



US00D963597S

(12) **United States Design Patent** (10) **Patent No.:** **US D963,597 S**
Merwin et al. (45) **Date of Patent:** **** Sep. 13, 2022**

(54) **REMOTE CONTROL FOR AN UPWARD
ACTING DOOR OPERATOR**

DESCRIPTION

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(US)
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Philadelphia, OH (US)
(73) Assignee: **GMI HOLDINGS, INC.**, Mount Hope,
OH (US)
(**) Term: **15 Years**
(21) Appl. No.: **29/756,650**
(22) Filed: **Oct. 29, 2020**
(51) **LOC (13) Cl.** **14-03**
(52) **U.S. Cl.**
USPC **D13/168**
(58) **Field of Classification Search**
USPC D13/168; D14/218; D10/104.1, 106.1;
D15/148, 199

(Continued)

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Primary Examiner — Selina Sikder

(74) *Attorney, Agent, or Firm* — Haynes and Boone, LLP

(57) **CLAIM**

The ornamental design for a remote control for an upward
acting door operator, as shown and described.

FIG. 1 is a perspective view of a first embodiment of a
remote control for an upward acting door operator showing
our new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.
FIG. 8 is a perspective view of a second embodiment of a
remote control for an upward acting door operator showing
our new design;
FIG. 9 is a front view of the second embodiment;
FIG. 10 is a rear view of the second embodiment;
FIG. 11 is a left side view of the second embodiment;
FIG. 12 is a right side view of the second embodiment;
FIG. 13 is a top view of the second embodiment; and
FIG. 14 is a bottom view of the second embodiment.
FIG. 15 is a perspective view of a third embodiment of a
remote control for an upward acting door operator showing
our new design;
FIG. 16 is a front view of the third embodiment;
FIG. 17 is a rear view of the third embodiment;
FIG. 18 is a left side view of the third embodiment;
FIG. 19 is a right side view of the third embodiment;
FIG. 20 is a top view of the third embodiment; and
FIG. 21 is a bottom view of the third embodiment.
FIG. 22 is a perspective view of a fourth embodiment of a
remote control for an upward acting door operator showing
our new design;
FIG. 23 is a front view of the fourth embodiment;
FIG. 24 is a rear view of the fourth embodiment;
FIG. 25 is a left side view of the fourth embodiment;
FIG. 26 is a right side view of the fourth embodiment;
FIG. 27 is a top view of the fourth embodiment; and
FIG. 28 is a bottom view of the fourth embodiment.
FIG. 29 is a perspective view of a fifth embodiment of a
remote control for an upward acting door operator showing
our new design;
FIG. 30 is a front view of the fifth embodiment;
FIG. 31 is a rear view of the fifth embodiment;

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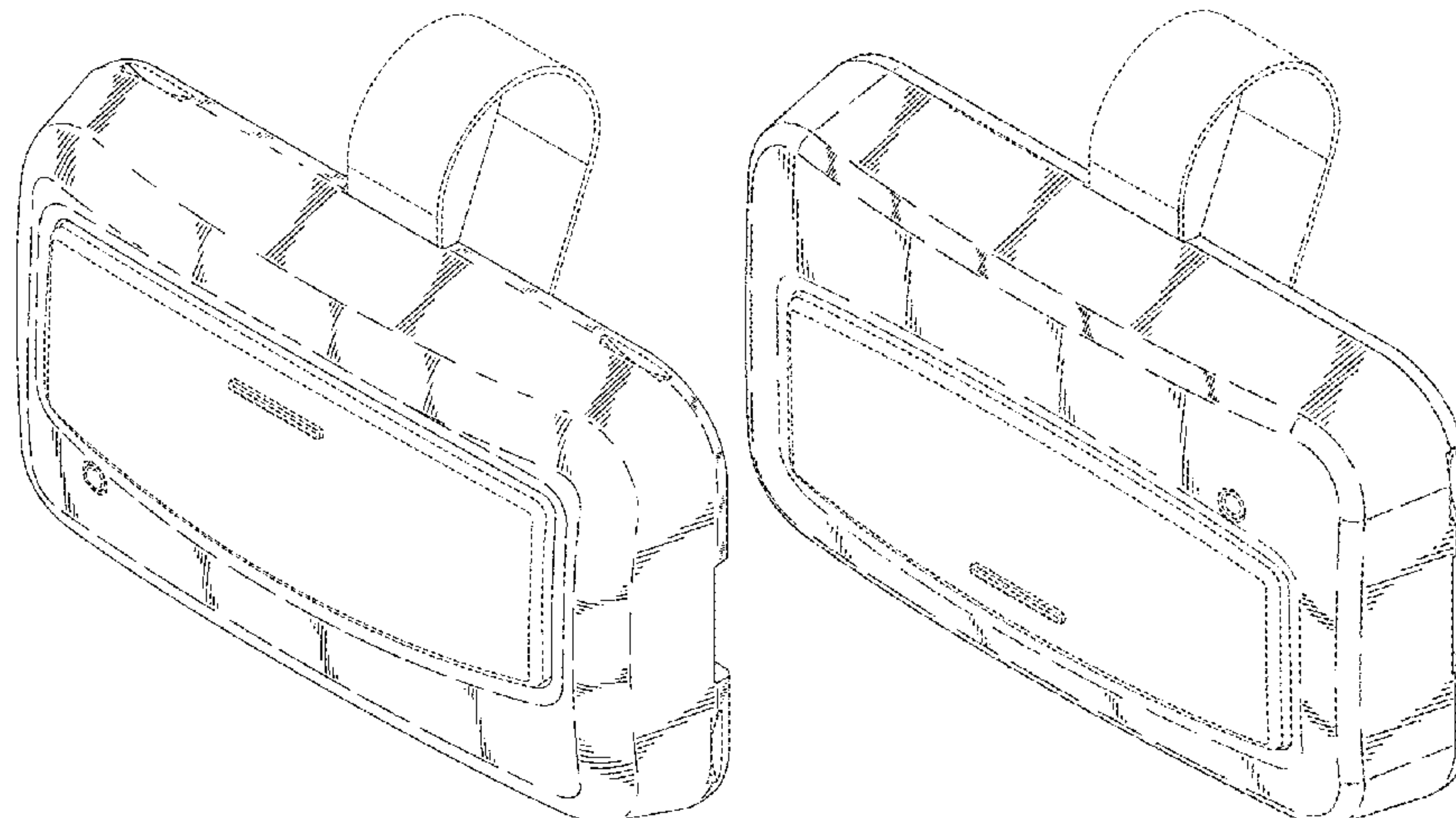


FIG. 32 is a left side view of the fifth embodiment;
 FIG. 33 is a right side view of the fifth embodiment;
 FIG. 34 is a top view of the fifth embodiment; and
 FIG. 35 is a bottom view of the fifth embodiment.
 FIG. 36 is a perspective view of a sixth embodiment of a remote control for an upward acting door operator showing our new design;
 FIG. 37 is a front view of the sixth embodiment;
 FIG. 38 is a rear view of the sixth embodiment;
 FIG. 39 is a left side view of the sixth embodiment;
 FIG. 40 is a right side view of the sixth embodiment;
 FIG. 41 is a top view of the sixth embodiment; and
 FIG. 42 is a bottom view of the sixth embodiment.
 FIG. 43 is a perspective view of a seventh embodiment of a remote control for an upward acting door operator showing our new design;
 FIG. 44 is a front view of the seventh embodiment;
 FIG. 45 is a rear view of the seventh embodiment;
 FIG. 46 is a left side view of the seventh embodiment;
 FIG. 47 is a right side view of the seventh embodiment;
 FIG. 48 is a top view of the seventh embodiment; and
 FIG. 49 is a bottom view of the seventh embodiment.
 FIG. 50 is a perspective view of an eighth embodiment of a remote control for an upward acting door operator showing our new design;
 FIG. 51 is a front view of the eighth embodiment;
 FIG. 52 is a rear view of the eighth embodiment;
 FIG. 53 is a left side view of the eighth embodiment;
 FIG. 54 is a right side view of the eighth embodiment;
 FIG. 55 is a top view of the eighth embodiment; and
 FIG. 56 is a bottom view of the eighth embodiment.
 FIG. 57 is a perspective view of a ninth embodiment of a remote control for an upward acting door operator showing our new design;
 FIG. 58 is a front view of the ninth embodiment;
 FIG. 59 is a rear view of the ninth embodiment;
 FIG. 60 is a left side view of the ninth embodiment;
 FIG. 61 is a right side view of the ninth embodiment;
 FIG. 62 is a top view of the ninth embodiment; and,
 FIG. 63 is a bottom view of the ninth embodiment.
 The broken lines defining the button(s) and related button features, light (where shown), attaching clip, and grooves as shown in FIGS. 1-2; 4-9; 11-16; 18-23; 25-30; 32-37; 39-44; 46-51; 53-58; and 60-63 as well as the broken lines defining the attaching clip, sliding slots and fasteners (where shown) as shown in FIGS. 3, 10, 17, 24, 31, 38, 45, 52, and 59 are

directed to environment and are for illustrative purposed only; the broken lines form no part of the claimed design.

1 Claim, 63 Drawing Sheets

(58) Field of Classification Search

CPC H03J 1/0025; H03J 9/00; H03J 9/02; H03J 9/04; H03J 9/06; H04B 1/202; G05B 11/01; G08C 17/00; G08C 17/02; G08C 19/28; G07C 9/00309; G07C 9/00182; G07C 9/00944; G07C 9/00174; G07C 2009/00206; G07C 2009/00214; G07C 2009/00928; E05F 15/77

See application file for complete search history.

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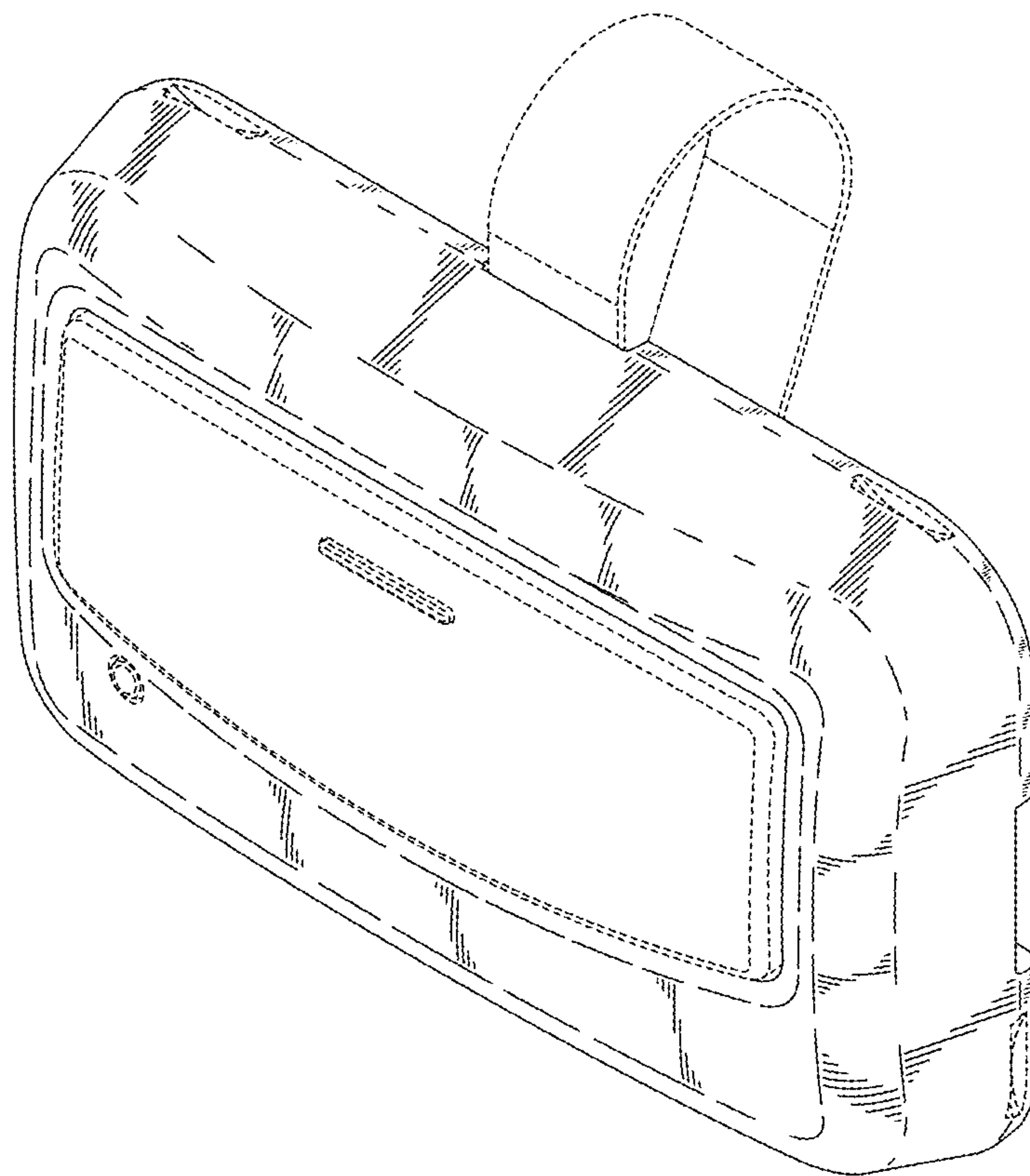


FIG. 1

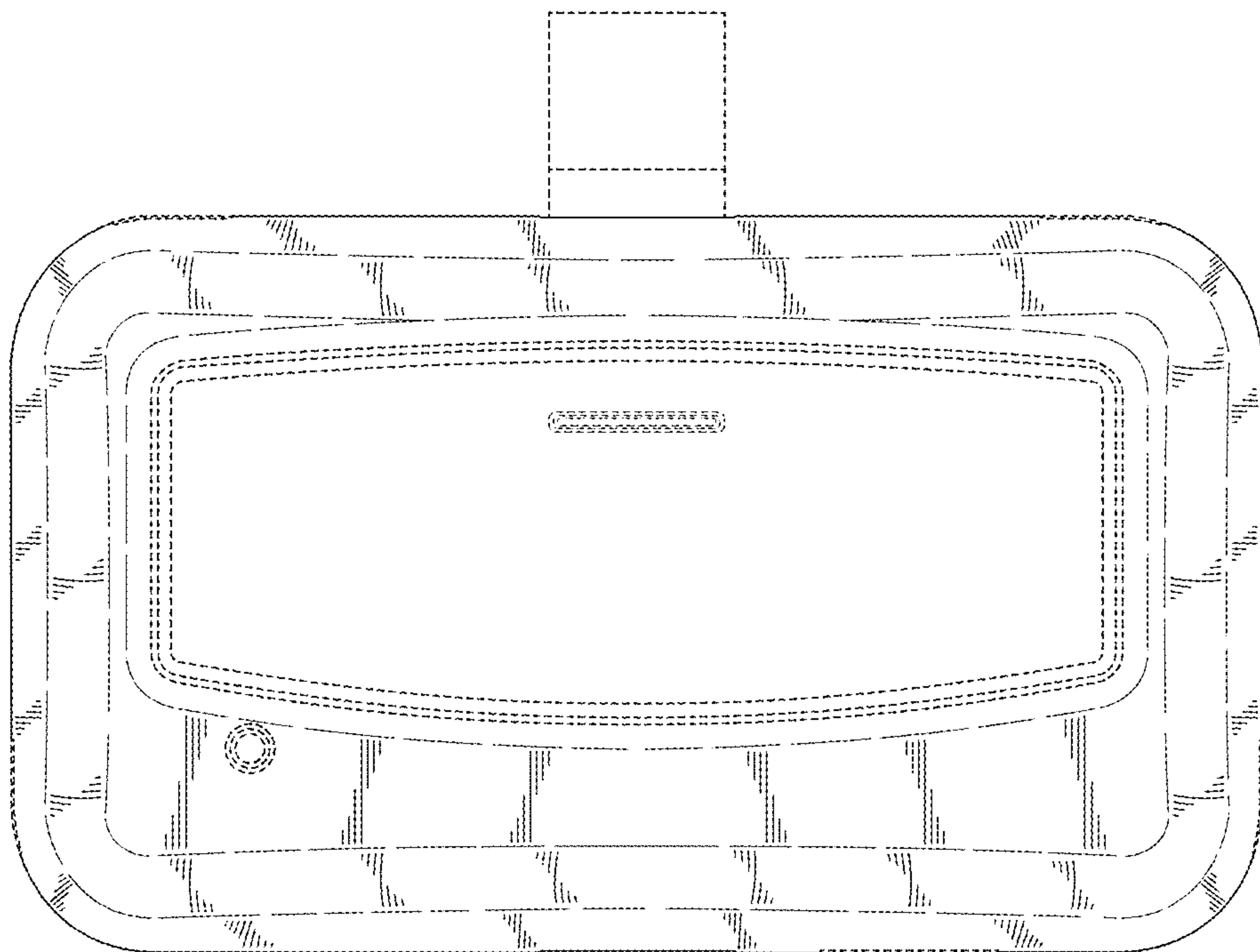


FIG. 2

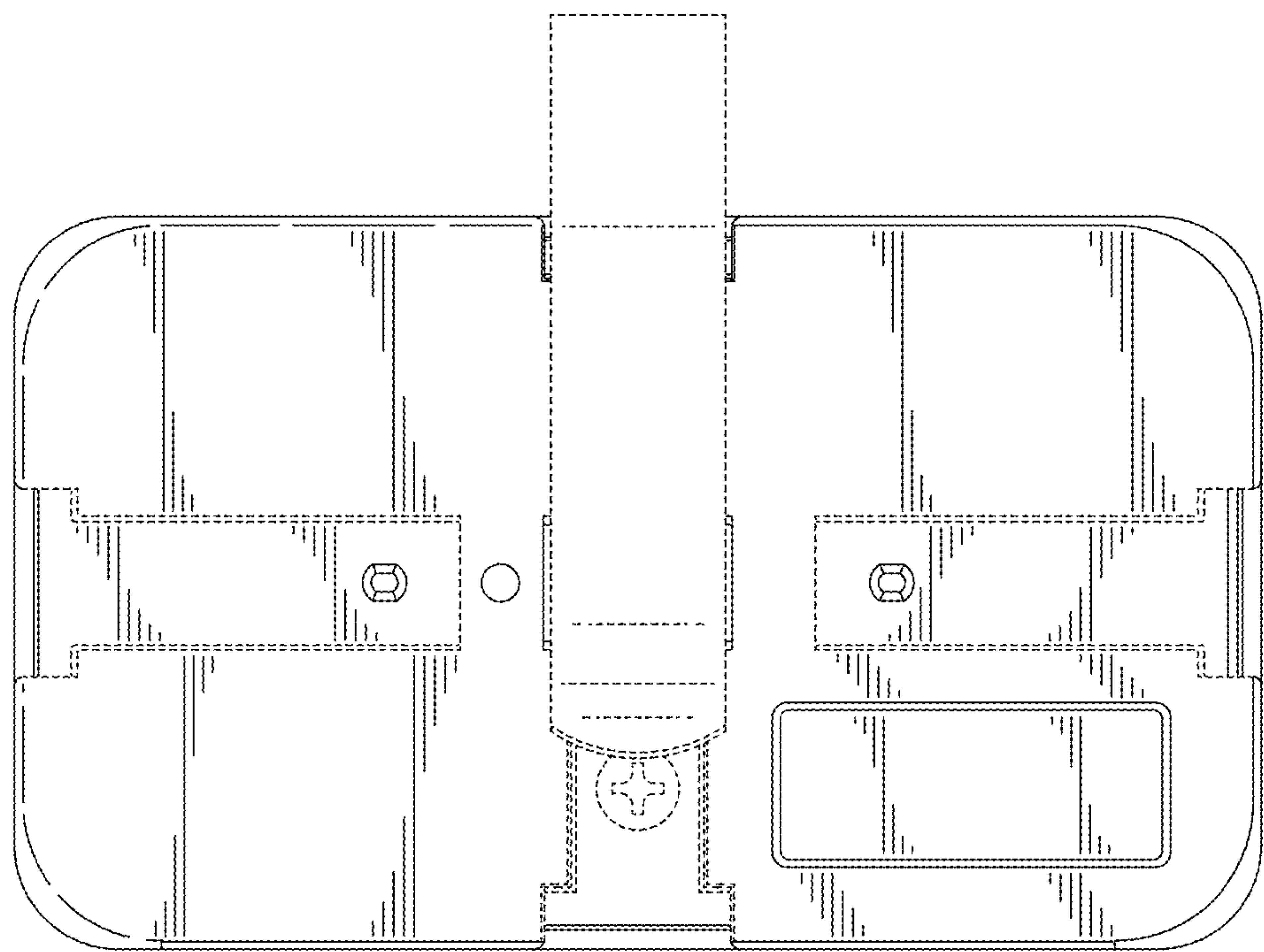


FIG. 3

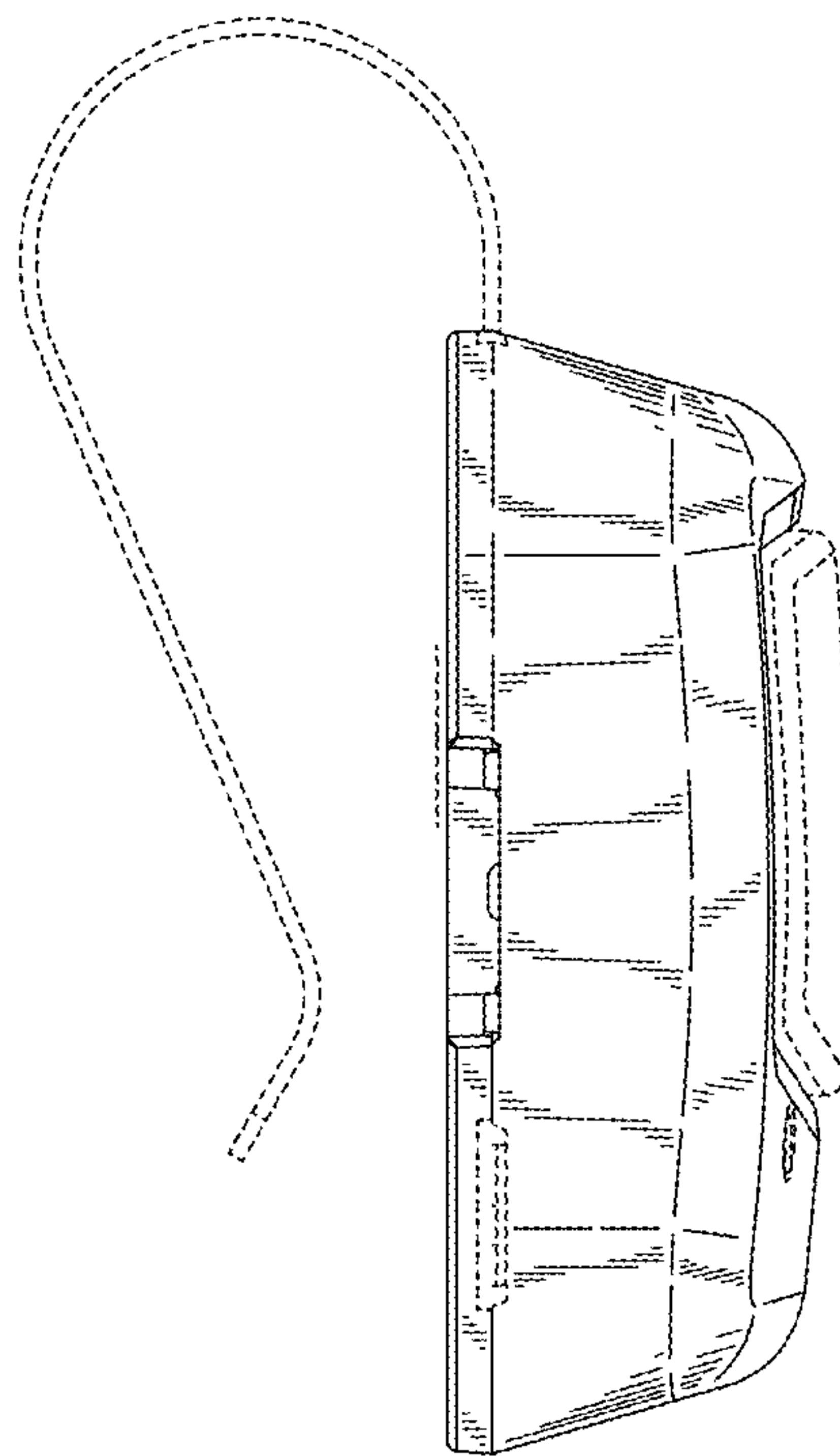


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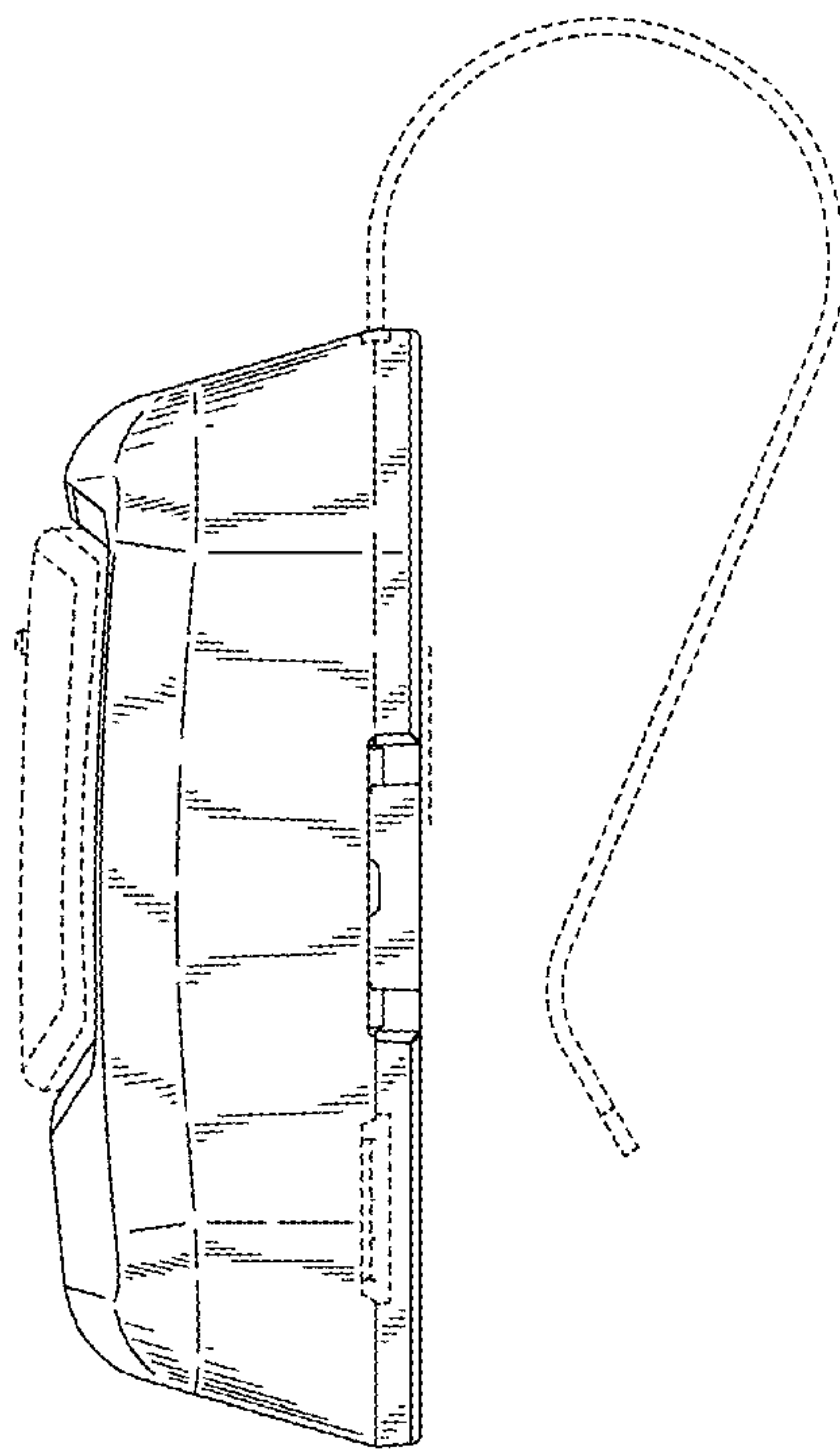


FIG. 5

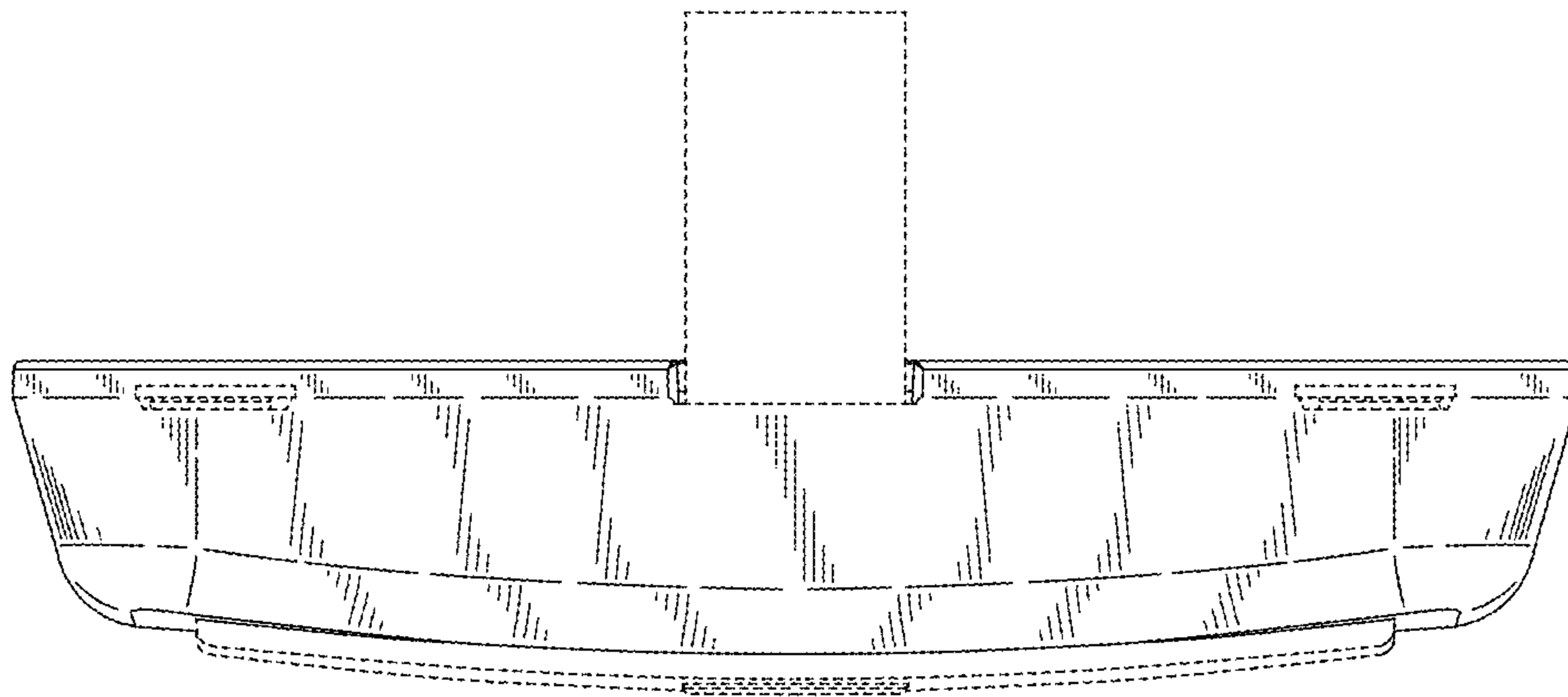


FIG. 6

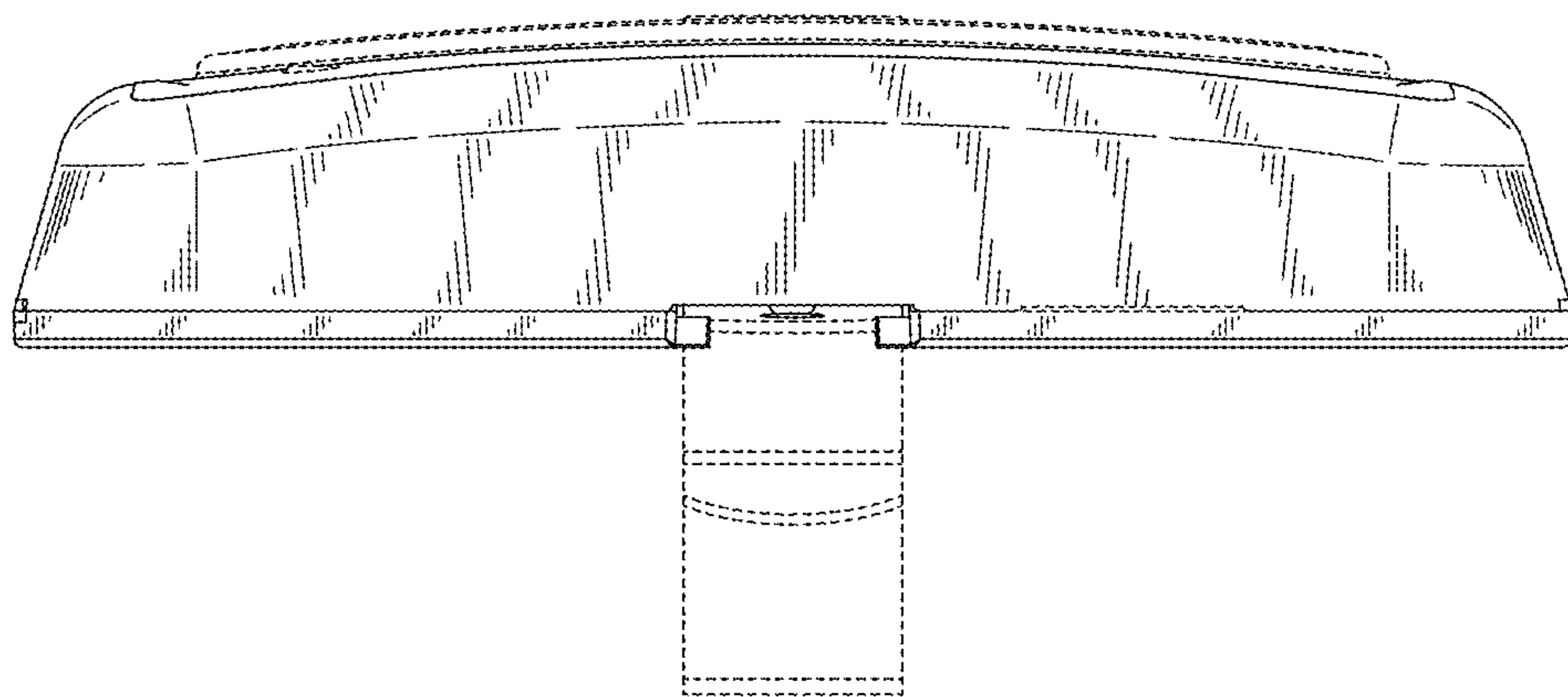


FIG. 7

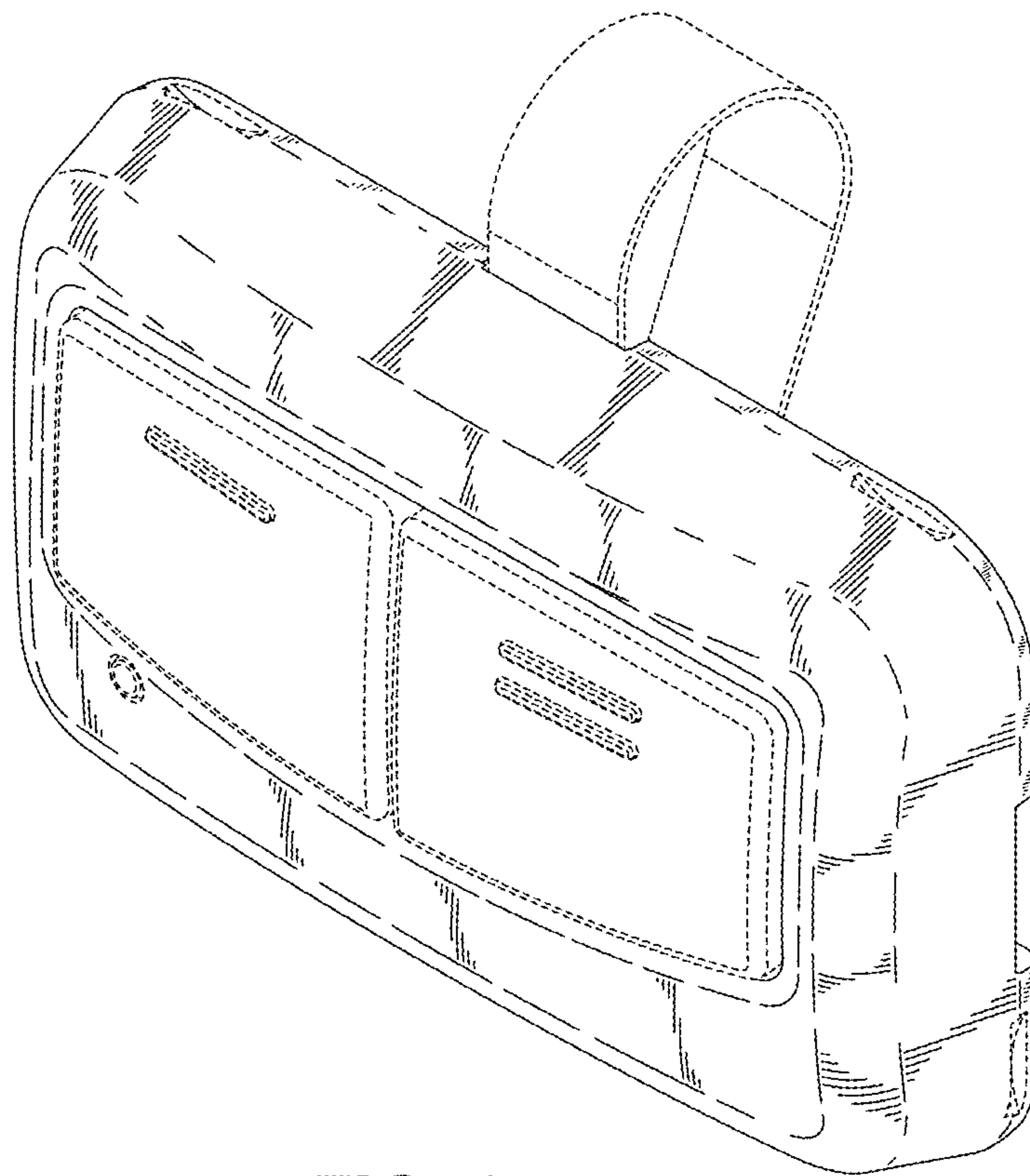


FIG. 8

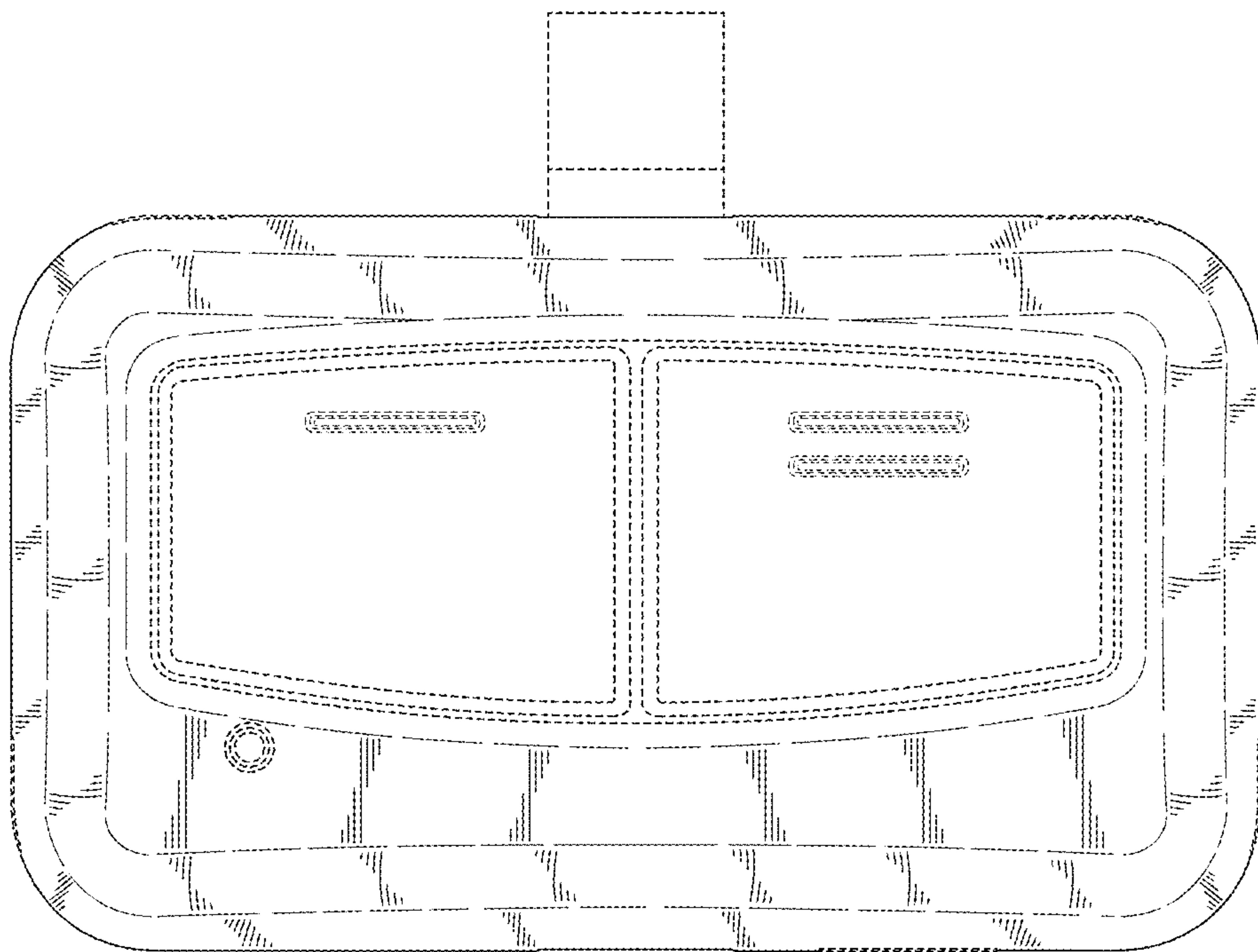


FIG. 9

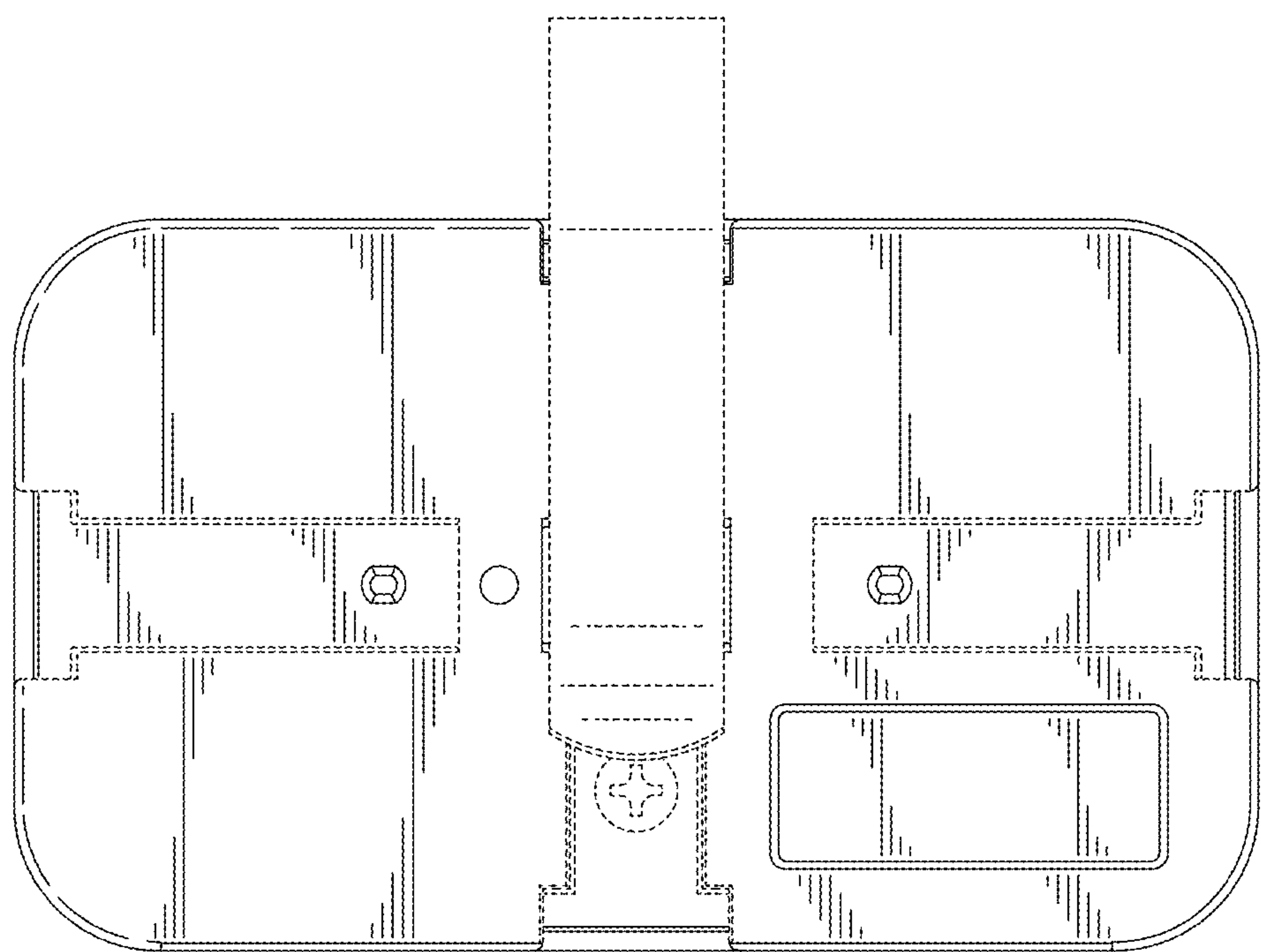


FIG. 10

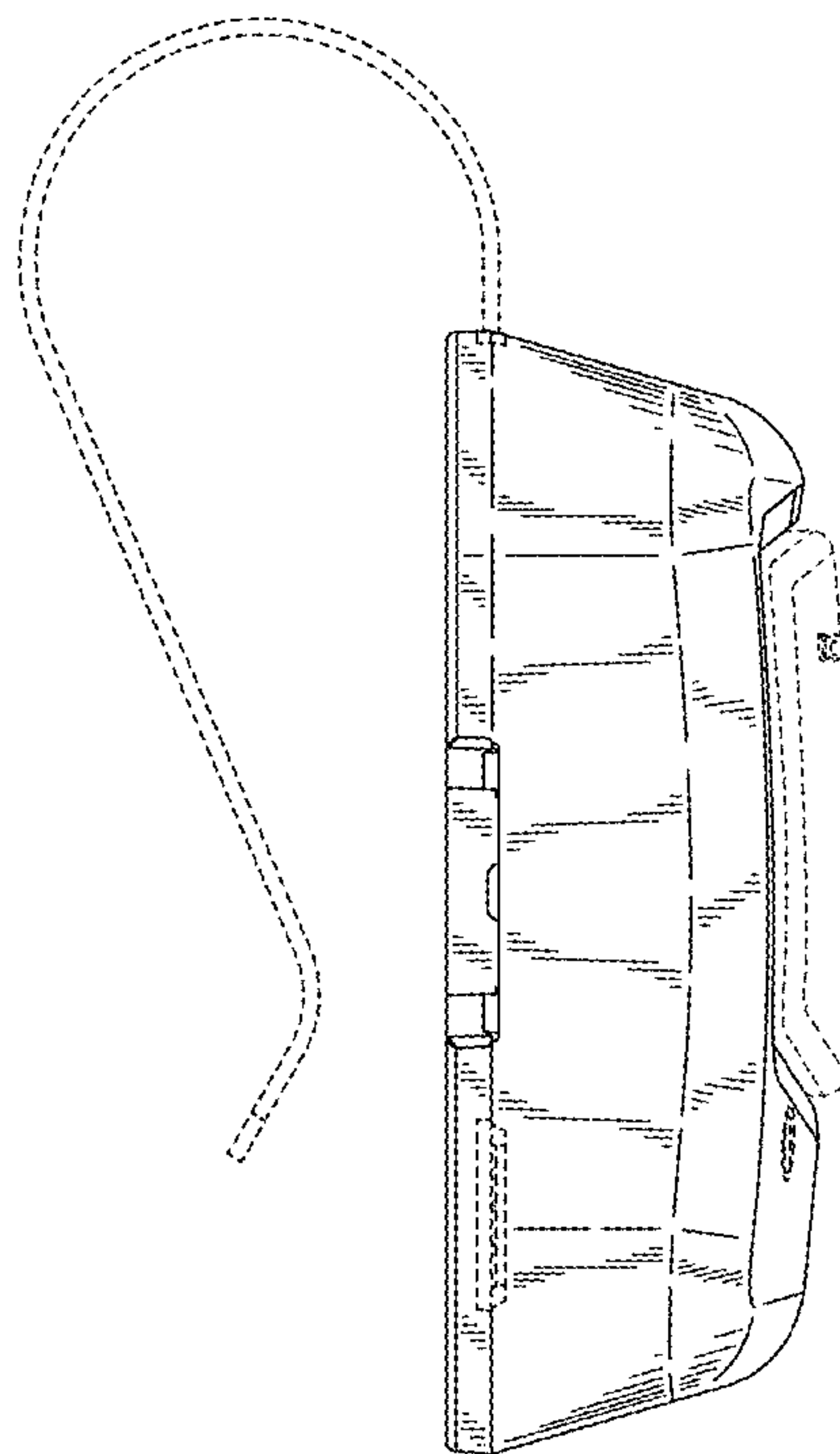


FIG. 11

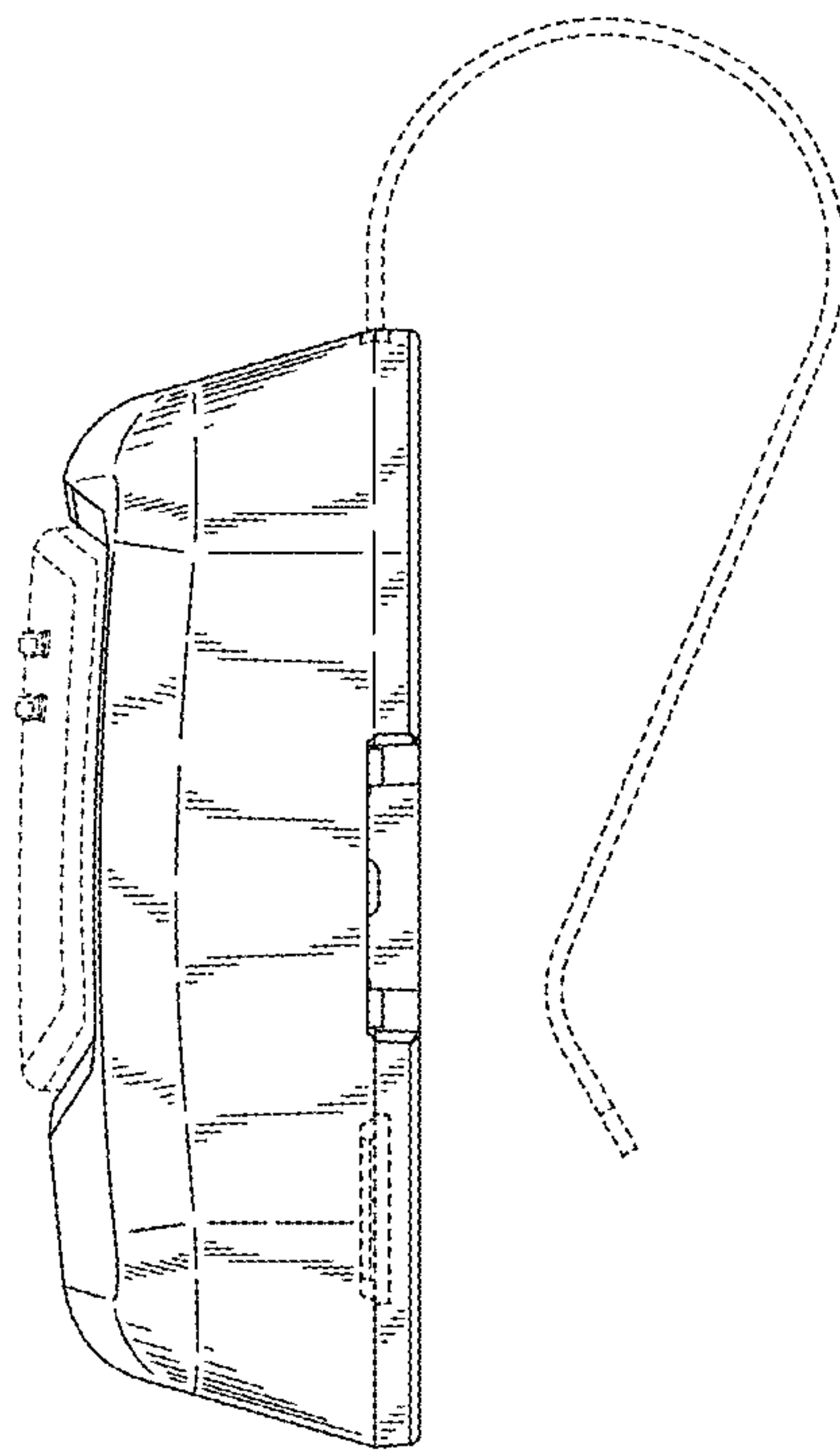


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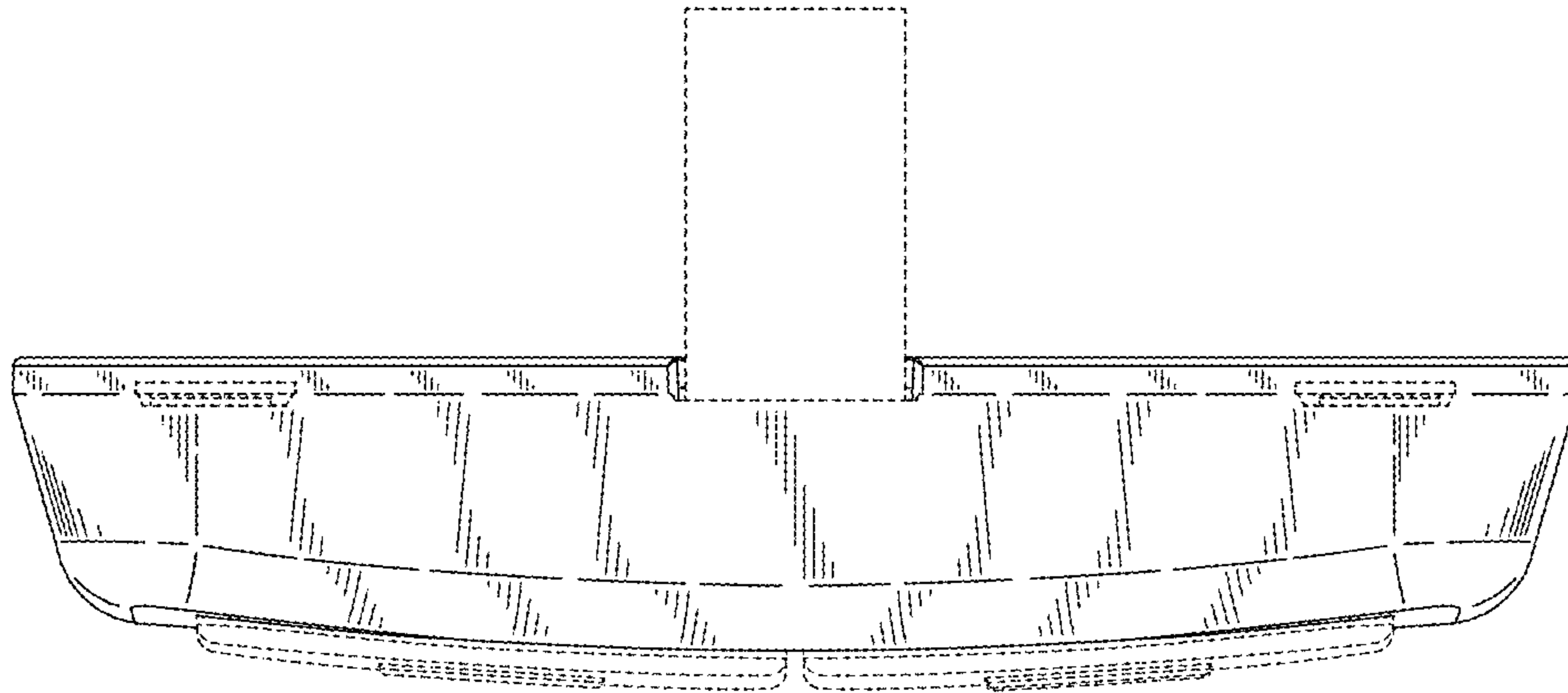


FIG. 13

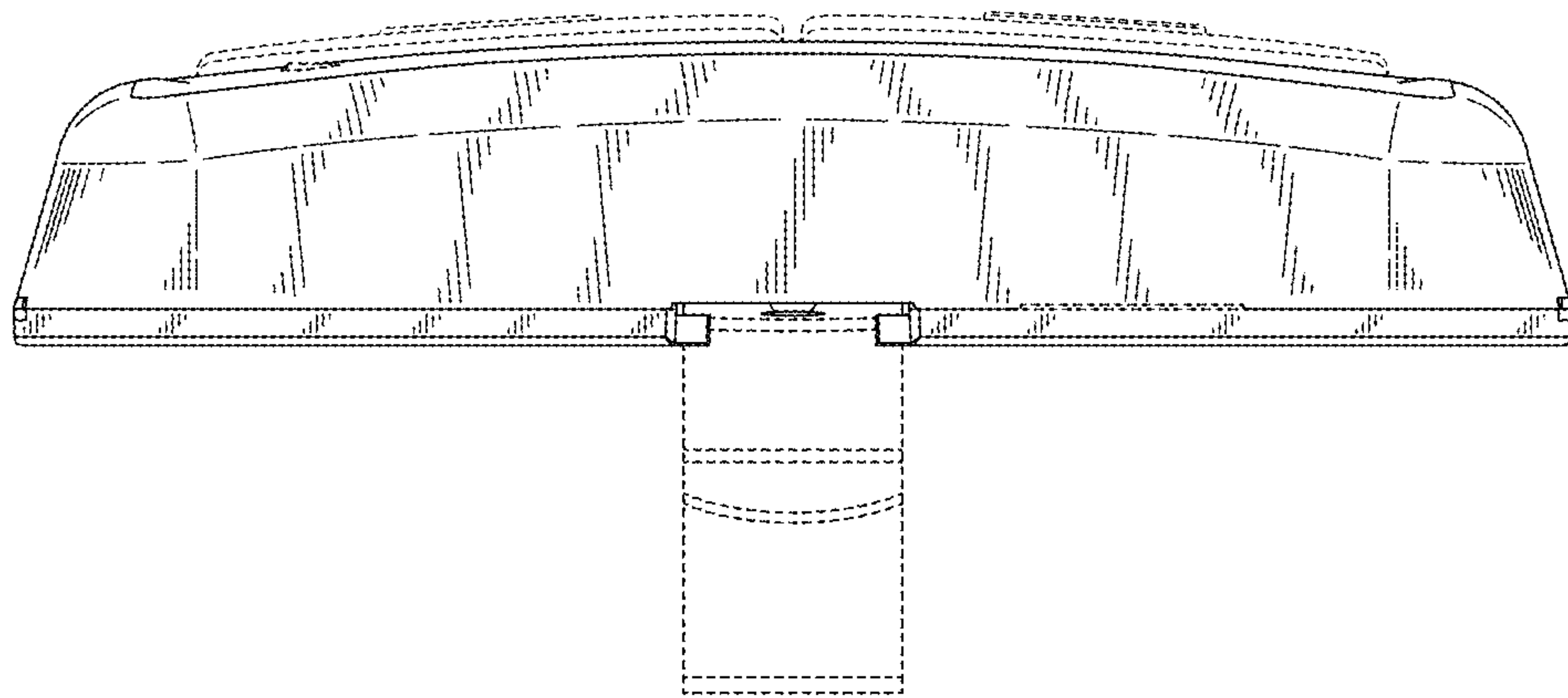


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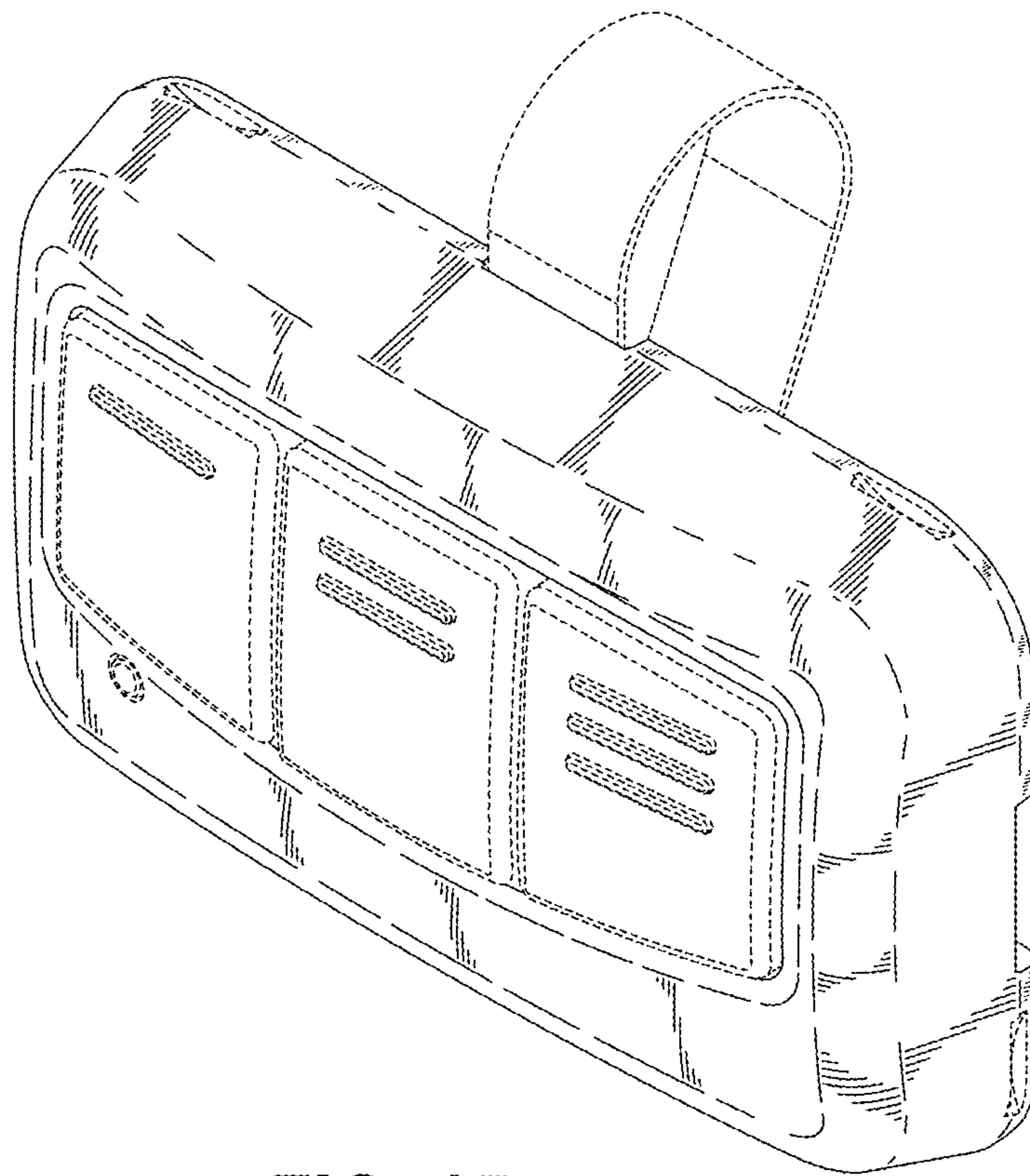


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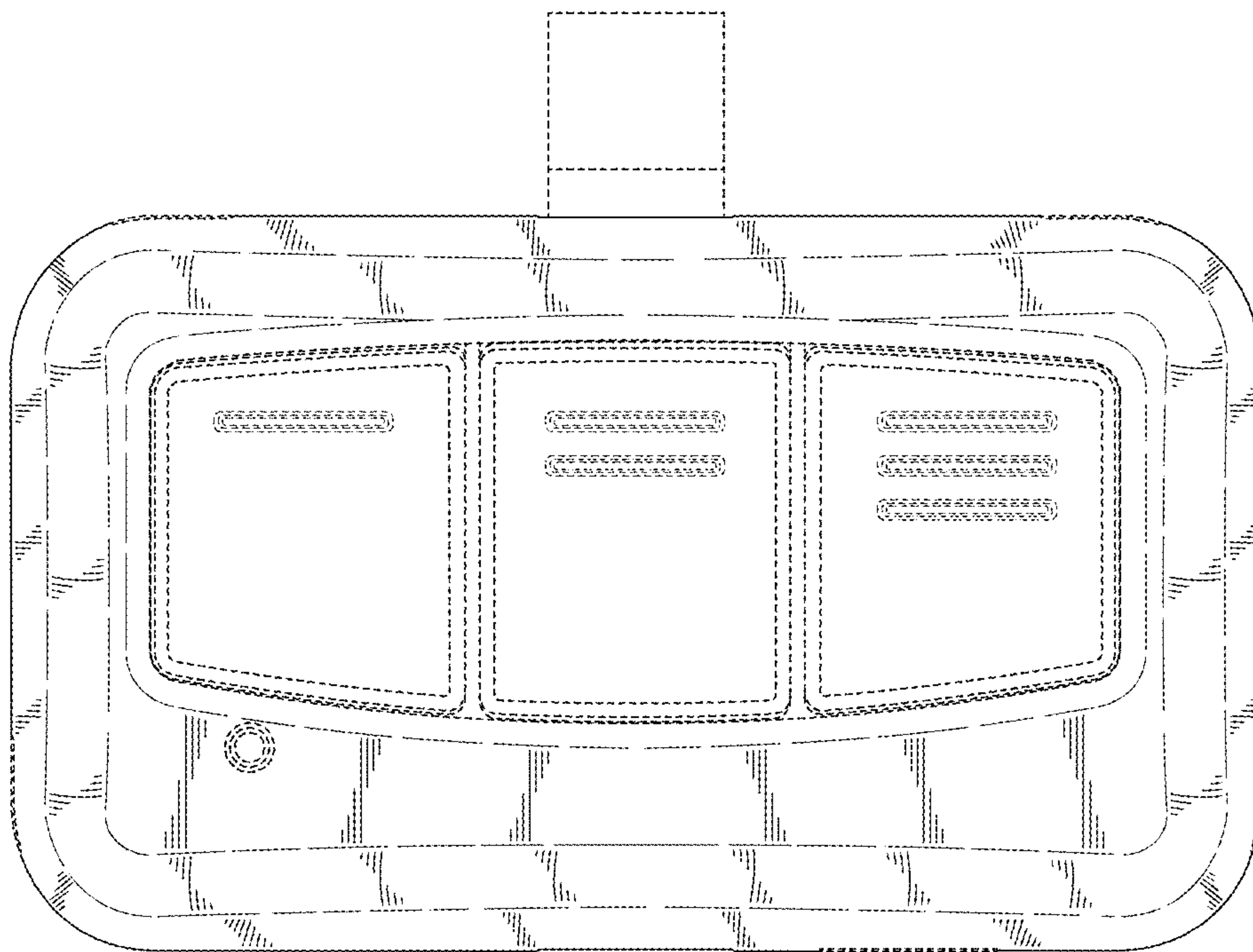


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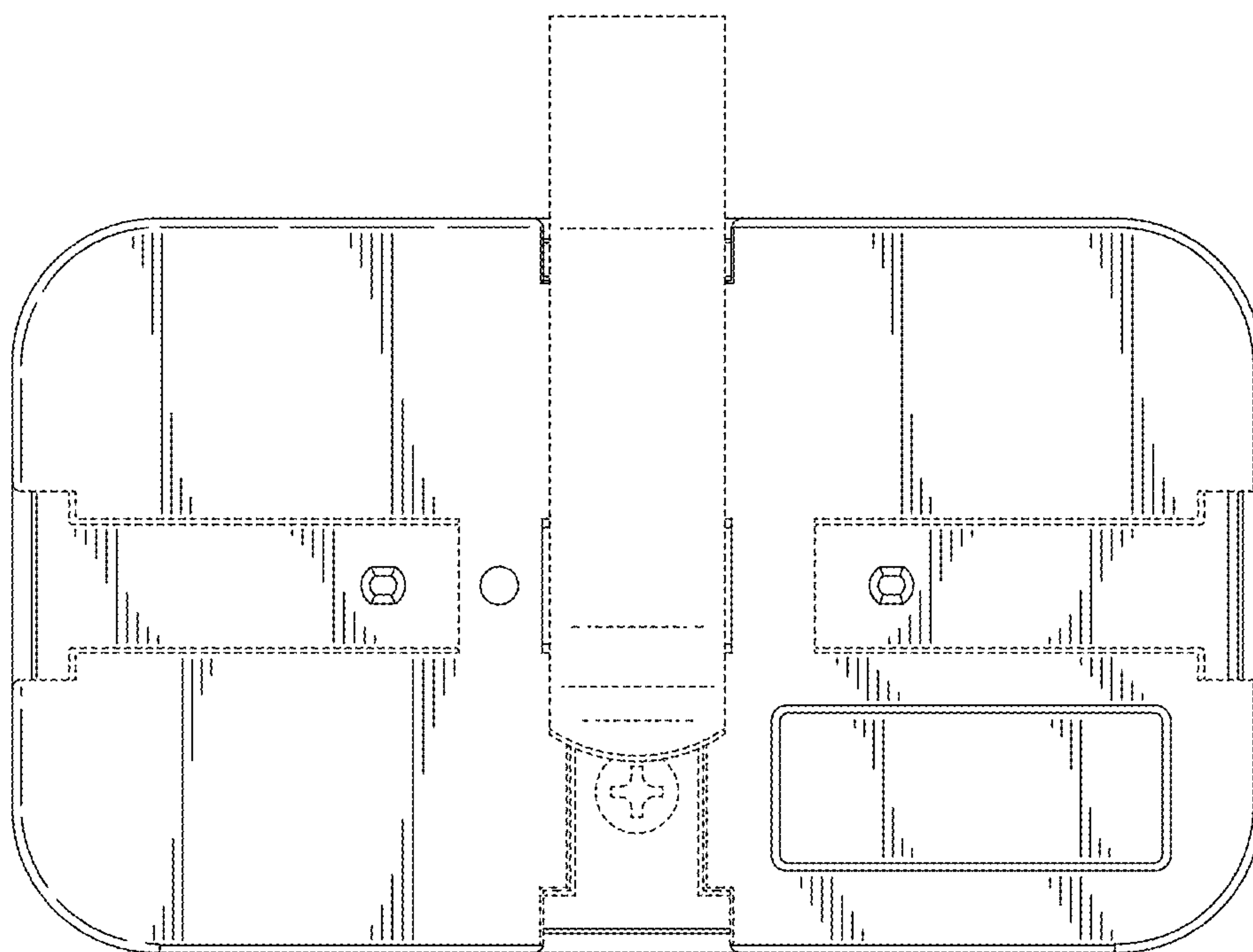


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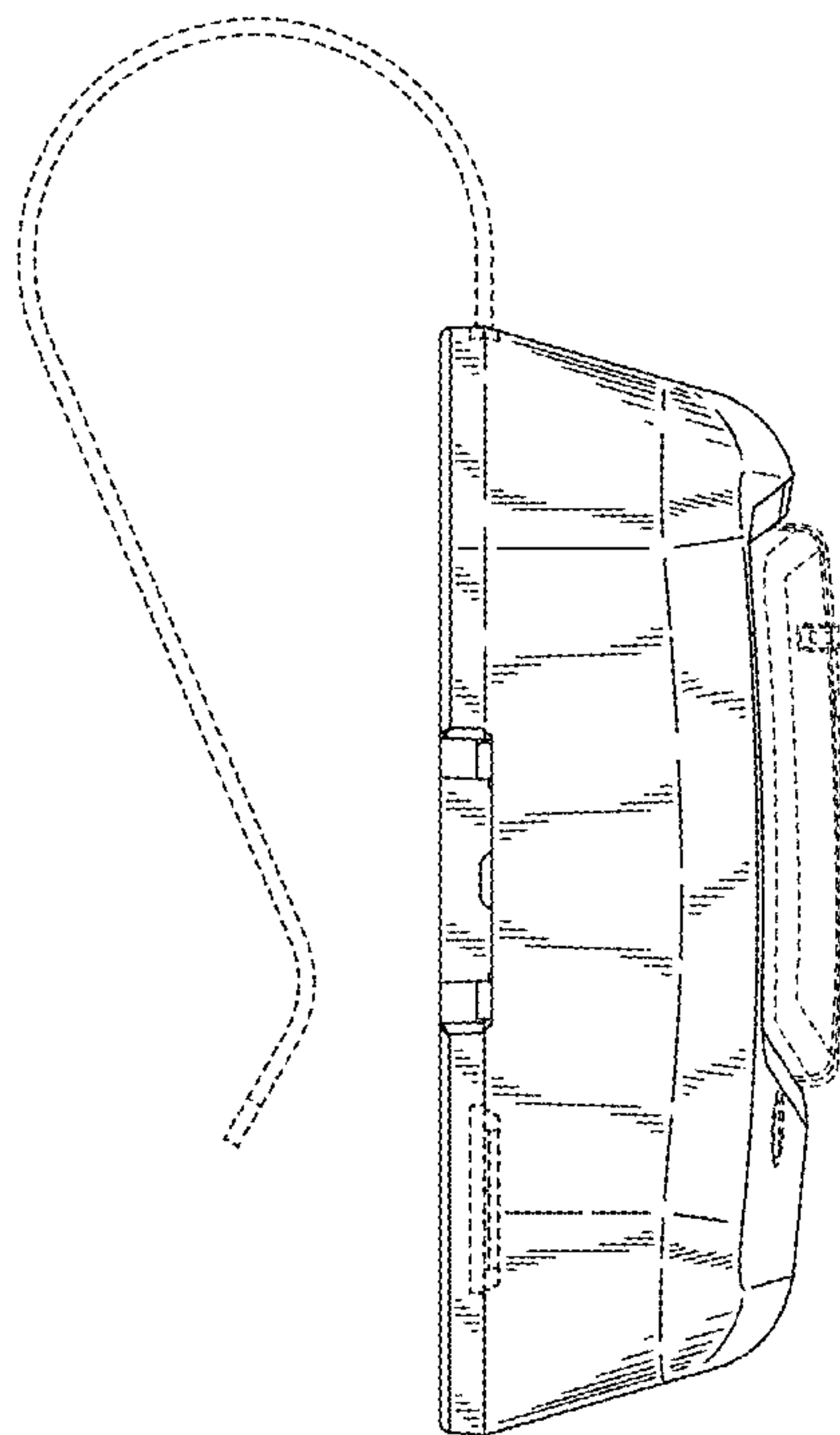


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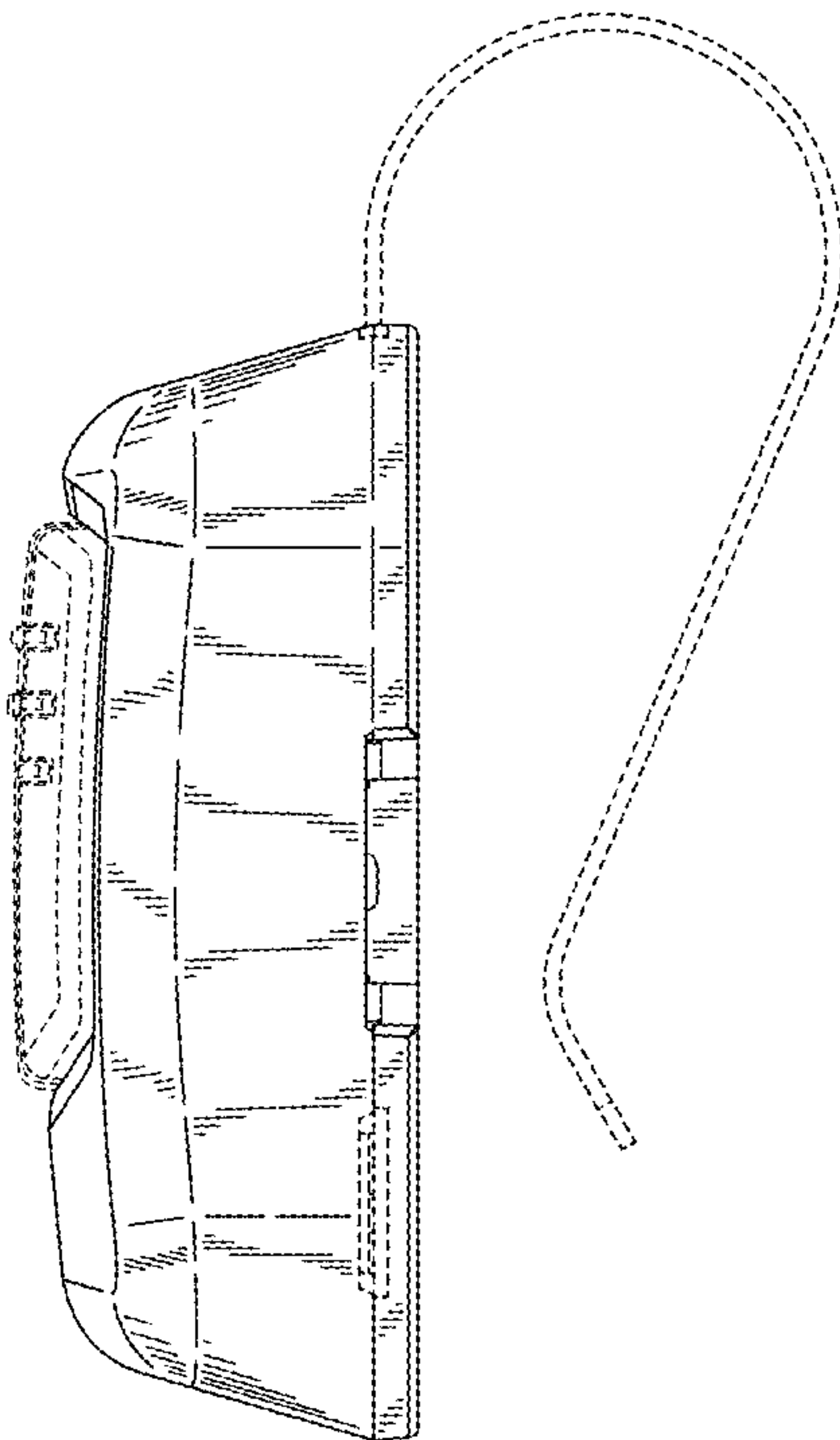


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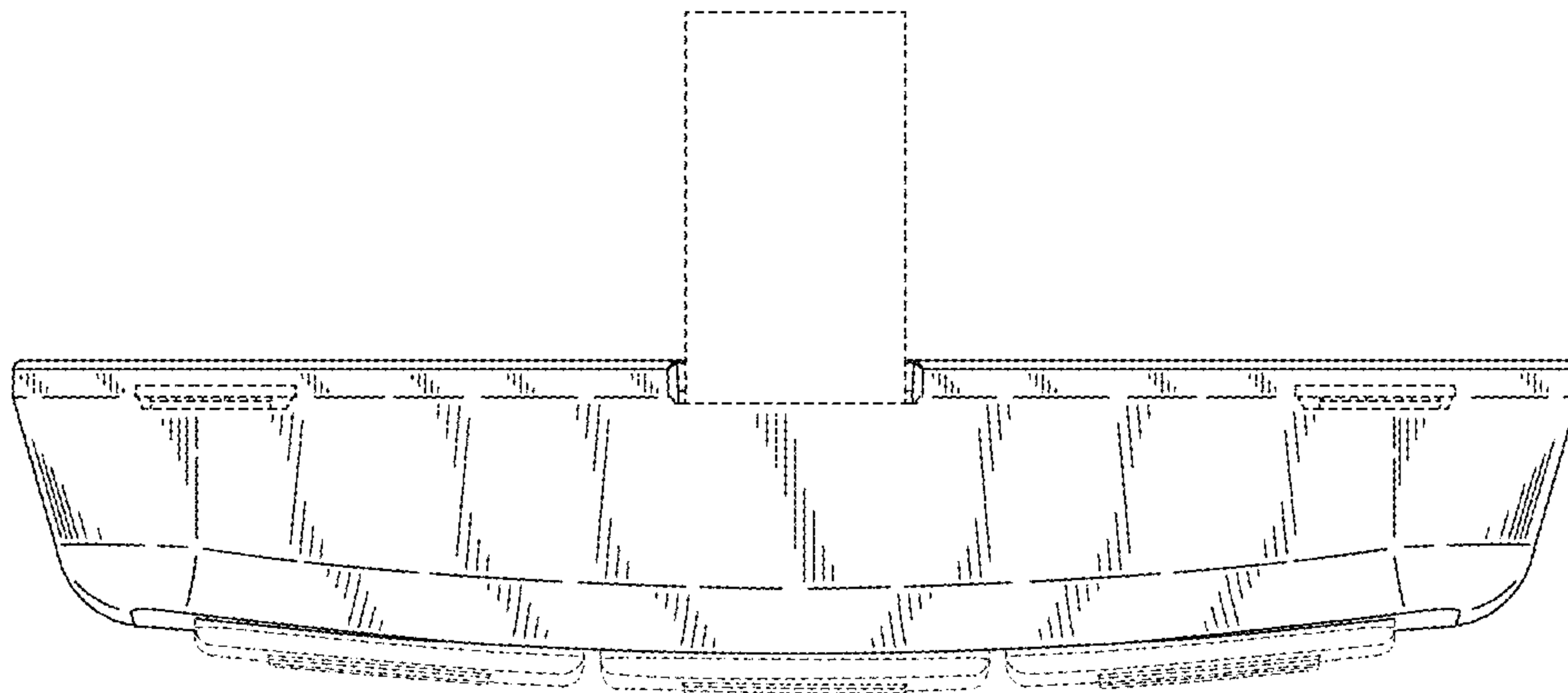


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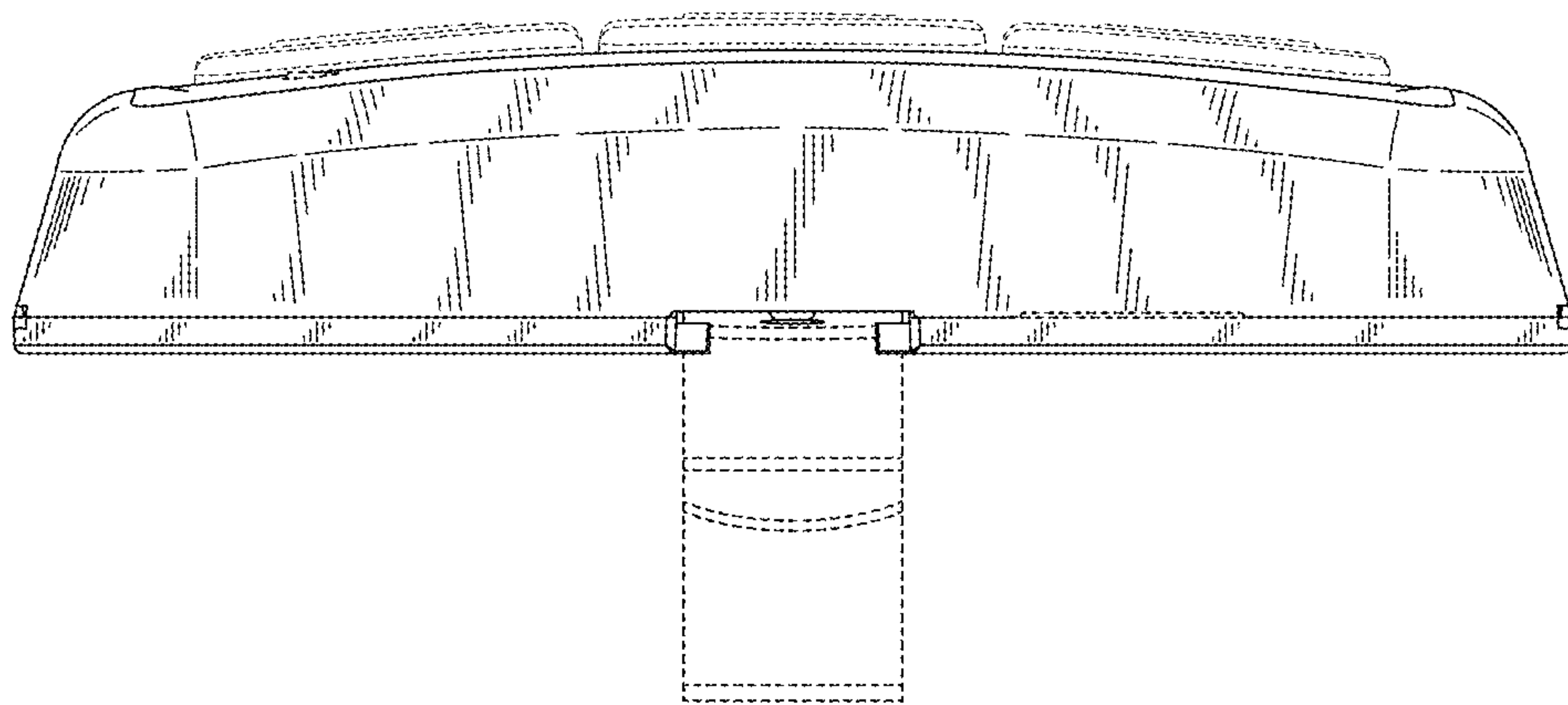


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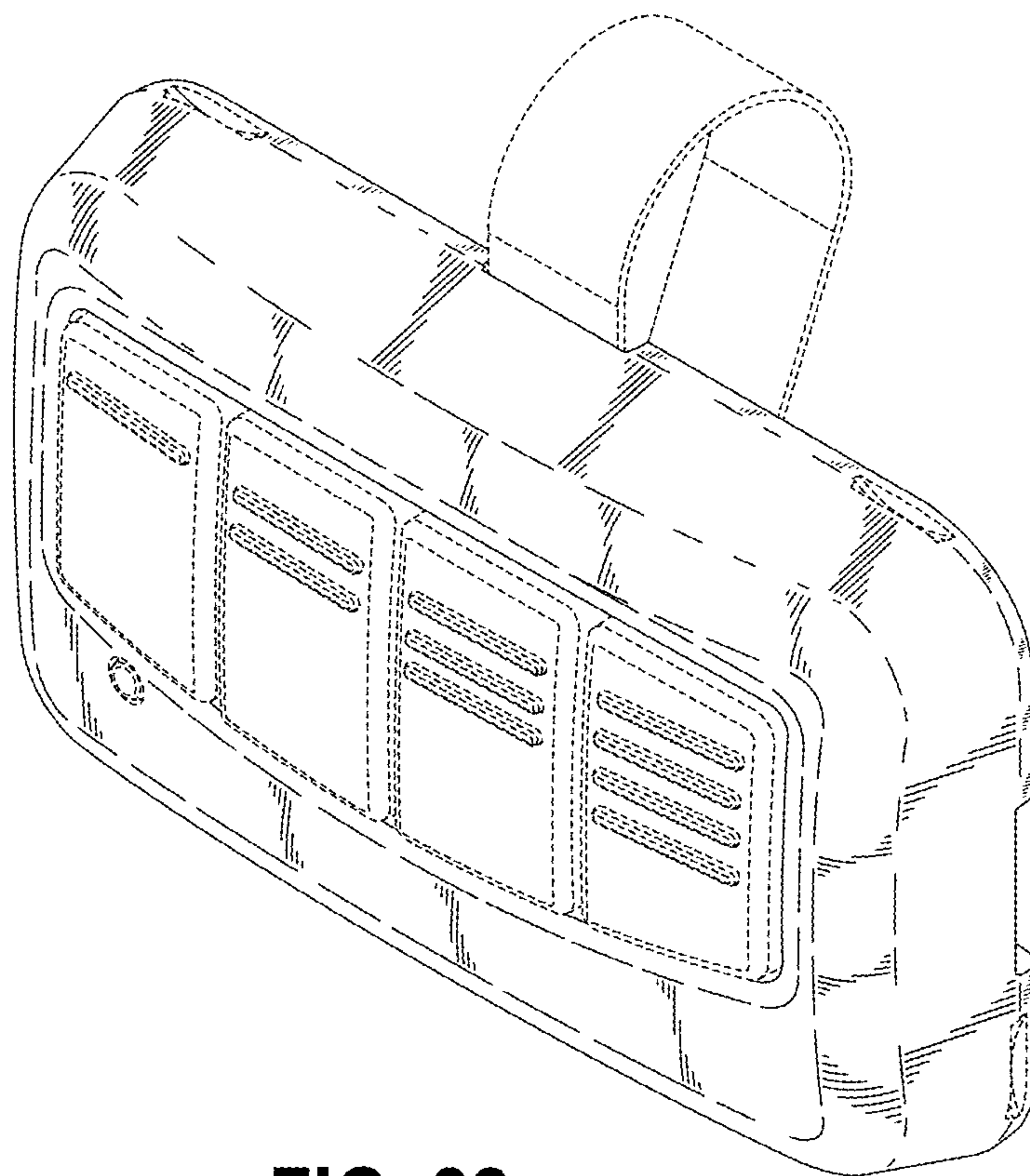


FIG. 22

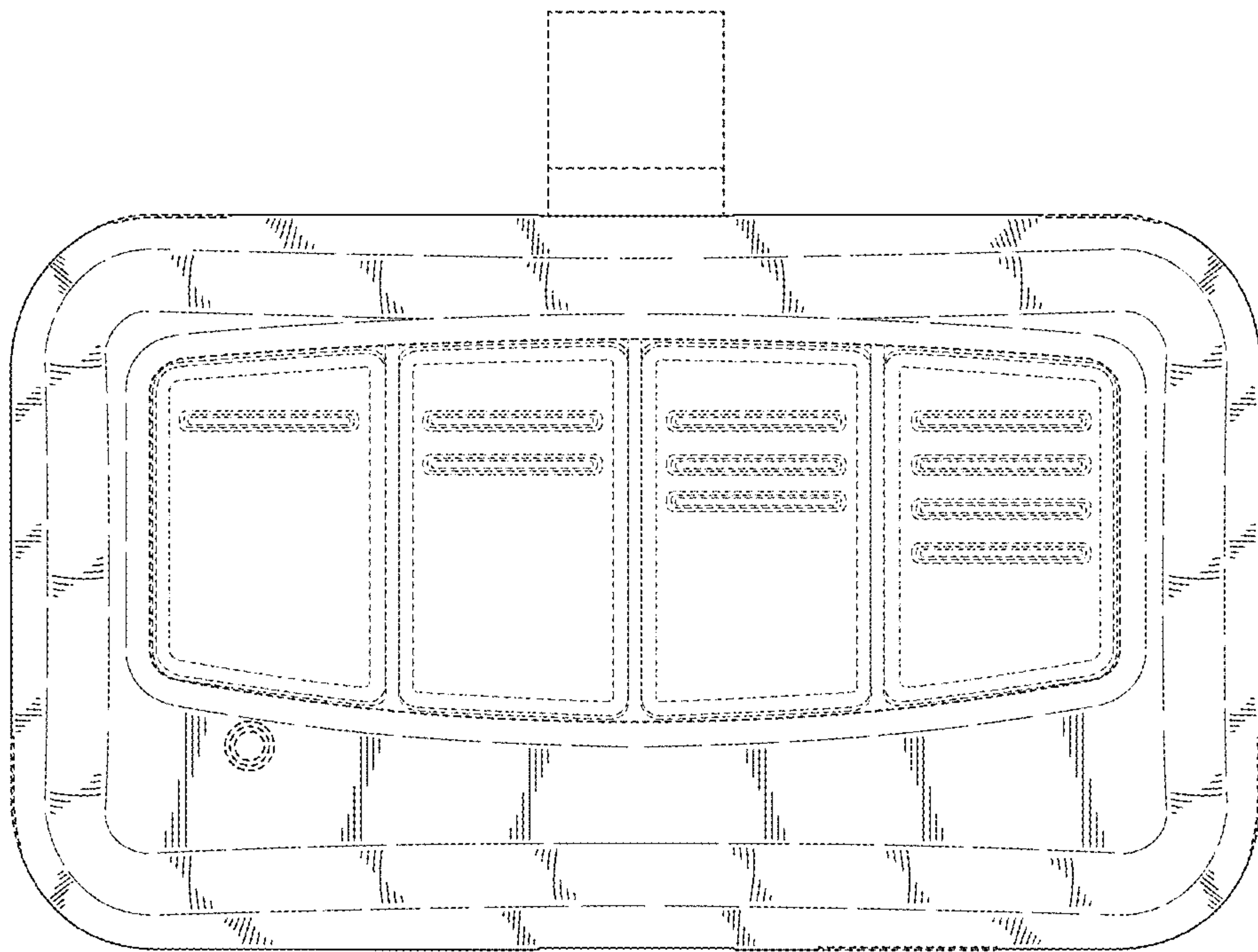


FIG. 23

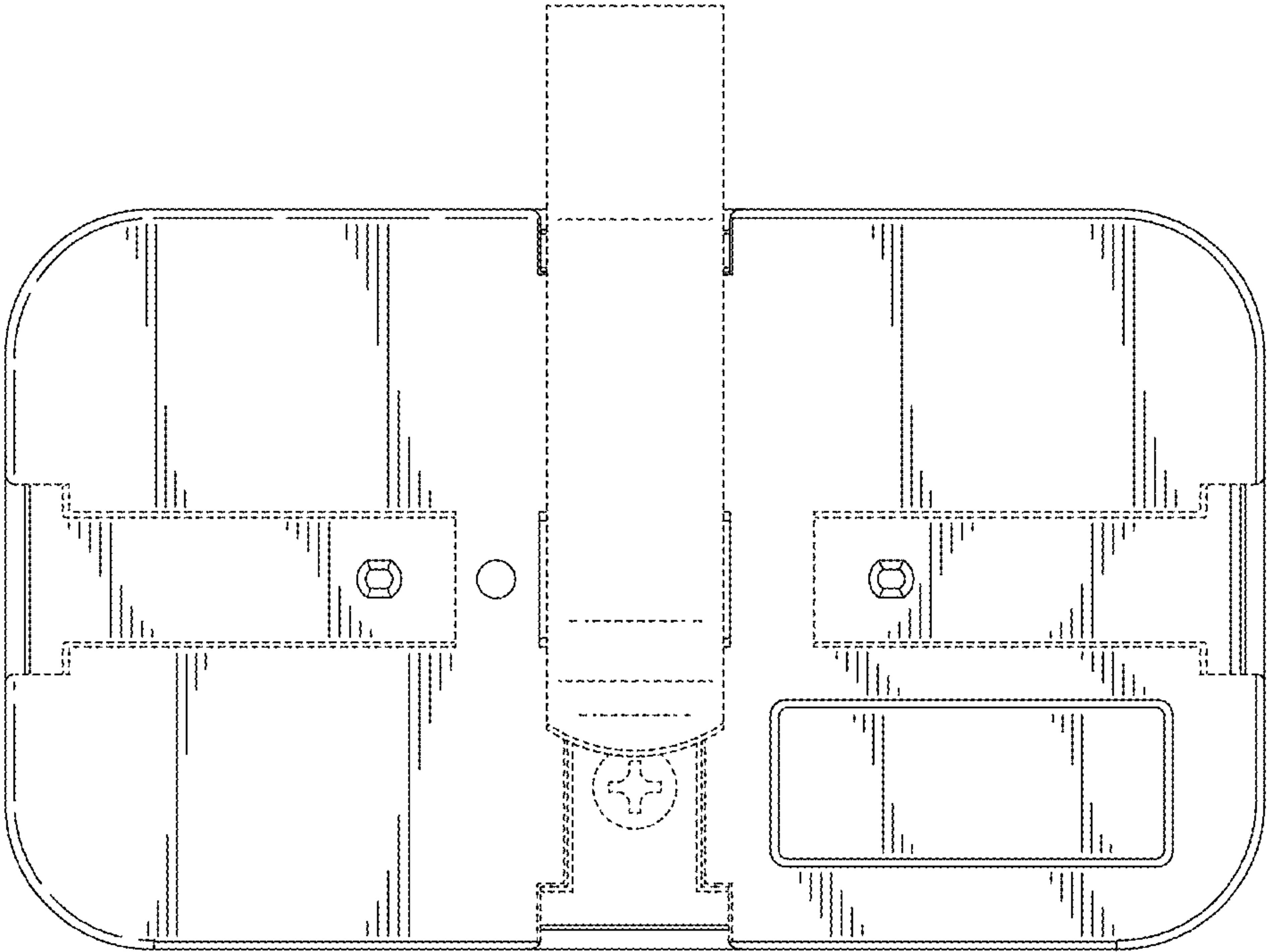


FIG. 24

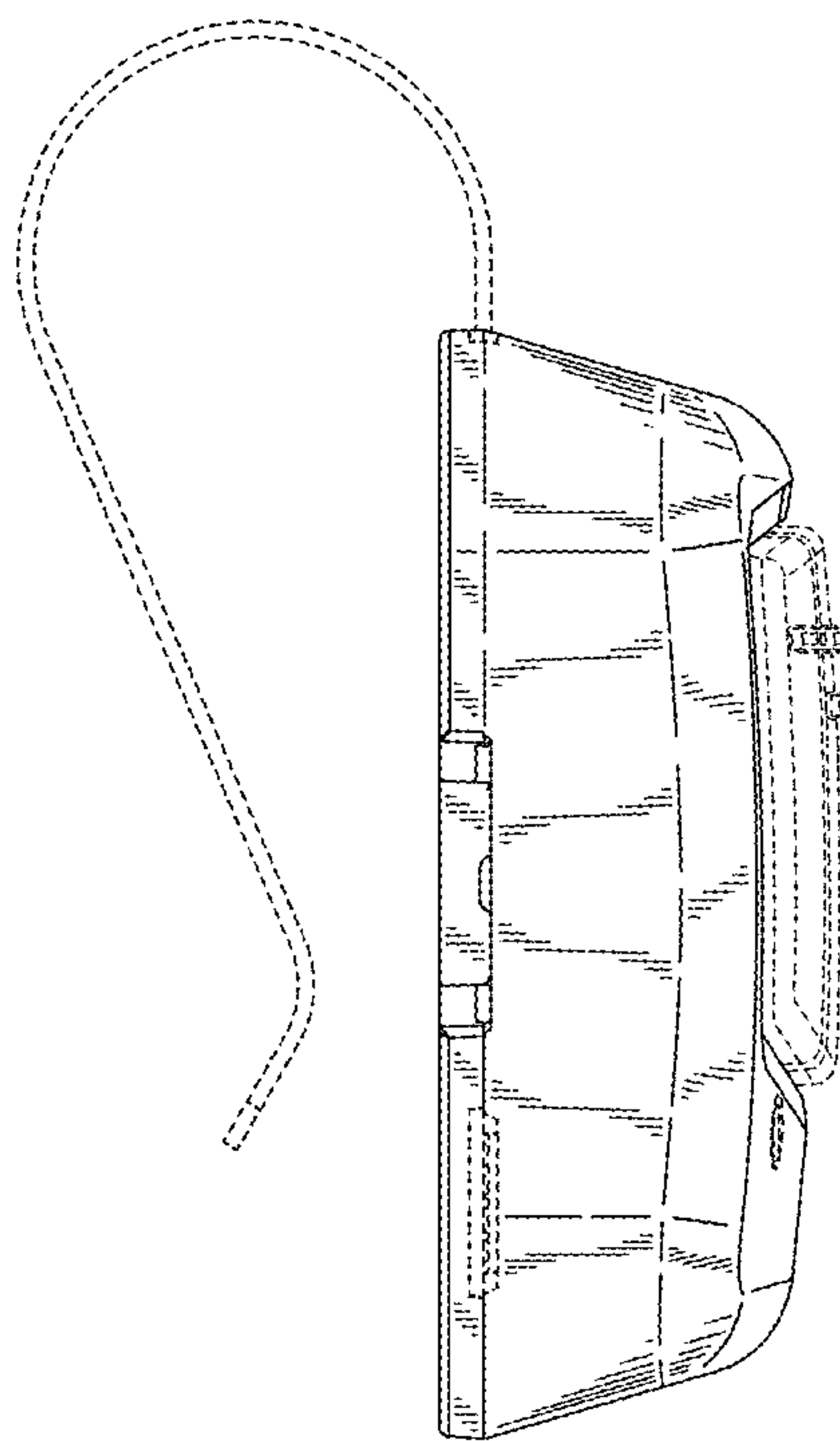


FIG. 25

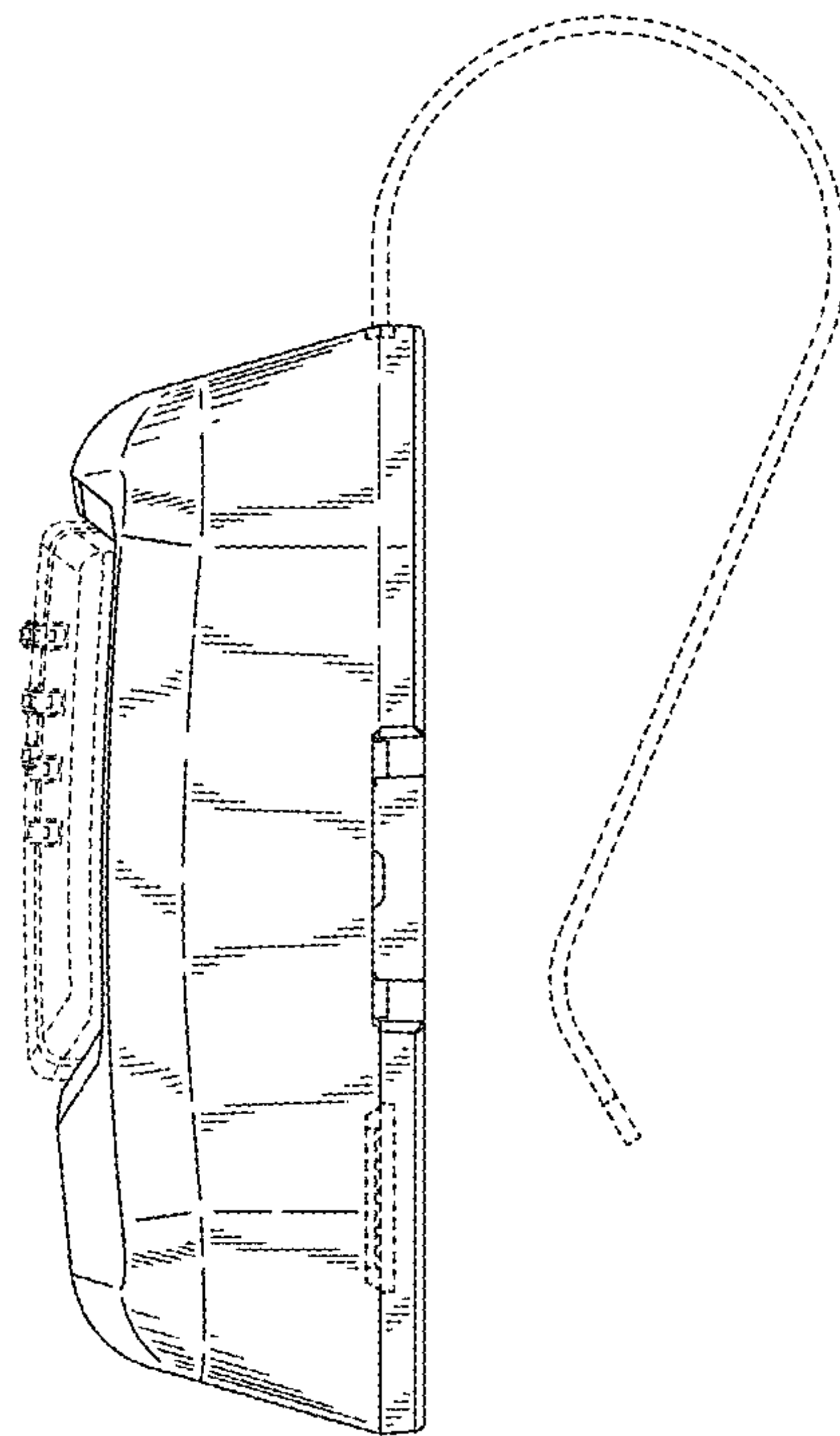


FIG. 26

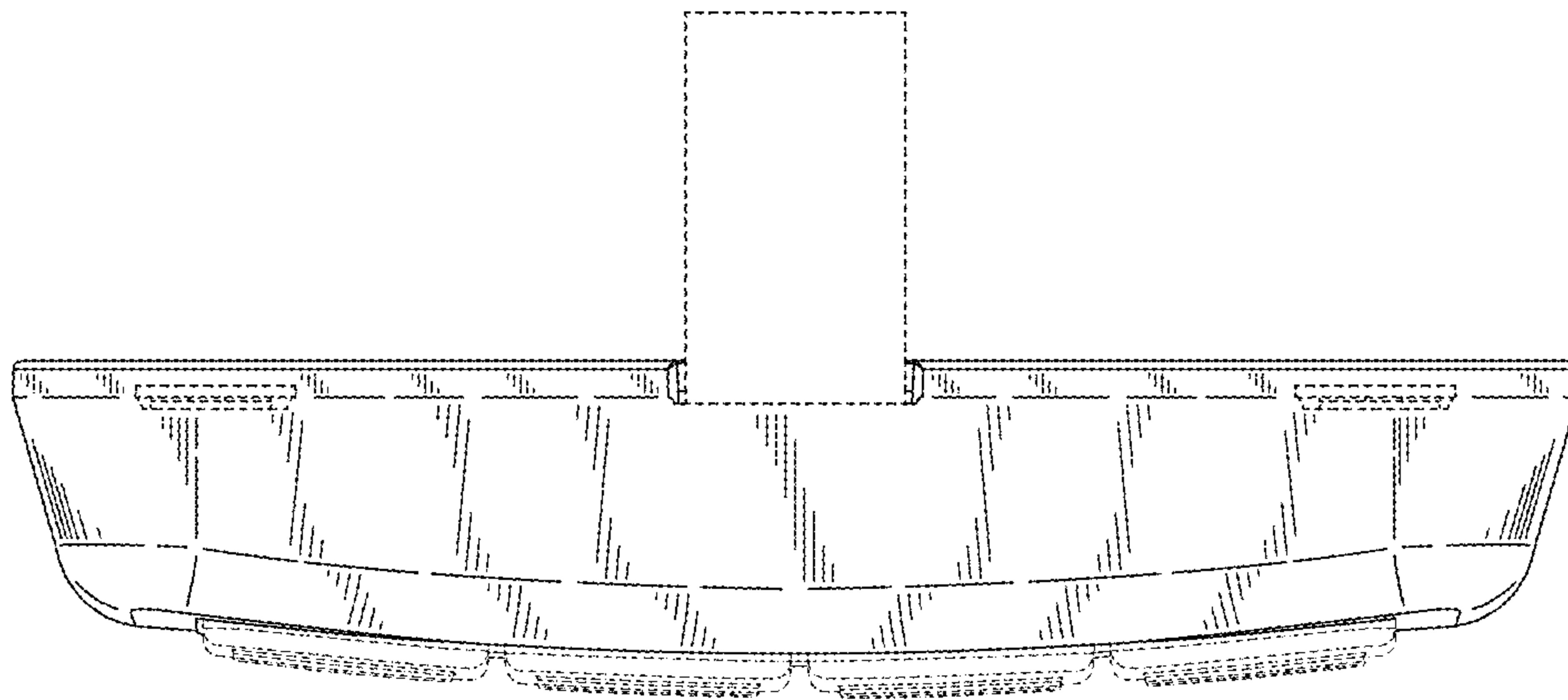


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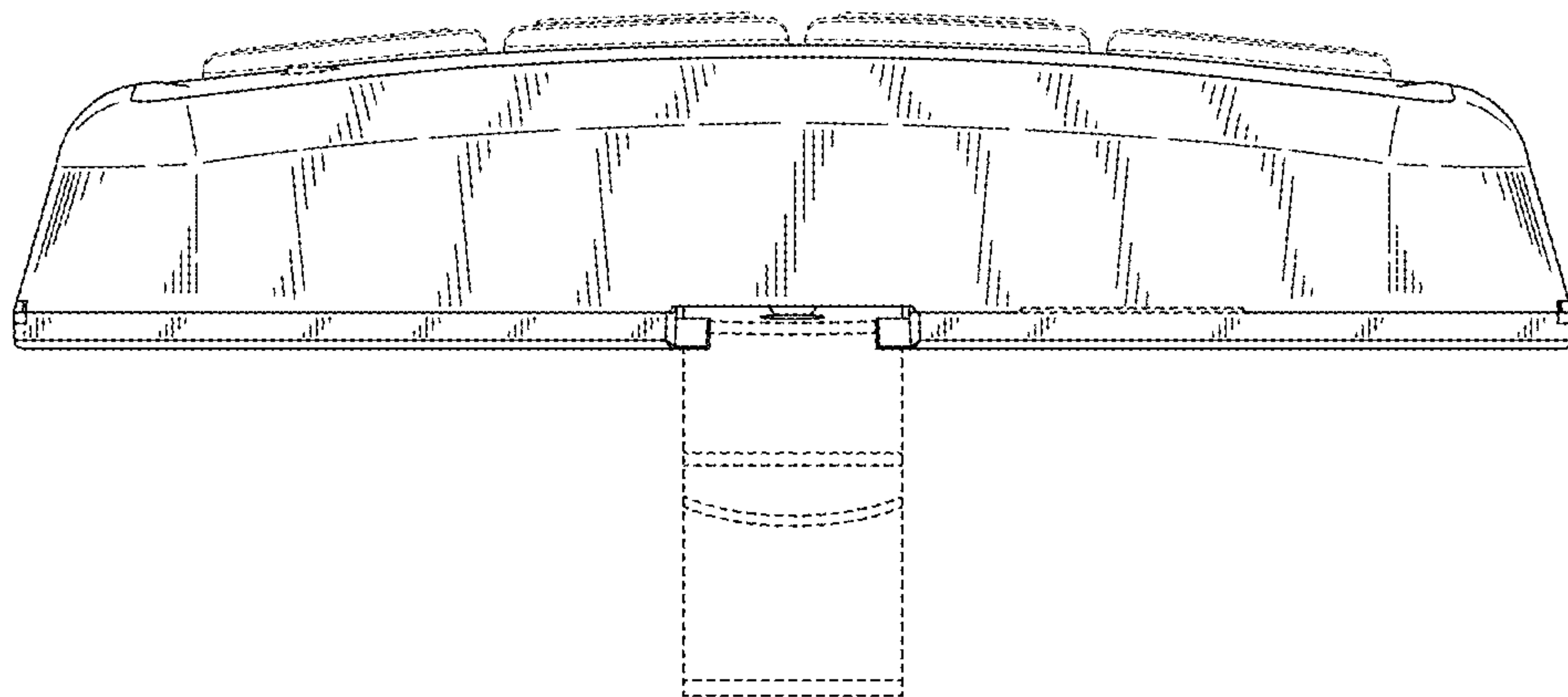


FIG. 28

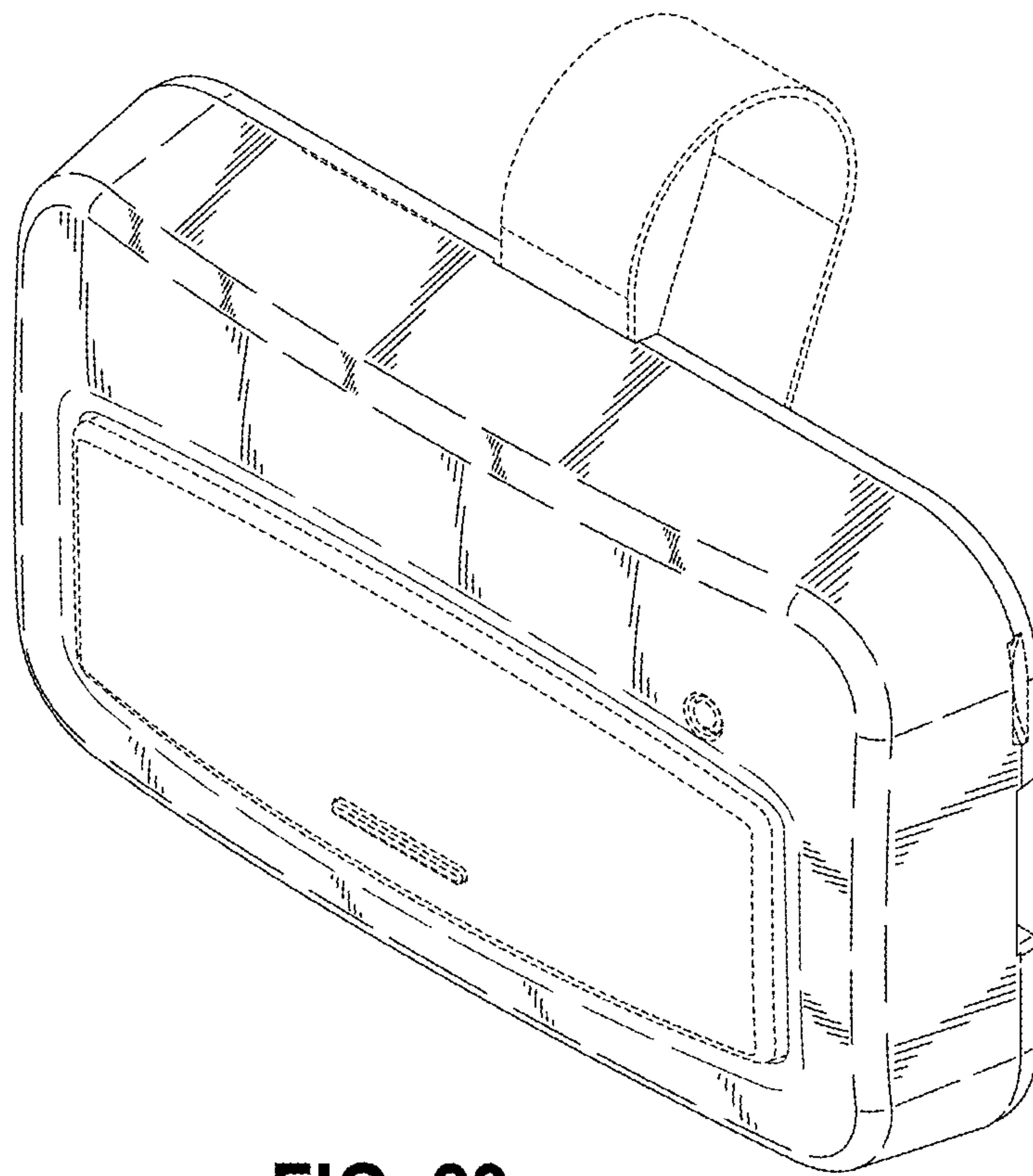


FIG. 29

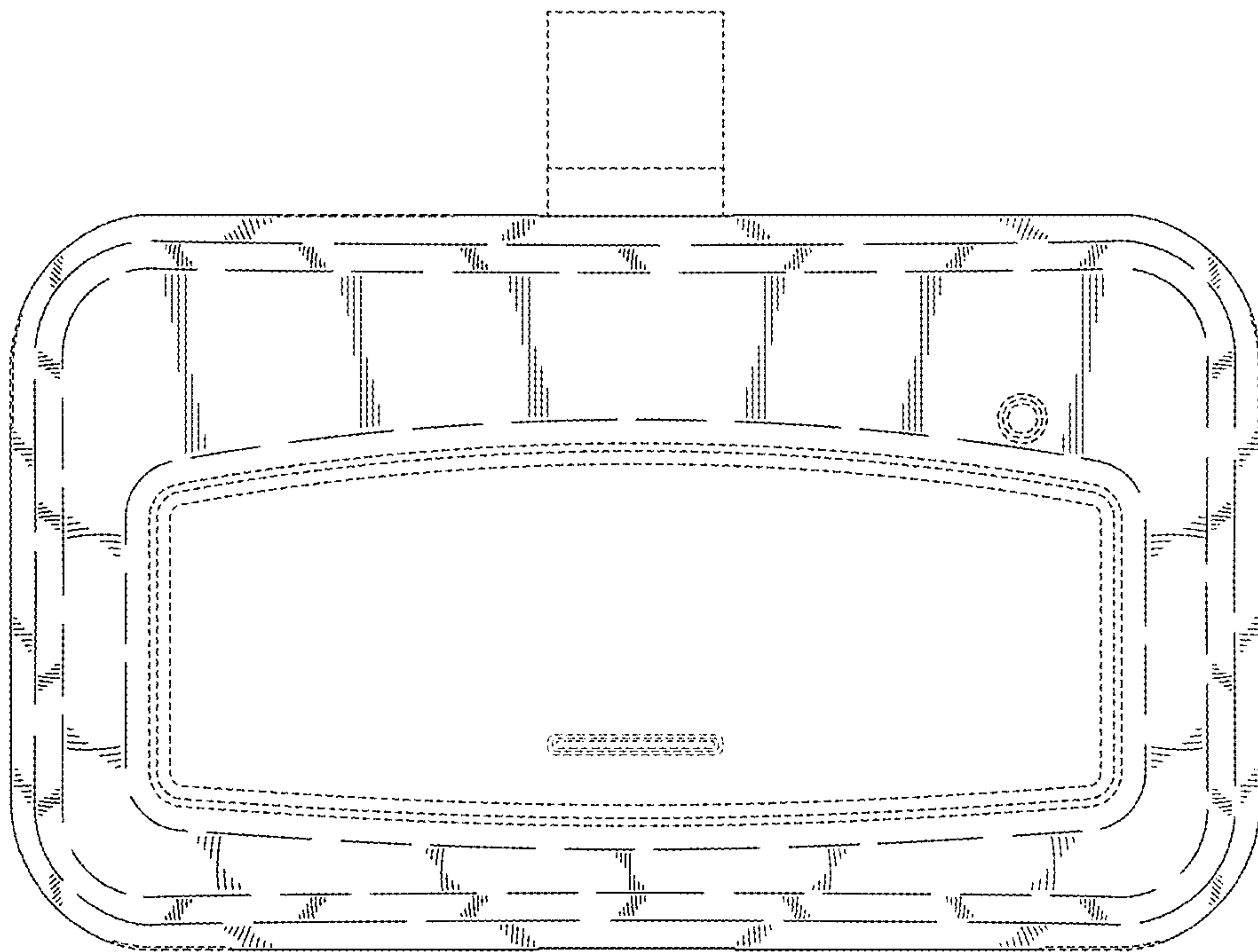


FIG. 30

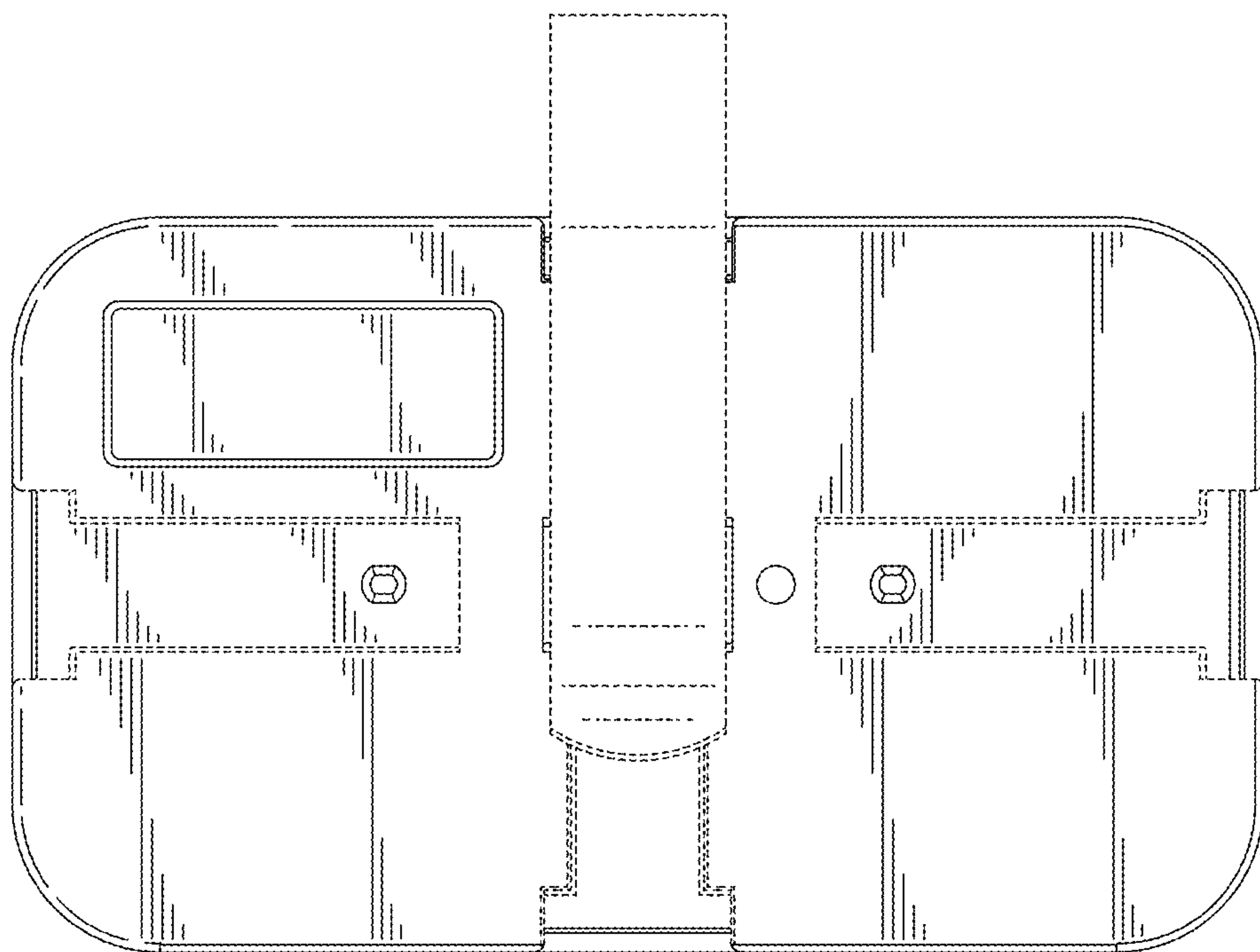


FIG. 31

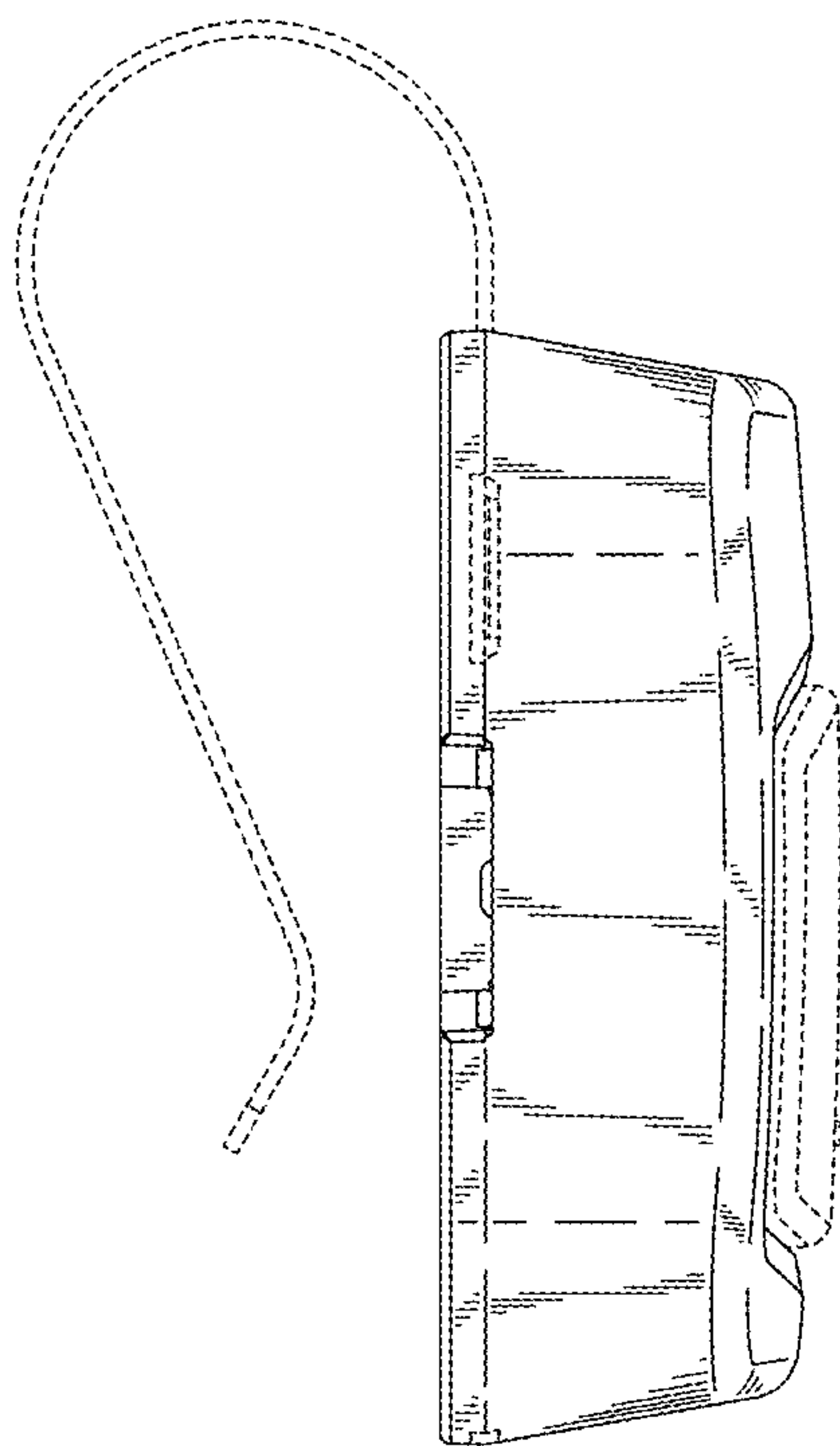


FIG. 32

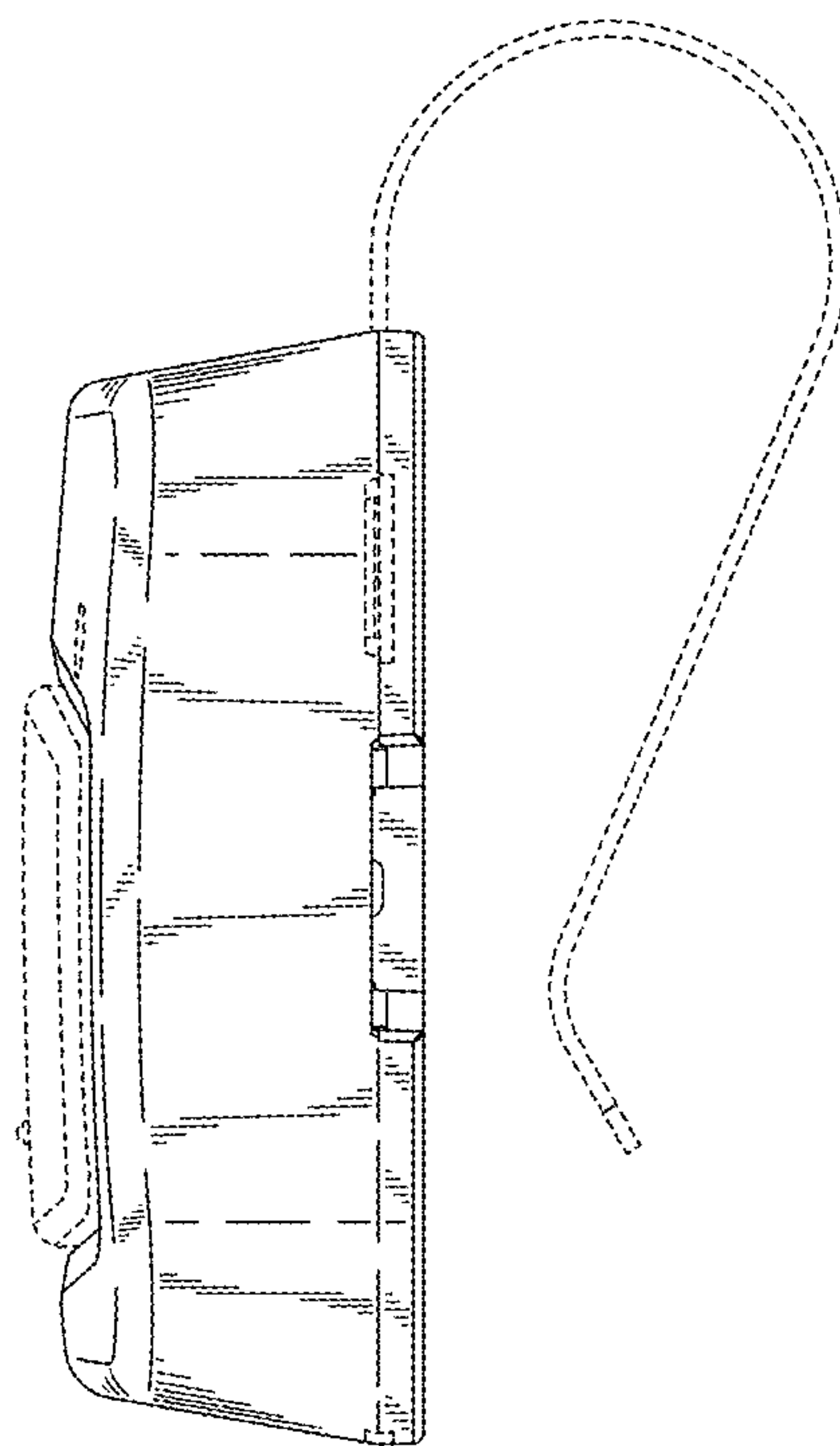


FIG. 33

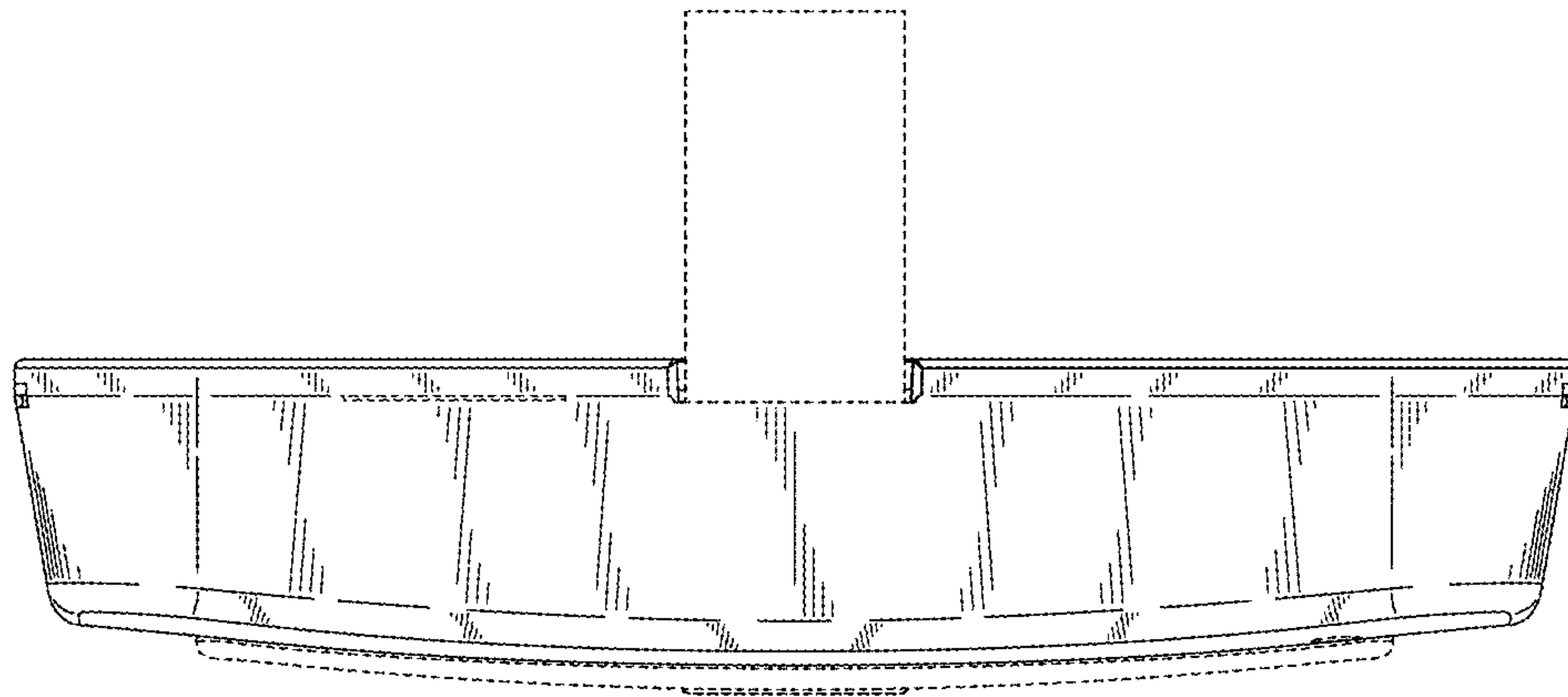


FIG. 34

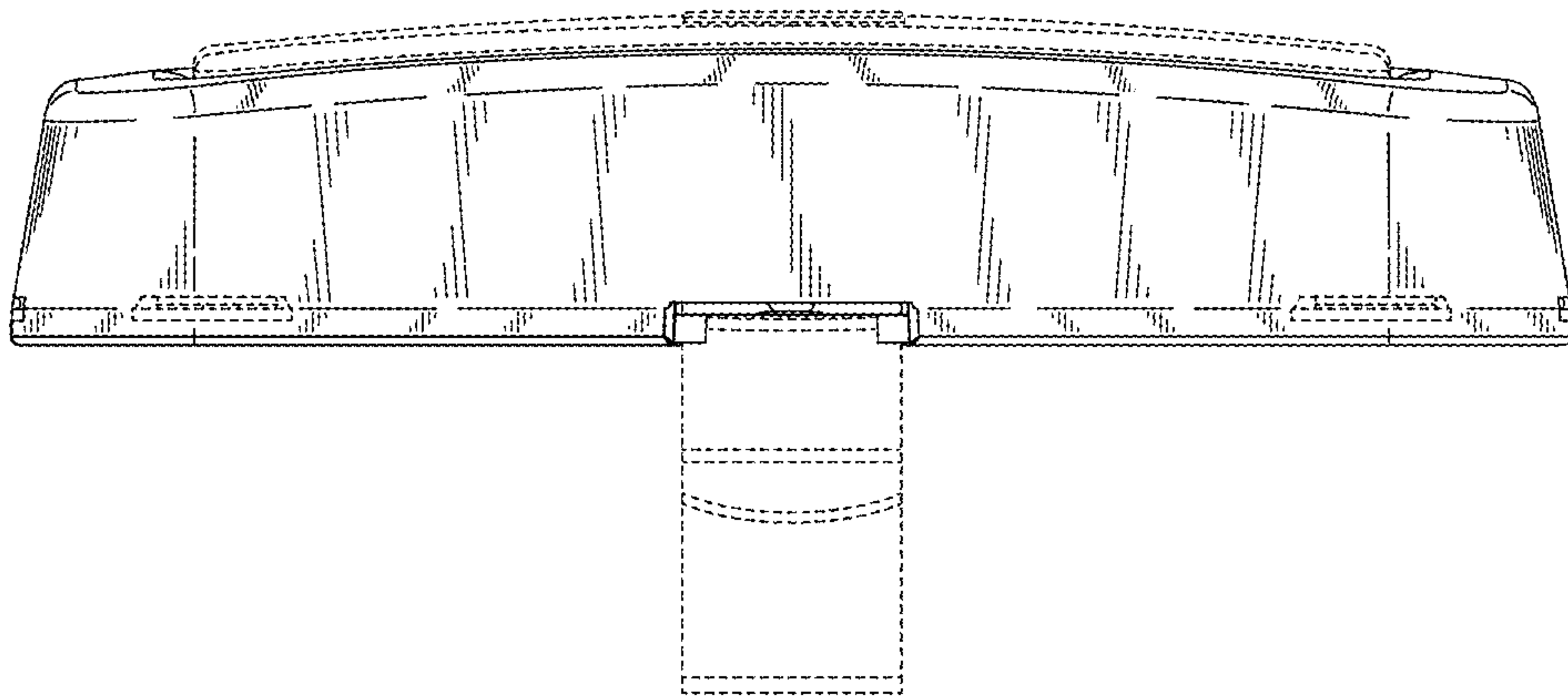


FIG. 35

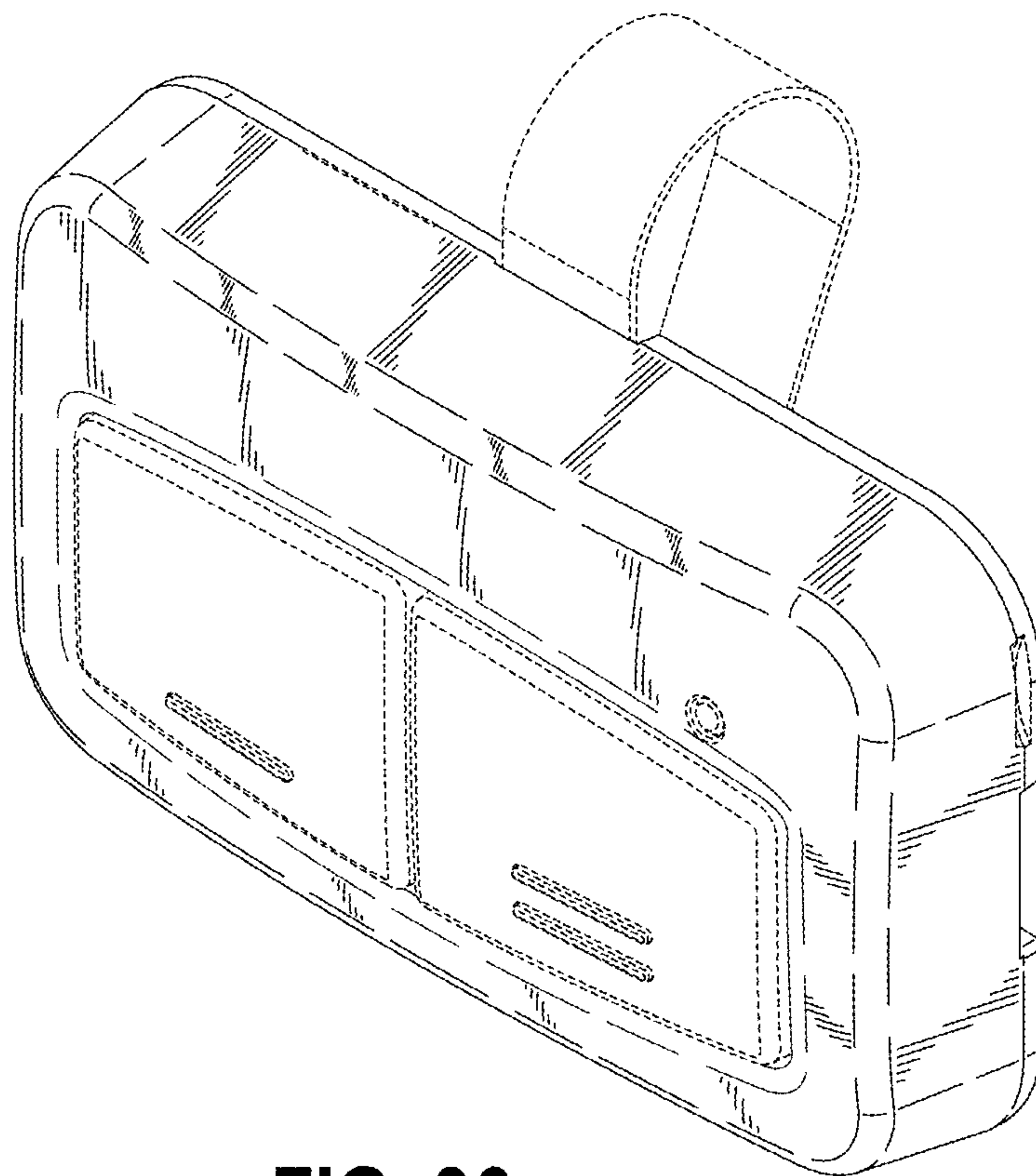


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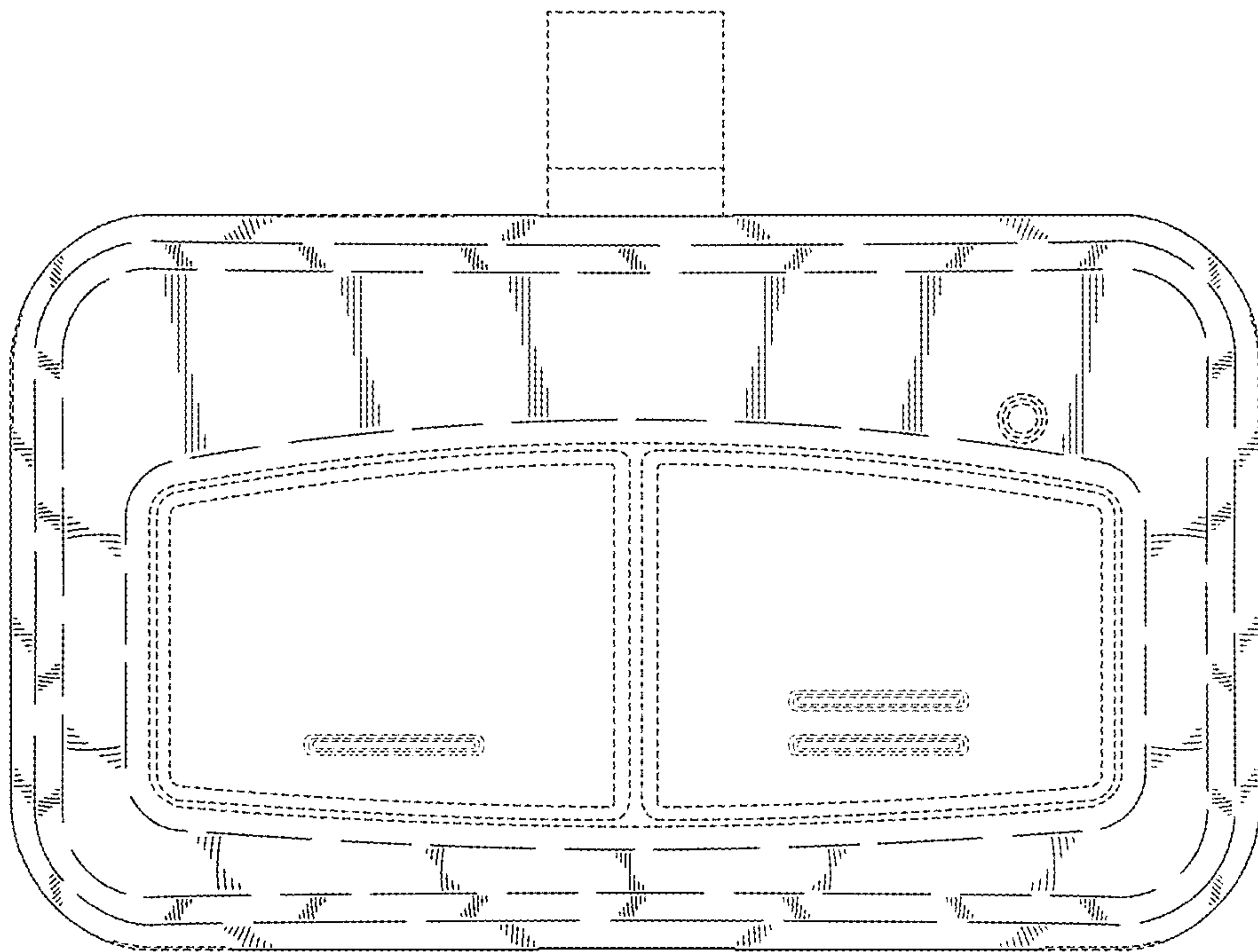


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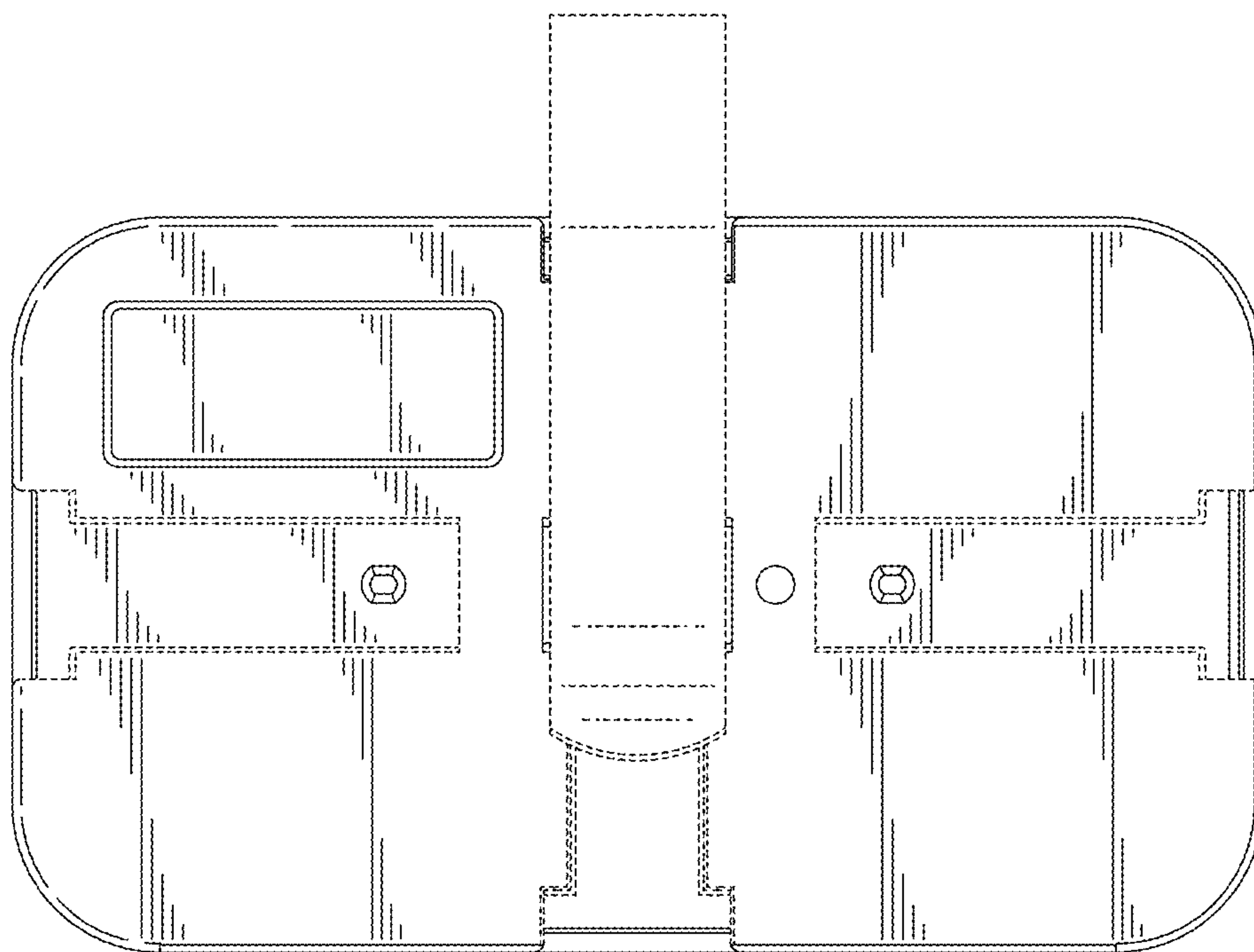


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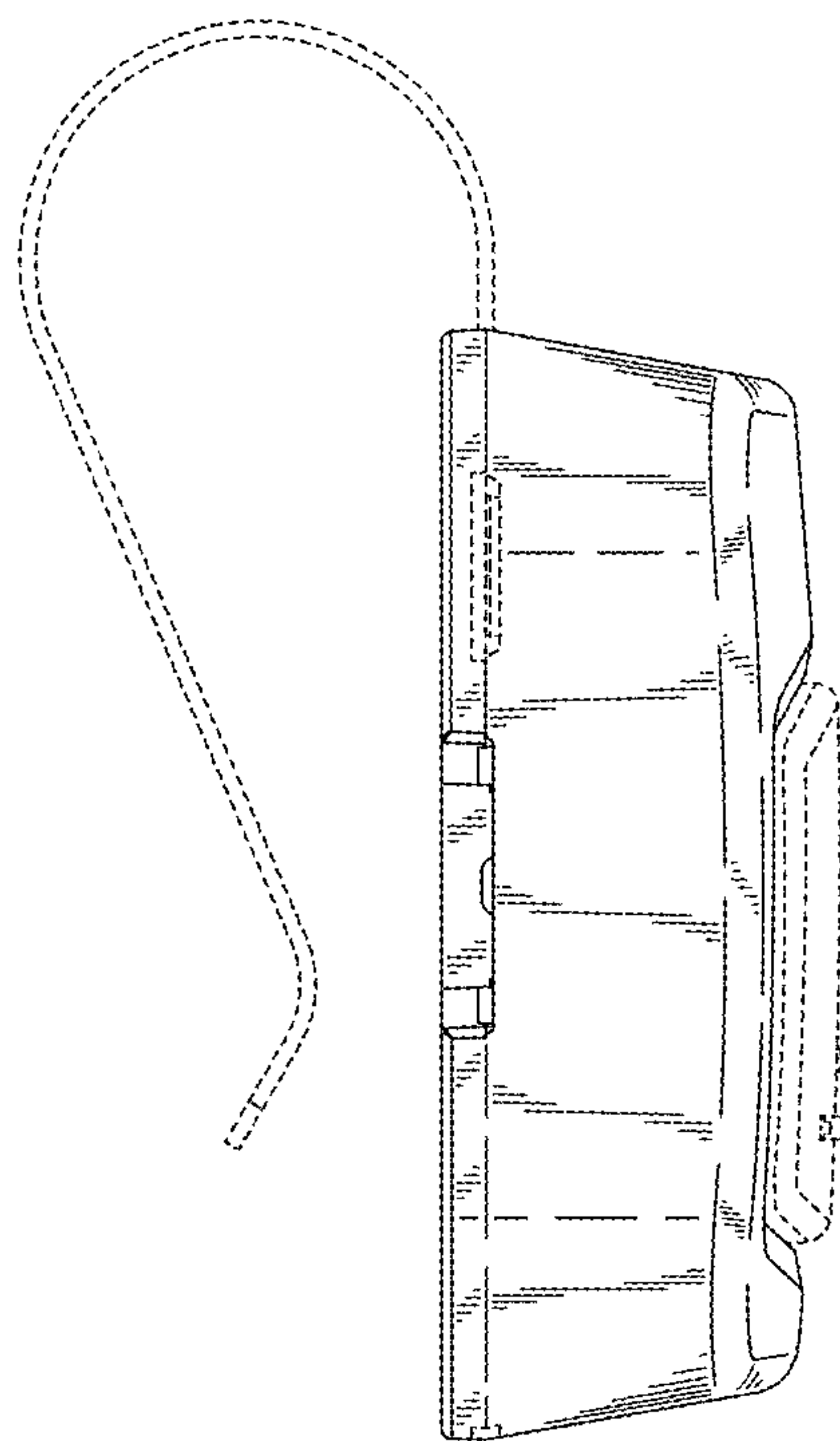


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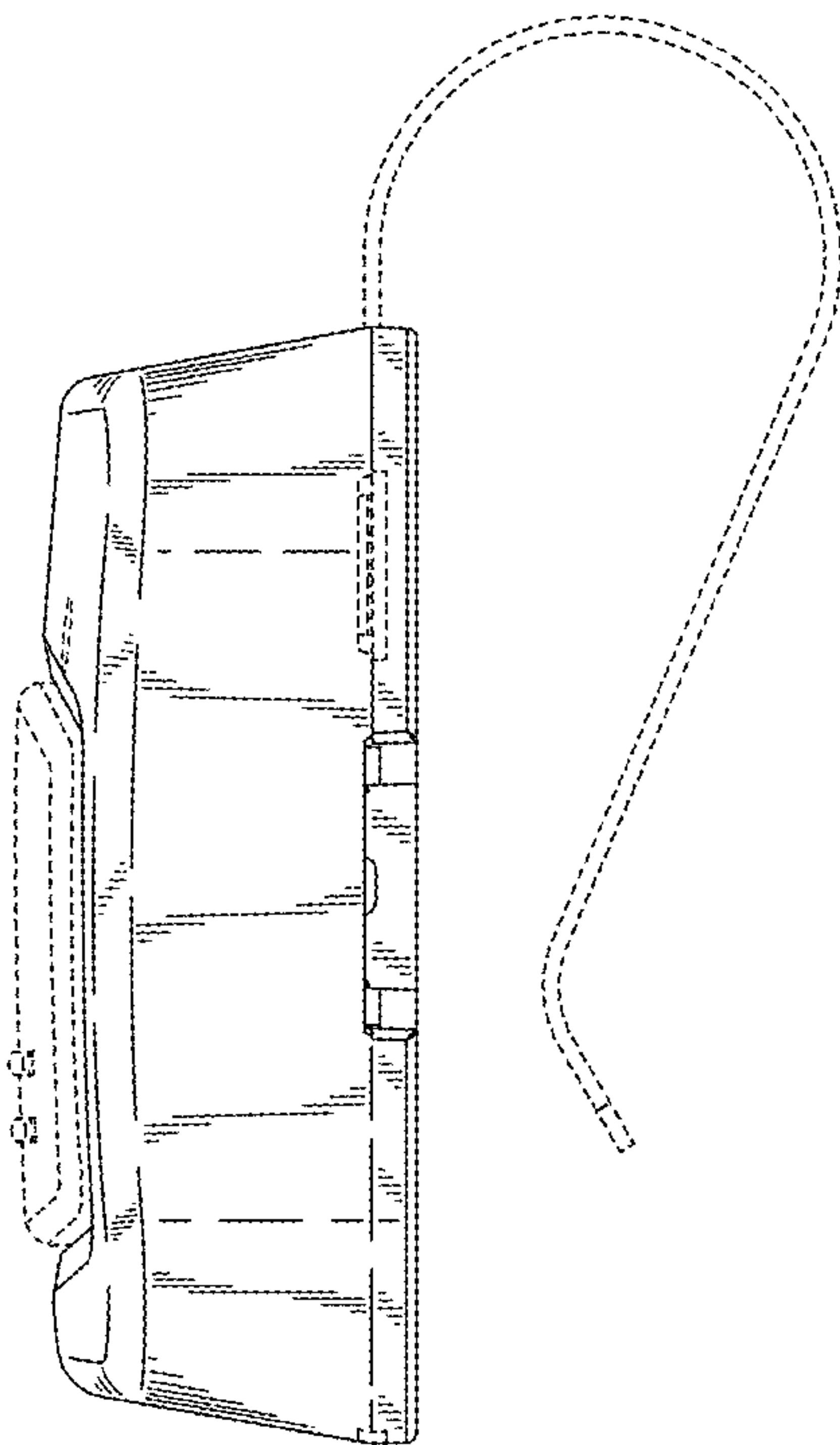


FIG. 40

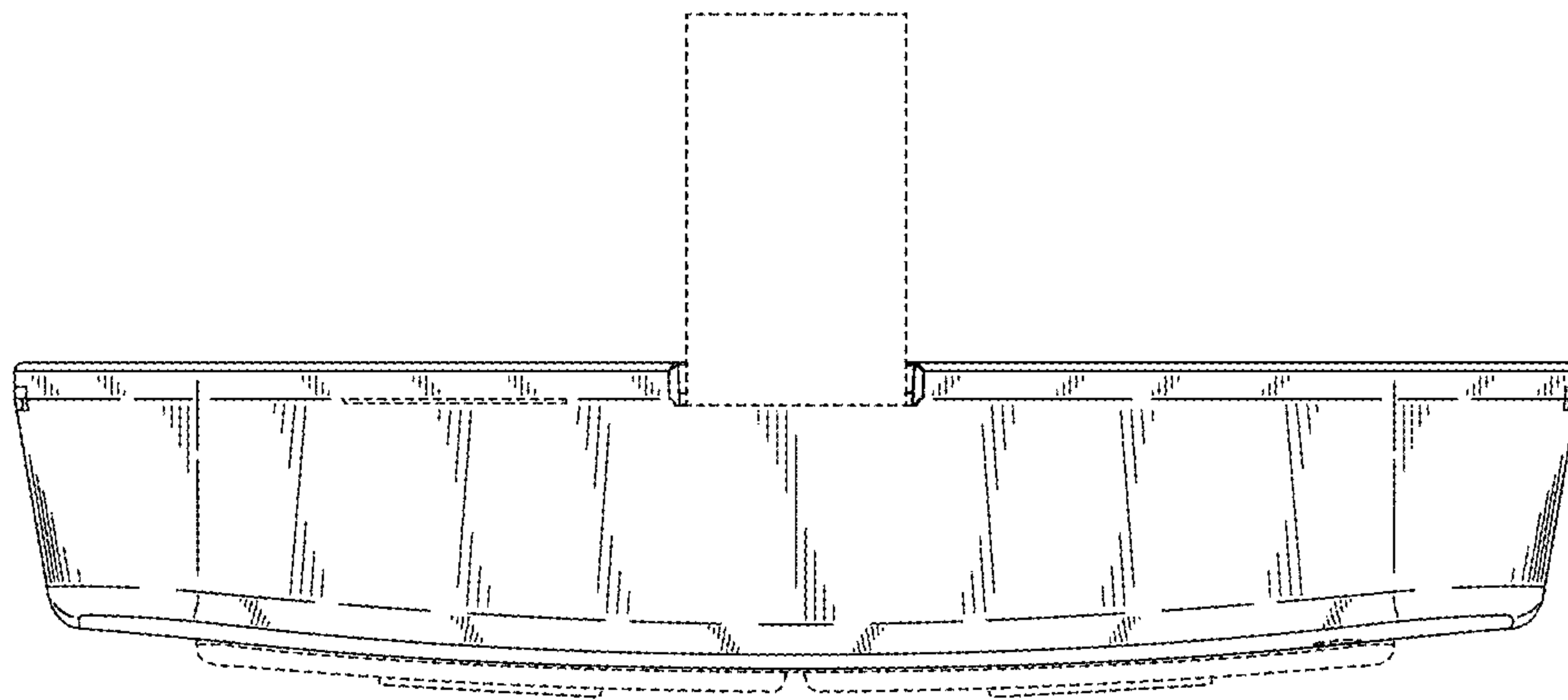


FIG. 41

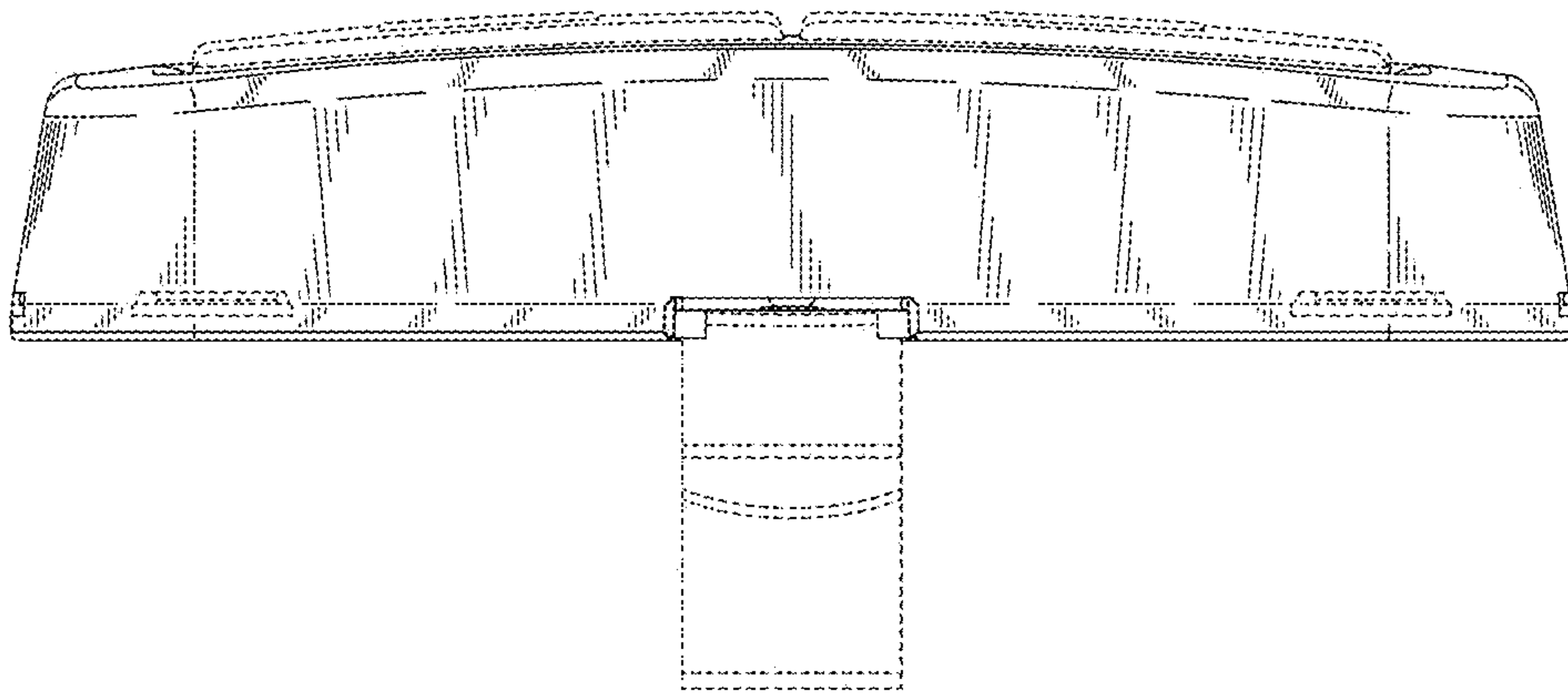


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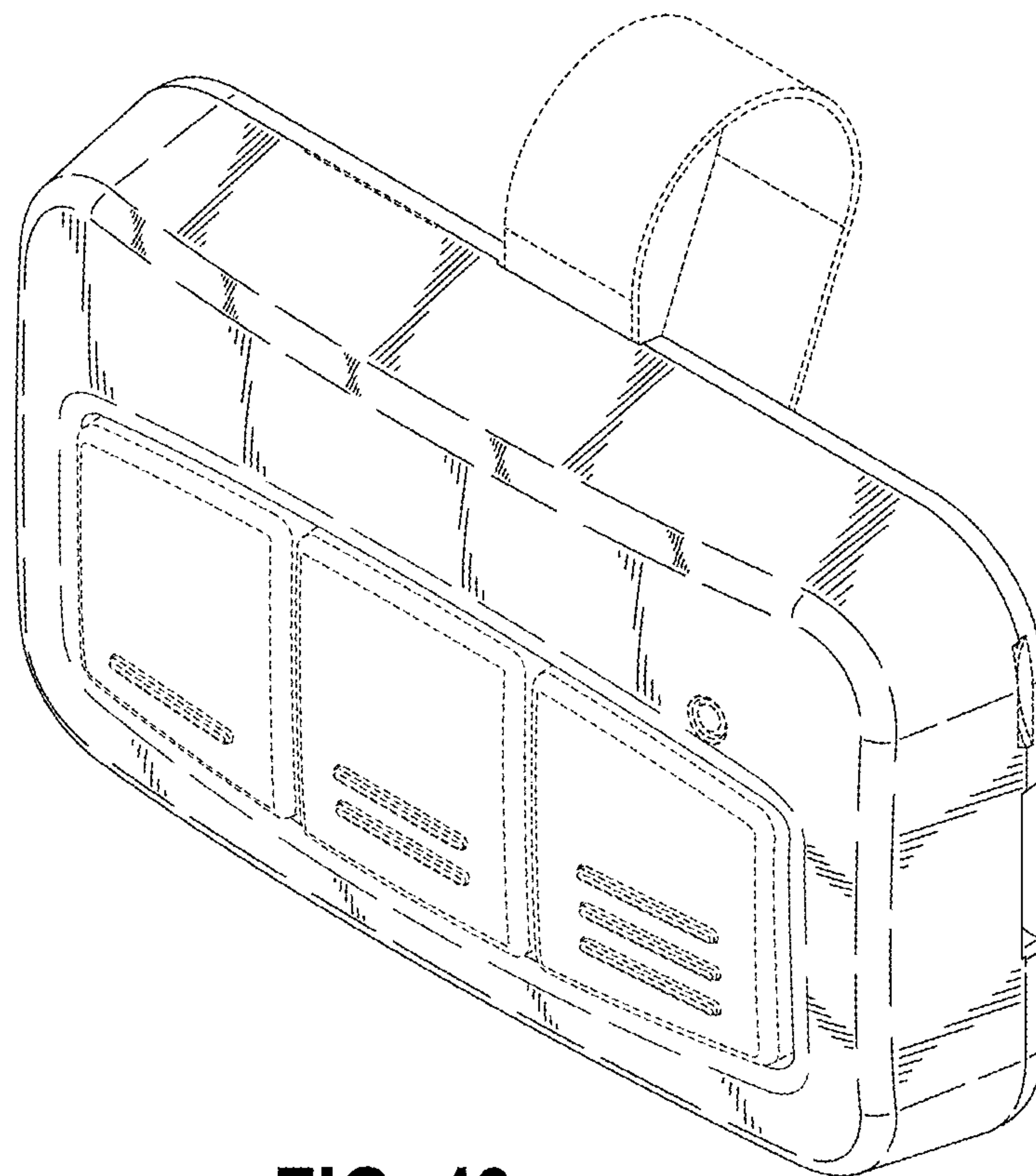


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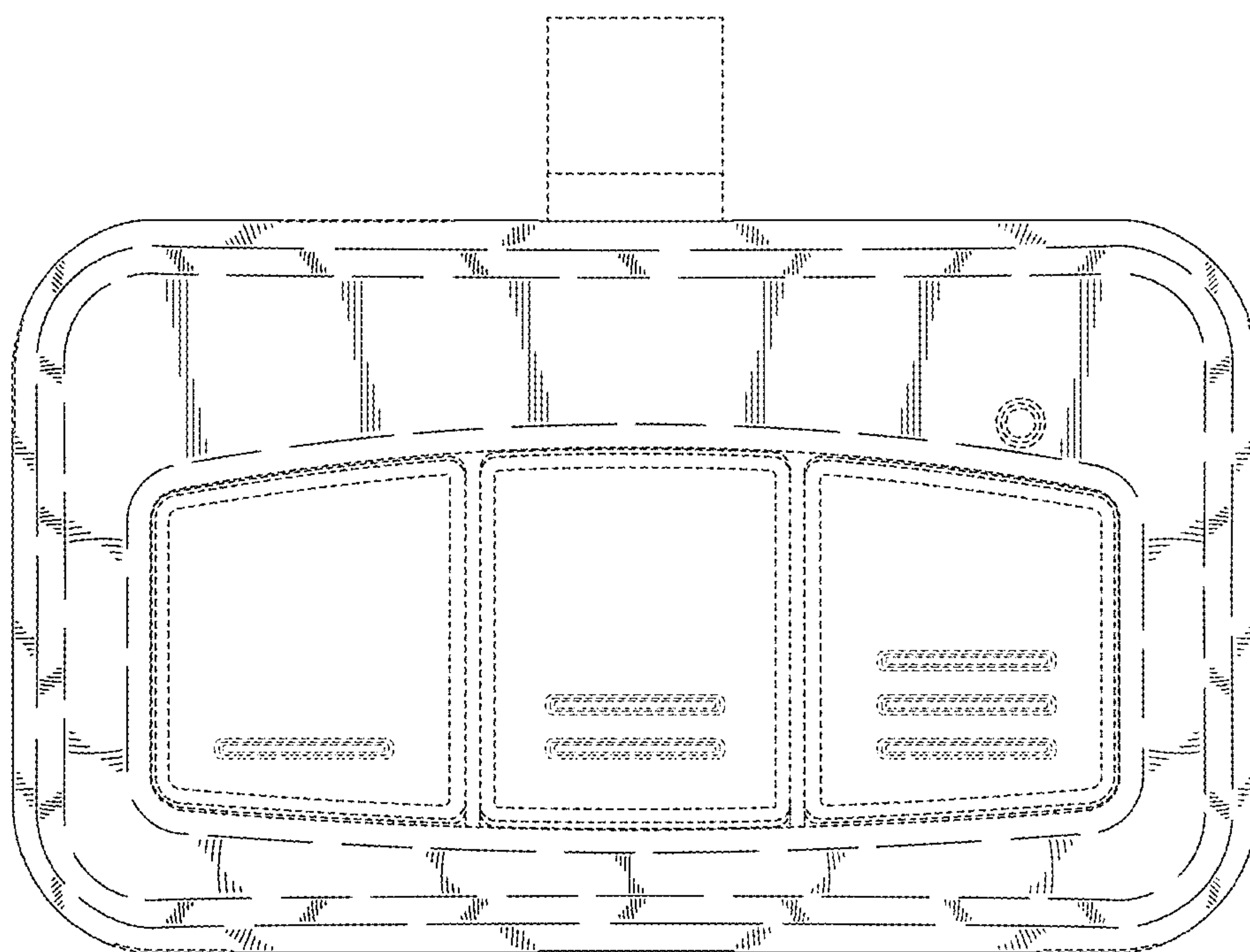


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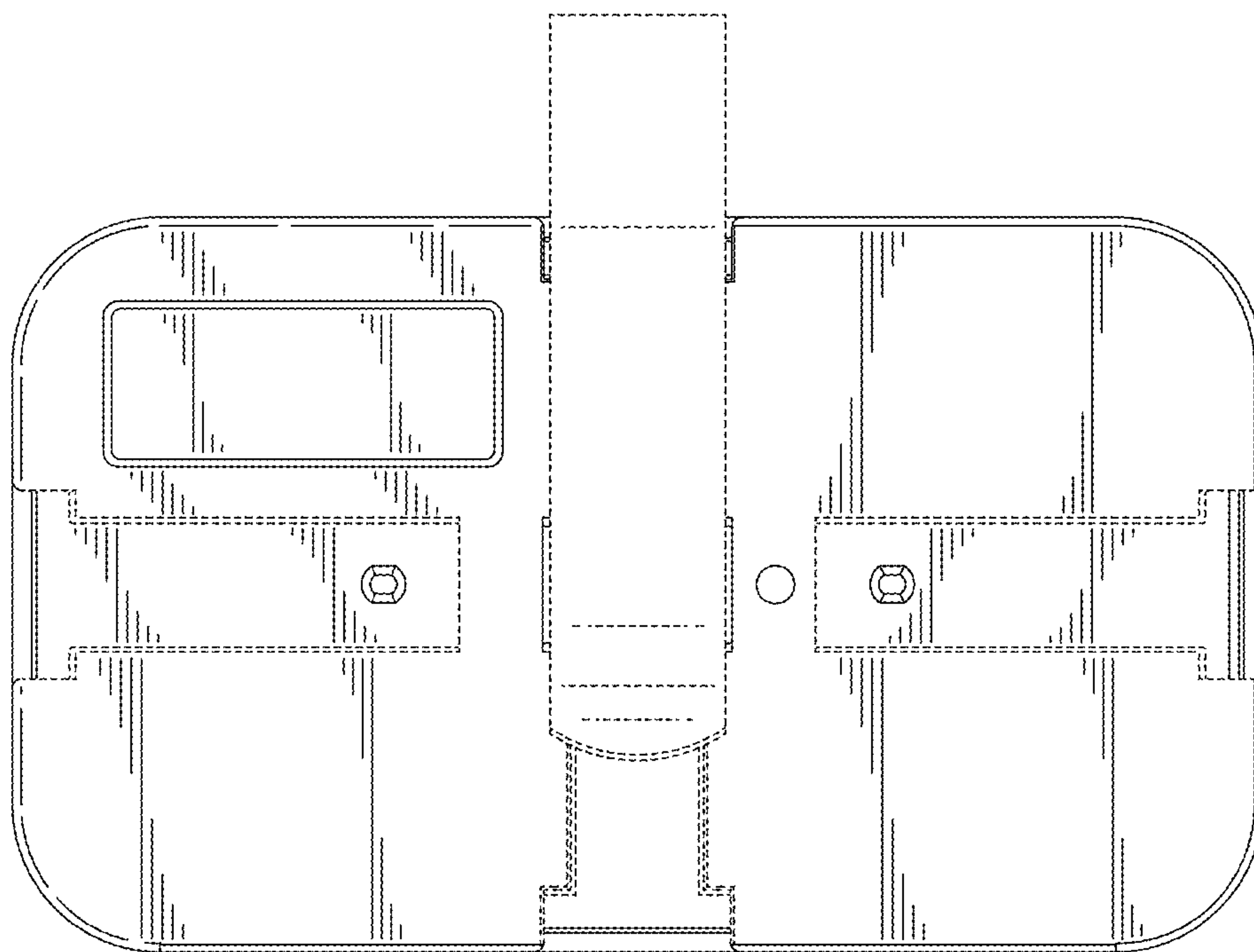


FIG. 45

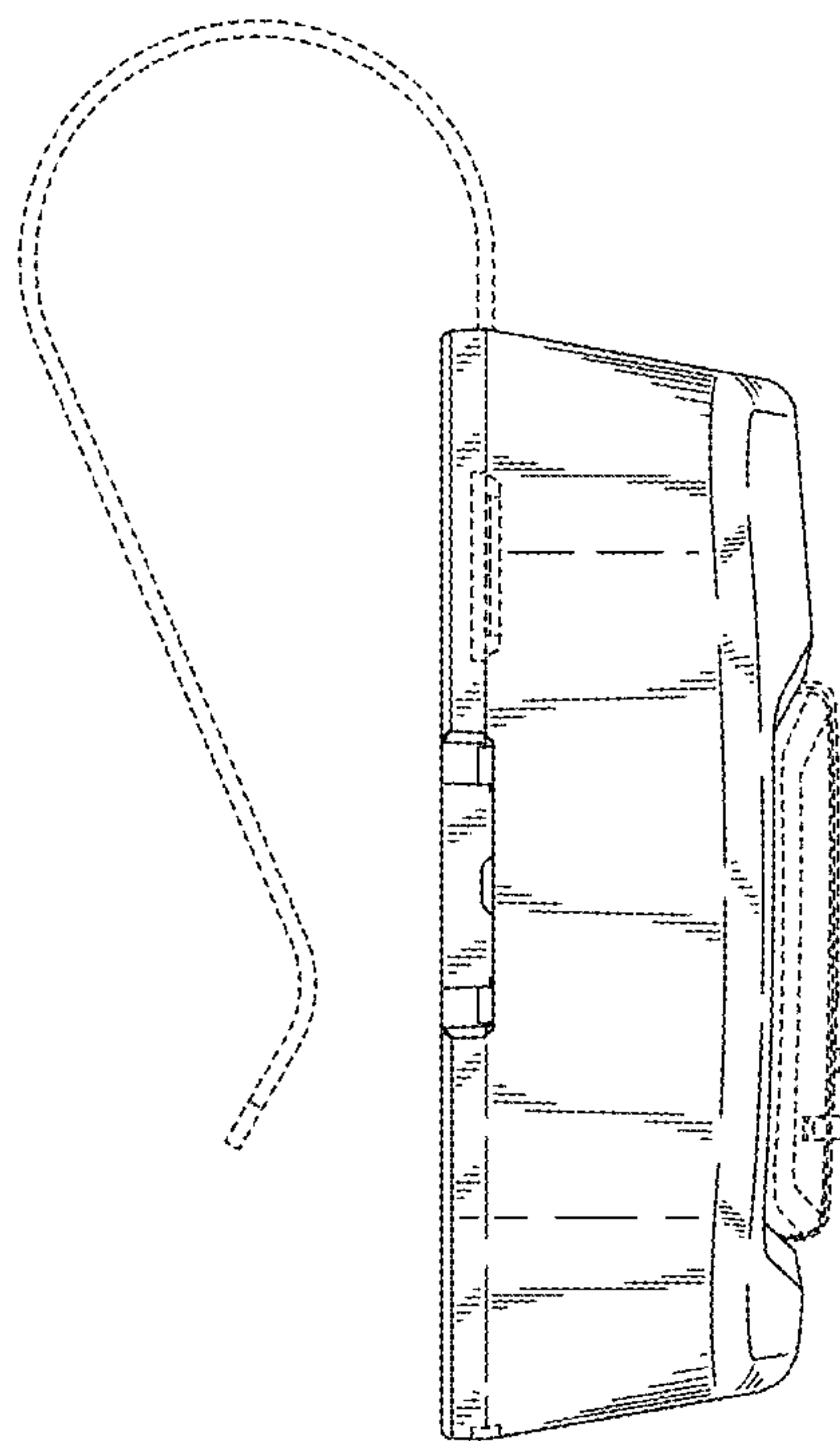


FIG. 46

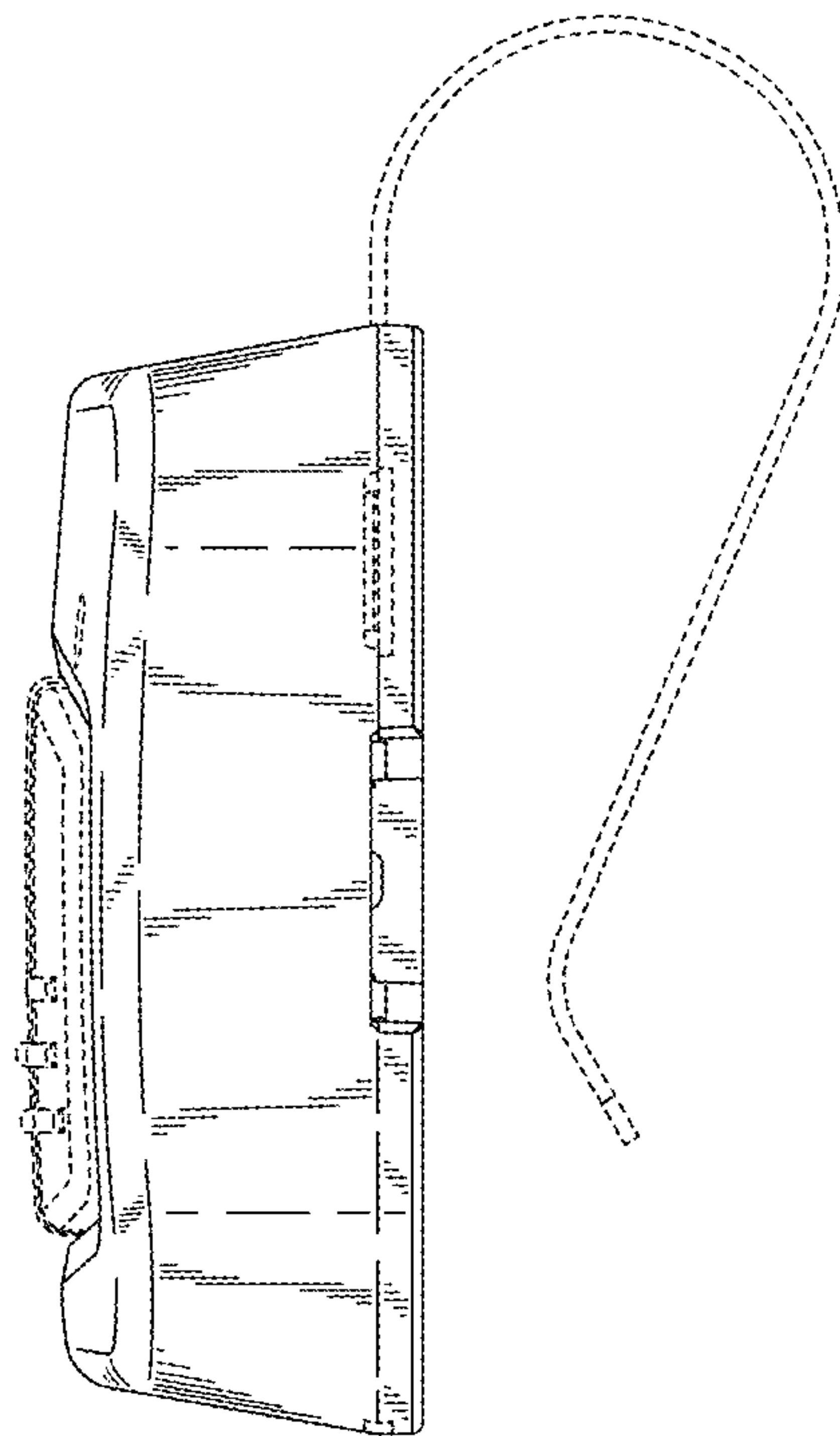


FIG. 47

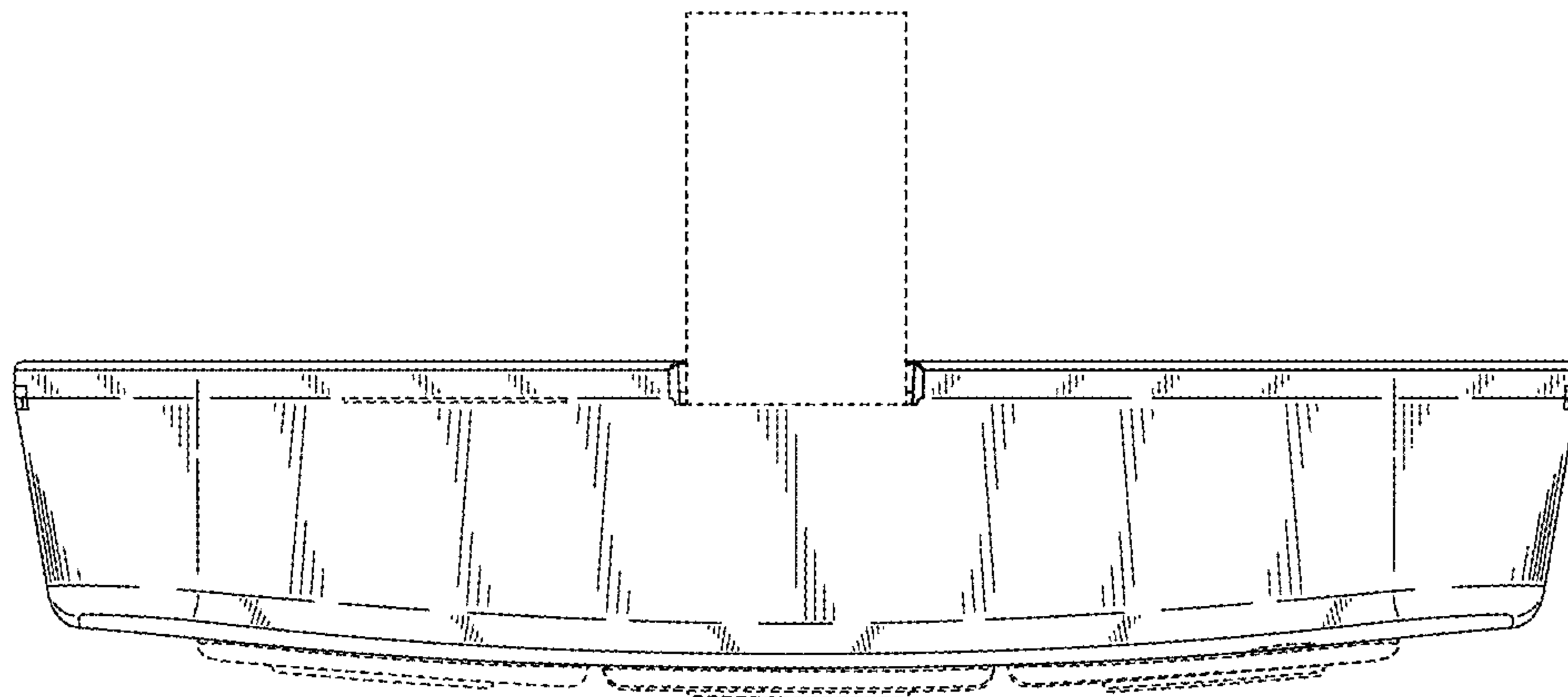


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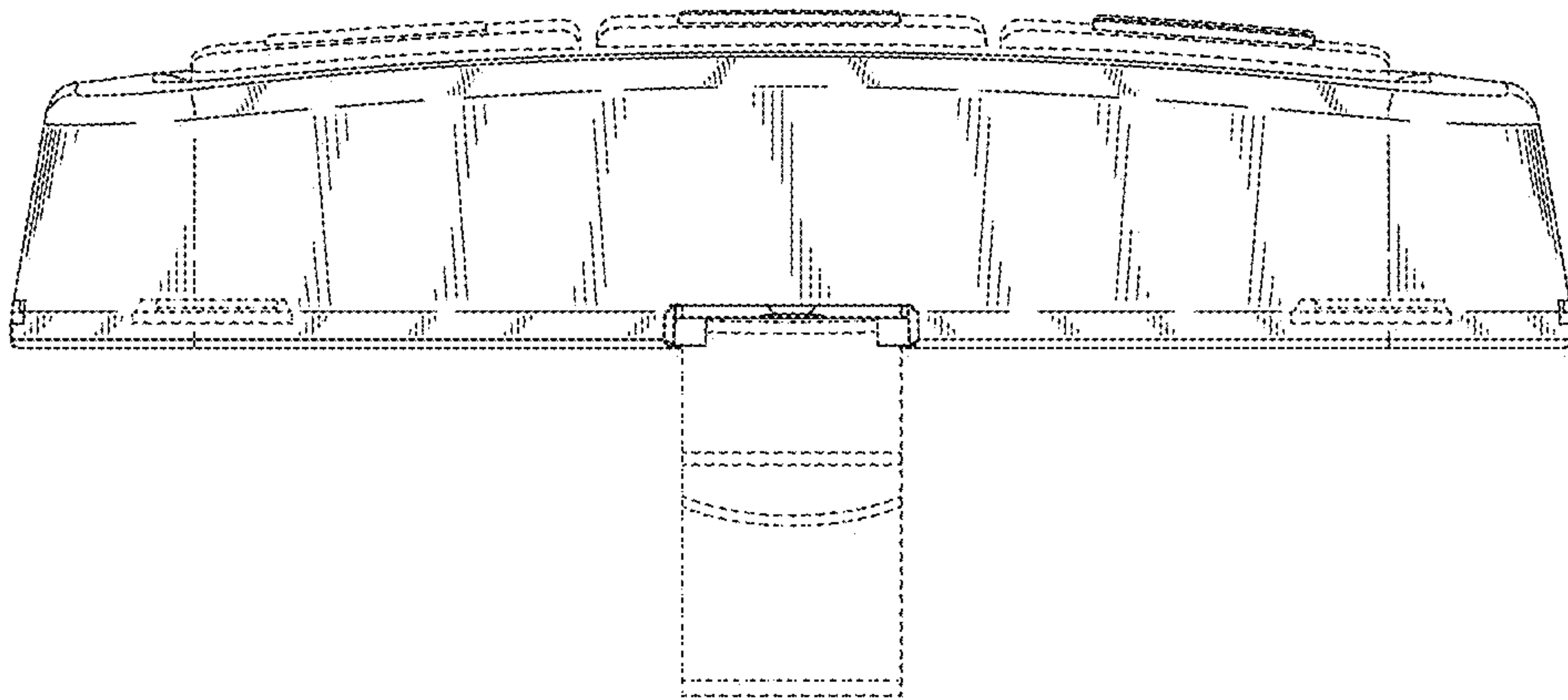


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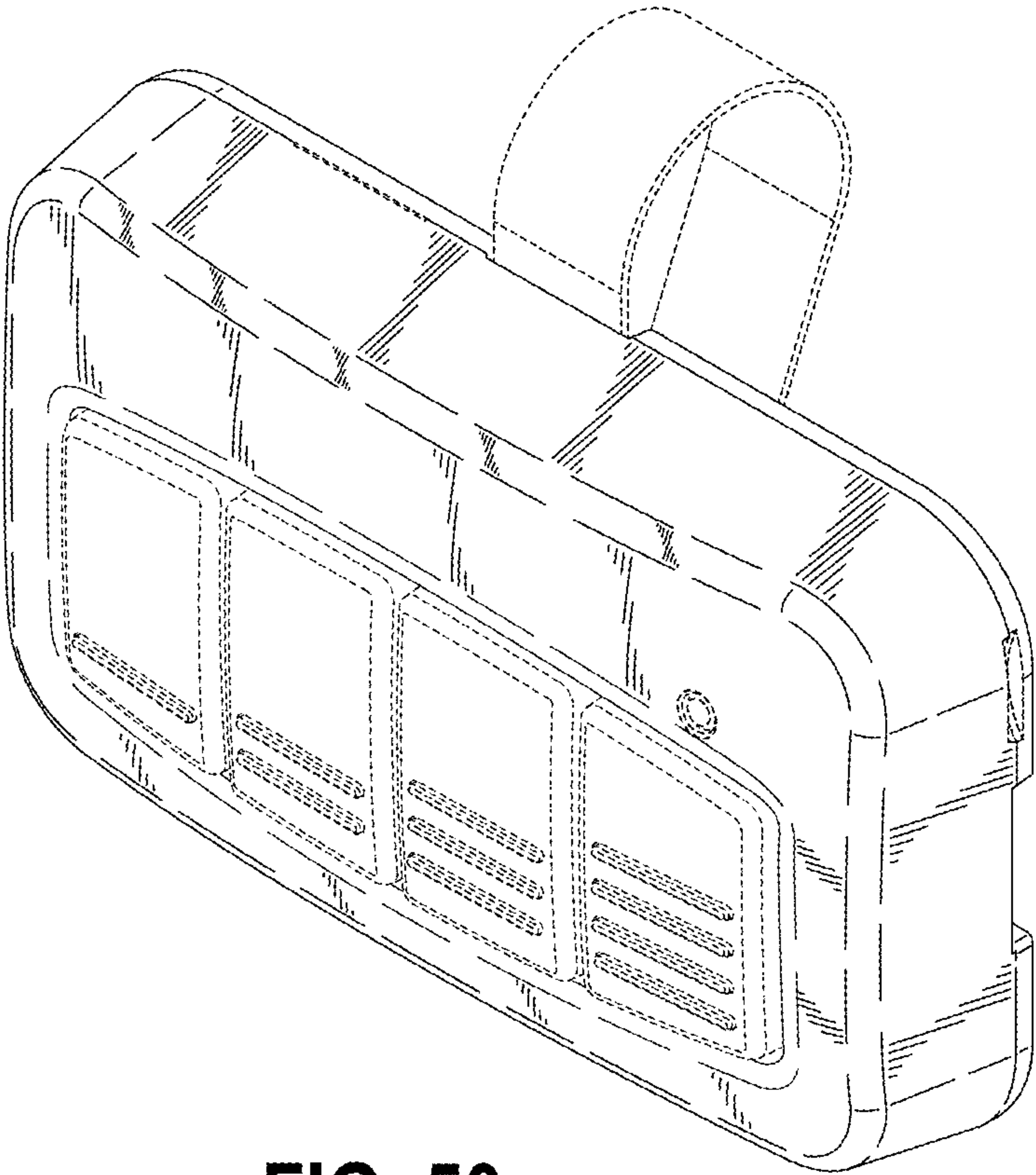


FIG. 50

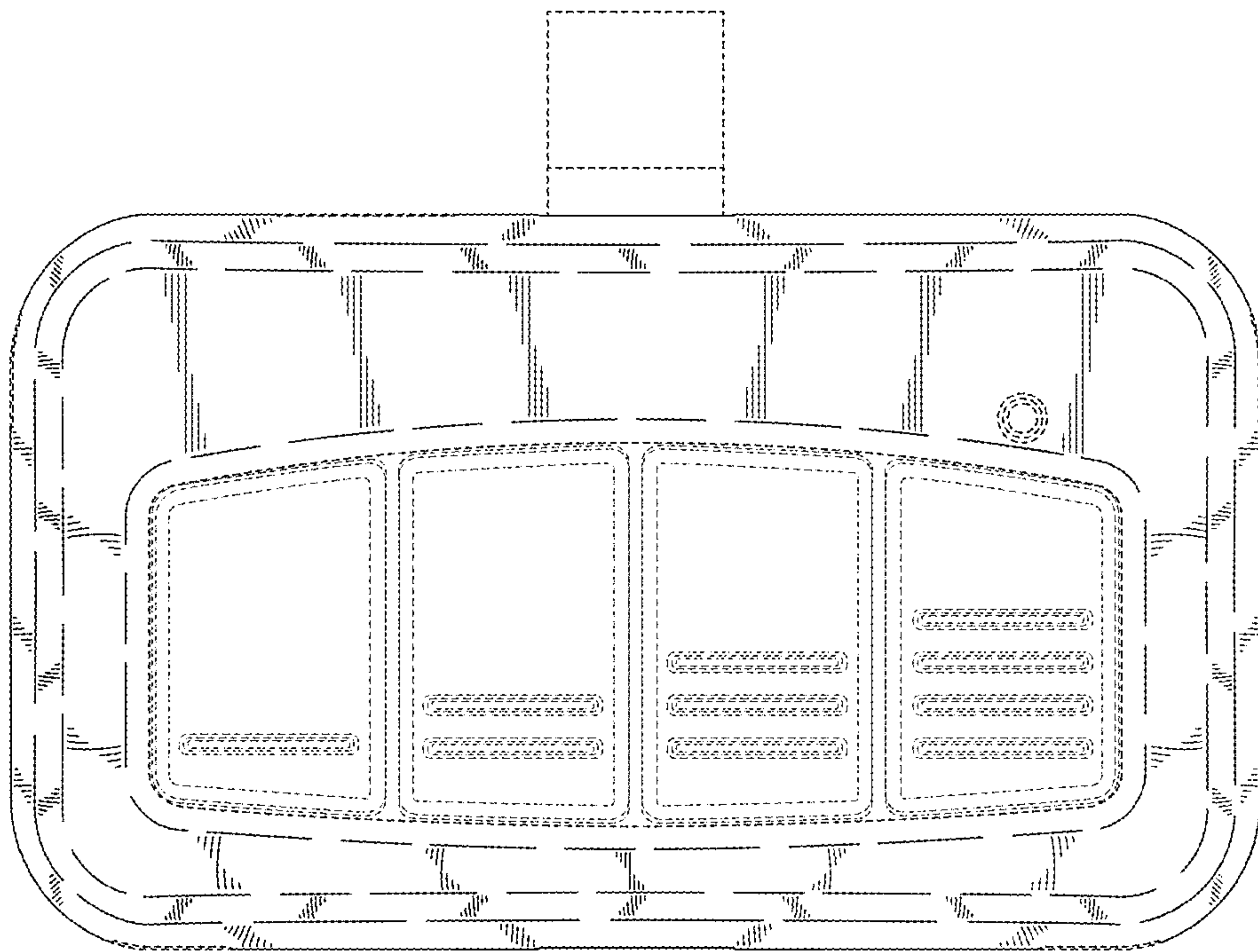


FIG. 51

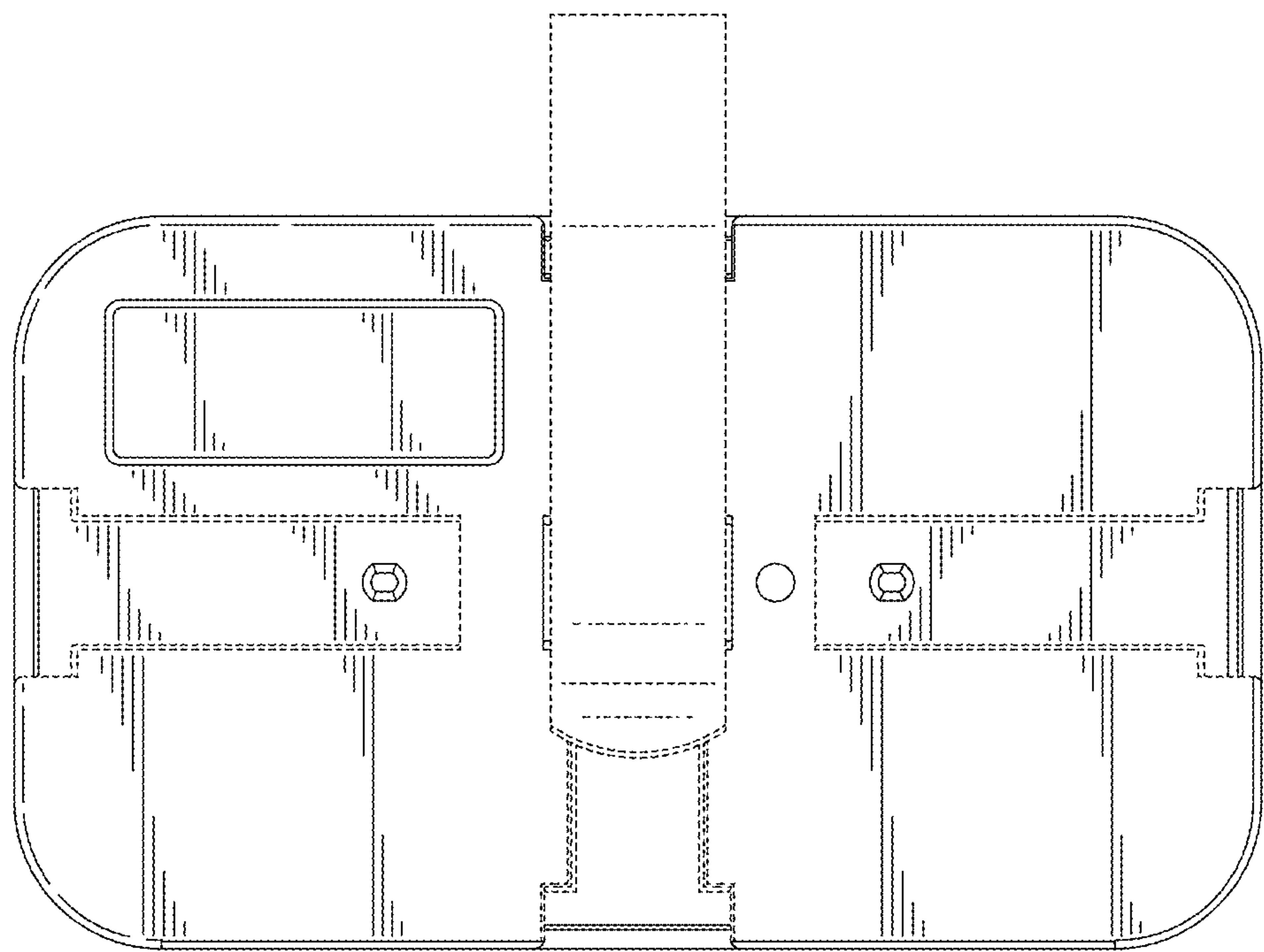


FIG. 52

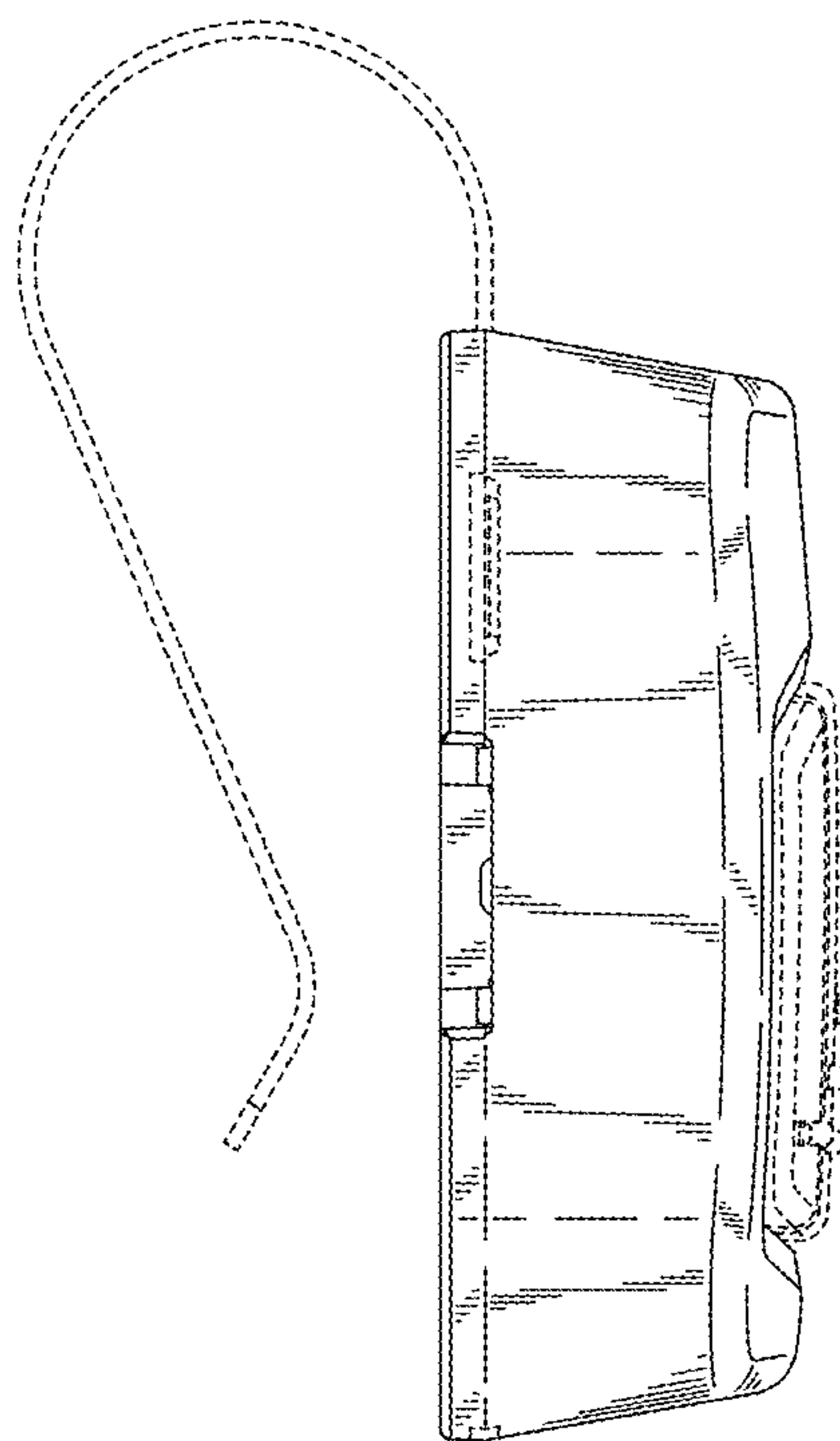


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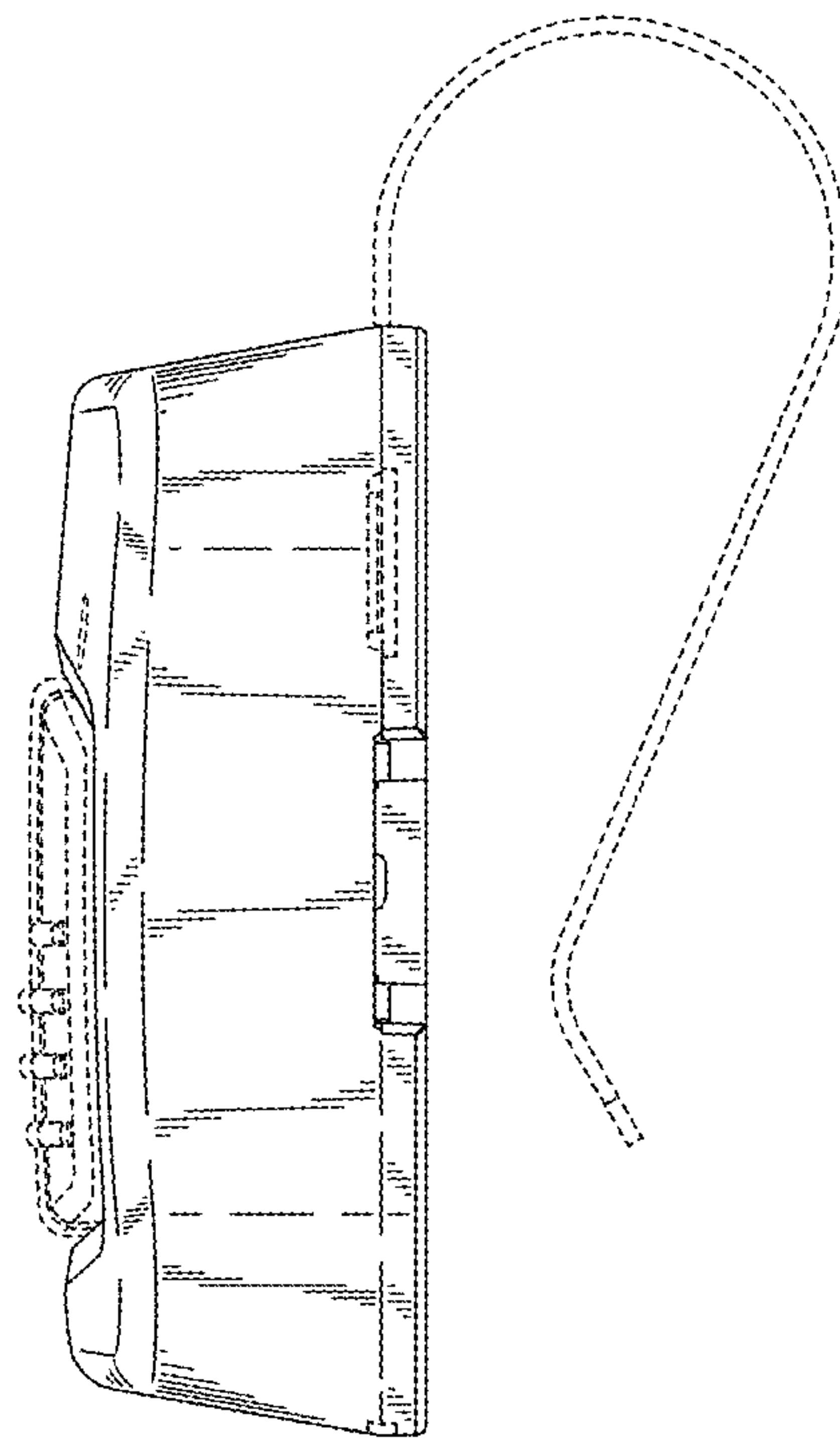


FIG. 54

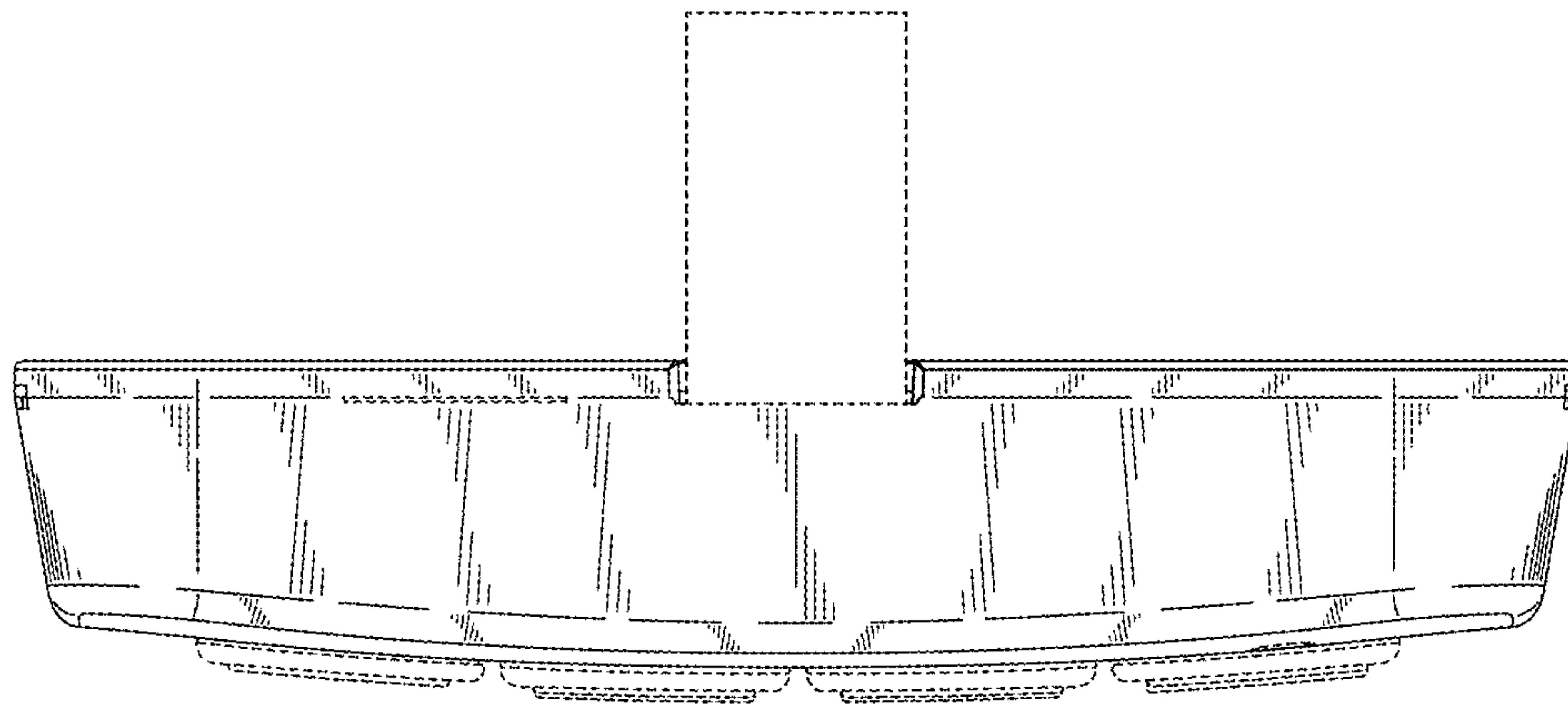


FIG. 55

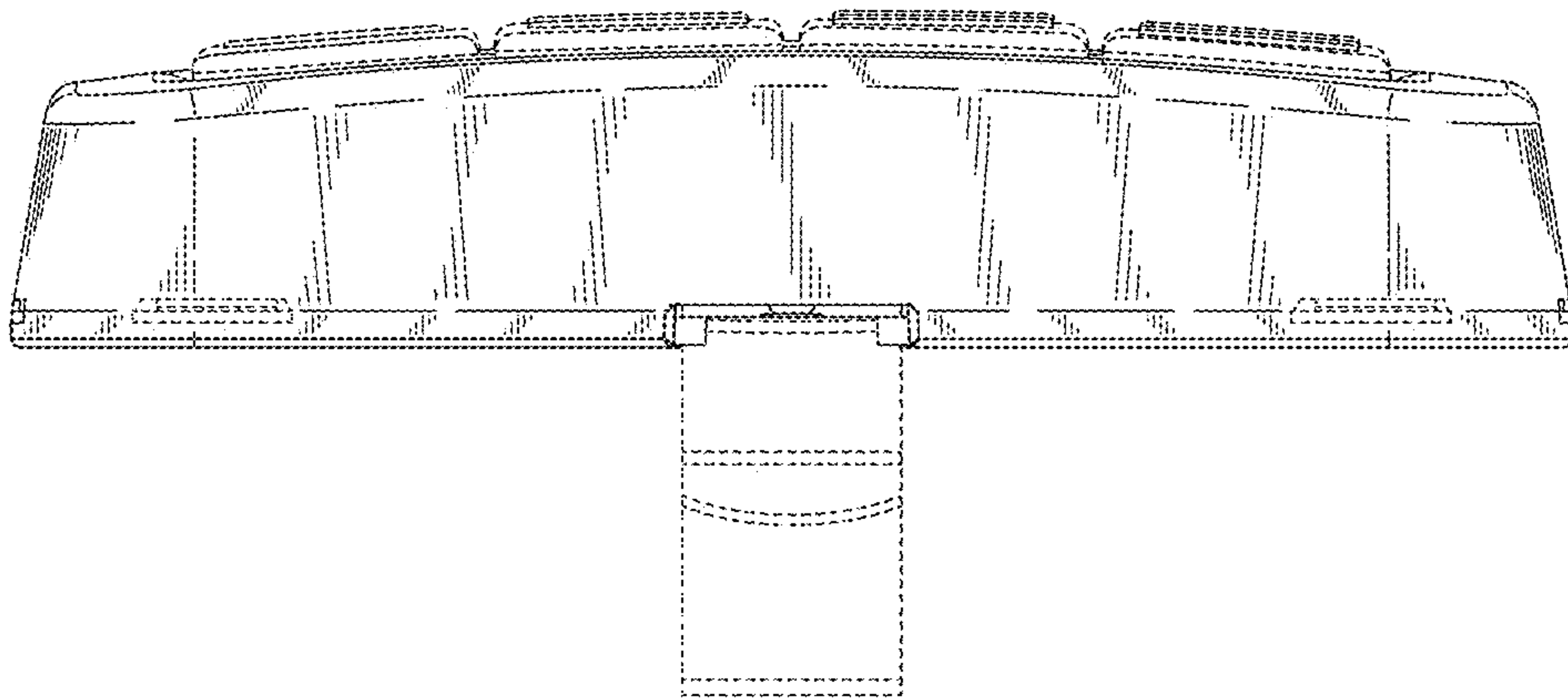


FIG. 56

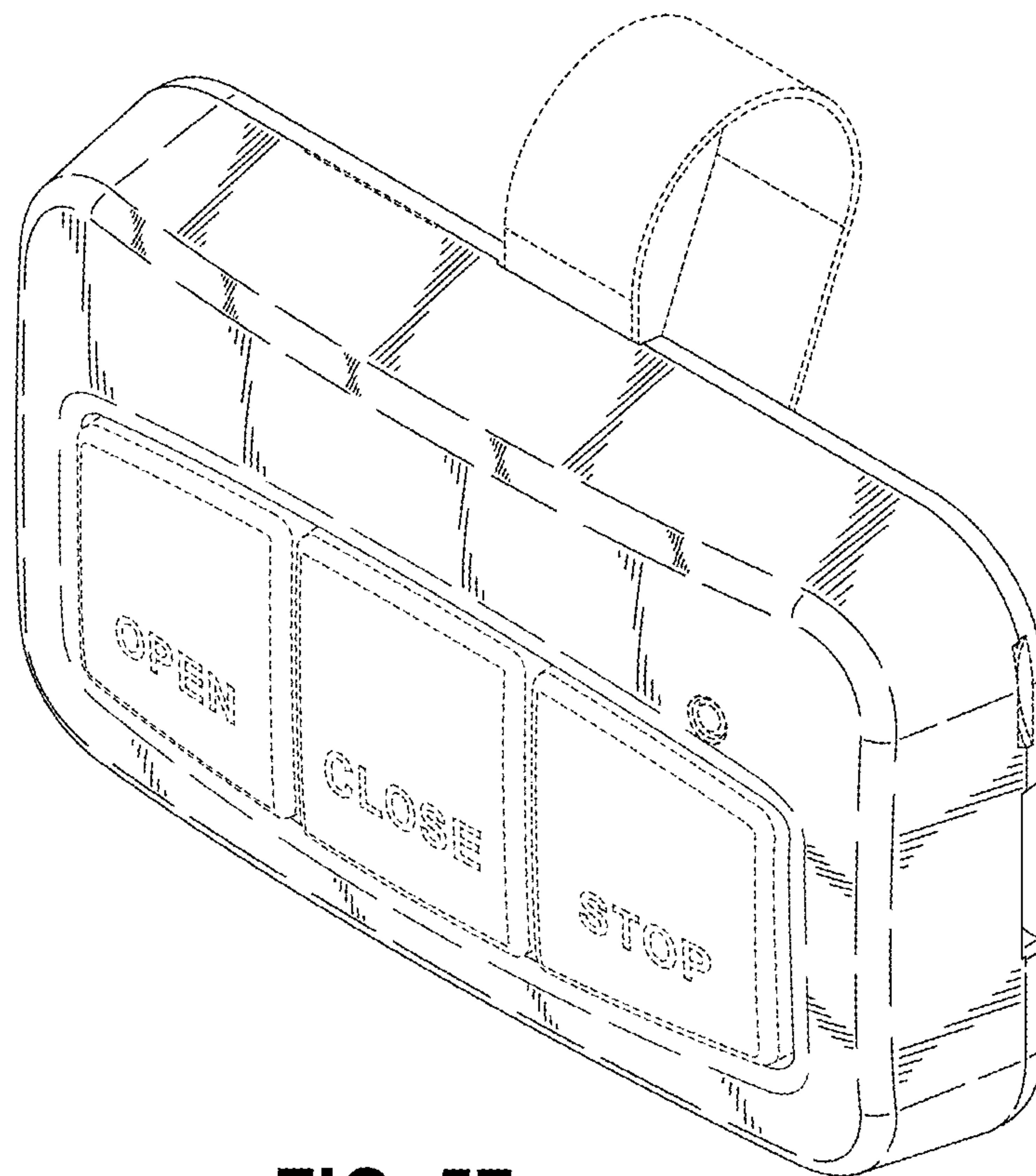


FIG. 57

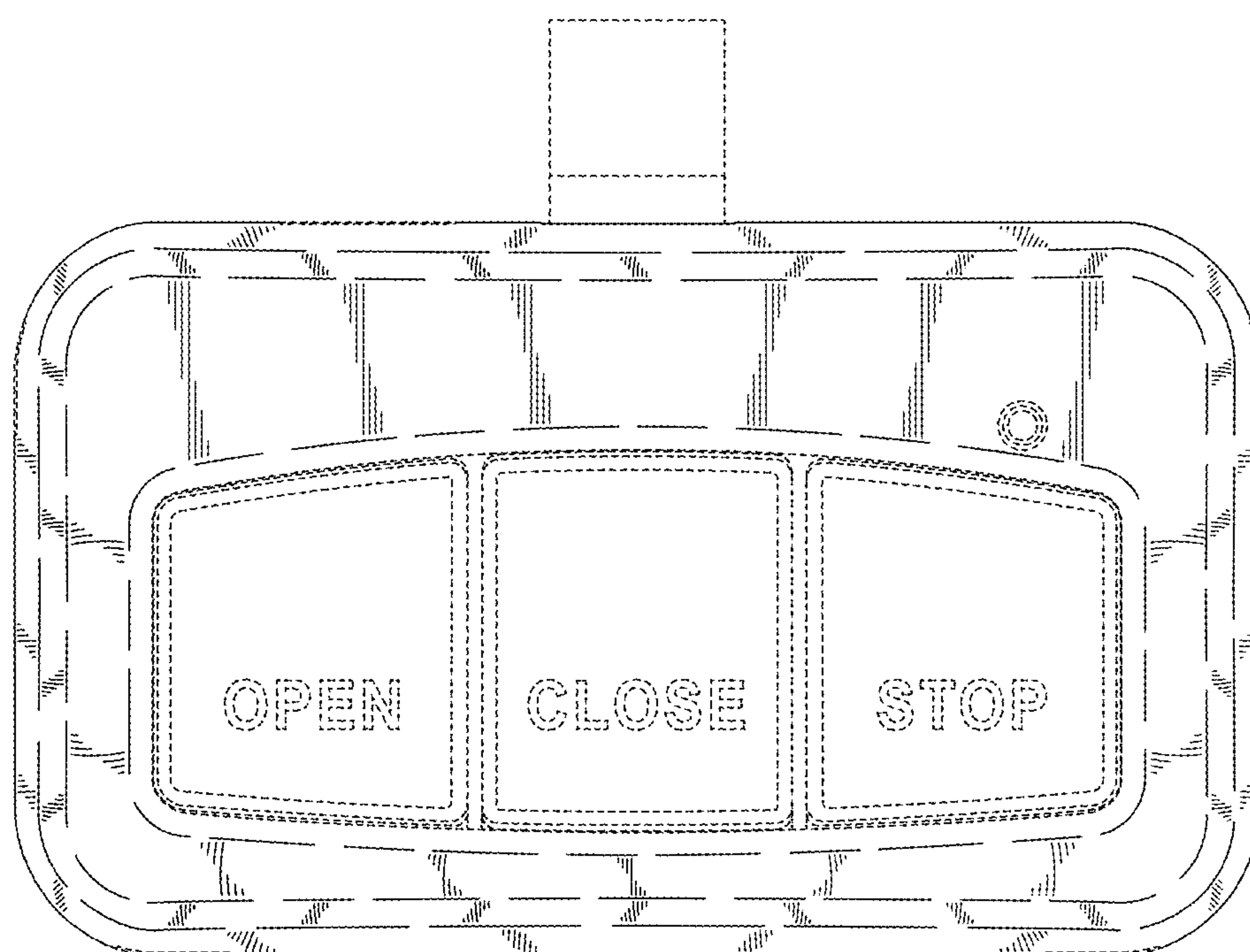


FIG. 58

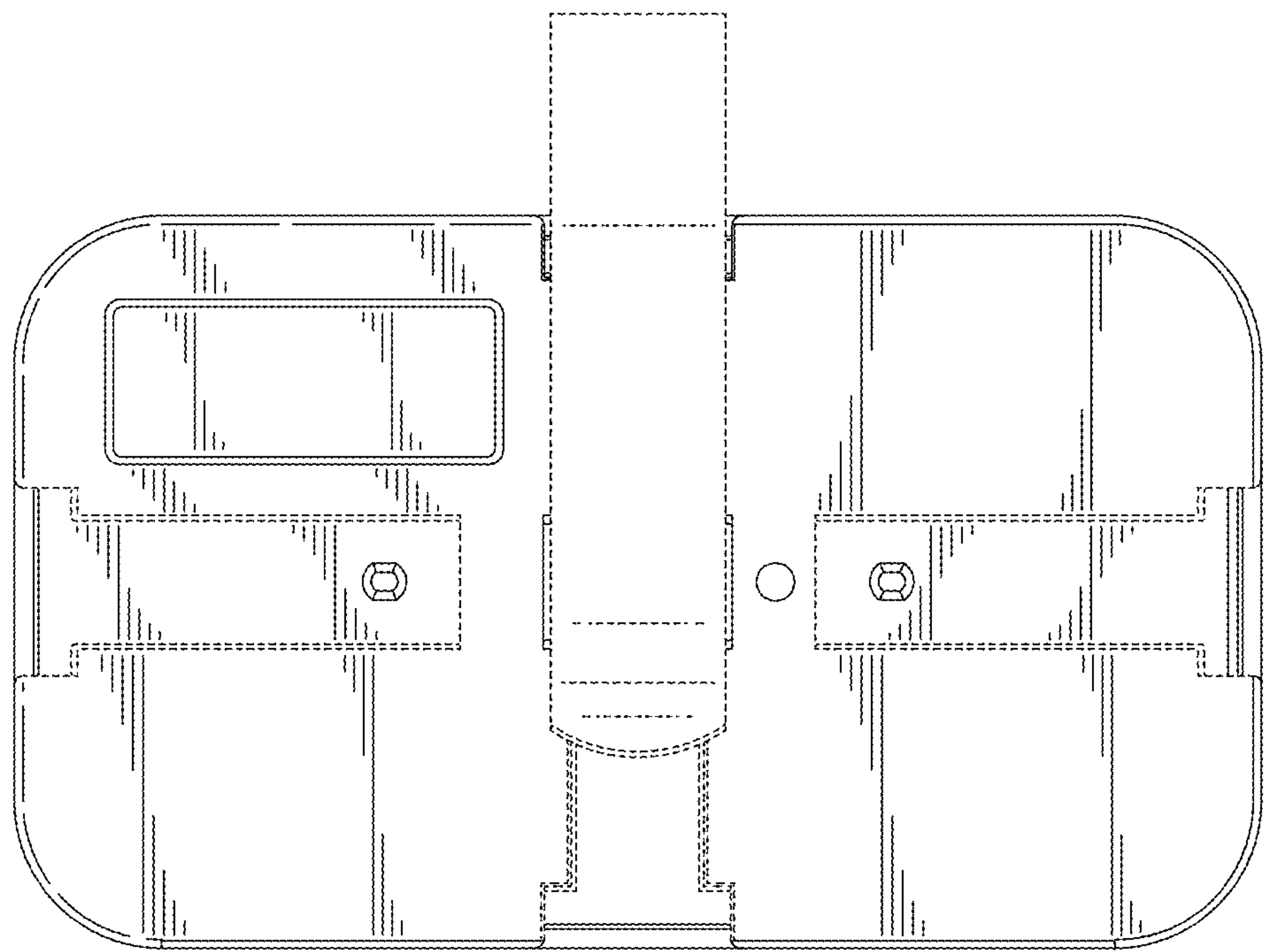


FIG. 59

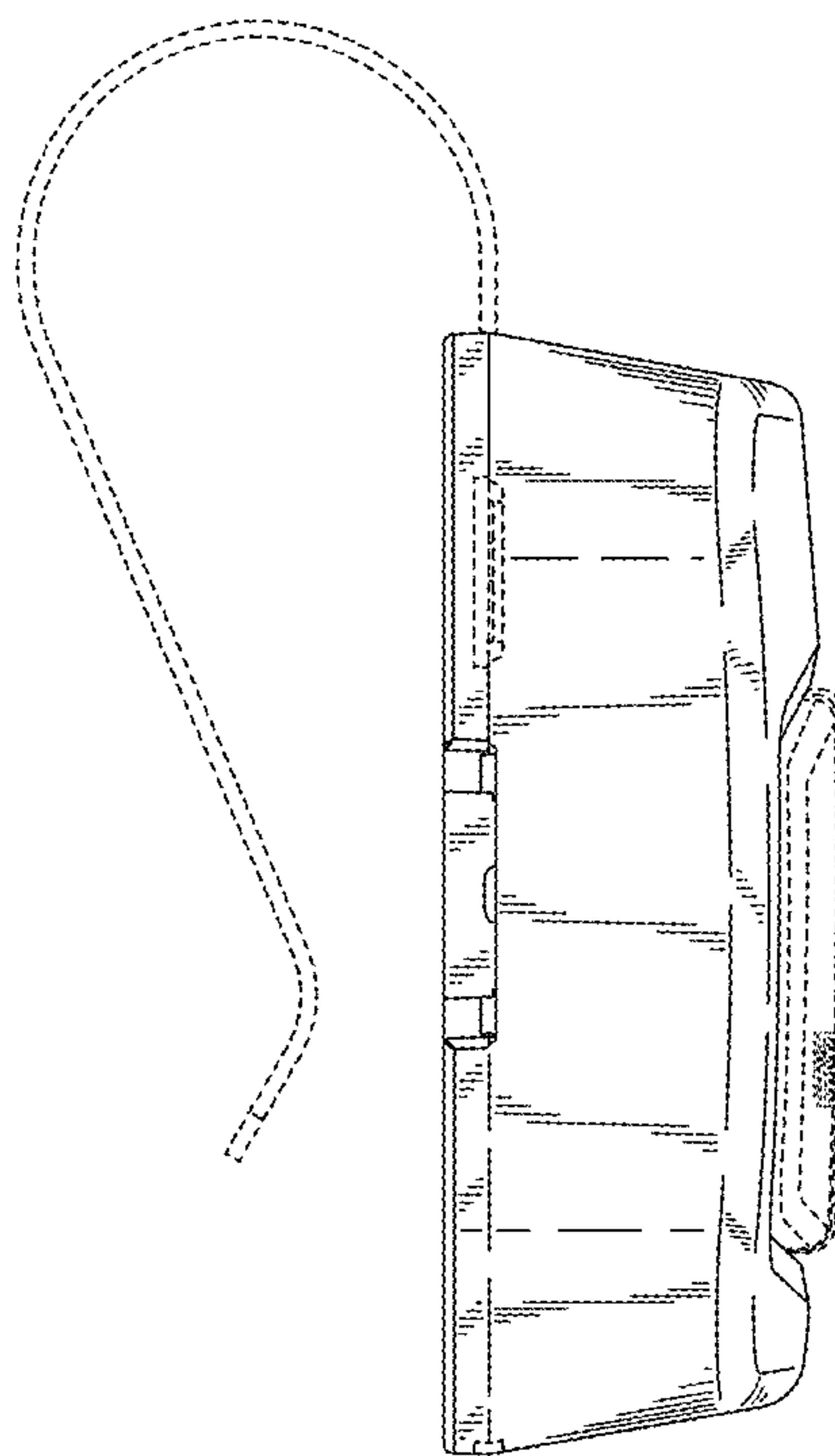


FIG. 60

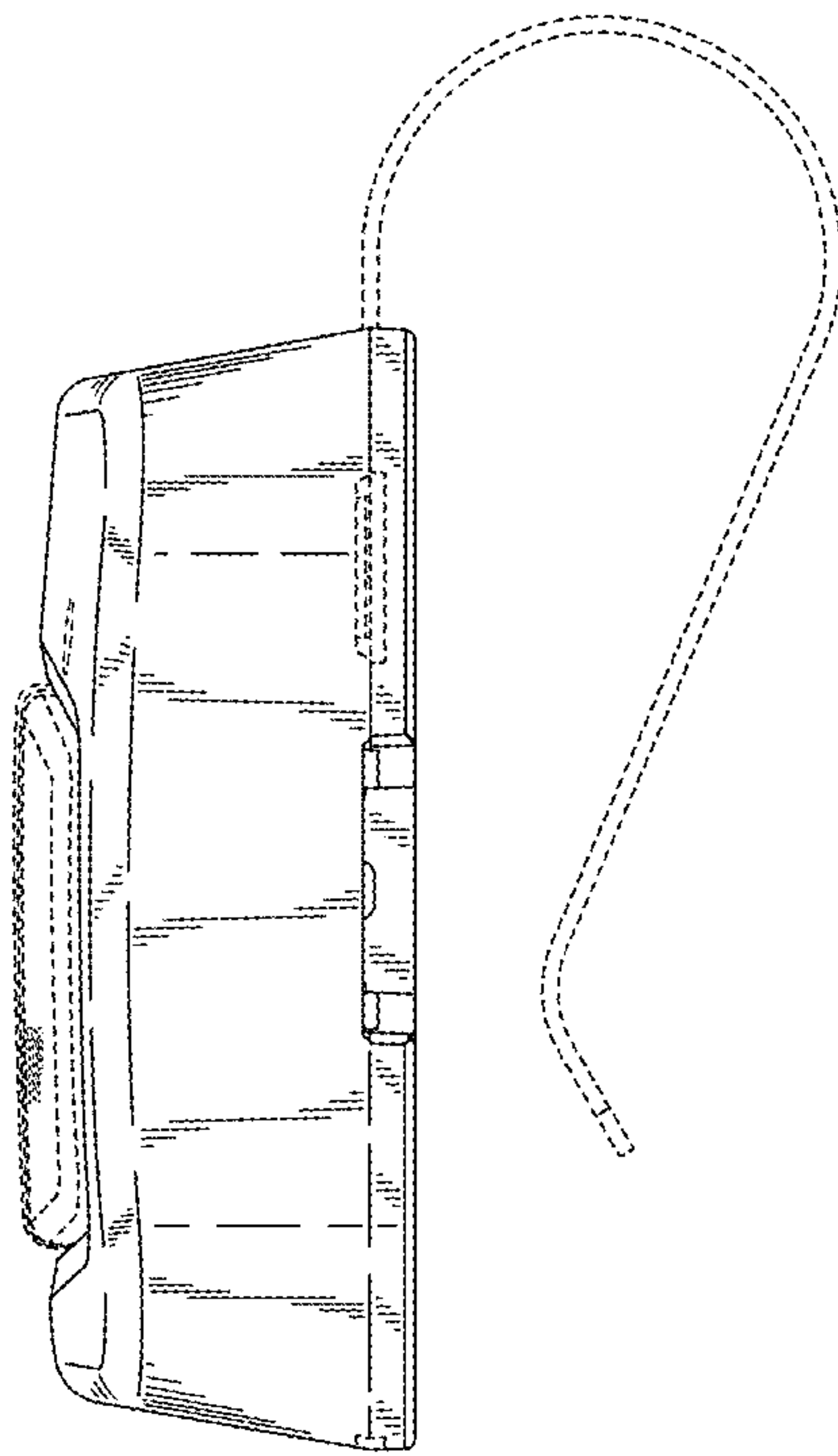


FIG. 61

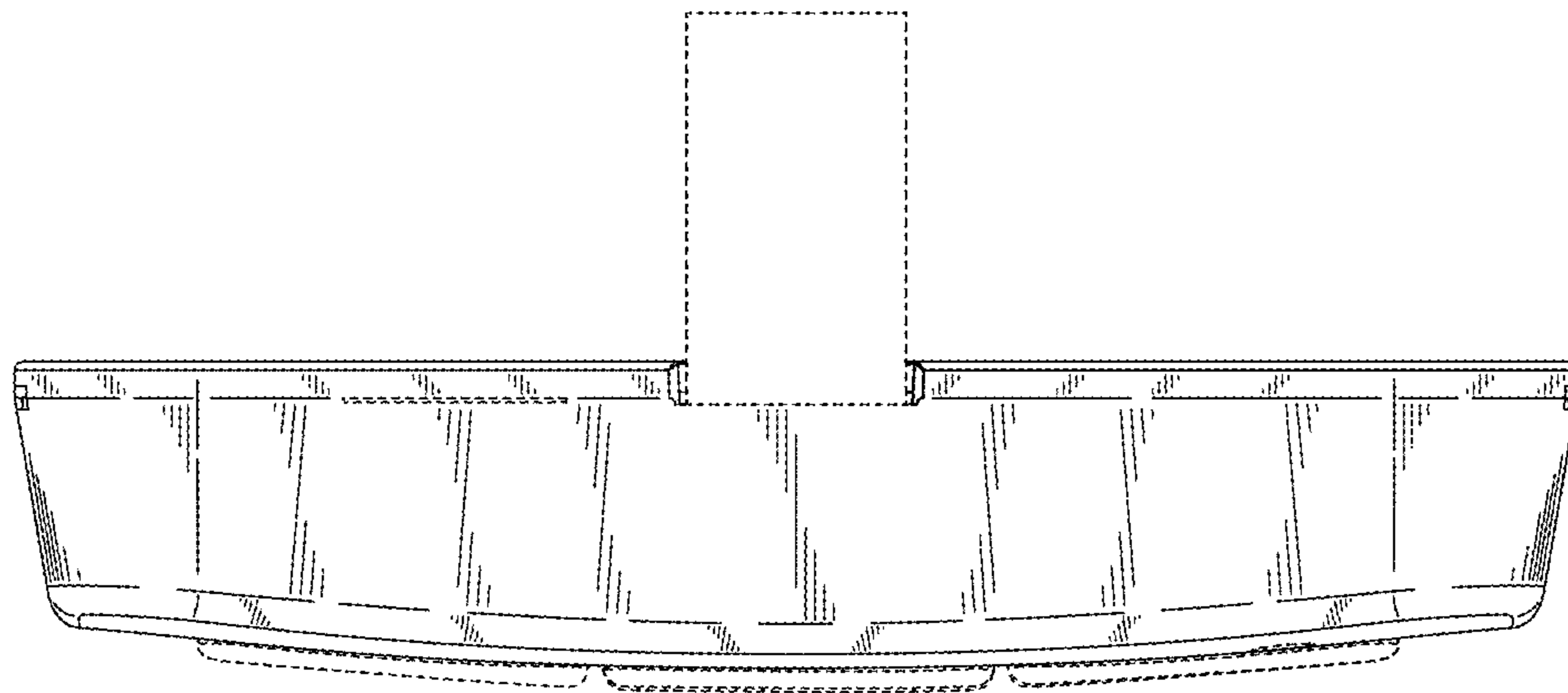


FIG. 62

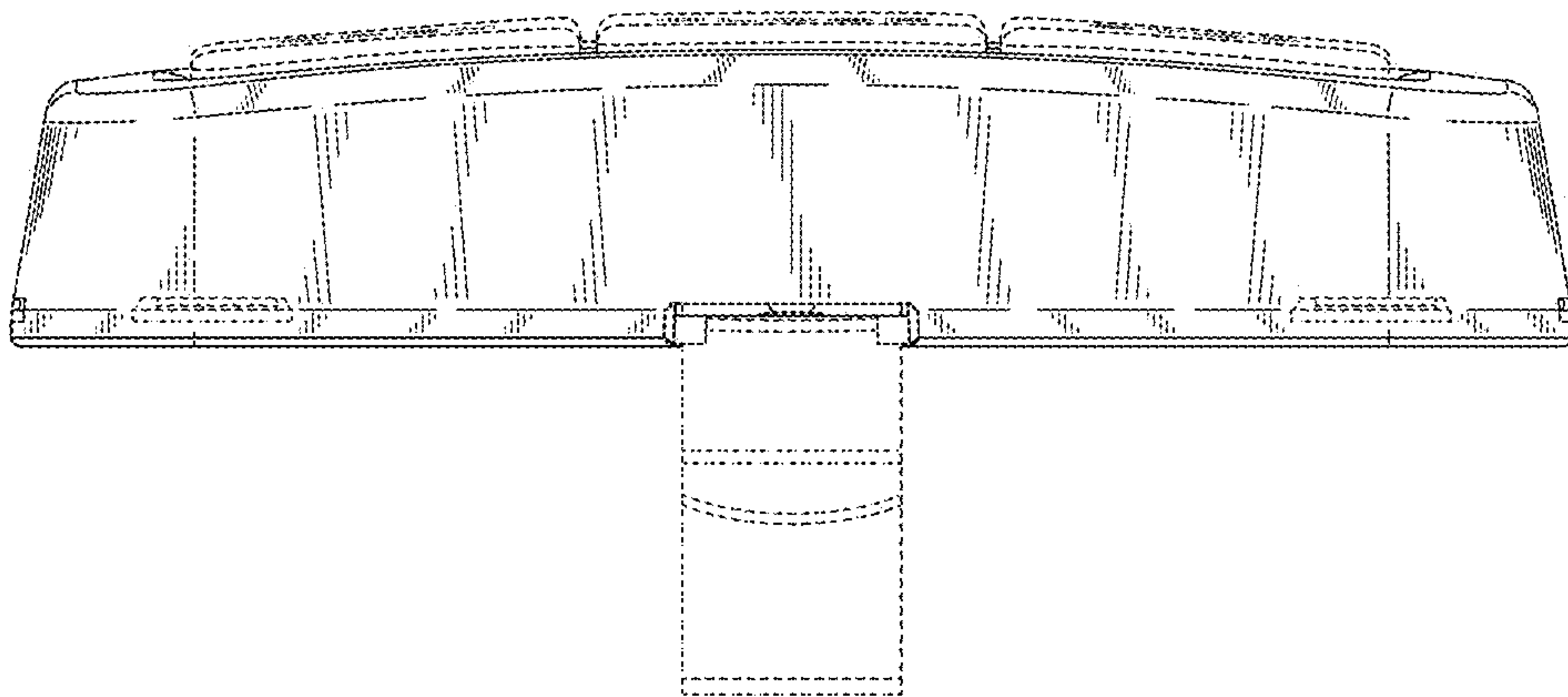


FIG. 63