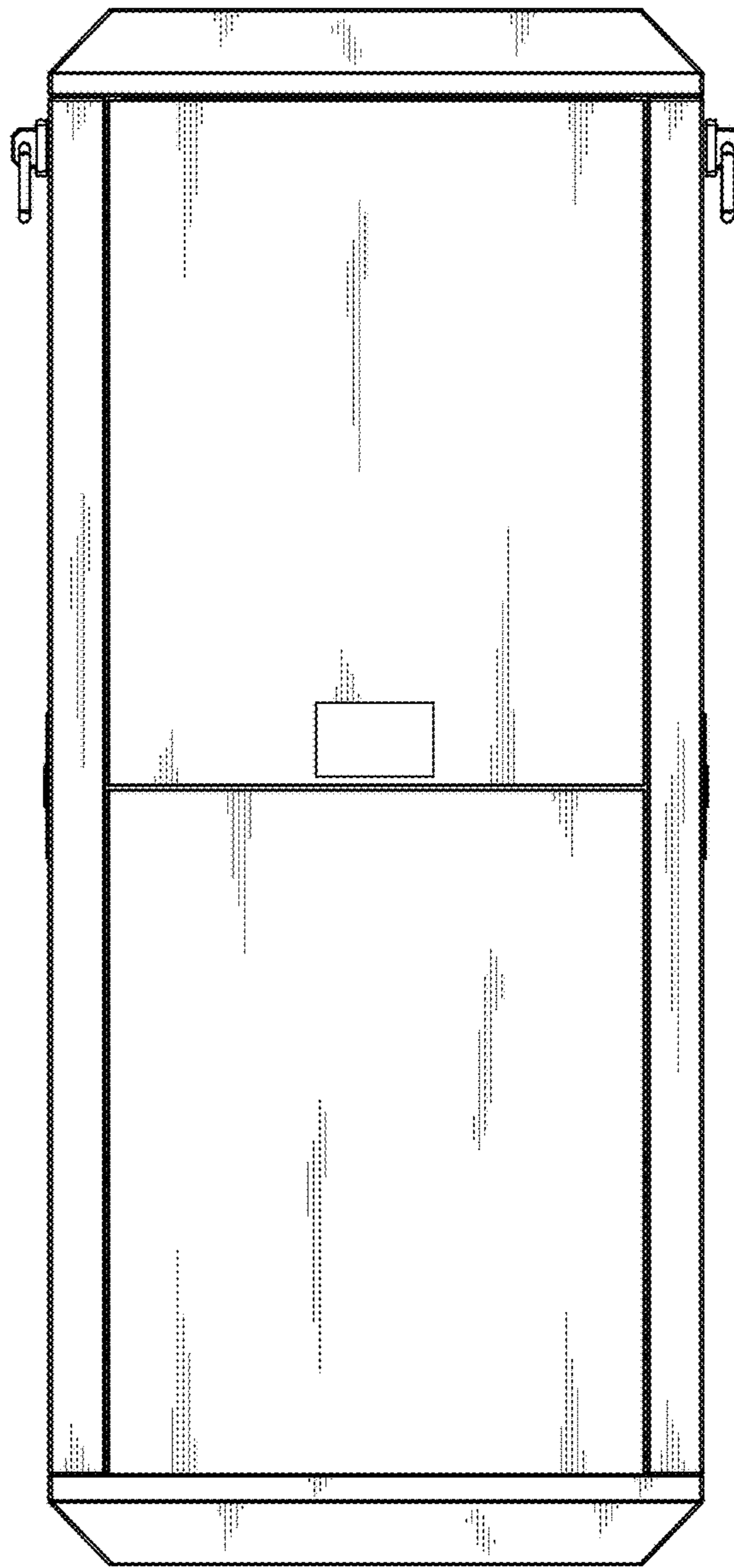


FIG. 6

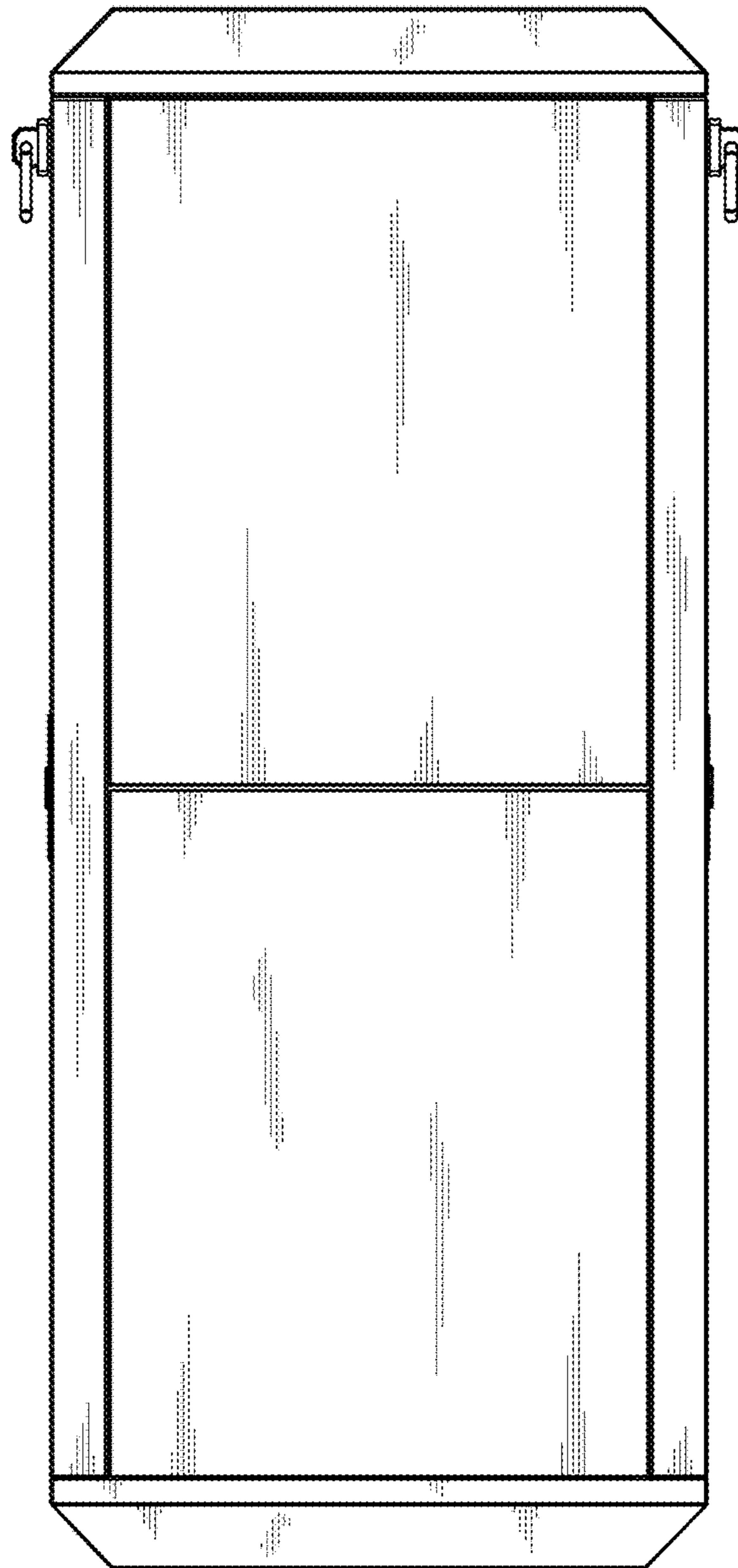


FIG. 7

