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(12) **United States Design Patent** (10) **Patent No.:** **US D861,596 S**
Oliver et al. (45) **Date of Patent:** **** *Oct. 1, 2019**

(54) **BATTERY MID CHARGER**

(56) **References Cited**

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(72) Inventors: **Neil Oliver**, Staffordshire (GB); **David Asplin**, Staffordshire (GB); **Steve Dodds**, Staffordshire (GB)

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(73) Assignee: **Accutronics, Ltd.** (GB)

(*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/617,784**

(22) Filed: **Sep. 15, 2017**

Related U.S. Application Data

(62) Division of application No. 29/561,226, filed on Apr. 14, 2016, now Pat. No. Des. 797,660, which is a division of application No. 29/485,393, filed on Mar. 18, 2014, now Pat. No. Des. 757,645.

Primary Examiner — Paula Allen Greene

(57) **CLAIM**

An ornamental design for the battery mid charger, as shown and described.

(30) **Foreign Application Priority Data**

Sep. 18, 2013 (EP) 002311787

(51) **LOC (12) Cl.** **13-02**

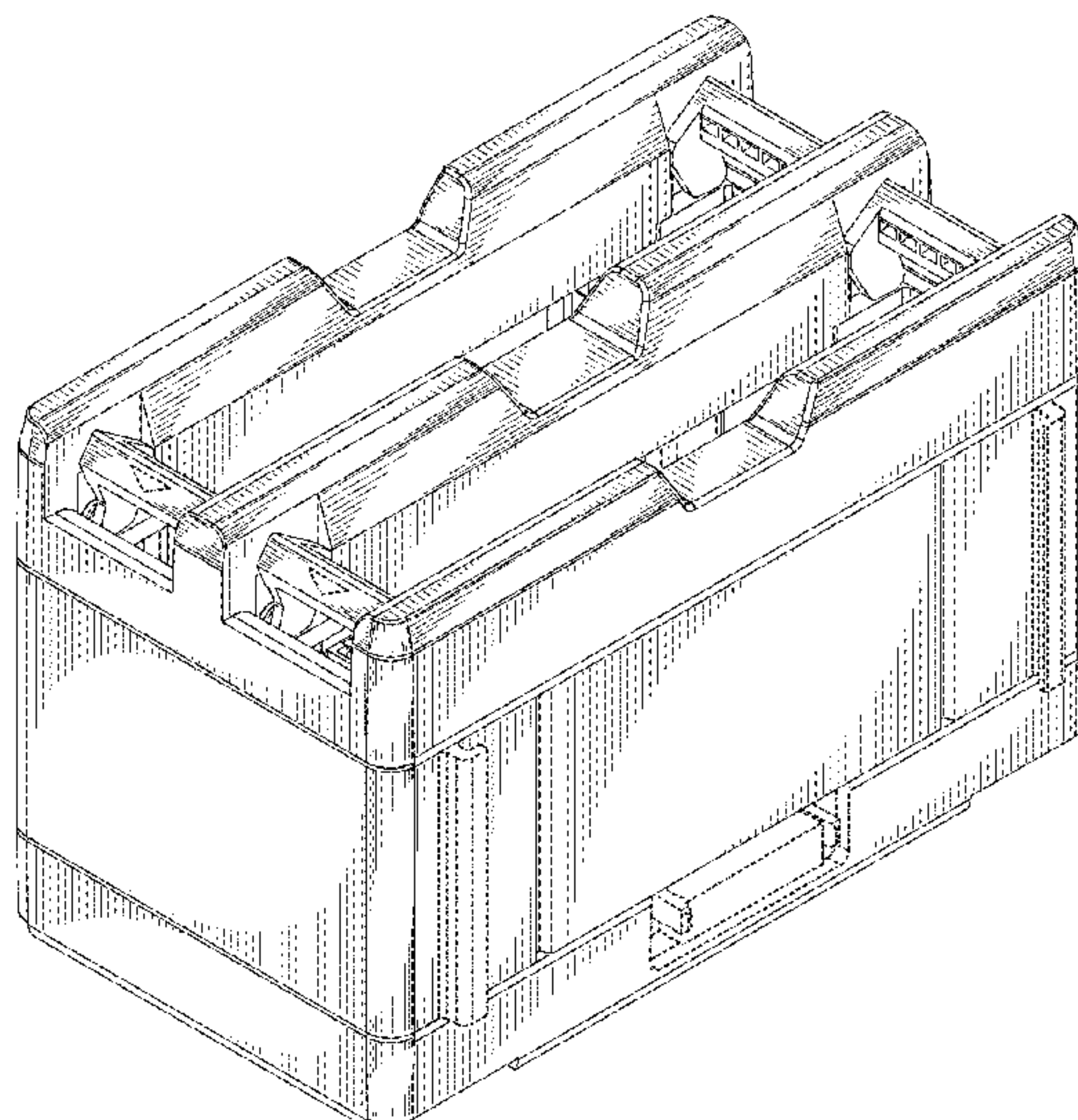
(52) **U.S. Cl.**
USPC **D13/107**

(58) **Field of Classification Search**
USPC D13/107, 103, 106, 110, 184, 82, 120, D13/159, 168; 429/96, 97, 99, 100, 105, 429/163, 82, 120, 176; 320/103, 107, 320/110, 120, 125, 113
CPC H01M 2/10; H01M 10/46; H01M 10/44; H01M 10/6556; H01M 10/50
See application file for complete search history.

DESCRIPTION

FIG. 1 is a first perspective view of an embodiment of our mid charger module;
FIG. 2 is a second perspective view of the design of FIG. 1;
FIG. 3 is a front view of the design of FIG. 1;
FIG. 4 is a top view of the design of FIG. 1;
FIG. 5 is a bottom view of the design of FIG. 1;
FIG. 6 is a left hand side view of the design of FIG. 1; and,
FIG. 7 is a right hand side view of the design of FIG. 1.
The broken lines in the above described FIGS. 1-7 are for illustrative purposes only and form no part of the claimed design.

1 Claim, 7 Drawing Sheets



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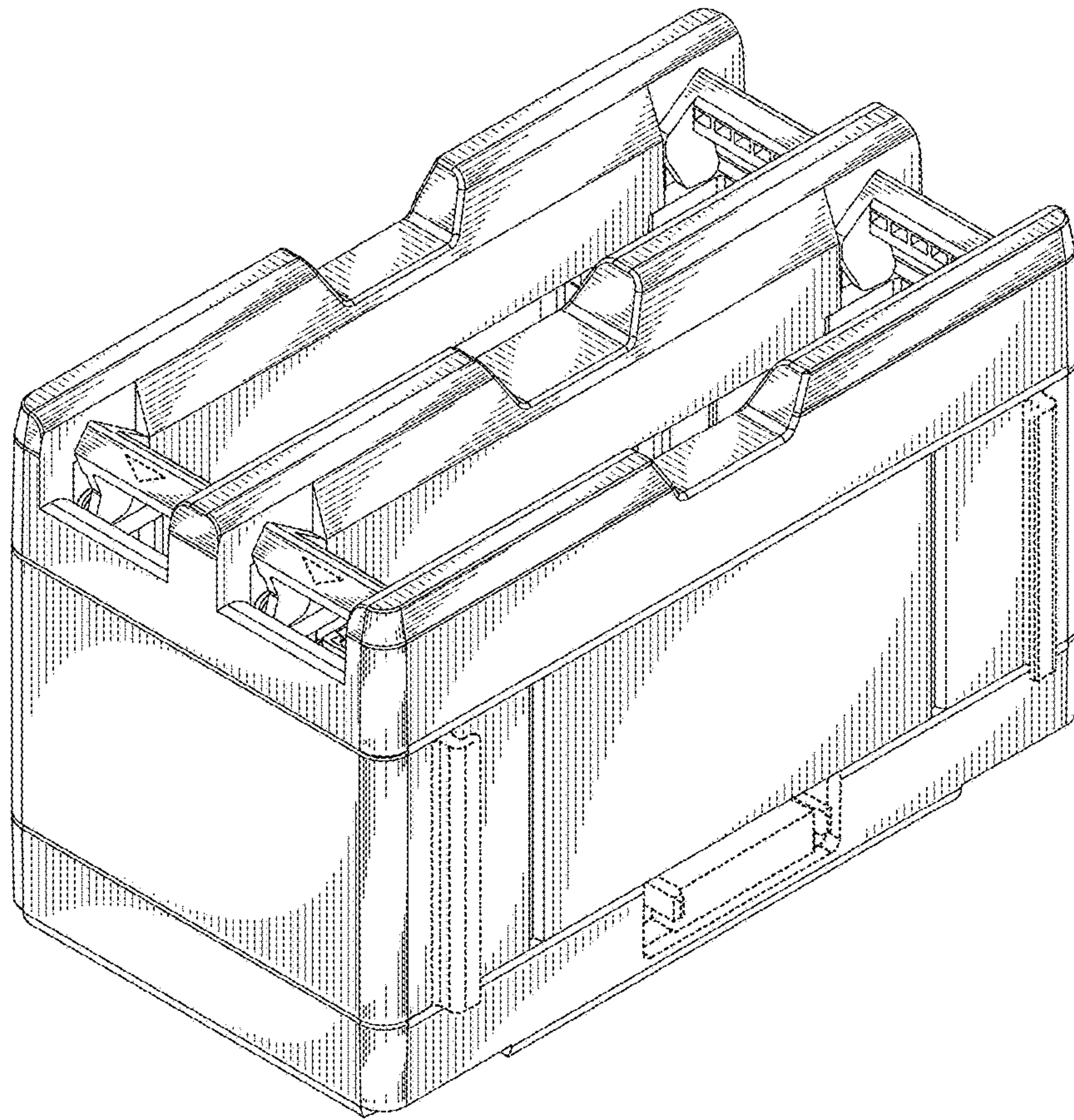


FIG. 1

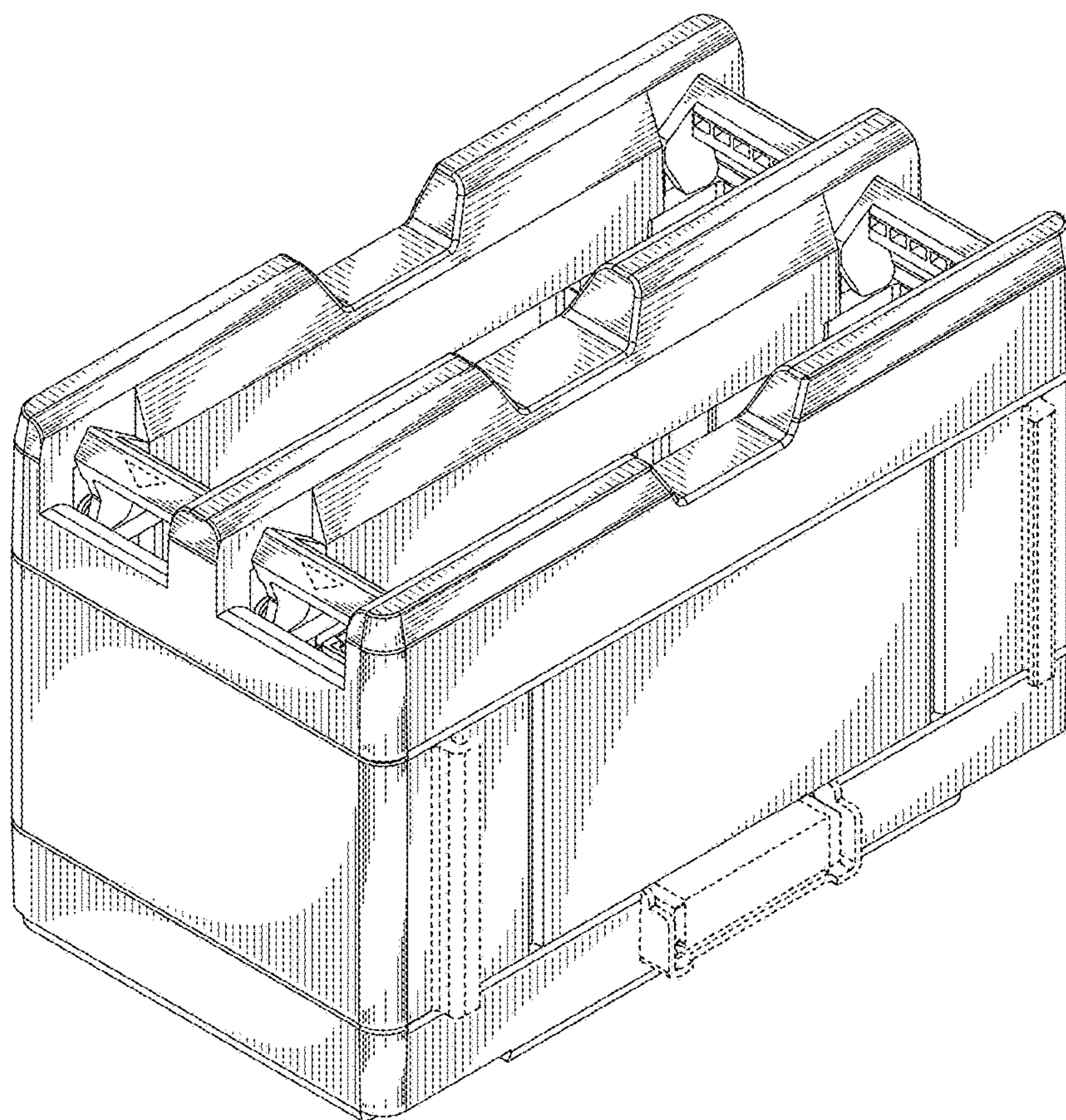


FIG. 2

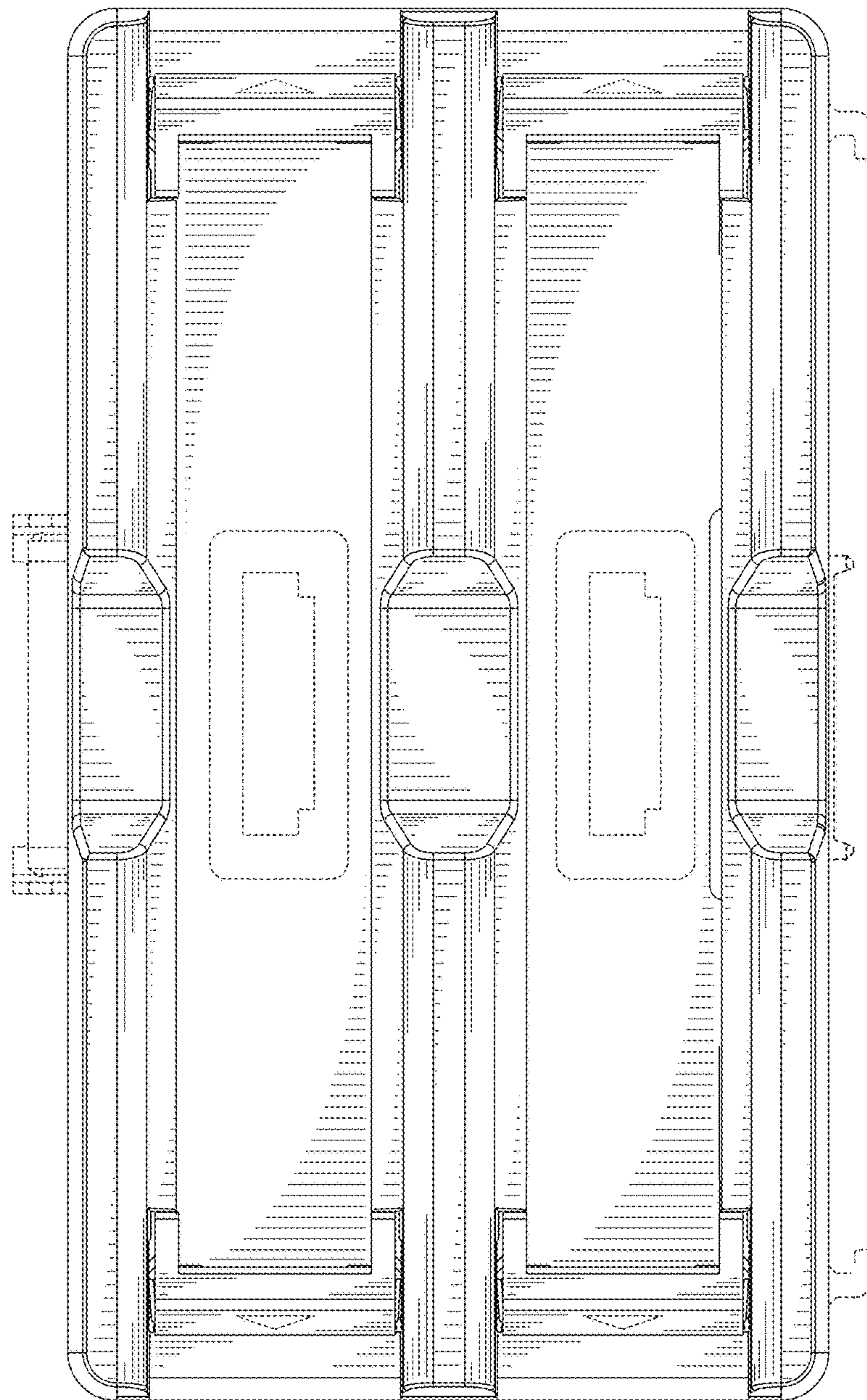


FIG. 3

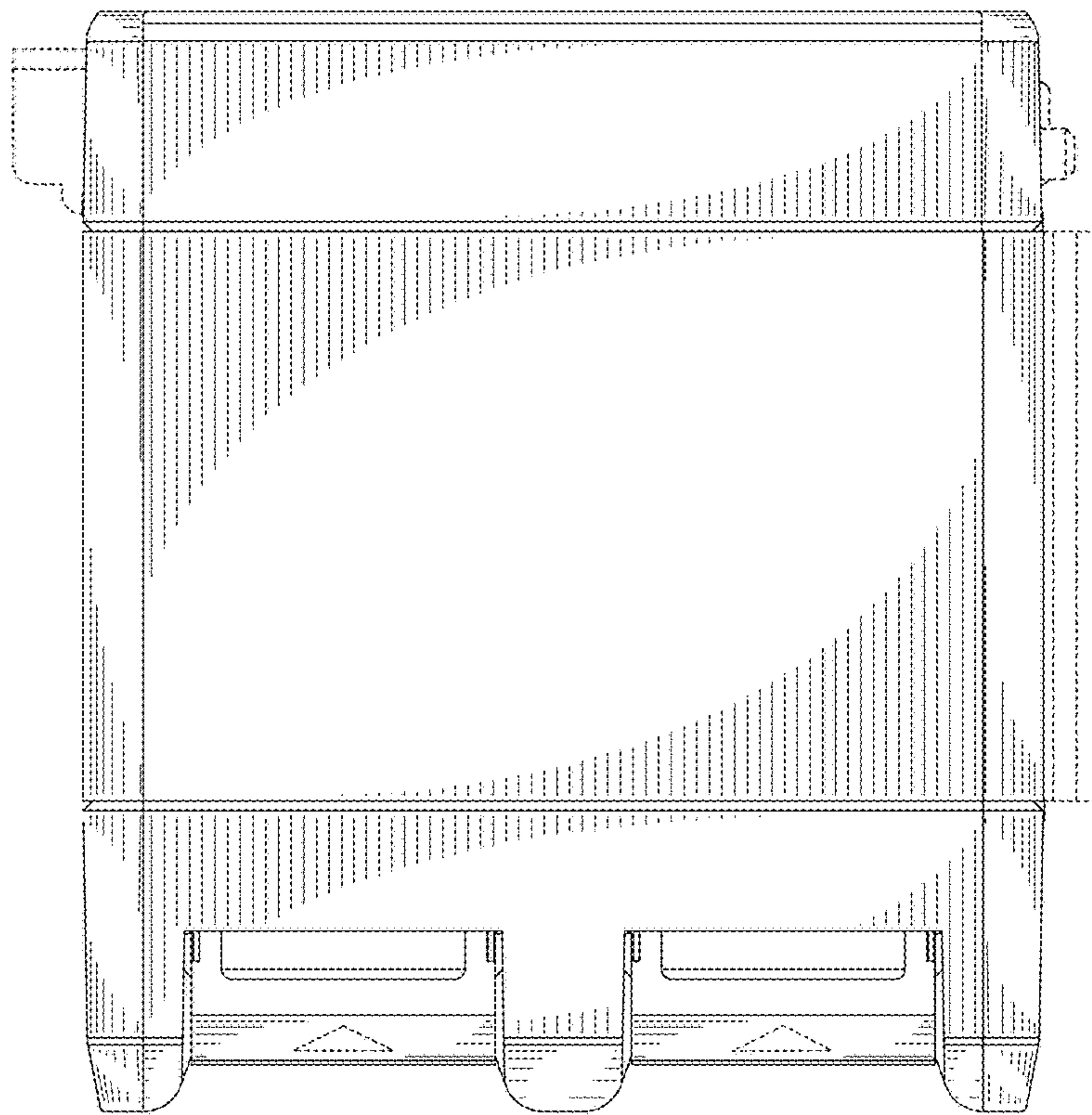


FIG. 4

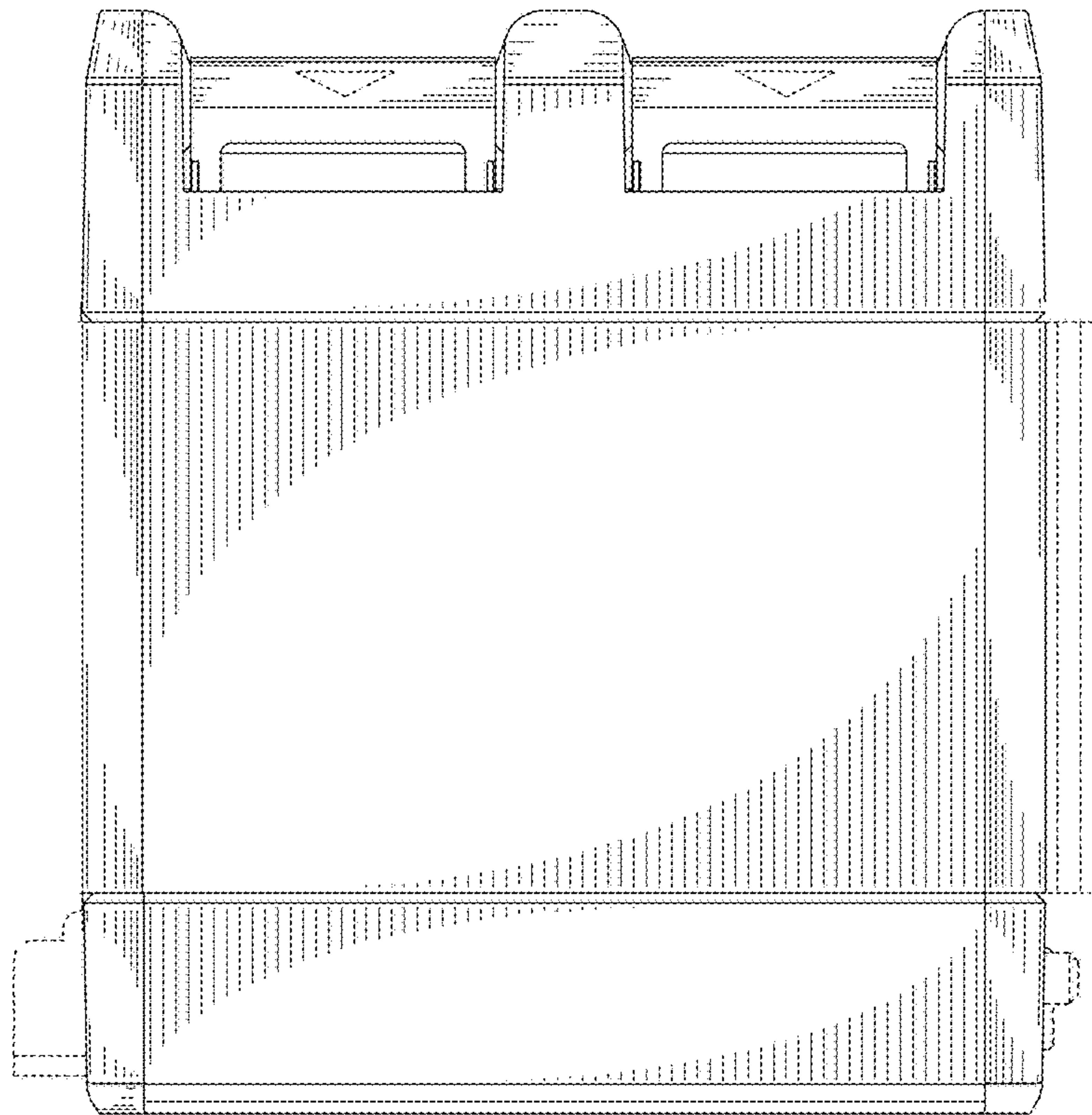


FIG. 5

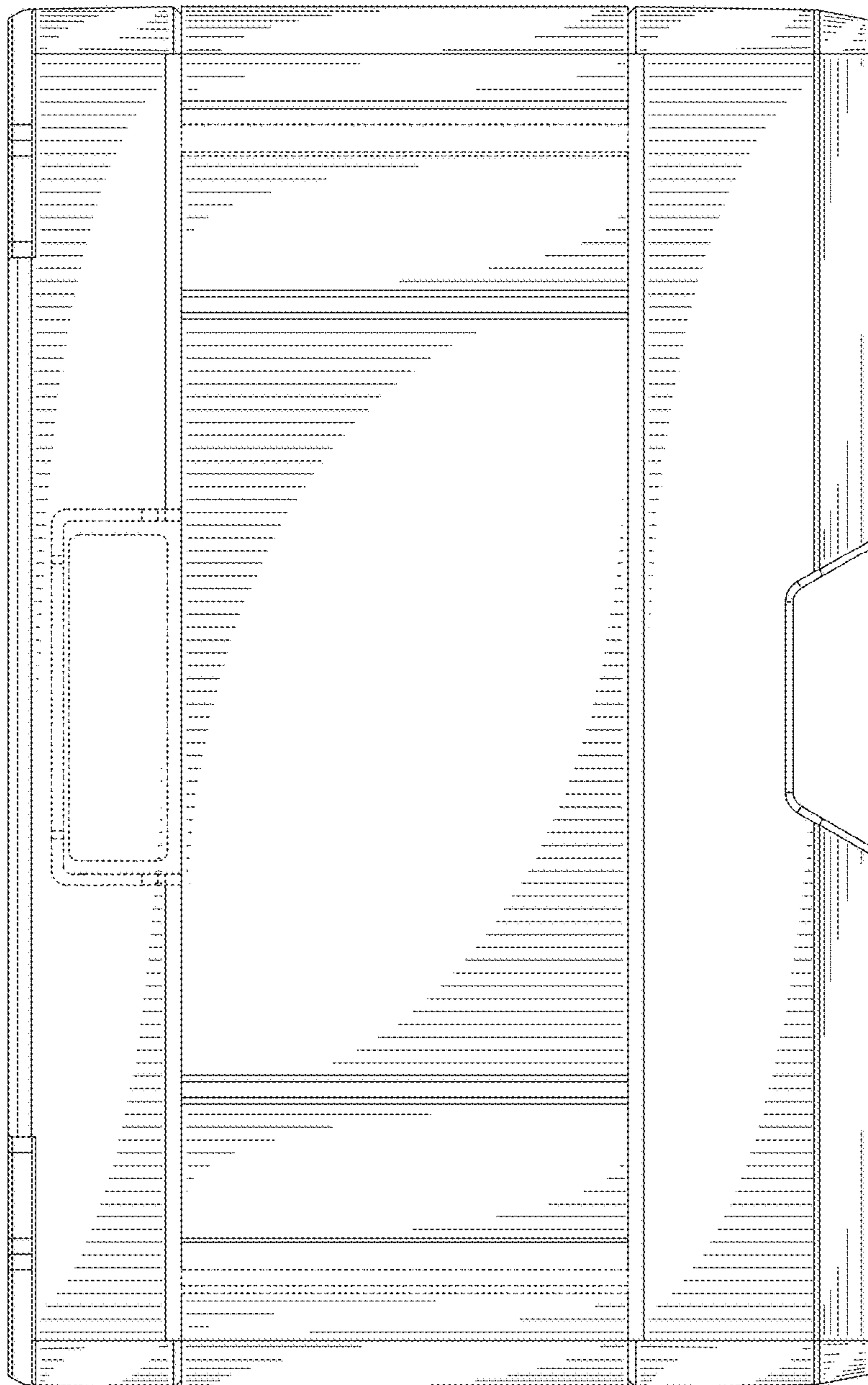


FIG. 6

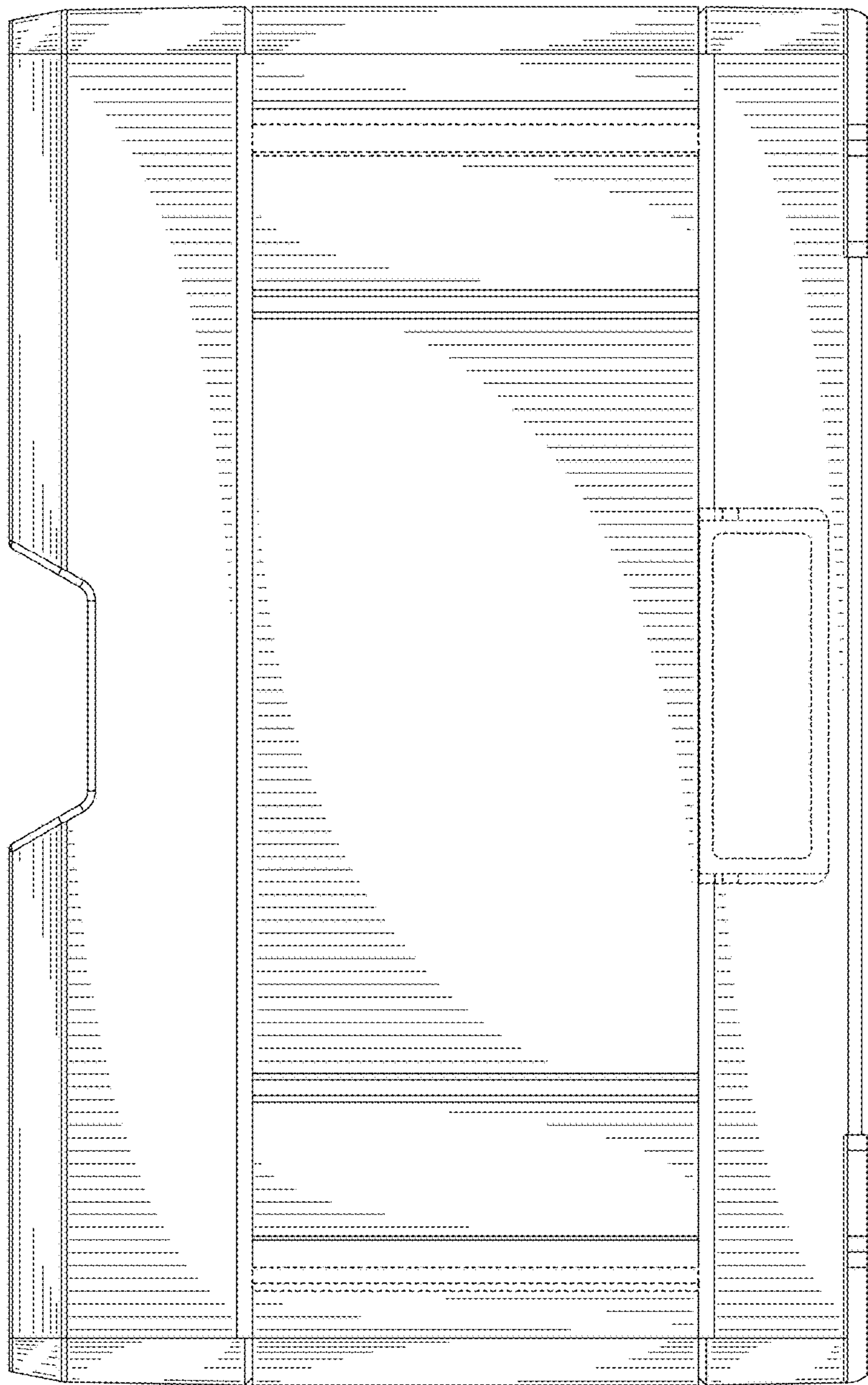


FIG. 7