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(12) **United States Design Patent**
Oliver et al.

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(45) **Date of Patent:** **** Sep. 19, 2017**

(54) **BATTERY CHARGER MODULE**

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

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

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

(21) Appl. No.: **29/561,226**

(22) Filed: **Apr. 14, 2016**

Related U.S. Application Data

(62) Division of application No. 29/485,393, filed on Mar. 18, 2014, now Pat. No. Des. 757,645.

(30) **Foreign Application Priority Data**

Sep. 18, 2013 (EP) 002311787

(51) **LOC (10) Cl.** **13-02**

(52) **U.S. Cl.**
USPC **D13/103**

(58) **Field of Classification Search**
USPC D13/103, 106, 107, 110, 184, 82, 120,
D13/159; 429/96, 97, 99, 100, 105, 163,
(Continued)

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Primary Examiner — Paula Greene

(57) **CLAIM**

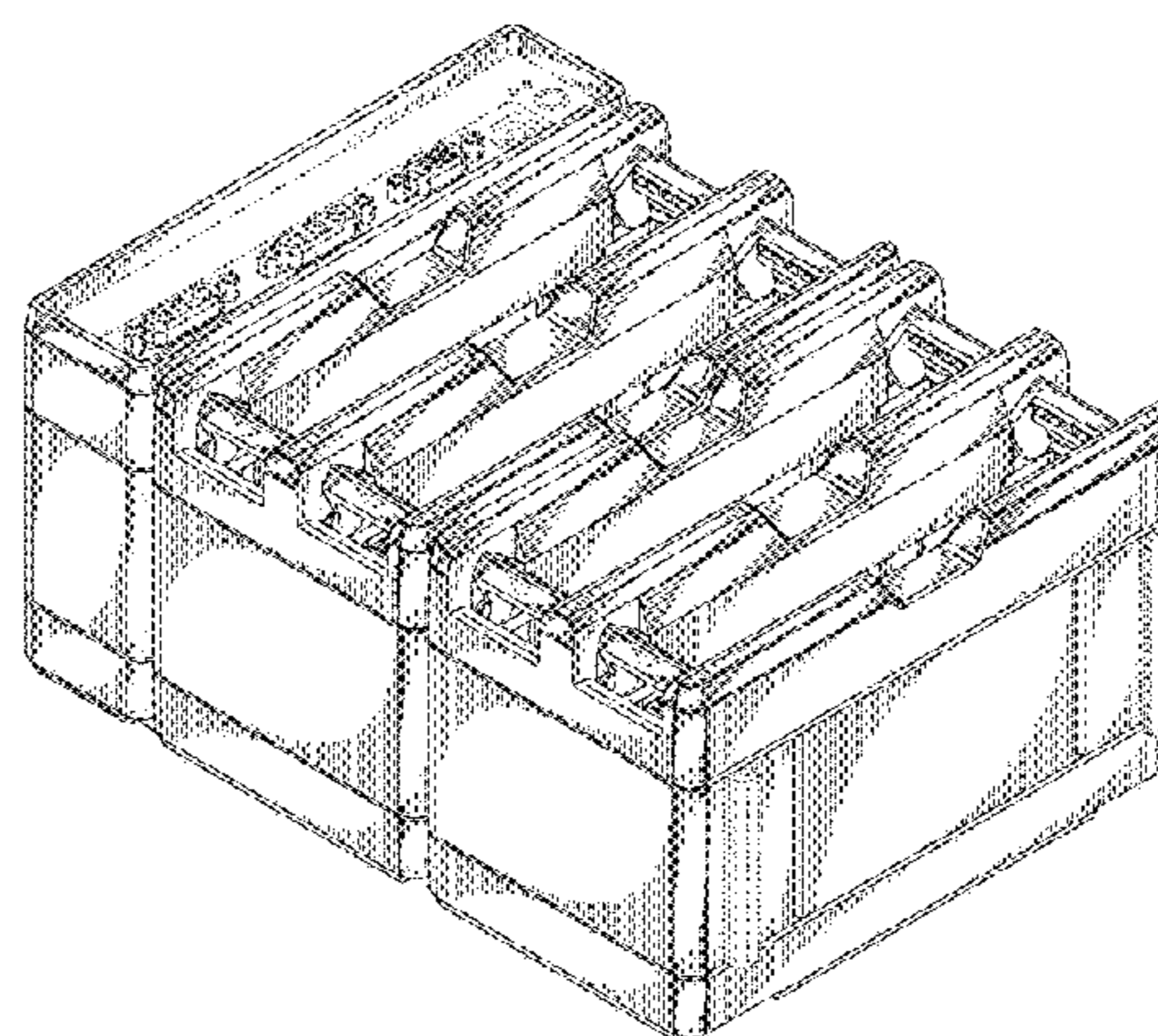
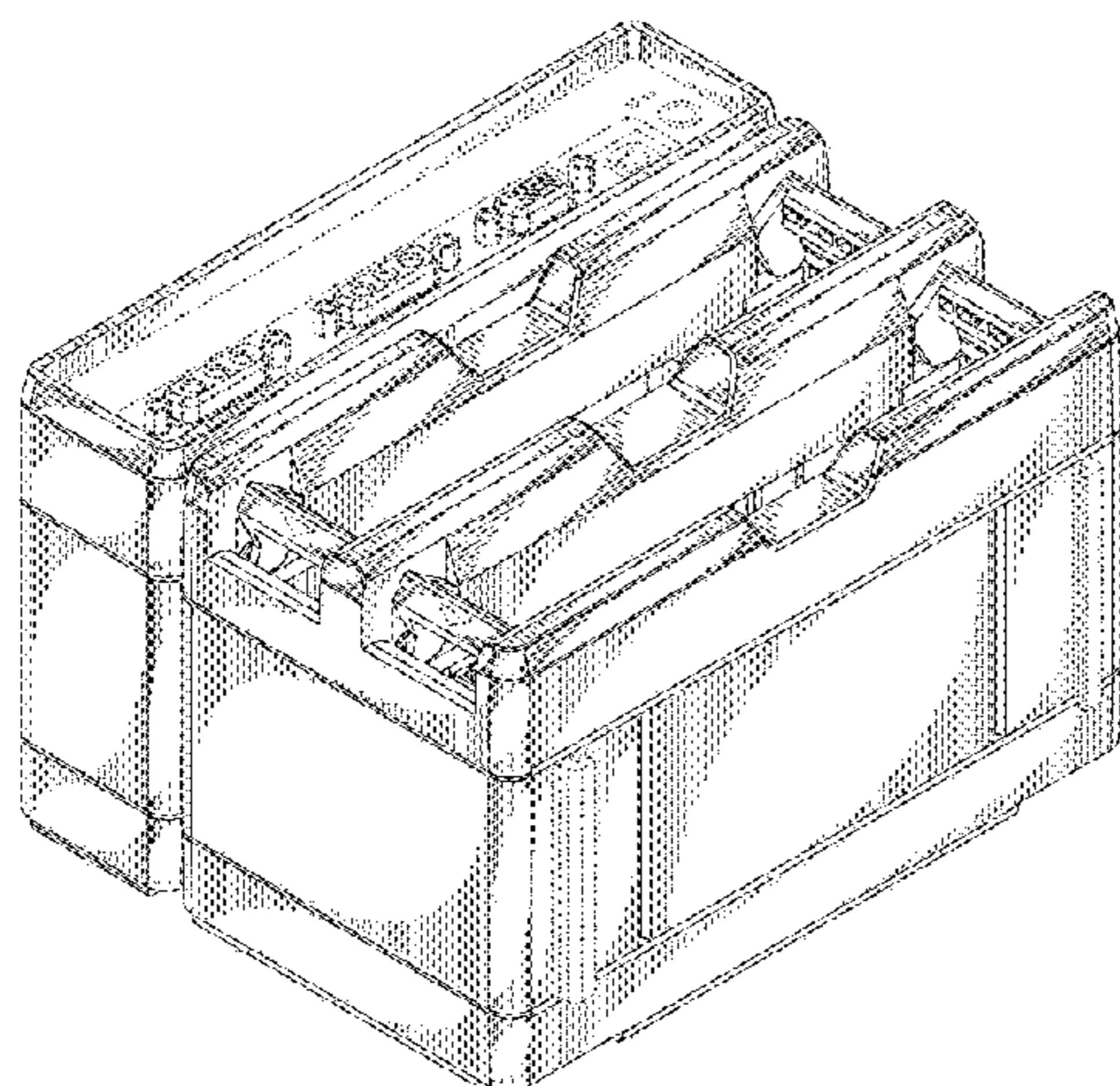
An ornamental design for the battery charger module, as shown and described.

DESCRIPTION

FIG. 1 is a first perspective view of our new control module coupled to an embodiment of our new end charger;

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; FIG. 7 is a right hand side view of the design of FIG. 1; FIG. 8 is a first perspective view of our new control module coupled to another embodiment of our end charger; FIG. 9 is a second perspective view of the design of FIG. 8; FIG. 10 is a front view of the design of FIG. 8; FIG. 11 is a top view of the design of FIG. 8; FIG. 12 is a bottom view of the design of FIG. 8; FIG. 13 is a left hand side view of the design of FIG. 8; FIG. 14 is a right hand side view of the design of FIG. 8; FIG. 15 is a first perspective view of our new control module coupled to another embodiment of end charger; FIG. 16 is a second perspective view of the design of FIG. 15; FIG. 17 is a front view of the design of FIG. 15; FIG. 18 is a top view of the design of FIG. 15; FIG. 19 is a bottom view of the design of FIG. 15; FIG. 20 is a left hand side view of the design of FIG. 15; FIG. 21 is a right hand side view of the design of FIG. 15; FIG. 22 is a first perspective view of our new control module coupled to another embodiment of our end charger; FIG. 23 is a second perspective view of the design of FIG. 22; FIG. 24 is a front view of the design of FIG. 22; FIG. 25 is a top view of the design of FIG. 22; FIG. 26 is a bottom view of the design of FIG. 22; FIG. 27 is a left hand side view of the design of FIG. 22; and, FIG. 28 is a right hand side view of the design of FIG. 22. The broken lines in the above described FIGS. 1-28 are for illustrative purposes only and form no part of the claimed design.

1 Claim, 23 Drawing Sheets



(58) **Field of Classification Search**

USPC 429/82, 120, 176; 320/103, 107, 110,
320/120, 125
CPC H01M 2/10; H01M 10/46; H01M 10/44;
H01M 10/6556; H01M 10/50
See application file for complete search history.

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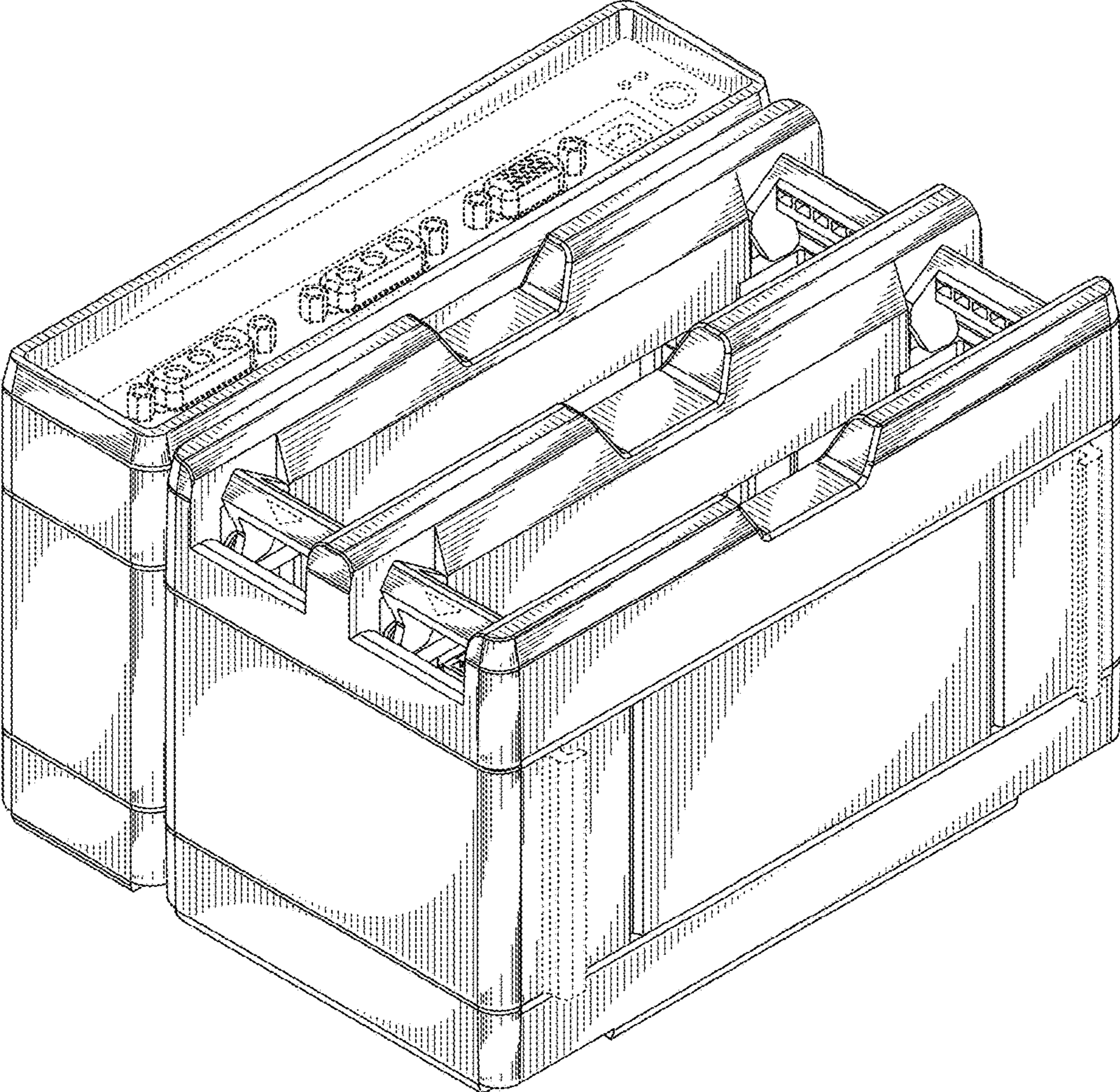


FIG. 1

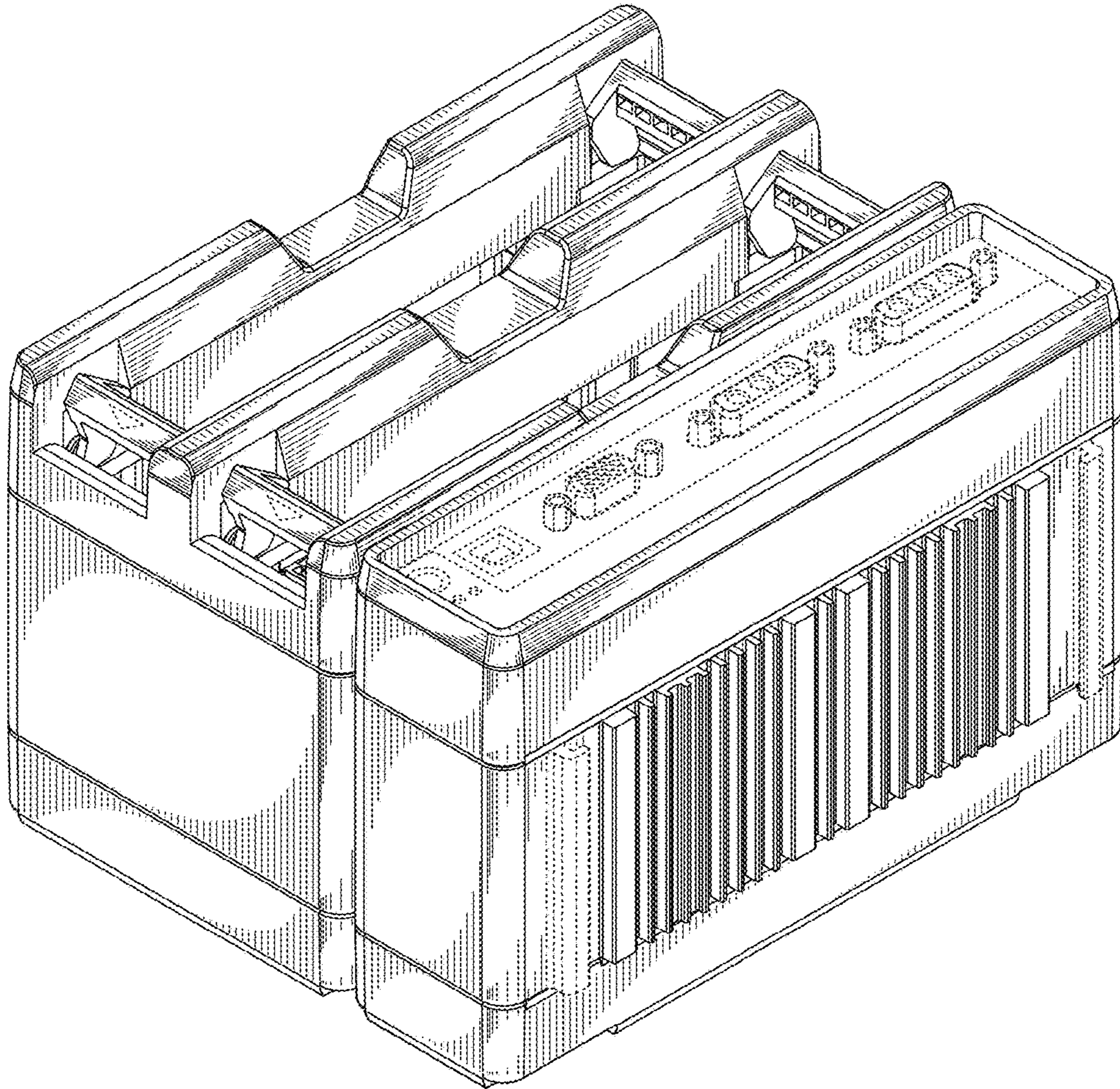


FIG. 2

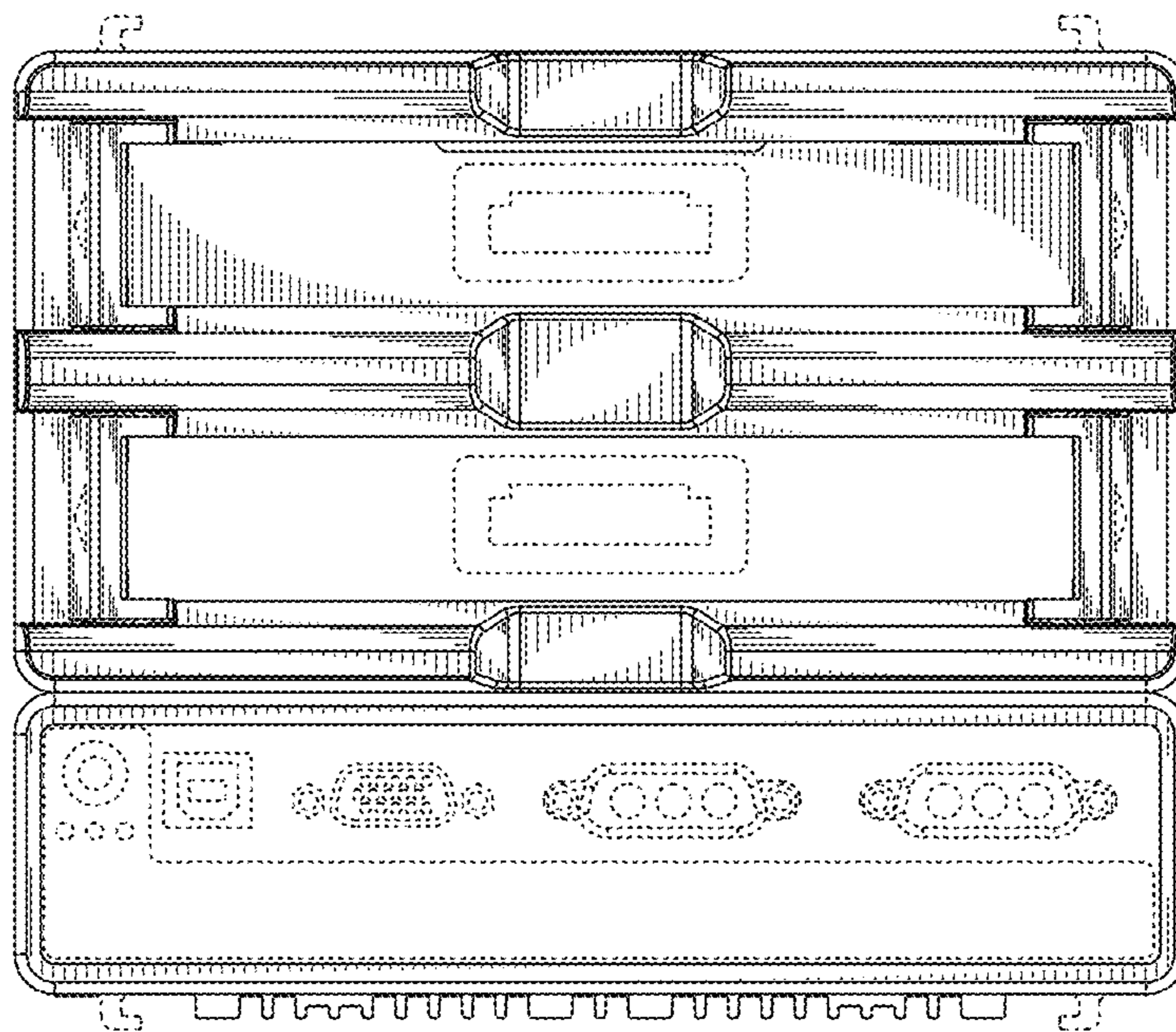


FIG. 3

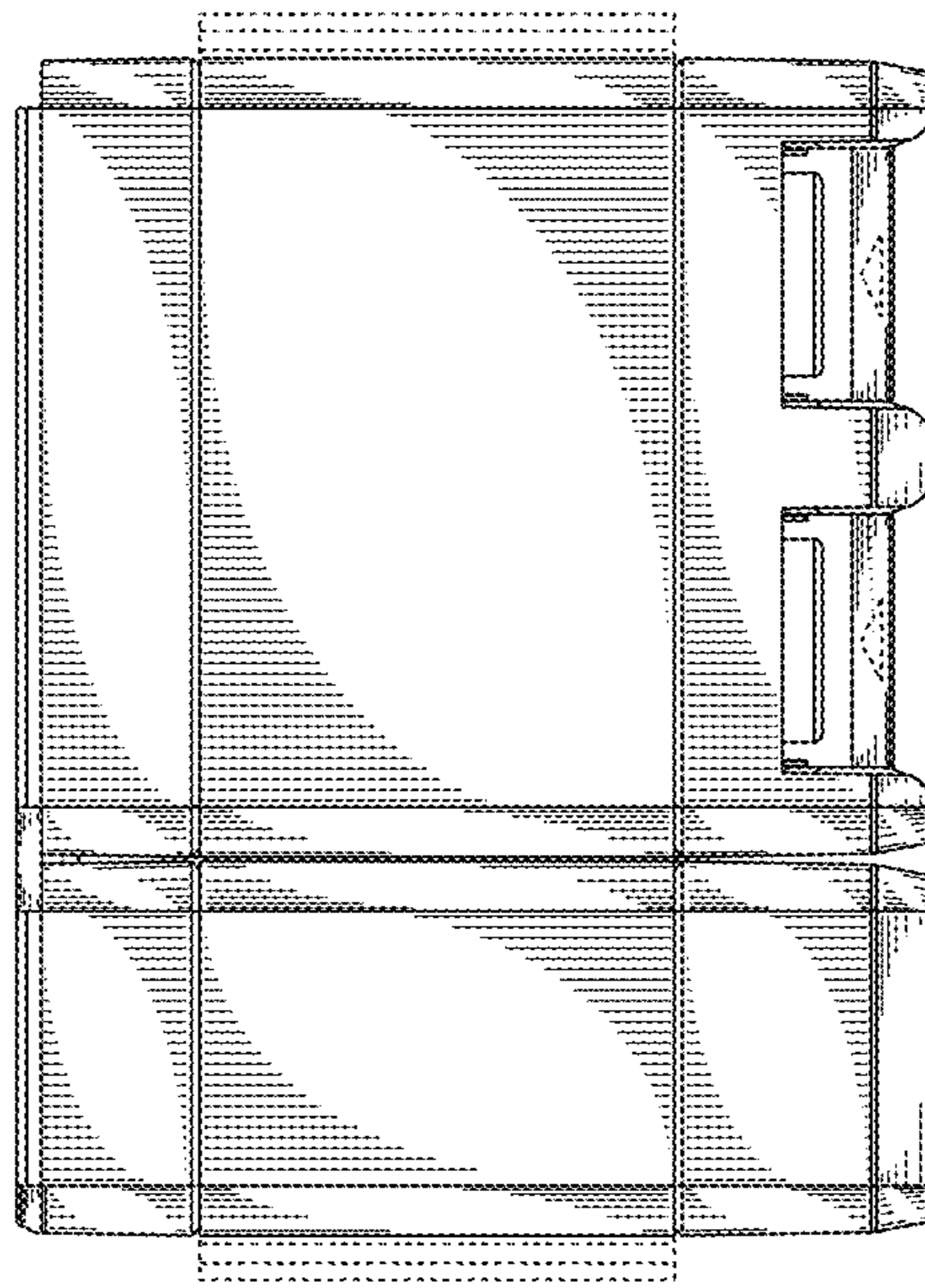


FIG. 4

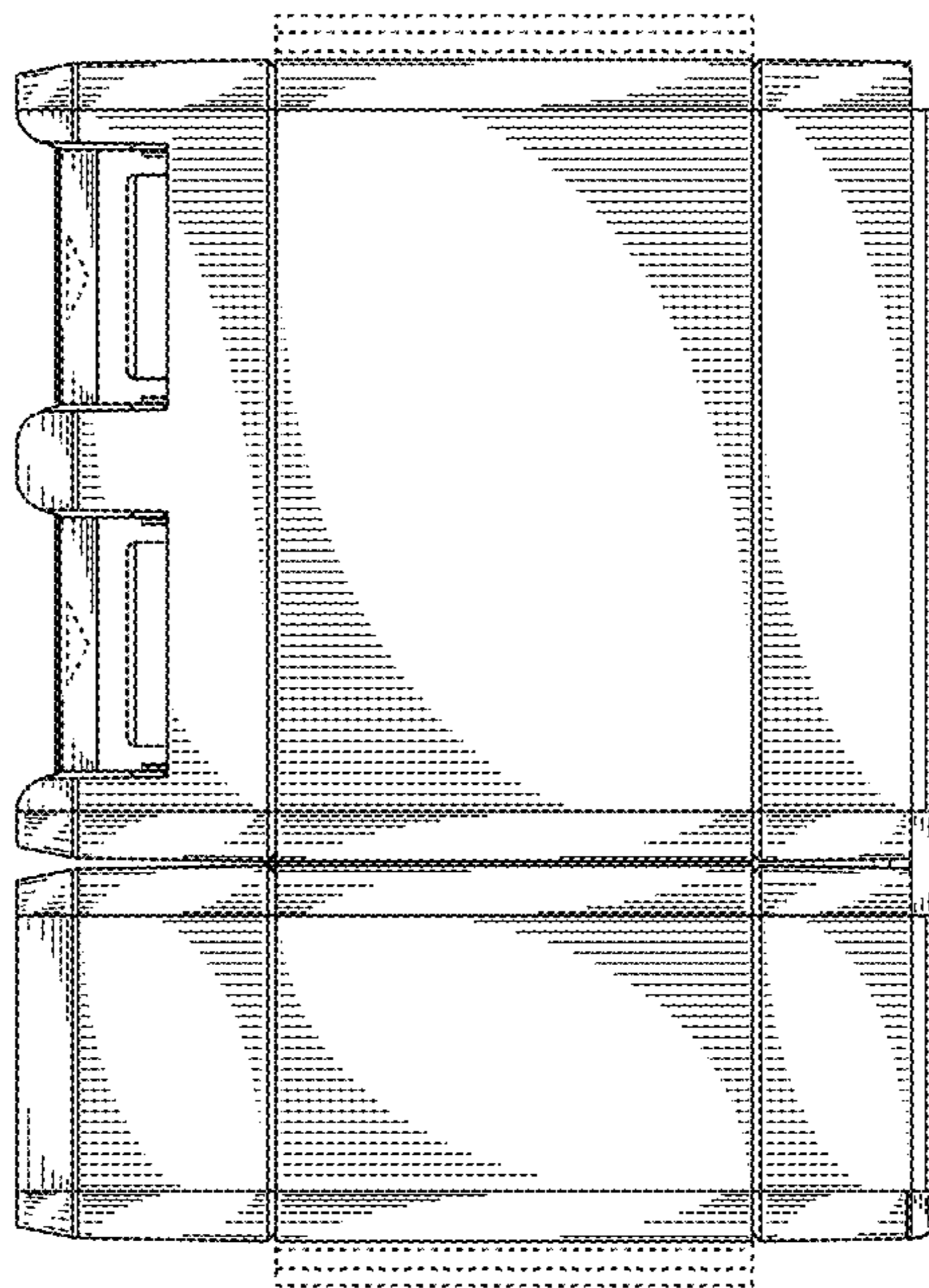


FIG. 5

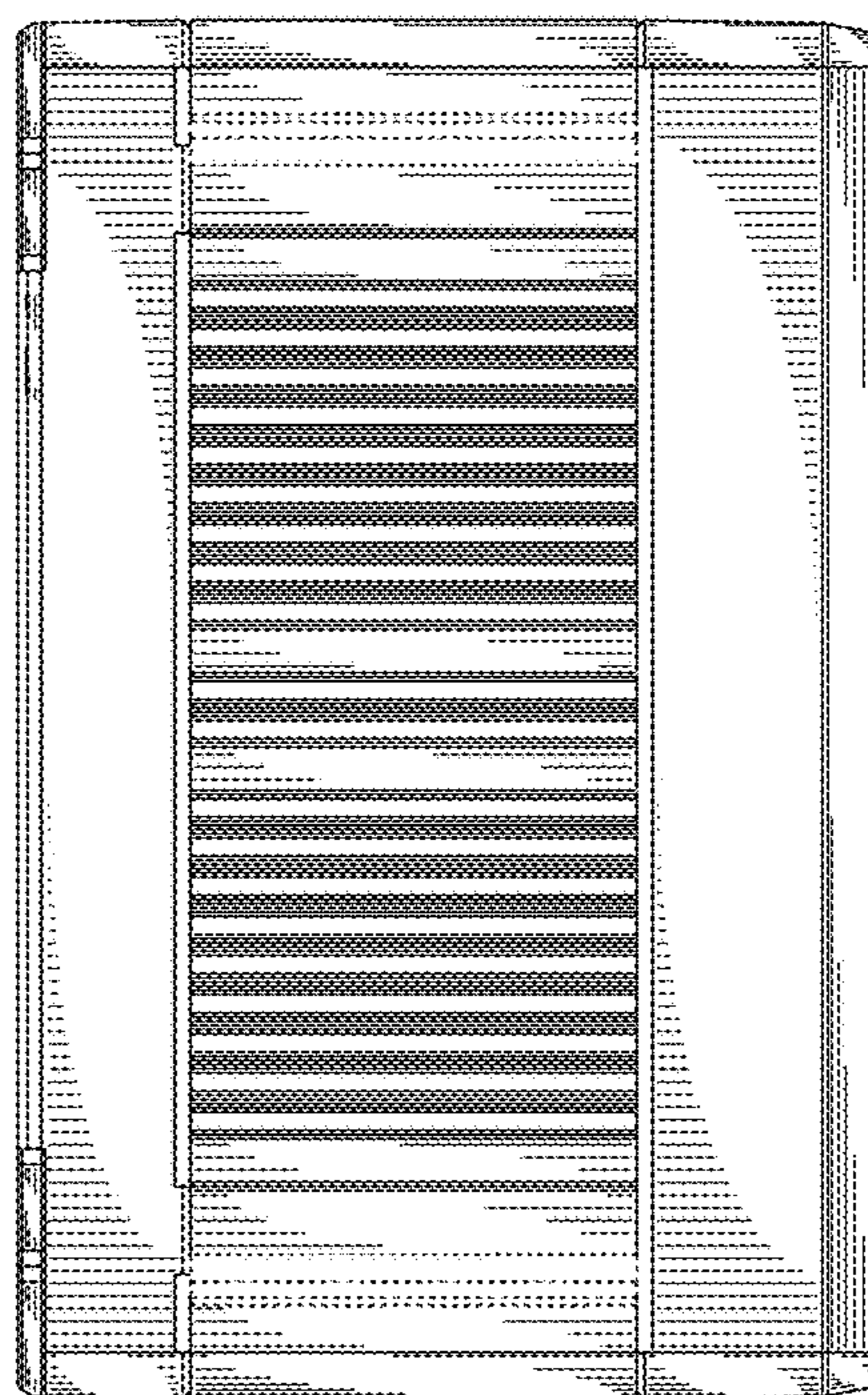


FIG. 6

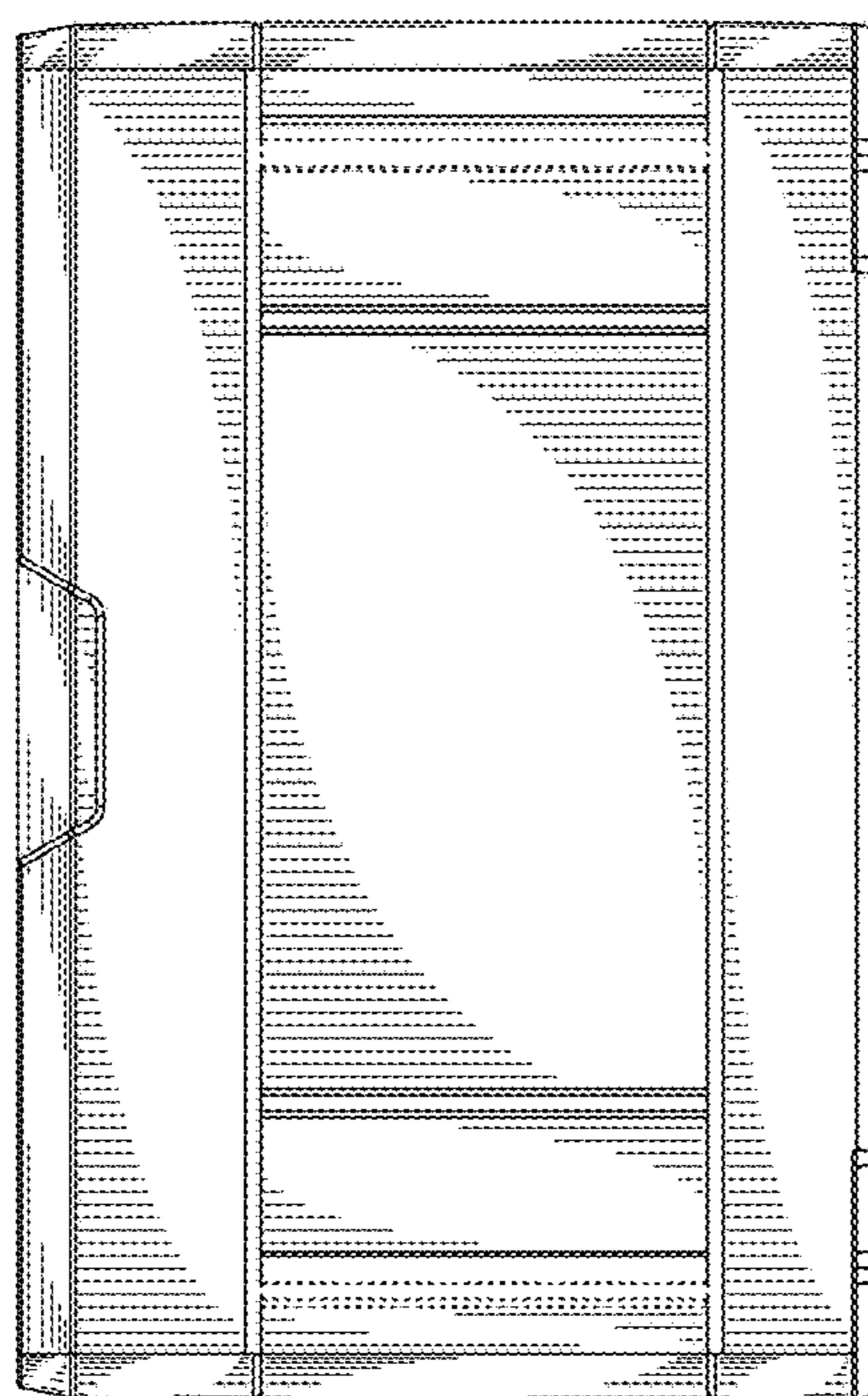


FIG. 7

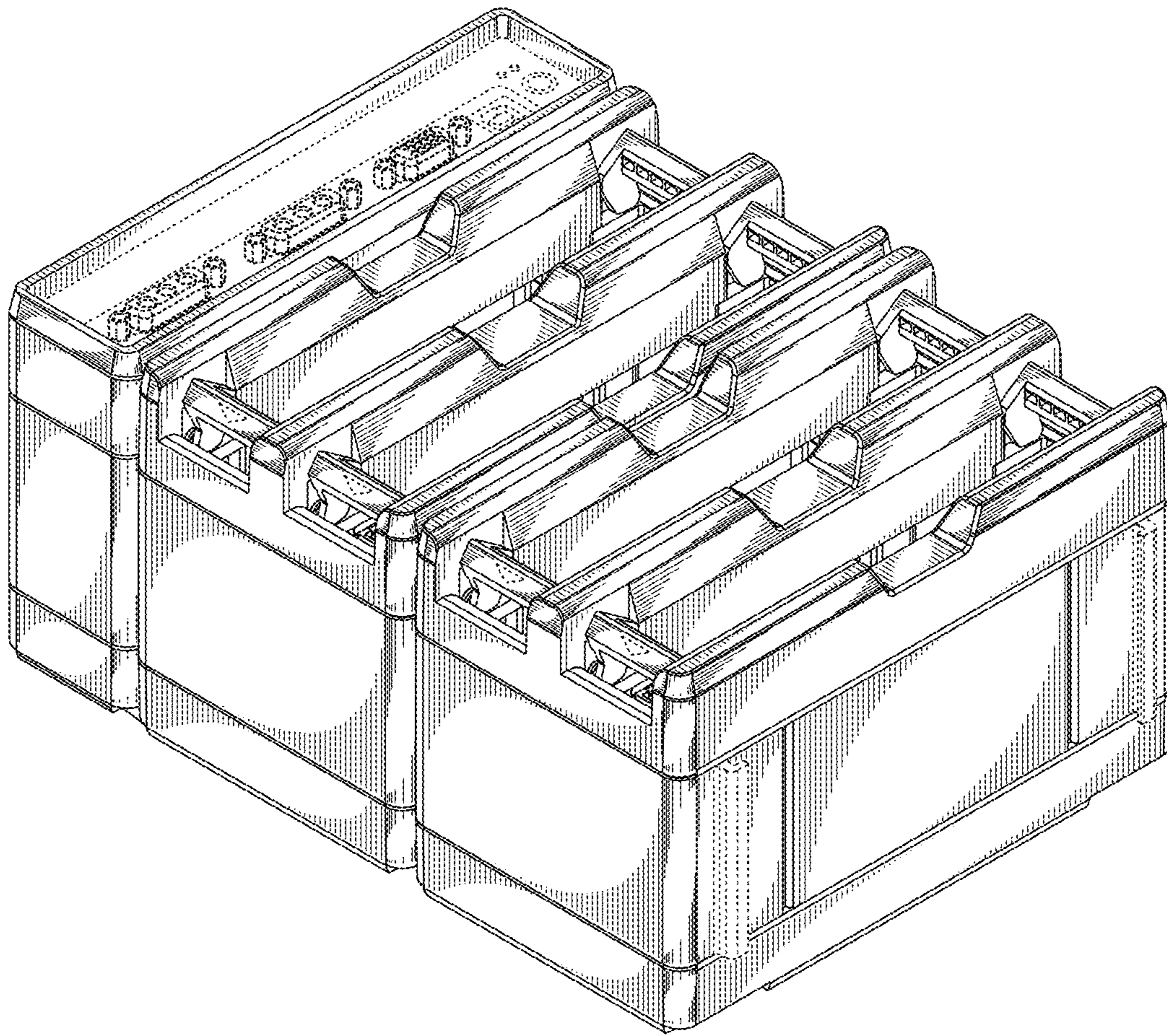


FIG. 8

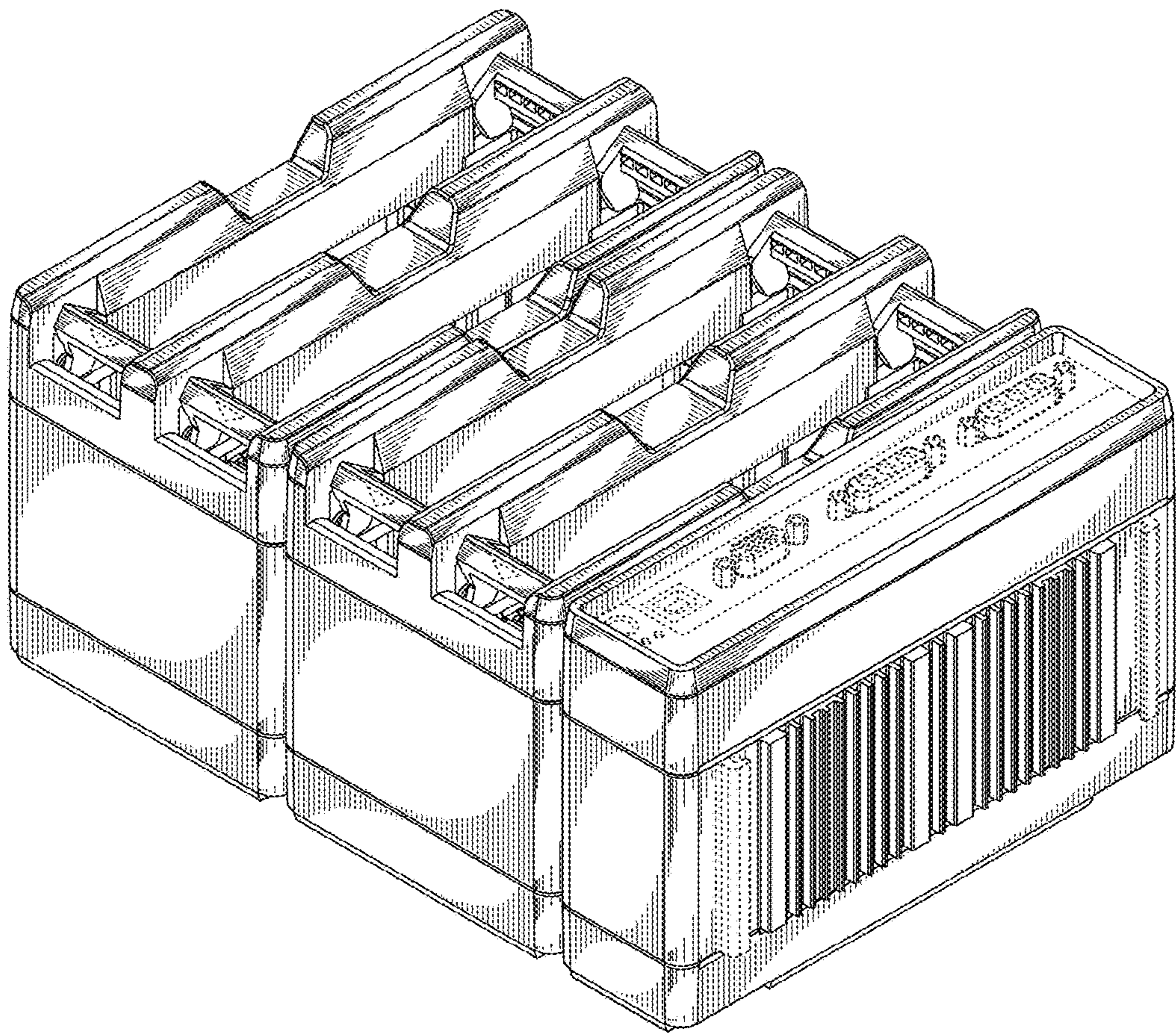


FIG. 9

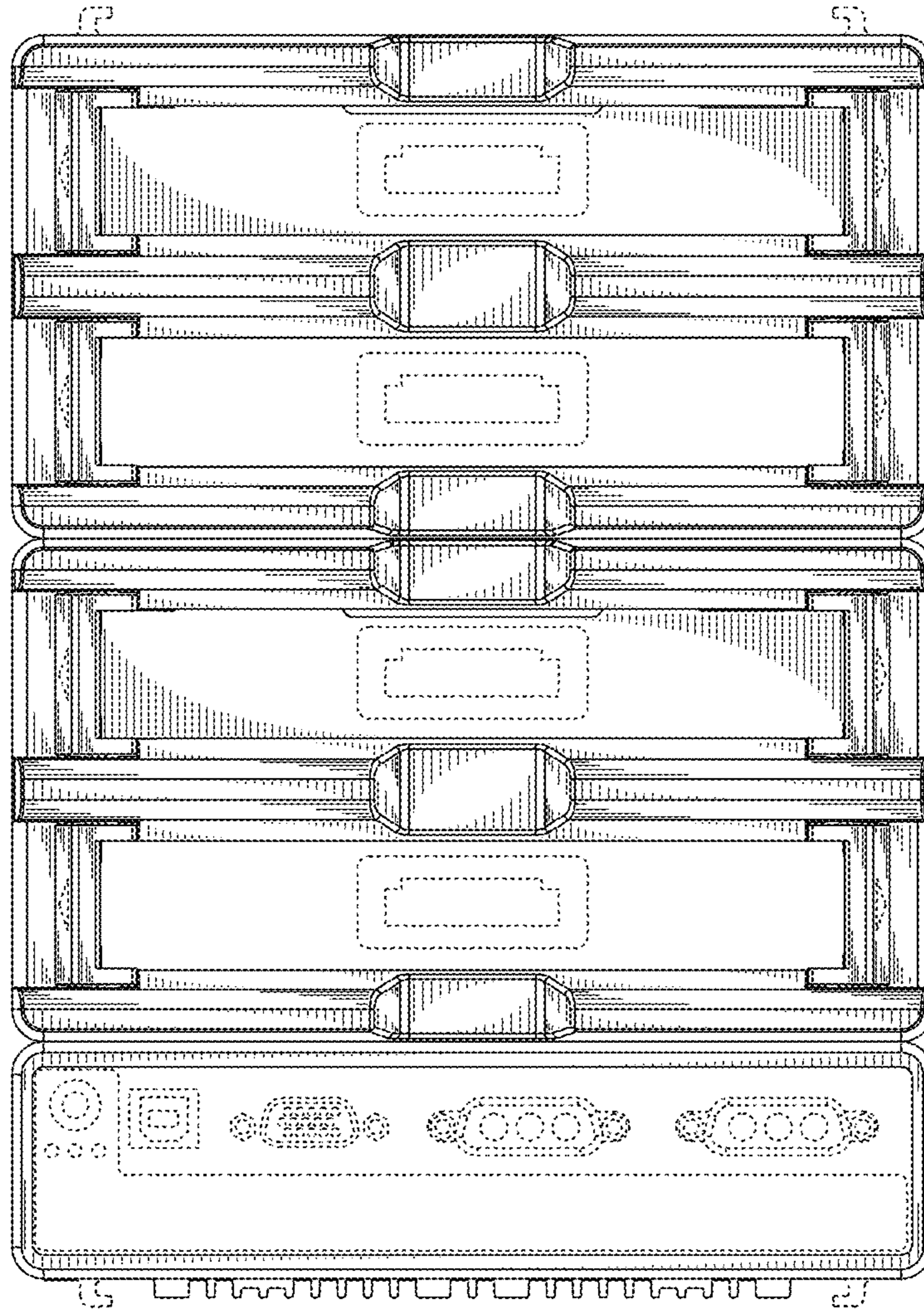


FIG. 10

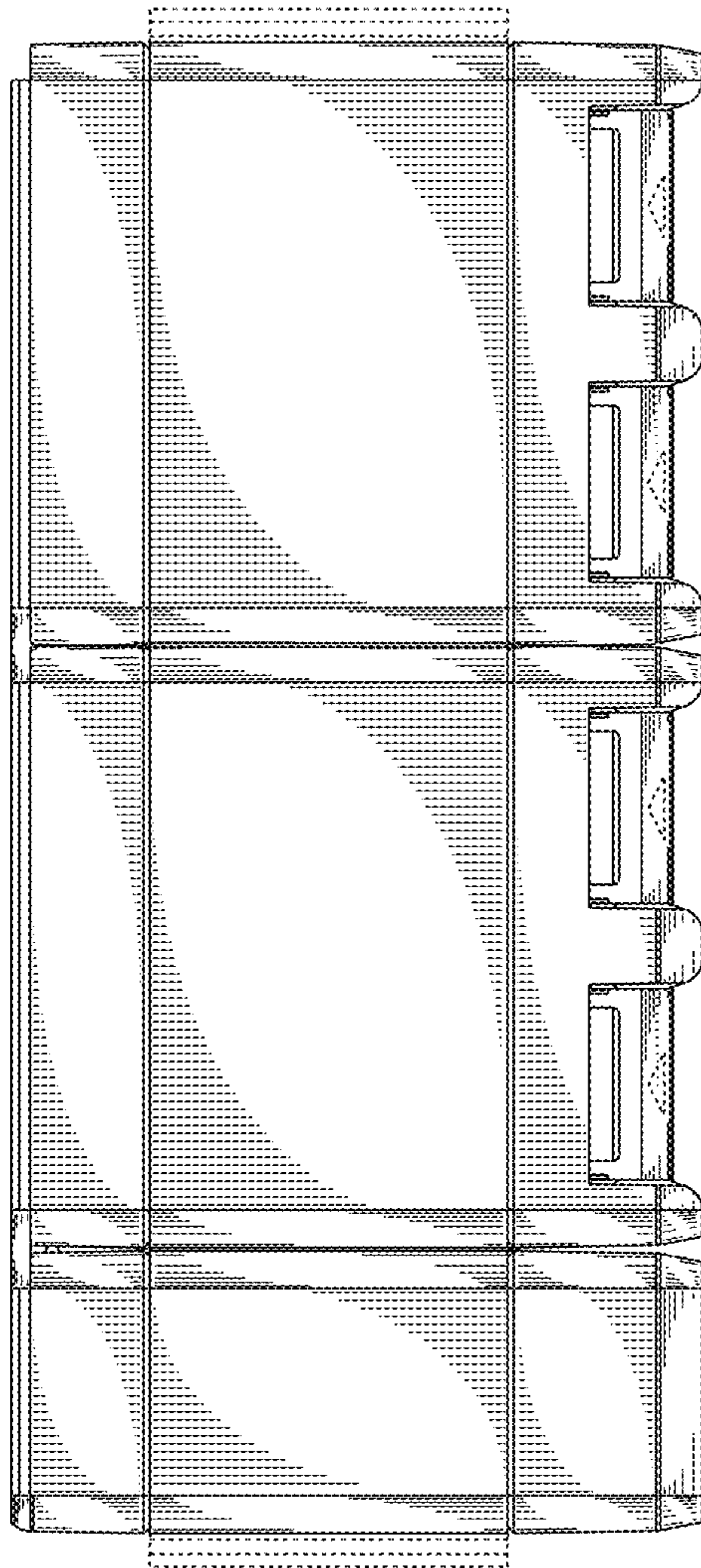


FIG. 11

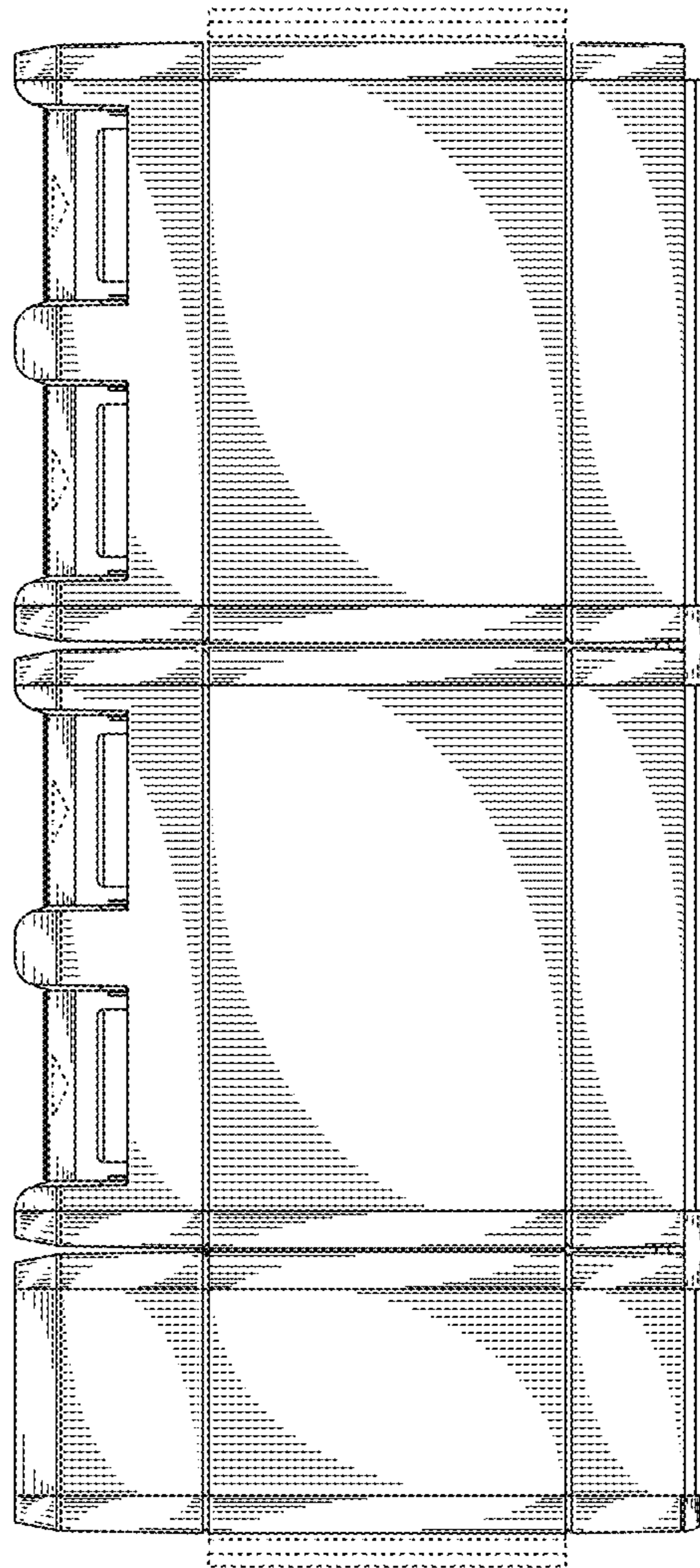


FIG. 12

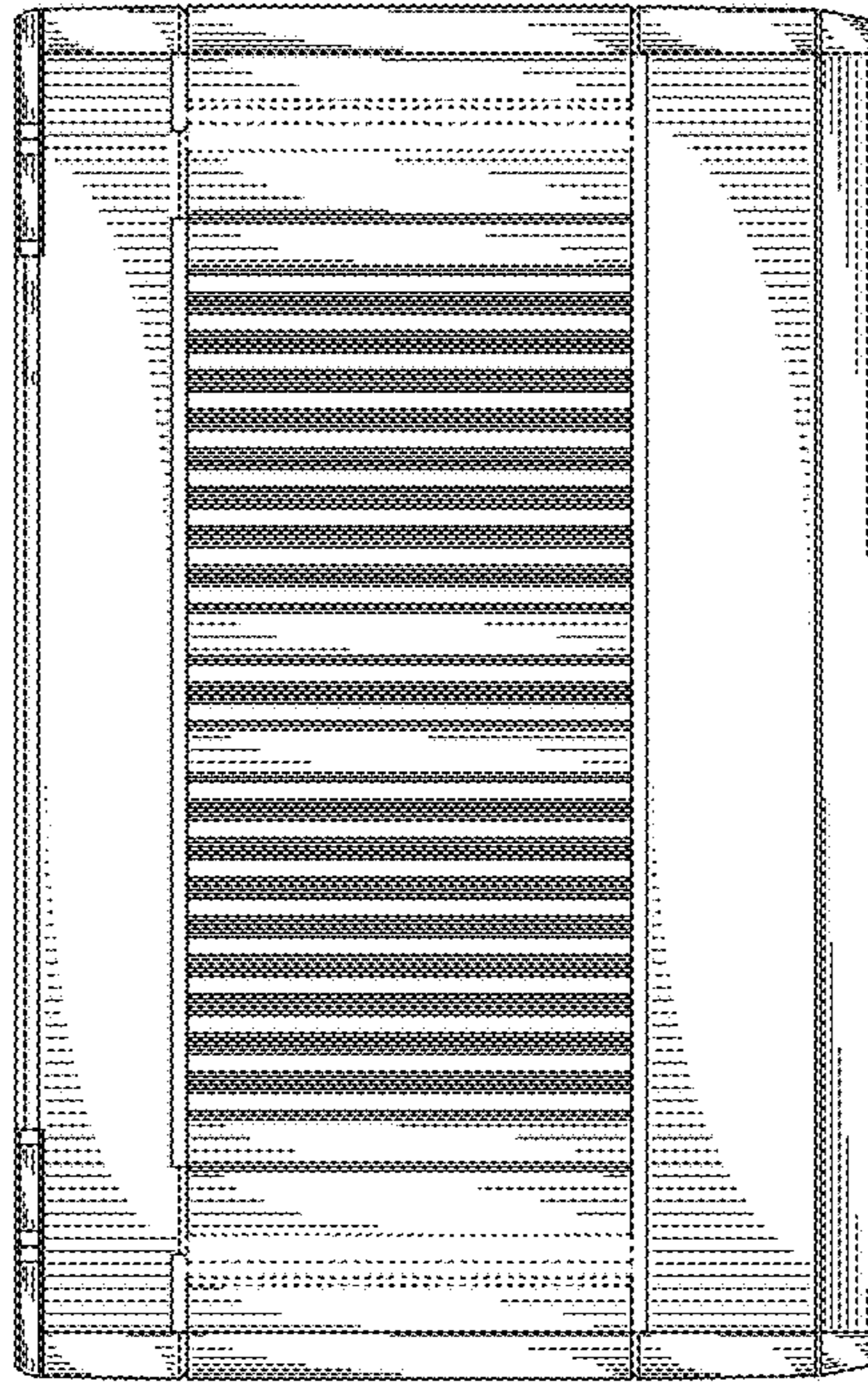


FIG. 13

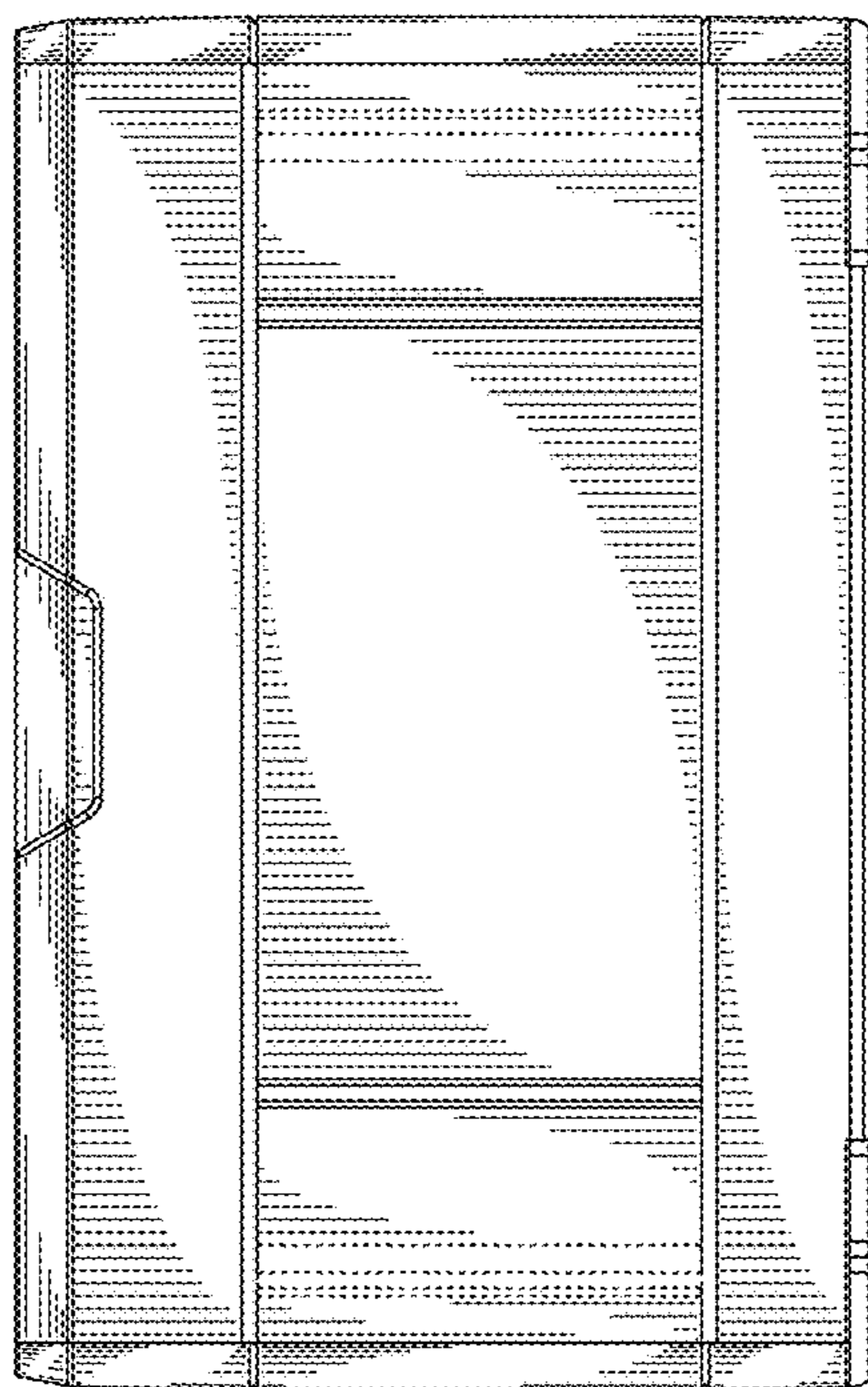


FIG. 14

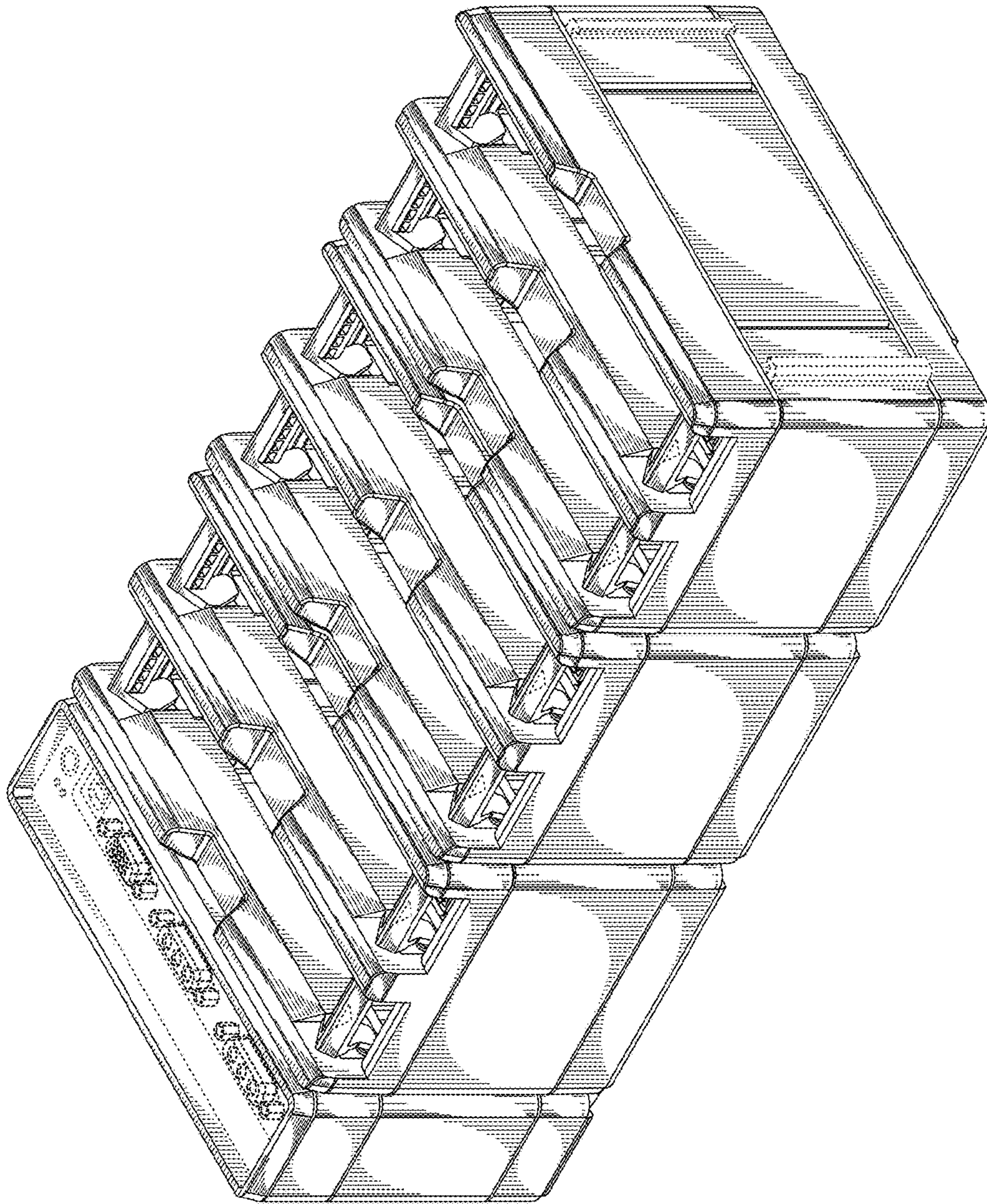


FIG. 15

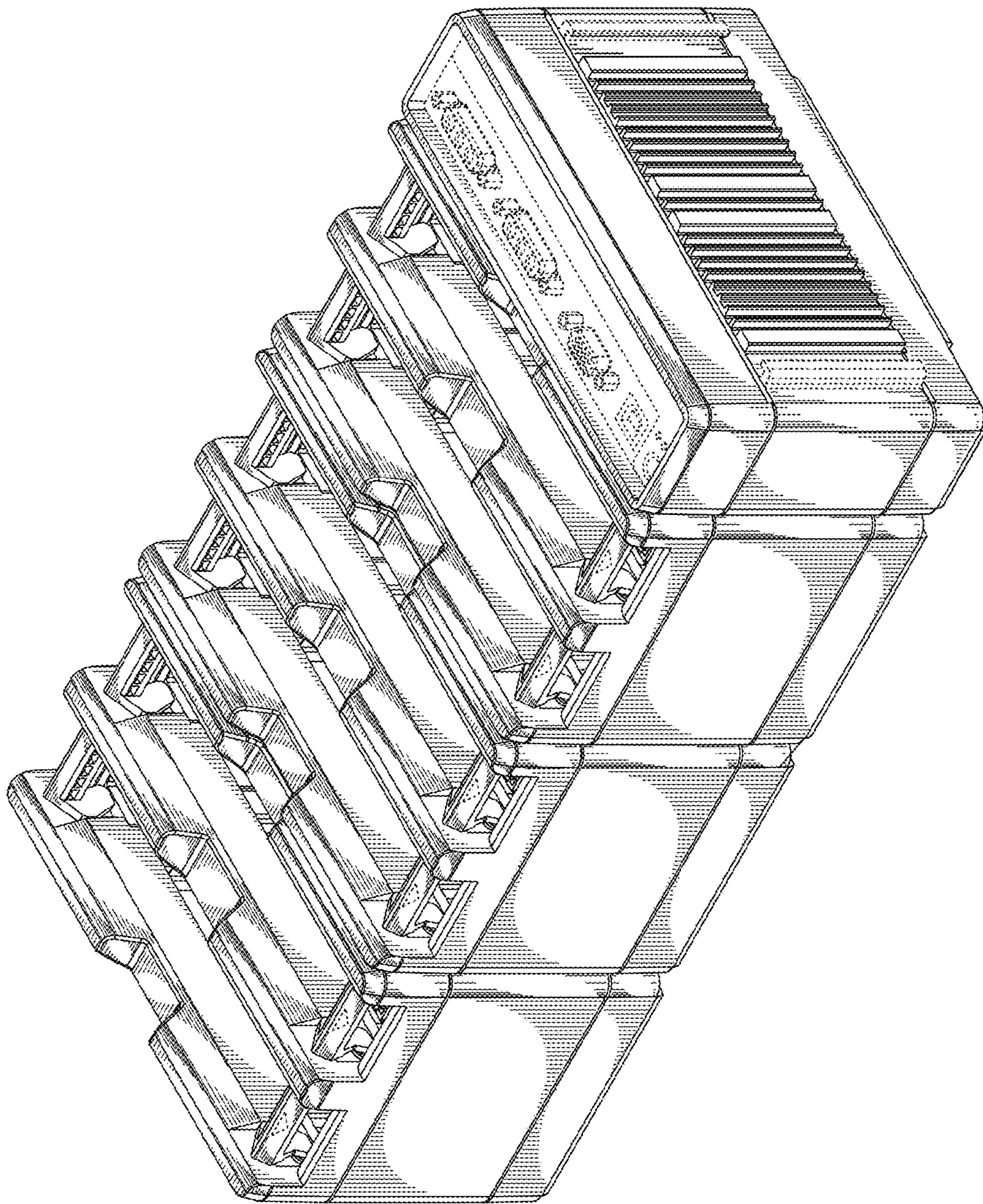


FIG. 16

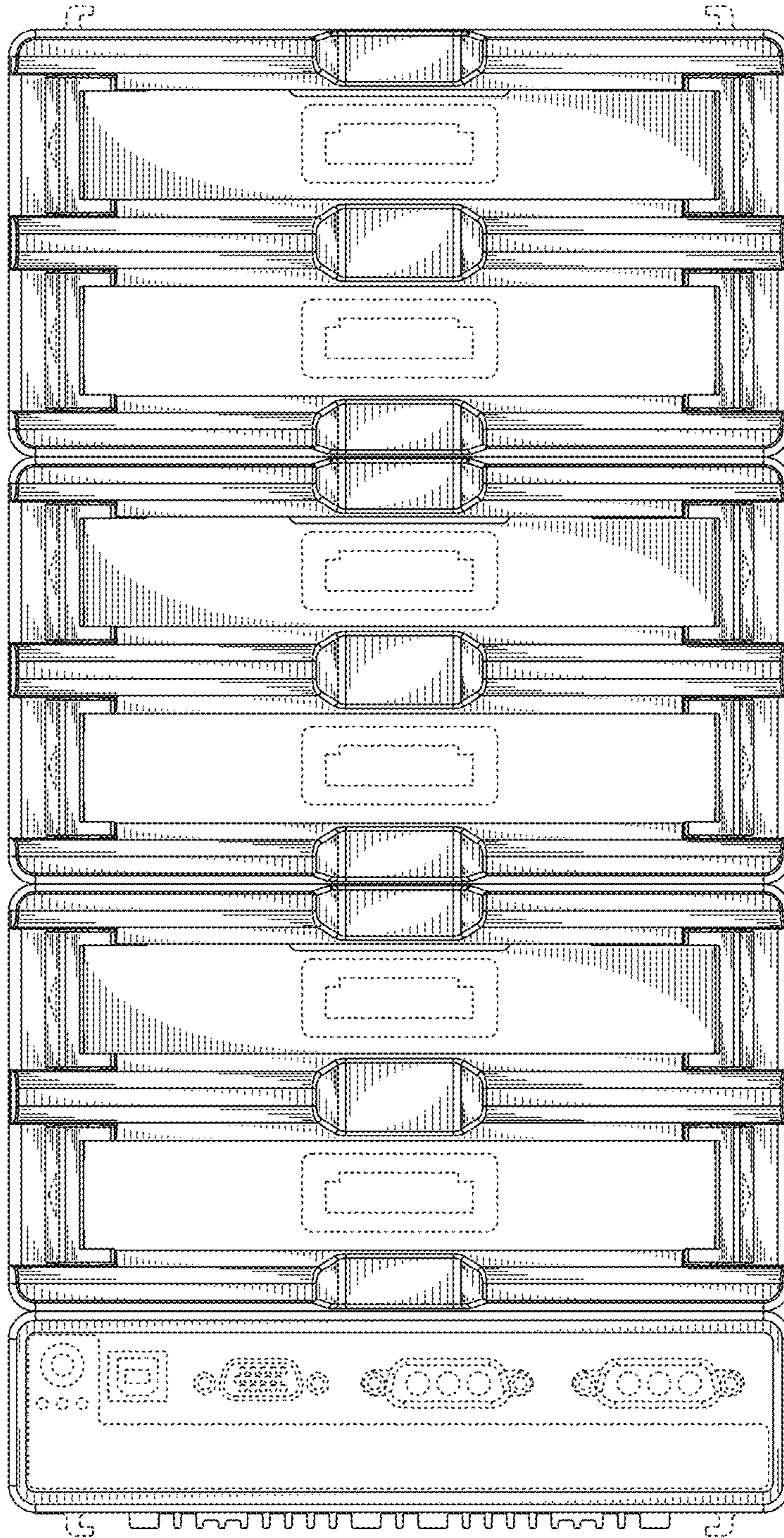


FIG. 17

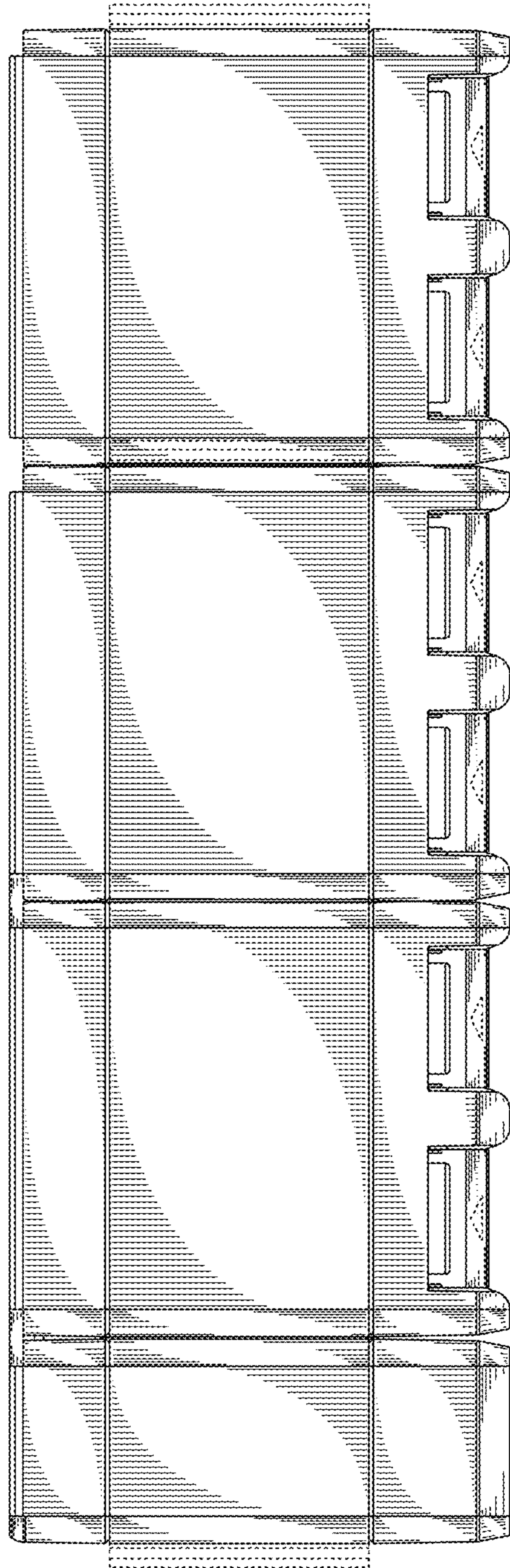


FIG. 18

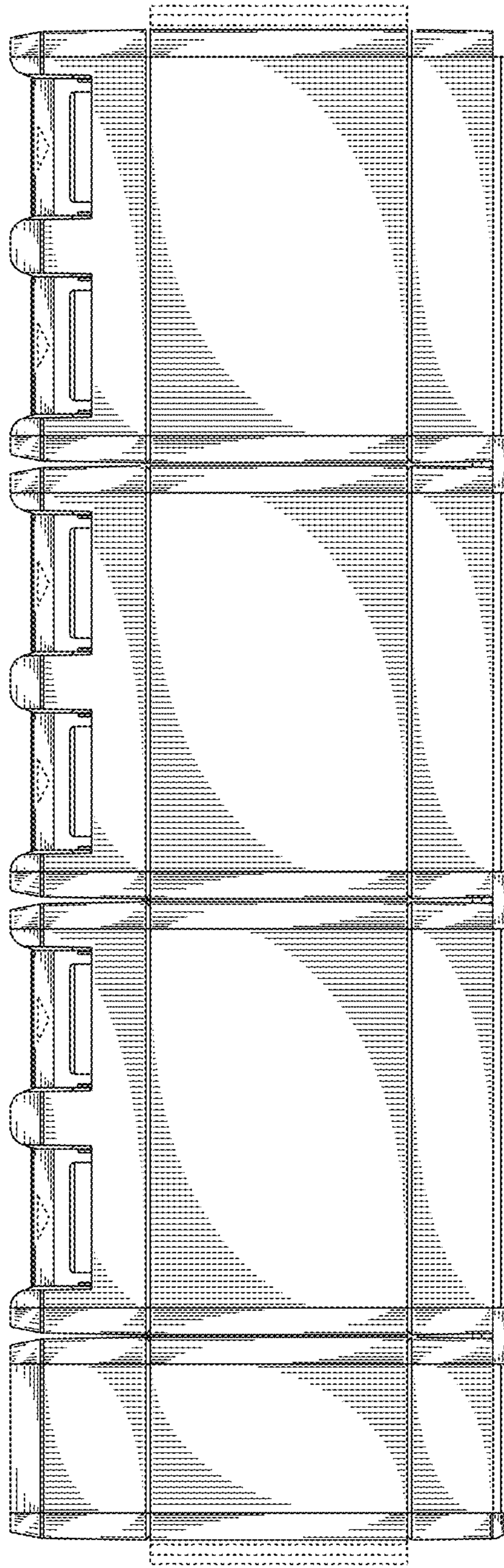


FIG. 19

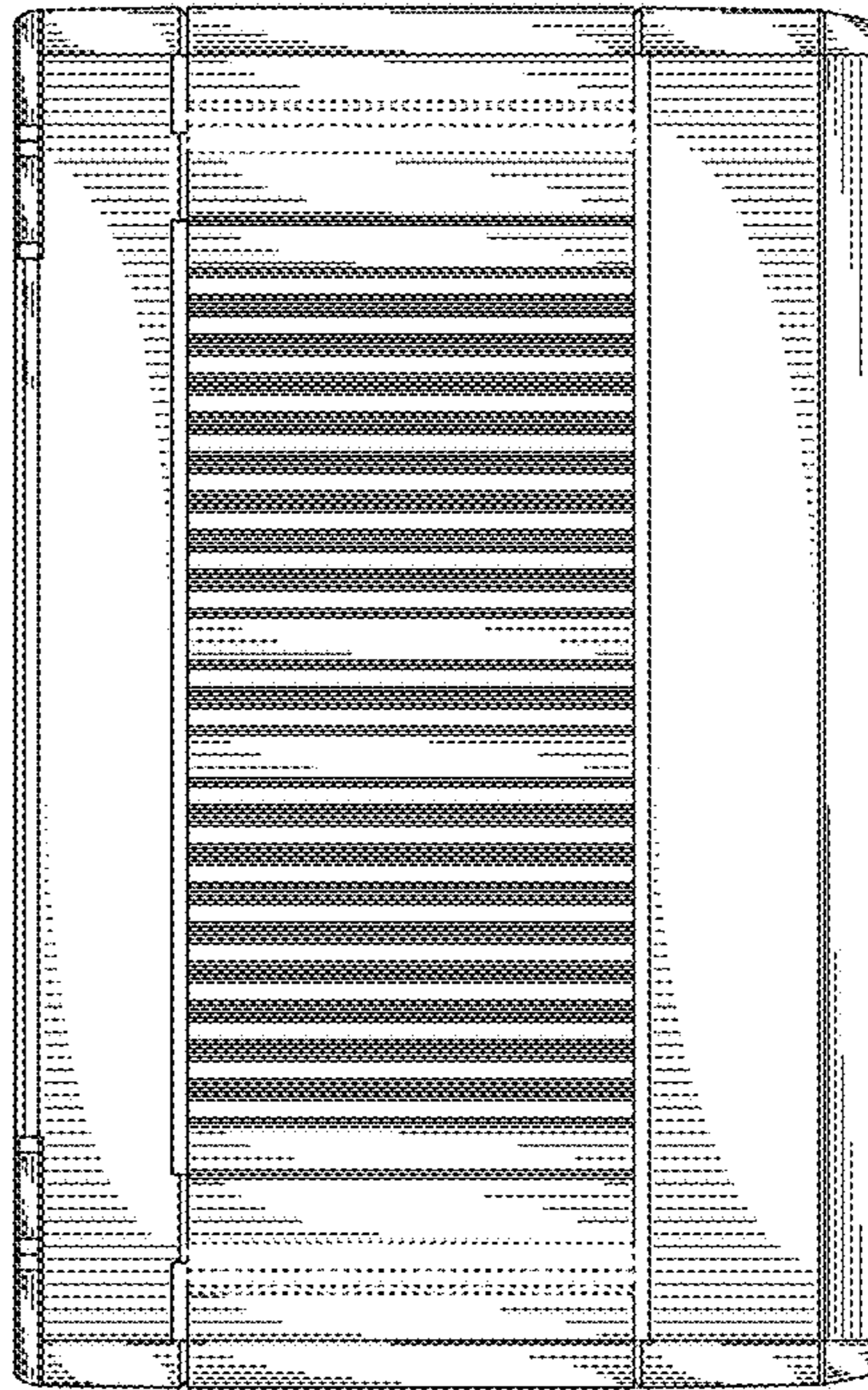


FIG. 20

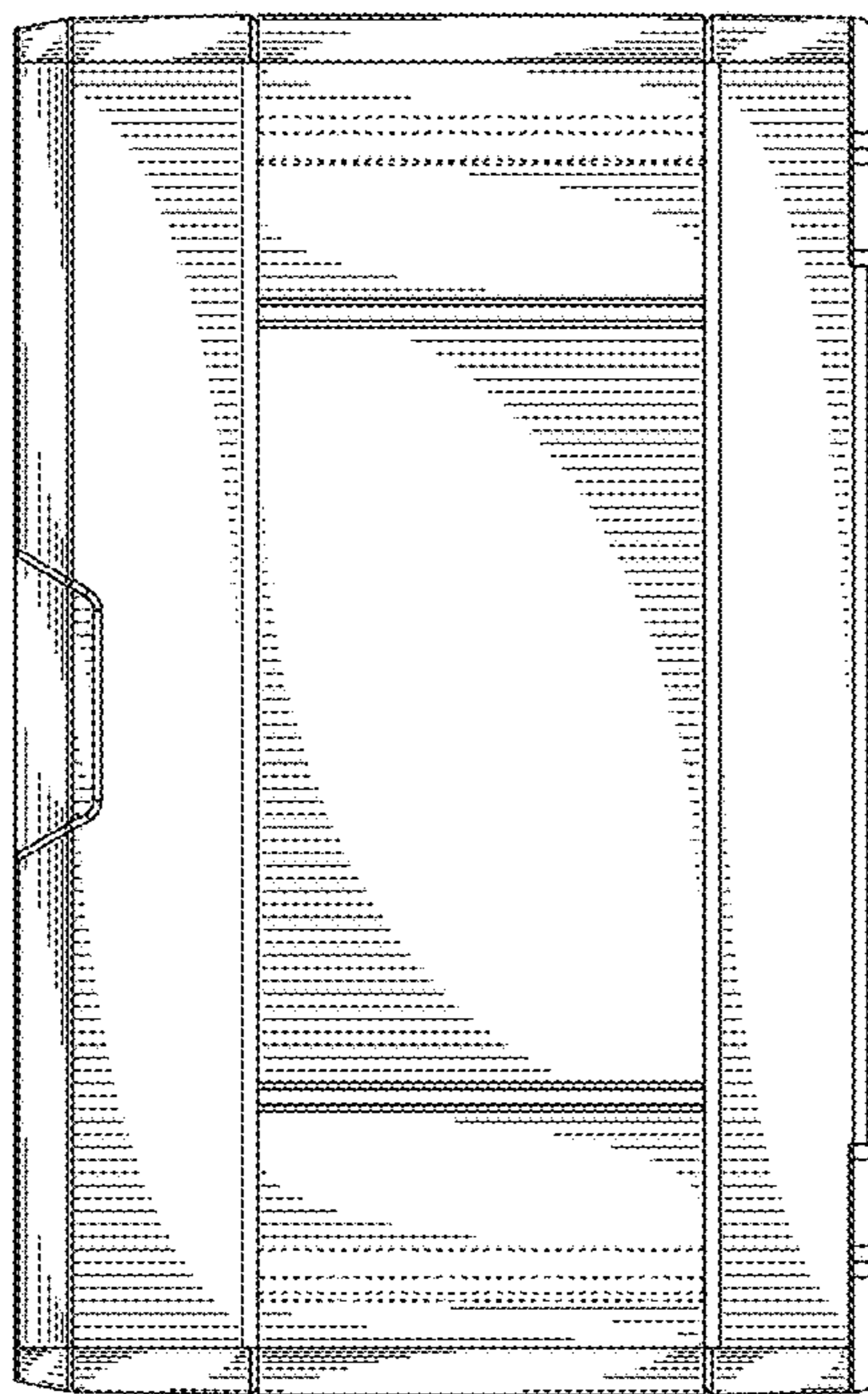


FIG. 21

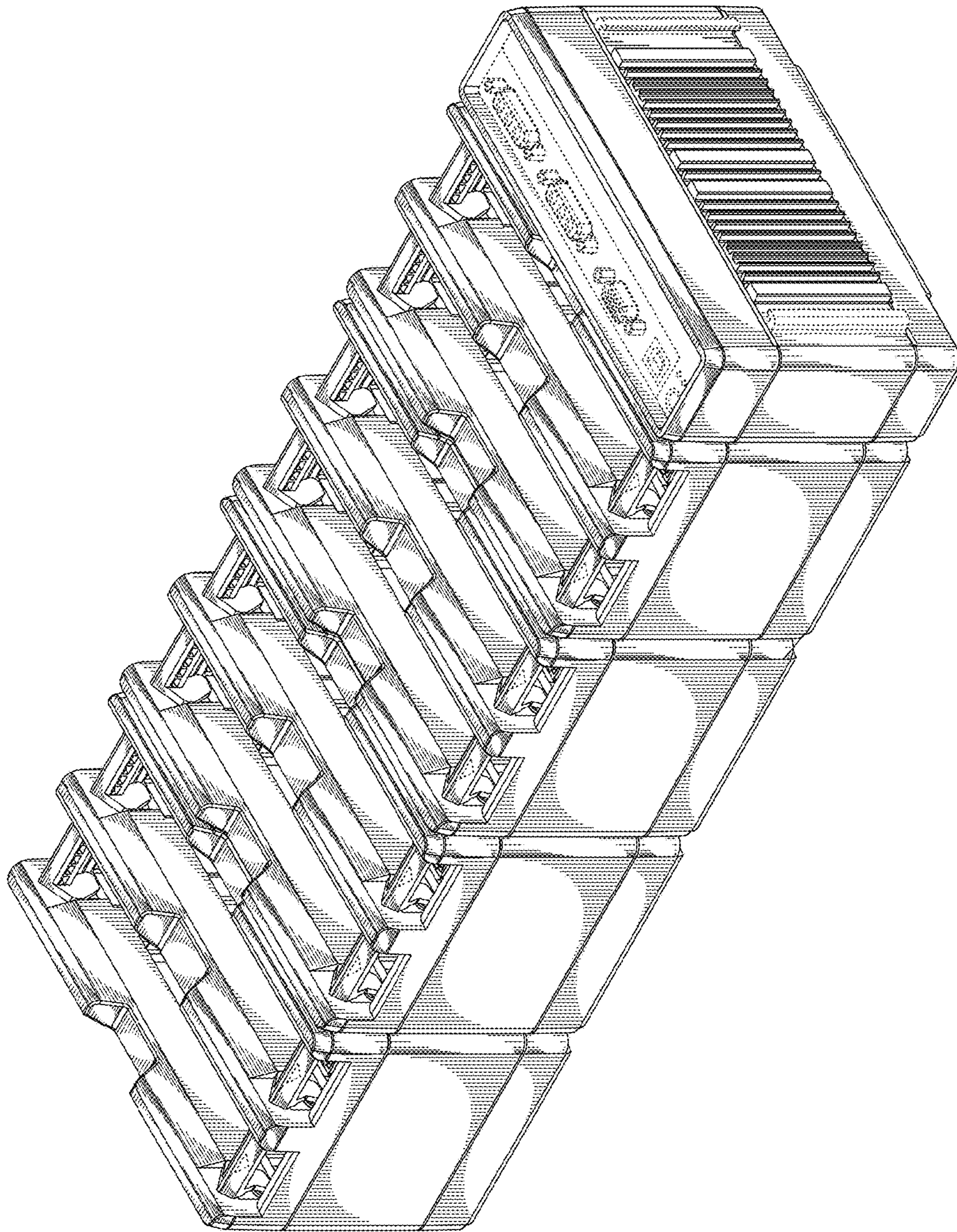


FIG. 22

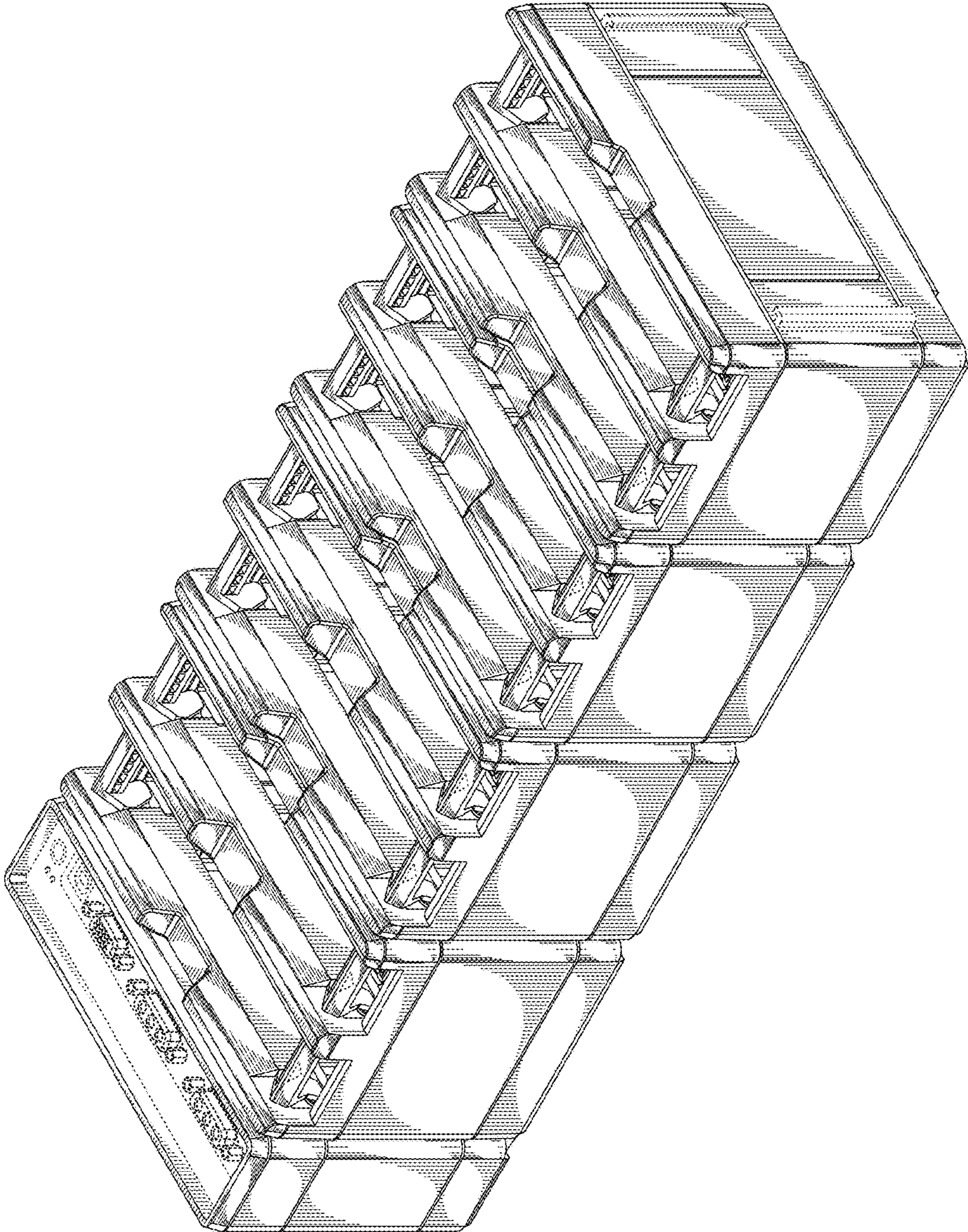


FIG. 23

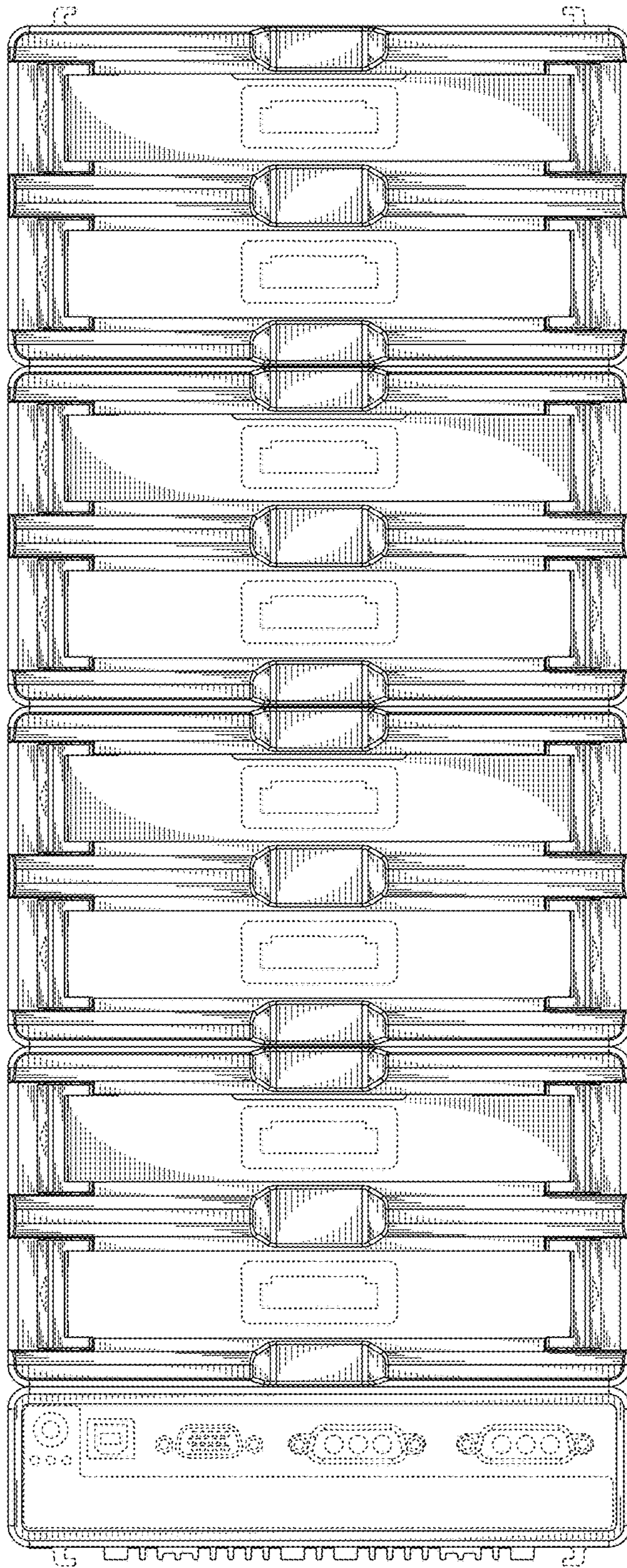


FIG. 24

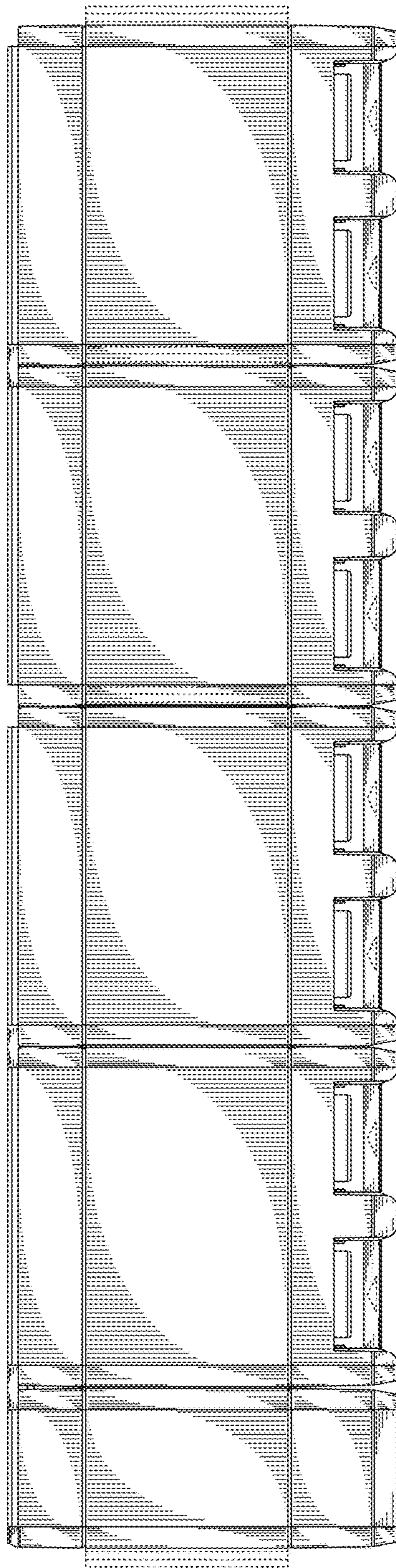


FIG. 25

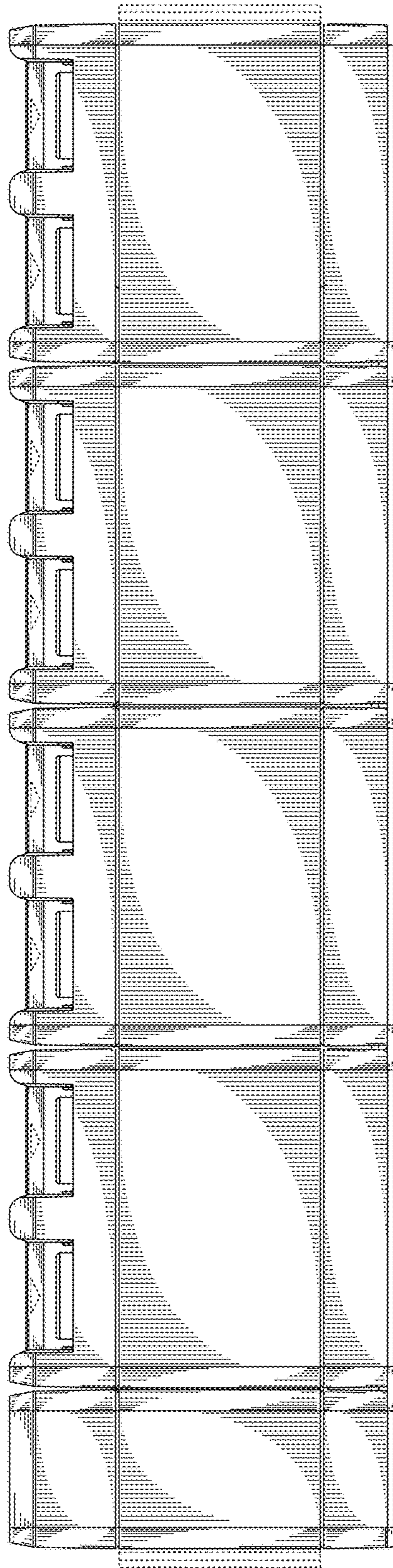


FIG. 26

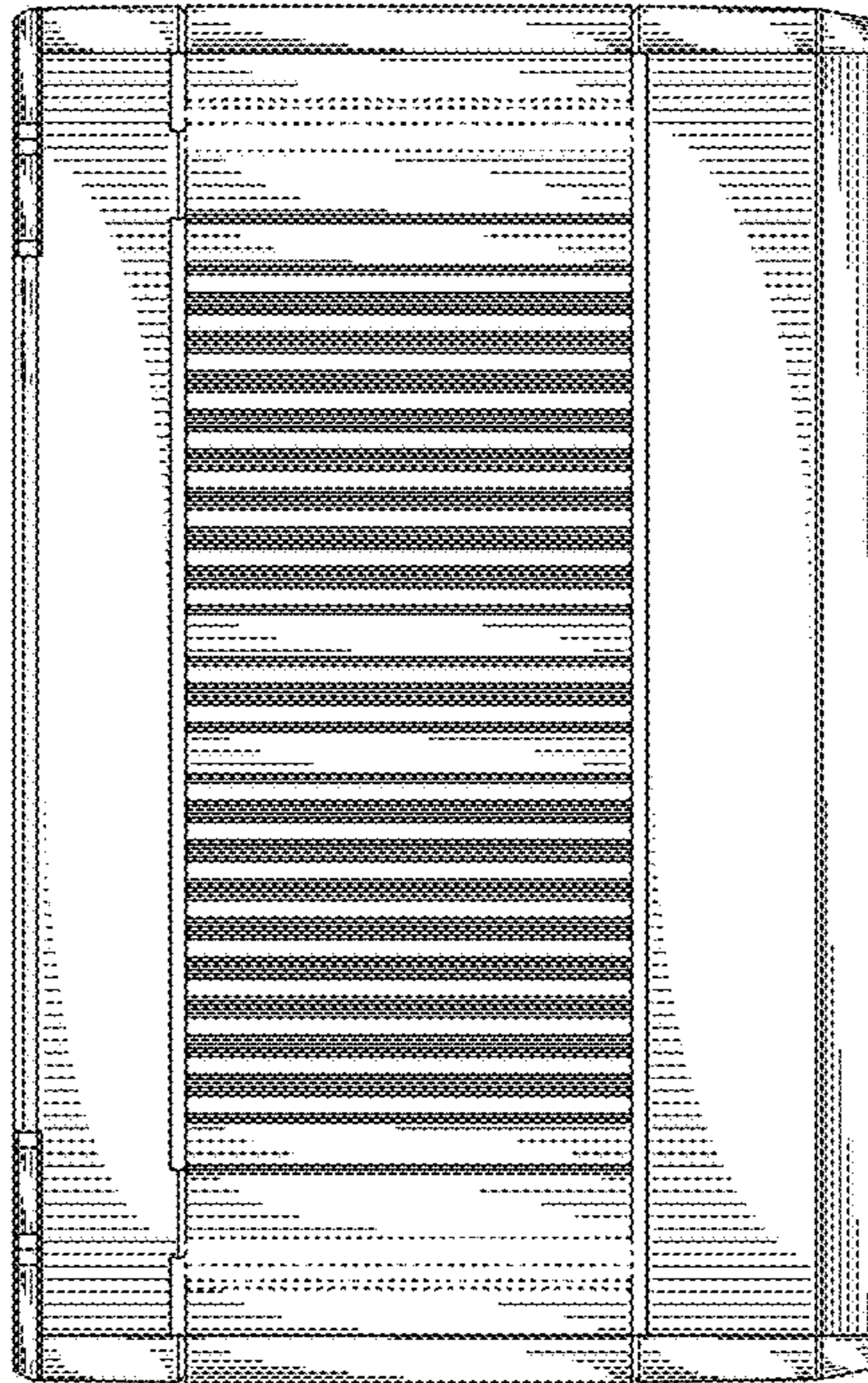


FIG. 27

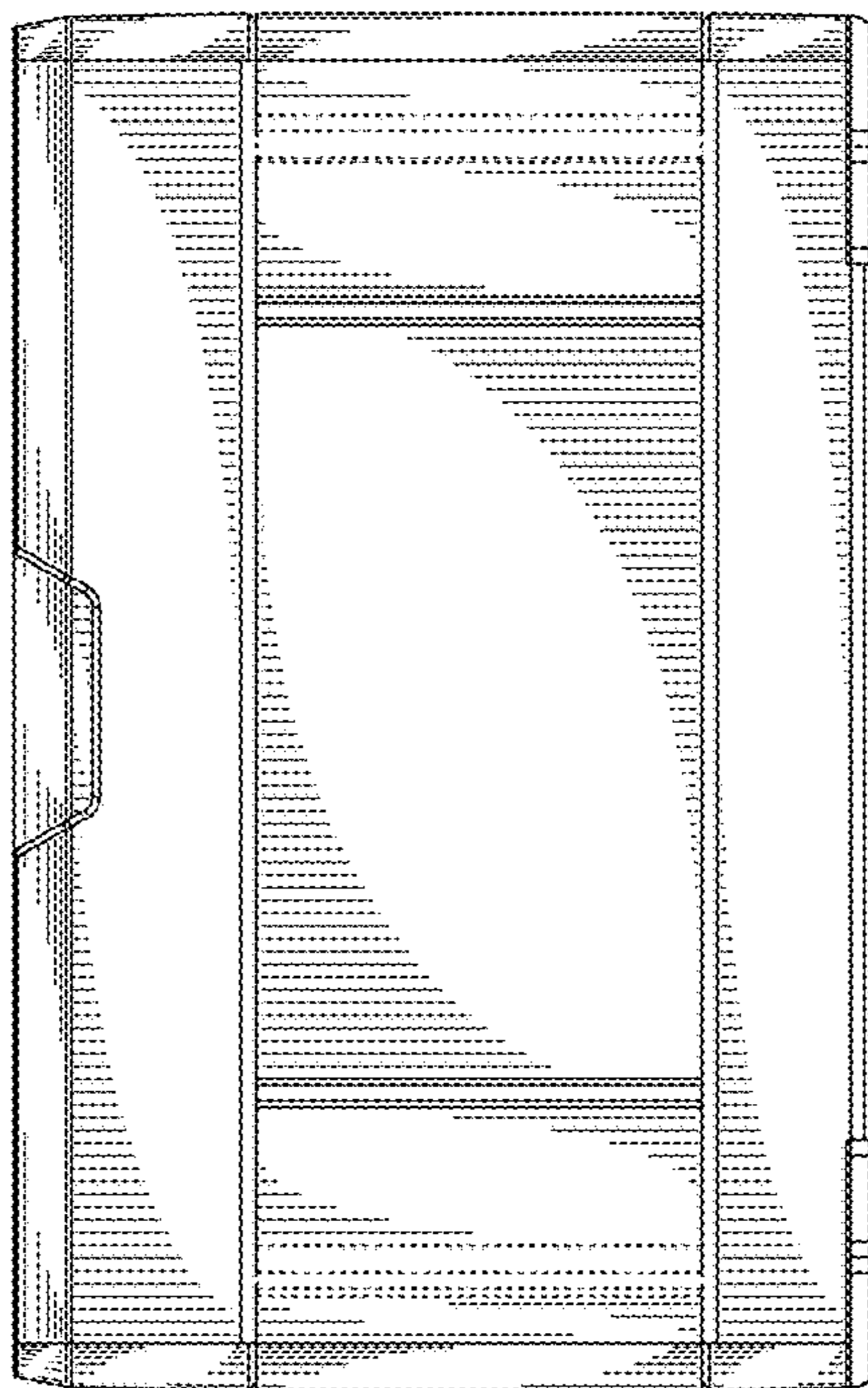


FIG. 28