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(12) **United States Design Patent** (10) **Patent No.:** **US D770,032 S**  
**Stevens** (45) **Date of Patent:** **\*\* Oct. 25, 2016**

(54) **HVAC RADIUS RETURN AIR BOX WITH AN ANGLED THROAT**

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

(21) Appl. No.: **29/512,543**

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**Related U.S. Application Data**

(63) Continuation-in-part of application No. 29/497,582, filed on Jul. 25, 2014, now Pat. No. Des. 755,366, and a continuation-in-part of application No. 29/497,576, filed on Jul. 25, 2014, now Pat. No. Des. 755,365.

(51) **LOC (10) Cl.** ..... **23-04**

(52) **U.S. Cl.**  
USPC ..... **D23/393**

(58) **Field of Classification Search**  
USPC ..... D23/385-395, 397, 370-373, 365, 354, D23/399-403, 421, 499; 285/229, 189, 183, 285/123.1, 15, 114, 110, 424, 197; 454/309, 275-277, 284, 287-291, 454/358-363; 52/302.1, 32.07  
CPC ..... F26B 3/04; F26B 21/004; E04B 5/48; F24D 5/02  
See application file for complete search history.

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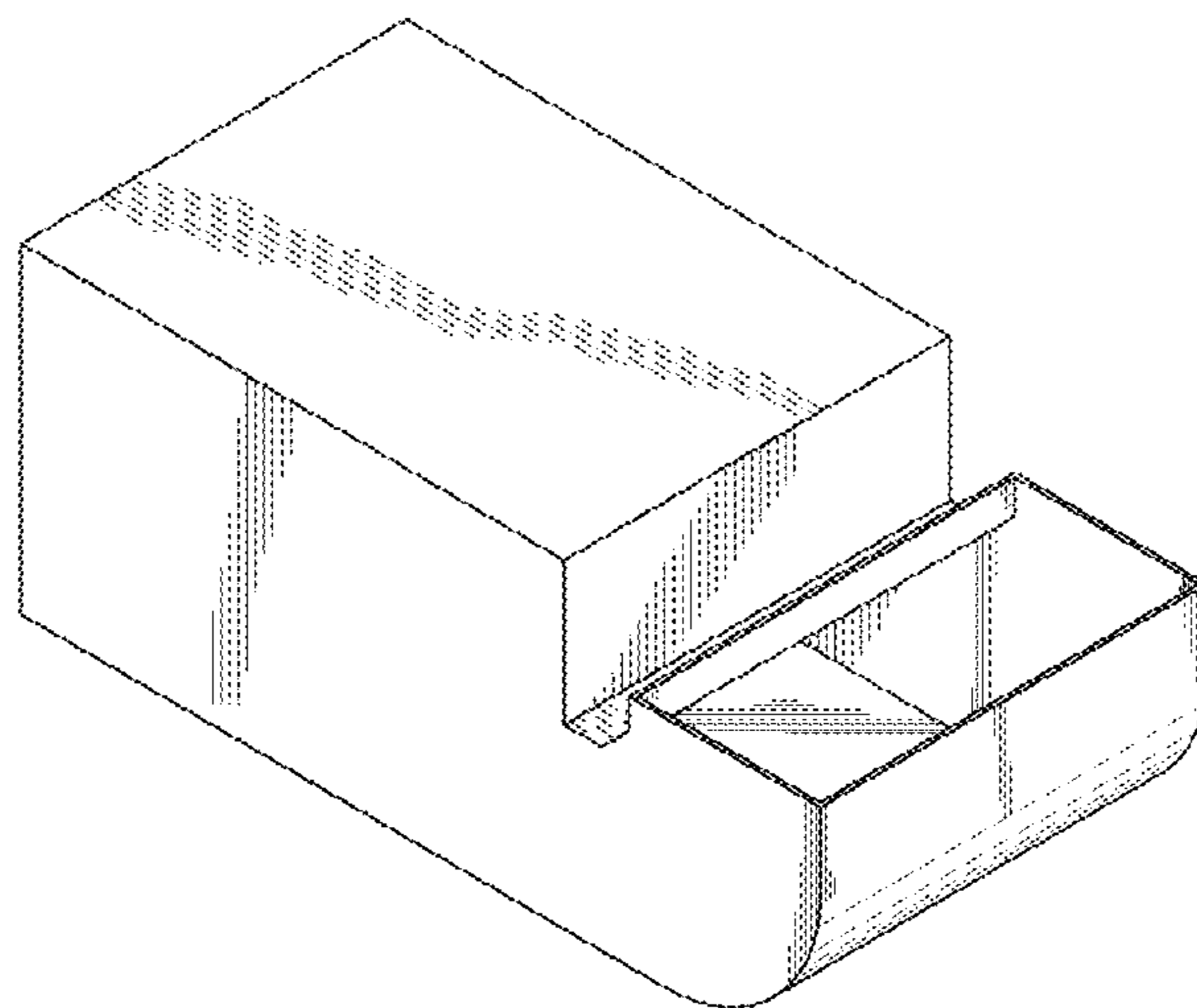
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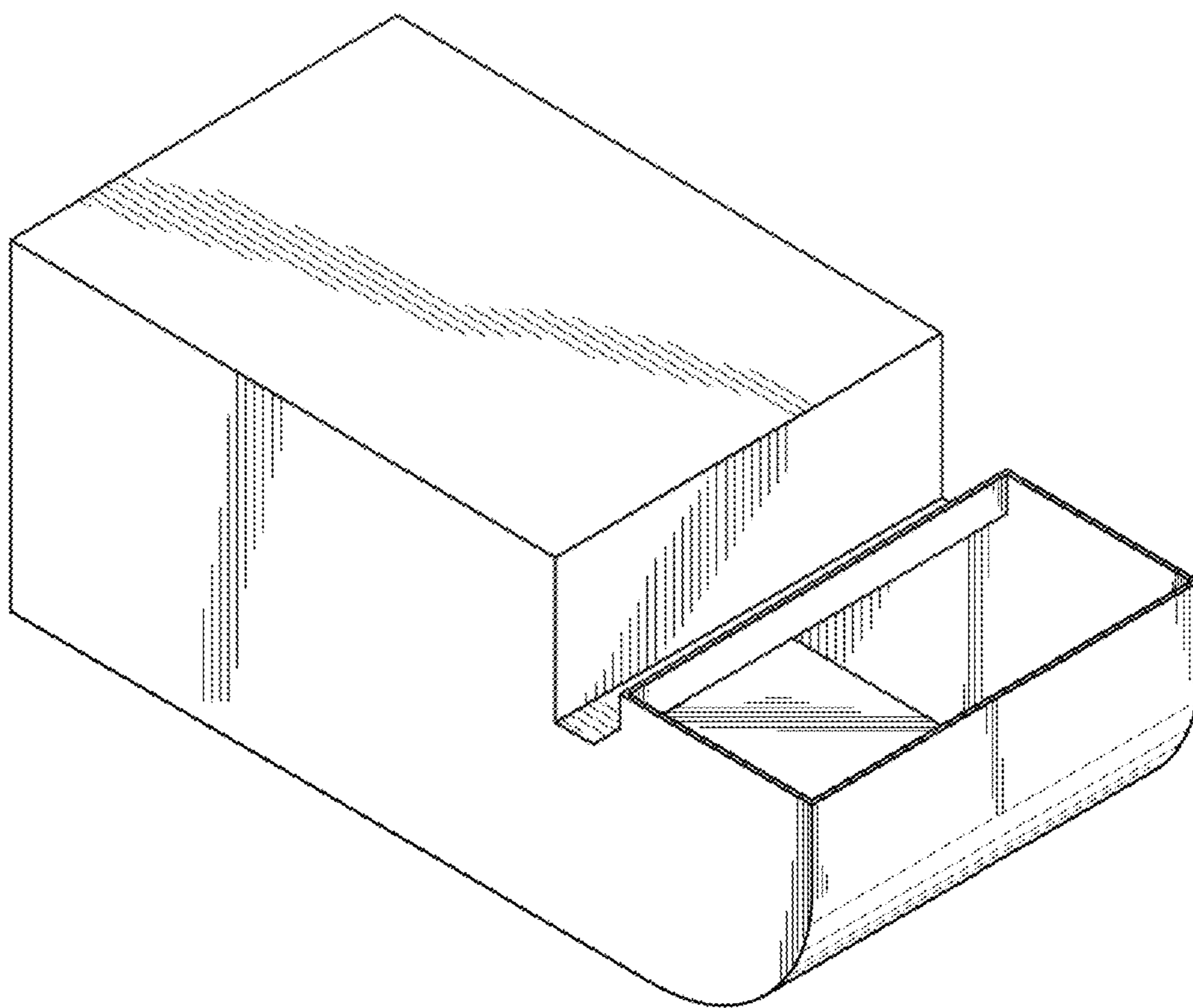
(57) **CLAIM**  
The ornamental design for an HVAC radius return air box with an angled throat, as shown and described.

**DESCRIPTION**

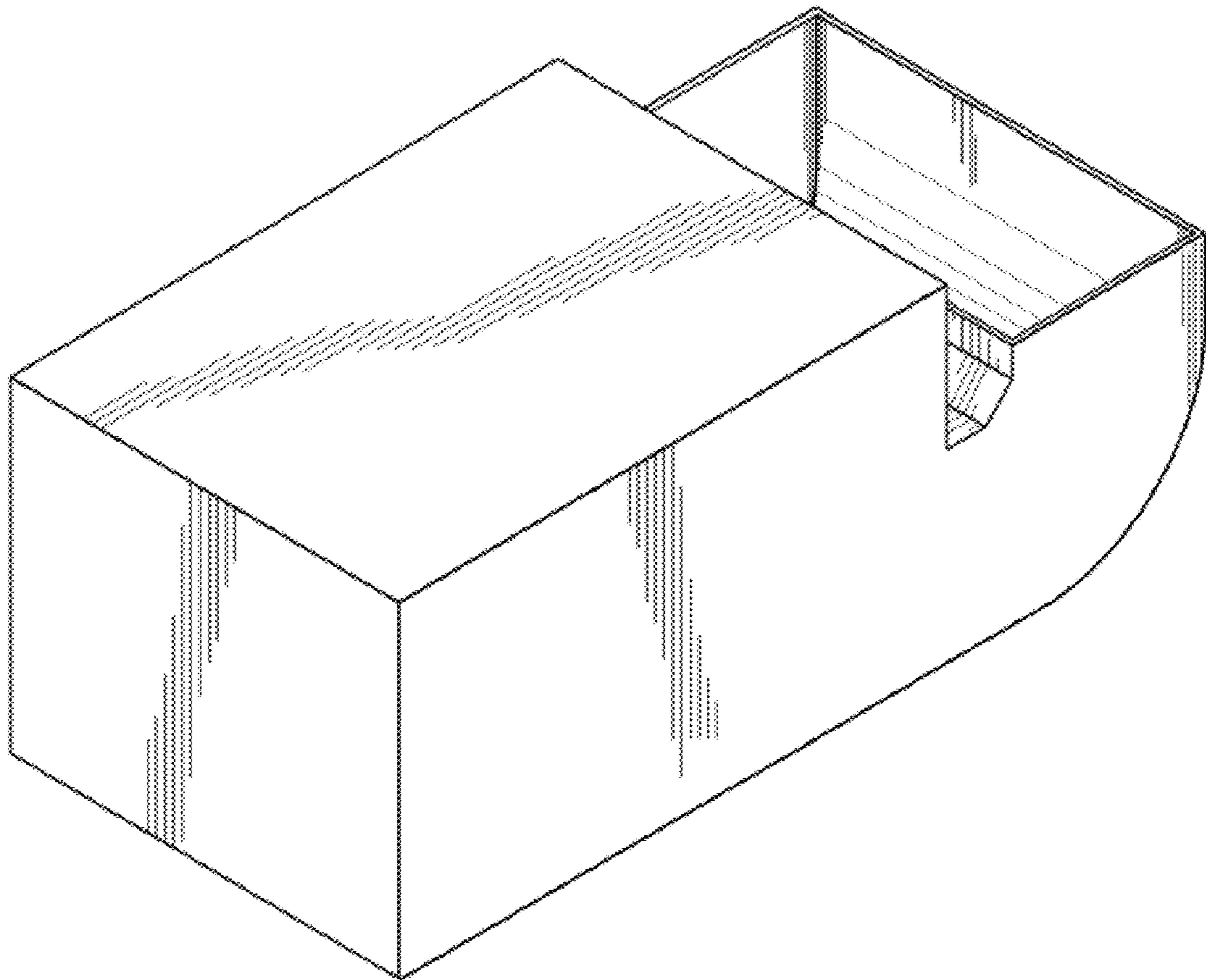
FIG. 1 depicts an isometric view of an HVAC radius return air box with an angled throat showing my new design.  
FIG. 2 depicts an alternative isometric view thereof  
FIG. 3 depicts a side elevation view thereof.  
FIG. 4 depicts a side elevation view thereof.  
FIG. 5 depicts a side elevation view thereof.  
FIG. 6 depicts a top plan view thereof; and,  
FIG. 7 depicts a bottom plan view thereof.

**1 Claim, 7 Drawing Sheets**

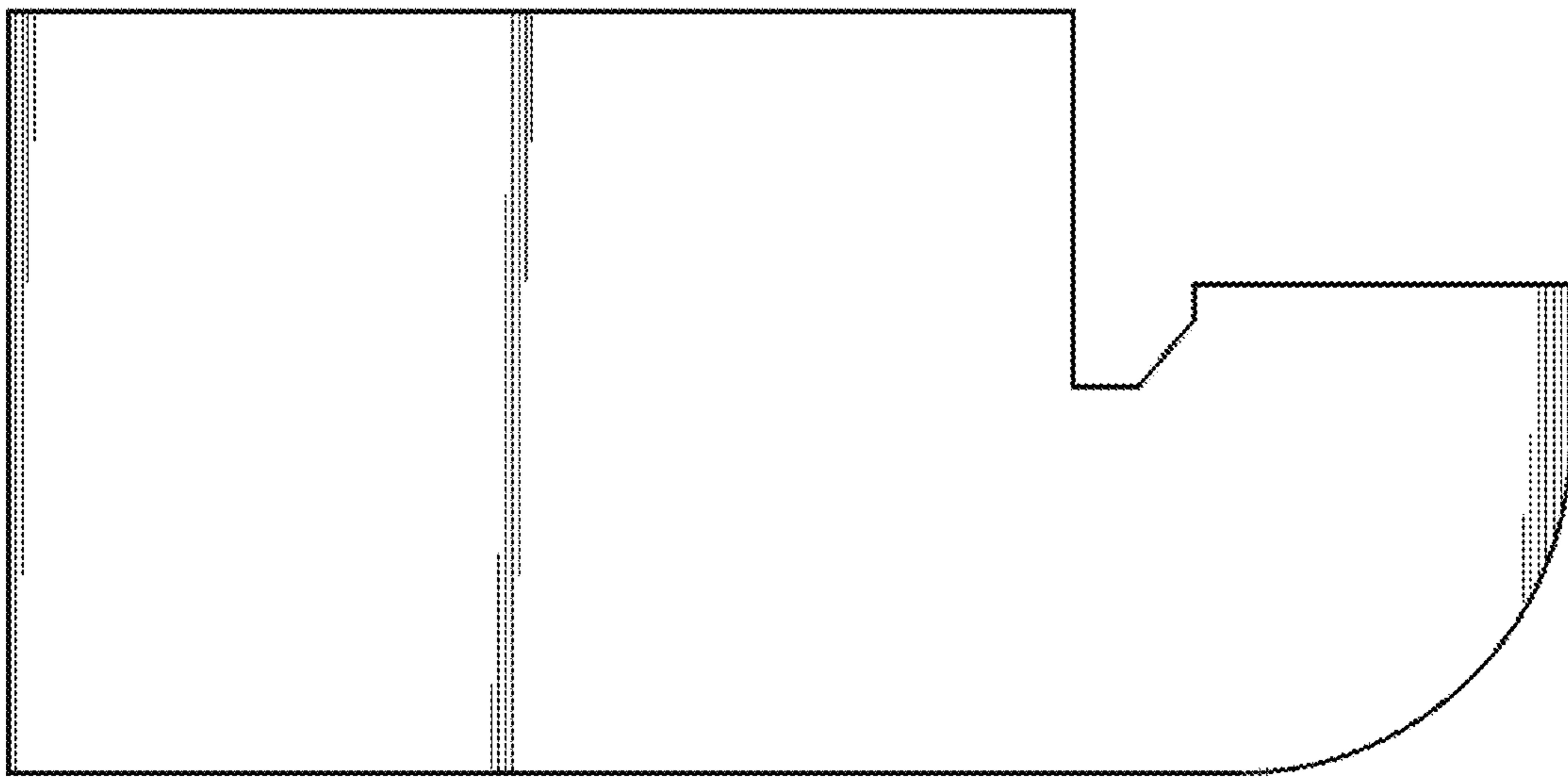




**FIG. 1**



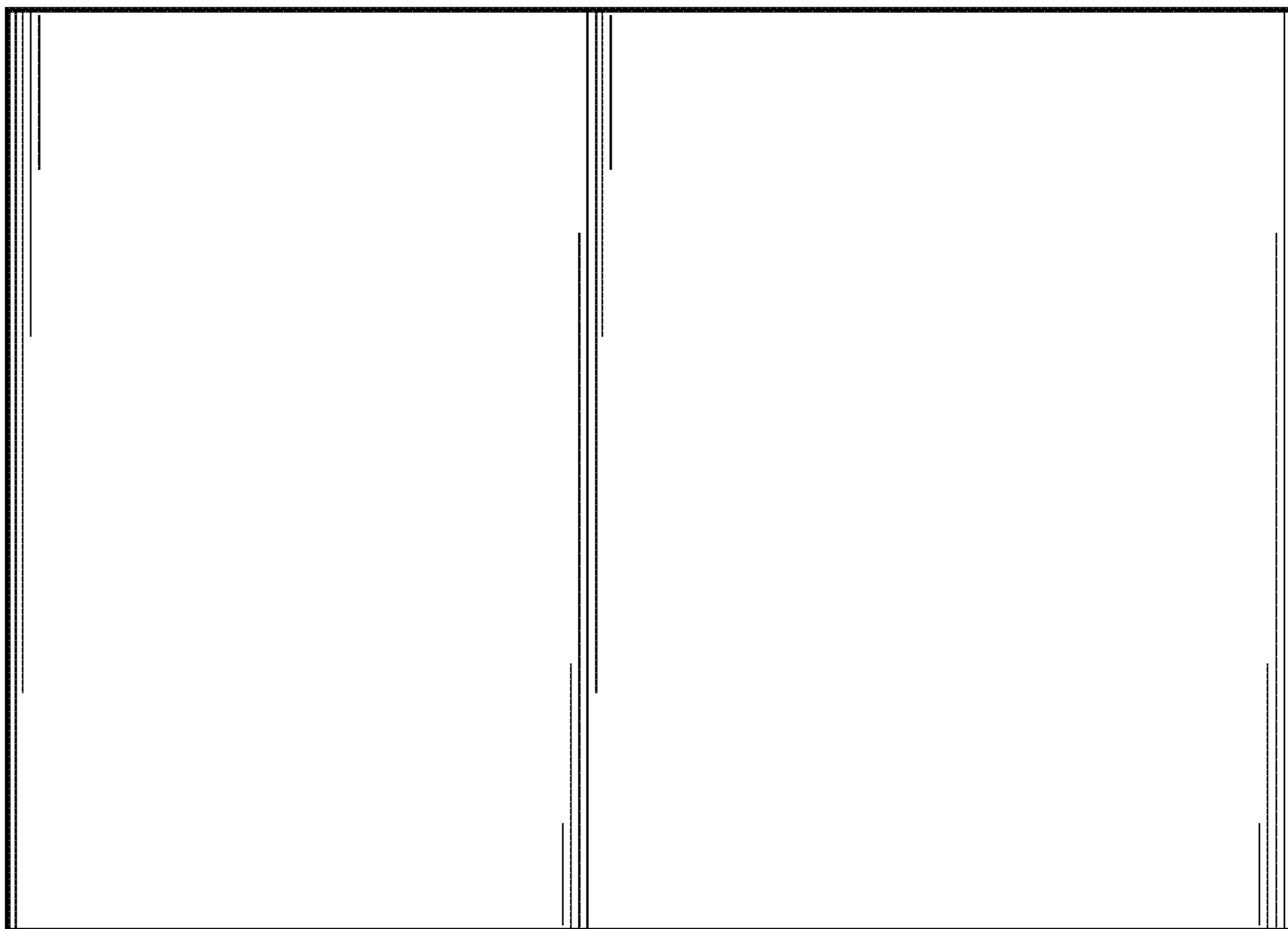
**FIG. 2**



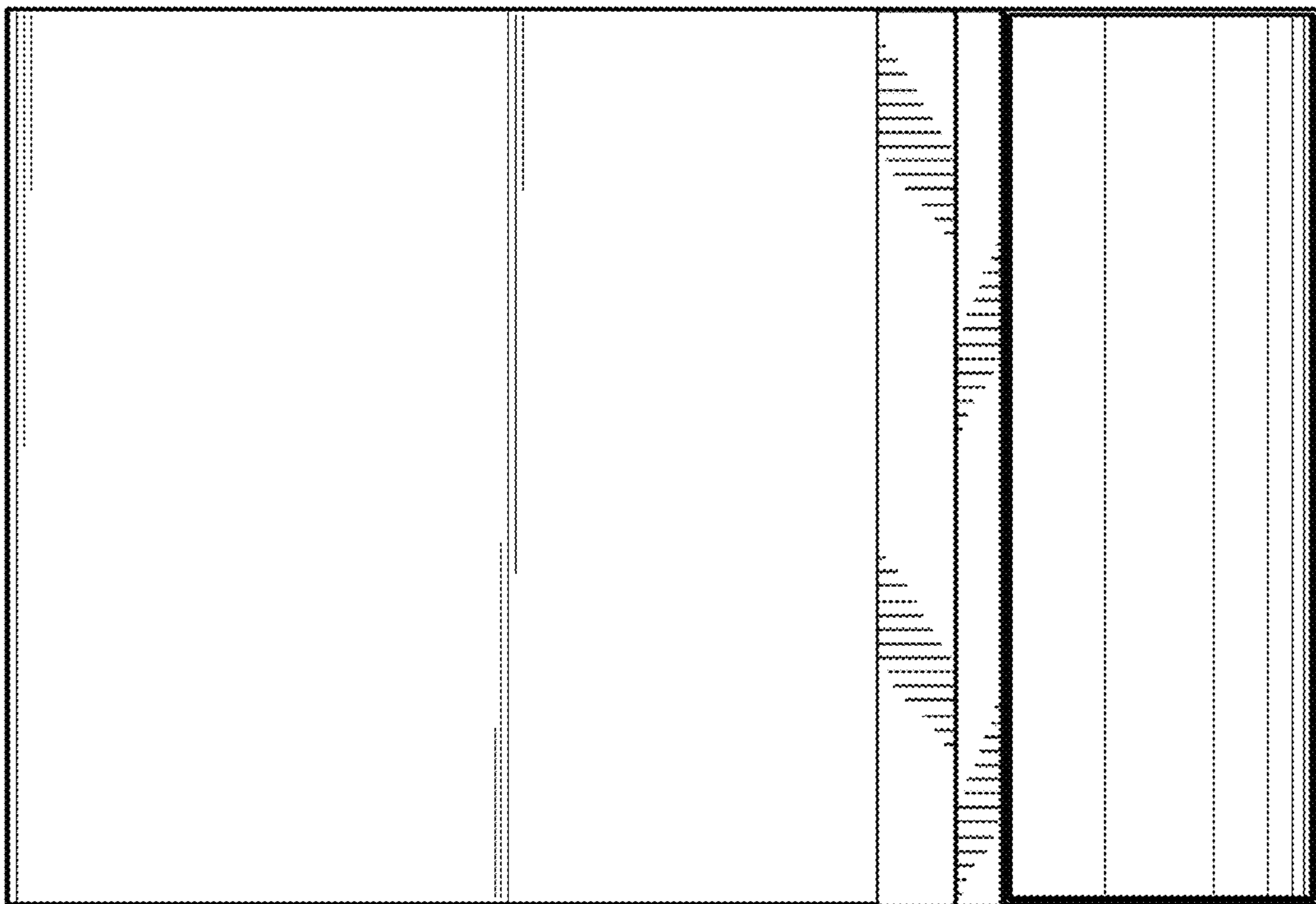
**FIG. 3**



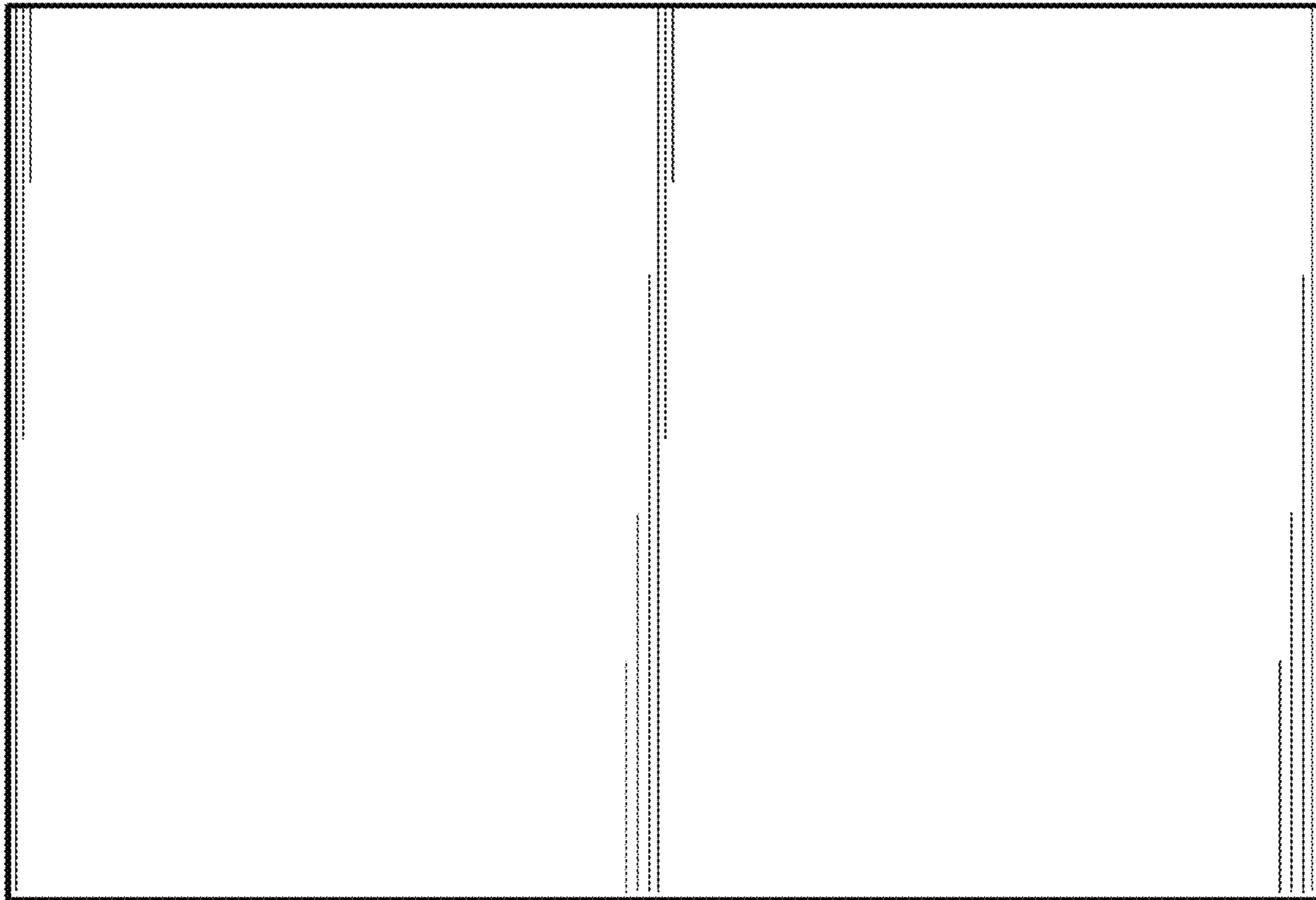
**FIG. 4**



**FIG. 5**



**FIG. 6**



**FIG. 7**