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

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(45) **Date of Patent:** **** Jan. 3, 2023**

(54) **COMBINATION AIR COMPRESSOR AND
IGNITER FOR AUTOMOBILES**

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (14) Cl.** **15-02**

(52) **U.S. Cl.**
USPC **D15/9; D13/107**

(58) **Field of Classification Search**
USPC D14/163, 165, 172, 203.3, 203.6, 209.1,
D14/214, 221, 497, 499, 509, 510;
D24/168, 186, 213; D15/7-9; D23/225,
D23/231, 232, 366, 356; D12/114
CPC F04B 53/14; F04B 53/92; F04B 33/00;
F04B 33/005; F04B 1/005; F04B 39/102;
F04D 13/06; F04D 29/22; F04D 29/046;
F04D 29/2266; F16K 11/048; F16K
15/20; F16K 31/602; F16L 37/18; F16L
37/20

See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a combination air compressor and igniter for automobiles, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of the first embodiment of a combination air compressor and igniter for automobiles, showing my design.

FIG. 2 is a rear perspective view thereof.

FIG. 3 is a front elevation view thereof.

FIG. 4 is a rear elevation view thereof.

FIG. 5 is a left side elevation view thereof.

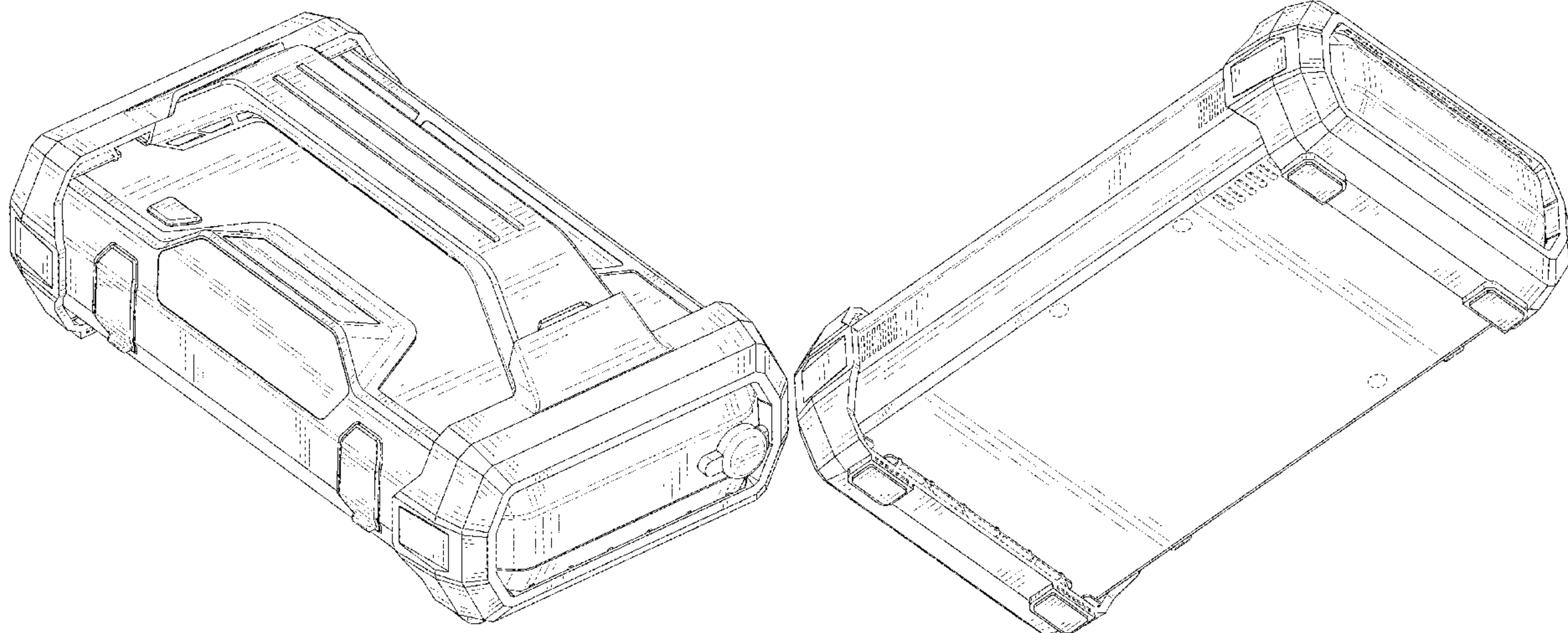
FIG. 6 is a right side elevation view thereof.

FIG. 7 is a top plan view thereof; and,

FIG. 8 is a bottom plan view thereof.

The broken lines in the drawings depict portions of the combination air compressor and igniter for automobiles that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



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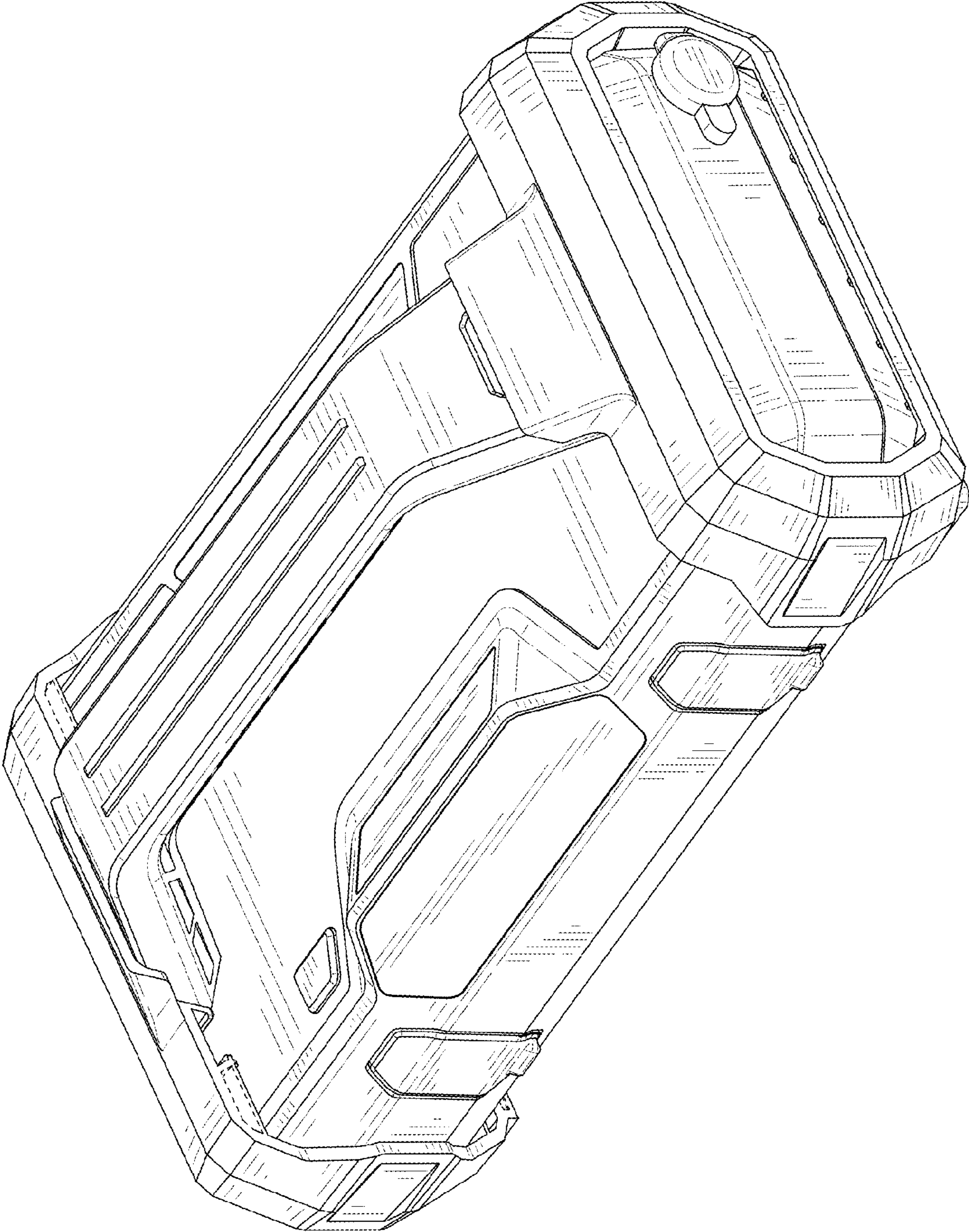


FIG. 1

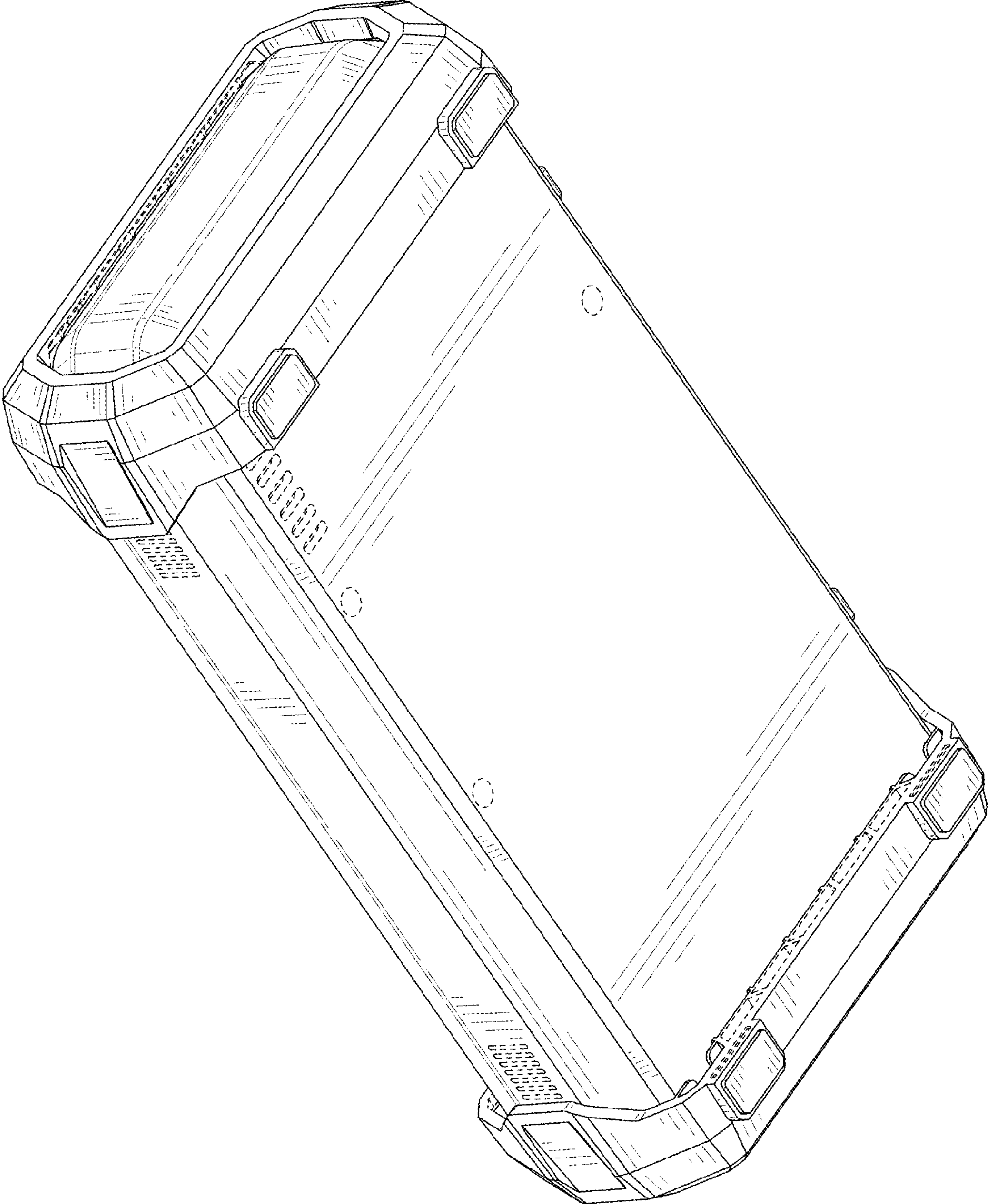


FIG. 2

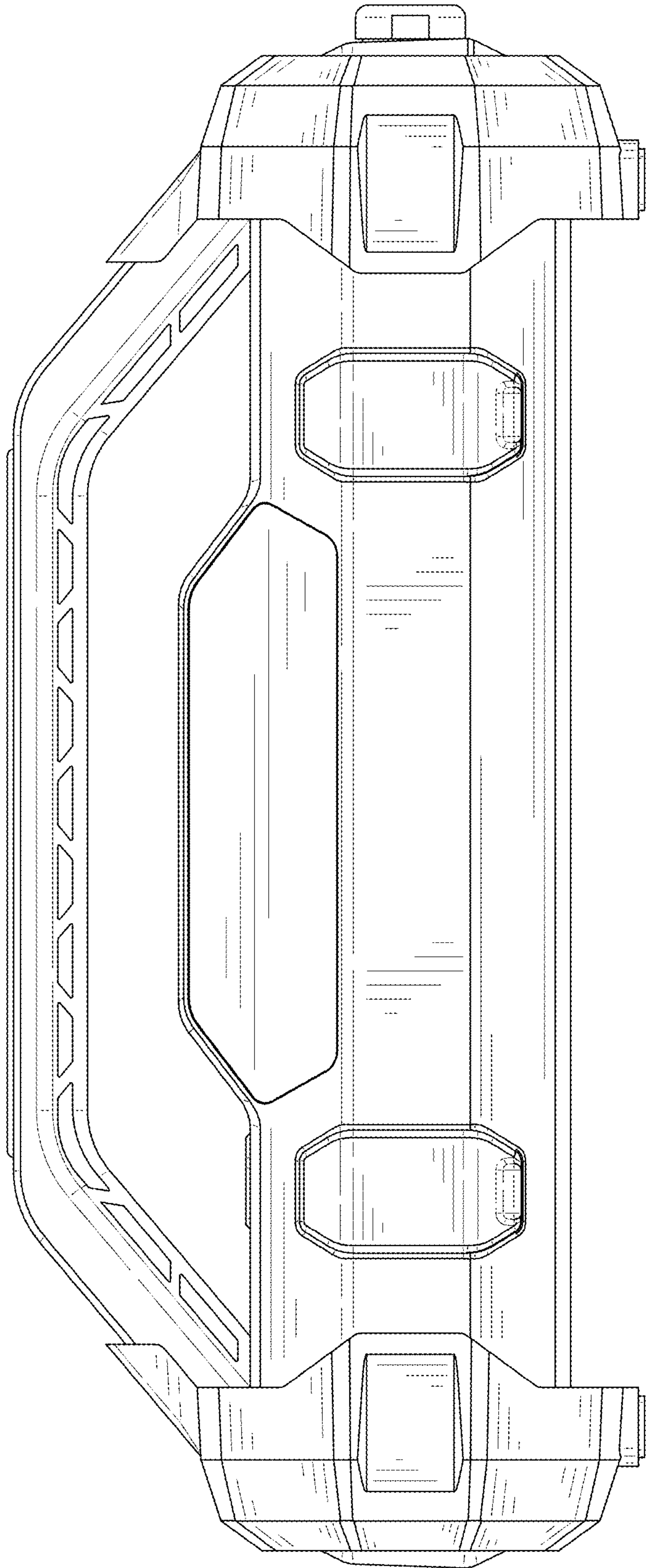


FIG. 3

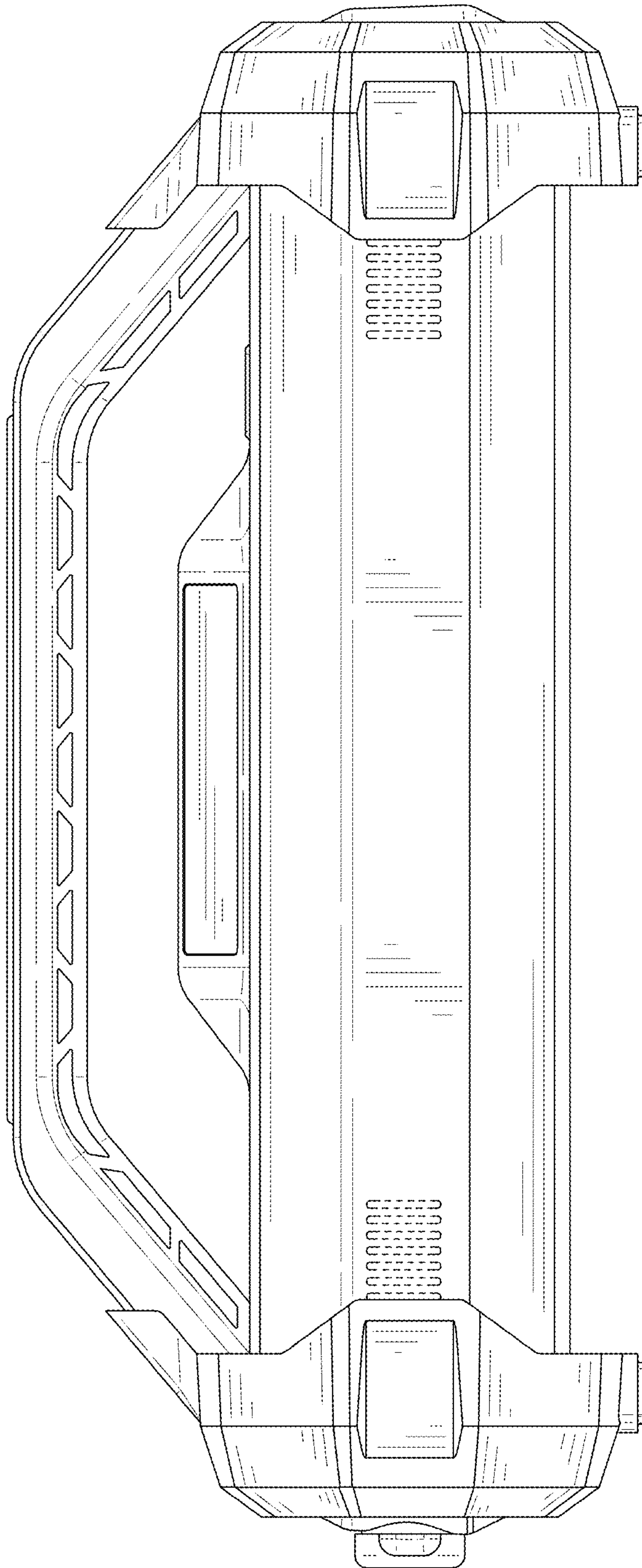


FIG. 4

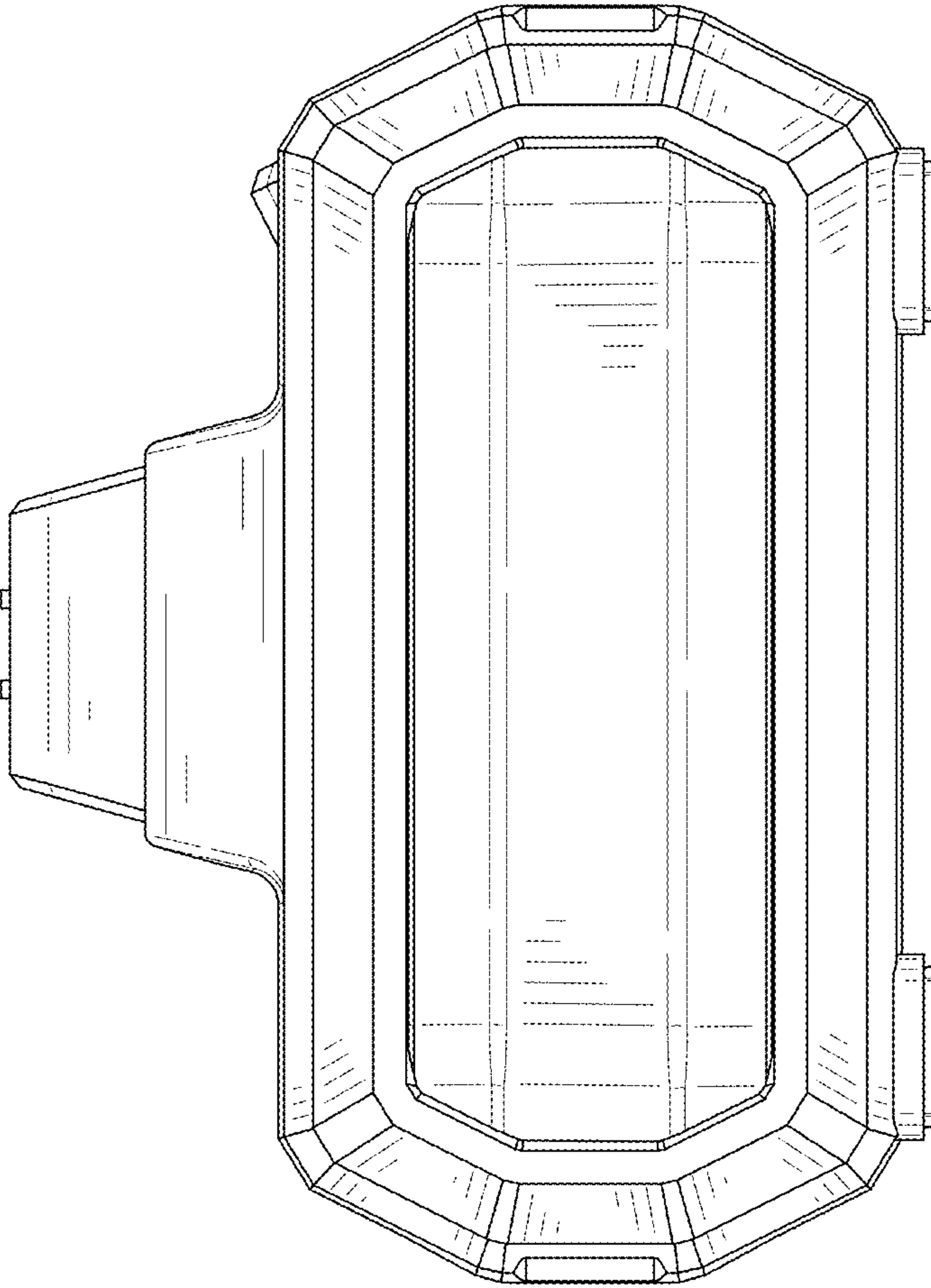


FIG. 5

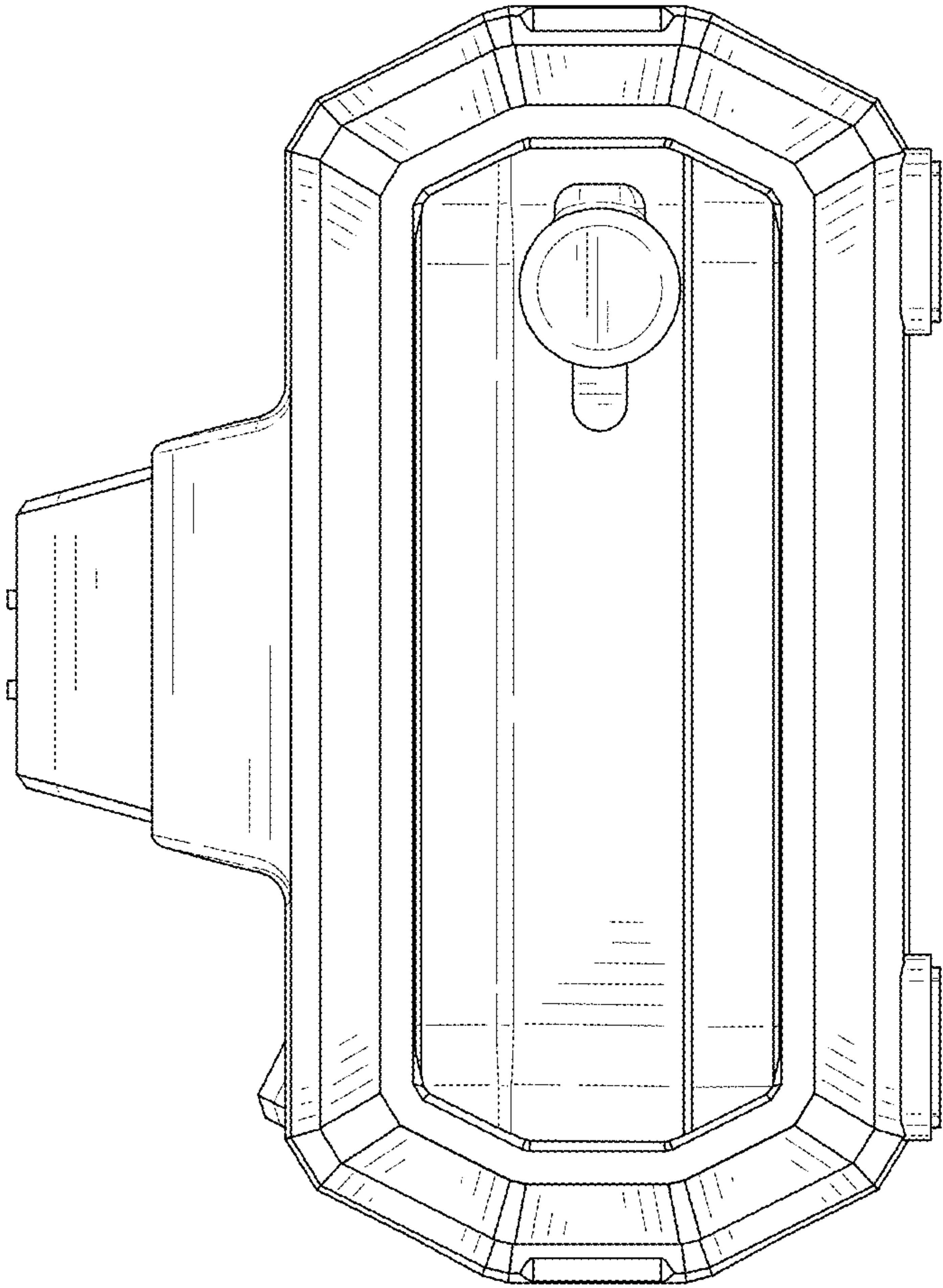


FIG. 6

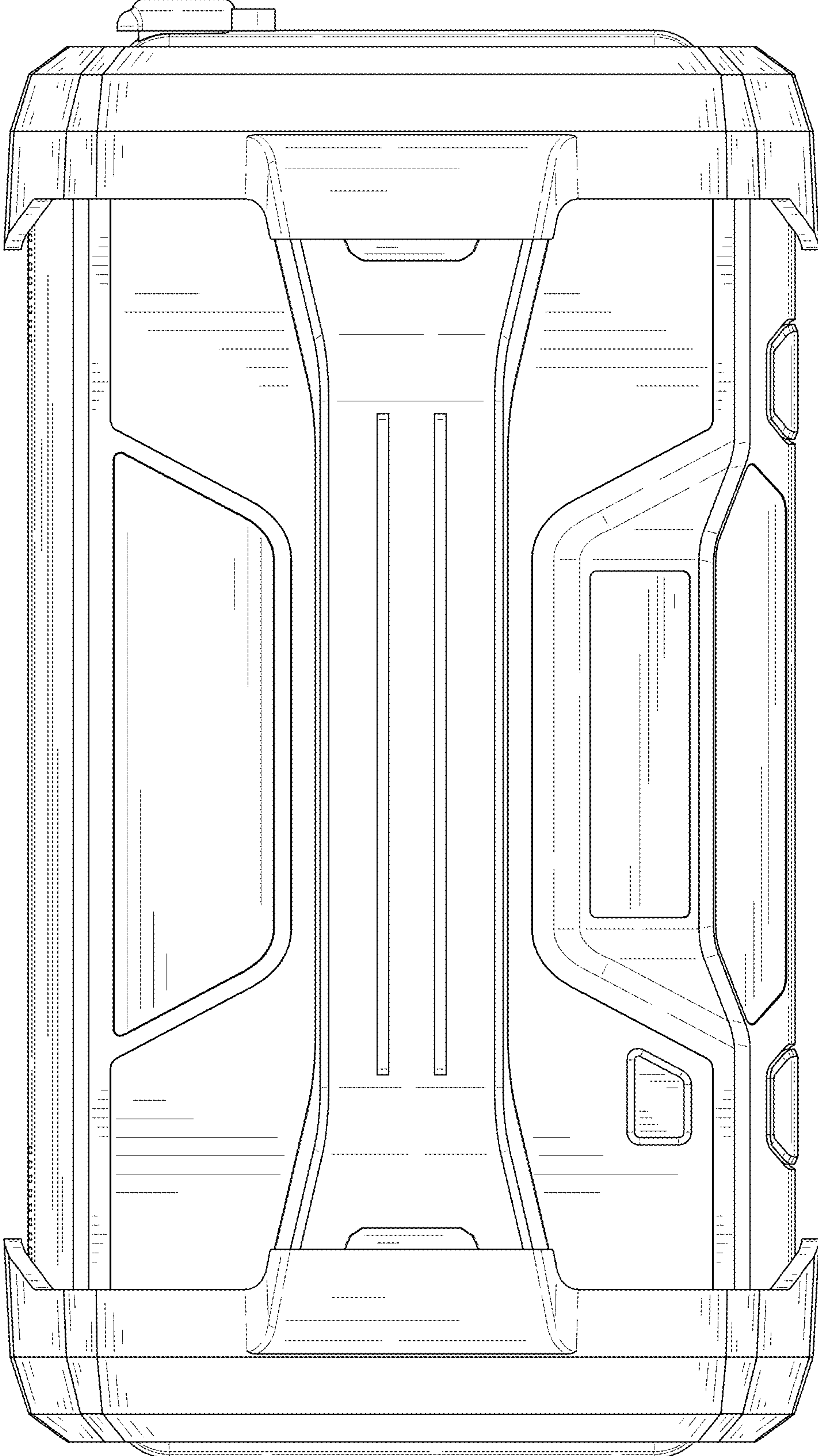


FIG. 7

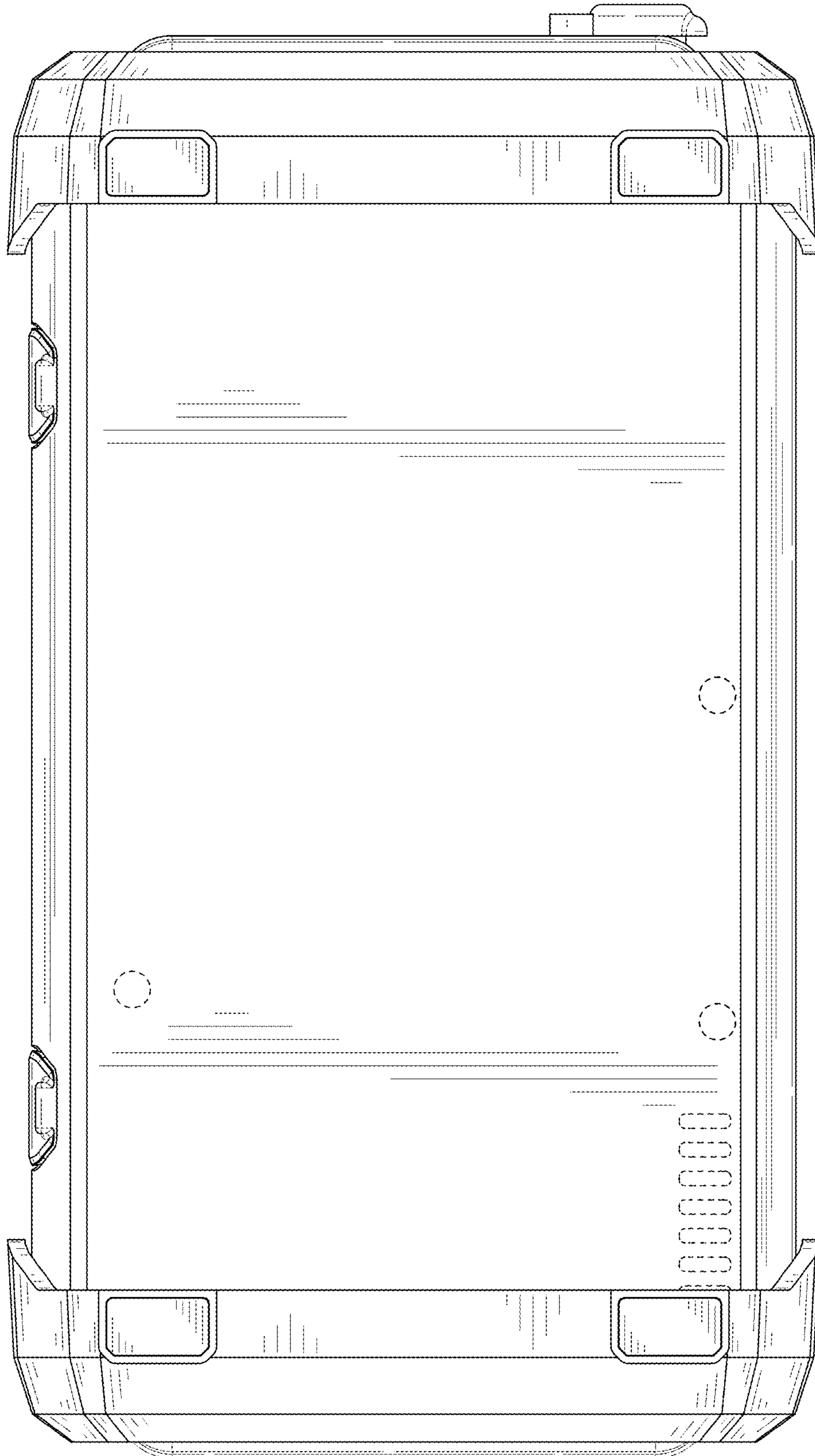


FIG. 8