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(12)

United States Design Patent

VanNoy et al.

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(54) ORTHODONTIC TUBE

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Burlington, MA (US)

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

(21) Appl. No.: **29/851,301**

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(51) **LOC (14) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/180**

(58) **Field of Classification Search**
USPC D24/176, 180, 181, 182
(Continued)

(56) **References Cited**

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Primary Examiner — Wan Laymon

(74) Attorney, Agent, or Firm — Wolf, Greenfield &
Sacks, P.C.

(57) **CLAIM**

The ornamental design for an orthodontic tube, as shown and described.

DESCRIPTION

FIG. 1 is a top, front, left perspective view of the orthodontic tube according to a first embodiment;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left view thereof;
FIG. 5 is a right view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a bottom view thereof;
FIG. 8 is a bottom, rear, right perspective view thereof;
FIG. 9 is a top, front, right perspective view of the orthodontic tube according to a second embodiment;
FIG. 10 is a front view thereof;
FIG. 11 is a rear view thereof;
FIG. 12 is a left view thereof;
FIG. 13 is a right view thereof;
FIG. 14 is a top view thereof;
FIG. 15 is a bottom view thereof;
FIG. 16 is a bottom, rear, left perspective view thereof;
FIG. 17 is a top, front, left perspective view of the orthodontic tube according to a third embodiment;
FIG. 18 is a front view thereof;
FIG. 19 is a rear view thereof;
FIG. 20 is a left view thereof;
FIG. 21 is a right view thereof;
FIG. 22 is a top view thereof;
FIG. 23 is a bottom view thereof;
FIG. 24 is a bottom, front, left perspective view thereof;
FIG. 25 is a bottom, rear, right perspective view thereof;
FIG. 26 is a top, front, right perspective view of the orthodontic tube according to a fourth embodiment;
FIG. 27 is a front view thereof;
(Continued)

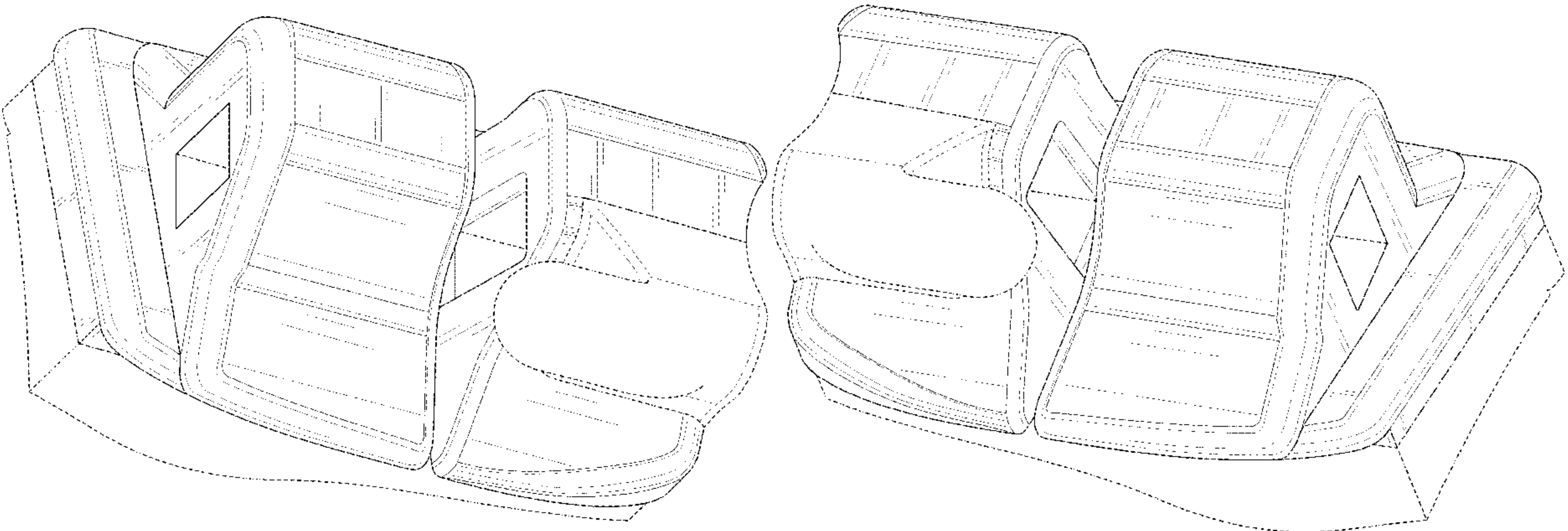


FIG. 28 is a rear view thereof;
FIG. 29 is a left view thereof;
FIG. 30 is a right view thereof;
FIG. 31 is a top view thereof;
FIG. 32 is a bottom view thereof;
FIG. 33 is a bottom, front, right perspective view thereof;
FIG. 34 is a bottom, rear, left perspective view thereof;
FIG. 35 is a top, front, left perspective view of the orthodontic tube according to a fifth embodiment wherein the oblique lines indicate a white or translucent white ceramic material;
FIG. 36 is a front view thereof;
FIG. 37 is a rear view thereof;
FIG. 38 is a left view thereof;
FIG. 39 is a right view thereof;
FIG. 40 is a top view thereof;
FIG. 41 is a bottom view thereof;
FIG. 42 is a bottom, rear, right perspective view thereof;
FIG. 43 is a top, front, right perspective view of the orthodontic tube according to a sixth embodiment wherein the oblique lines indicate a white or translucent white ceramic material;
FIG. 44 is a front view thereof;
FIG. 45 is a rear view thereof;
FIG. 46 is a left view thereof;
FIG. 47 is a right view thereof;
FIG. 48 is a top view thereof;
FIG. 49 is a bottom view thereof; and,
FIG. 50 is a bottom, rear, left perspective view thereof.
The evenly spaced broken lines and adjacent unshaded surfaces show portions of the orthodontic tube that form no

part of the claimed design. The dash-dot-dash broken lines define the boundaries of the claim and form no part of the claimed design.

1 Claim, 50 Drawing Sheets

(58) **Field of Classification Search**
CPC A61C 7/12; A61C 7/282; A61C 7/285;
A61C 7/287; A61C 7/141; A61C 7/14;
A61C 7/143; A61C 7/16; A61C 7/28;
A61C 7/34
See application file for complete search history.

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						433/9
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2022/0378553	A1	*	12/2022	VanNoy		A61C 7/282

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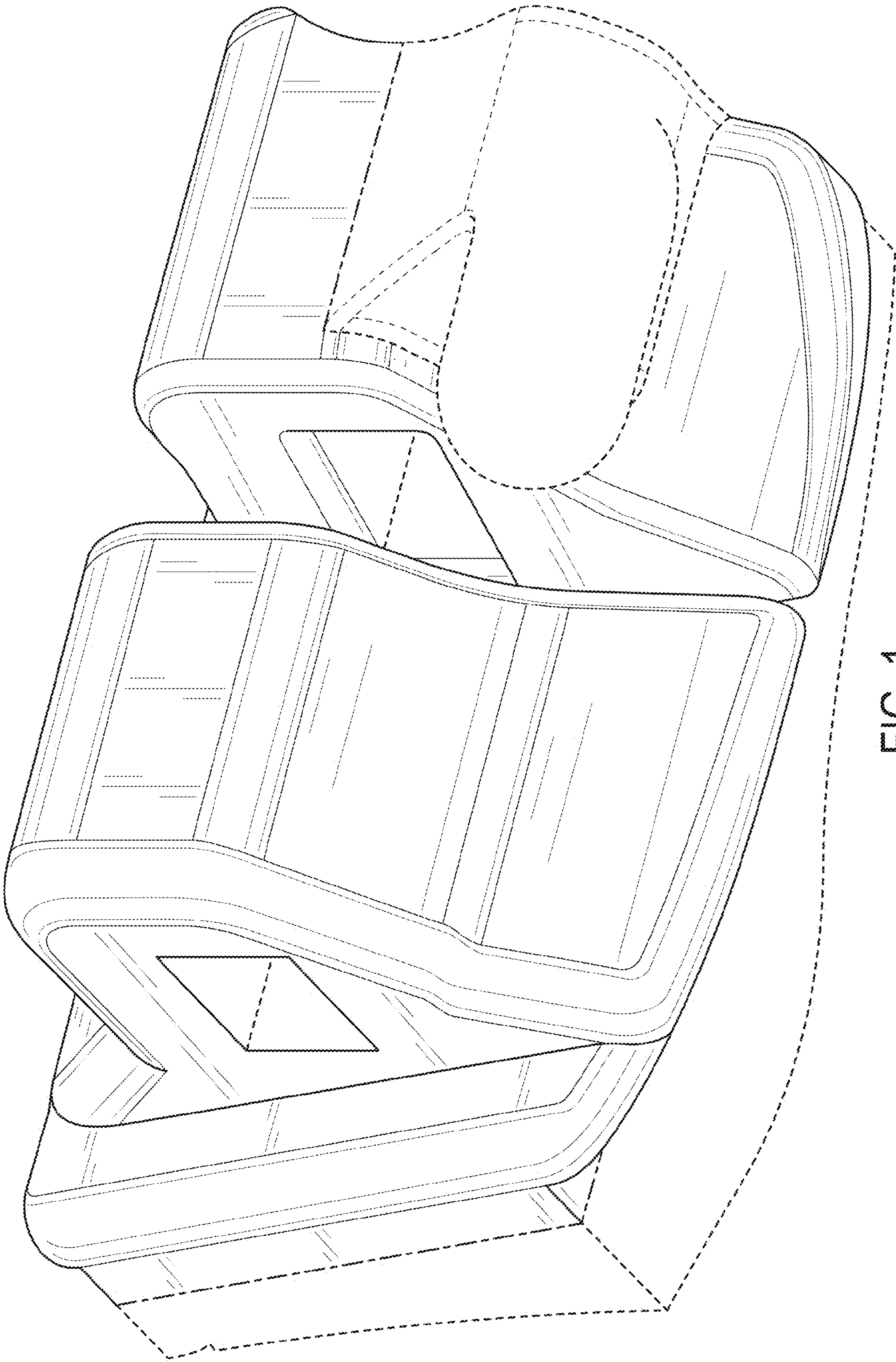


FIG. 1

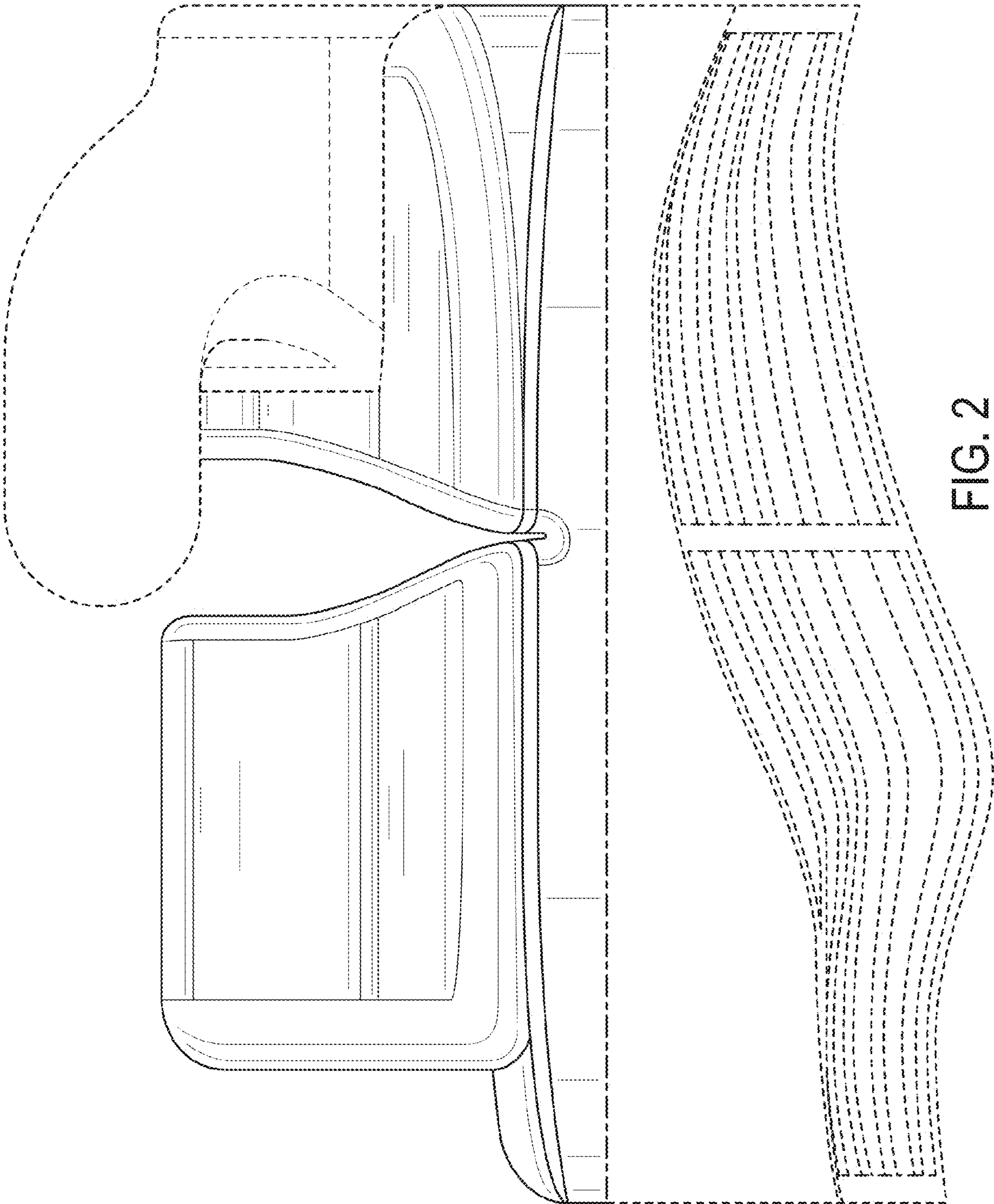


FIG. 2

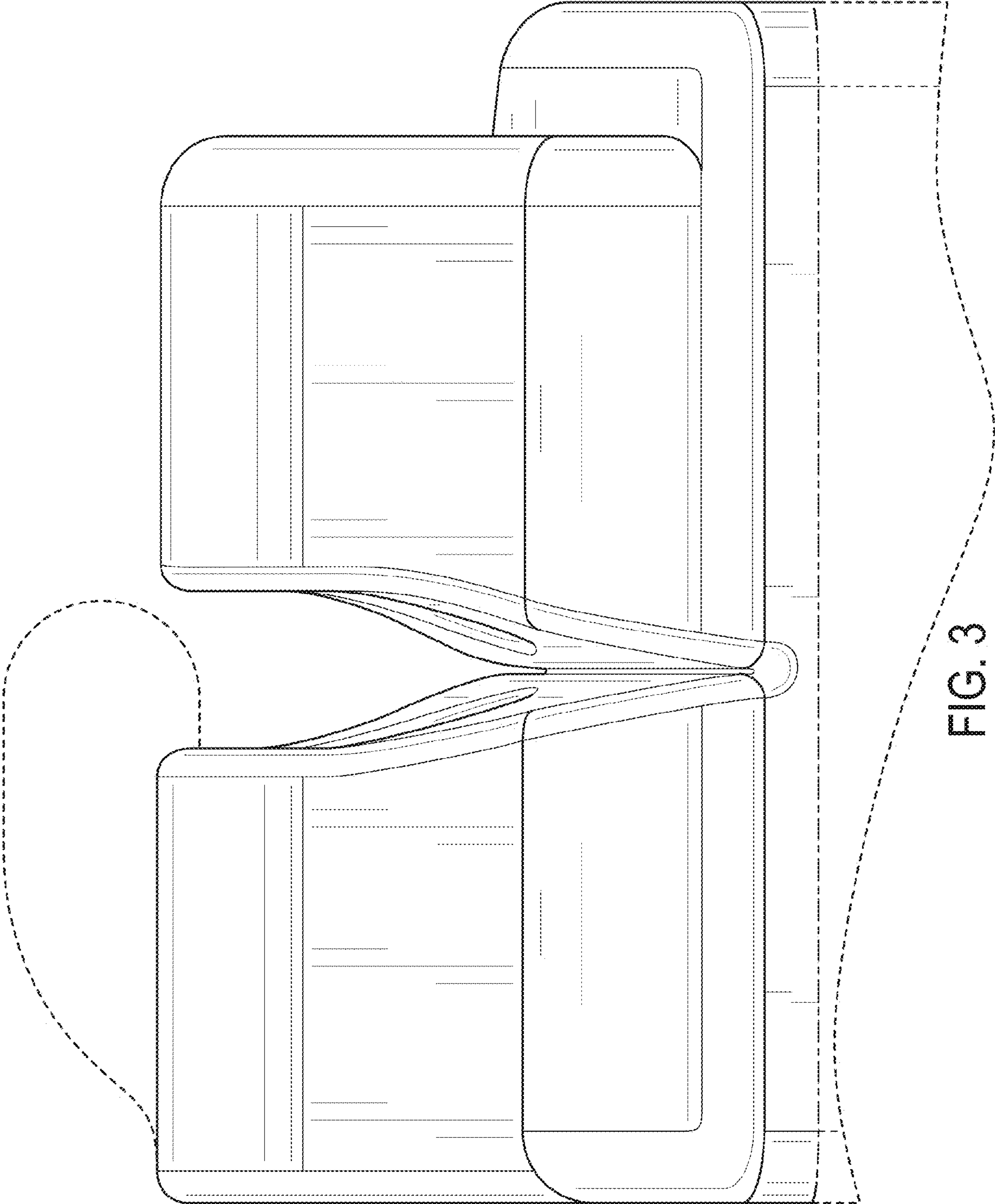


FIG. 3

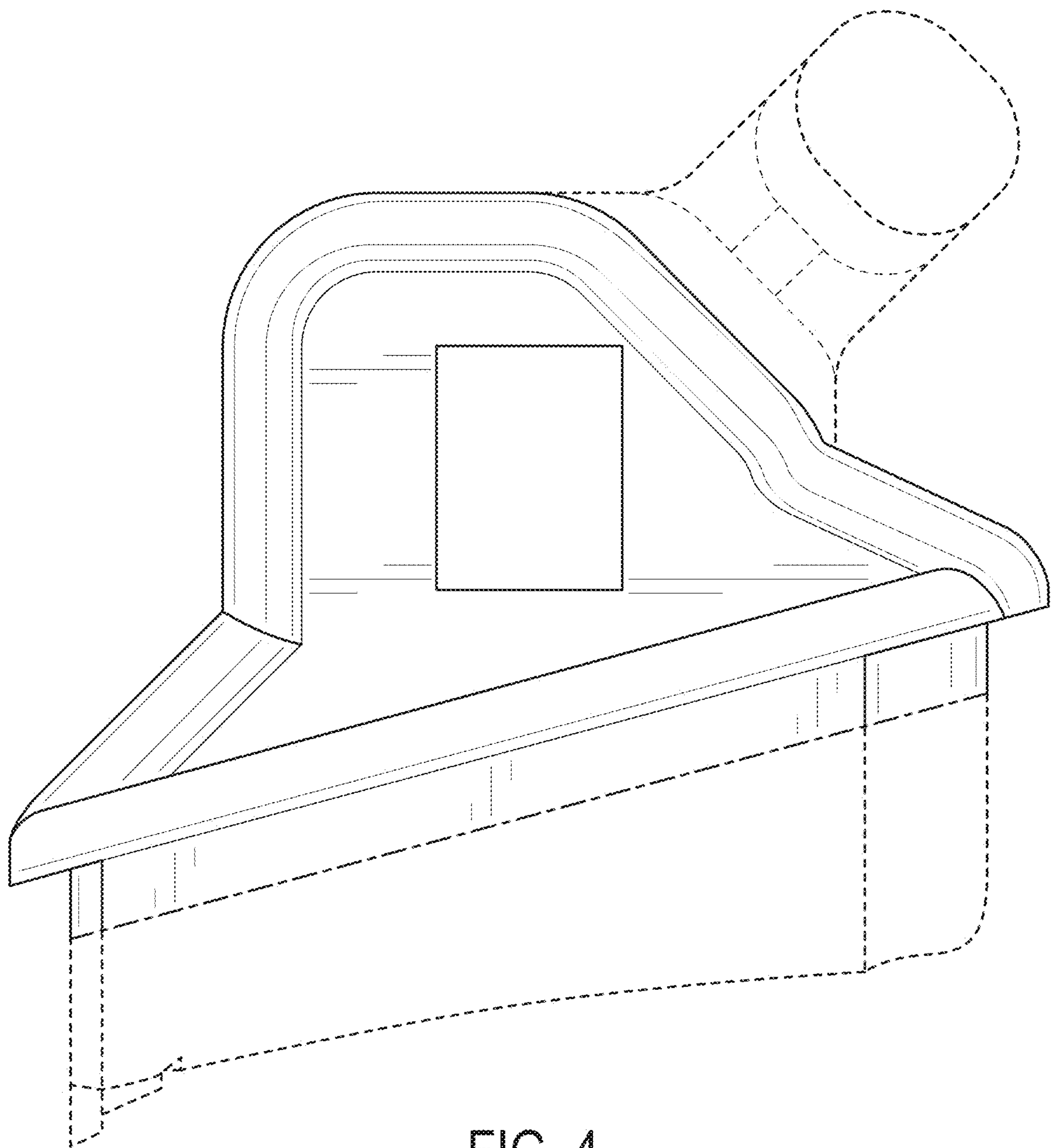


FIG. 4

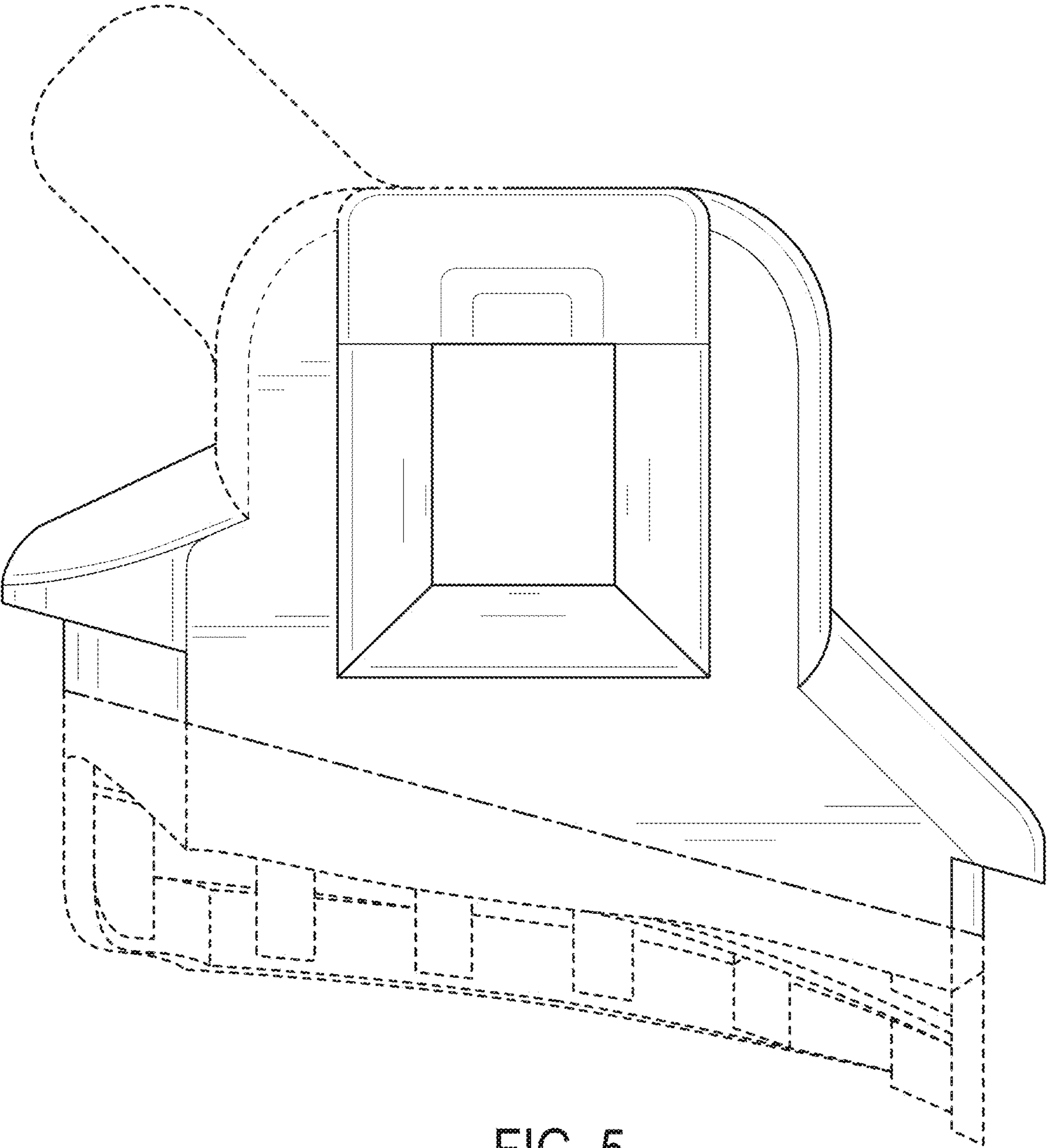


FIG. 5

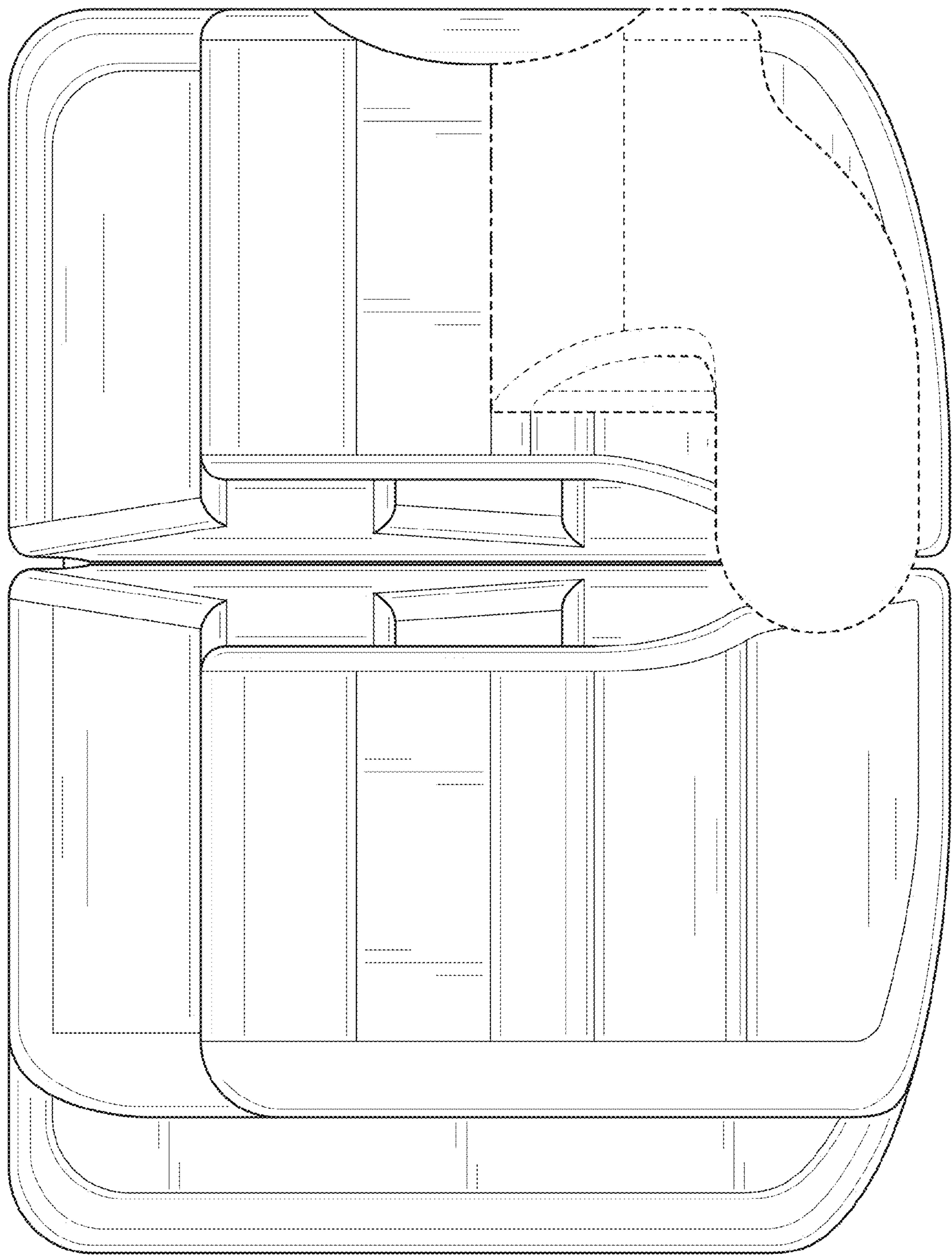


FIG. 6

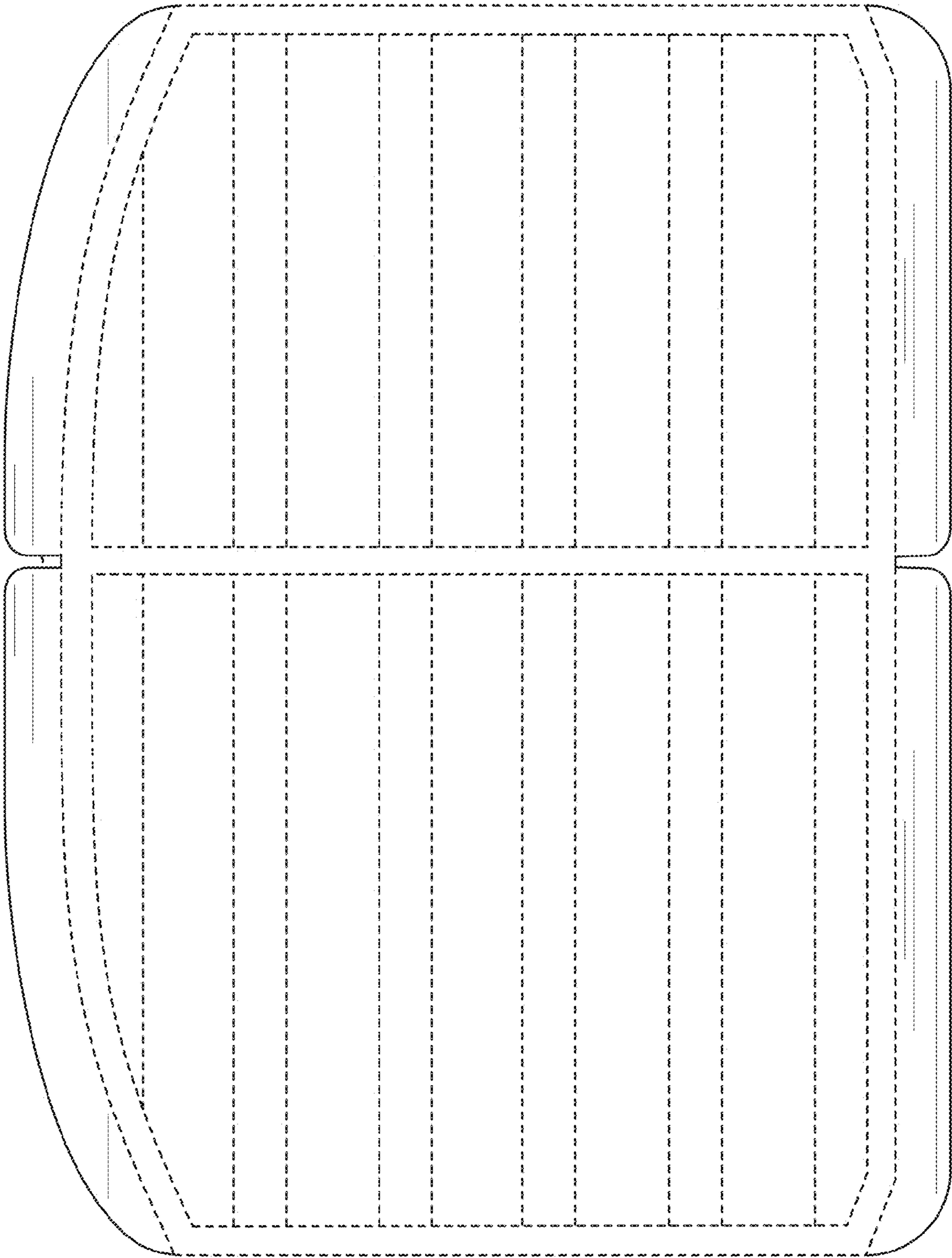


FIG. 7

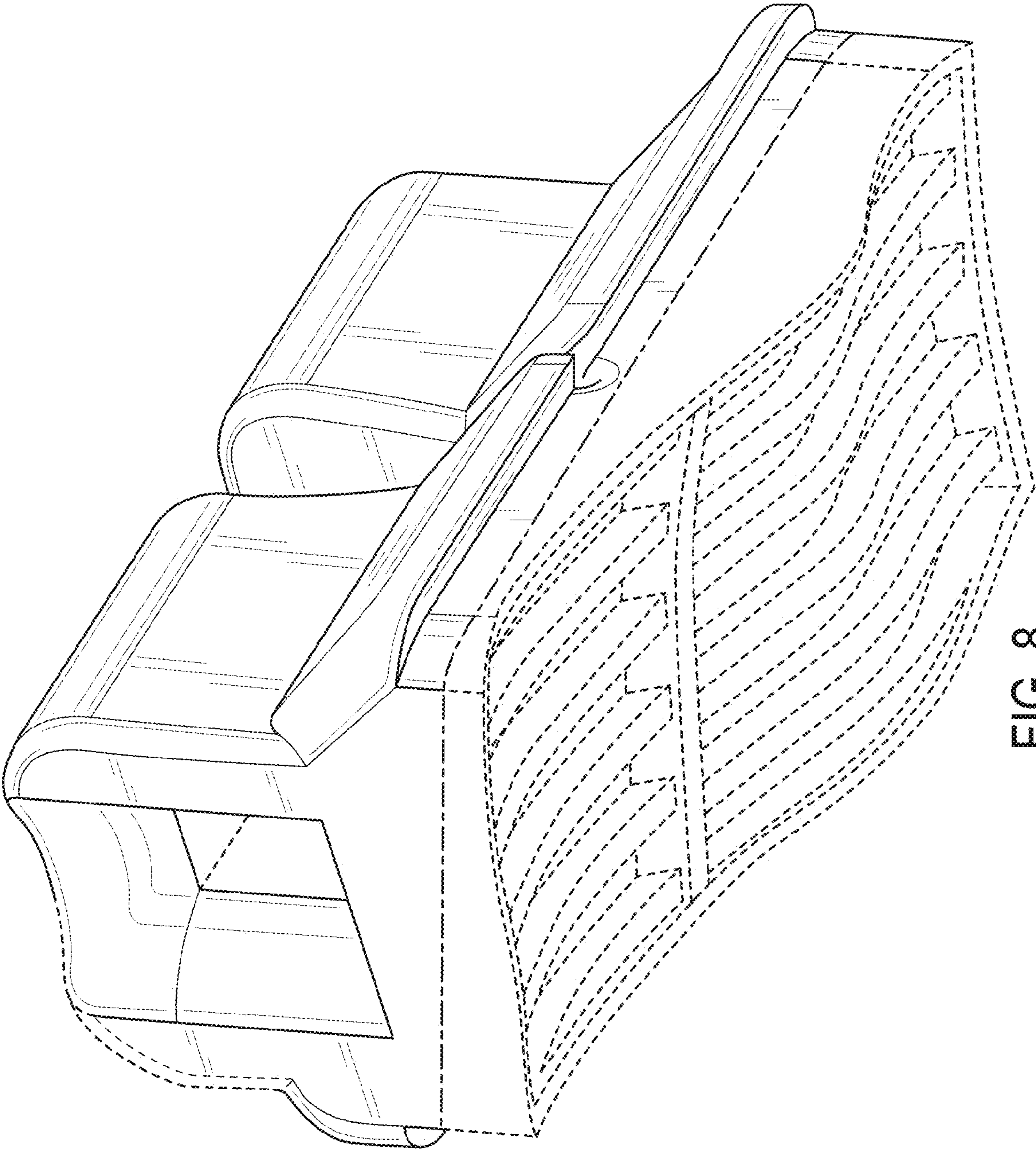


FIG. 8

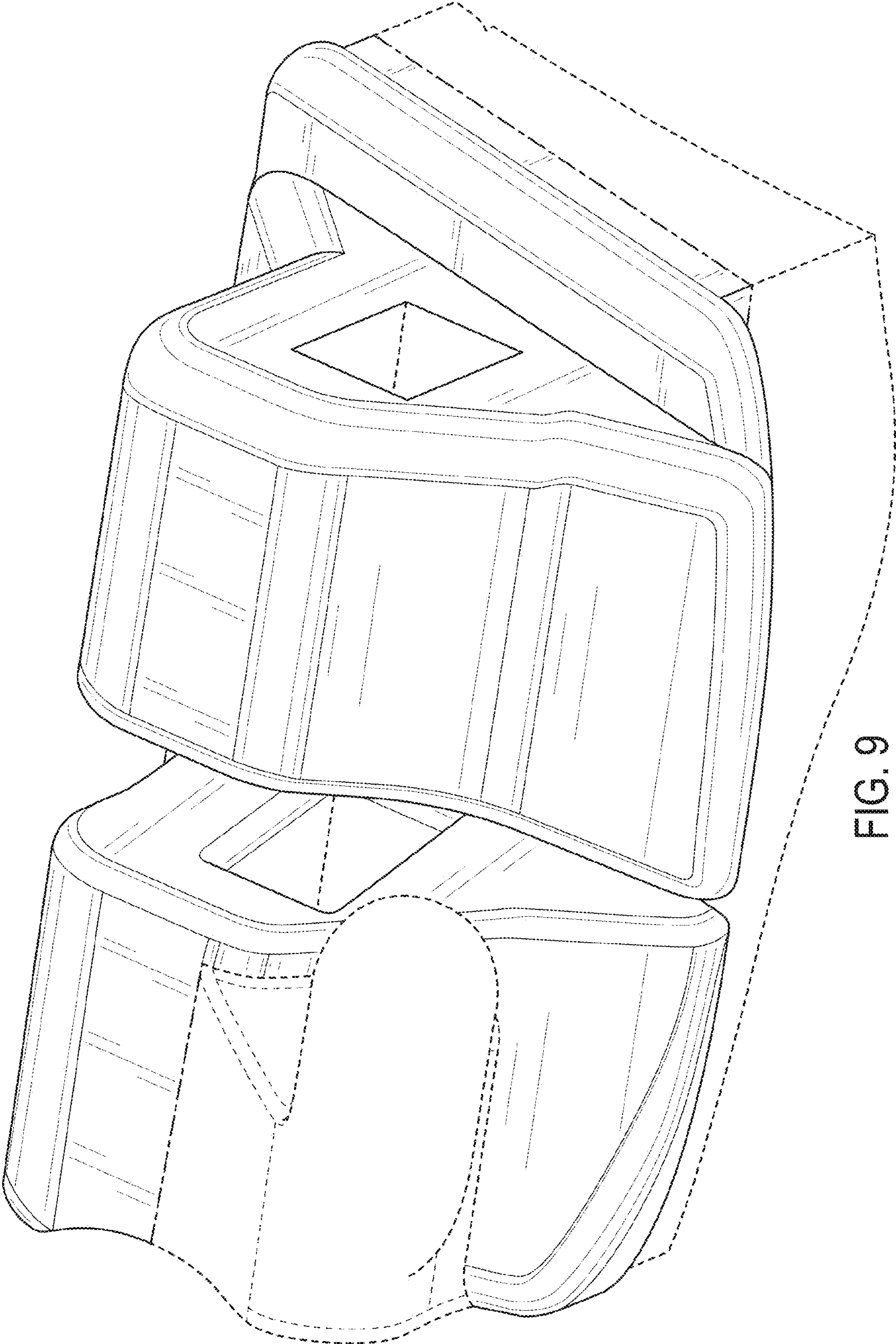


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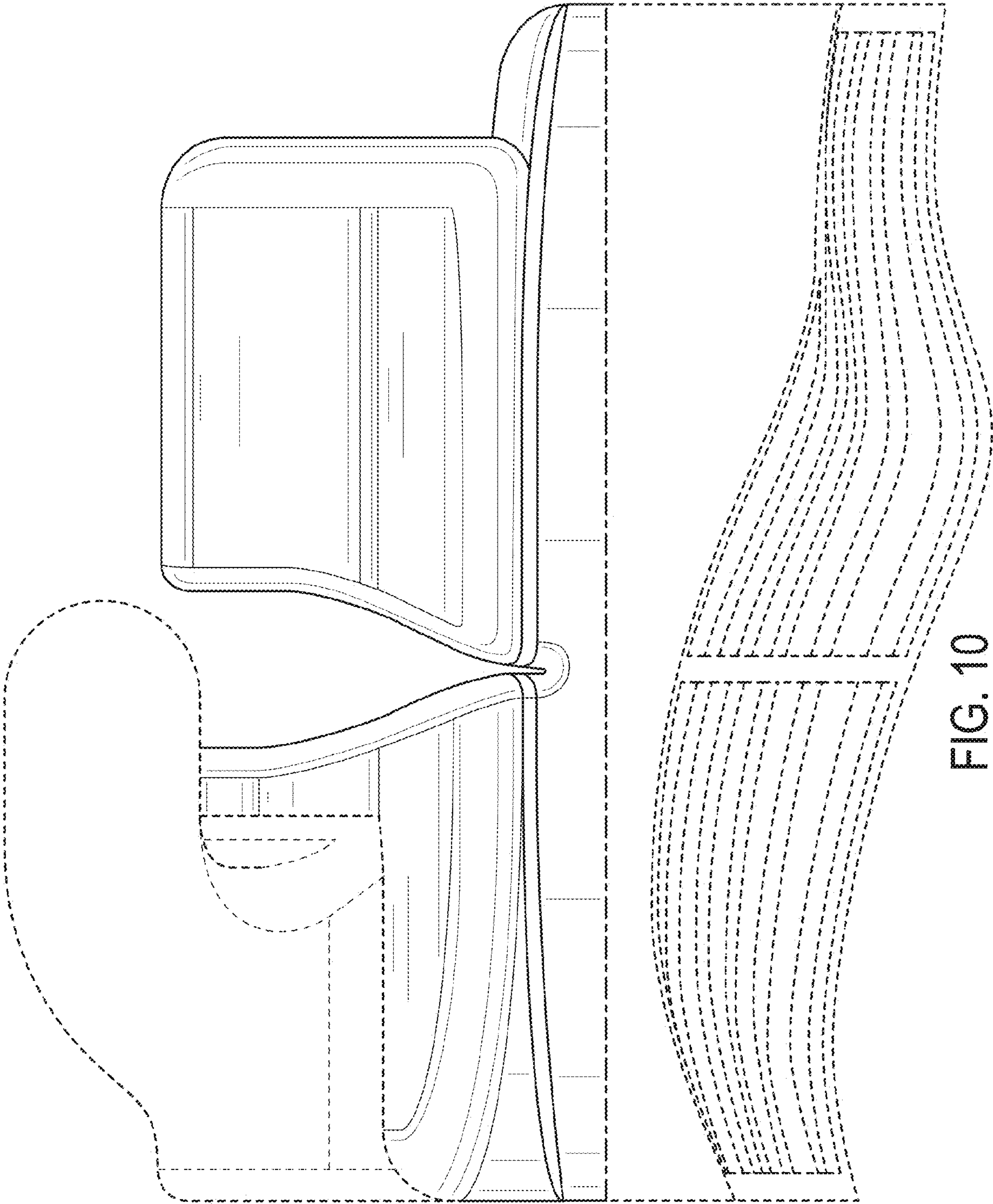


FIG. 10

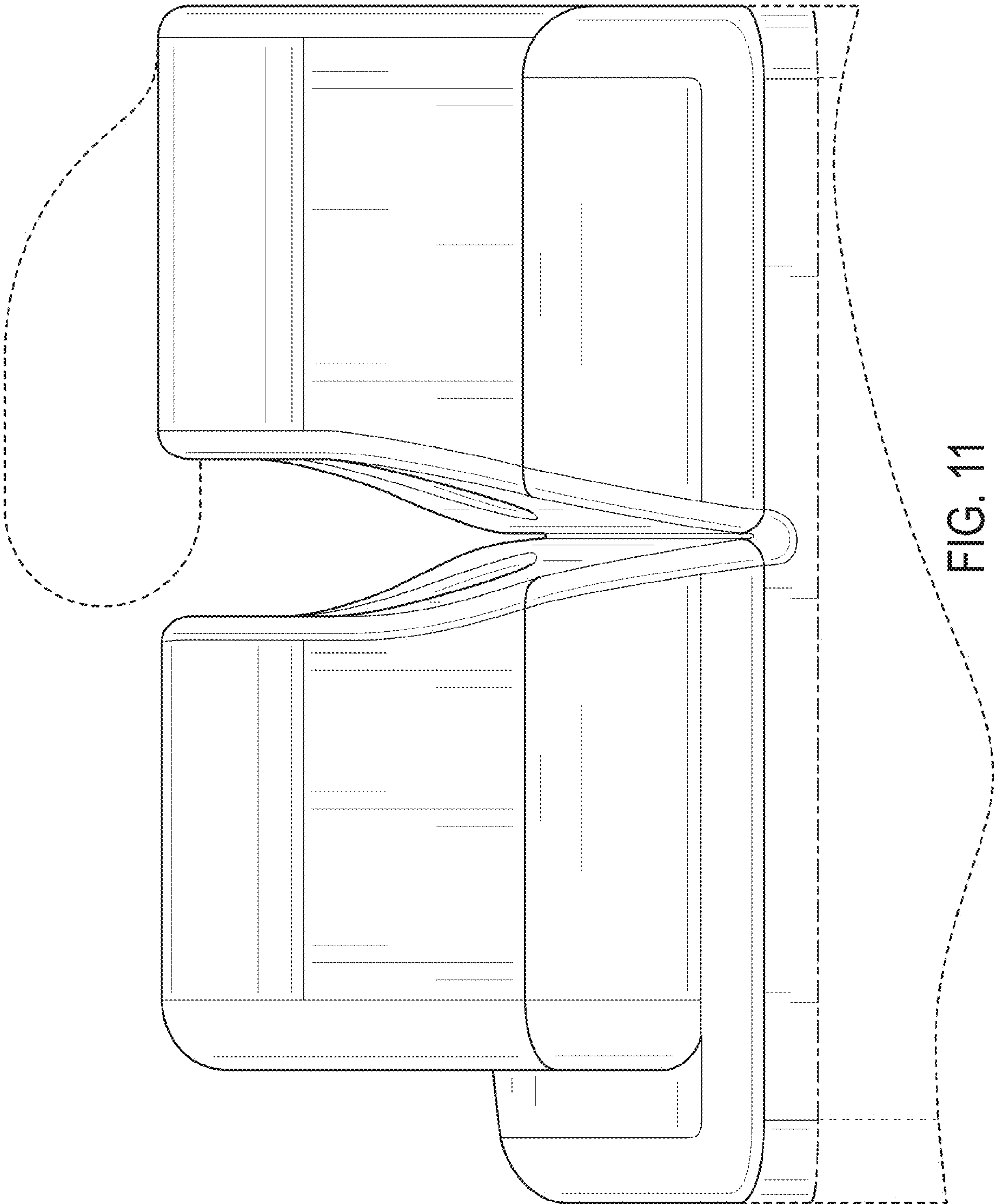


FIG. 11

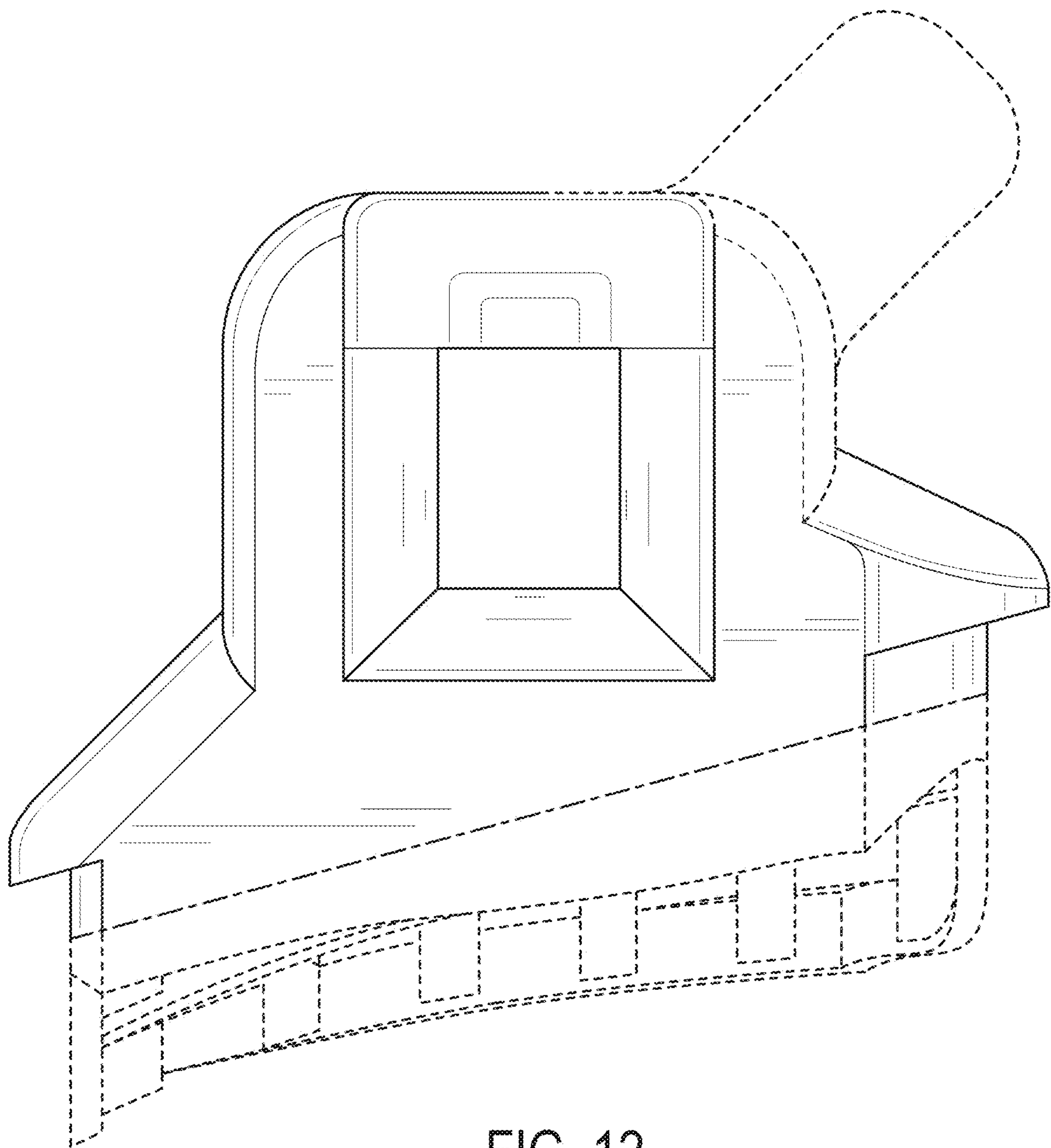


FIG. 12

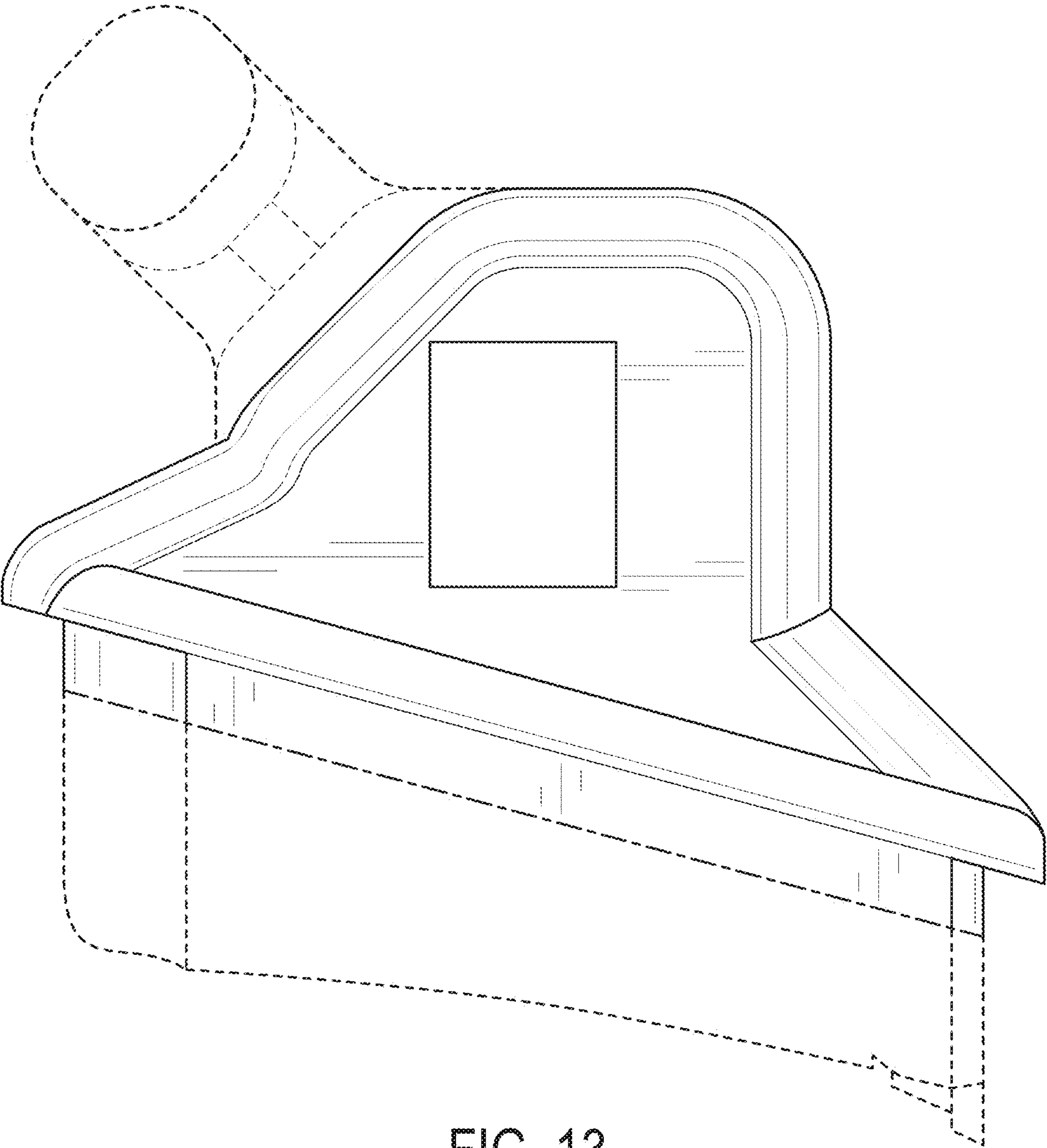


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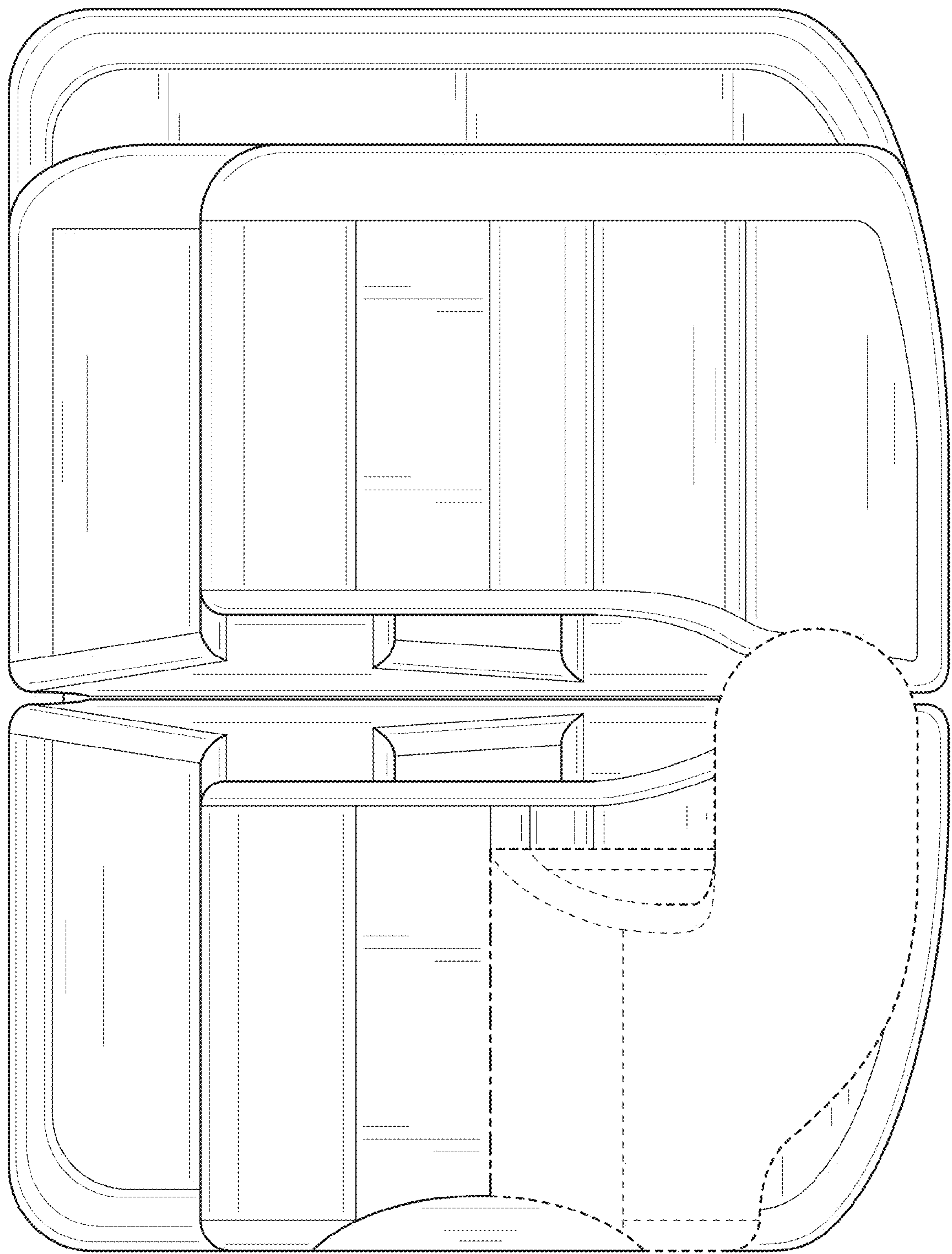


FIG. 14

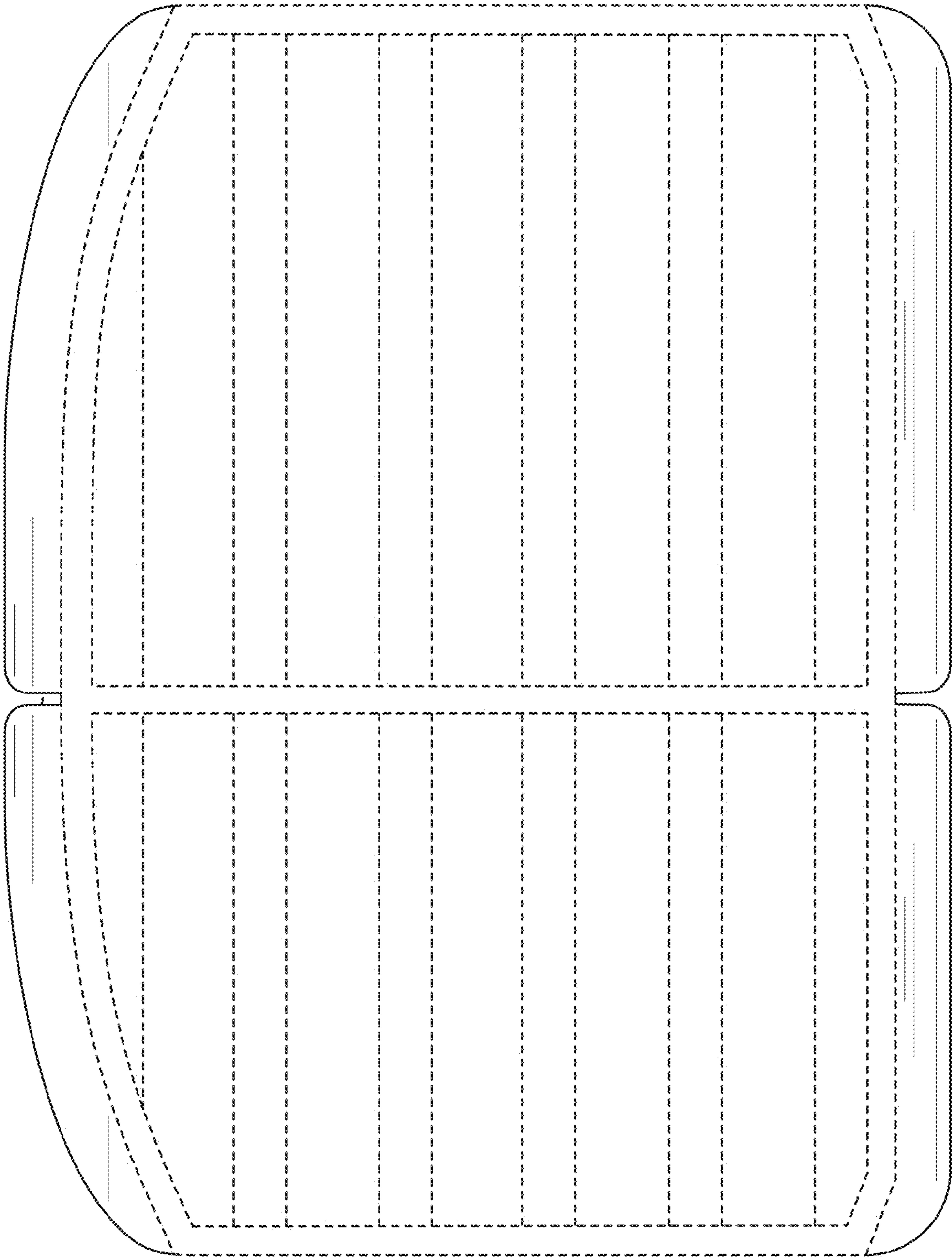


FIG. 15

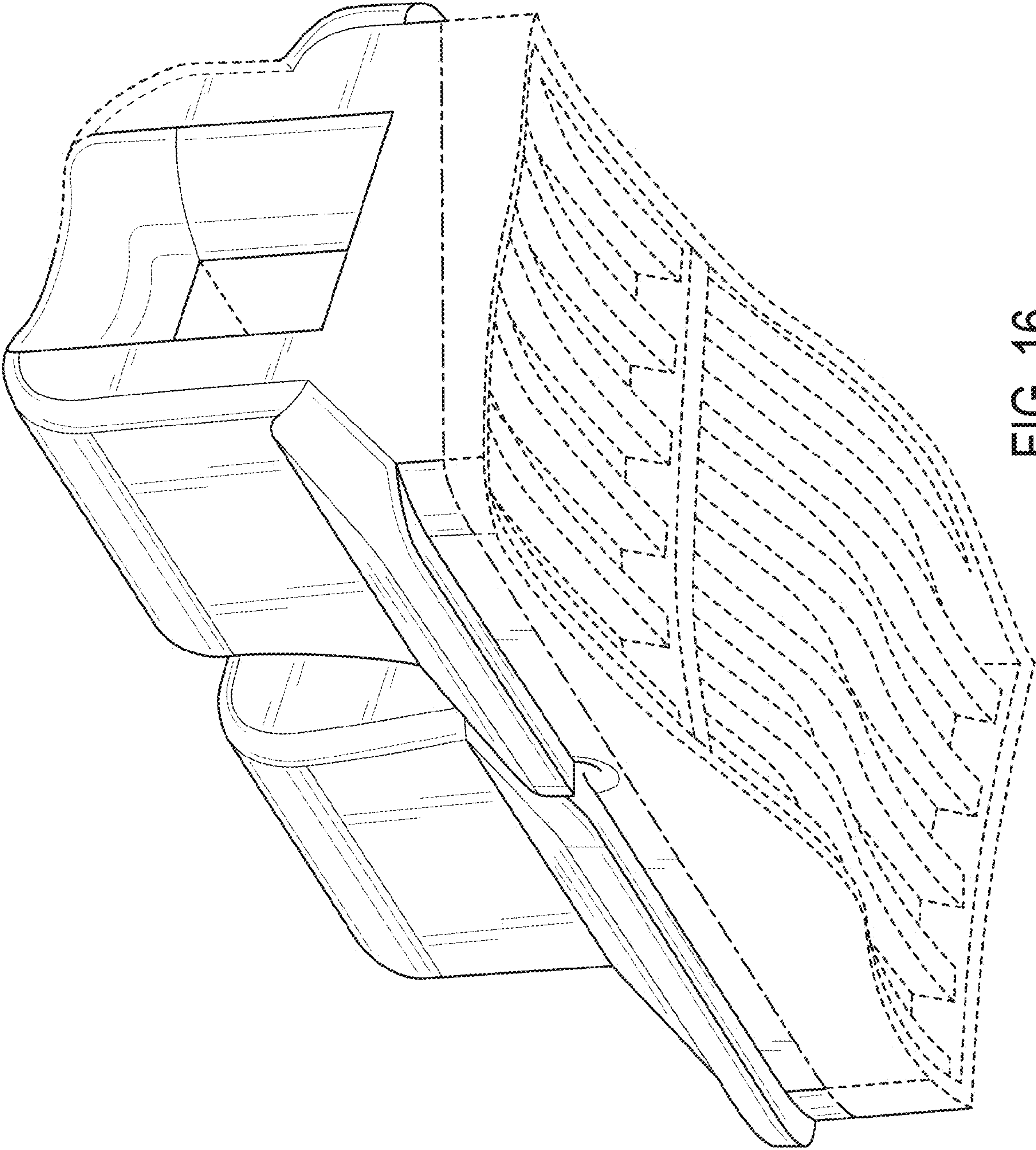


FIG. 16

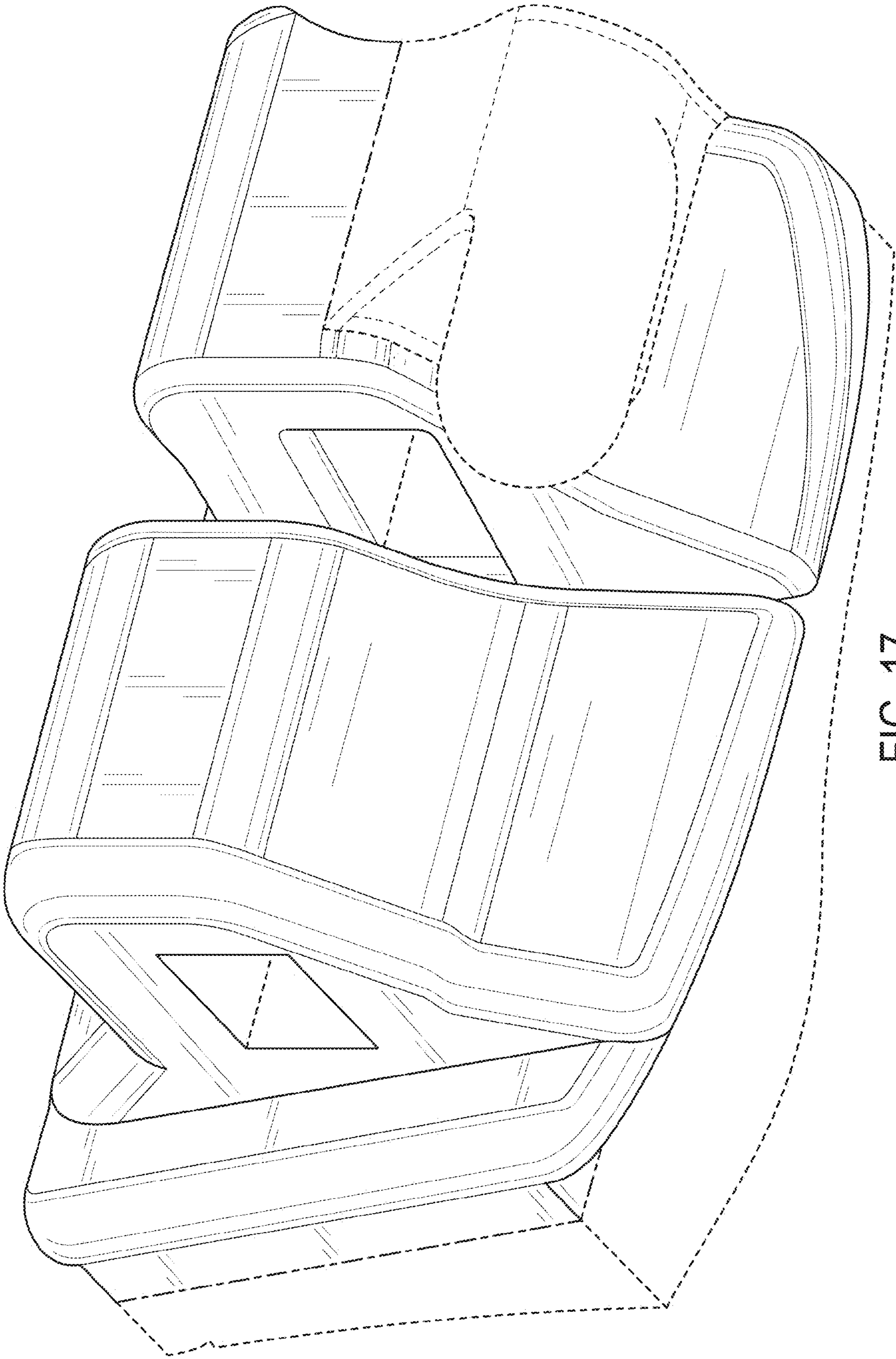


FIG. 17

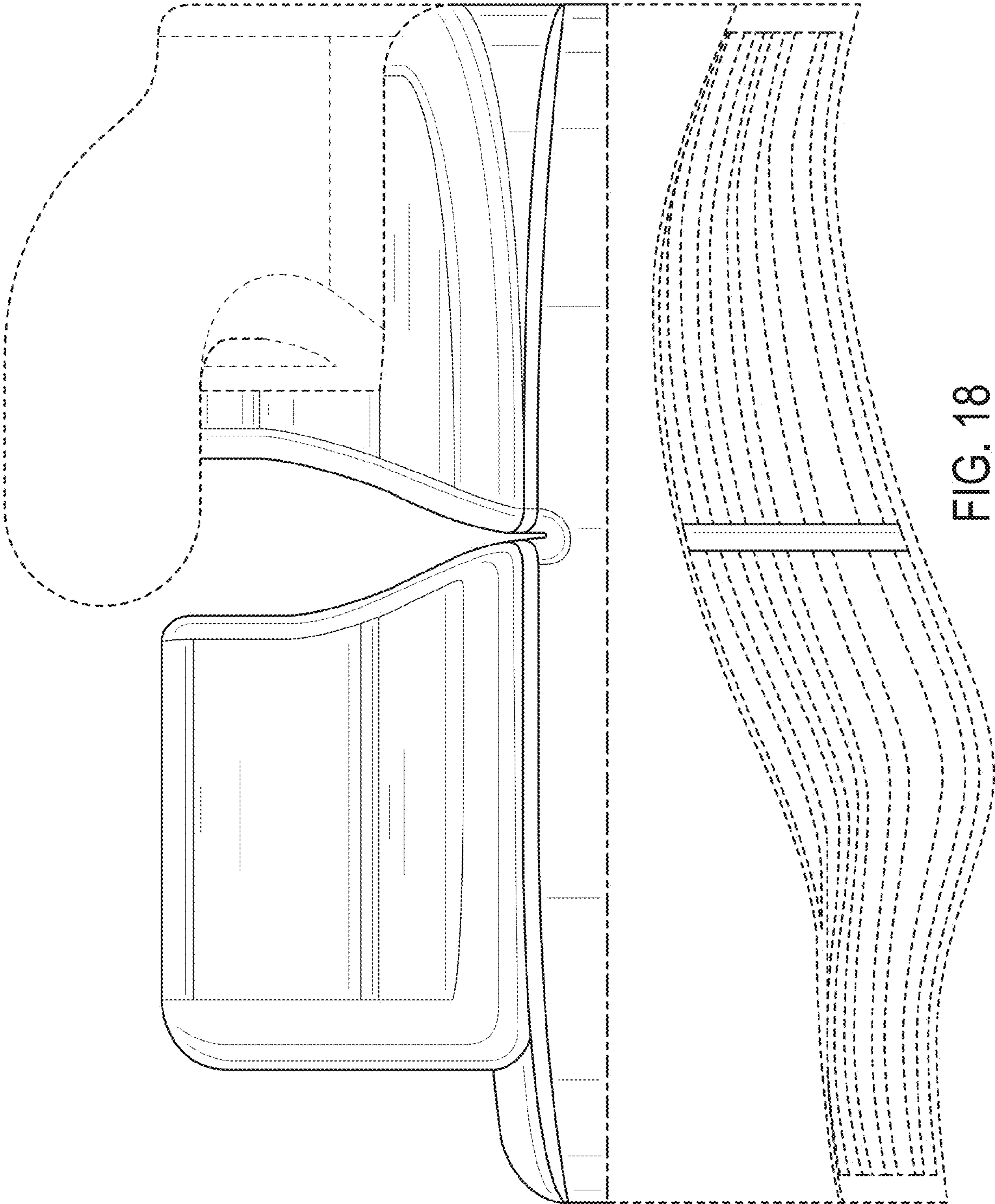


FIG. 18

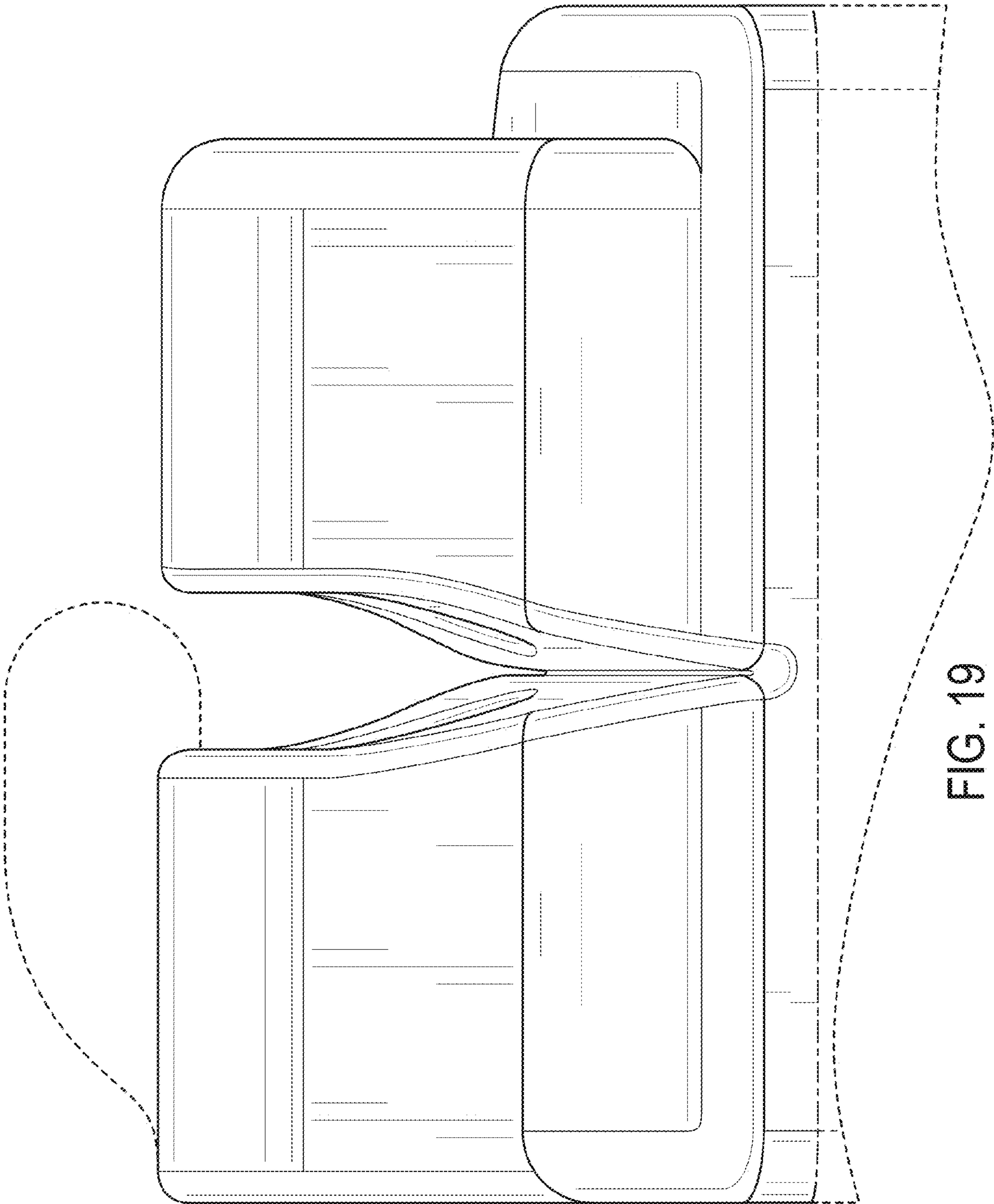


FIG. 19

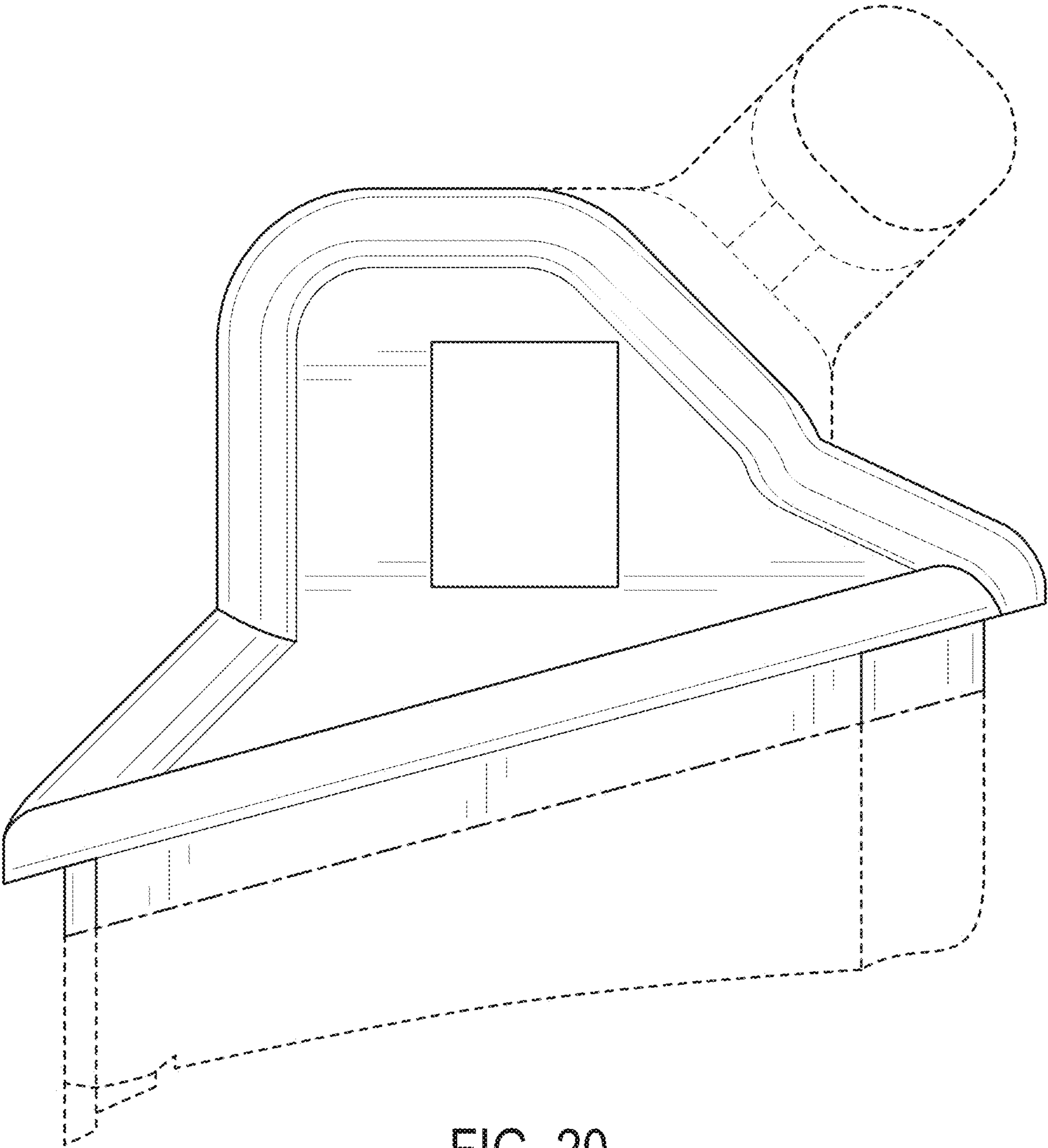


FIG. 20

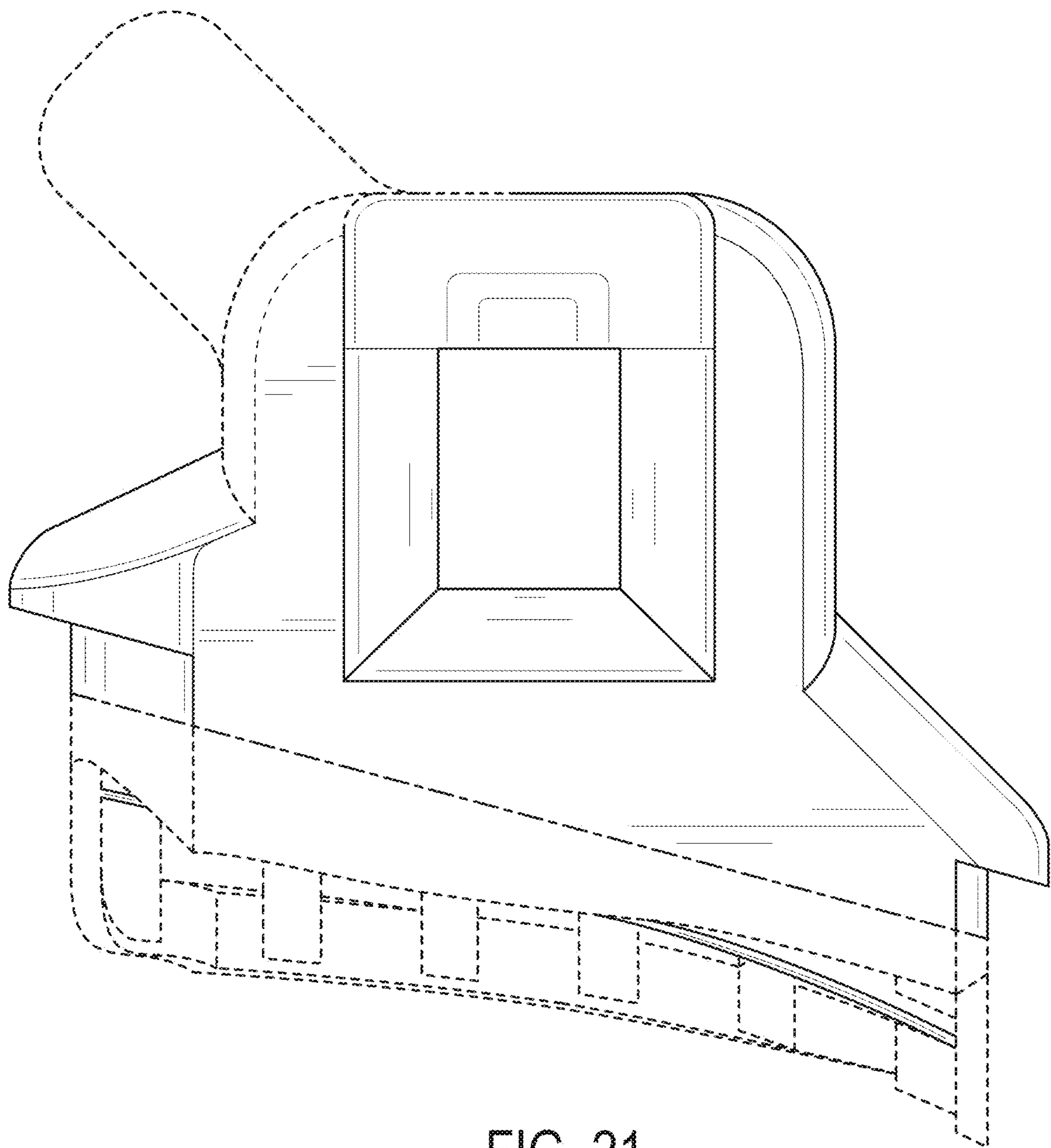


FIG. 21

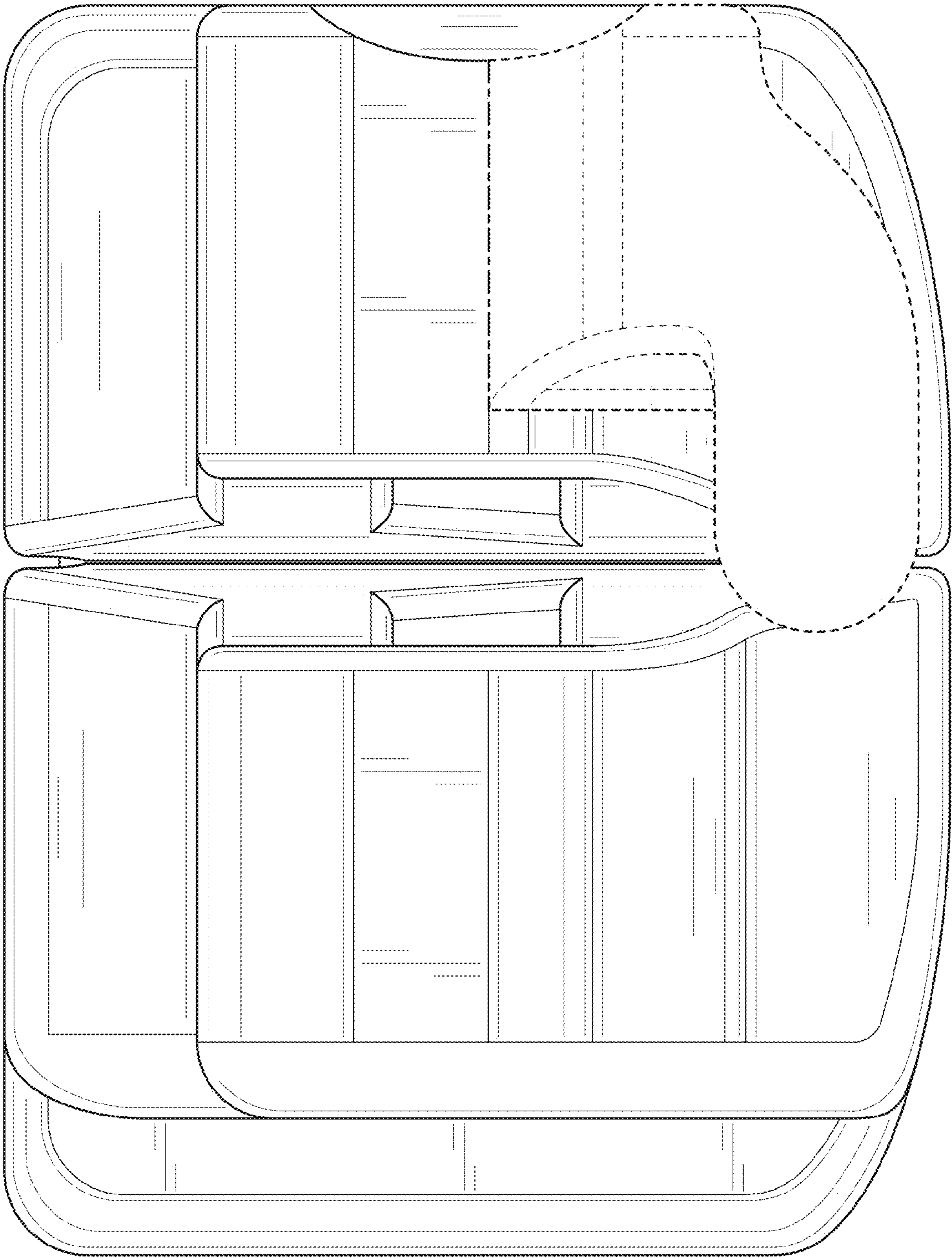


FIG. 22

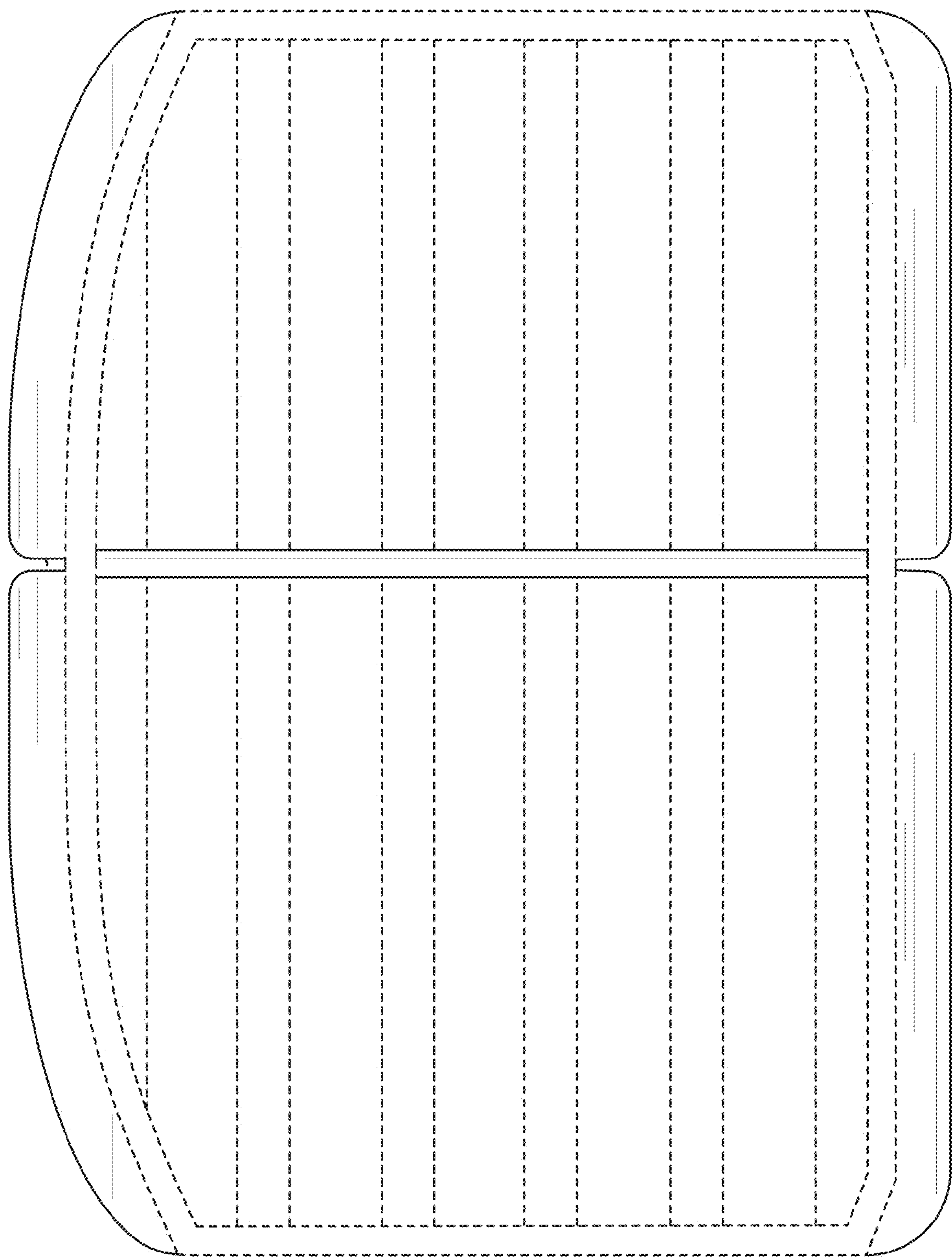


FIG. 23

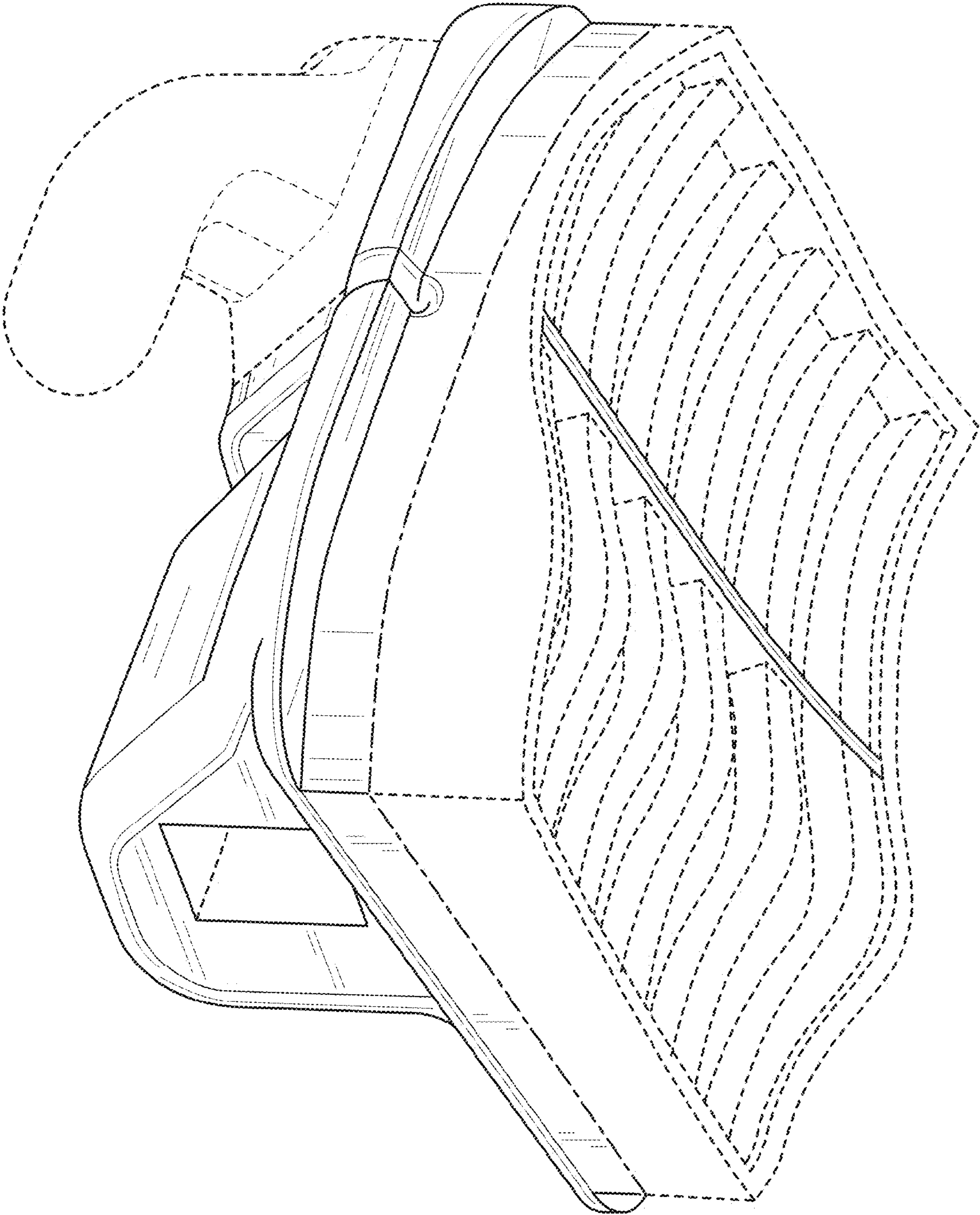


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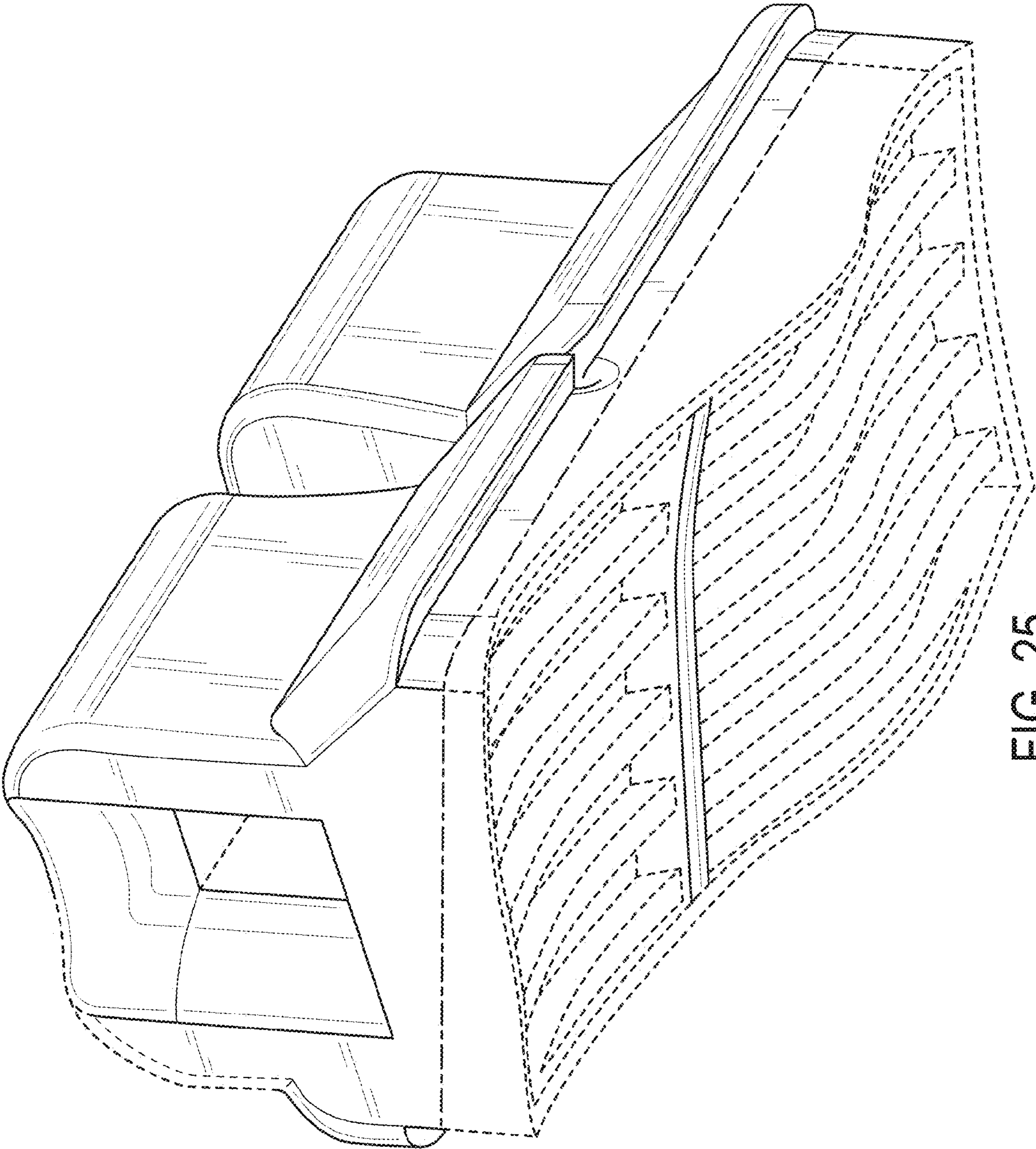


FIG. 25

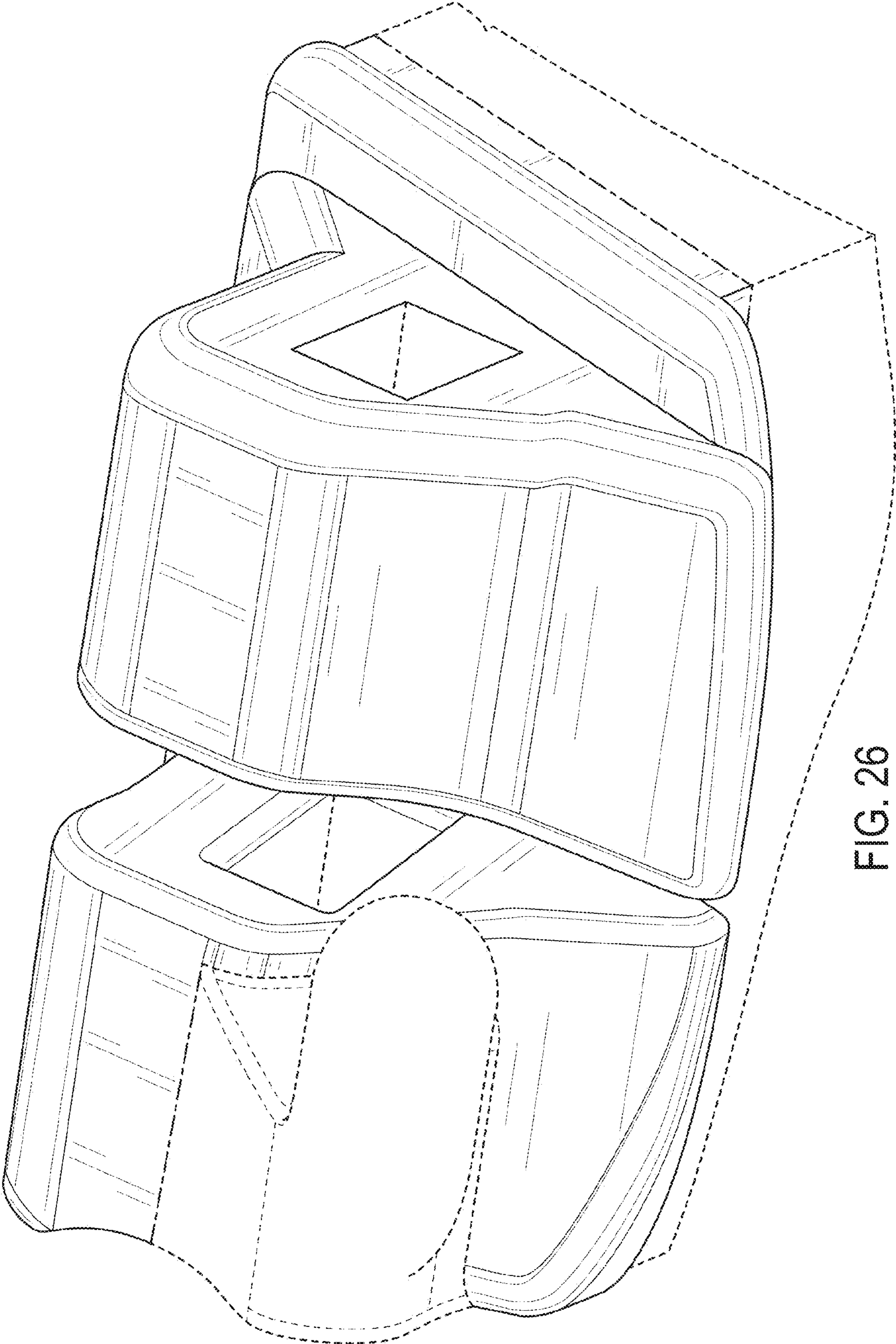


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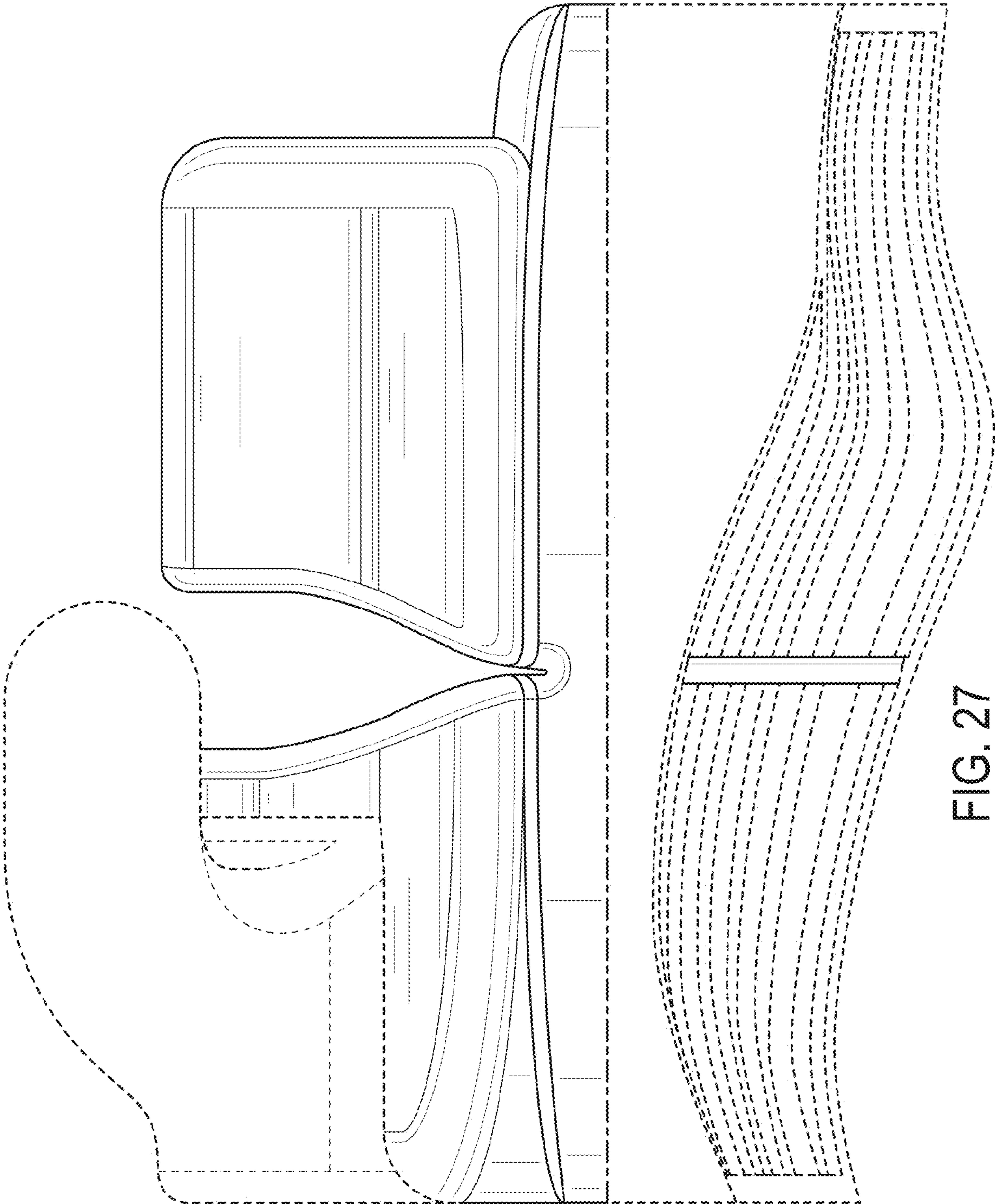


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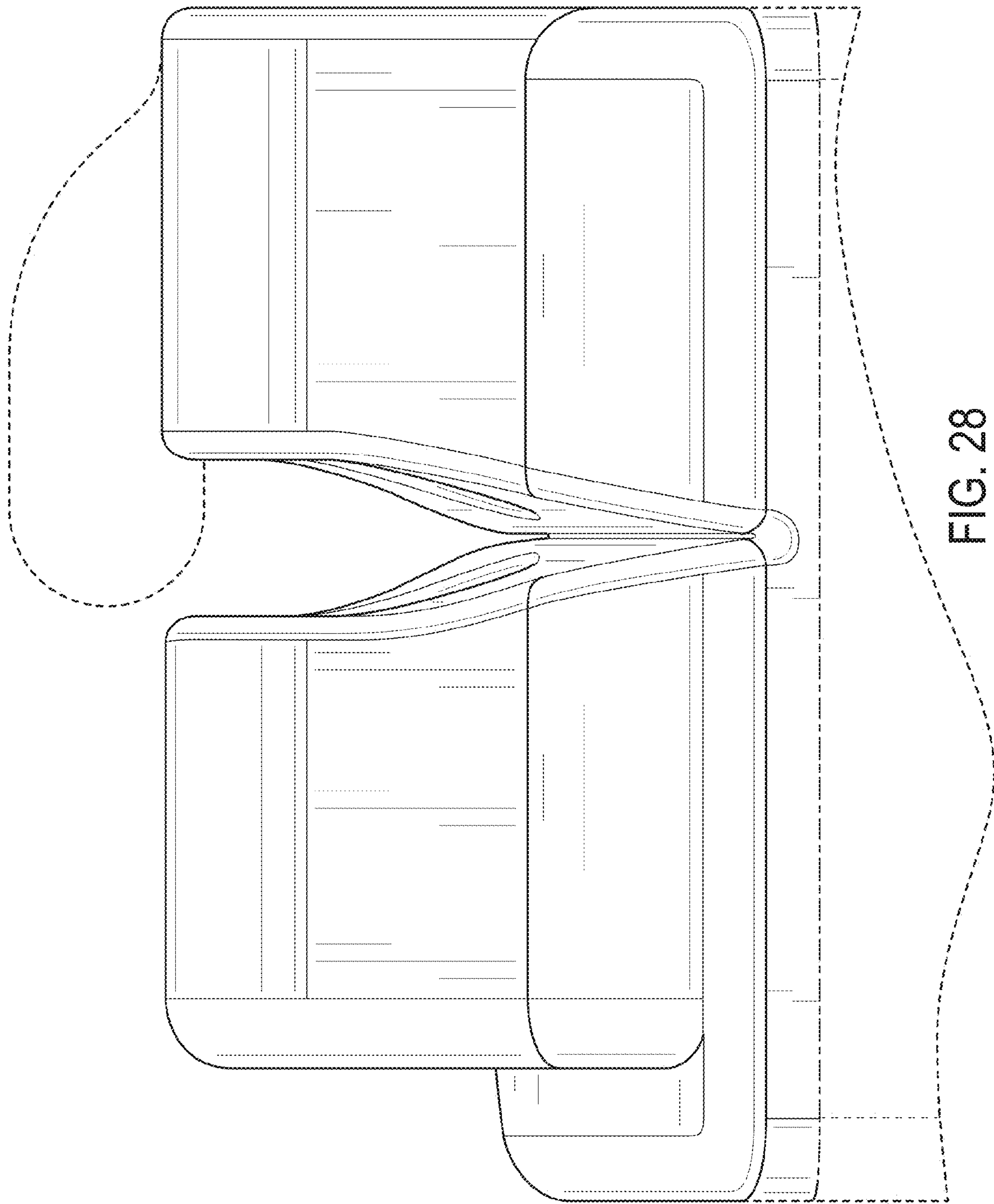


FIG. 28

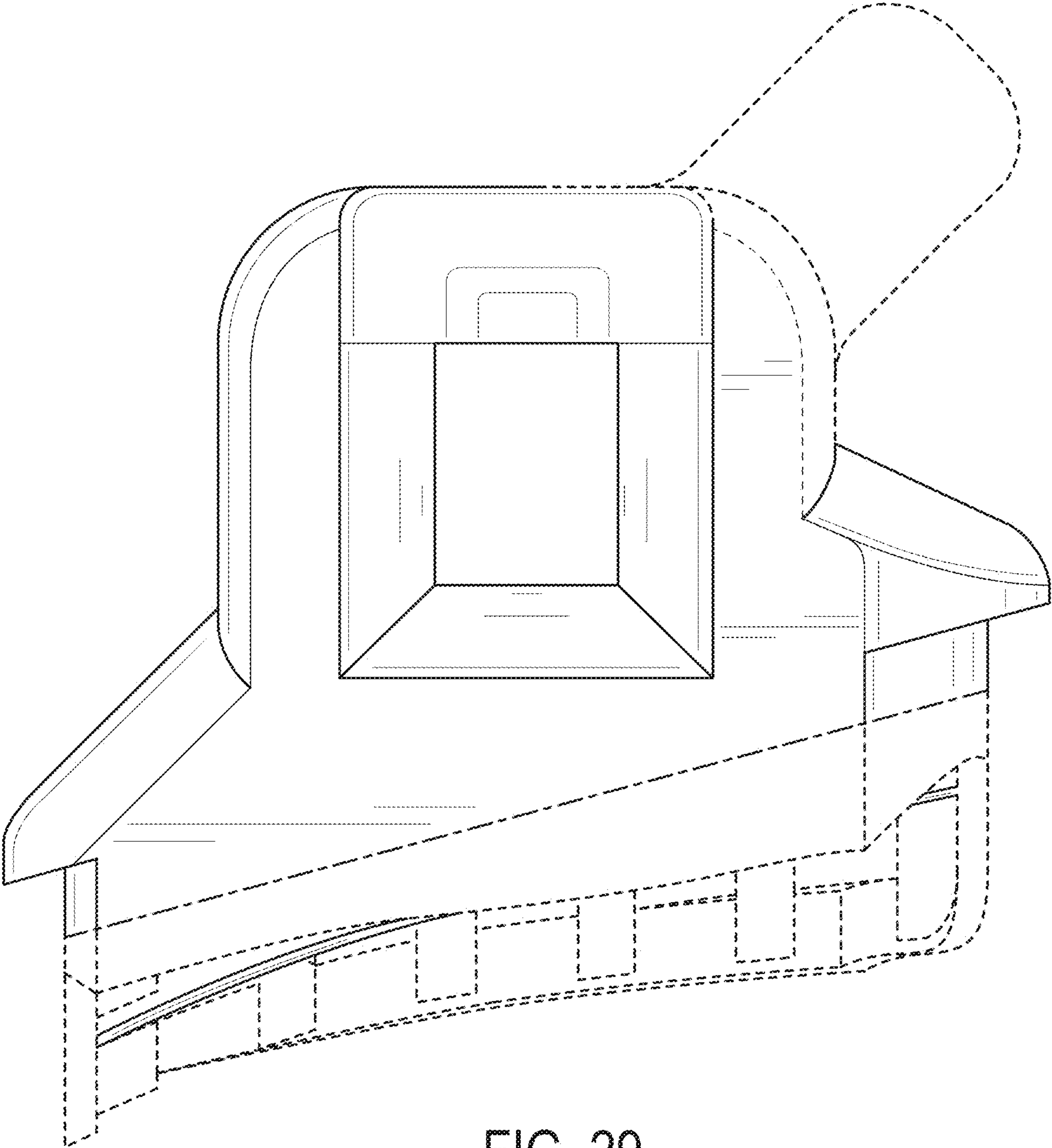


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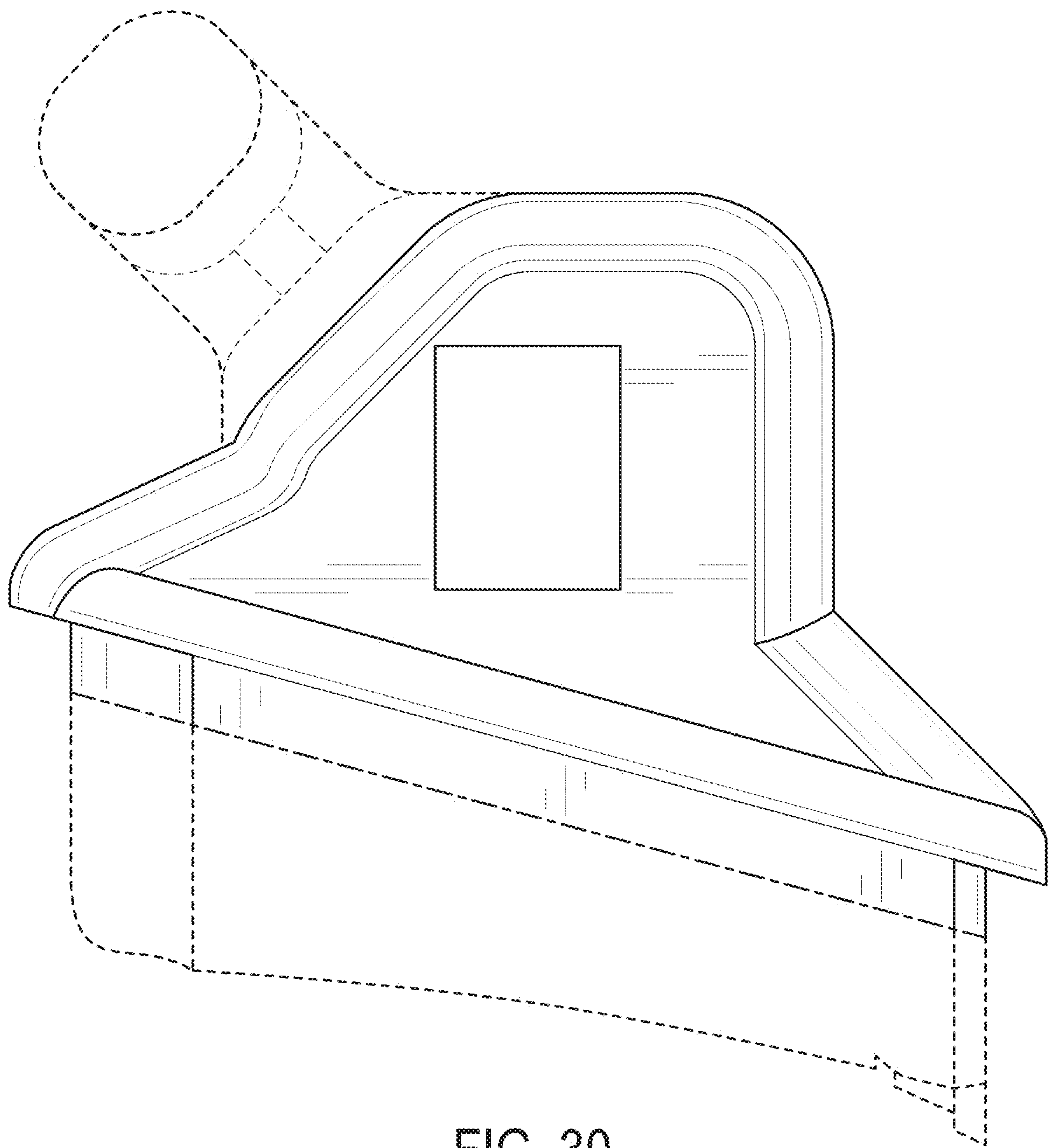


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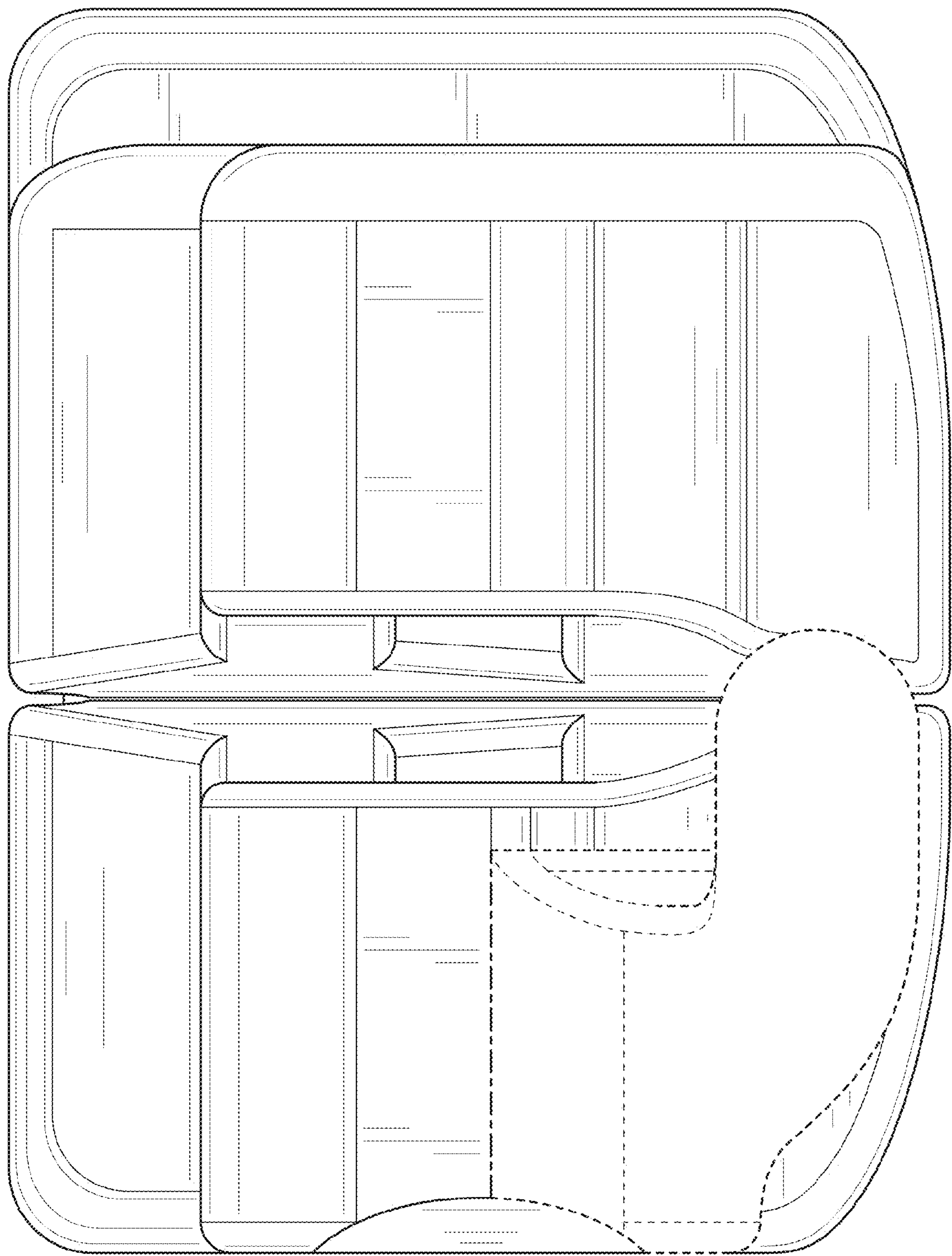


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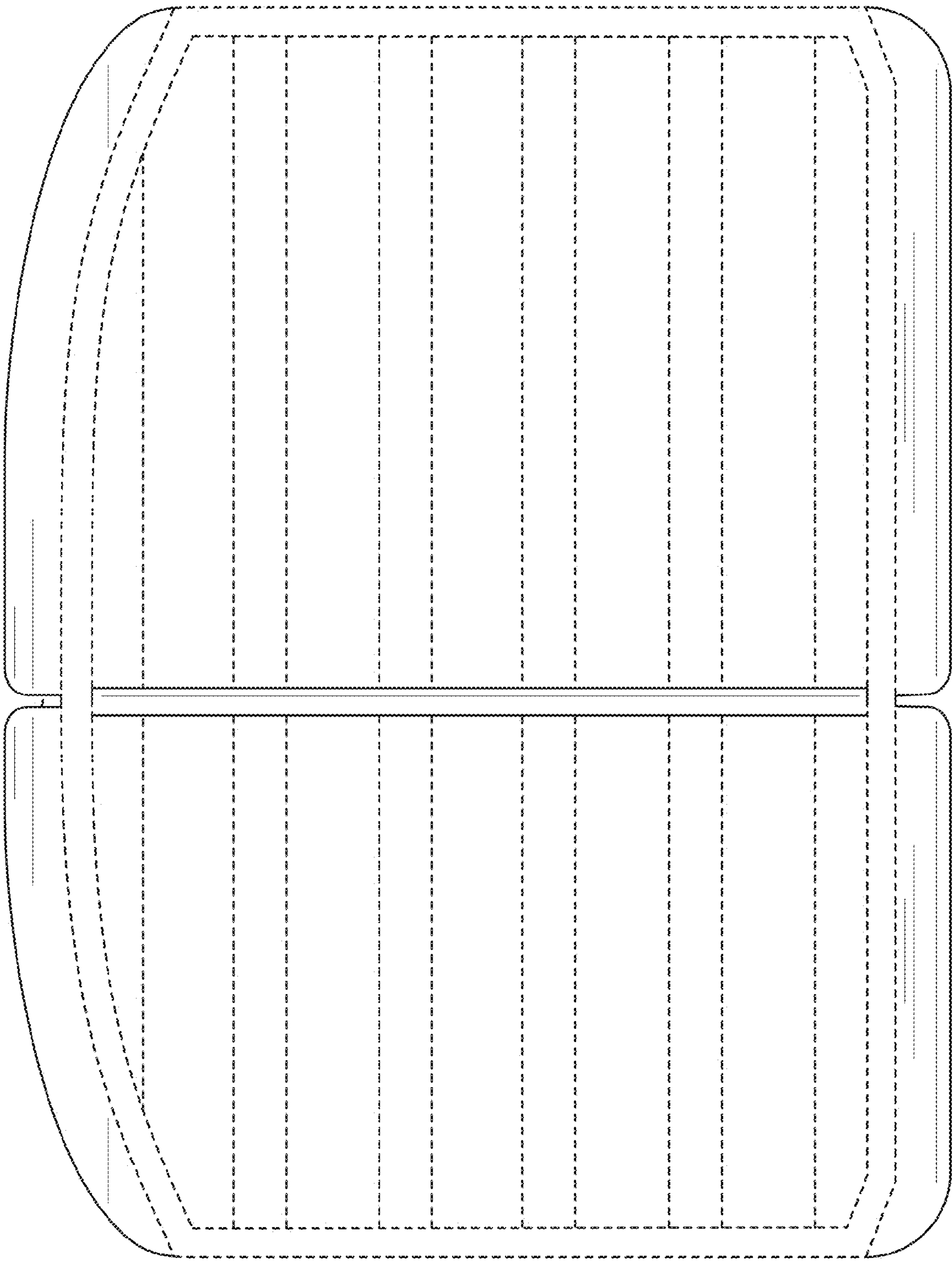


FIG. 32

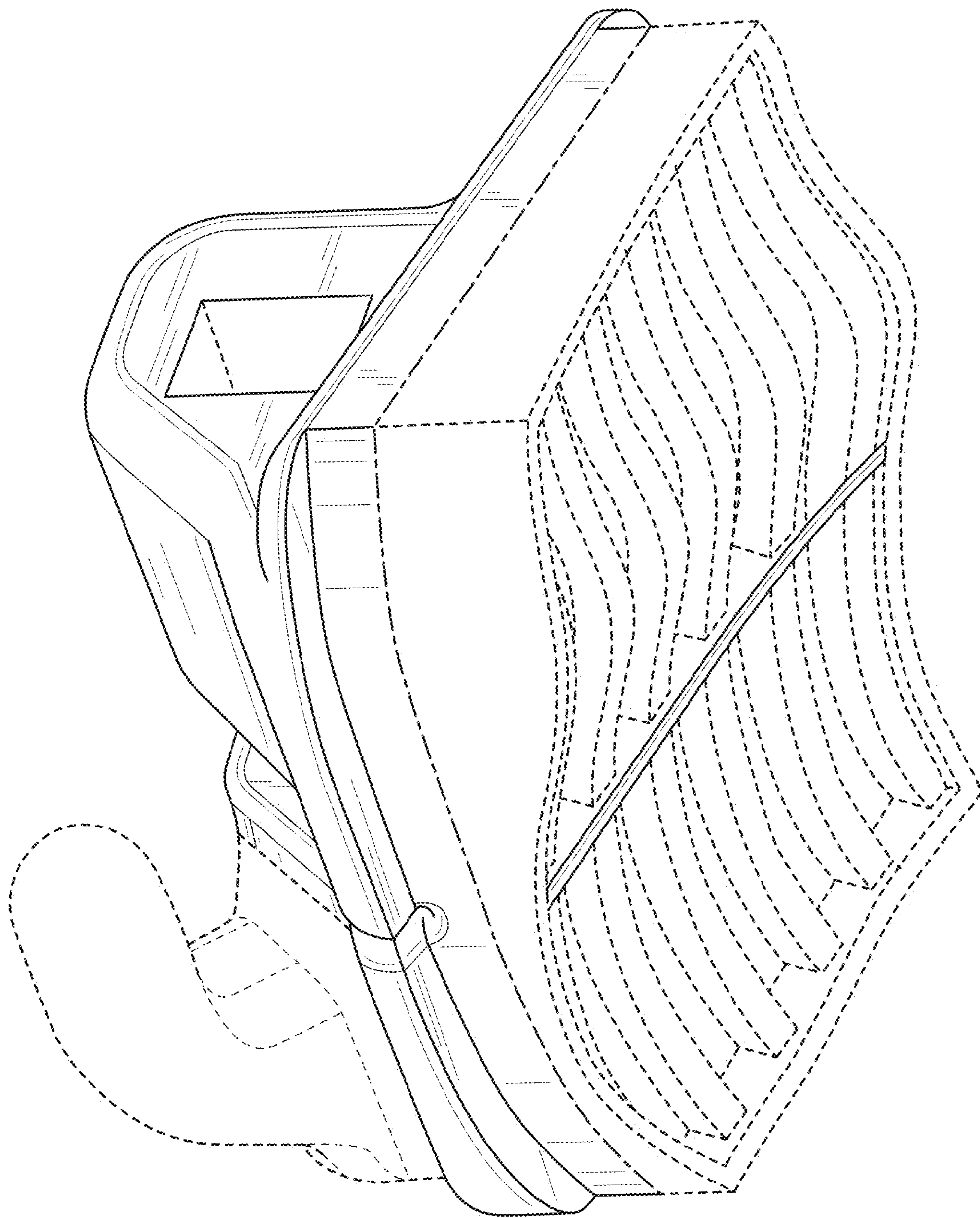


FIG. 33

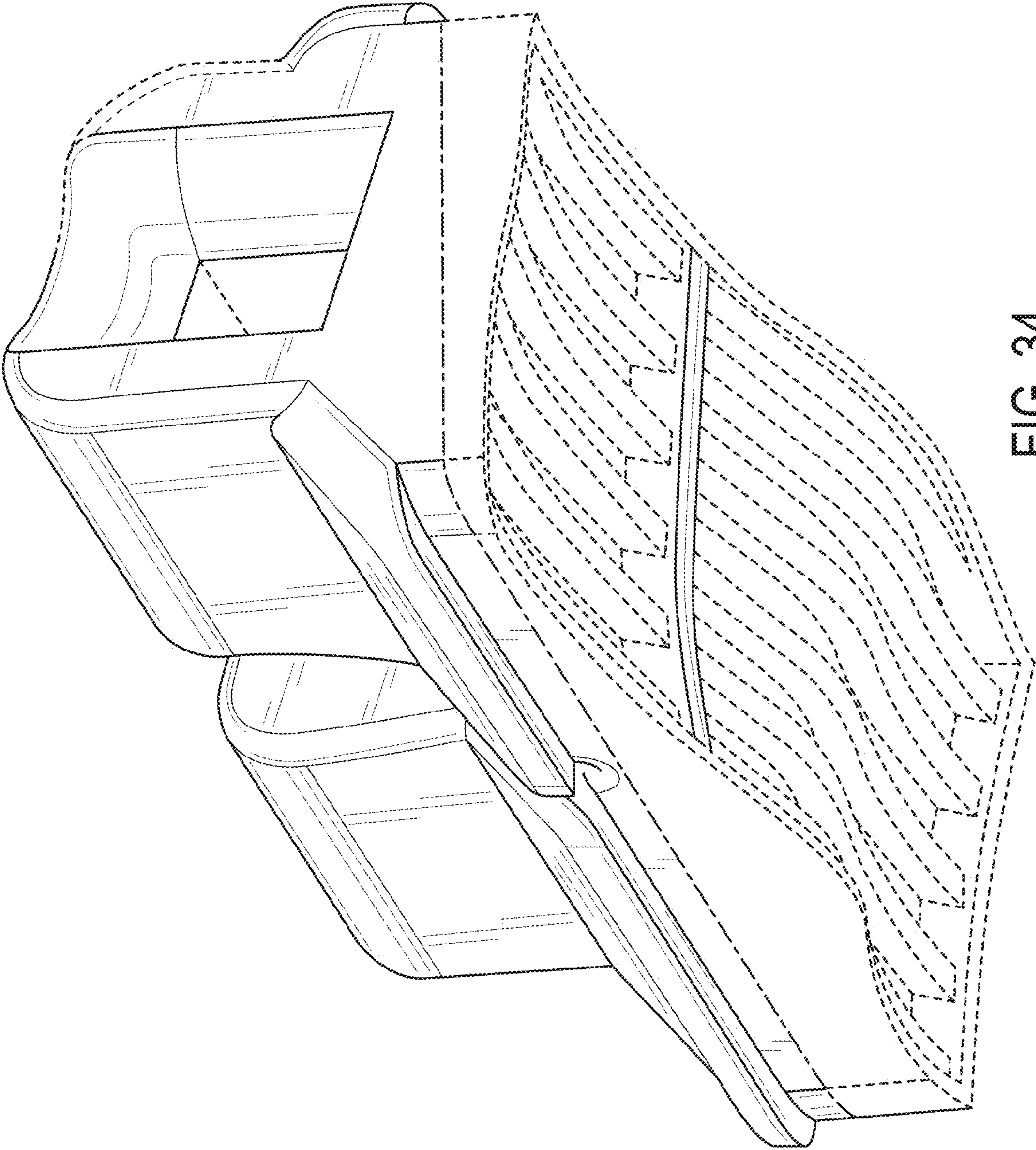


FIG. 34

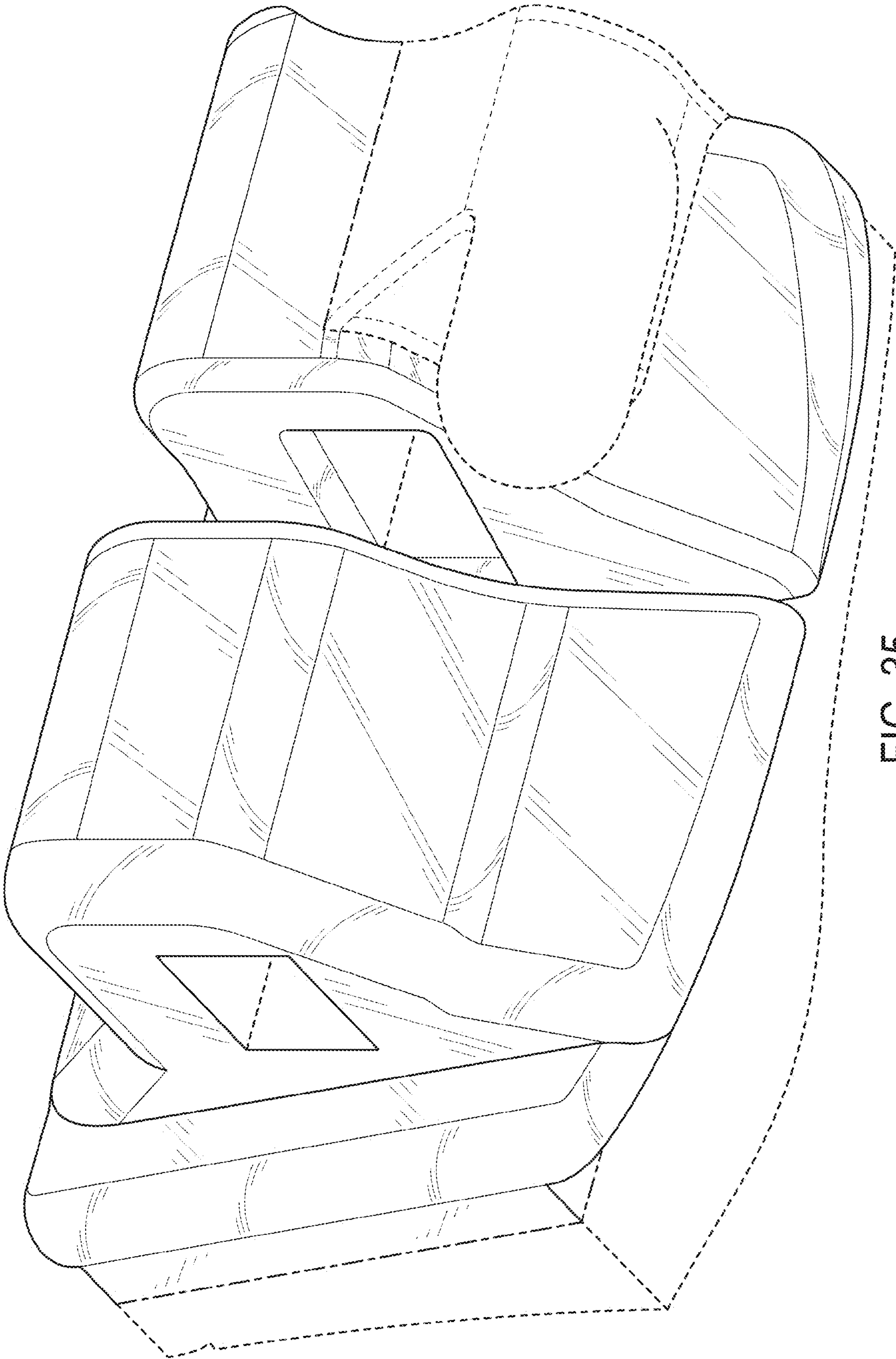
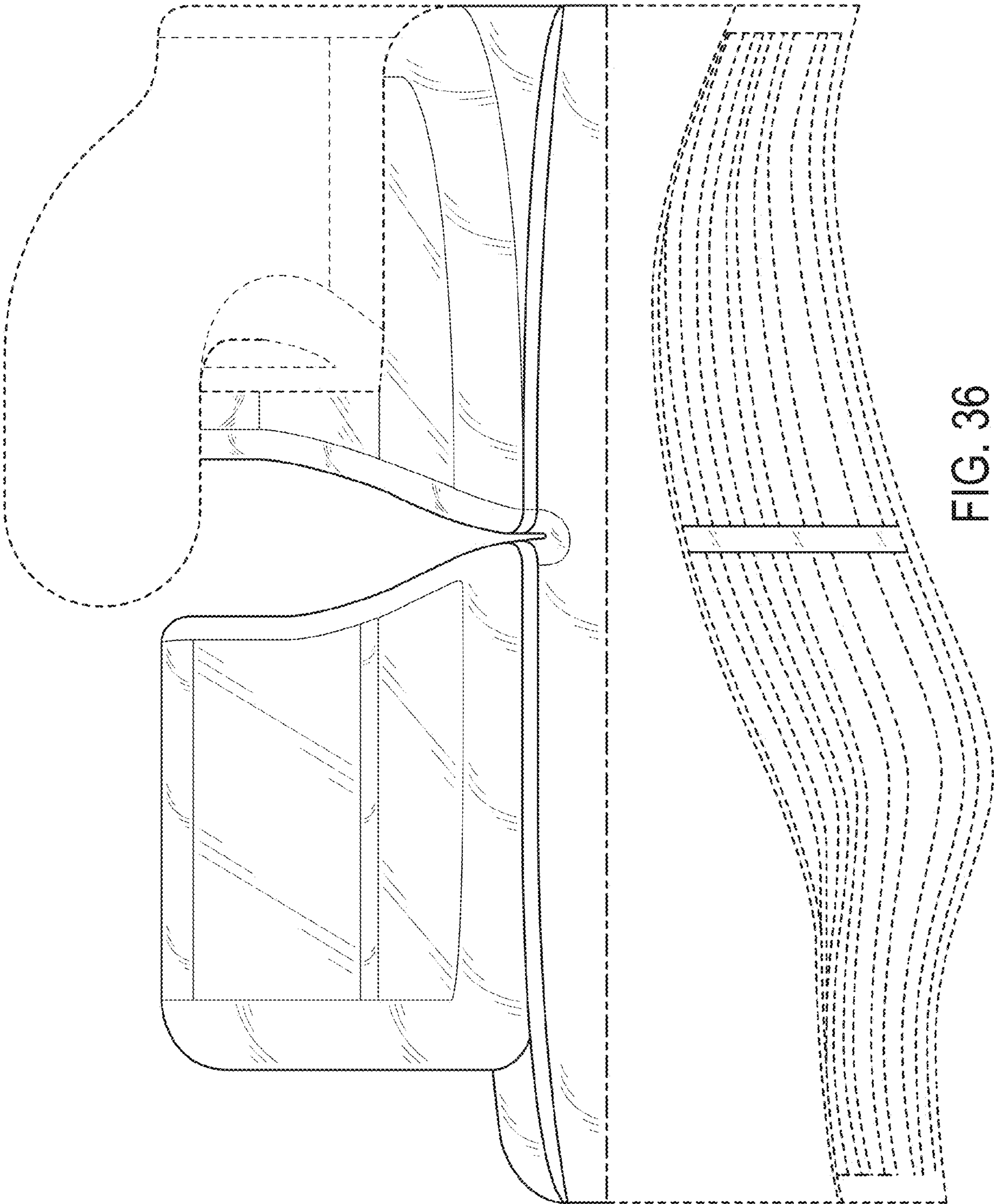
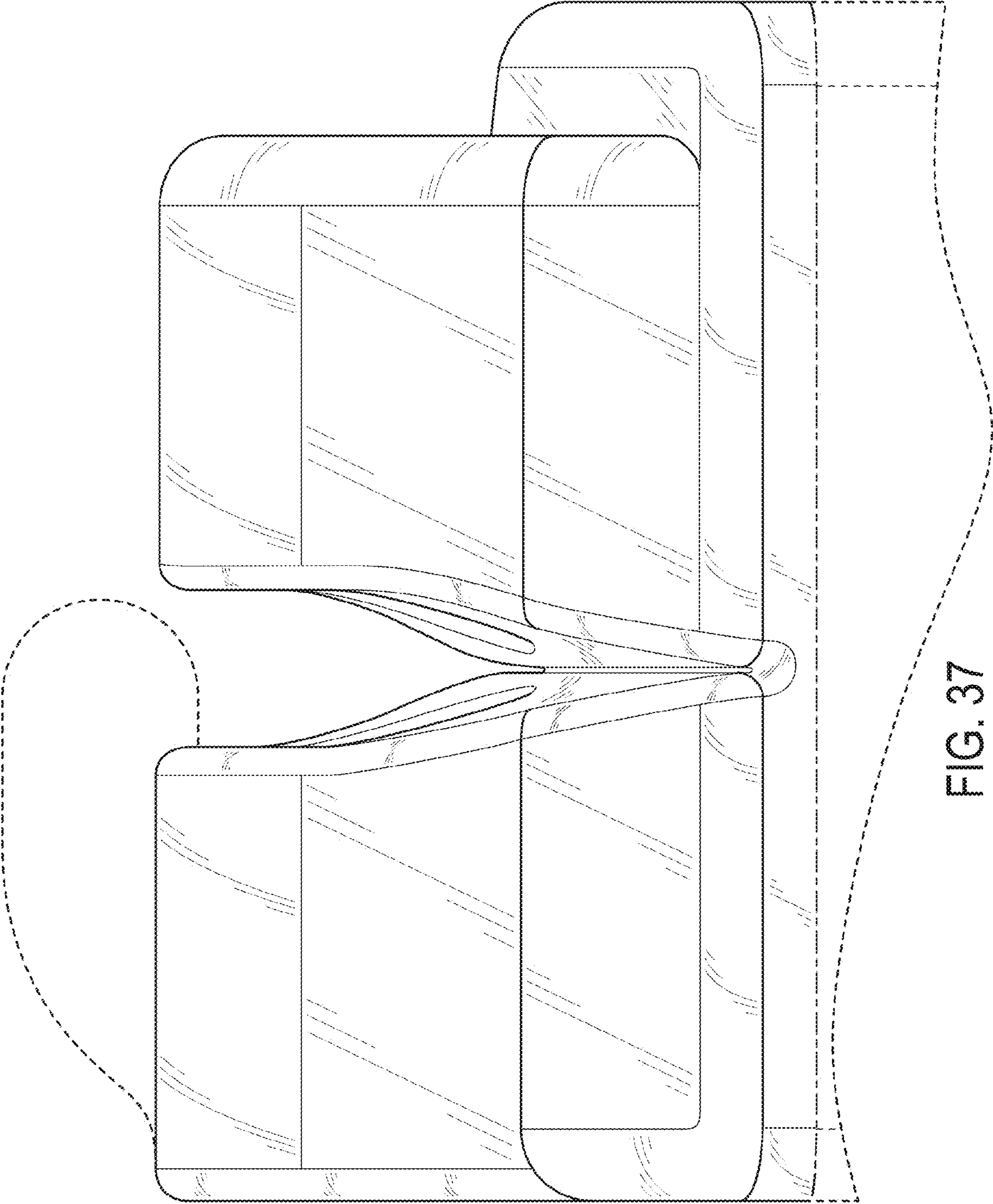


FIG. 35





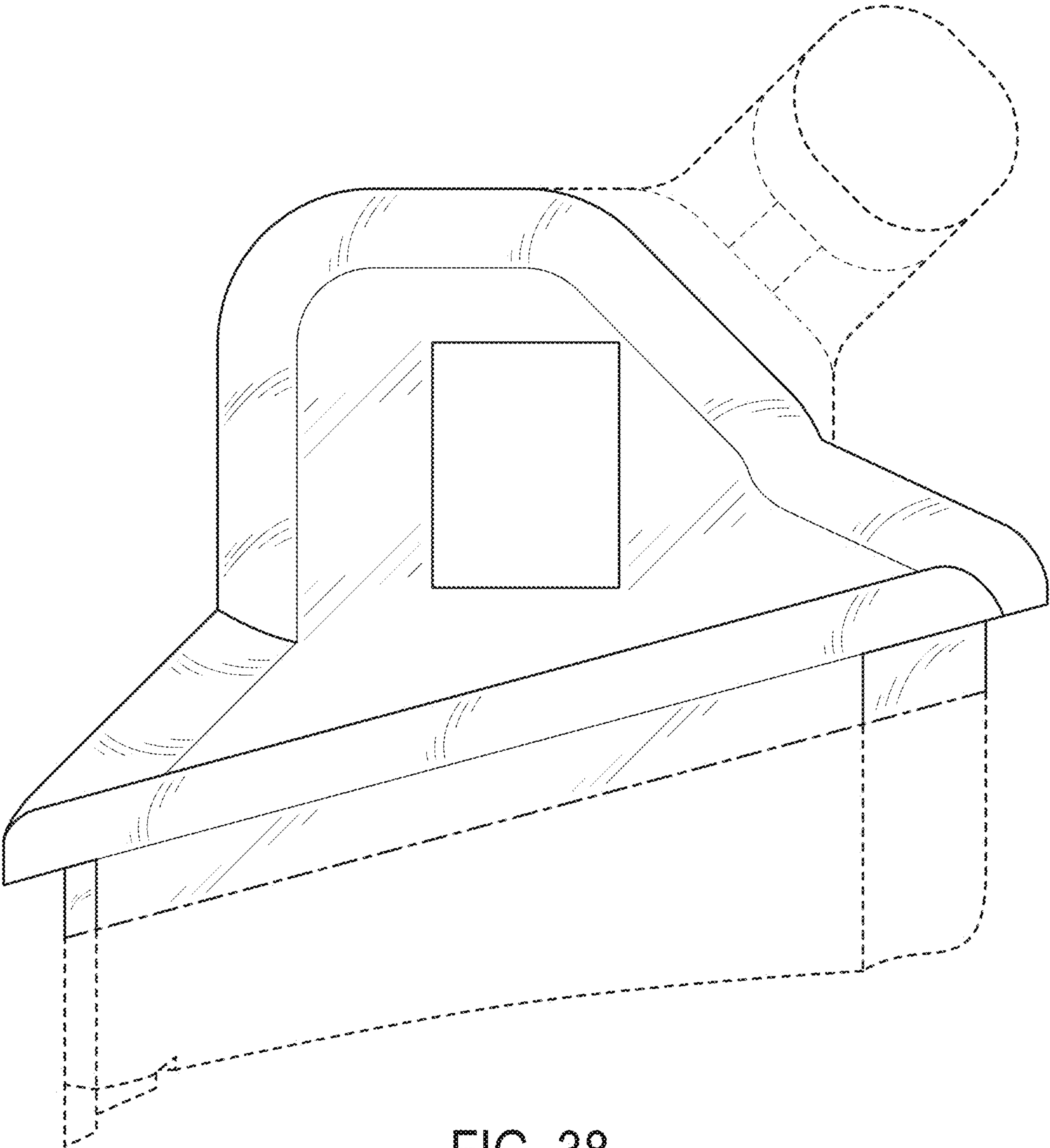


FIG. 38

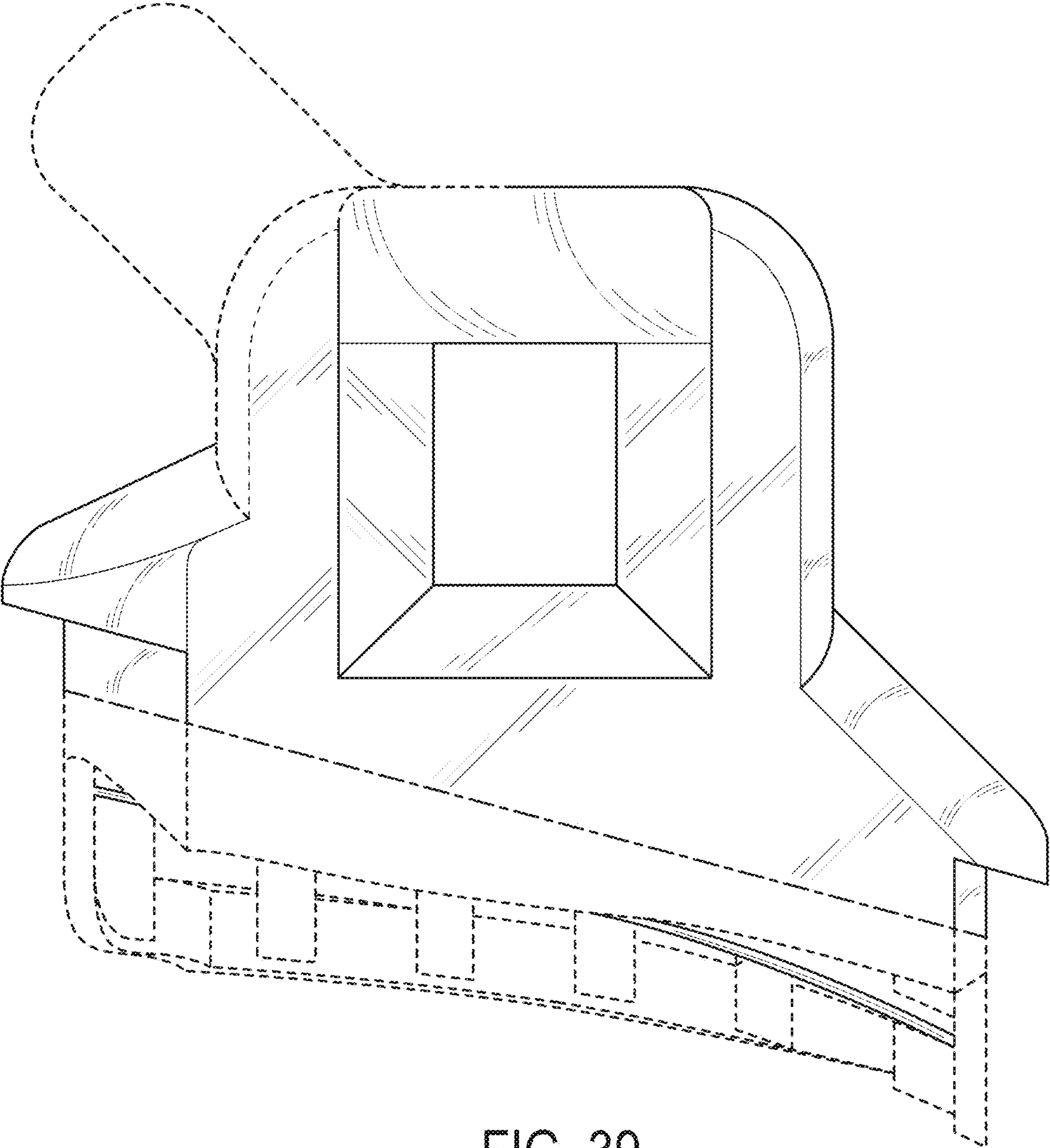


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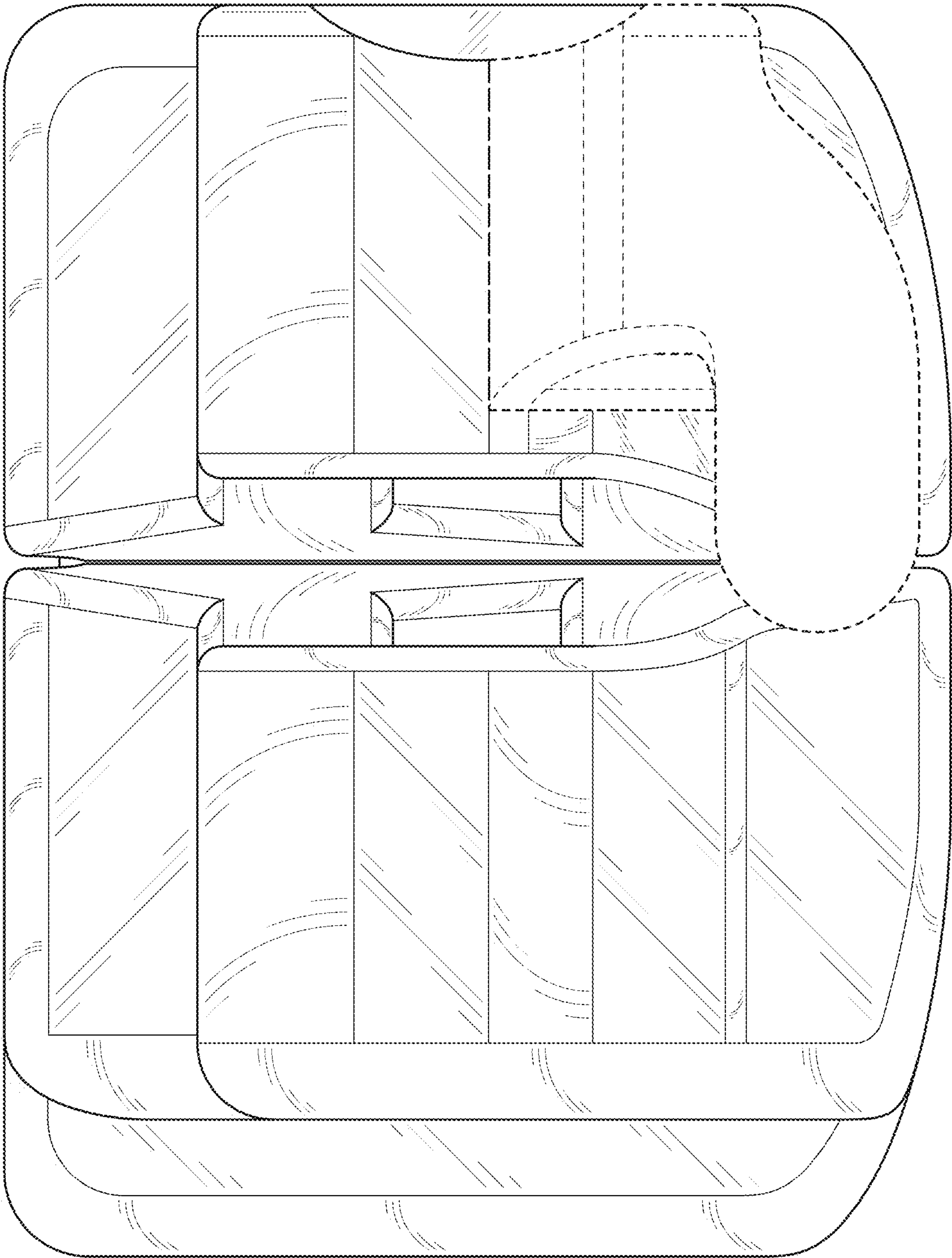


FIG. 40

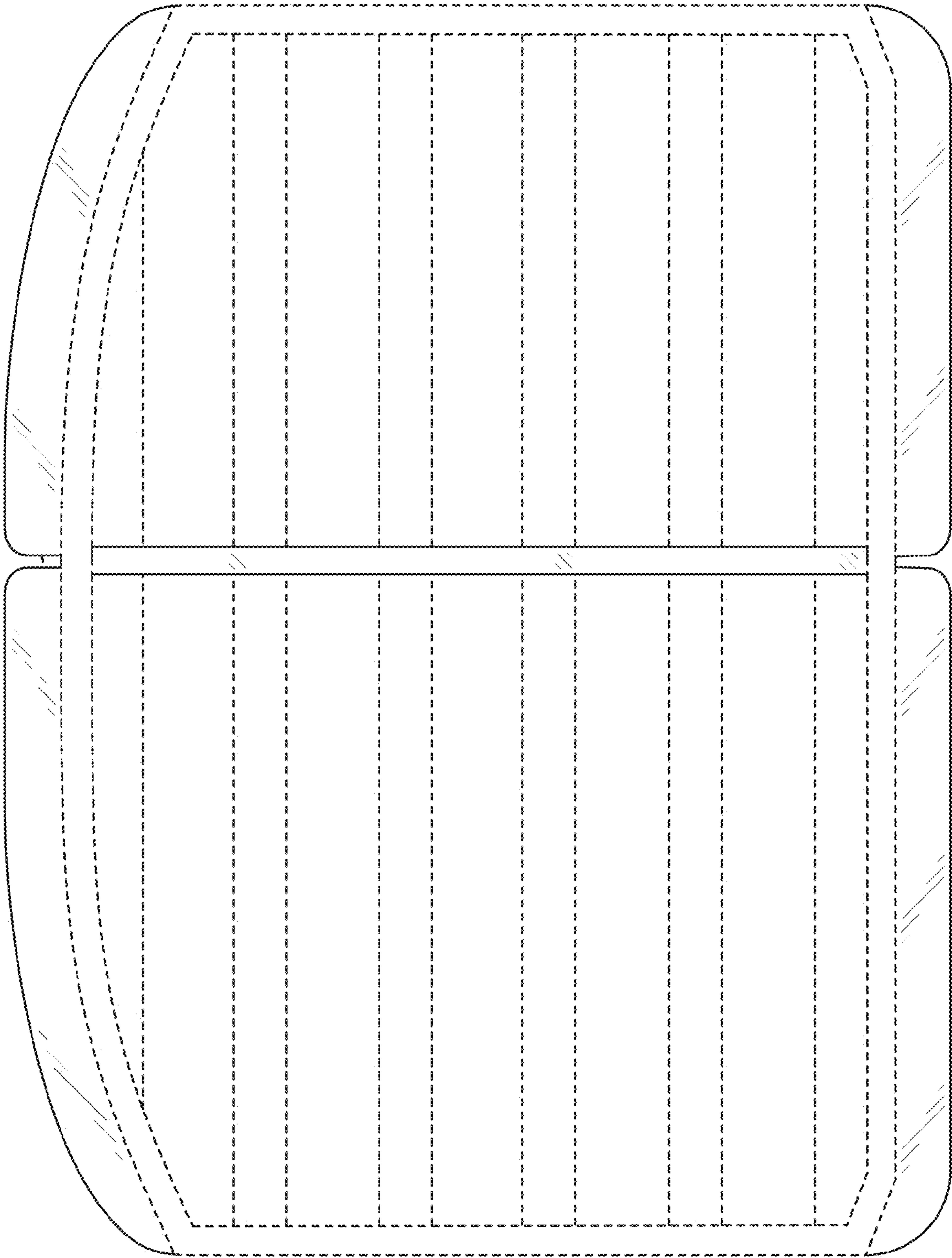


FIG. 41

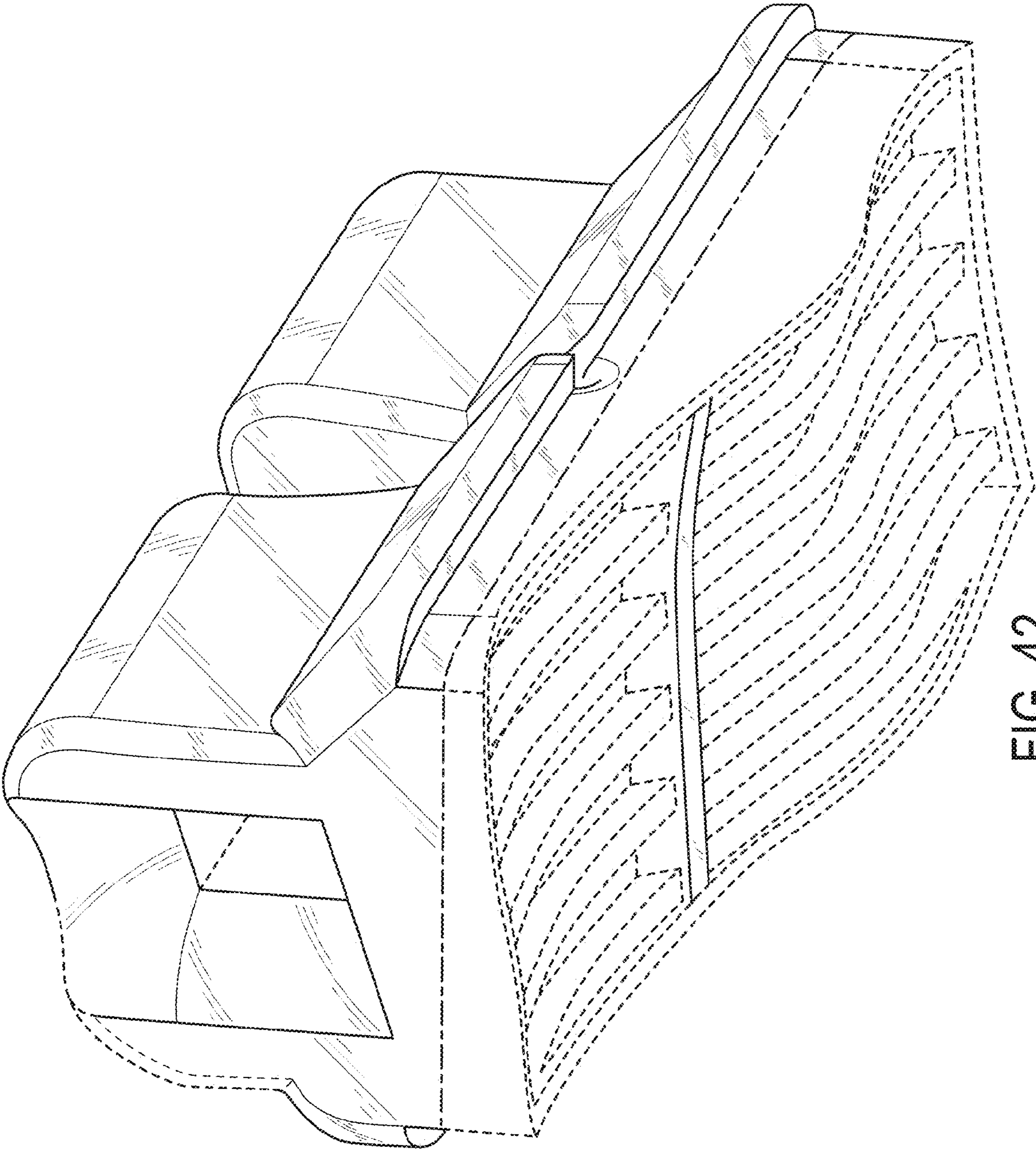


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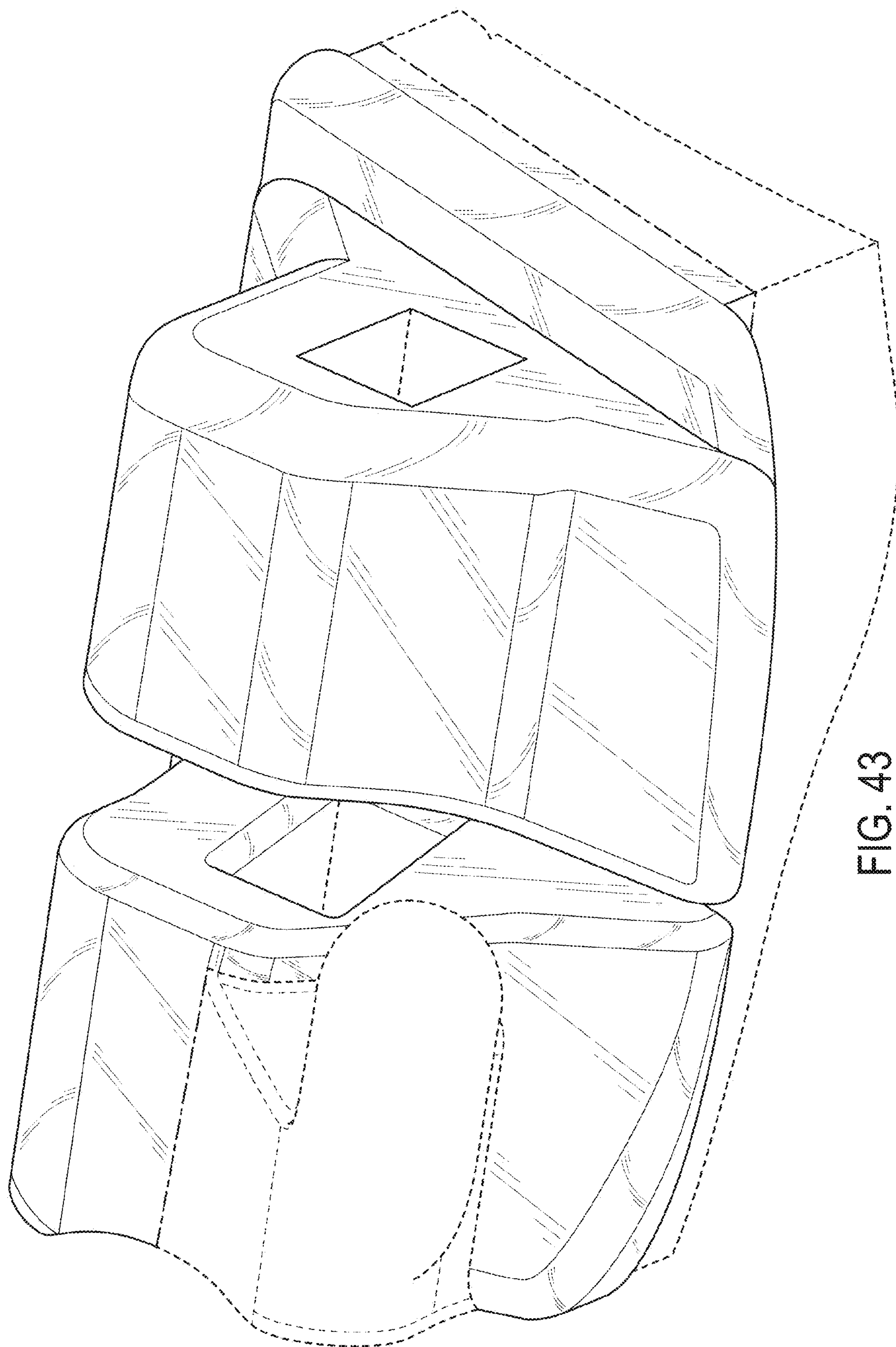


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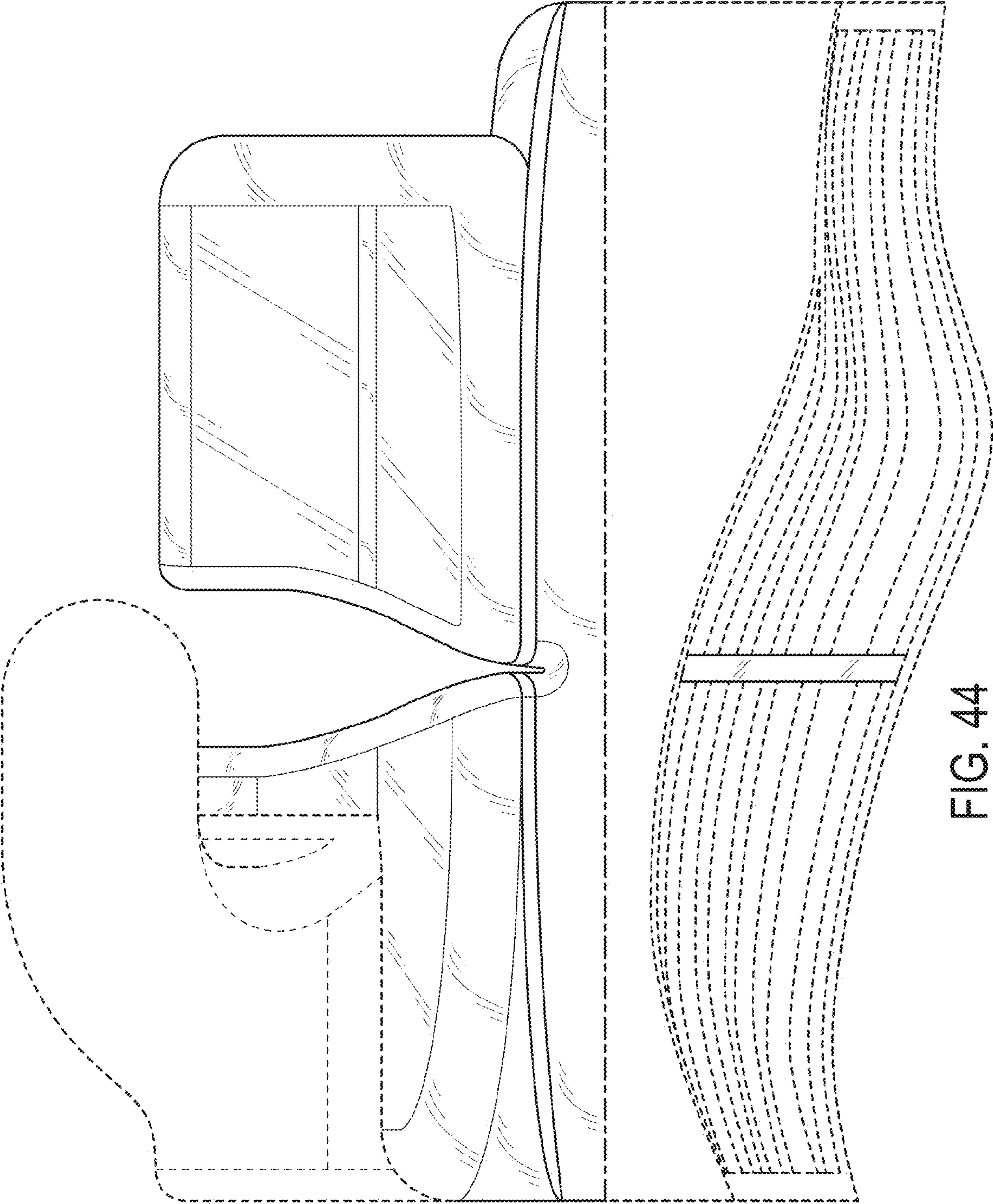


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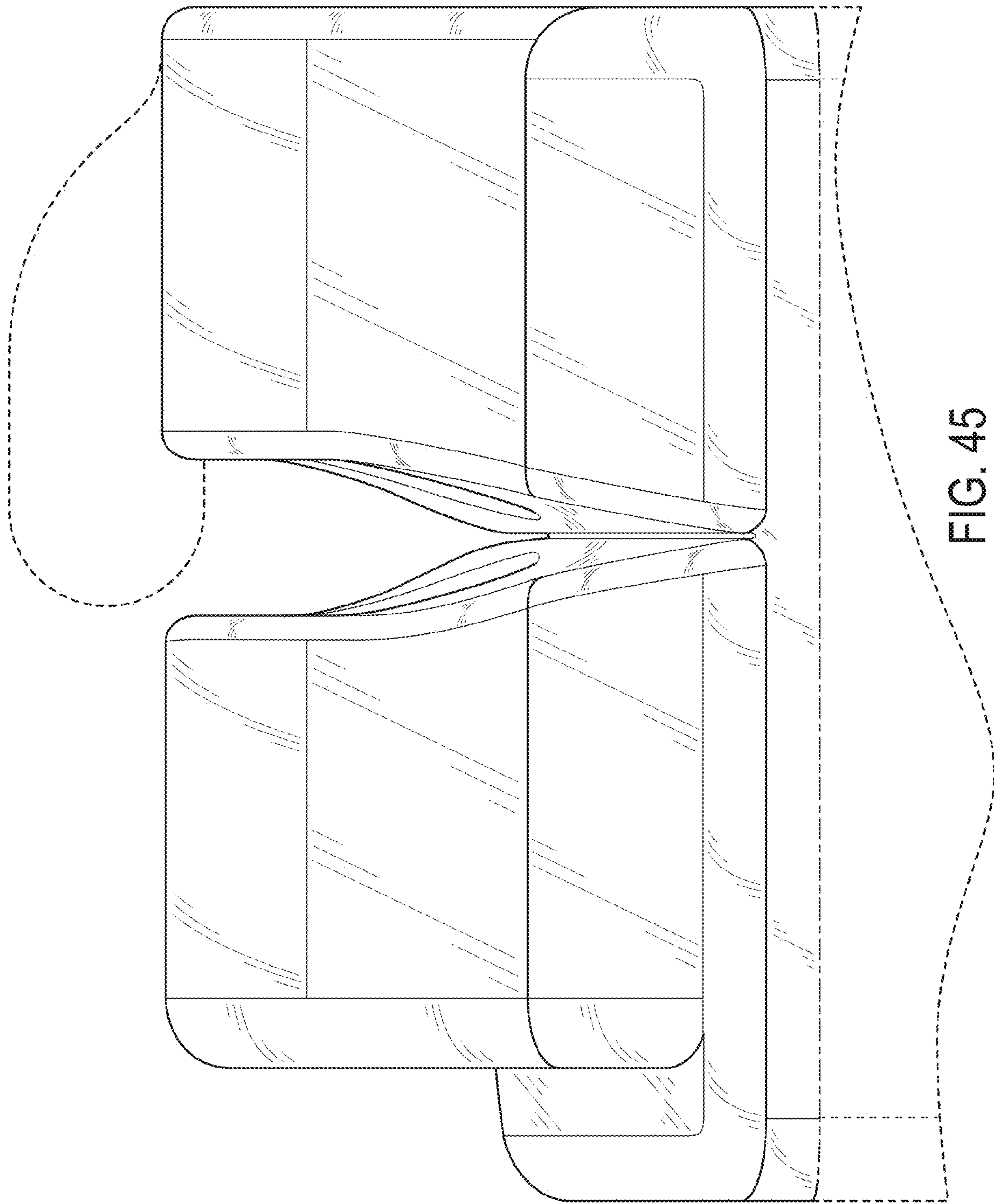


FIG. 45

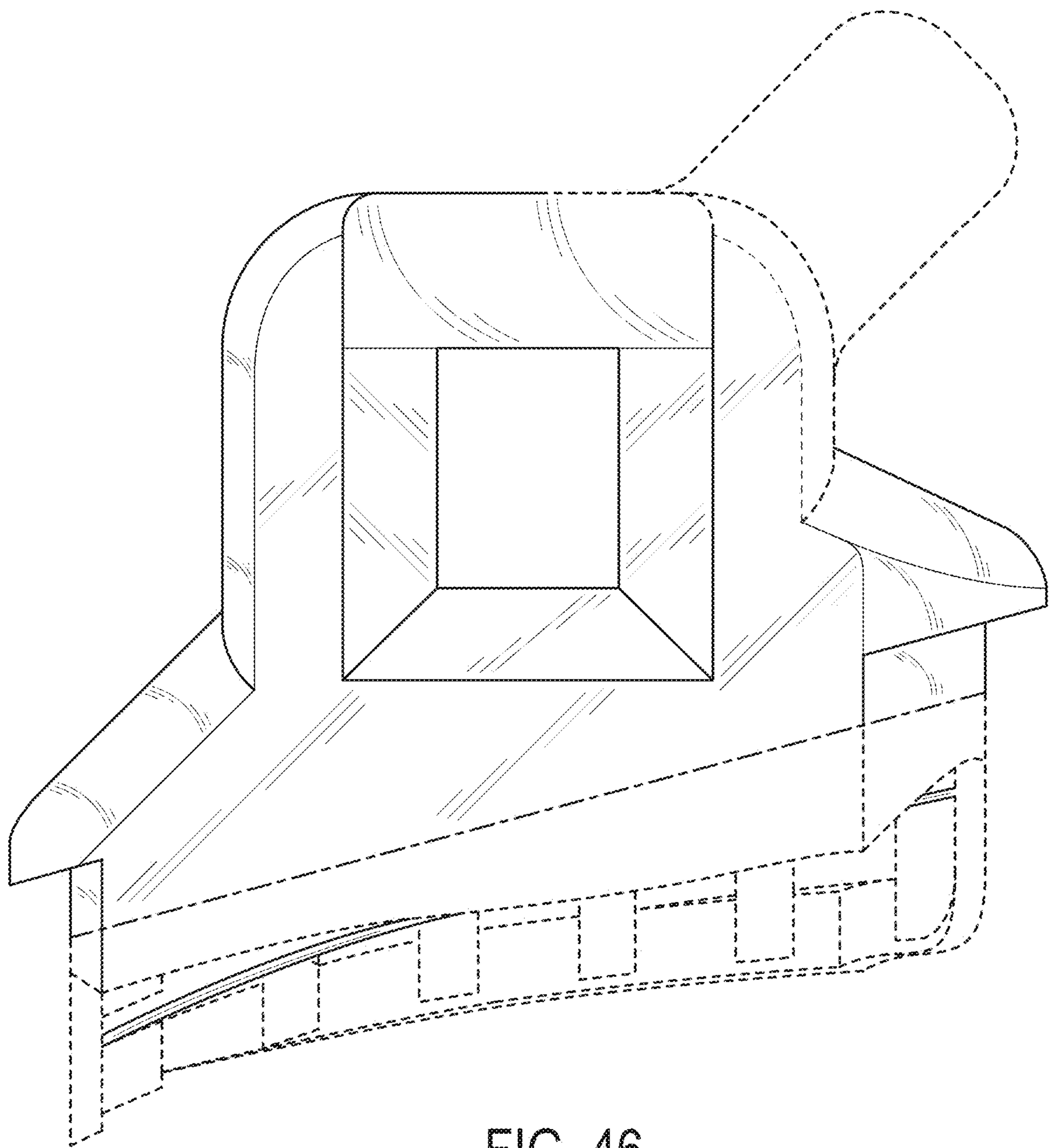


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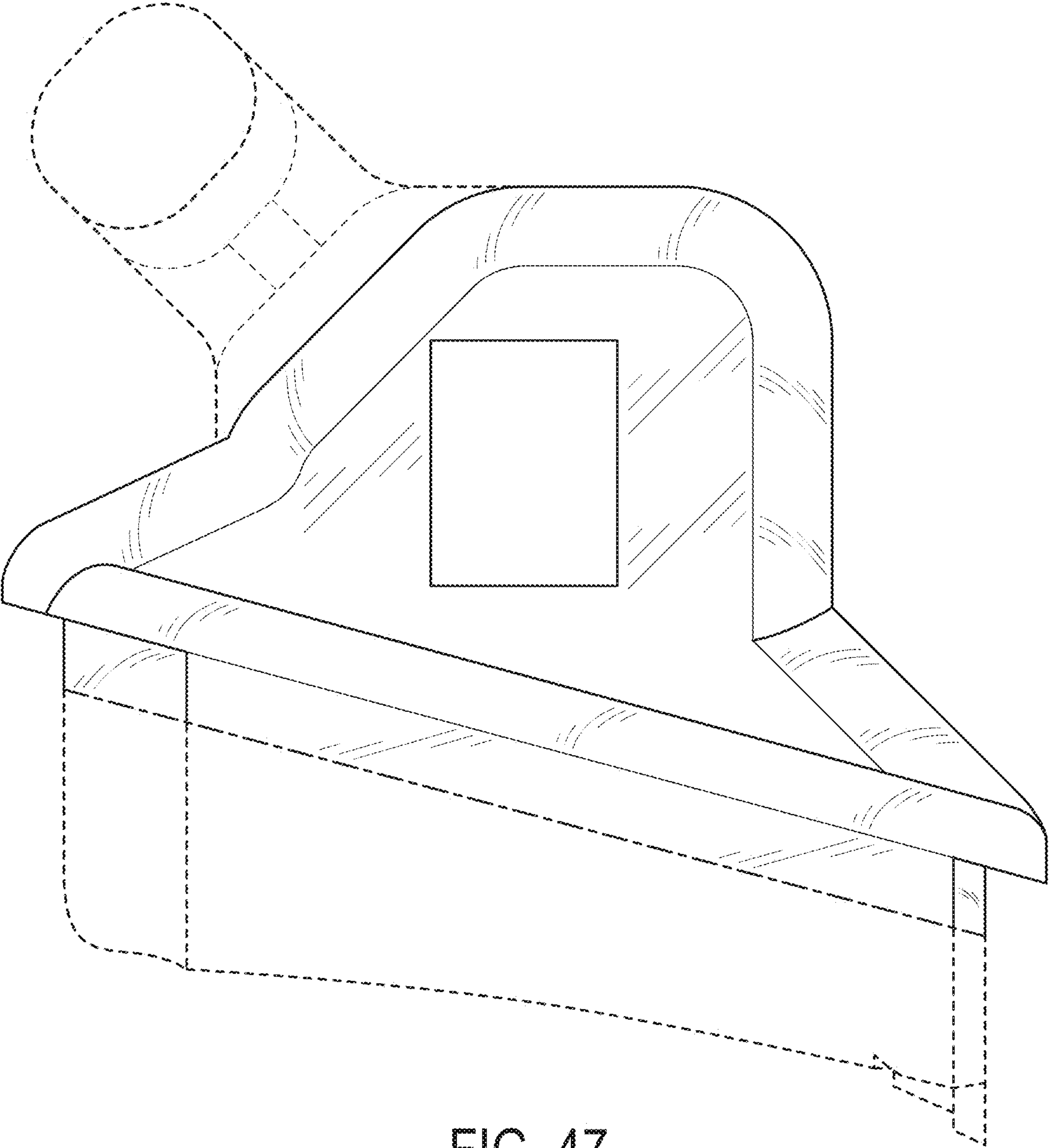


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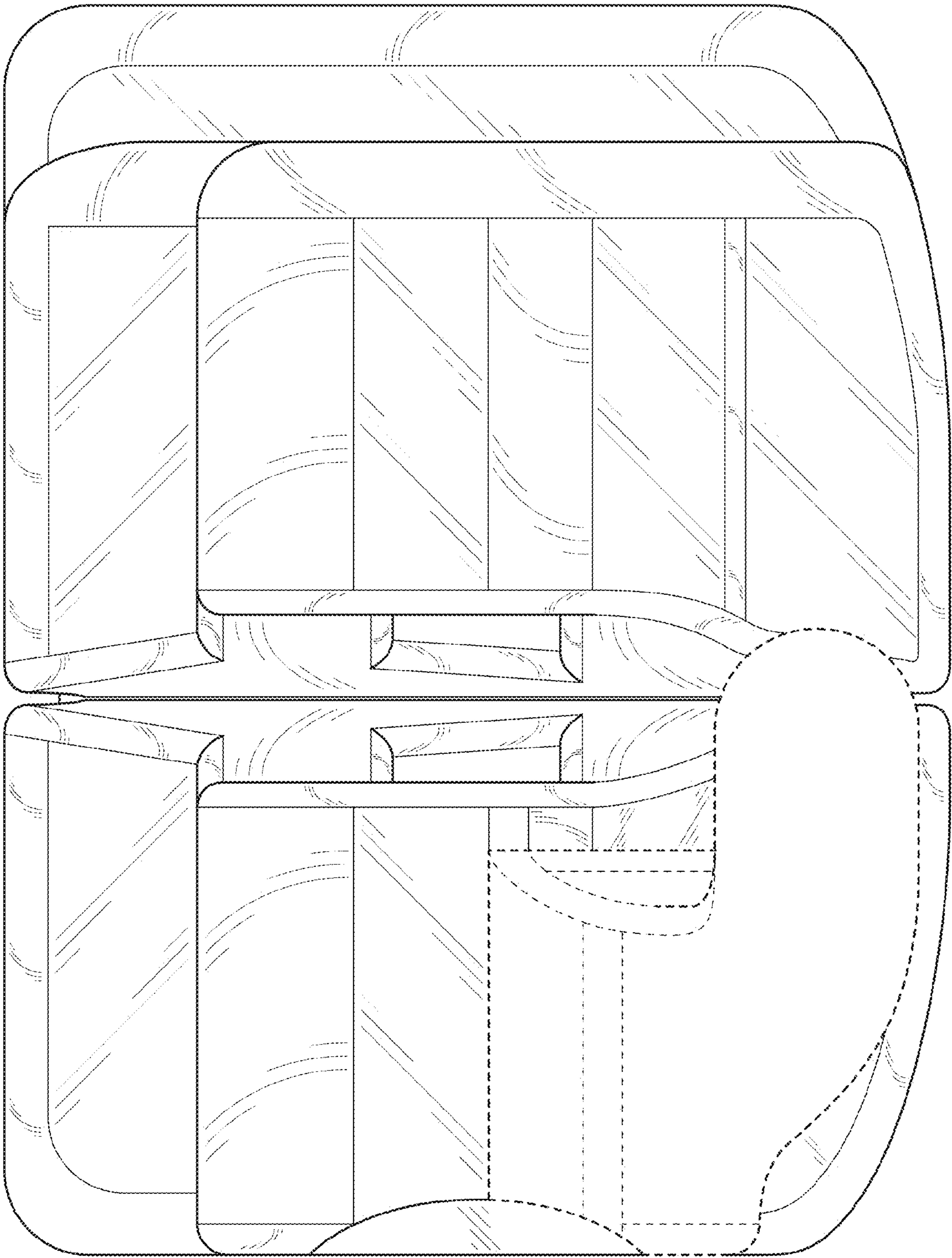


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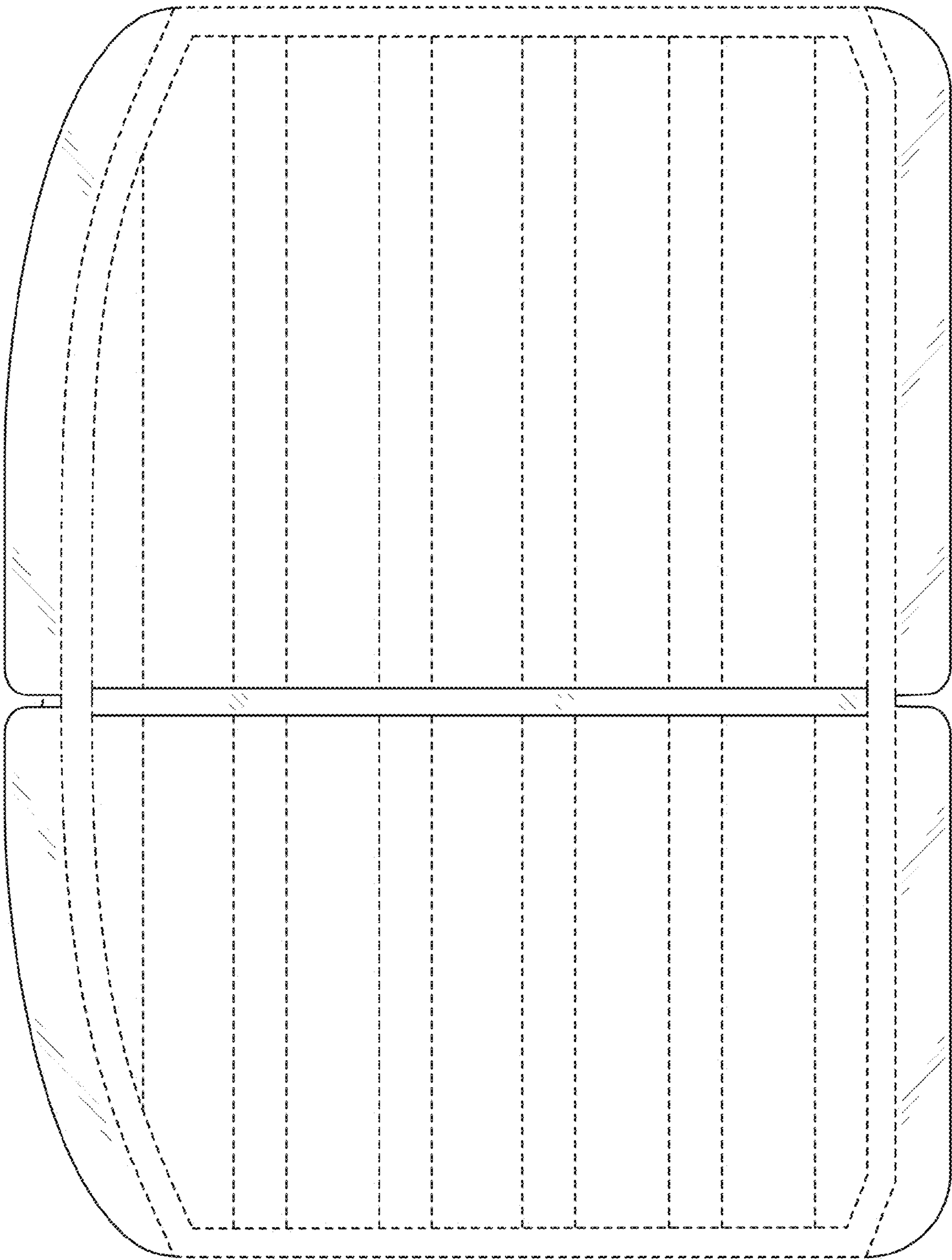


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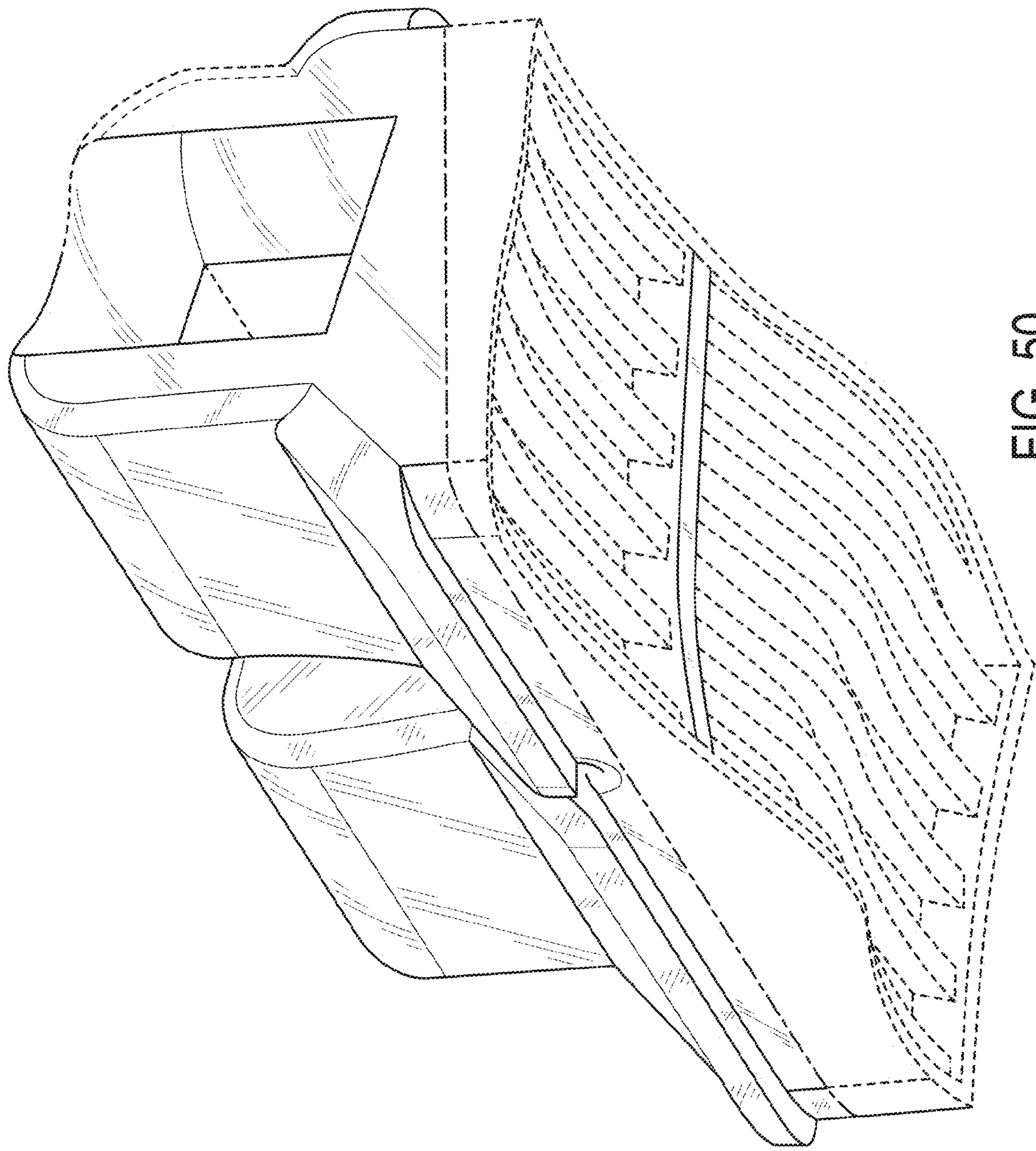


FIG. 50