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(12)

United States Design Patent

Johnston et al.

(10)

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(45)

Date of Patent:

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(54) COMBINED RACK AND CARTRIDGE ASSEMBLY

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(73) Assignee: Global Life Sciences Solutions Operations UK Limited, Sheffield (GB)

(**) Term: 15 Years

(21) Appl. No.: 29/870,183

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(30) Foreign Application Priority Data

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Jul. 19, 2022	(GB)	6220363

(51) LOC (15) Cl. 24-02

(52) U.S. Cl. USPC D24/230

(58) Field of Classification Search USPC D24/103, 104, 121, 216, 217, 219, 223, D24/108, 127–130, 222, 224–232; (Continued)

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(57) CLAIM

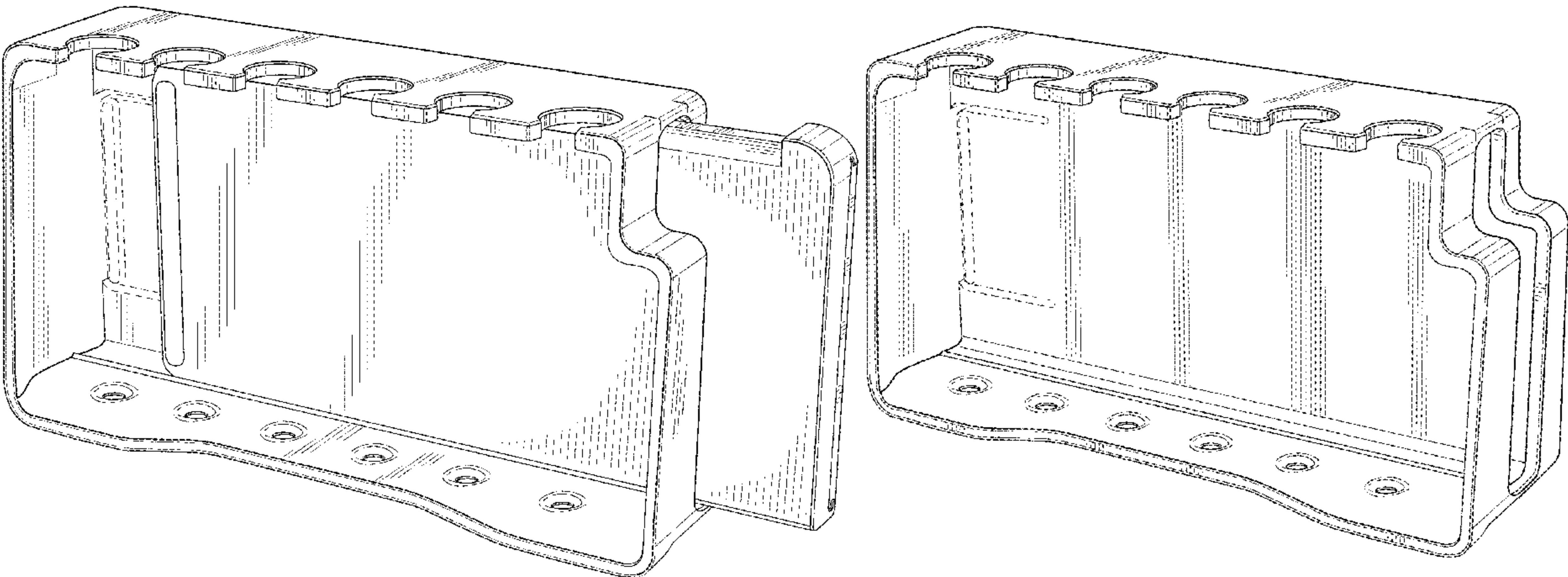
The ornamental design for a combined rack and cartridge assembly, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view showing the new design;
FIG. 2 is a rear view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a top view thereof;
FIG. 5 is a bottom view thereof;
FIG. 6 is a left side view thereof;
FIG. 7 is a right view thereof;
FIG. 8 is a perspective of the rack of the new design;
FIG. 9 is a rear view thereof;
FIG. 10 is a front view thereof;
FIG. 11 is a top view thereof;
FIG. 12 is a bottom view thereof;
FIG. 13 is a left side view thereof;
FIG. 14 is a right view thereof;
FIG. 15 is a perspective of the cartridge of the new design;
FIG. 16 is a rear view thereof;
FIG. 17 is a front view thereof;
FIG. 18 is a top view thereof;
FIG. 19 is a bottom view thereof;
FIG. 20 is a left side view thereof; and,
FIG. 21 is a right view thereof.

The broken lines shown in the drawing views depict portions of the combined rack and cartridge assembly that form no part of the claimed design. The dash-dot line in FIGS. 2 and 9 represents a boundary within which no depicted features form a part of the claimed design.

1 Claim, 21 Drawing Sheets



(58) **Field of Classification Search**

USPC D10/81; D9/756–760, 415, 418, 424,
D9/431, 432, 456; D3/203.1–203.3,
D3/203.7, 203.8; D23/202
CPC B01L 9/06; B01L 9/65; B01L 9/00; B01L
3/5025; B01L 3/508; B01L 3/5082; B01L
9/543; B01L 2200/025; B01L 3/50853;
B01L 9/065; G01N 2035/103; G01N
2035/0427

See application file for complete search history.

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FIG. 1

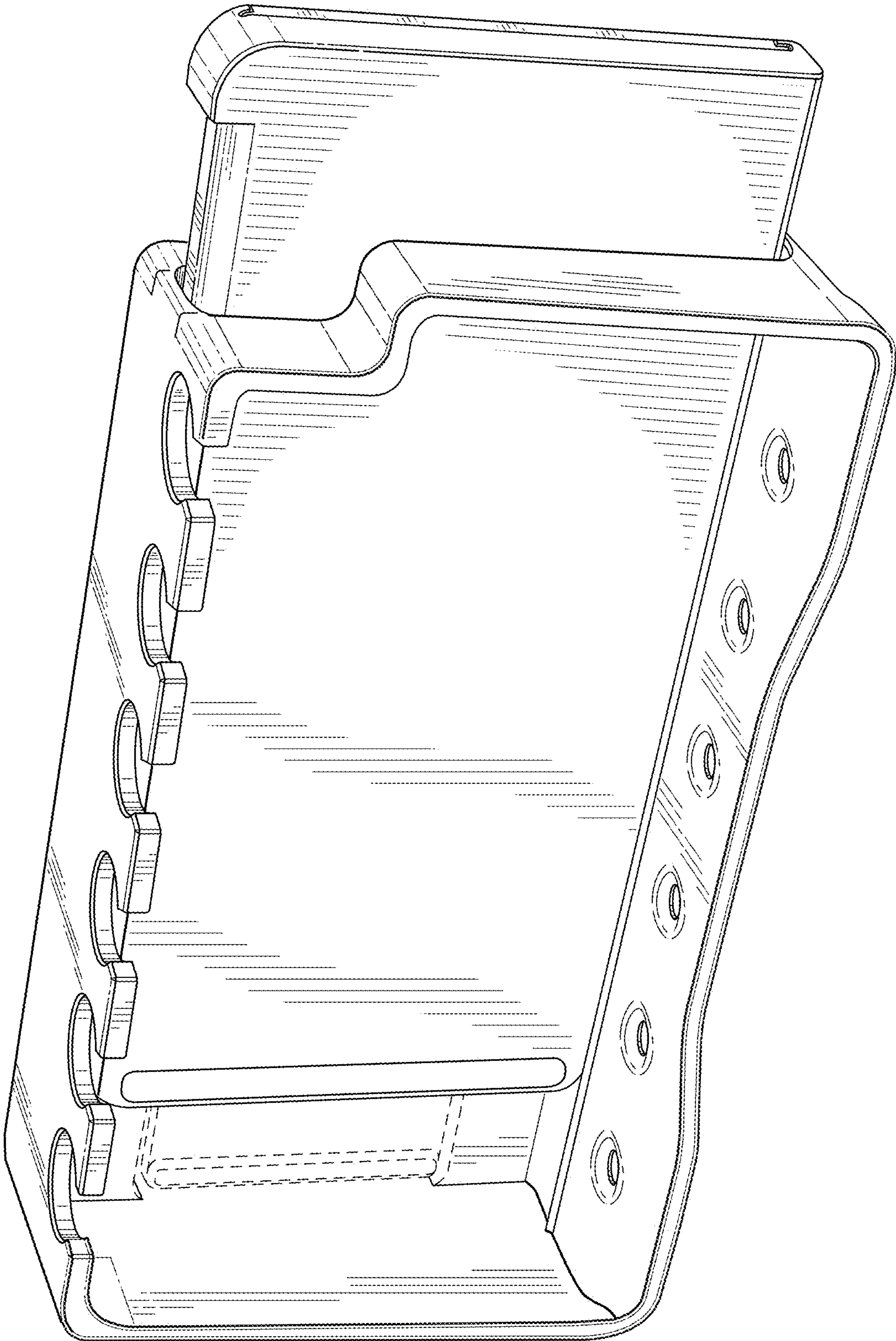


FIG. 2

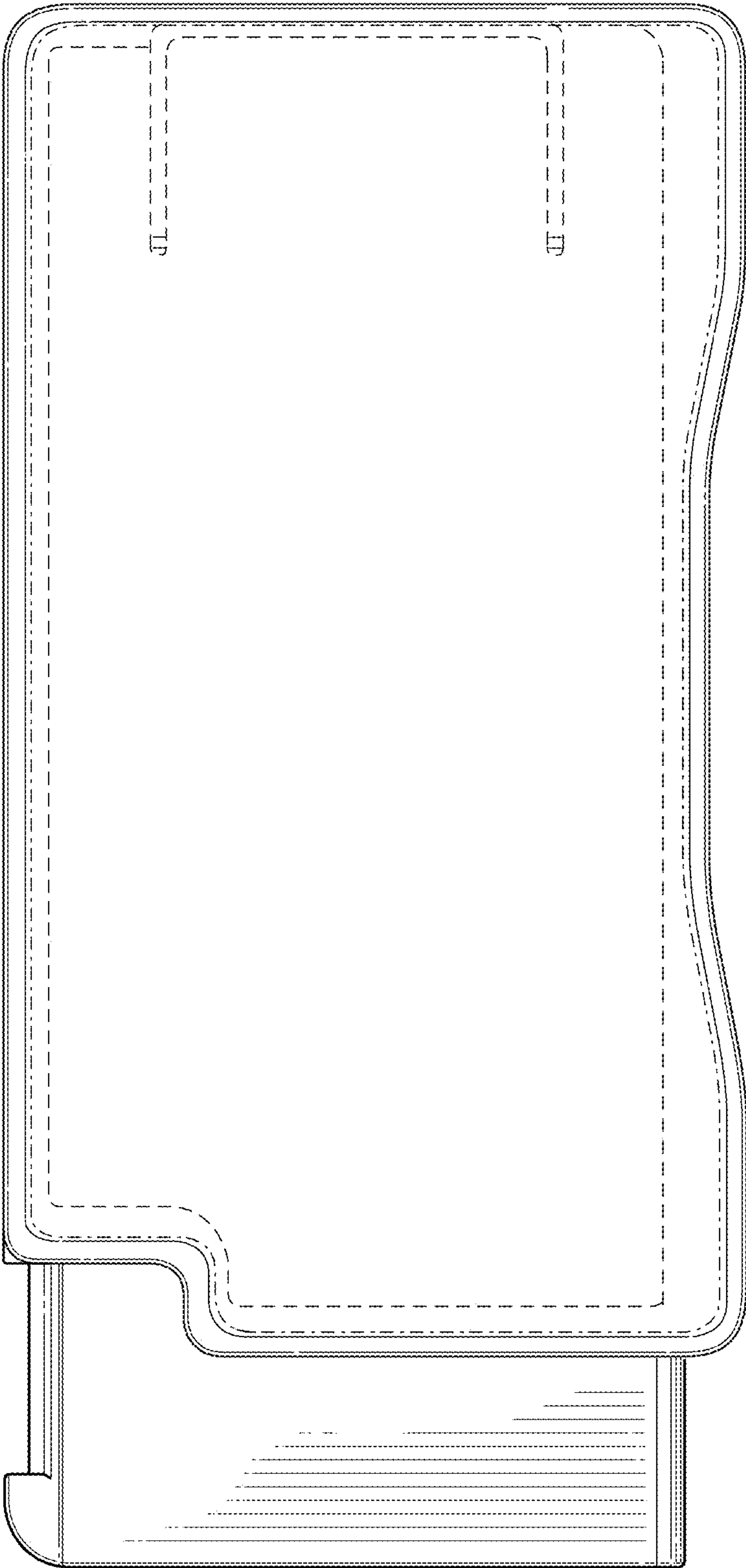


FIG. 3

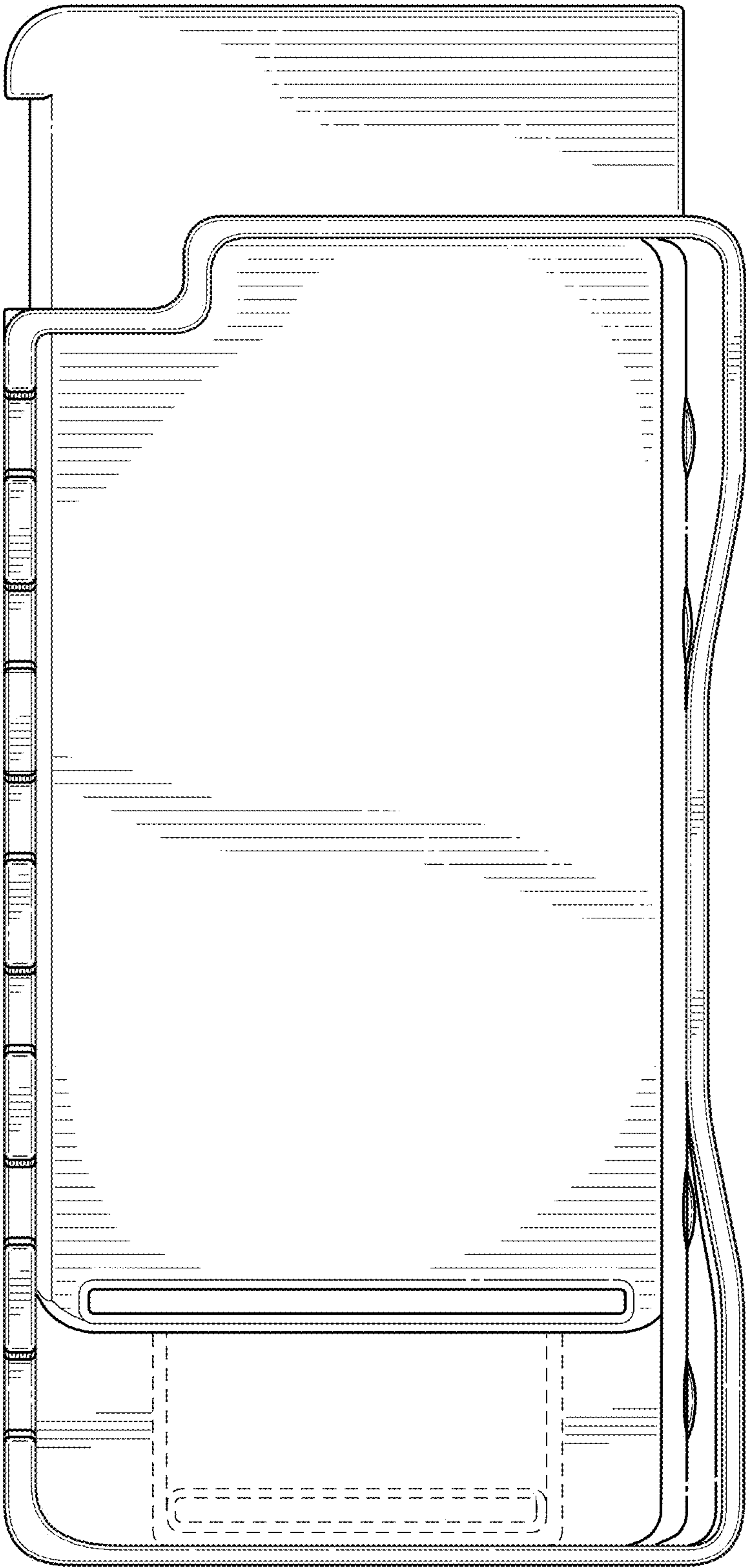


FIG. 4

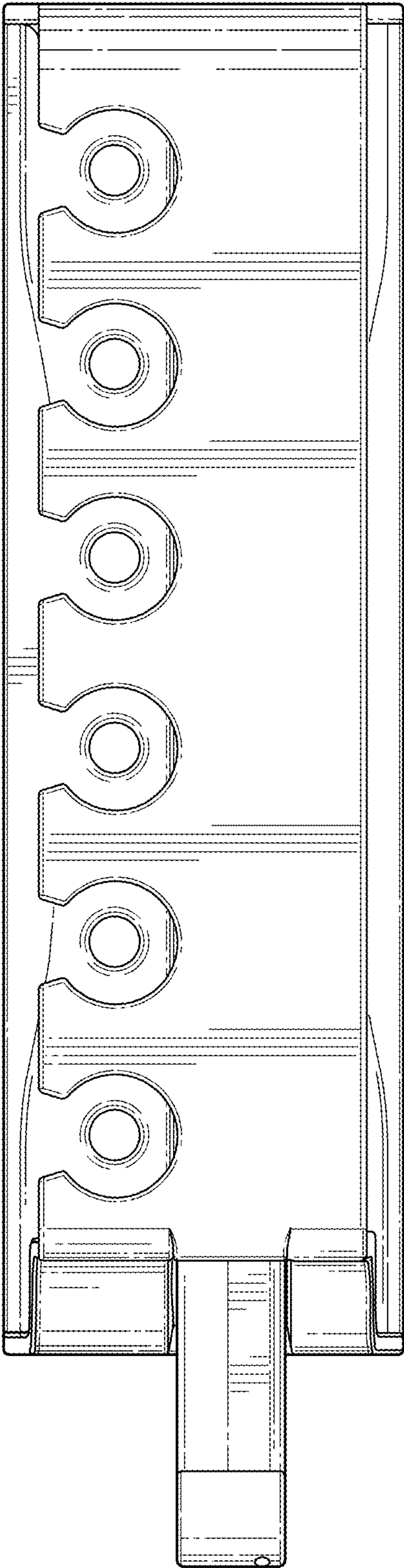


FIG. 5

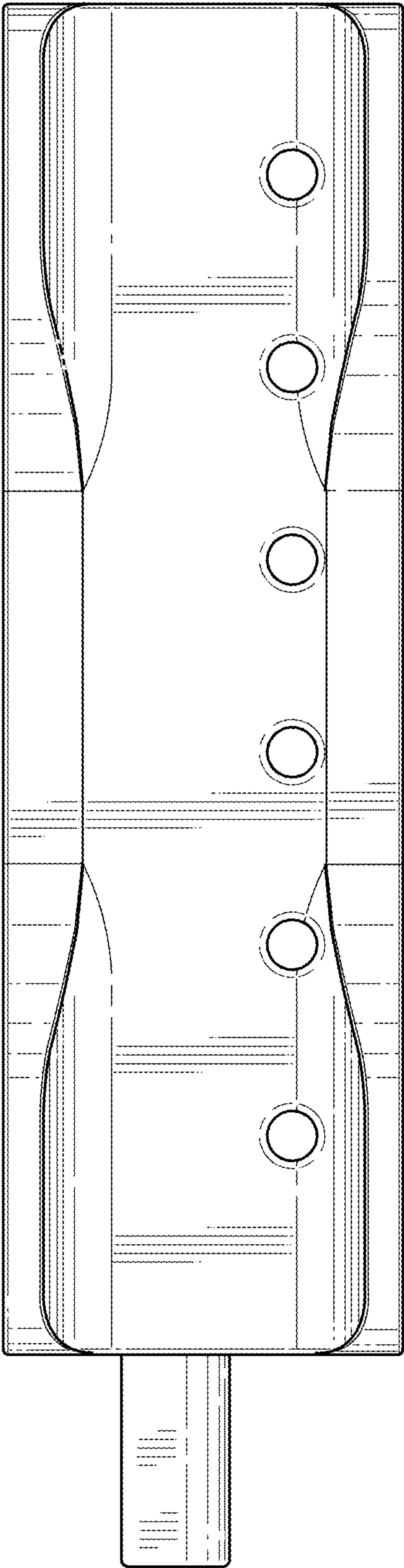


FIG. 6

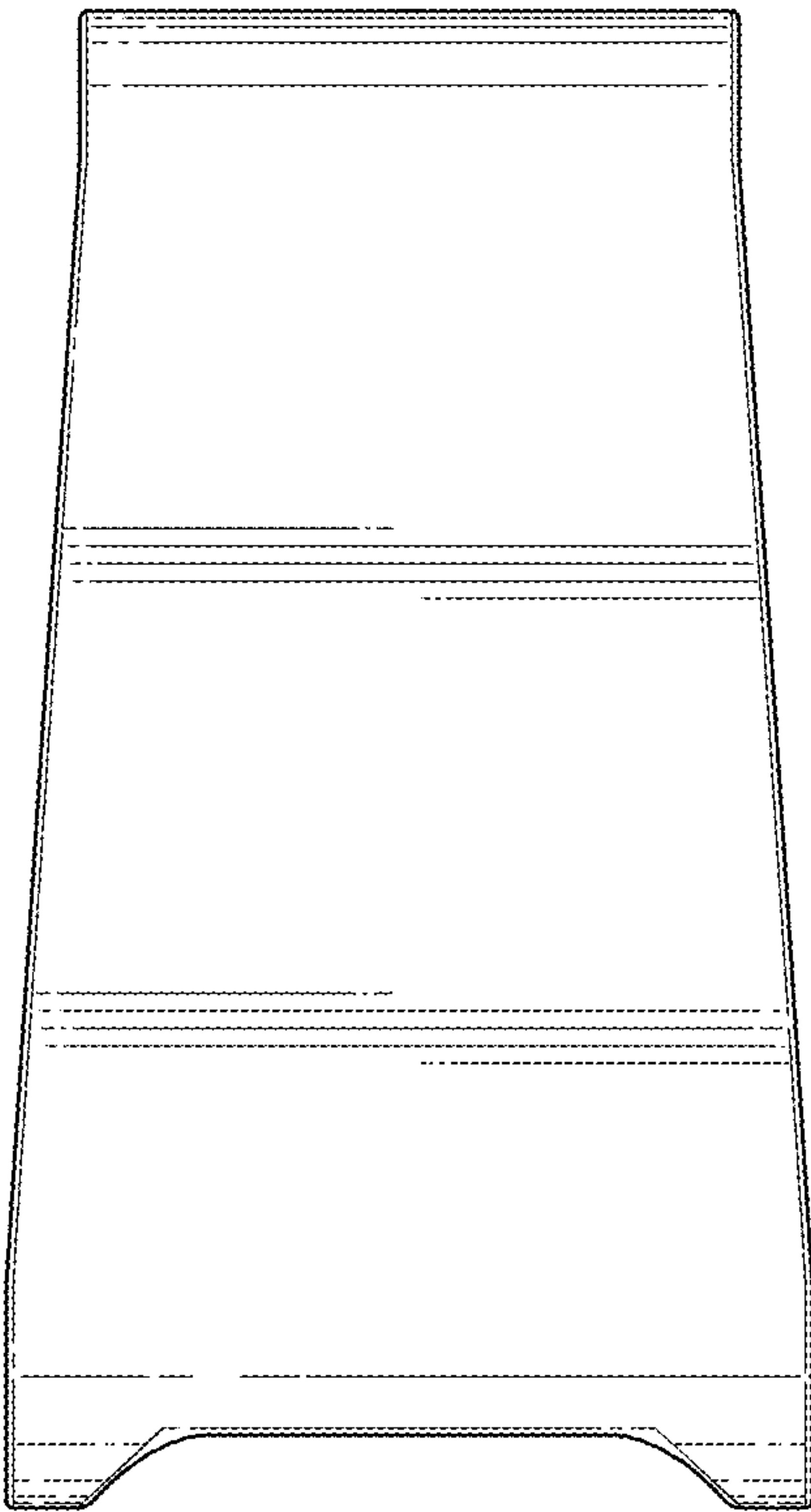


FIG. 7

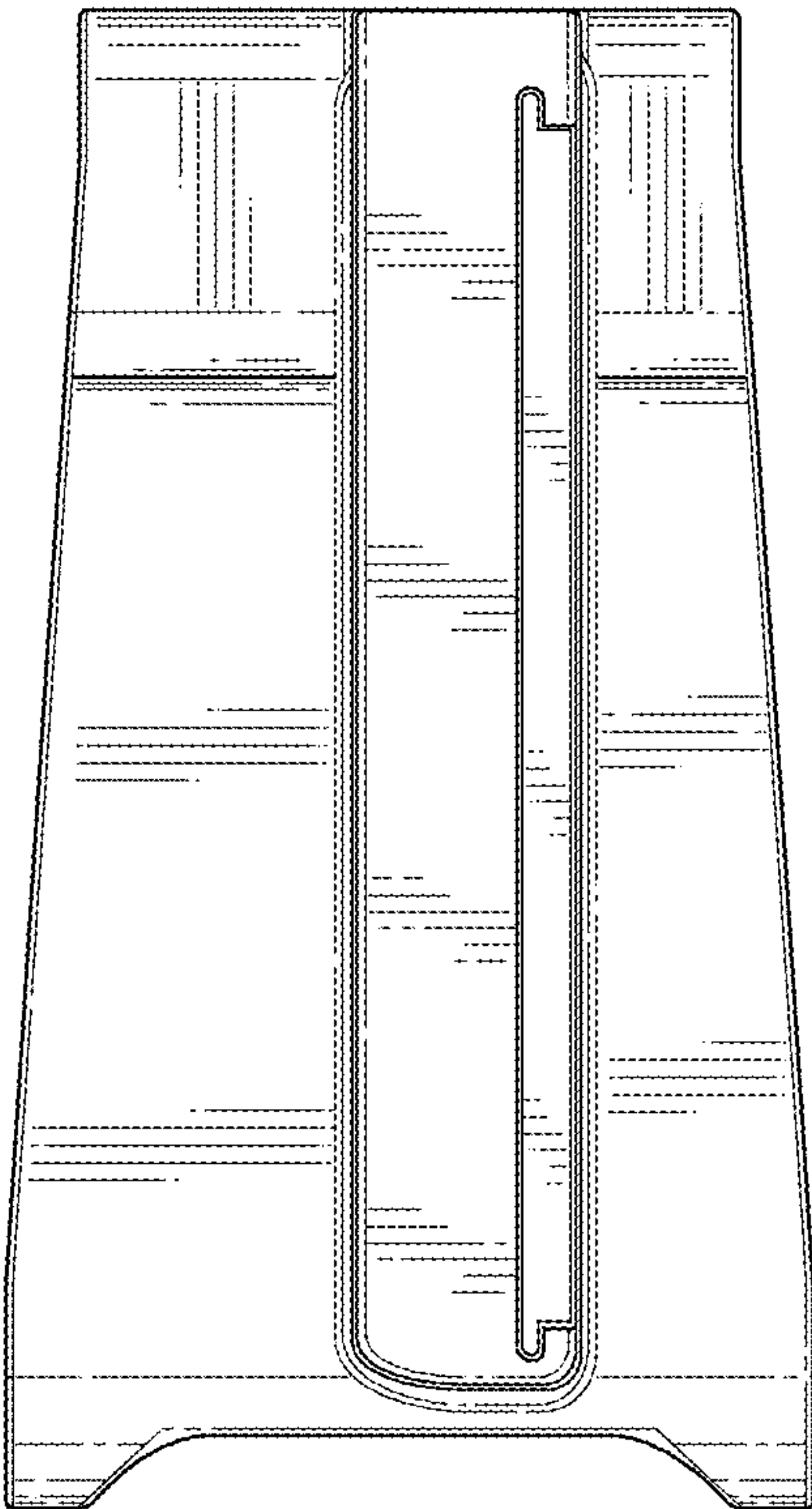


FIG. 8

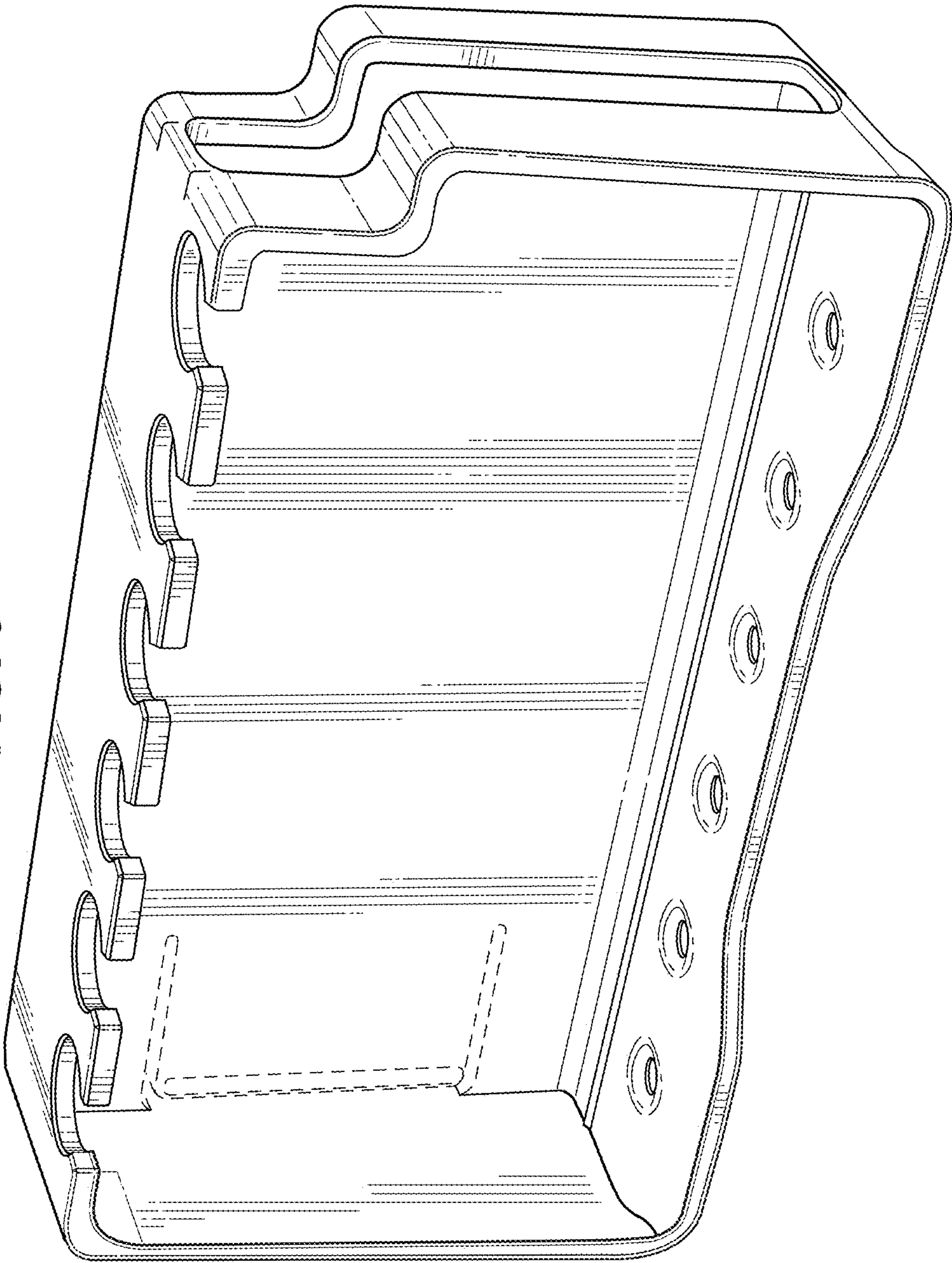


FIG. 9

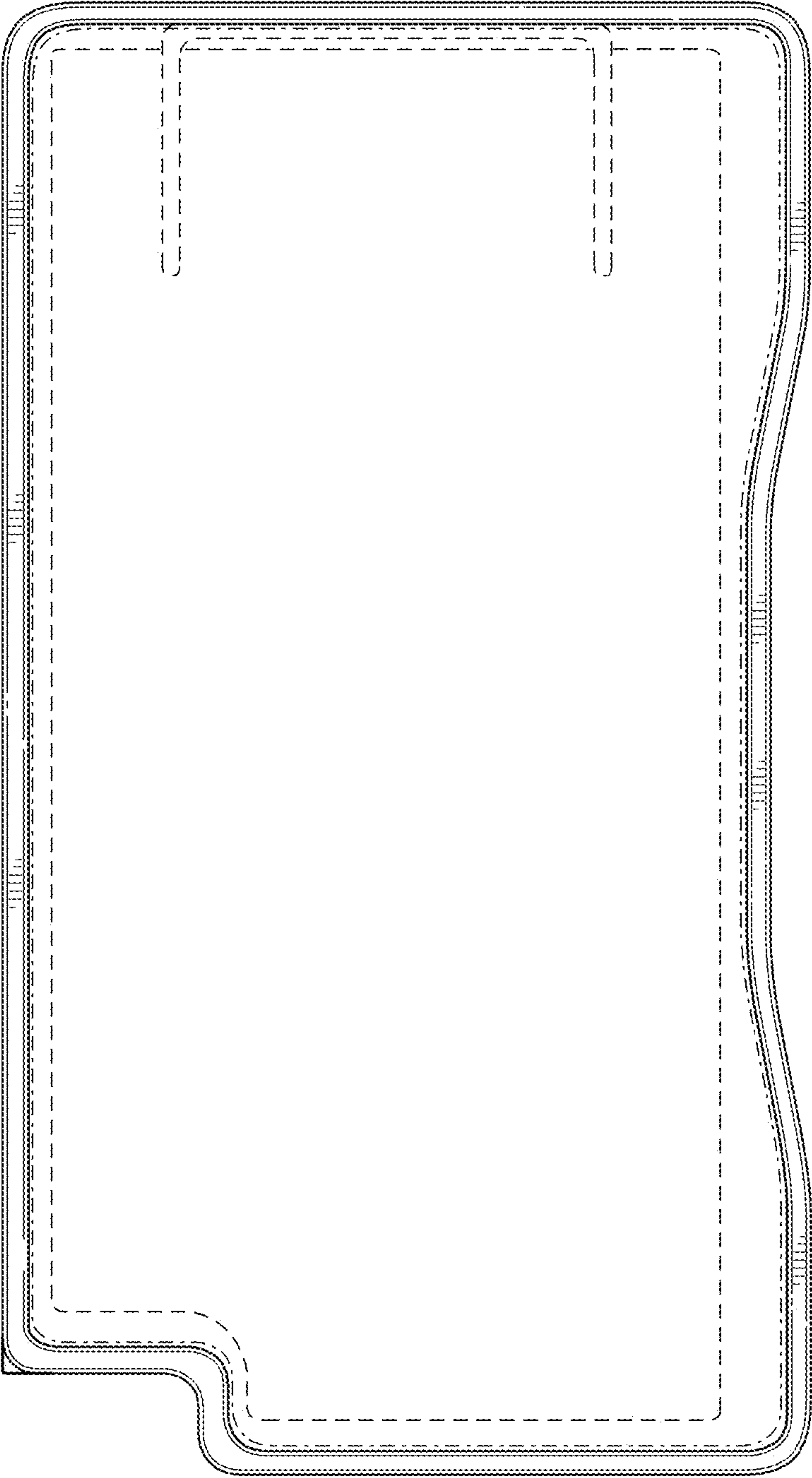


FIG. 10

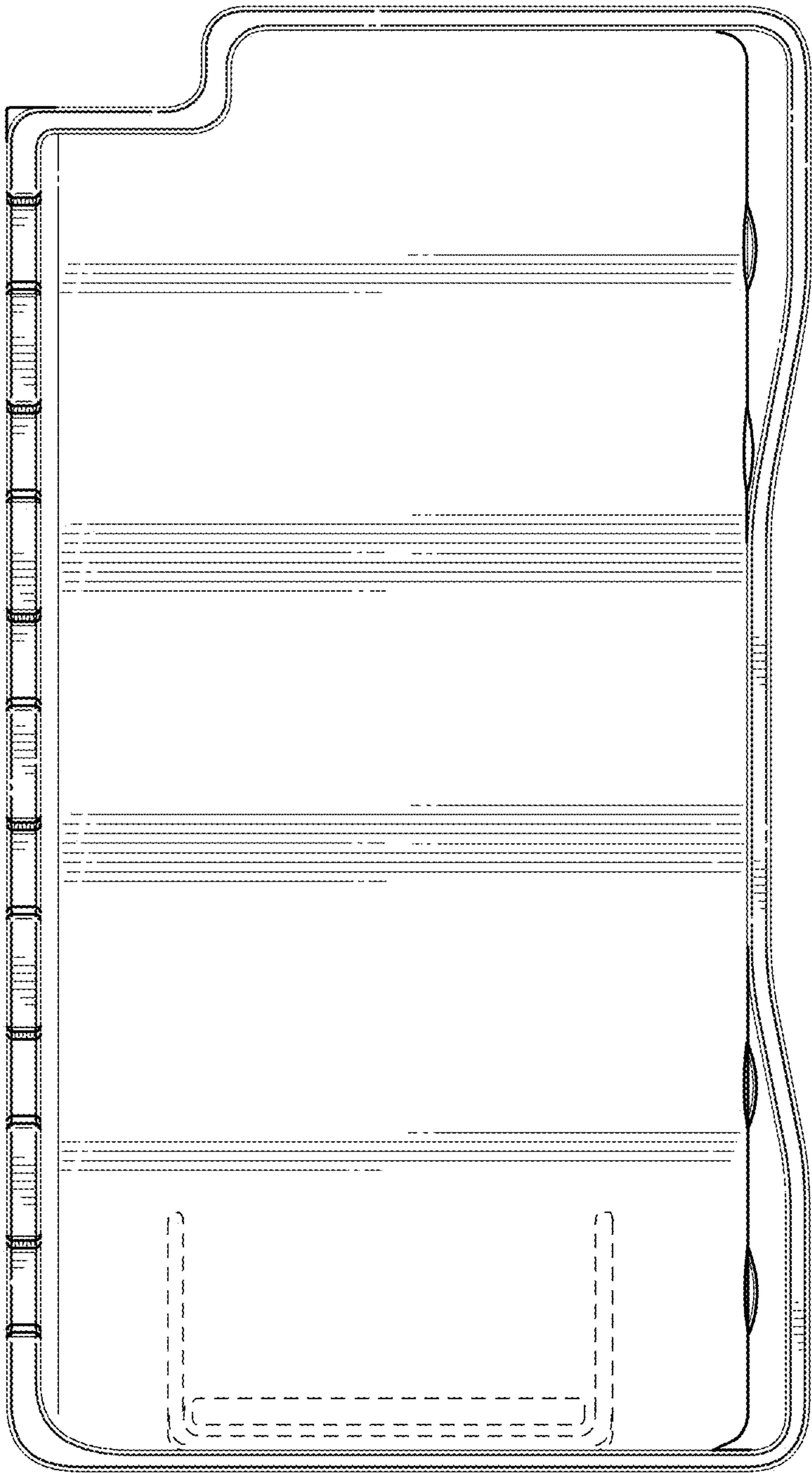


FIG. 11

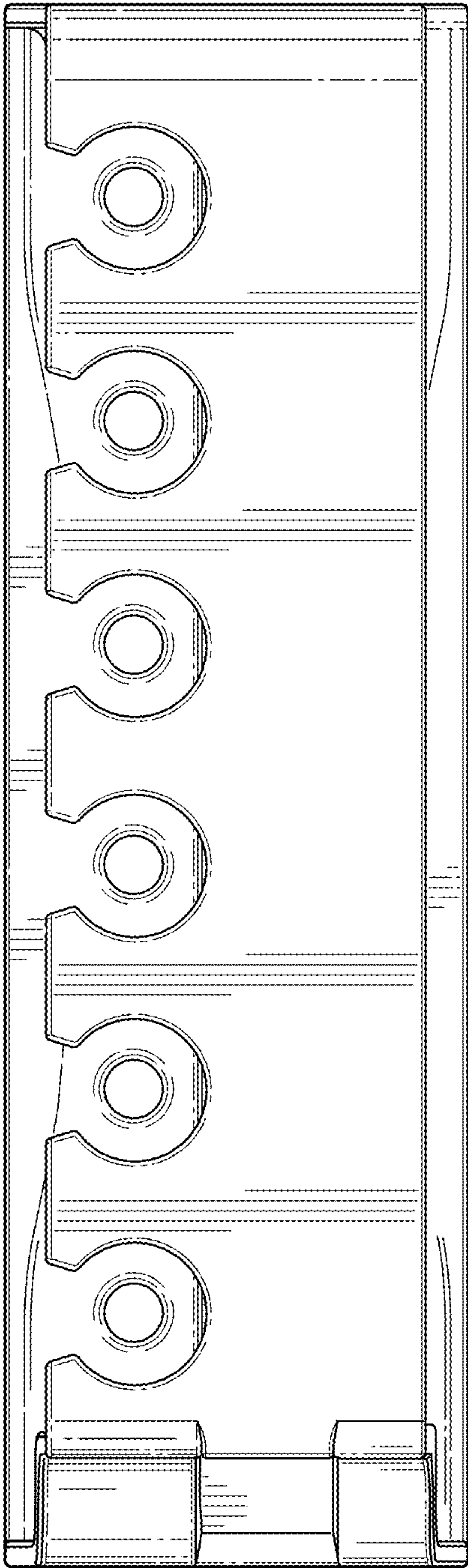


FIG. 12

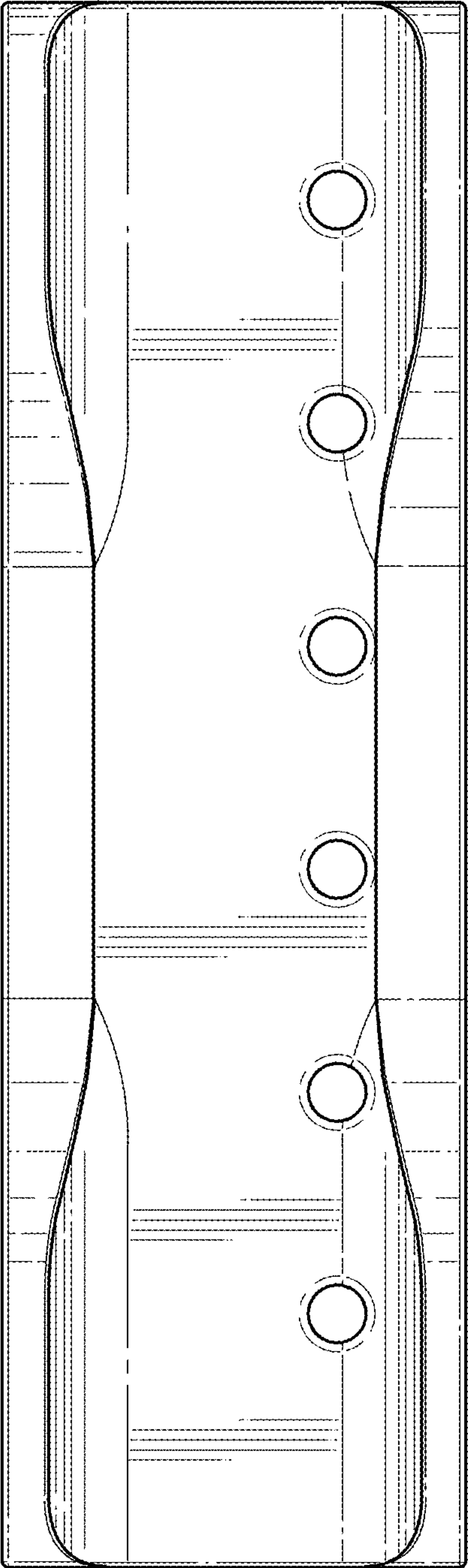


FIG. 13

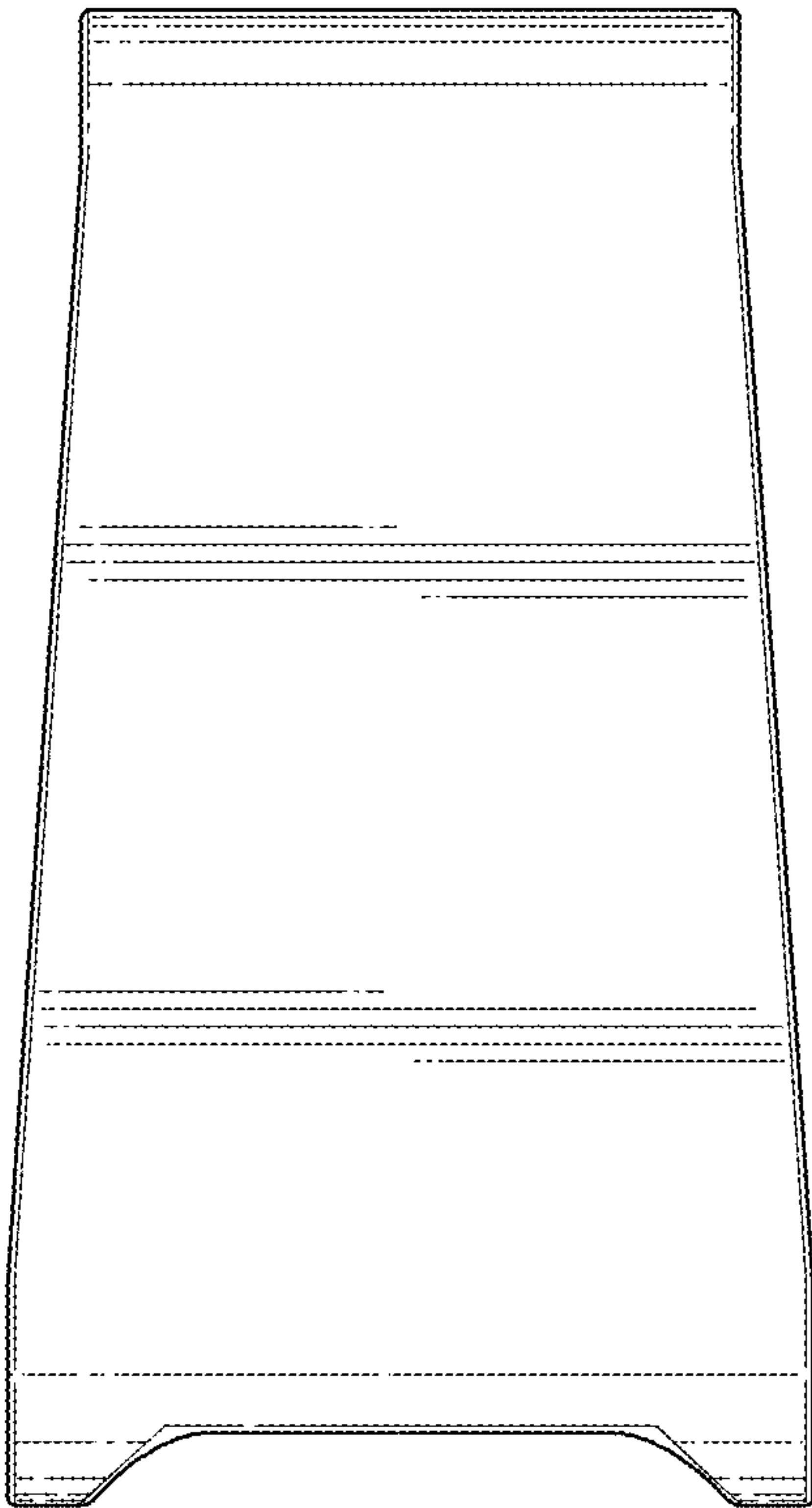


FIG. 14

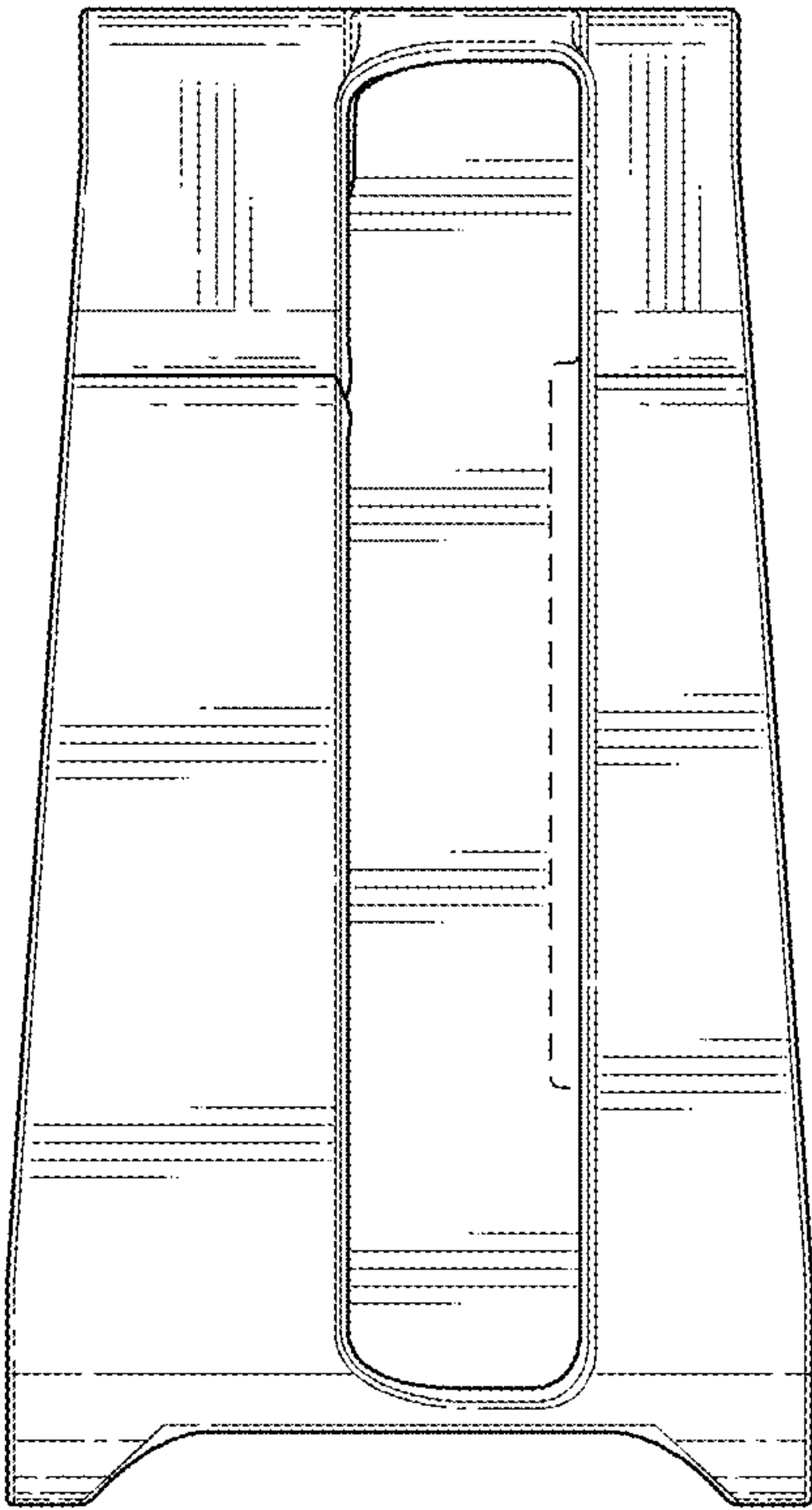


FIG. 15

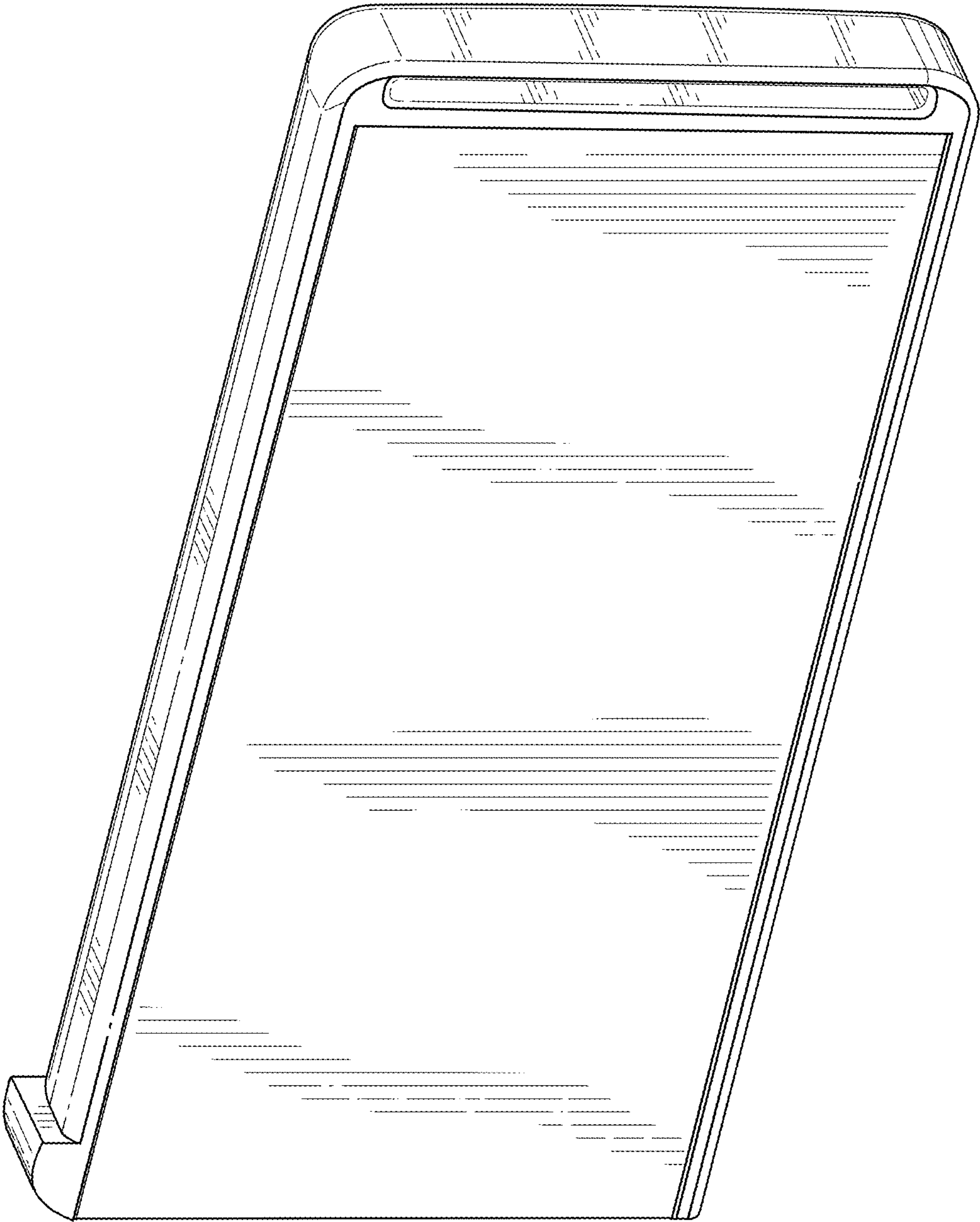


FIG. 16

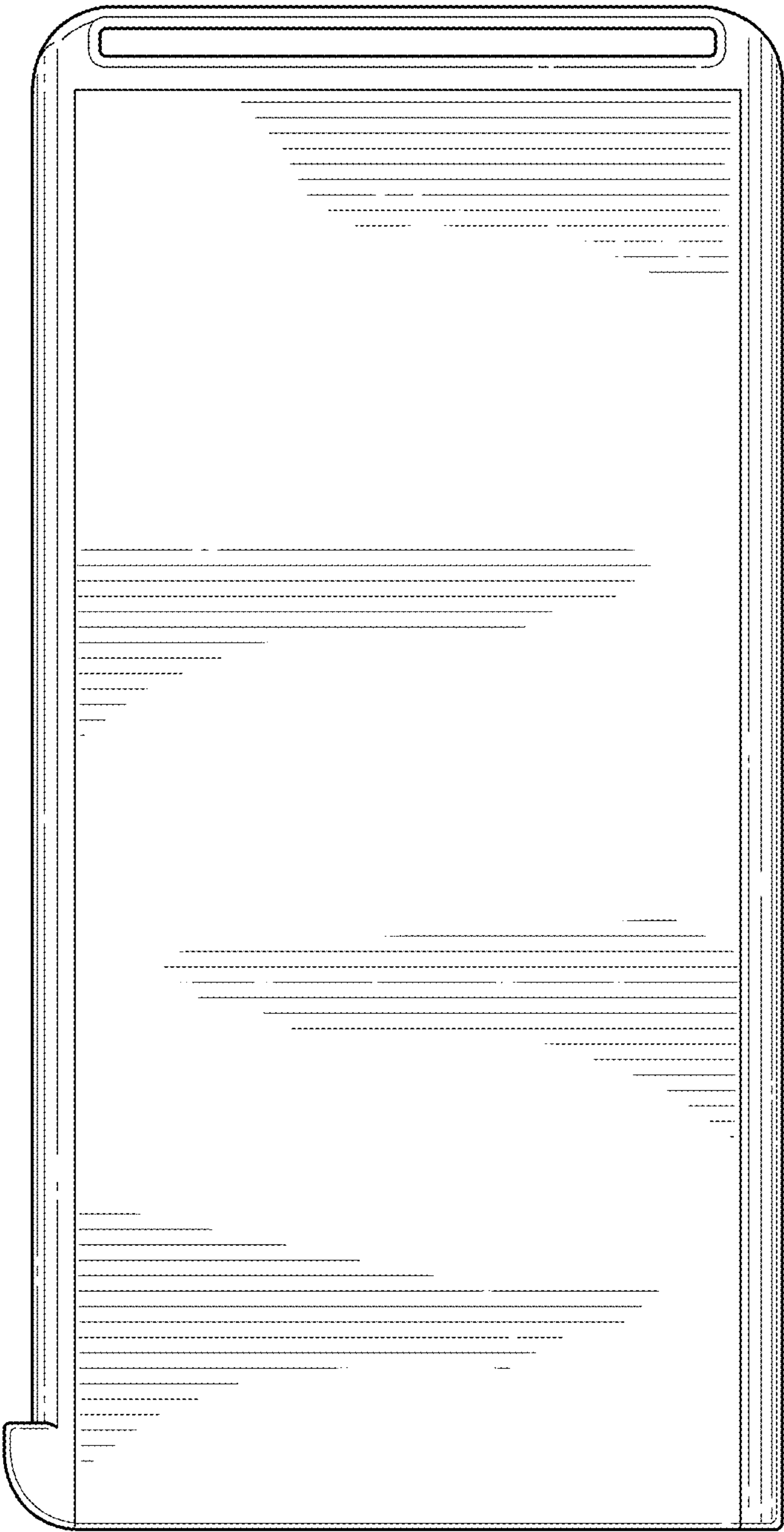


FIG. 17

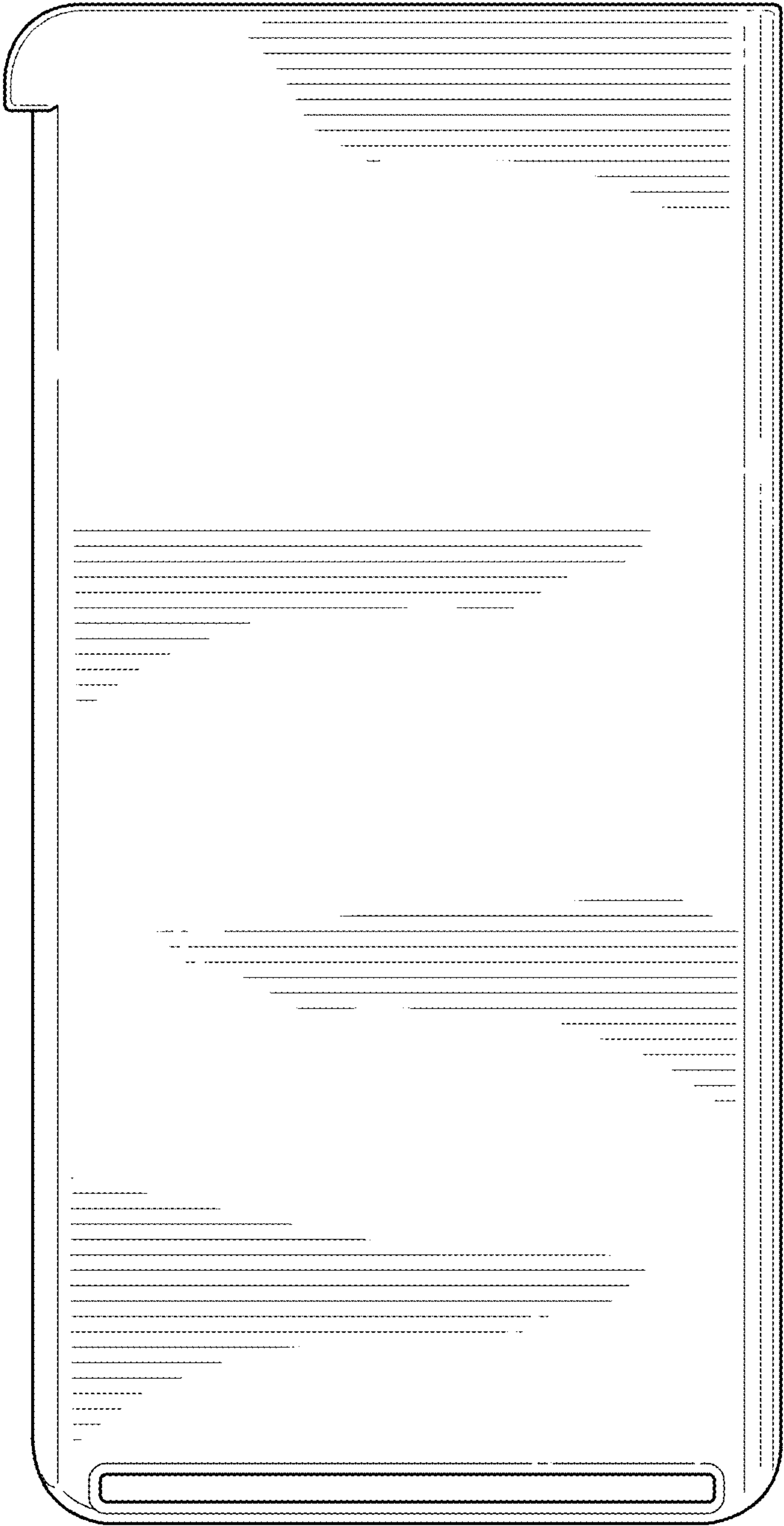


FIG. 18

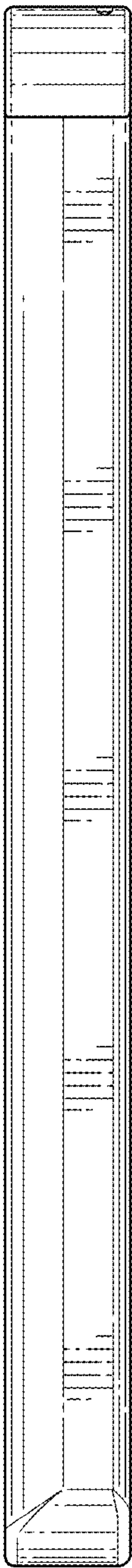


FIG. 19

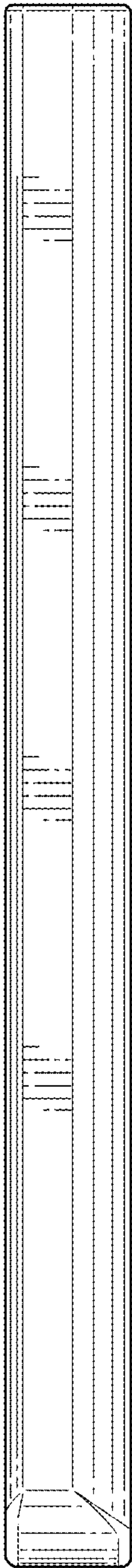


FIG. 20

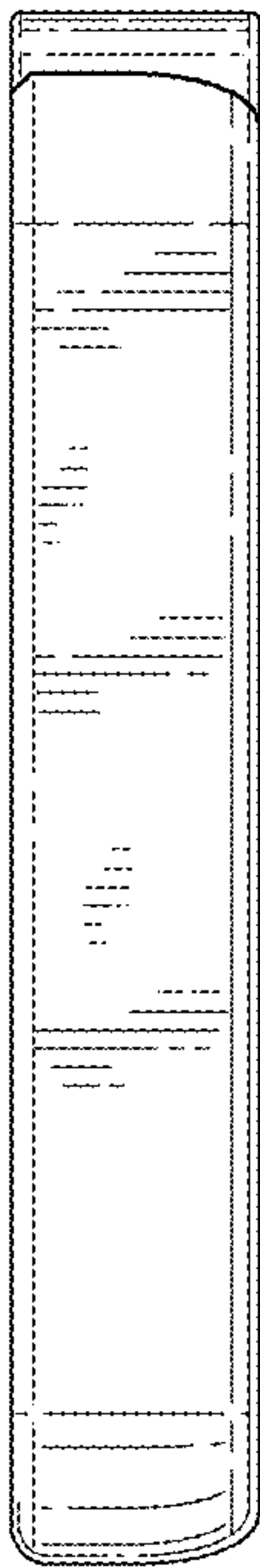


FIG. 21

