



US00D952811S

(12) **United States Design Patent** (10) **Patent No.:** **US D952,811 S**
Rodriguez et al. (45) **Date of Patent:** **** May 24, 2022**

(54) **LIGHTWEIGHT PORTABLE HEATING DEVICE**

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(73) Assignee: **Mainstream Engineering Corporation, Rockledge, FL (US)**

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

(21) Appl. No.: **29/732,511**

(22) Filed: **Apr. 24, 2020**

(51) **LOC (13) Cl.** **23-03**

(52) **U.S. Cl.**
USPC **D23/332**

(58) **Field of Classification Search**
USPC D23/314, 330, 332, 334, 335, 336, 337,
D23/338, 339, 340, 341, 355, 356, 364,
D23/370, 381, 382

CPC F24H 3/002; F24H 9/2071; F24H 2250/00;
F24H 9/0052; F24H 9/0057; F24H 9/02;
F24H 9/1863; F24H 9/1854; F24H
9/1872; F24H 3/0411; F24H 3/0417
See application file for complete search history.

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(57) **CLAIM**

The ornamental design of a lightweight portable heating device, showing our new design, as shown and described.

DESCRIPTION

FIG. 1 is a top, front, and right side perspective view of a lightweight portable heating device showing our new design;

FIG. 2 is a front view thereof;

FIG. 3 is a back view thereof;

FIG. 4 is a left view thereof;

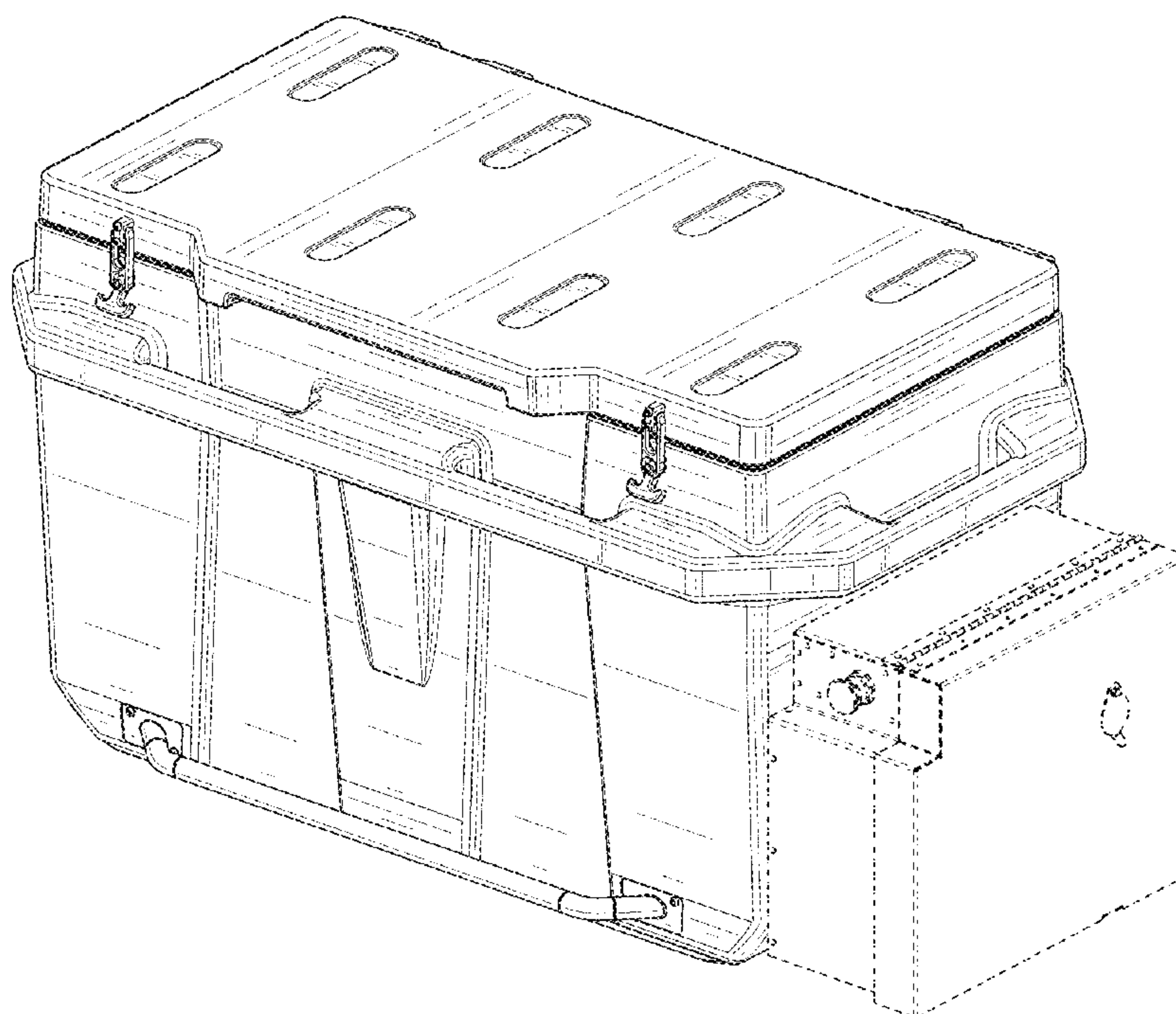
FIG. 5 is a right side view thereof;

FIG. 6 is a top view thereof; and,

FIG. 7 is a bottom view thereof.

The broken line shown in the drawings are for the purpose of illustrating portions of the lightweight portable heating device and form no part of the claimed design.

1 Claim, 7 Drawing Sheets



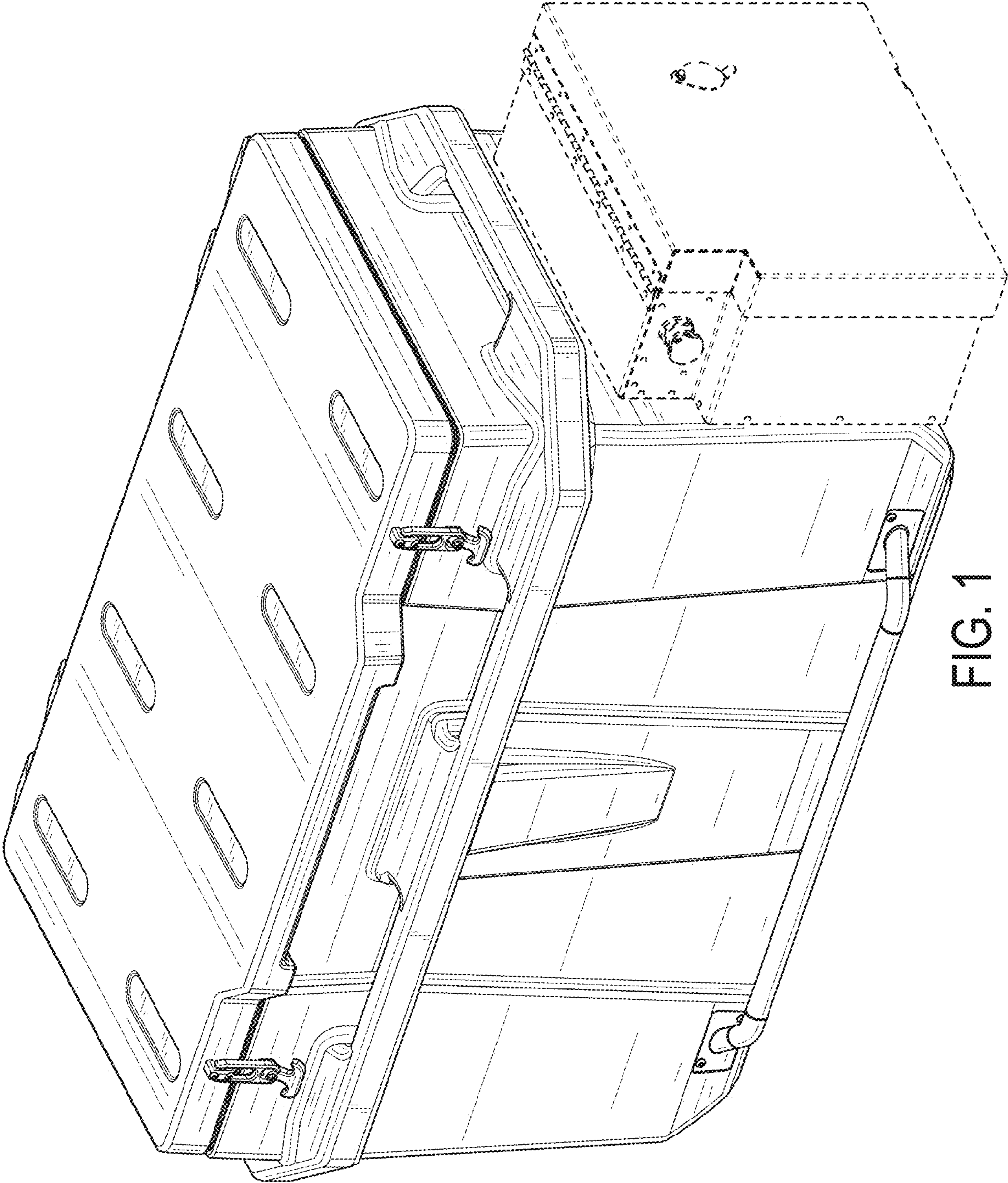


FIG. 1

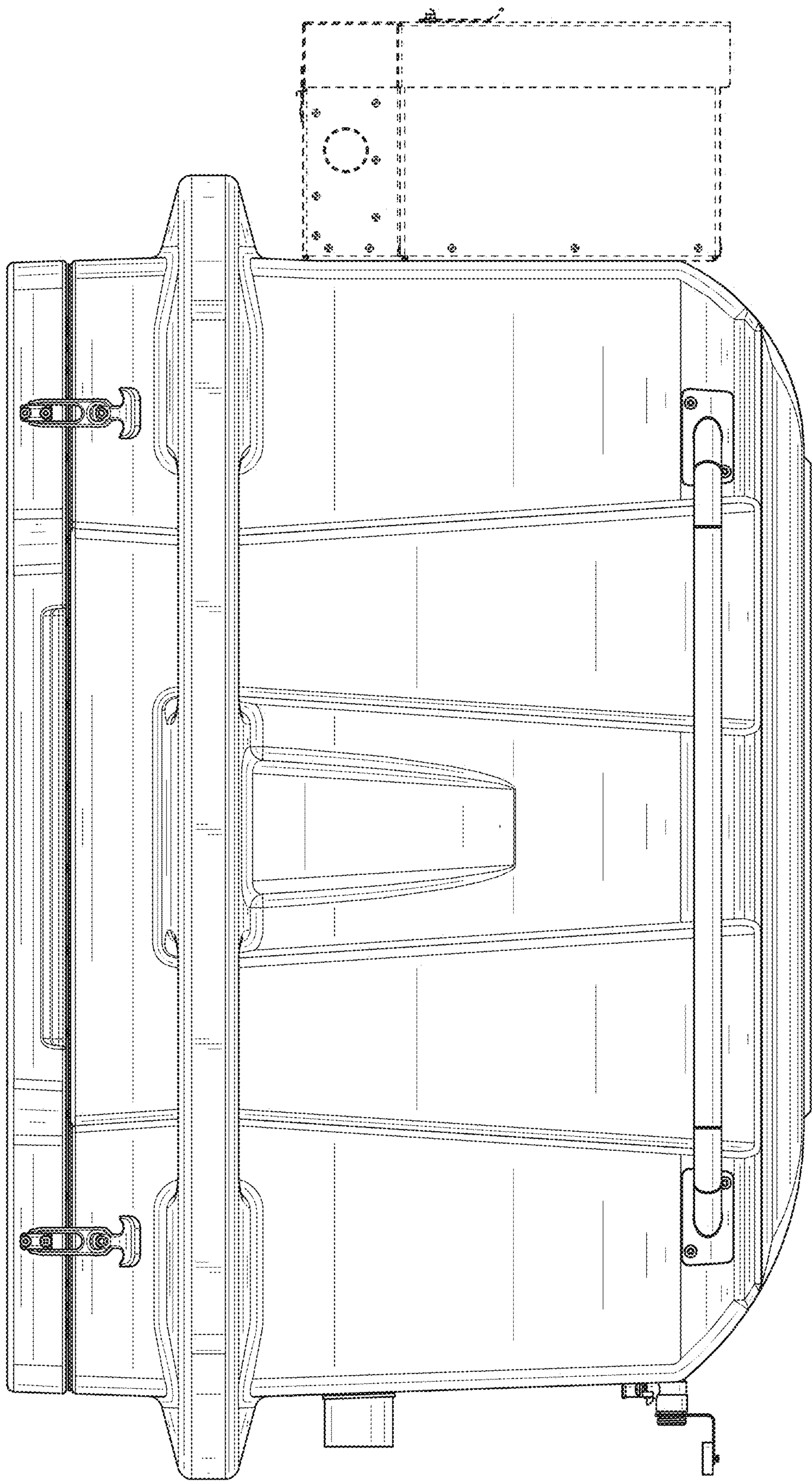


FIG. 2

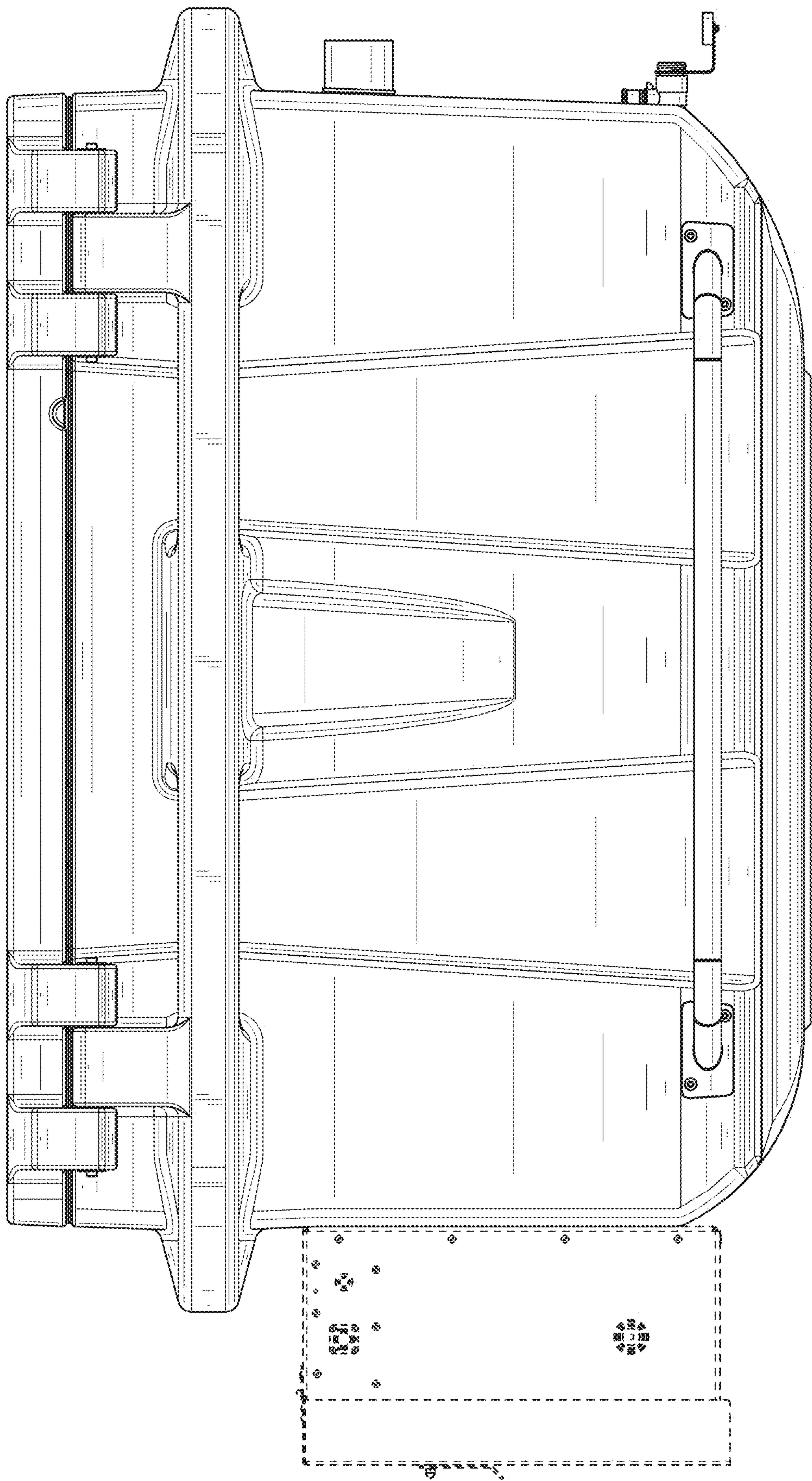


FIG. 3

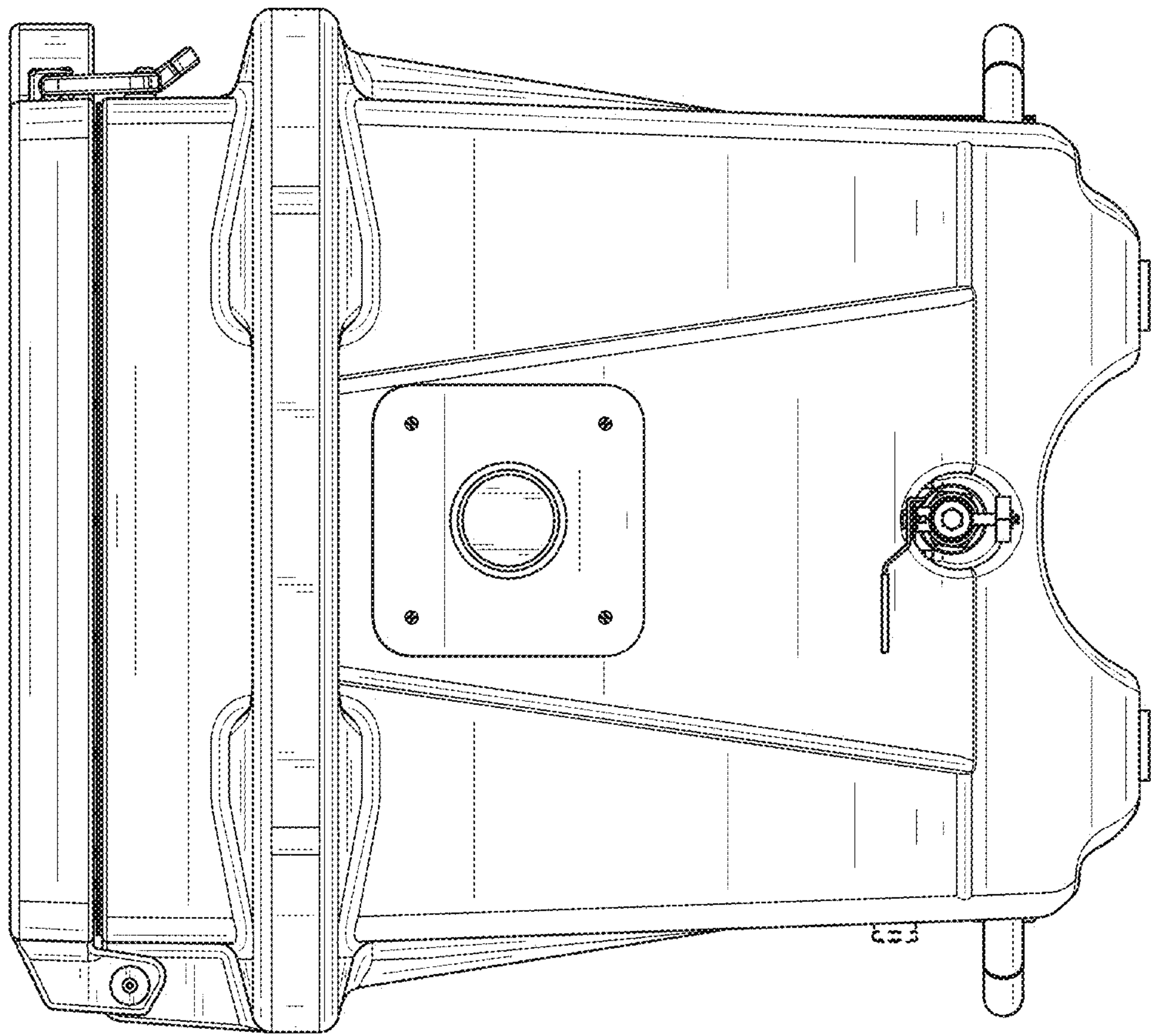


FIG. 4

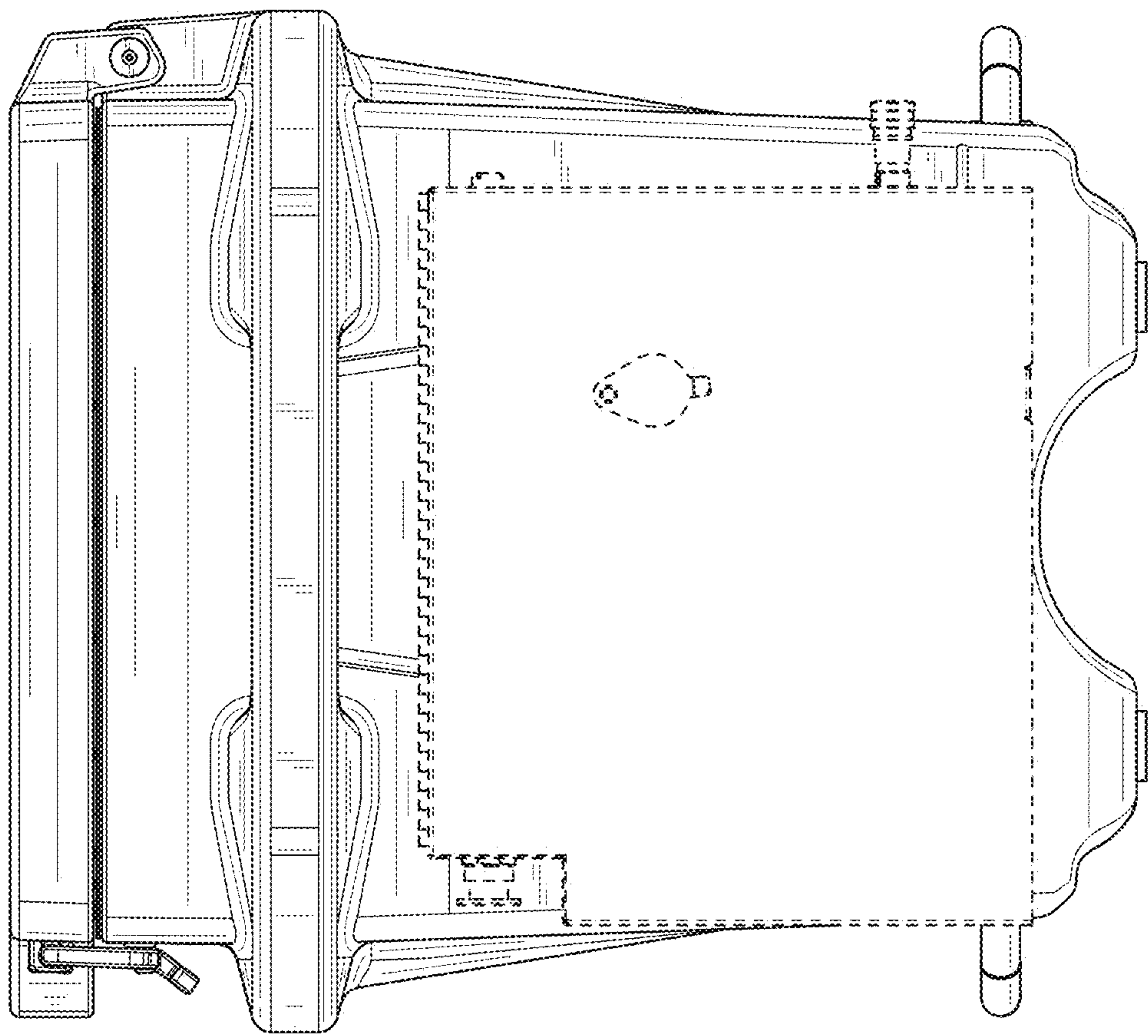


FIG. 5

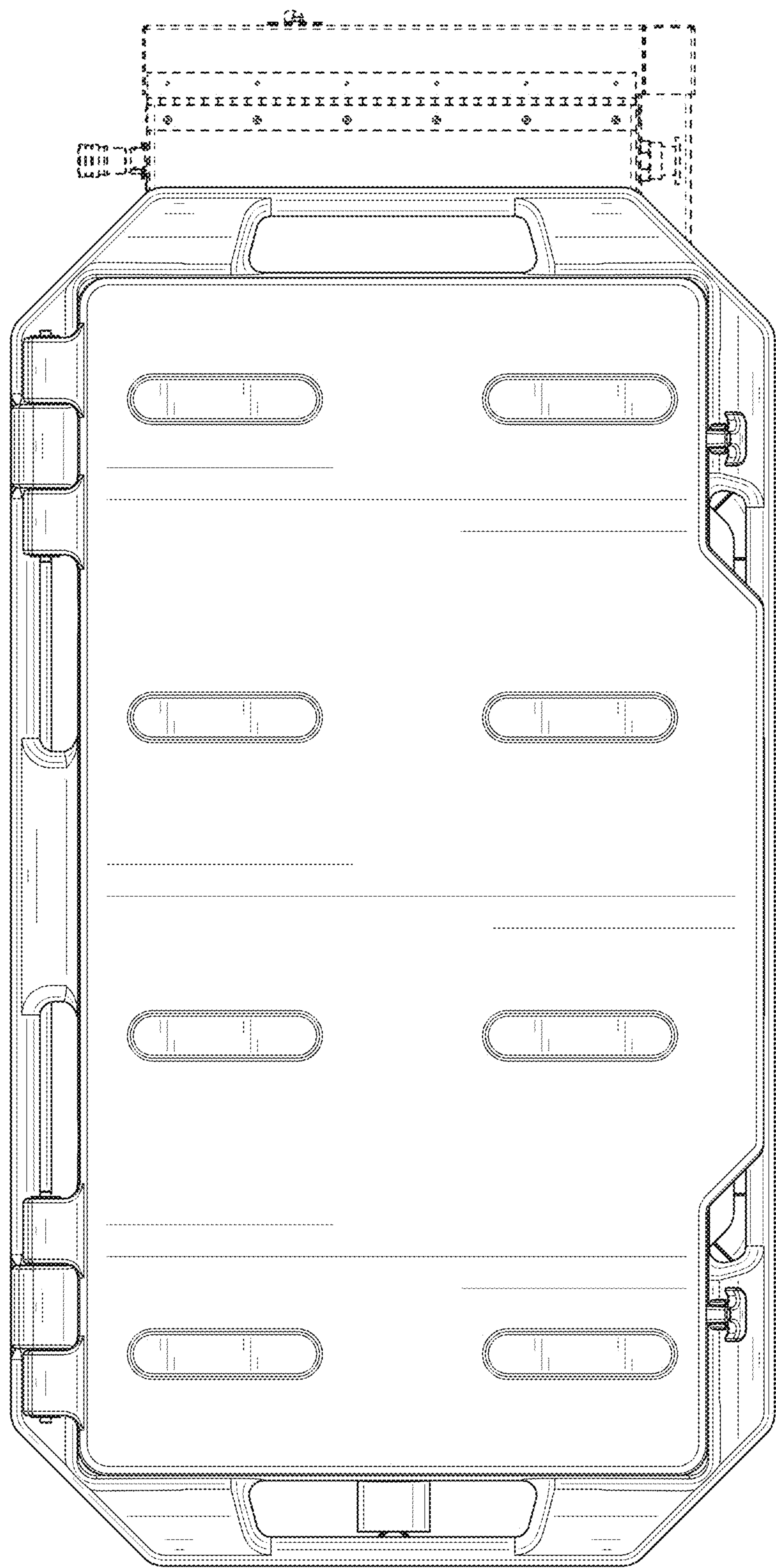


FIG. 6

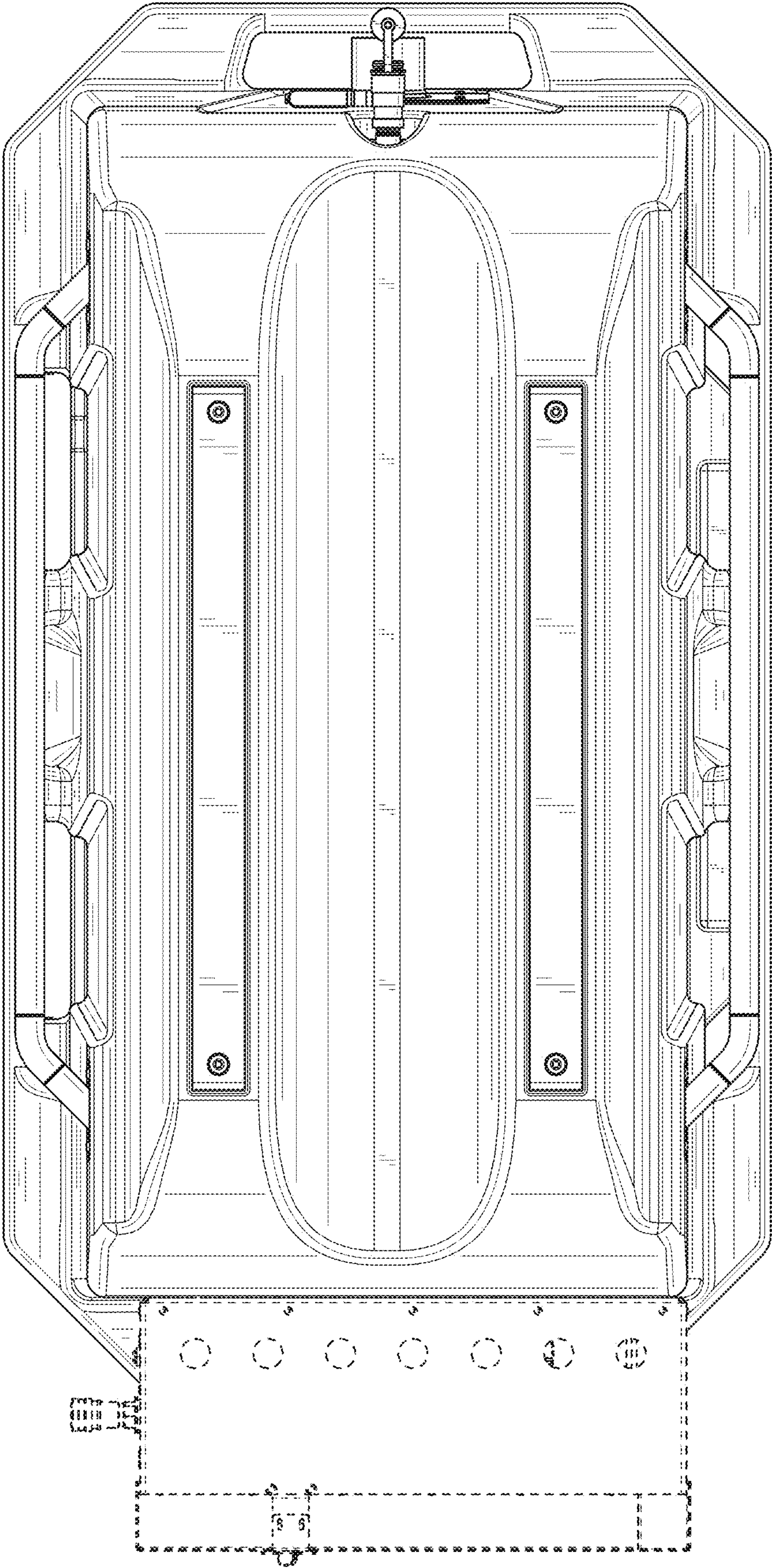


FIG. 7