

US00D836550S

(12) **United States Design Patent** (10) **Patent No.:** **US D836,550 S**
Beer et al. (45) **Date of Patent:** **** Dec. 25, 2018**

(54) **PROTECTIVE HOUSING FOR A TRANSFORMER**
(71) Applicant: **Siemens Aktiengesellschaft**, Munich (DE)
(72) Inventors: **Andreas Beer**, Grasbrunn (DE); **Florian Lohse**, Munich (DE); **Philip Zeitler**, Munich (DE)
(73) Assignee: **Siemens Aktiengesellschaft**, Munich (DE)
(**) Term: **15 Years**

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(30) **Foreign Application Priority Data**

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(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

Primary Examiner — Derrick E Holland
(74) *Attorney, Agent, or Firm* — Schiff Hardin LLP

(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. The broken lines shown are for the purpose of illustrating environmental structure and form no part of the claimed design.

1 Claim, 7 Drawing Sheets

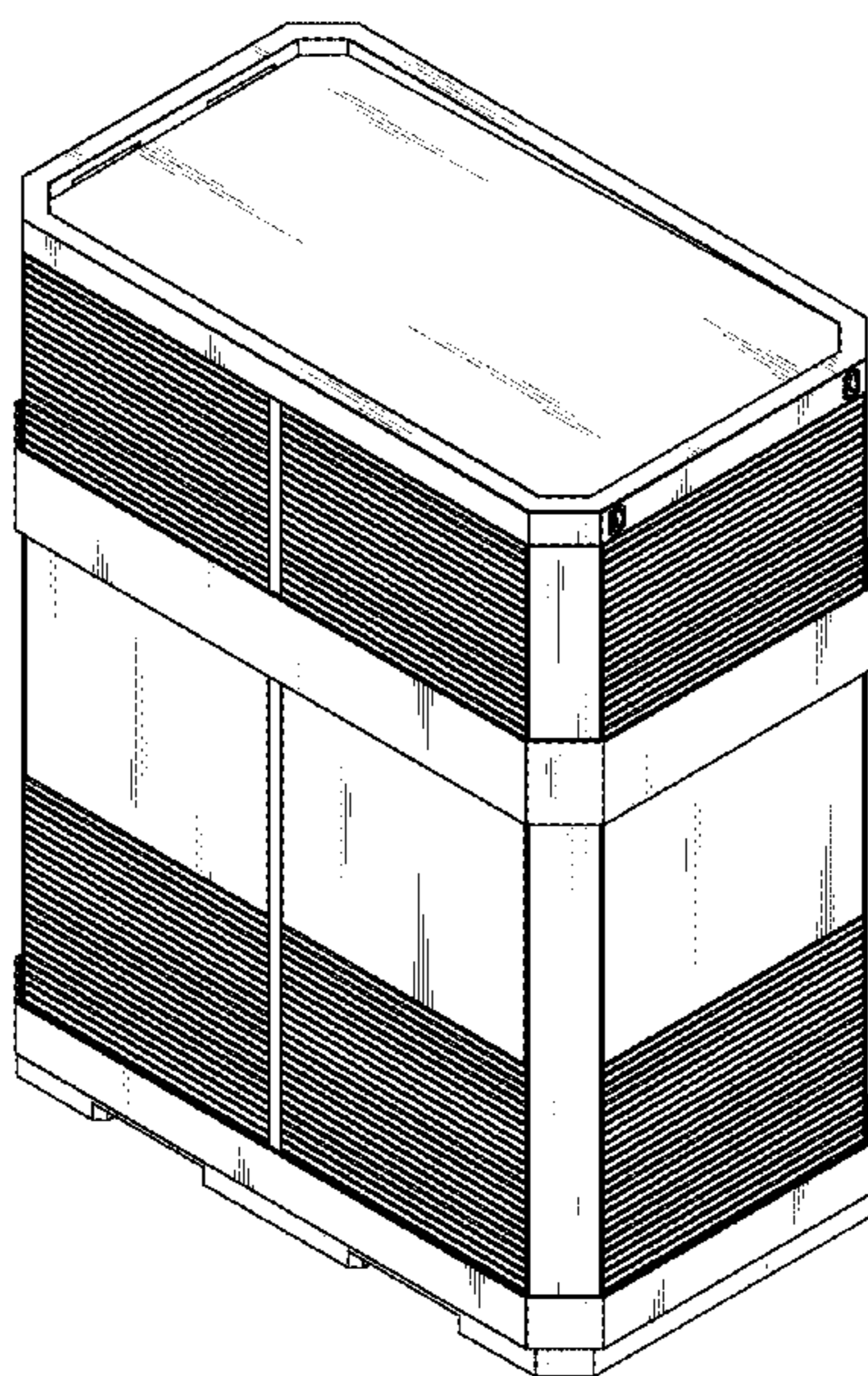


FIG 1

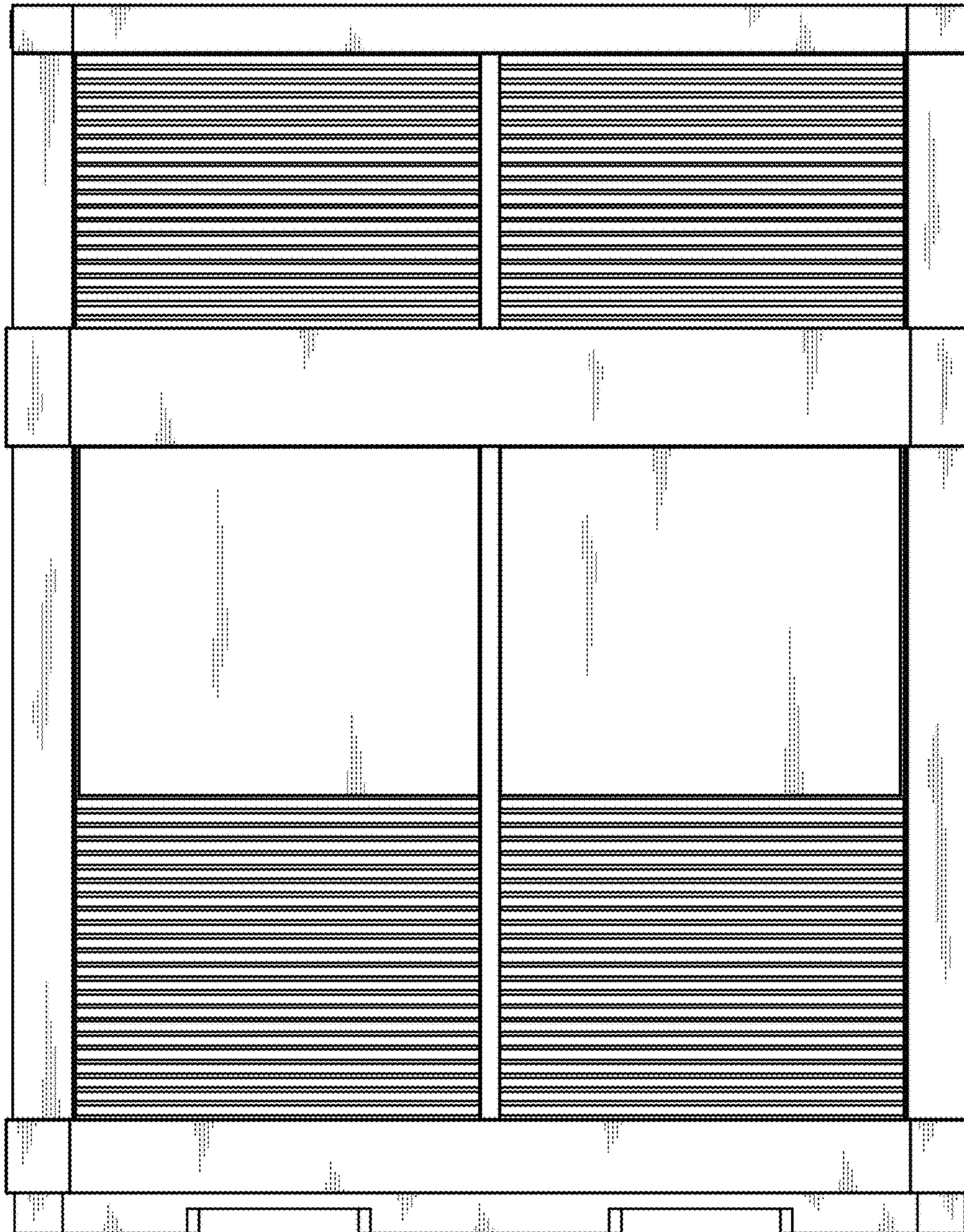


FIG 2

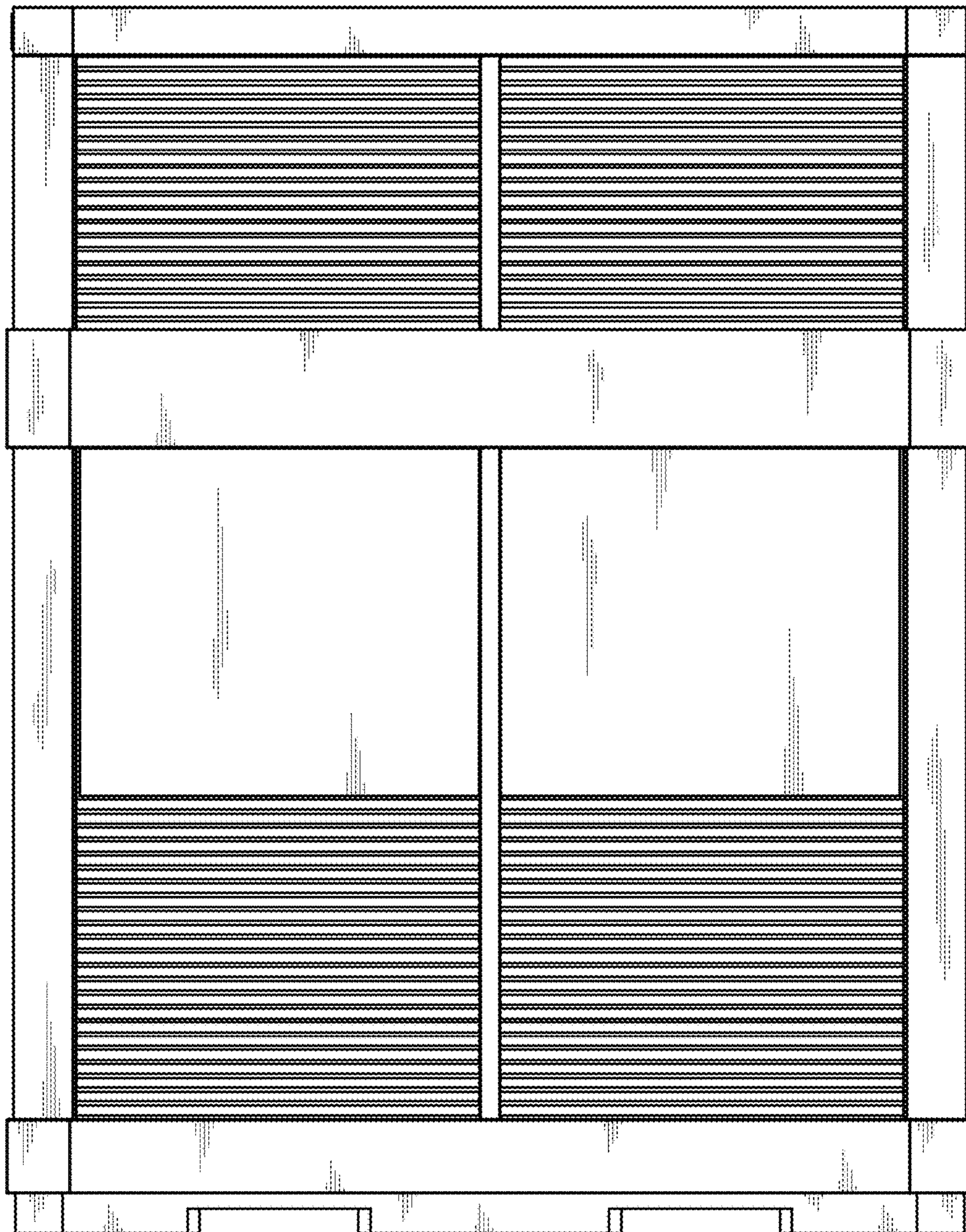


FIG 3

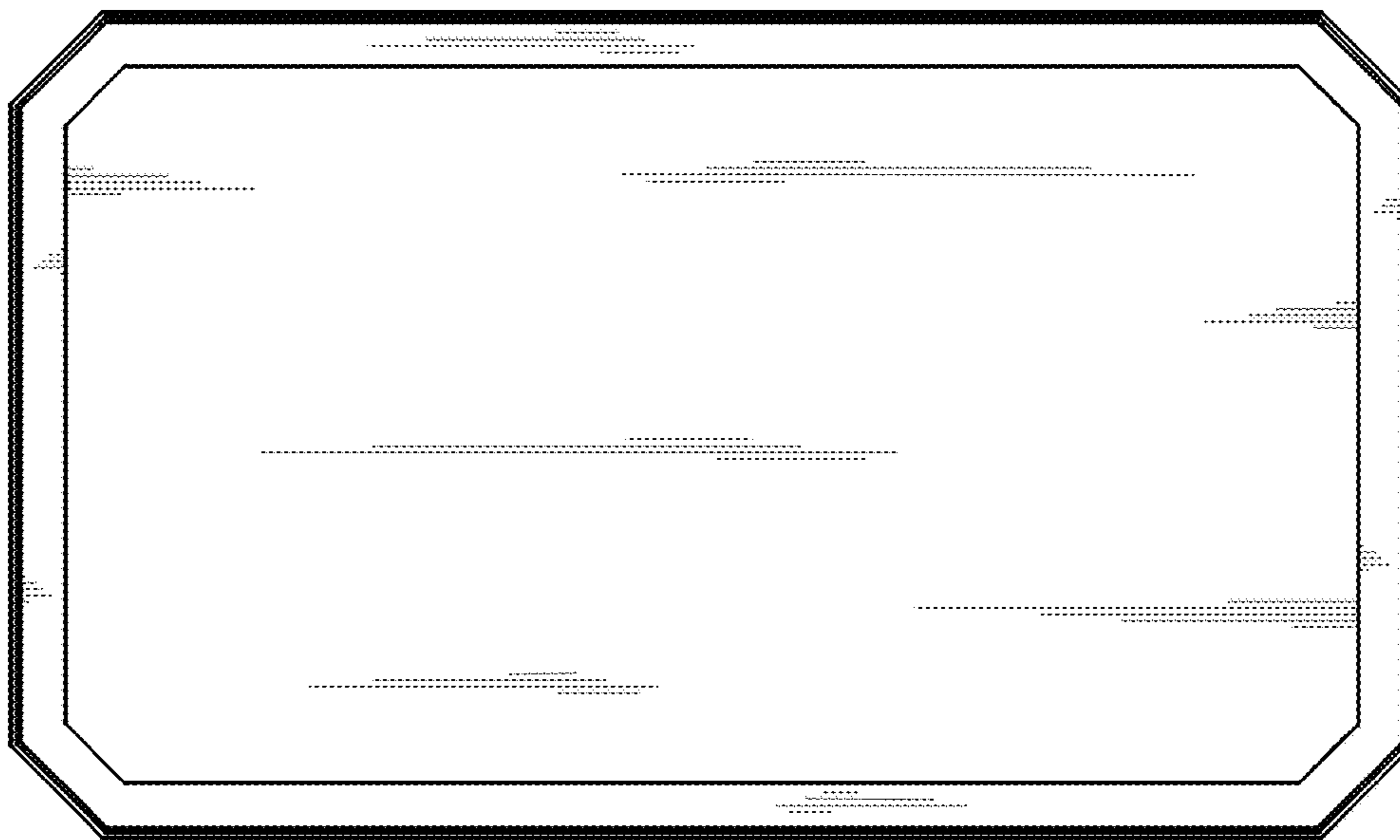


FIG 4

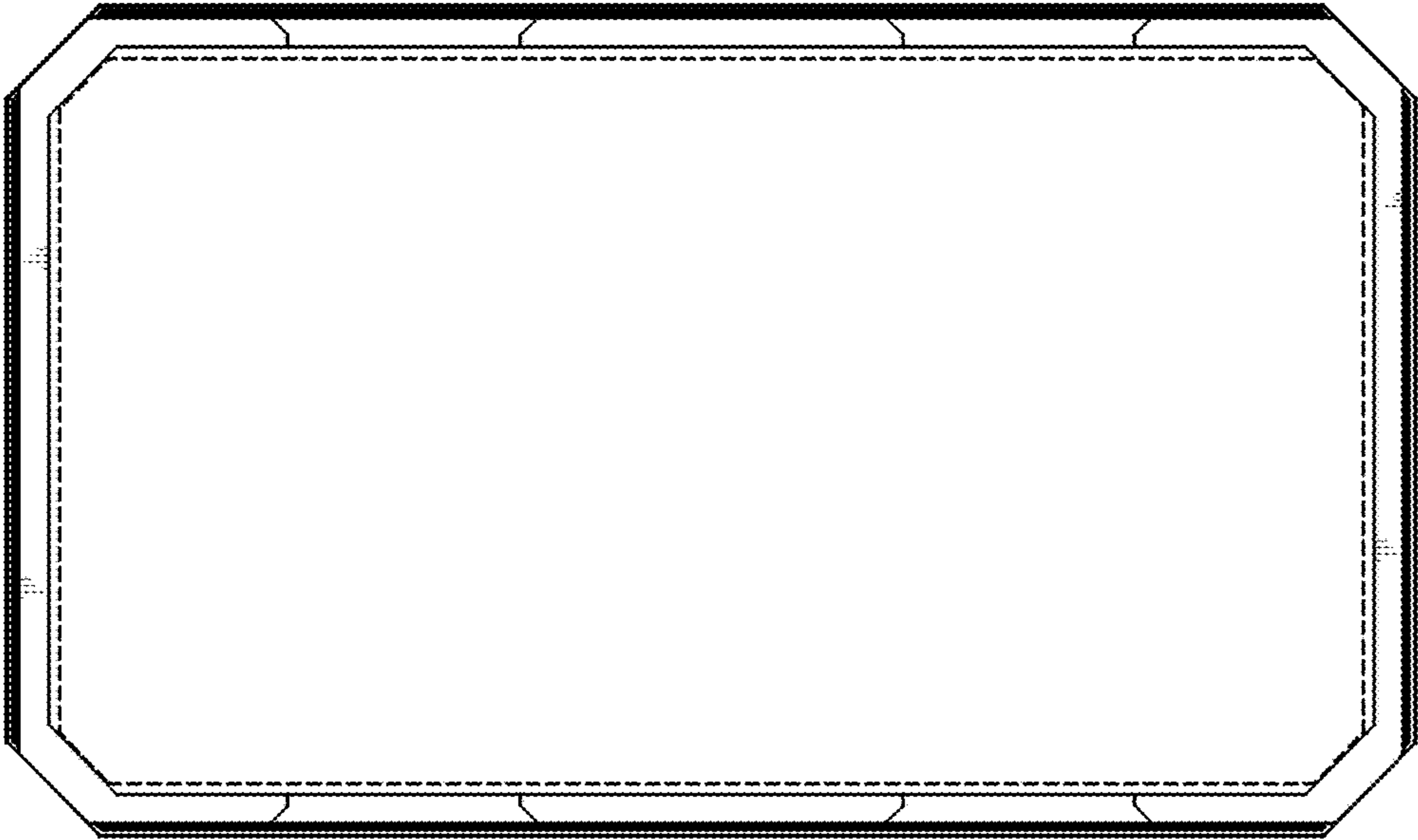


FIG 5

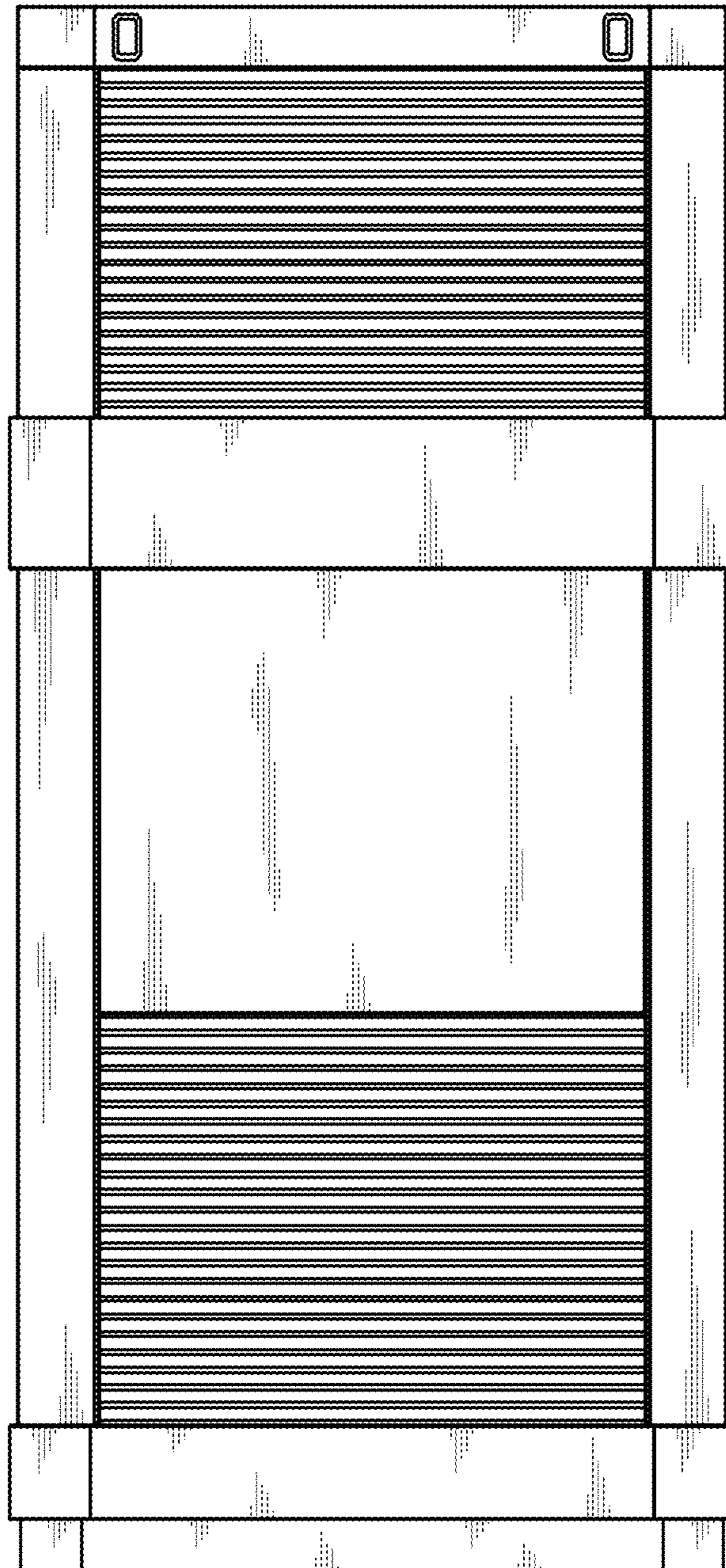


FIG 6

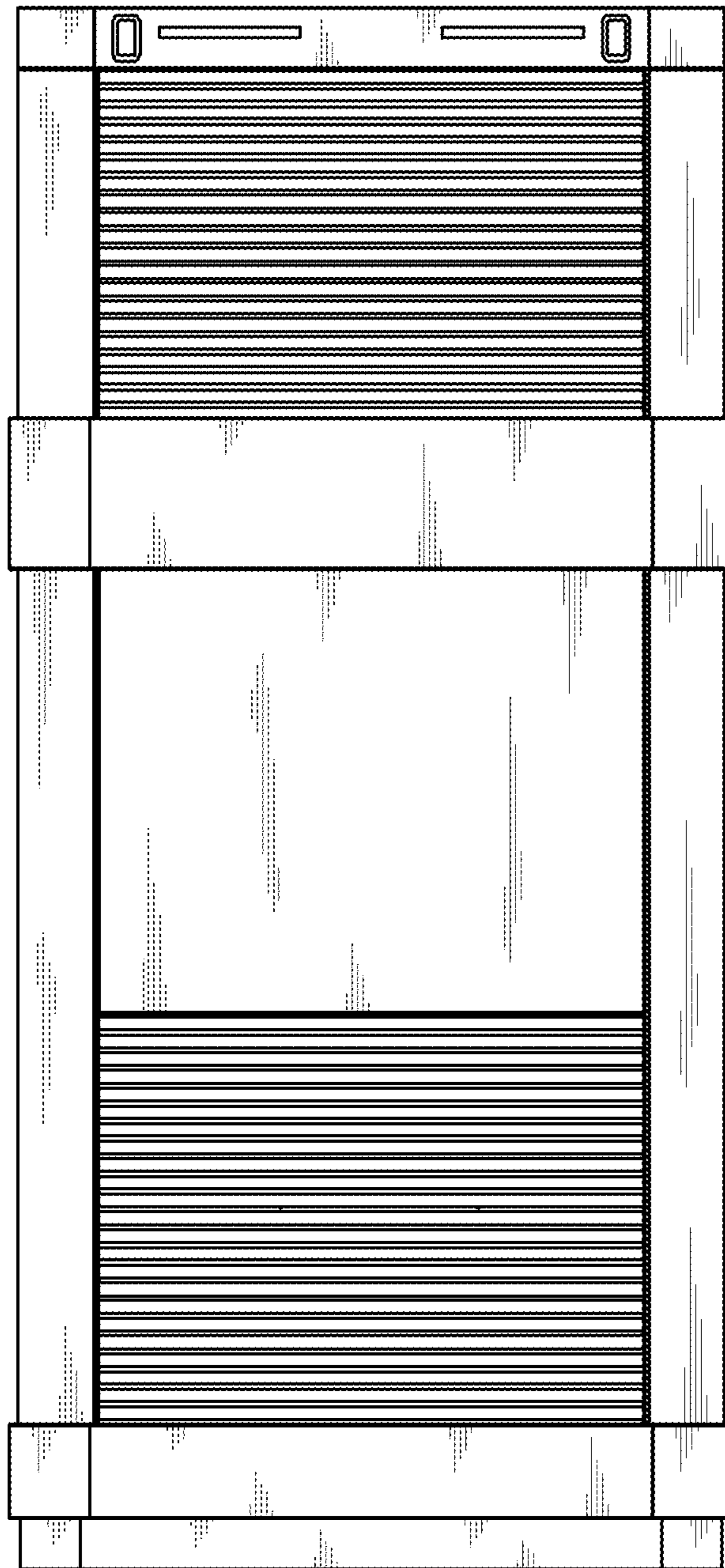


FIG 7

