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

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(45) **Date of Patent:** **** Mar. 31, 2015**

(54) **OPTICAL BASED MONITORING DEVICE
FOR PROCESS CONTROL AND
MEASUREMENT OF CHEMICAL
COMPOSITION AND PHYSICAL
PROPERTIES**

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(71) Applicant: **Prozess Technologie, Inc.**, Saint Louis,
MO (US)

Primary Examiner — Antoine D Davis

(72) Inventors: **Susan Bragg**, Saint Louis, MO (US);
John Kessler, Saint Louis, MO (US);
Charlie Puch, Saint Louis, MO (US)

(57) **CLAIM**

The ornamental design for an optical based monitoring device for process control and measurement of chemical composition and physical properties, as shown and described.

(73) Assignee: **Prozess Technologie, Inc.**, St. Louis,
MO (US)

DESCRIPTION

(**) Term: **14 Years**

(21) Appl. No.: **29/472,821**

(22) Filed: **Nov. 15, 2013**

(51) **LOC (10) Cl.** **10-04**

(52) **U.S. Cl.**
USPC **D10/81**; D24/216

(58) **Field of Classification Search**

CPC G09B 7/00; G01N 3/00; G01N 23/223;
G01N 21/7703; G01N 21/8507; G01N 21/47;
G01N 21/255; G01N 21/276; G01N 21/359;
G01N 2013/006; G01N 33/12; G01J 3/42;
G01J 3/2803; C07C 29/172; C07C 29/16;
C07C 29/44; C07C 29/48
USPC D10/78, 81; D24/169, 186, 216, 232
See application file for complete search history.

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D699,362 S * 2/2014 Corrigan et al. D24/186

FIG. 1 is a perspective view of an optical based monitoring device for process control and measurement of chemical composition and physical properties in accordance with the design;

FIG. 2 is a front view of the optical based monitoring device for process control and measurement of chemical composition and physical properties of FIG. 1;

FIG. 3 is a back view of the optical based monitoring device for process control and measurement of chemical composition and physical properties of FIG. 1;

FIG. 4 is a left view of the optical based monitoring device for process control and measurement of chemical composition and physical properties of FIG. 1;

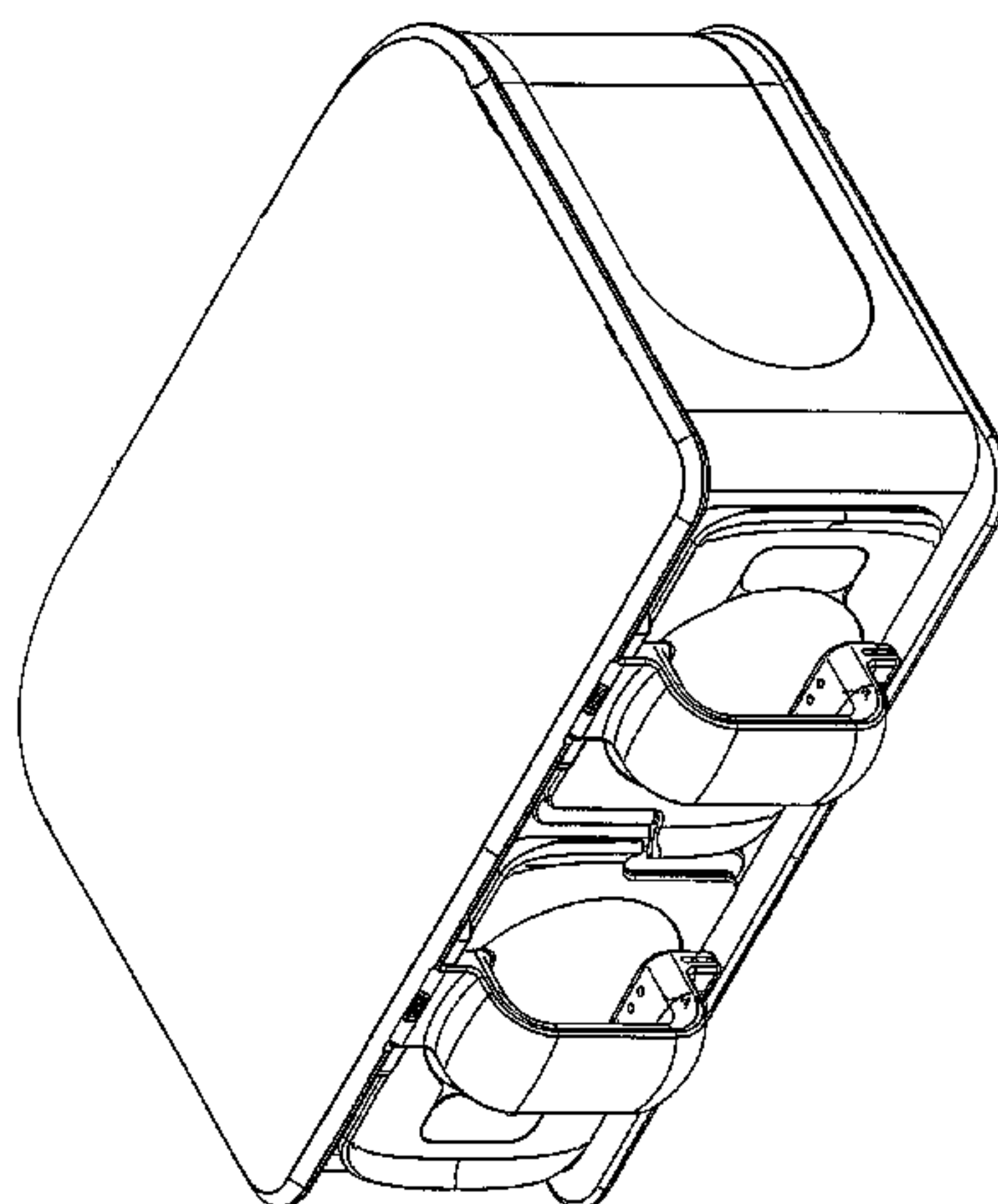
FIG. 5 is a right view of the optical based monitoring device for process control and measurement of chemical composition and physical properties of FIG. 1;

FIG. 6 is a top view of the optical based monitoring device for process control and measurement of chemical composition and physical properties of FIG. 1; and,

FIG. 7 is a bottom view of the optical based monitoring device for process control and measurement of chemical composition and physical properties of FIG. 1.

The present design is related to an article of manufacture in the form of an optical based monitoring device for process control and measurement of chemical composition and physical properties.

1 Claim, 7 Drawing Sheets



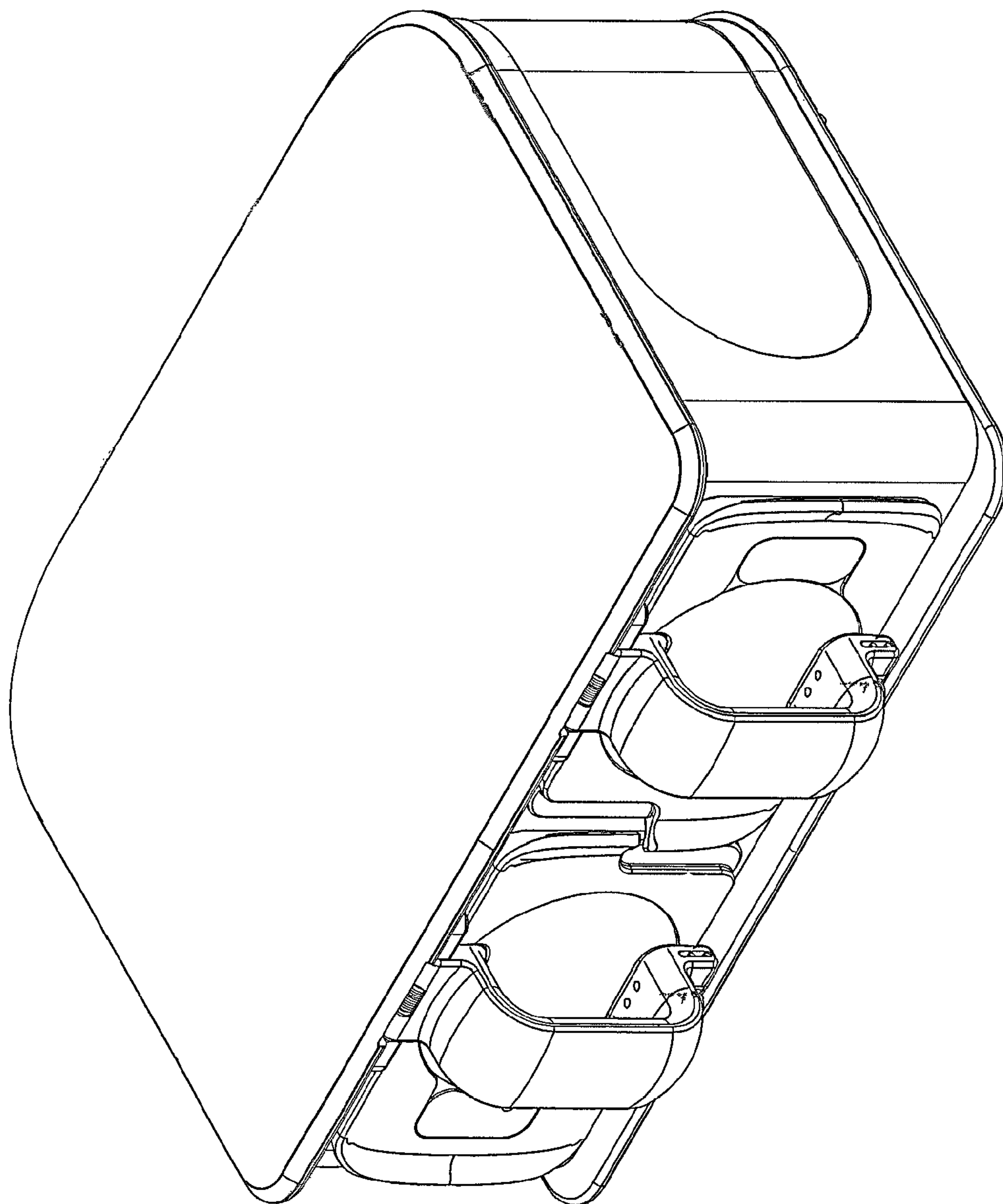


Fig. 1

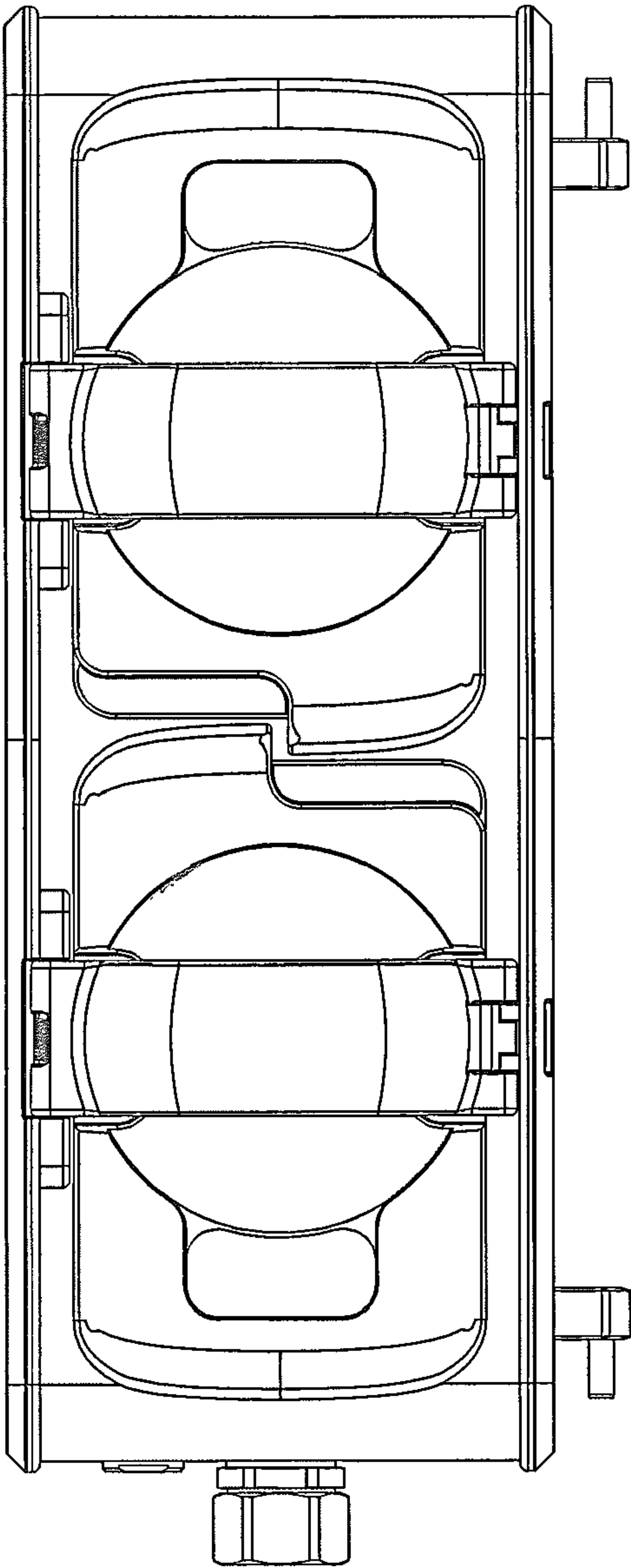


Fig. 2

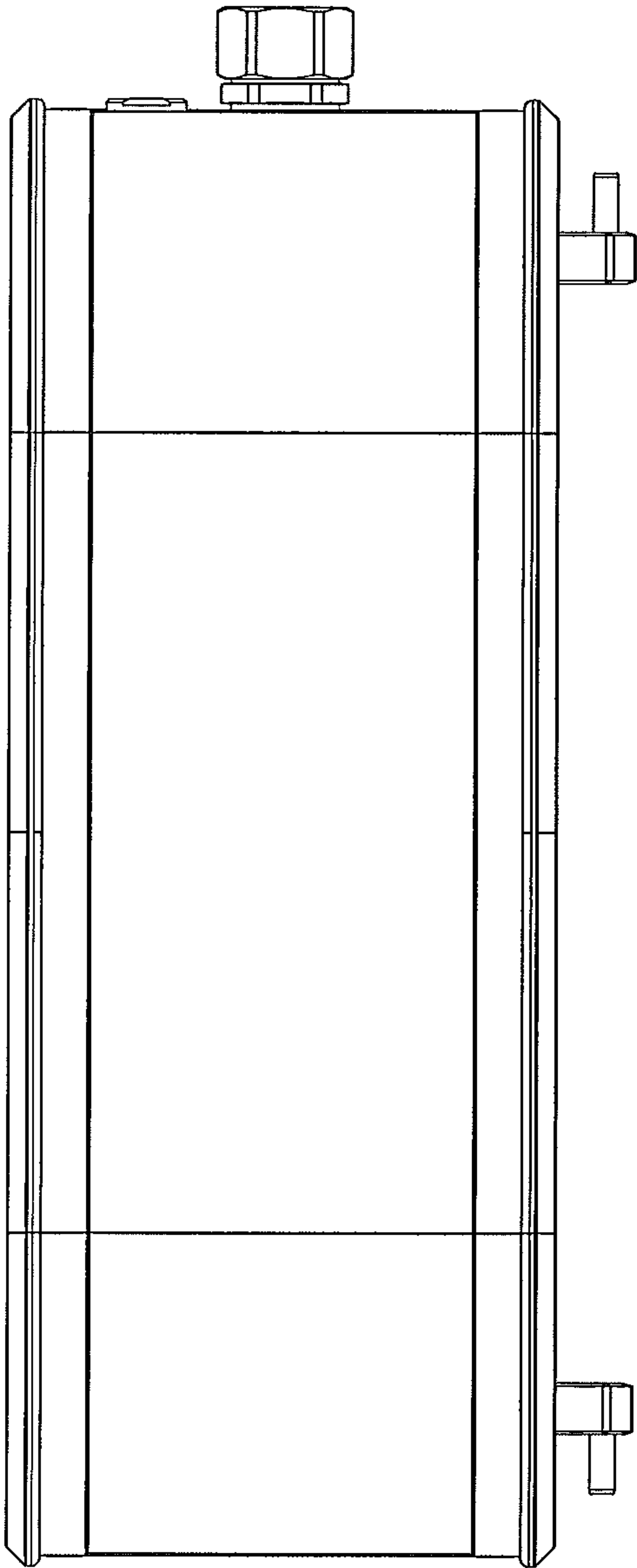


Fig. 3

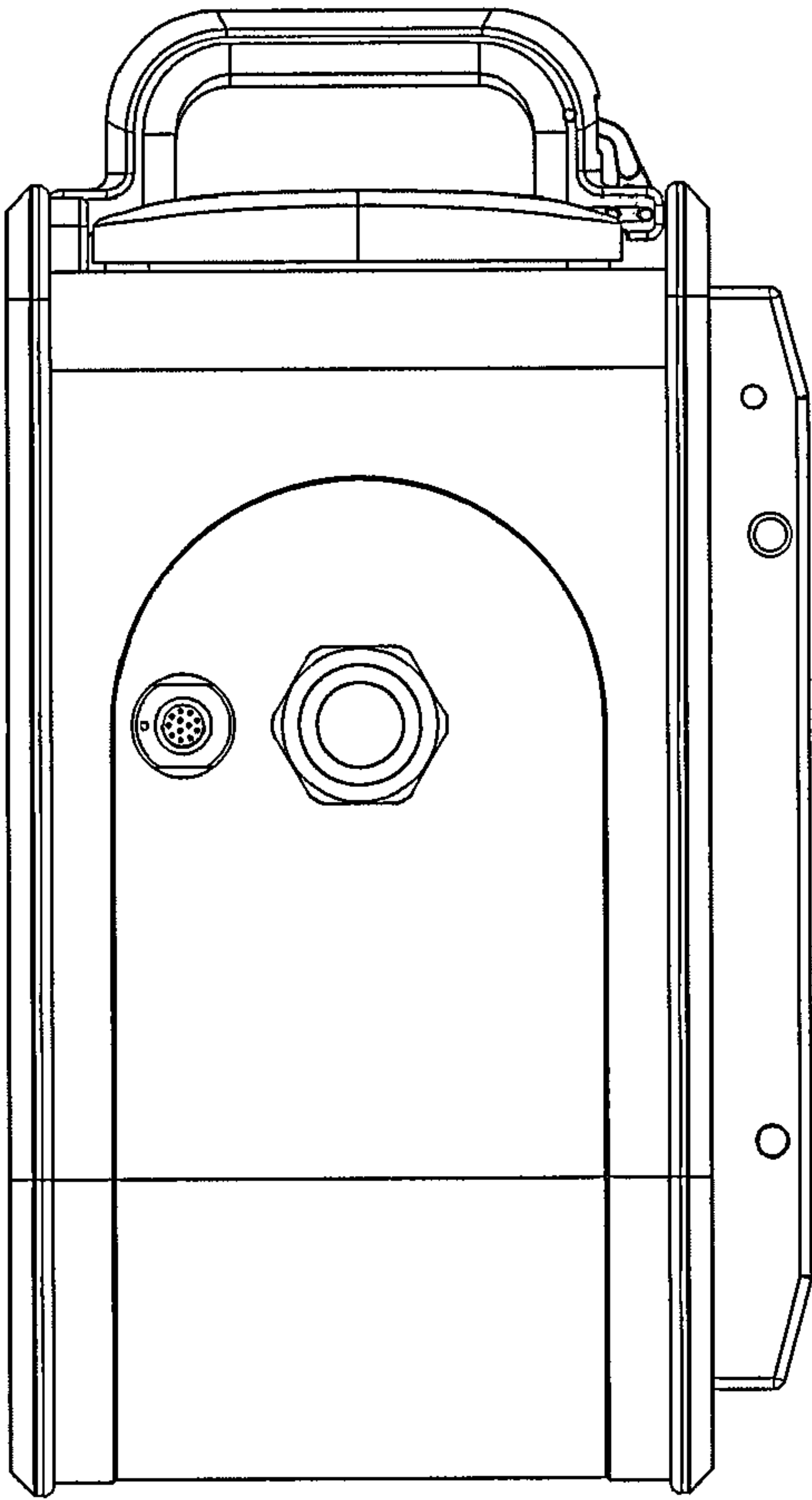


Fig. 4

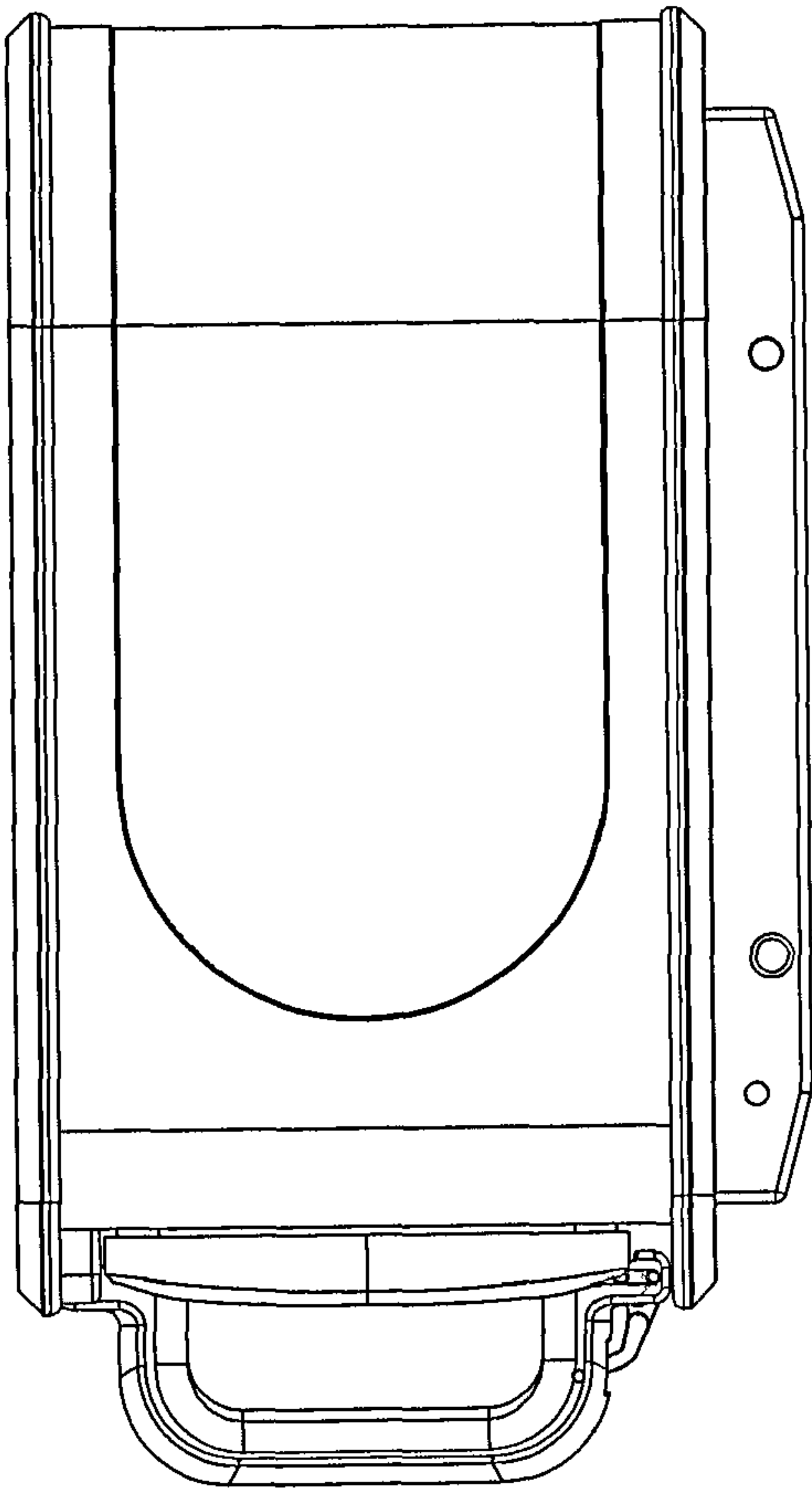


Fig. 5

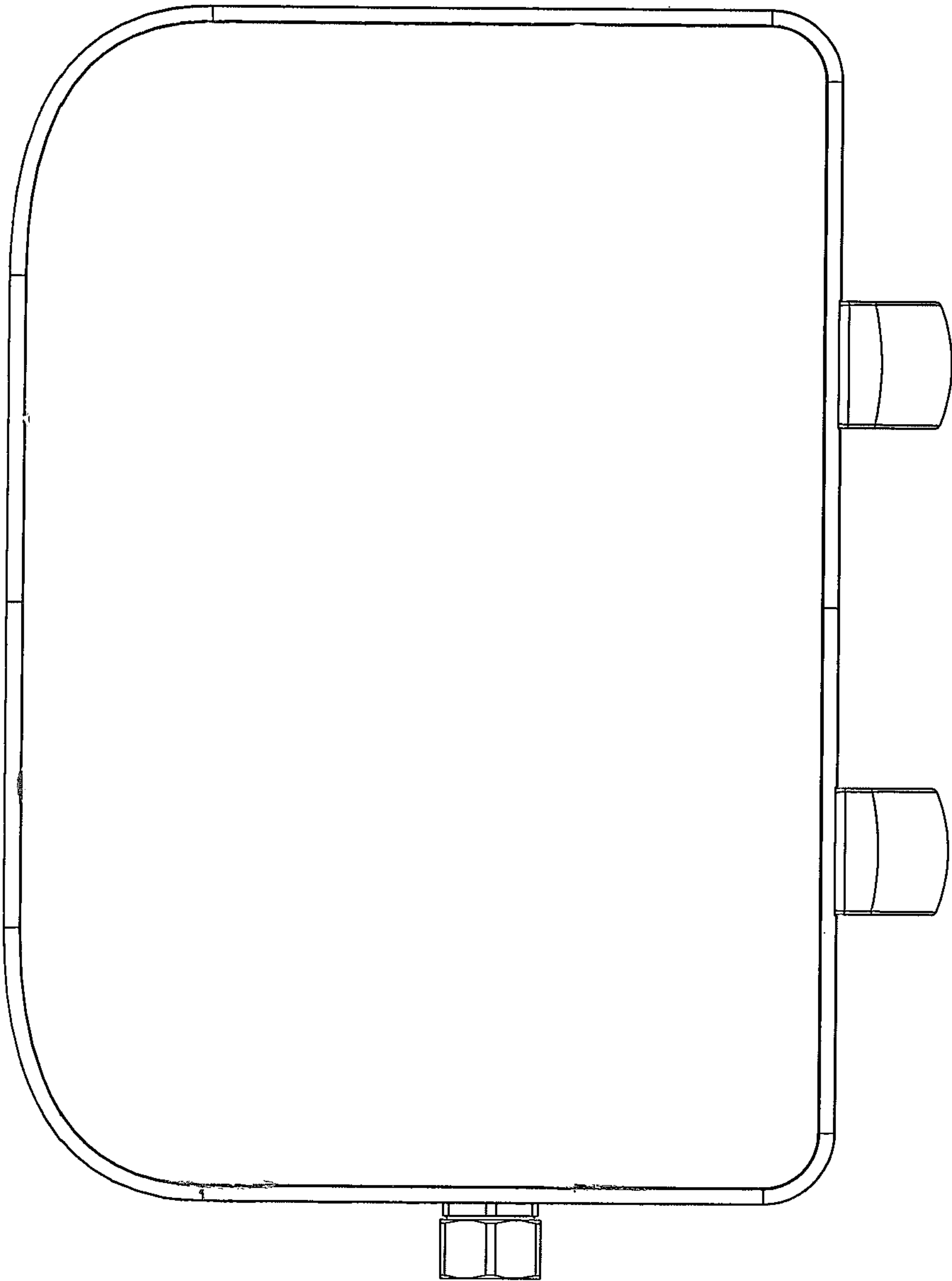


Fig. 6

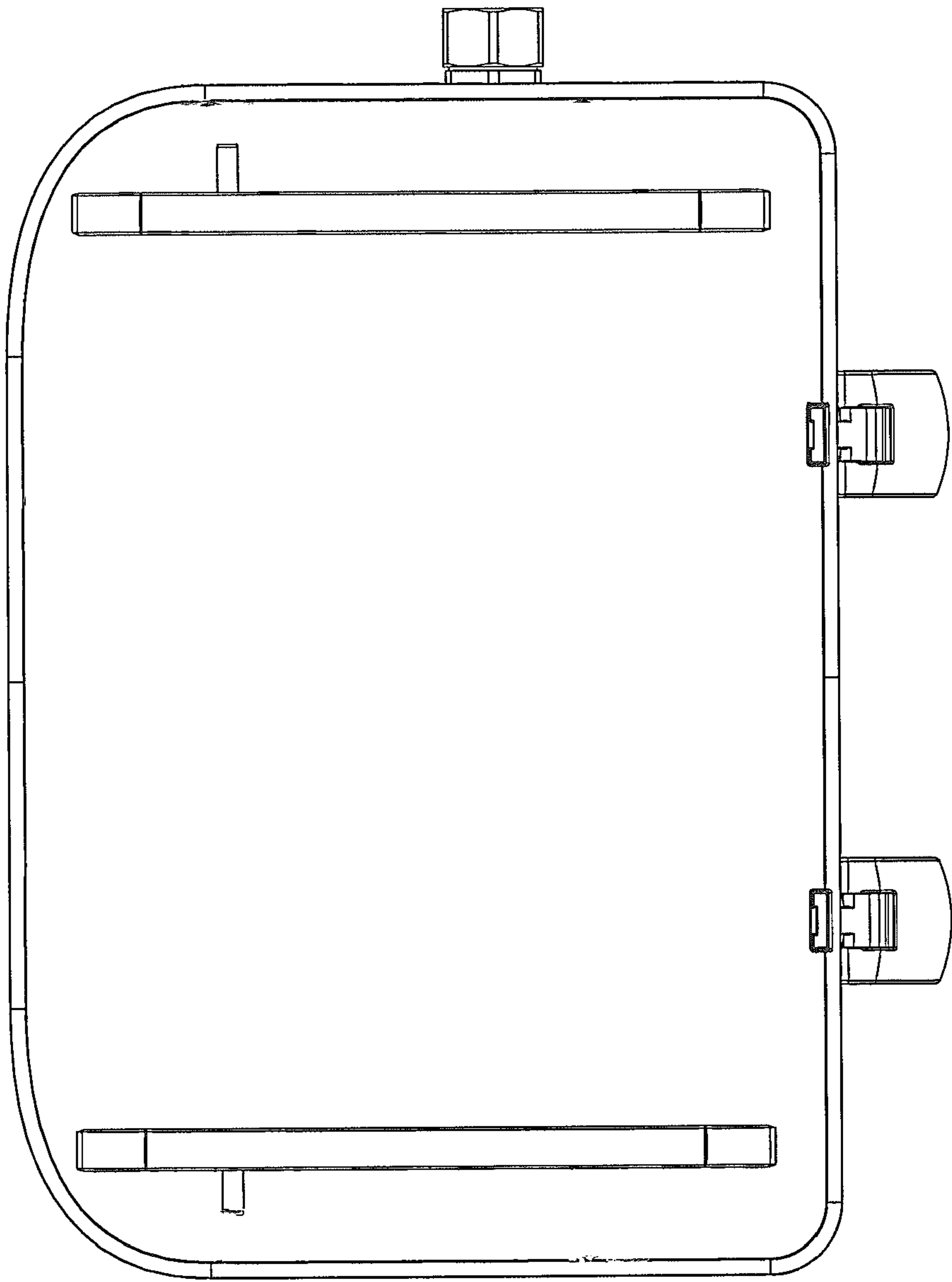


Fig. 7