



US00D985109S

(12) **United States Design Patent** (10) **Patent No.:** **US D985,109 S**
Eide et al. (45) **Date of Patent:** **** May 2, 2023**

(54) **AIR PURIFICATION AND STERILIZATION UNIT**

(71) Applicant: **AERUS MEDICAL, LLC**, Dallas, TX (US)

(72) Inventors: **Andrew Eide**, Rockwall, TX (US); **Christopher Carroll Kyte**, Elizabethton, TN (US); **Joe Urso**, Dallas, TX (US); **Deborah Jessup**, Pittsburgh, PA (US)

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

(21) Appl. No.: **29/721,801**

(22) Filed: **Jan. 23, 2020**

(51) **LOC (14) Cl.** **23-04**

(52) **U.S. Cl.**
USPC **D23/364**

(58) **Field of Classification Search**
USPC D15/122, 135, 199; D23/200, 213, D23/355-365, 325-326, 332, 351, 342, D23/354
CPC .. A61L 9/16; A61L 9/22; B01D 47/00; B01D 2221/02; B03C 3/155; F24F 3/16; F24F 13/28

See application file for complete search history.

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Primary Examiner — Dana K Weiland

Assistant Examiner — Jonathan E Fiencke

(74) *Attorney, Agent, or Firm* — Workman Nydegger; Logan Christenson; John Guynn

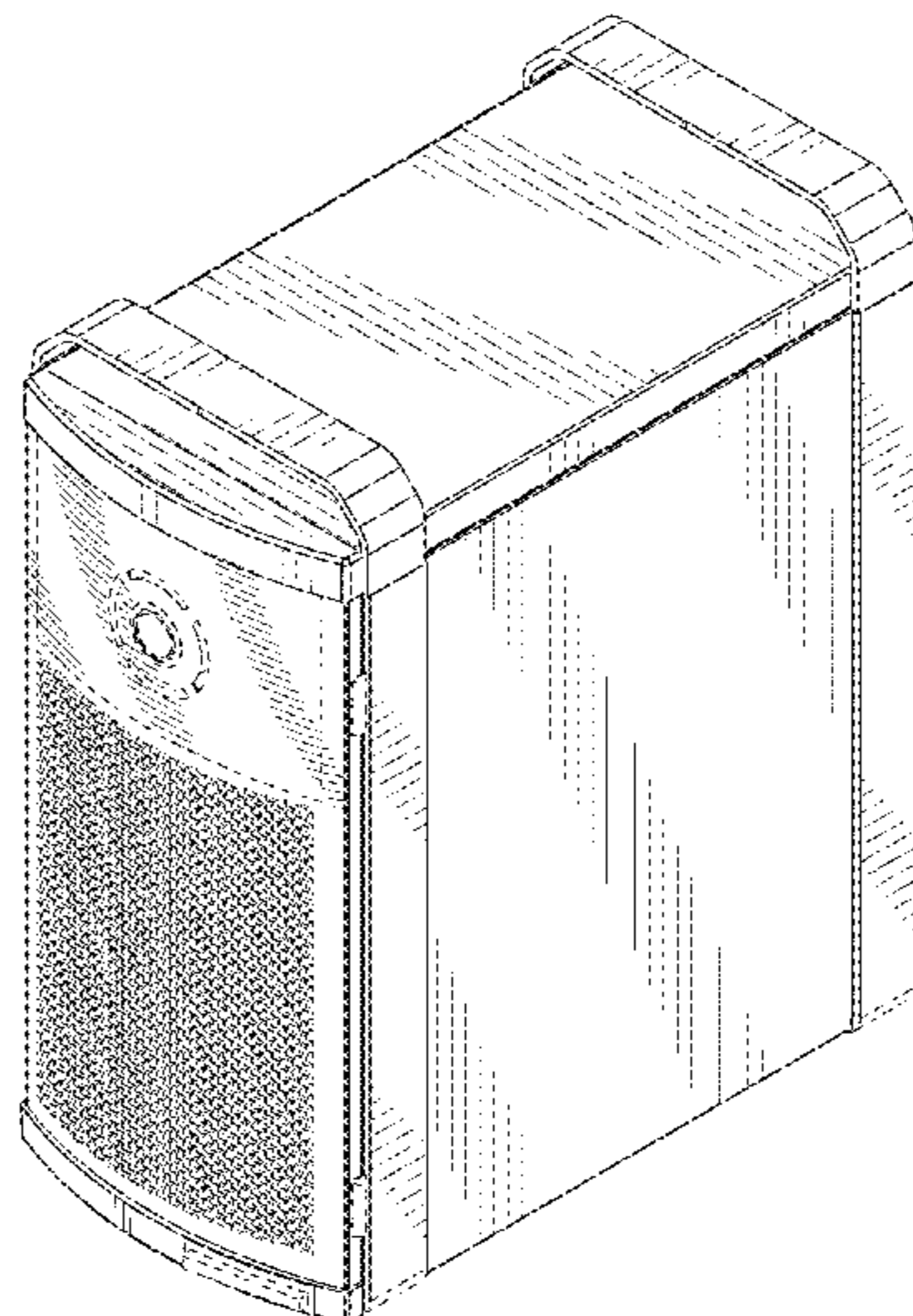
(57) **CLAIM**

The ornamental design for an air purification and sterilization unit, as shown and described.

DESCRIPTION

FIG. 1 illustrates a perspective view of an air purification and sterilization unit showing the new design; FIG. 2 illustrates a front elevation view thereof; FIG. 3 illustrates a rear elevation view thereof; FIG. 4 illustrates a top plan view thereof; FIG. 5 illustrates a bottom plan view thereof; FIG. 6 illustrates a right side elevation view thereof; FIG. 7 illustrates a left side elevation view thereof; FIG. 8 illustrates a perspective view of another embodiment of an air purification and sterilization unit showing the new design; FIG. 9 illustrates a front elevation view thereof; FIG. 10 illustrates a rear elevation view thereof; FIG. 11 illustrates a top plan view thereof; FIG. 12 illustrates a bottom plan view thereof; FIG. 13 illustrates a right side elevation view thereof; and, FIG. 14 illustrates a left side elevation view thereof. The broken lines and unshaded areas depict portions of the air purification and sterilization device that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



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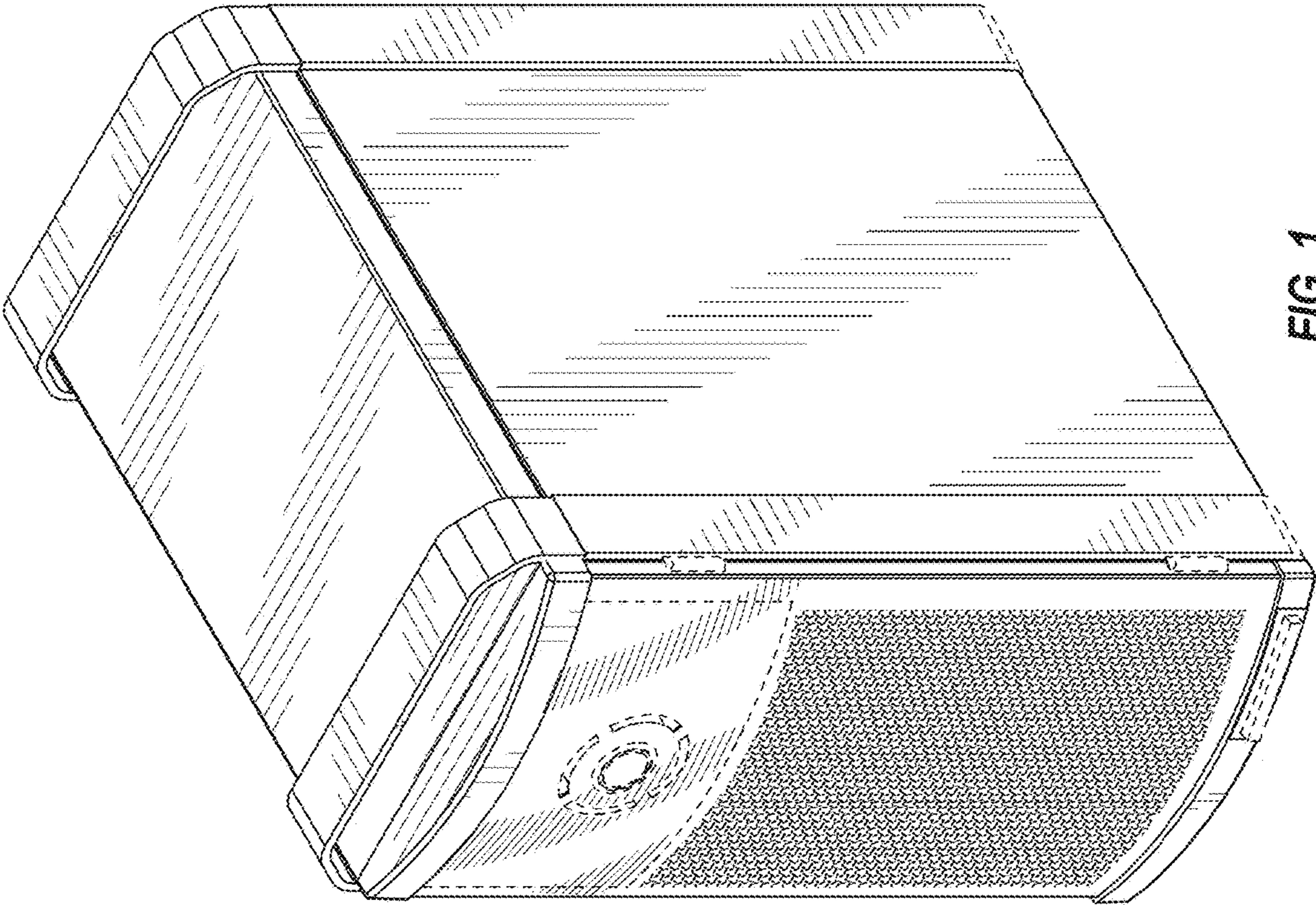


FIG. 1

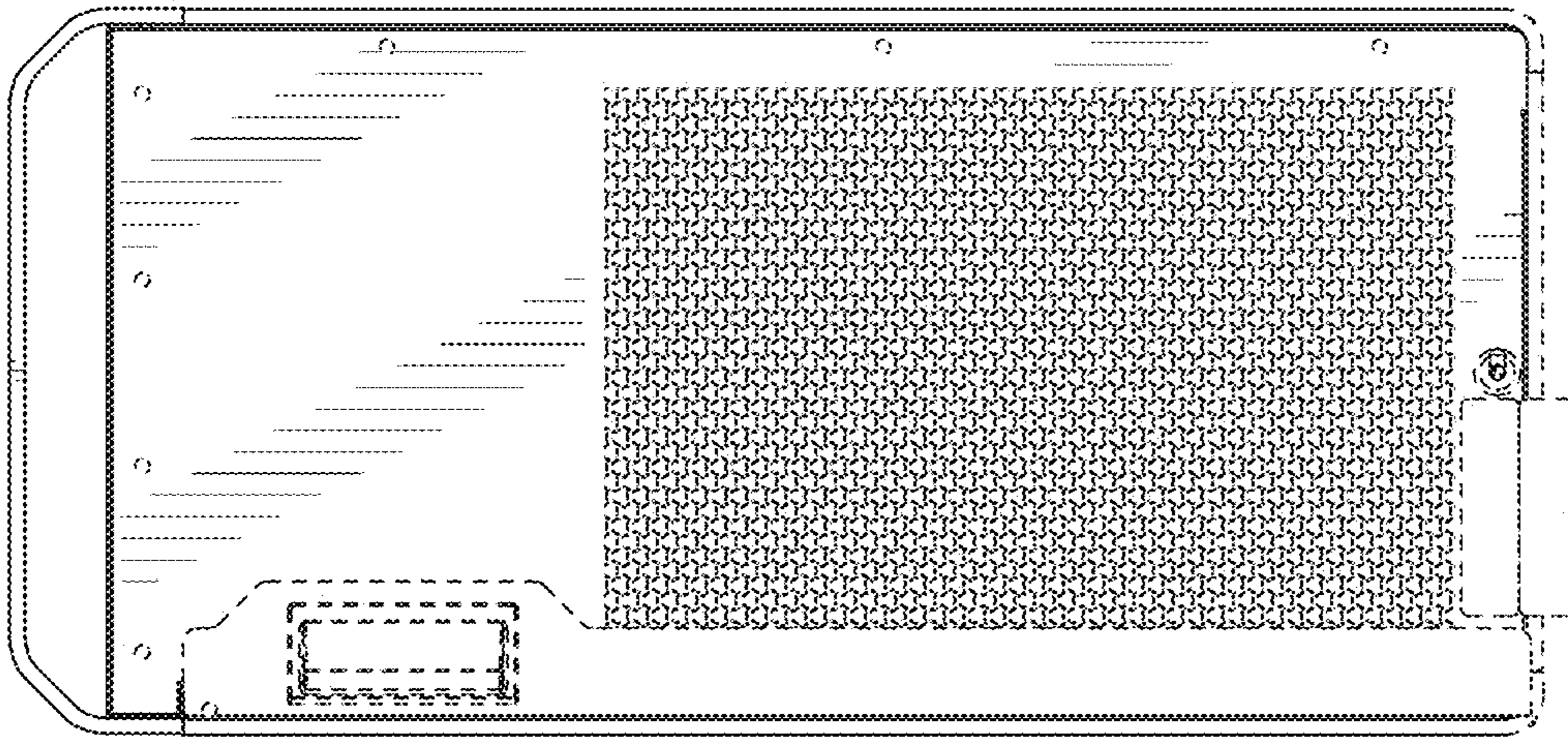


FIG. 3

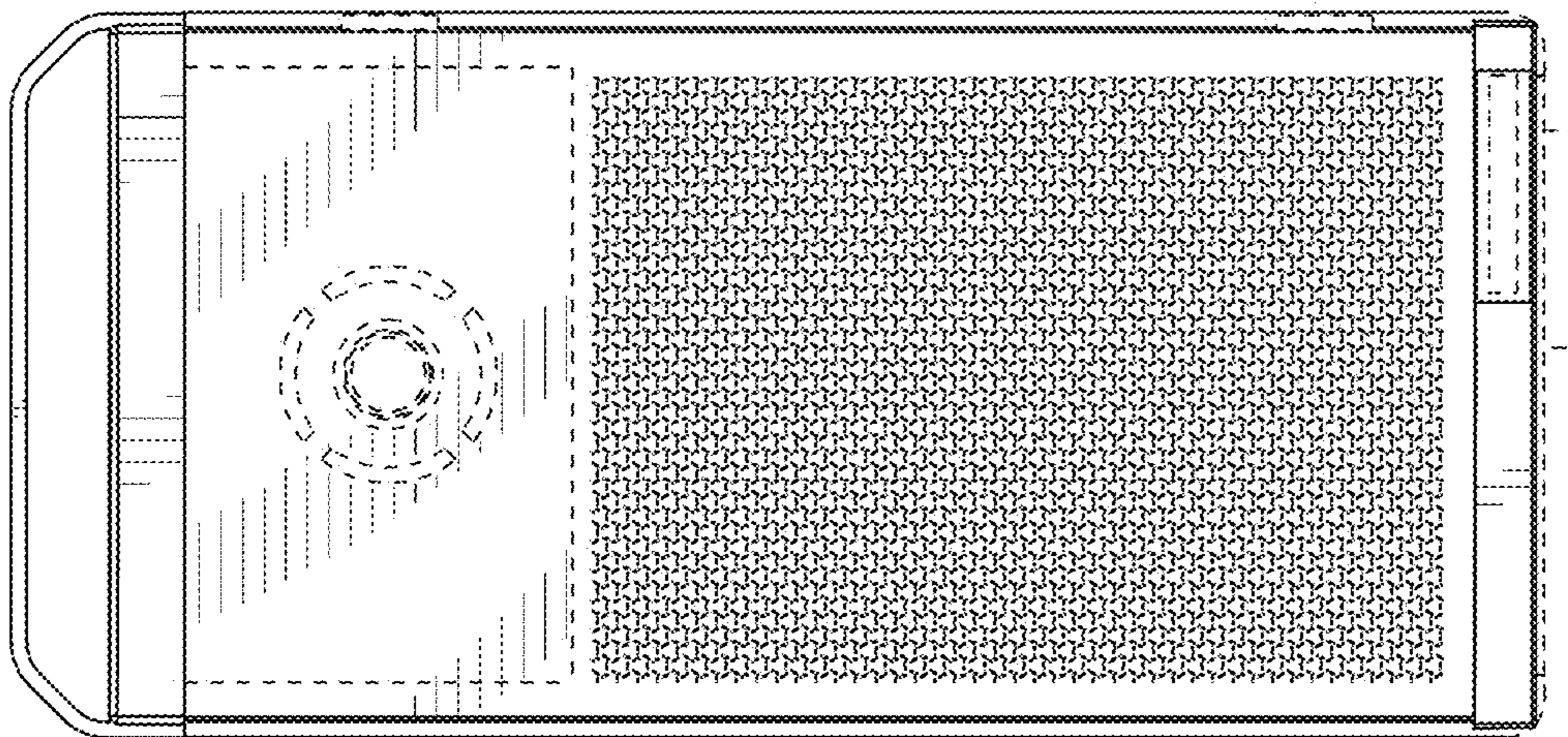


FIG. 2

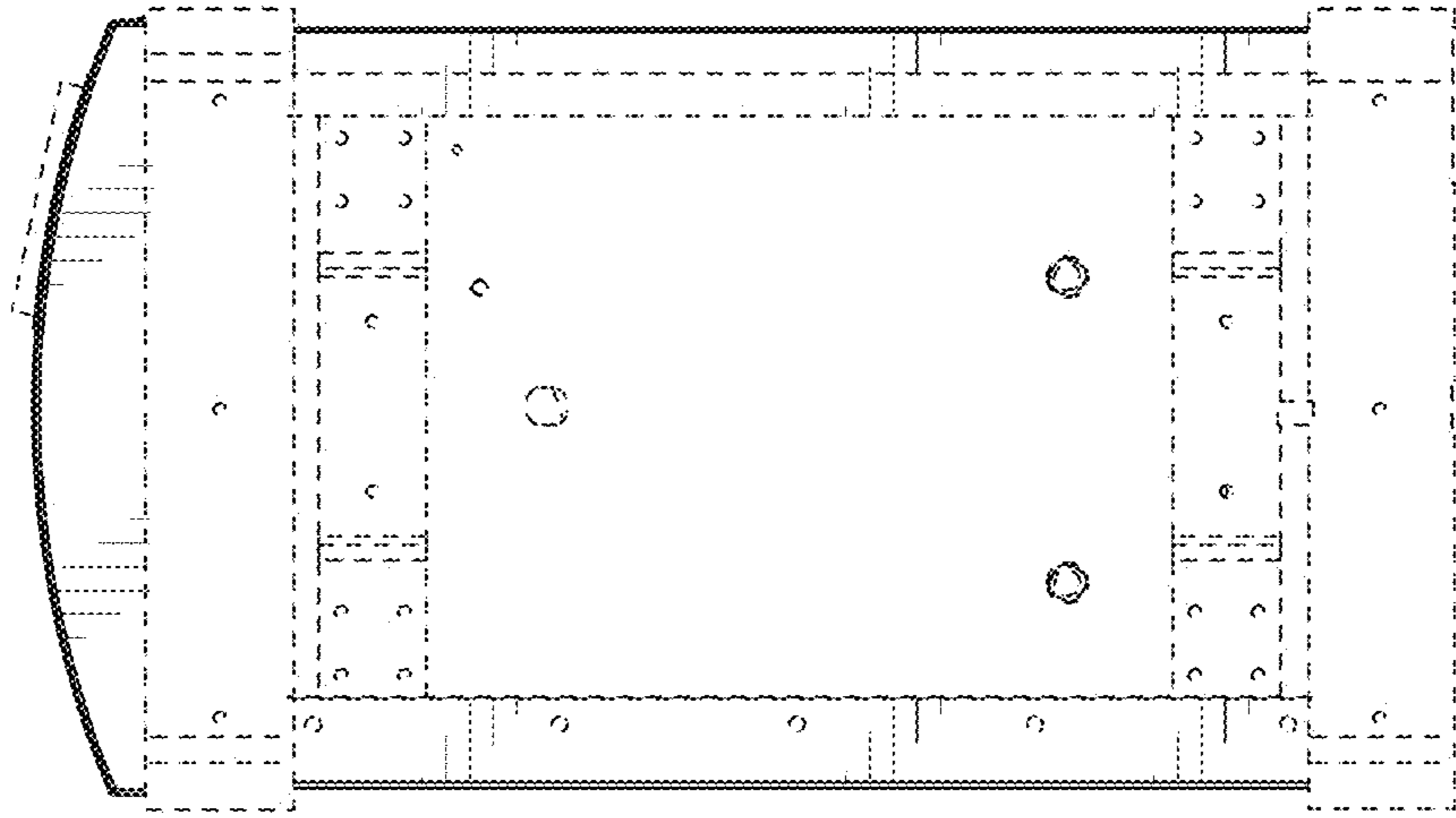


FIG. 5

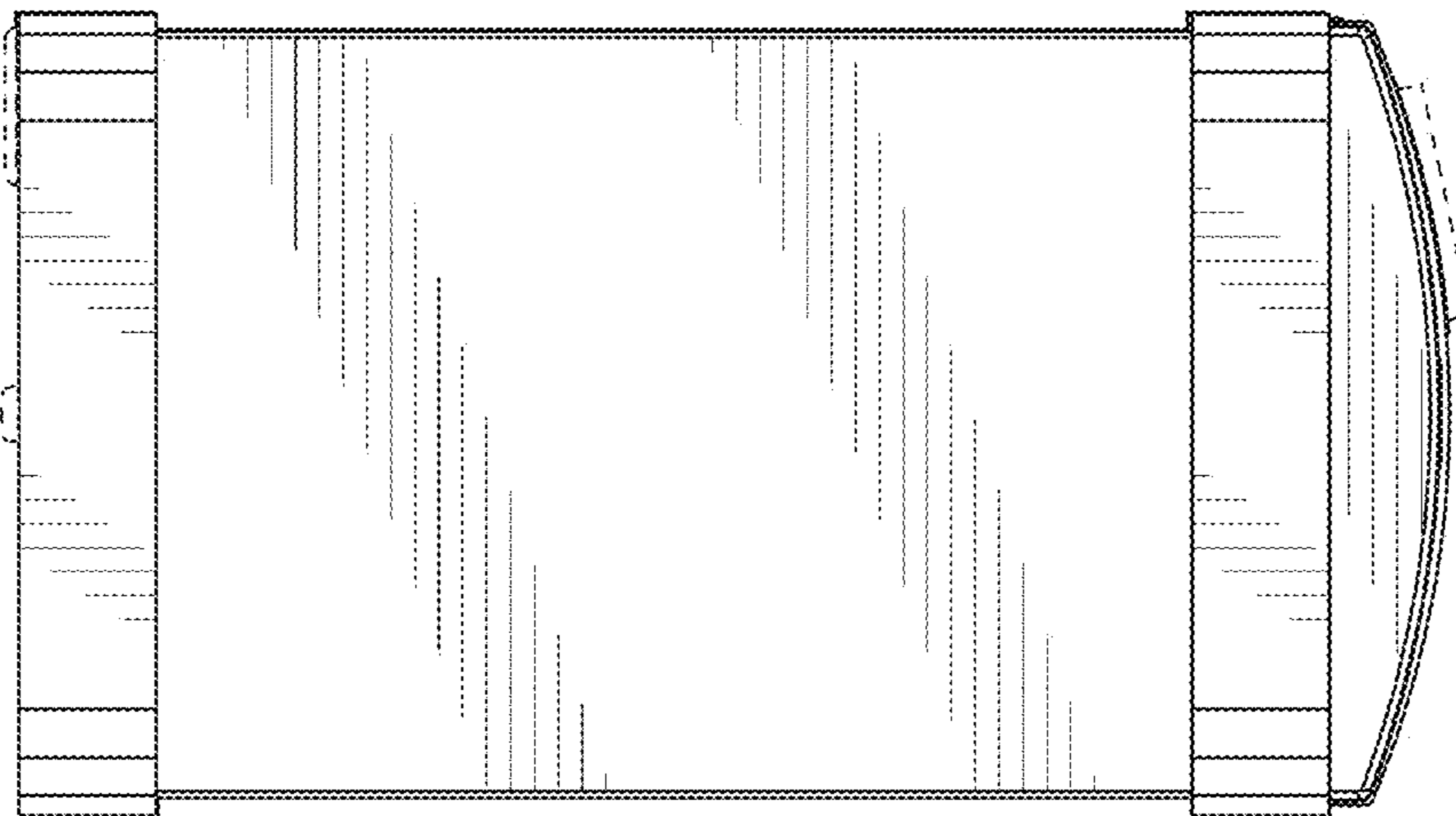


FIG. 4

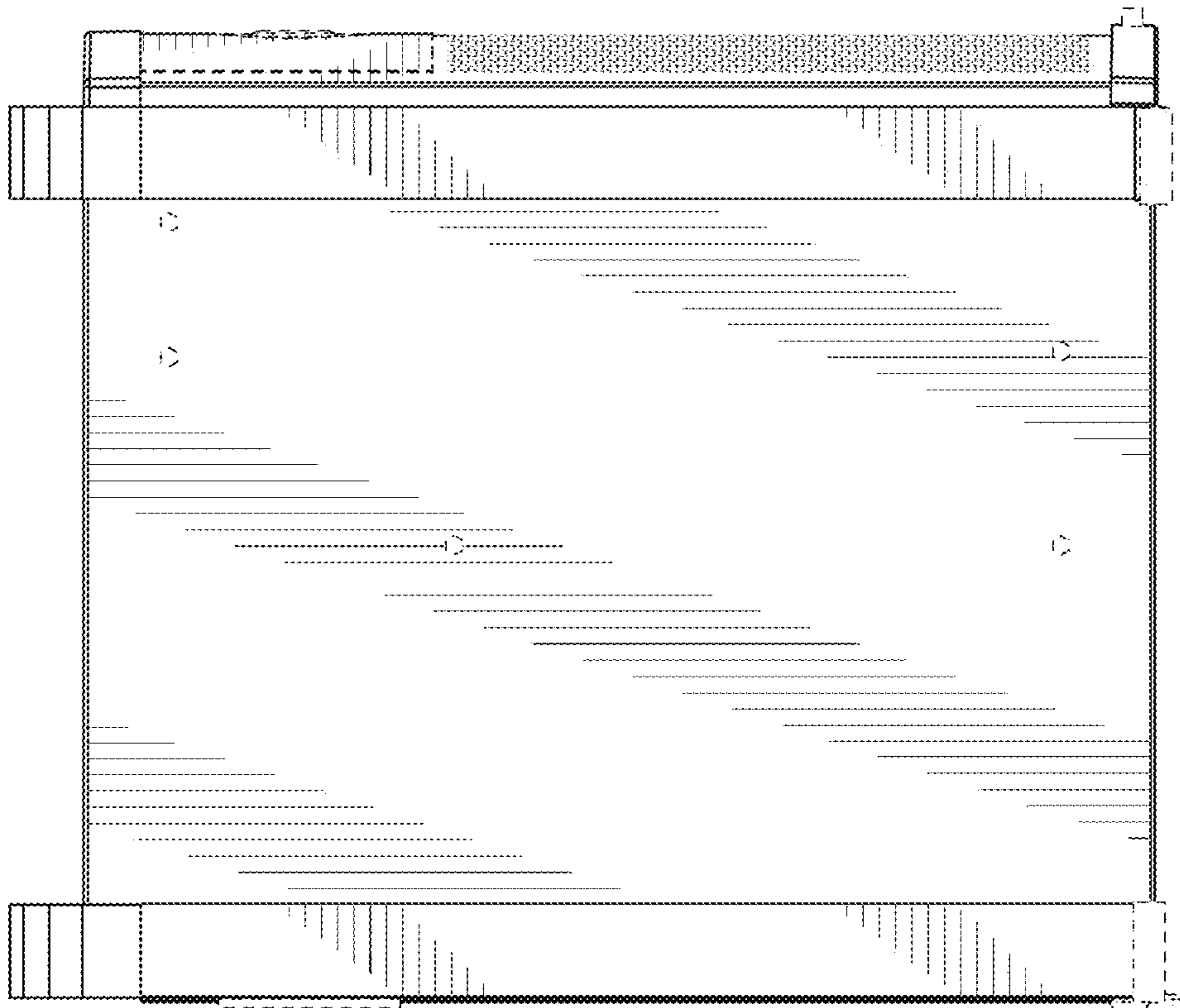


FIG. 7

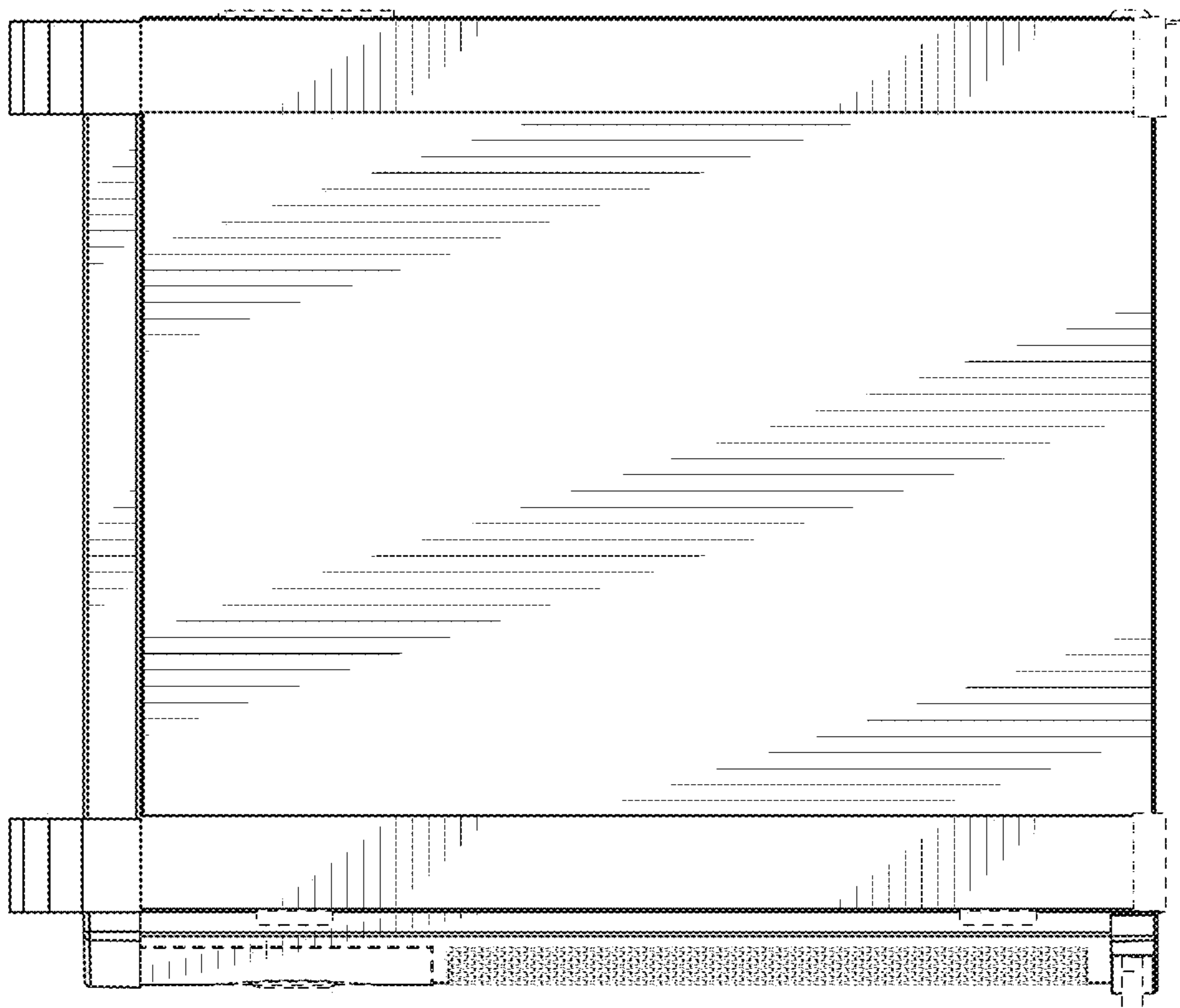


FIG. 6

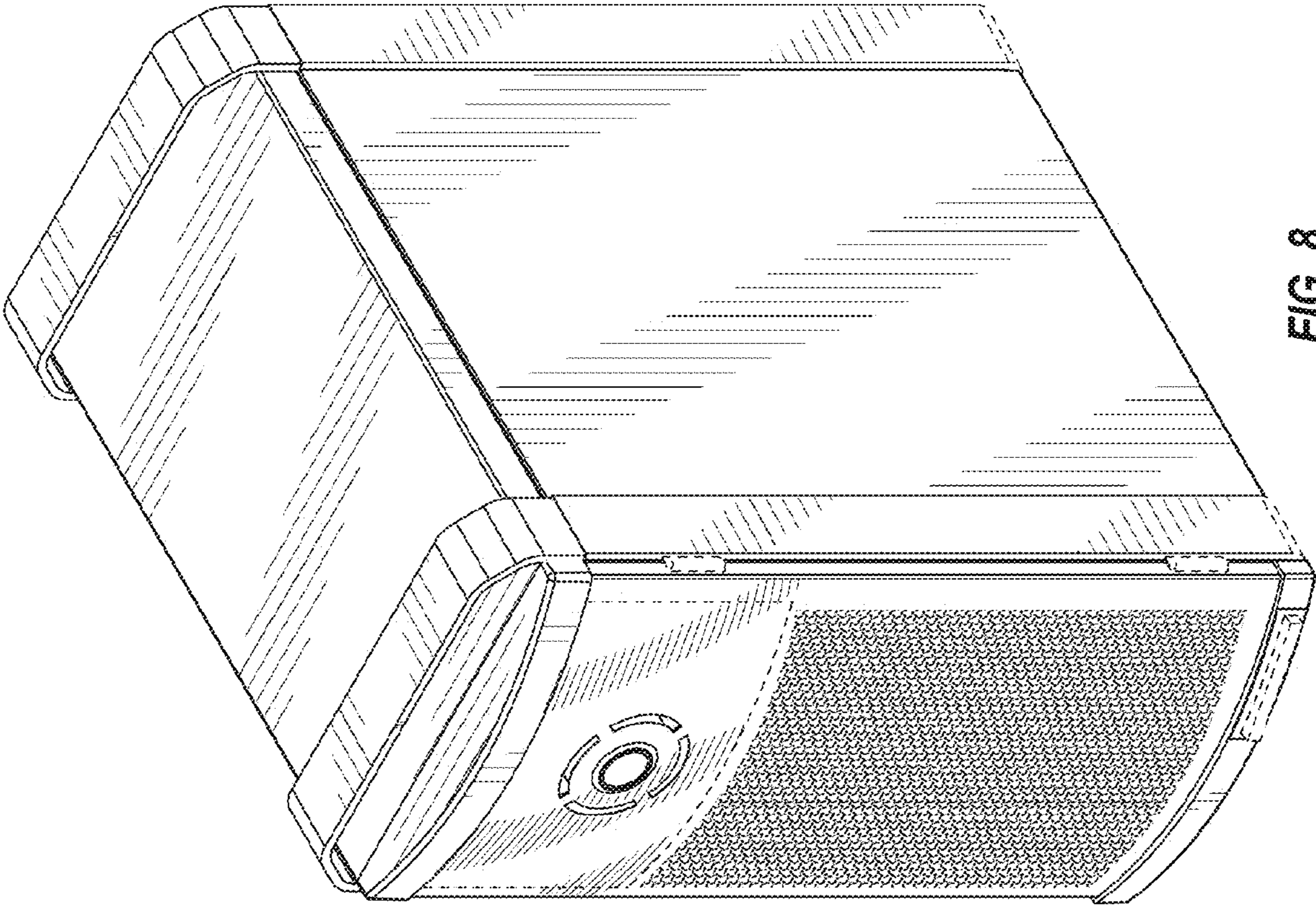


FIG. 8

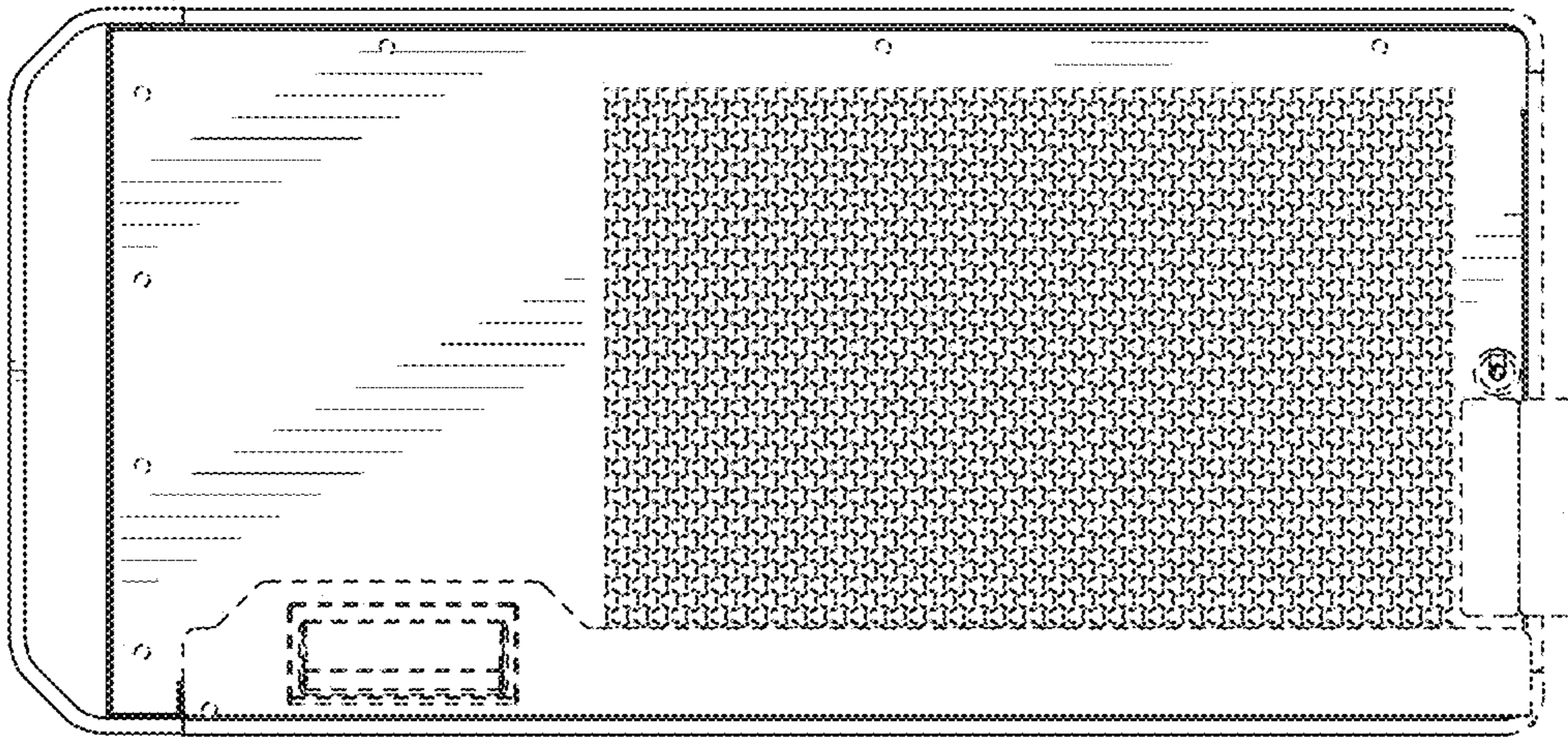


FIG. 10

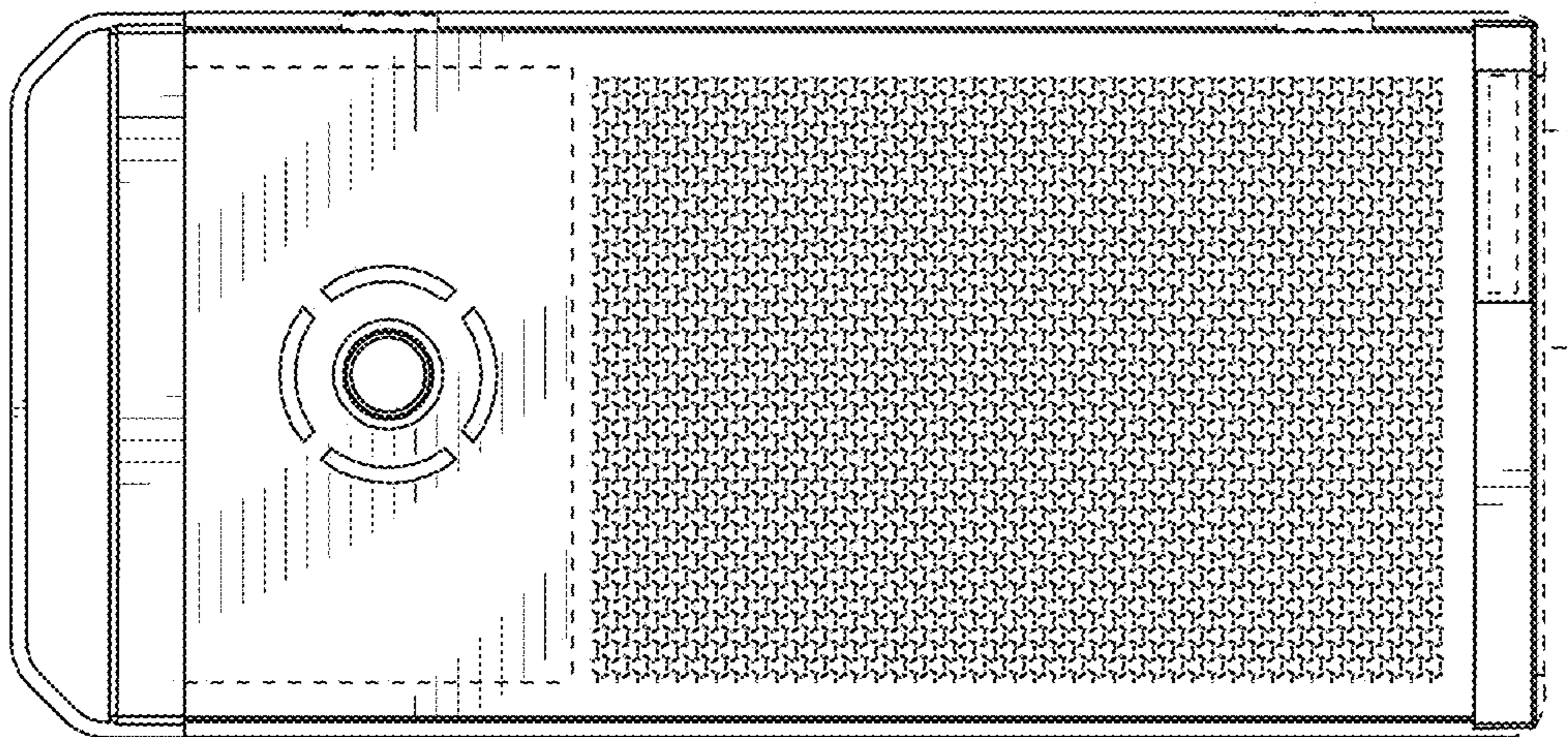


FIG. 9

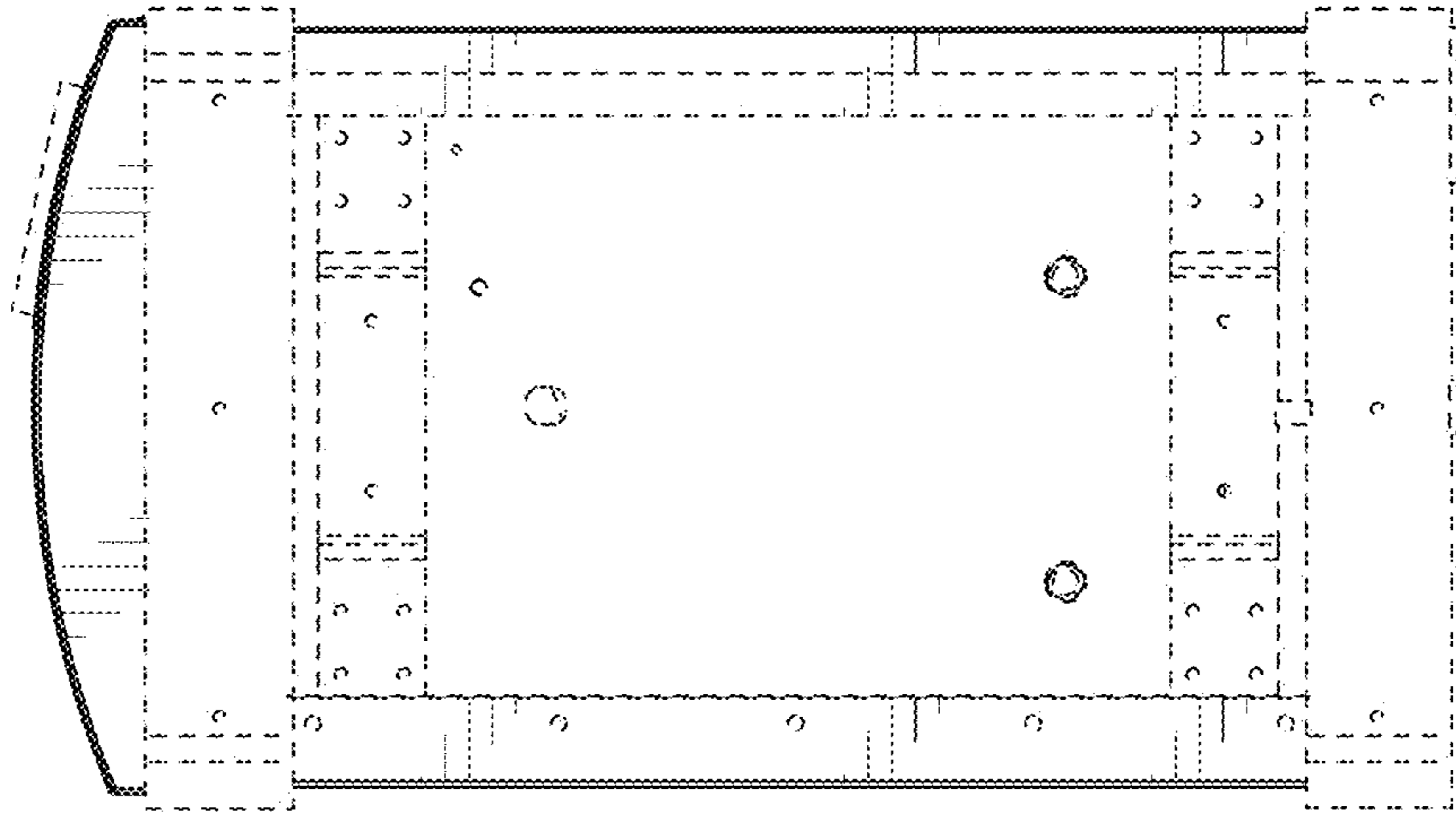


FIG. 11

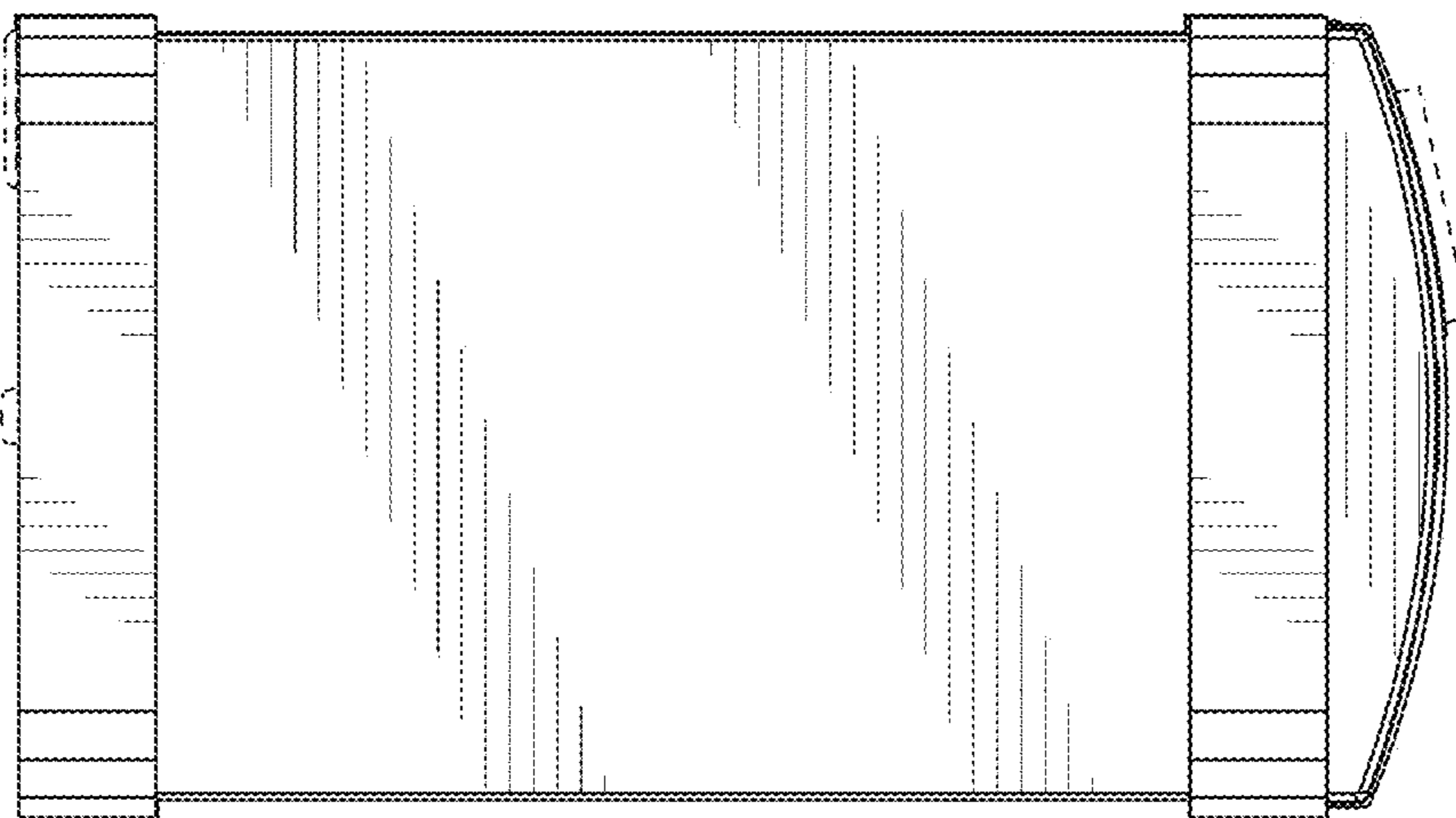


FIG. 12

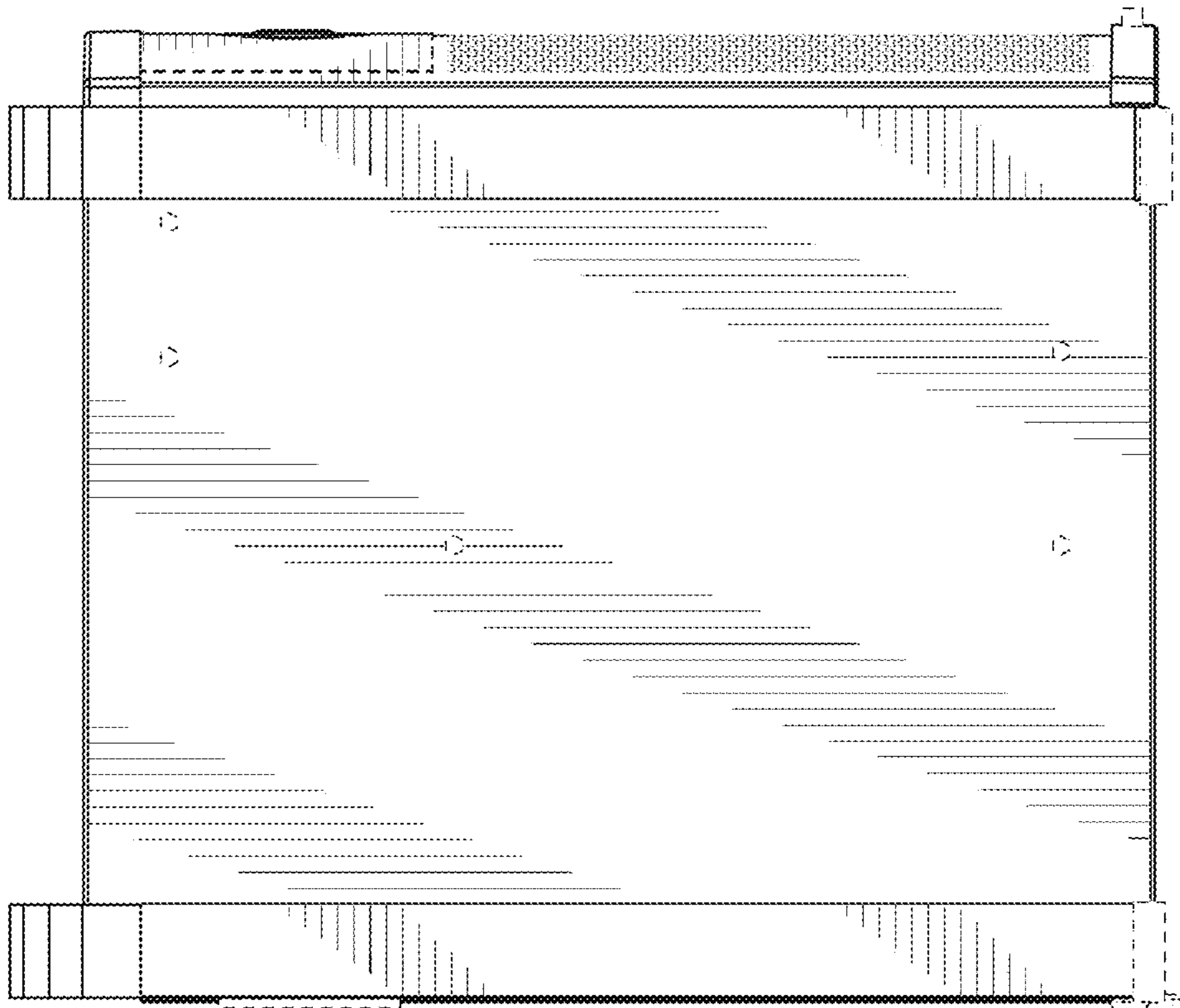


FIG. 14

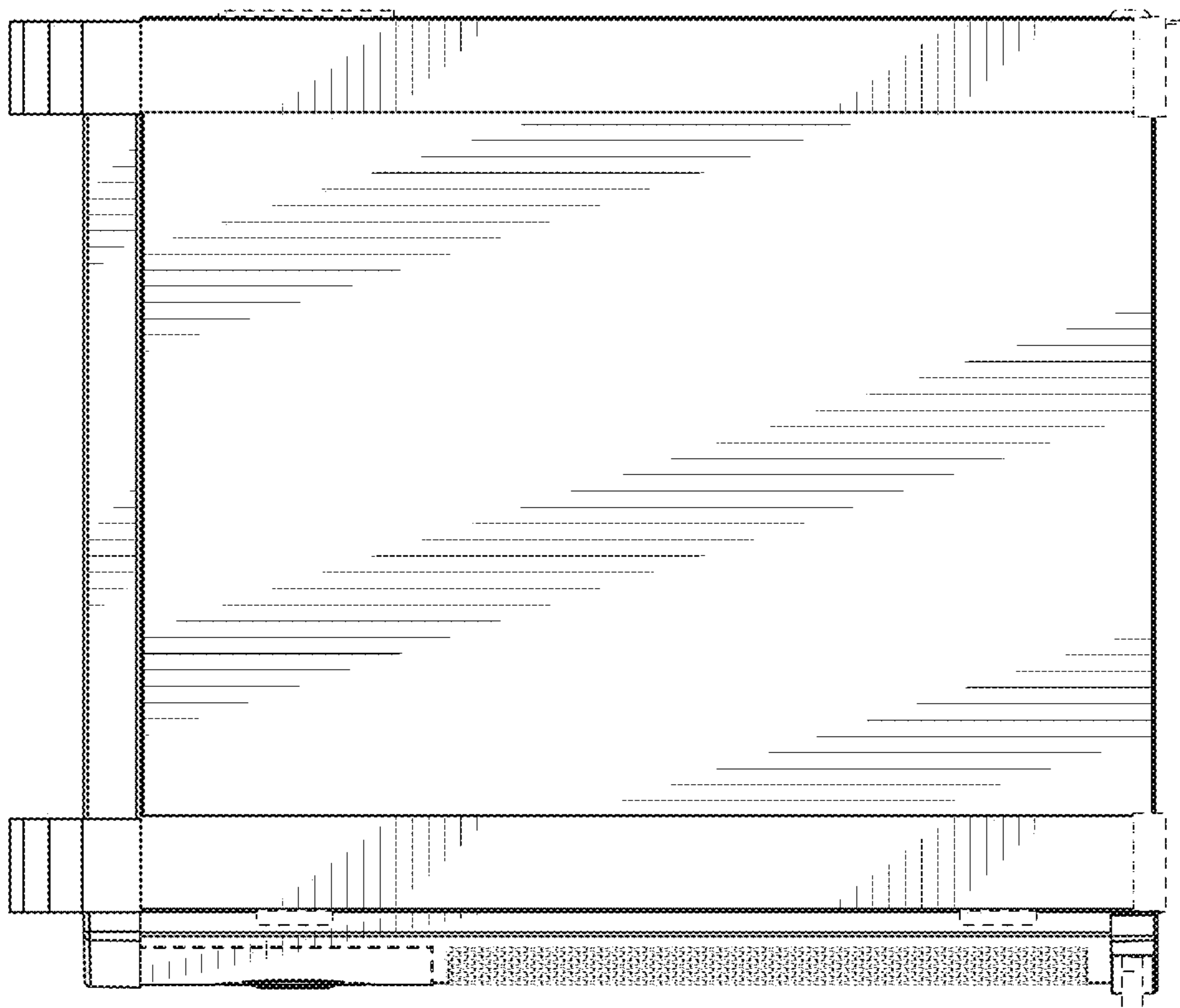


FIG. 13