



US00D730408S

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

(10) **Patent No.:** **US D730,408 S**  
(45) **Date of Patent:** **\*\* May 26, 2015**

(54) **COMBINED PUMP UNIT AND PUMP  
CARTRIDGE ASSEMBLY**

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**David Crowsley**, Falmouth (GB); **Oliver  
Warren**, Truro (GB)

(73) Assignee: **Watson-Marlow Limited**, Falmouth,  
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(\*\*) Term: **14 Years**

**FOREIGN PATENT DOCUMENTS**

(21) Appl. No.: **29/495,653**

EP 000681333-0001 3/2007

(22) Filed: **Jul. 2, 2014**

\* cited by examiner

**Related U.S. Application Data**

(62) Division of application No. 29/426,669, filed on Aug.  
2, 2012, now Pat. No. Des. 710,901.

(51) **LOC (10) Cl.** ..... **15-02**

(52) **U.S. Cl.**  
USPC ..... **D15/7**

(58) **Field of Classification Search**

CPC ..... F04B 43/12  
USPC ..... D15/7-9; D23/231, 232, 225; 417/60,  
417/235, 265, 321, 355, 358, 363, 359,  
417/410.1, 415-416, 405, 900, 476, 477.1;  
60/408, 412; 415/140-147

See application file for complete search history.

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*Primary Examiner* — Ralf Seifert

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(57) **CLAIM**

The ornamental design for a combined pump unit and pump  
cartridge assembly, as shown.

**DESCRIPTION**

FIG. 1 is a perspective view of a combined pump unit and  
pump cartridge assembly embodying our design.

FIG. 2 is a front side elevational view thereof.

FIG. 3 is a rear side elevational view thereof.

FIG. 4 is a left side elevational view thereof.

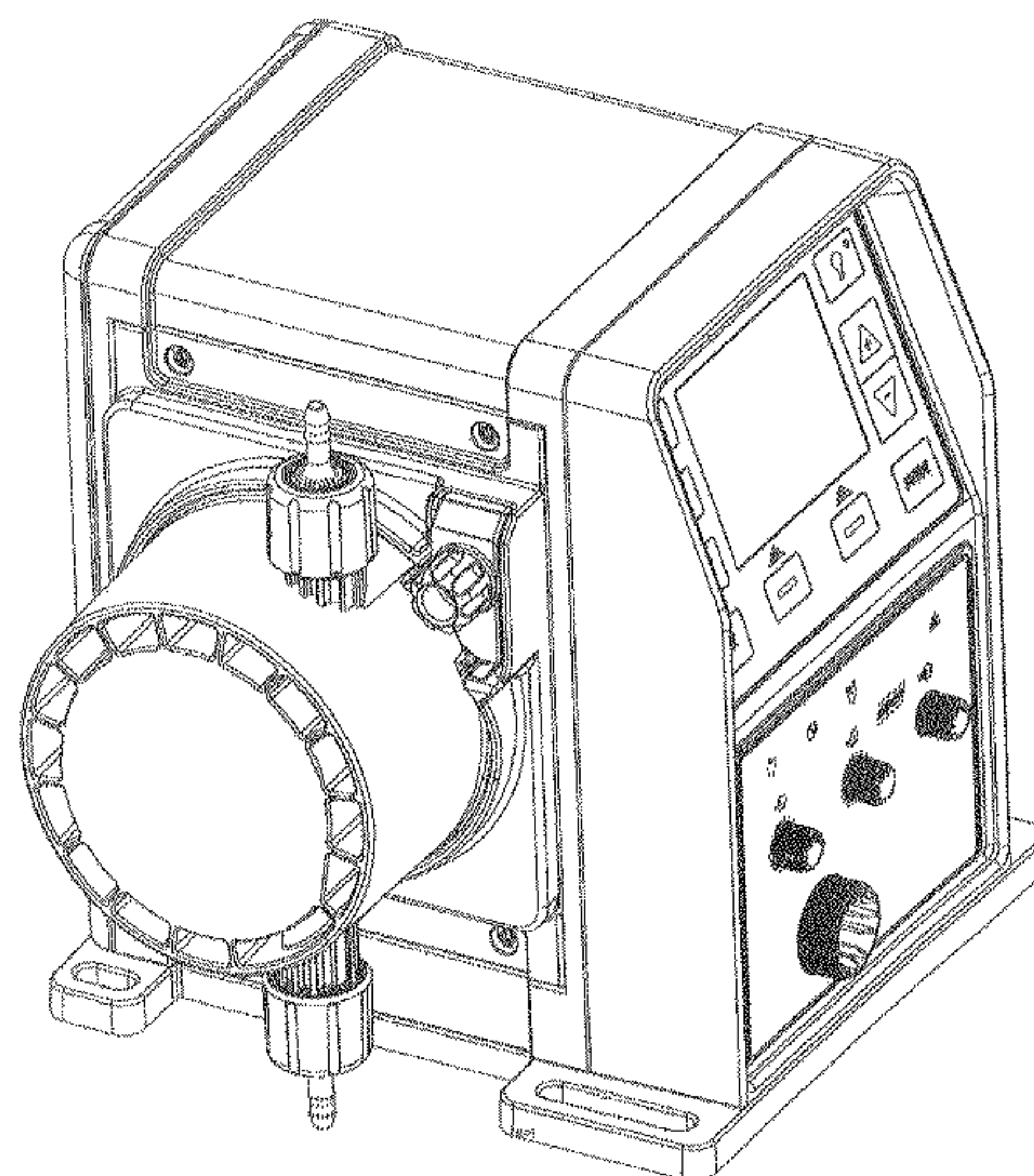
FIG. 5 is a right side elevational view thereof.

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

The broken lines throughout the drawings are included for the  
purpose of illustrating portions of the combined pump unit  
and pump cartridge assembly that form no part of the claimed  
design.

**1 Claim, 7 Drawing Sheets**





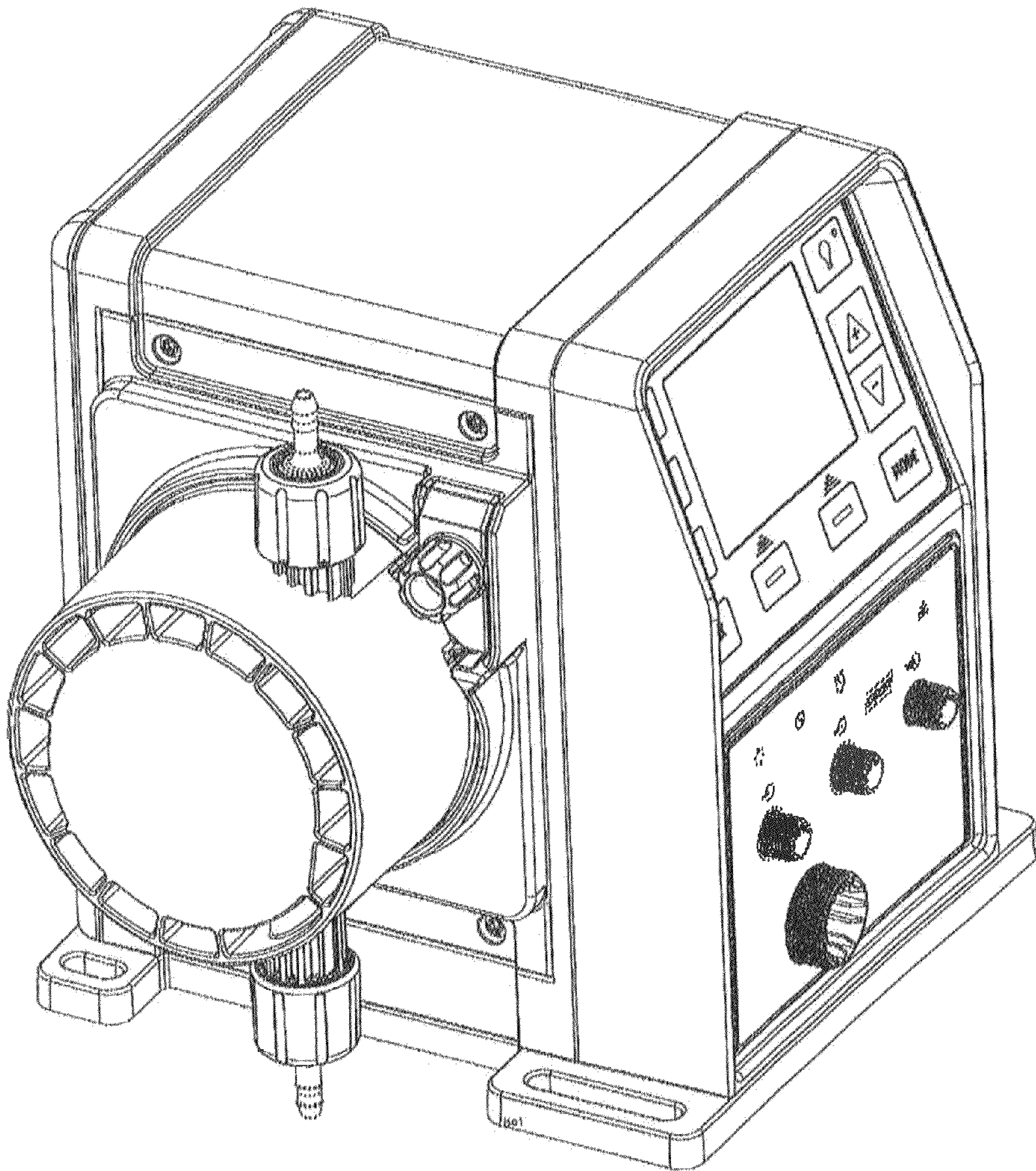


FIG. 1

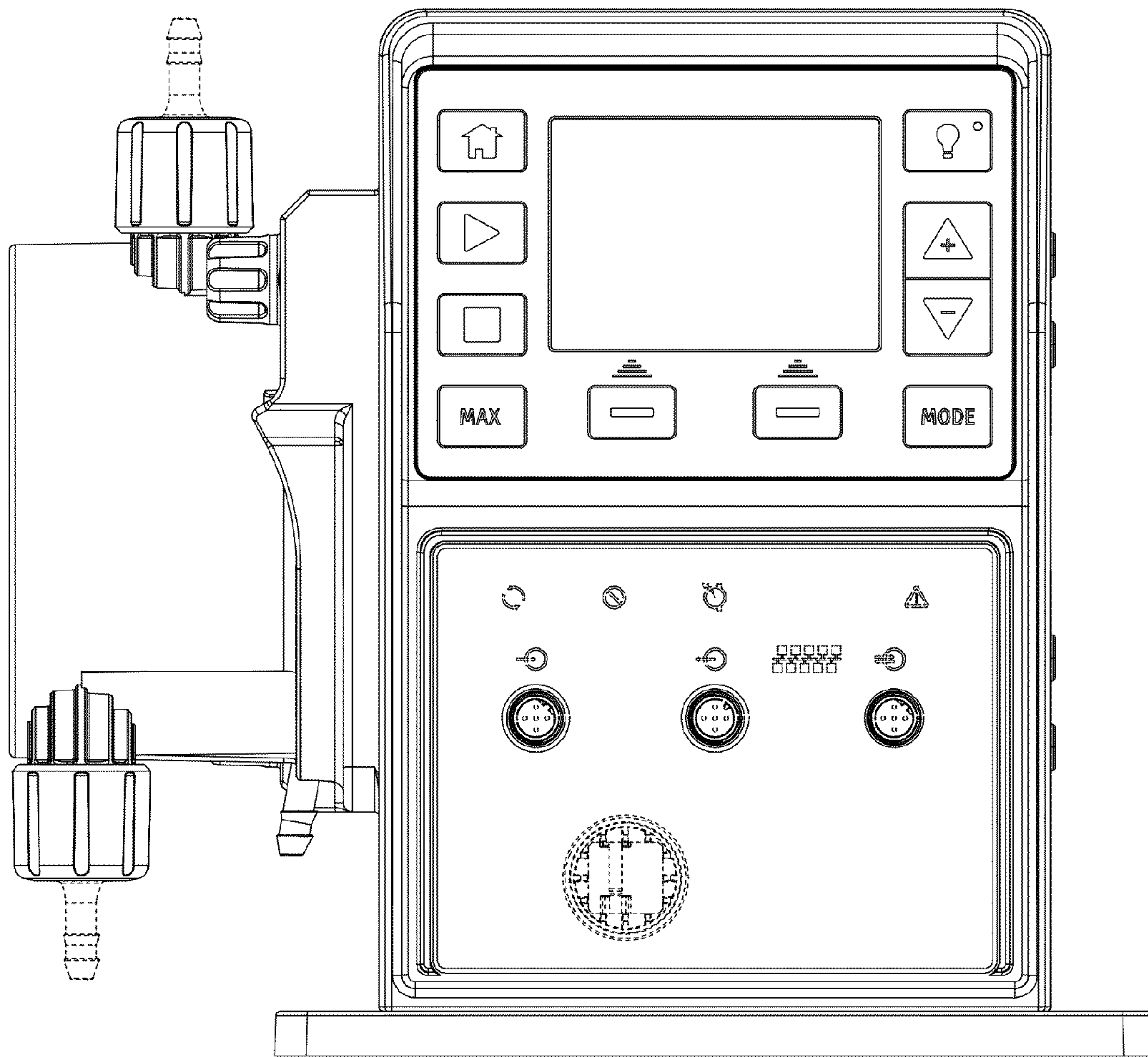


FIG. 2



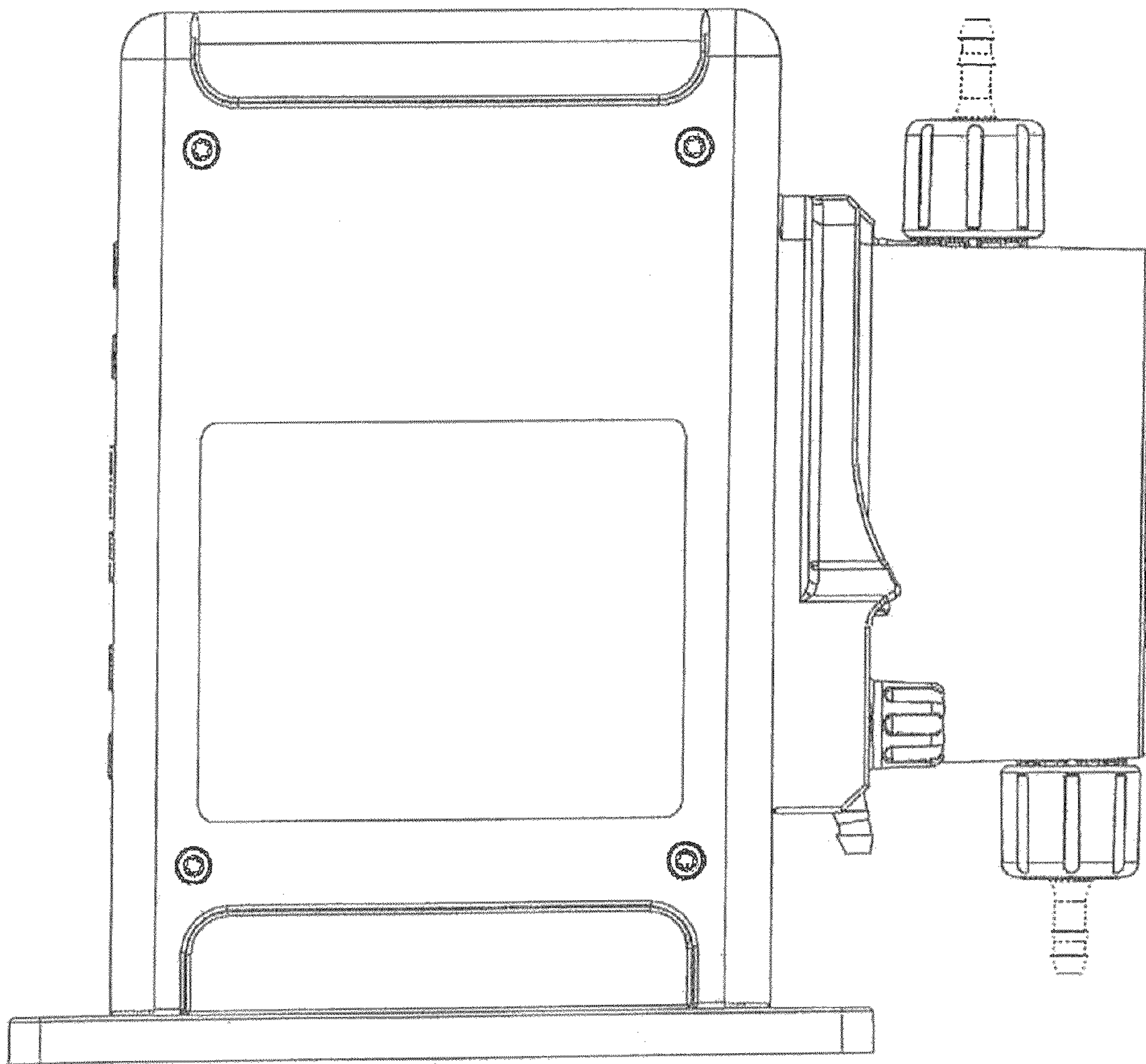


FIG. 3



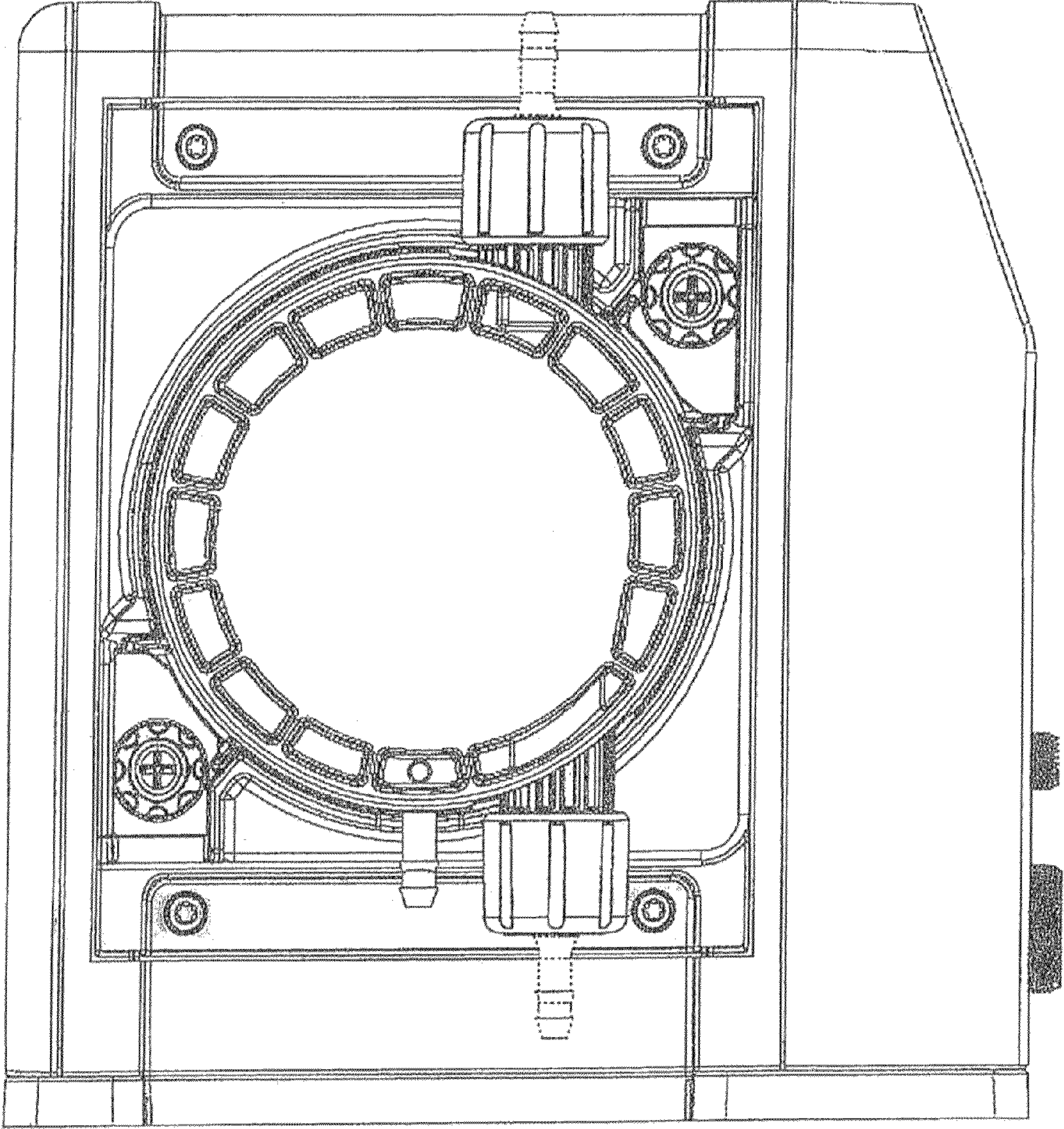


FIG. 4



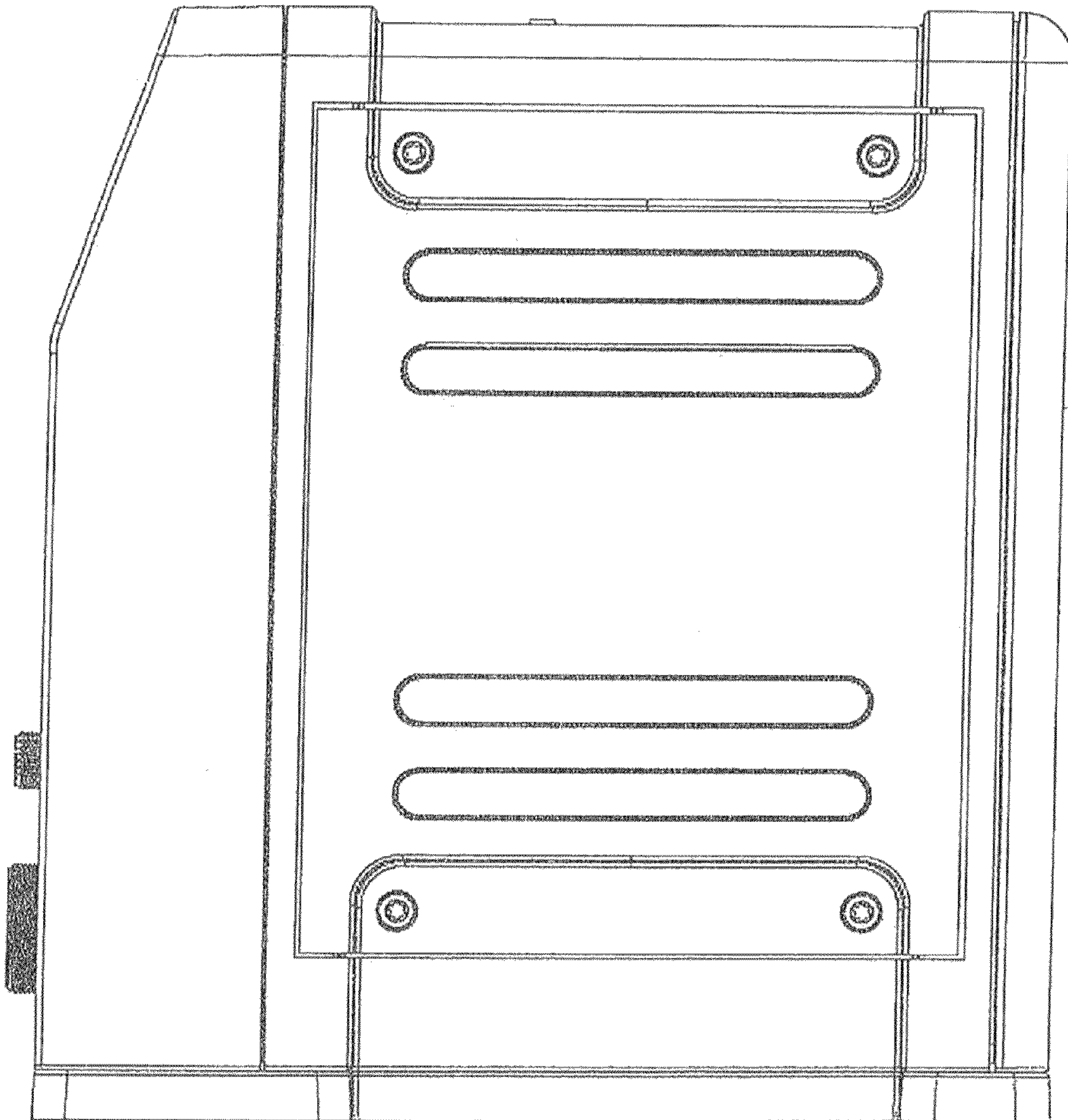


FIG. 5

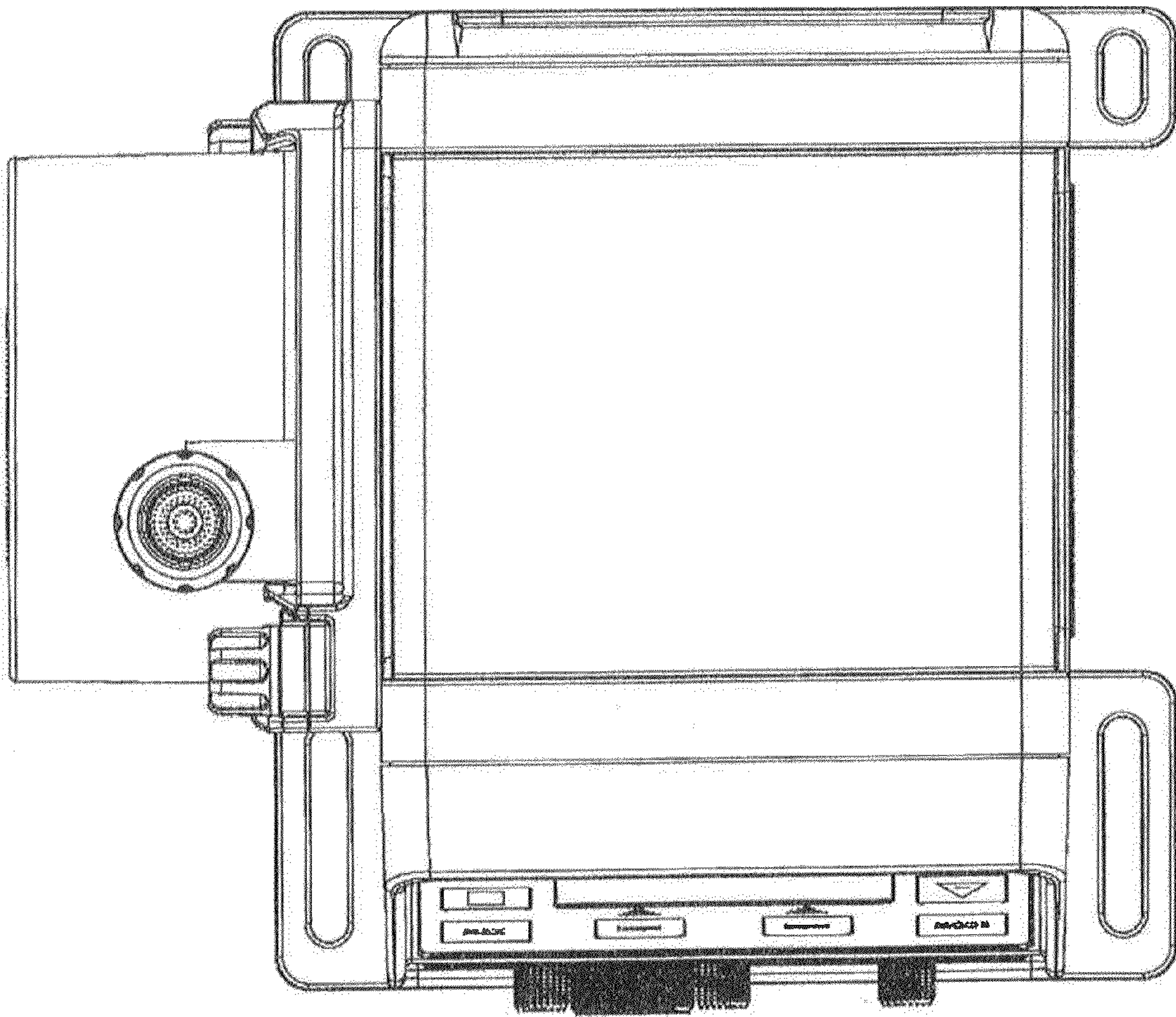


FIG. 6



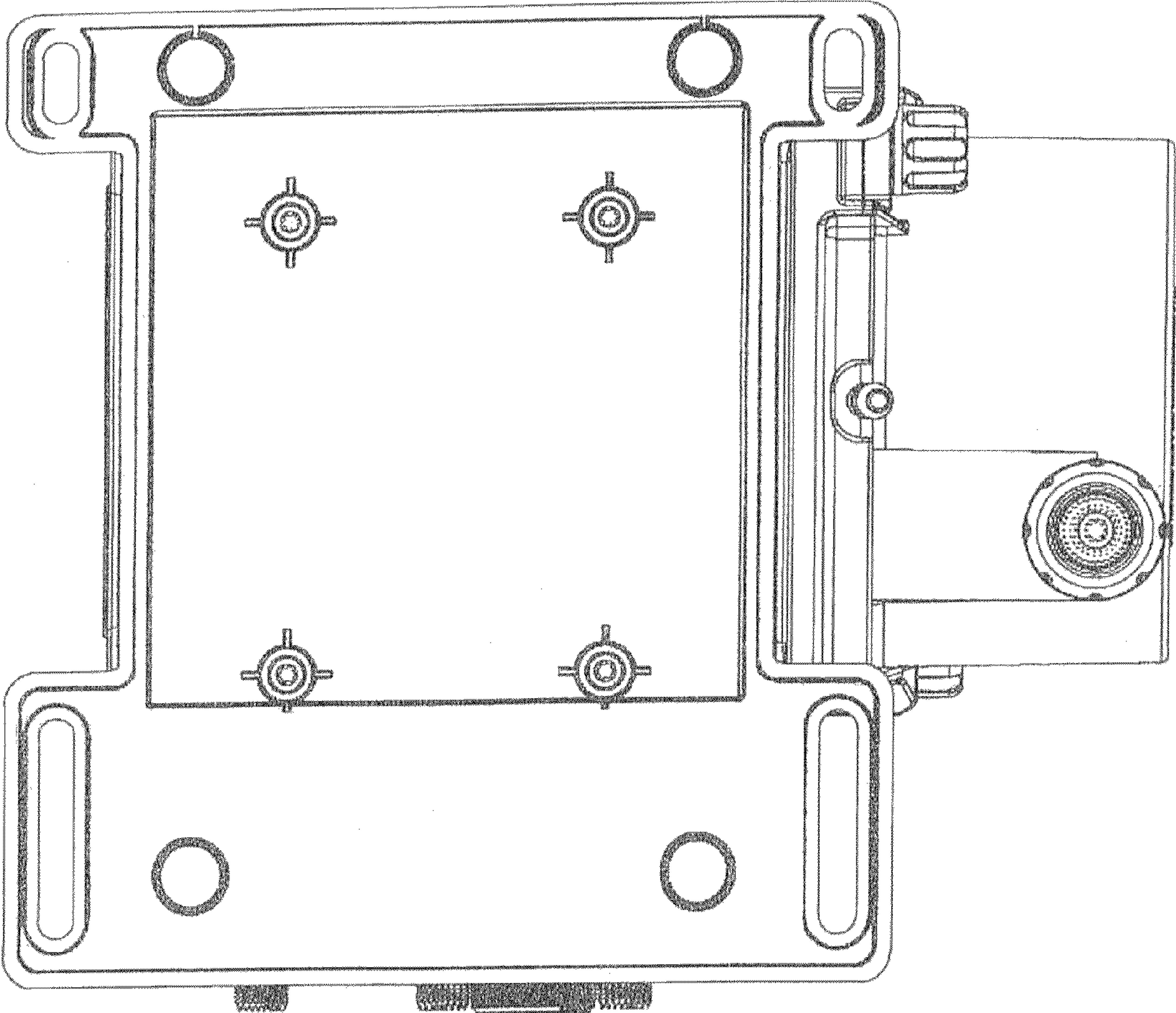


FIG. 7



UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : D730,408 S  
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INVENTOR(S) : Steven Brokenshire, David Crowsley and Oliver Warren

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page item (62),

Please correct the Related U.S. Application Data:

“29/426,669” to --29/428,669--.

Signed and Sealed this  
Fifteenth Day of November, 2016



Michelle K. Lee  
*Director of the United States Patent and Trademark Office*