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

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(54) **DEVICE FOR SYNTHESIZING BIO-INK**

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(73) Assignee: **REVOTEK CO., LTD**, Sichuan (CN)

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

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**Related U.S. Application Data**

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(51) **LOC (13) Cl.** ..... **15-09**

(52) **U.S. Cl.**  
USPC ..... **D15/122**

(58) **Field of Classification Search**  
USPC ..... D24/170, 177, 185, 186, 216–219, 225, D24/231–234; D10/81; D15/122, 135; D14/420–425; D18/50, 53, 54, 54.1  
CPC ..... G01N 2035/00306; G01N 2035/00326; G01N 2035/00336; G01N 2035/00366; G01N 2035/00495; G01N 2035/00544; G01N 33/53; G01N 2035/00138; G01N 2035/00168; B29C 67/0059; B29C 67/0088; B29K 2105/0058  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D330,899 S \* 11/1992 Holbl ..... D15/135  
9,157,782 B2 \* 10/2015 Berberich ..... G01F 23/00

D791,203 S \* 7/2017 Zhang ..... D15/122  
D836,684 S \* 12/2018 Zhang ..... D15/122  
D845,357 S \* 4/2019 Chen ..... D15/122  
10,345,198 B2 \* 7/2019 Walter ..... G01N 1/286  
D861,747 S \* 10/2019 Grip ..... D15/122  
D861,748 S \* 10/2019 Chen ..... D15/122  
D863,380 S \* 10/2019 Zhang ..... D15/122  
D870,780 S \* 12/2019 Zhang ..... D15/122  
2019/0216591 A1 \* 7/2019 Li ..... A61L 27/507  
2019/0217537 A1 \* 7/2019 Li ..... B29C 64/295

**OTHER PUBLICATIONS**

Revotek, posted at revotekhealth.com, no posting date, retrieved Dec. 20, 2019 online, URL: <http://www.revotekhealth.com/technology.aspx?t=1> (Year: 2019).\*

\* cited by examiner

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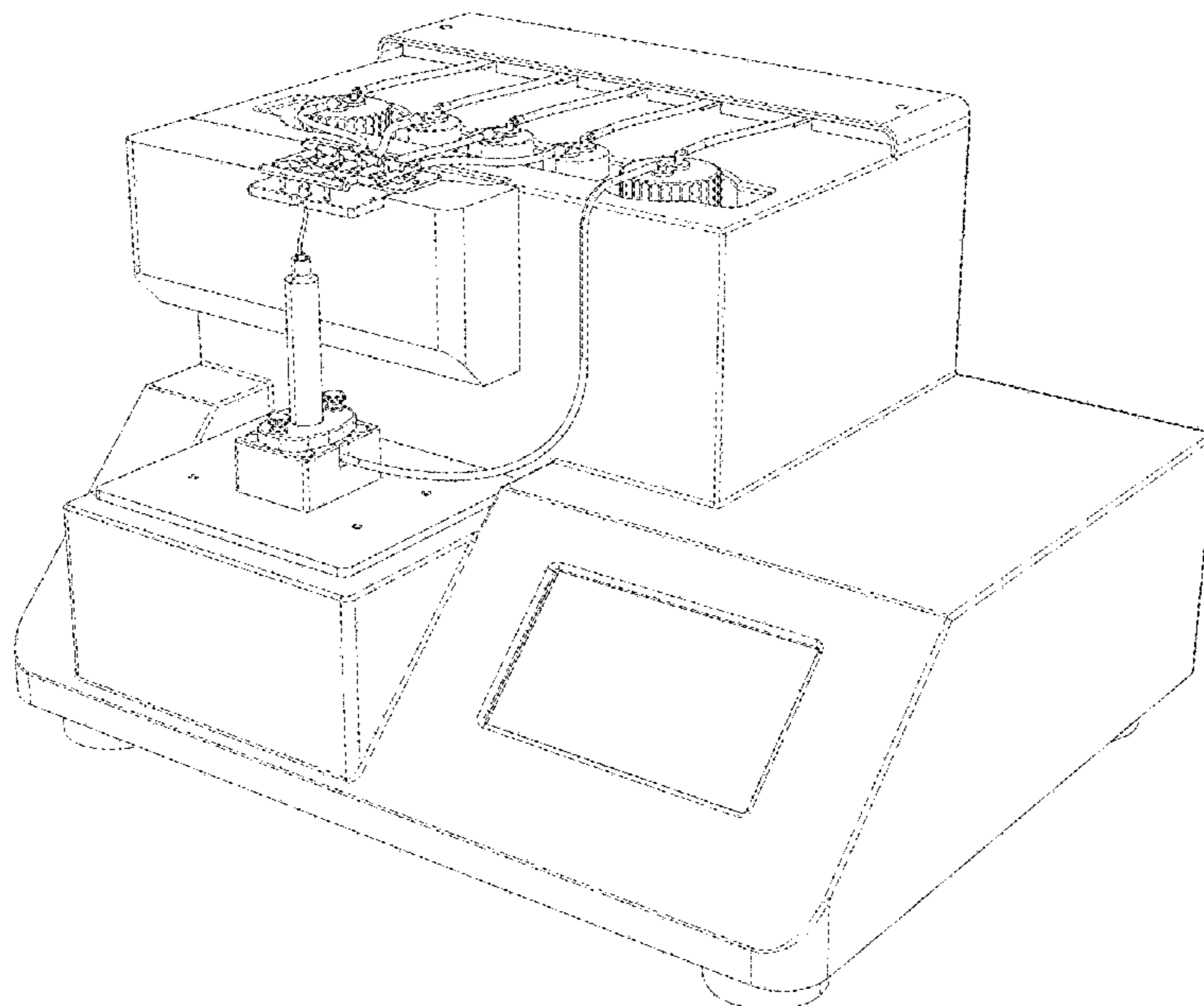
(57) **CLAIM**

The ornamental design for a device for synthesizing bio-ink, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a device for synthesizing bio-ink, showing our new design; FIG. 2 is a front elevation view thereof; FIG. 3 is a rear elevation view thereof; FIG. 4 is a left side elevation view thereof; FIG. 5 is a right side elevation view thereof; and, FIG. 6 is a top plan view of FIG. 1. The broken lines depict portions of the device for synthesizing bio-ink that form no part of the claimed design.

**1 Claim, 6 Drawing Sheets**



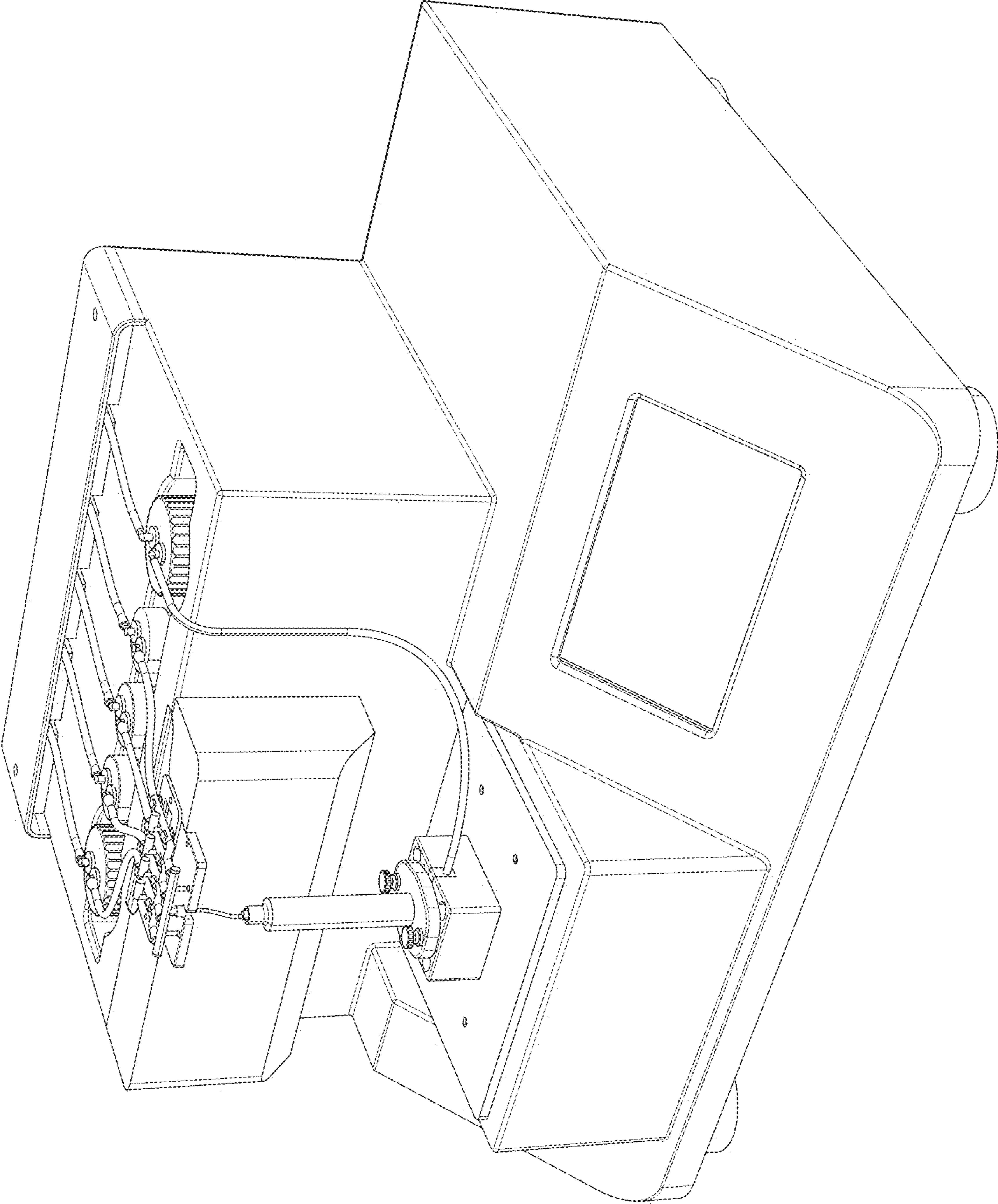


FIG. 1

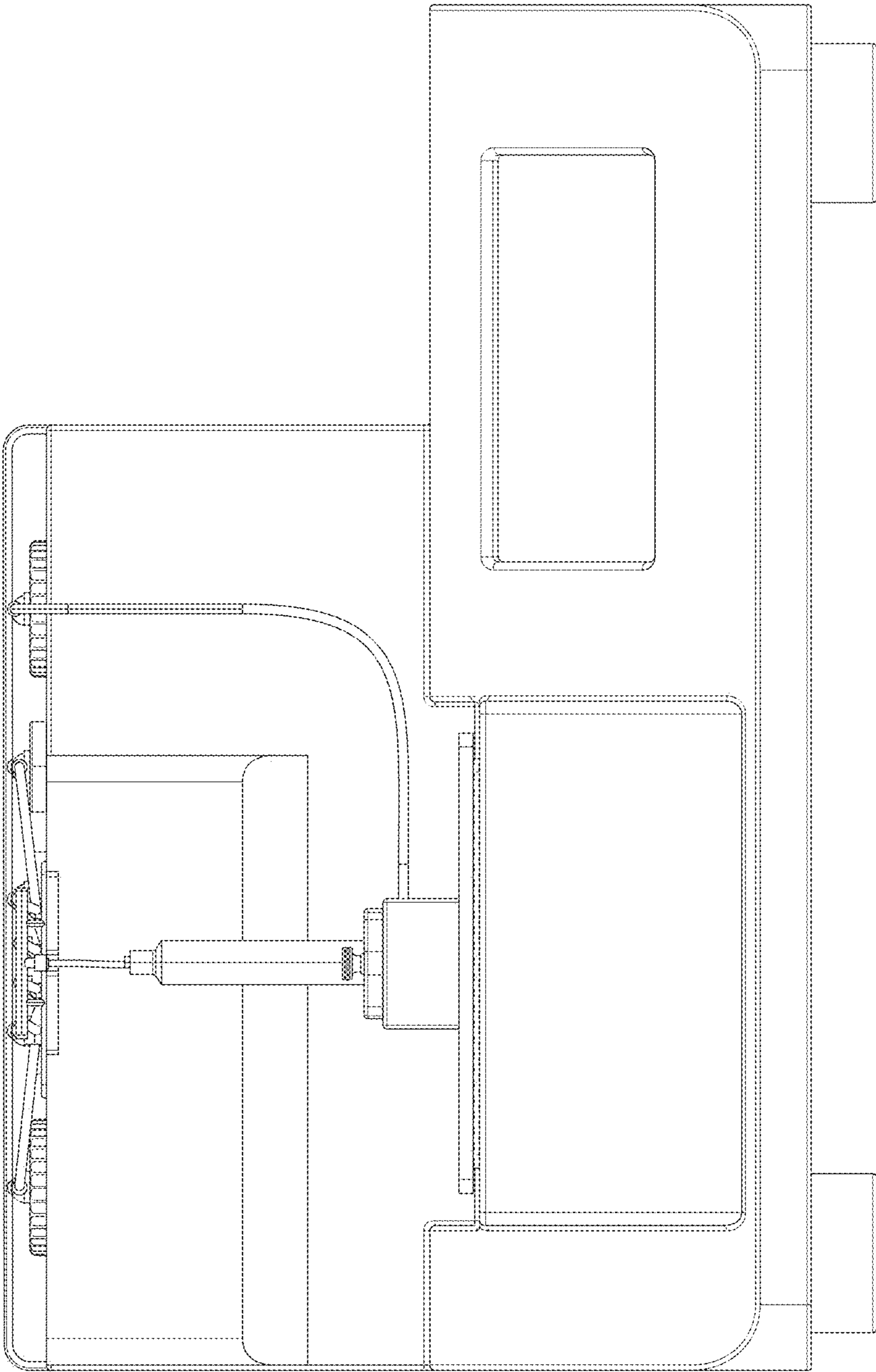


FIG. 2

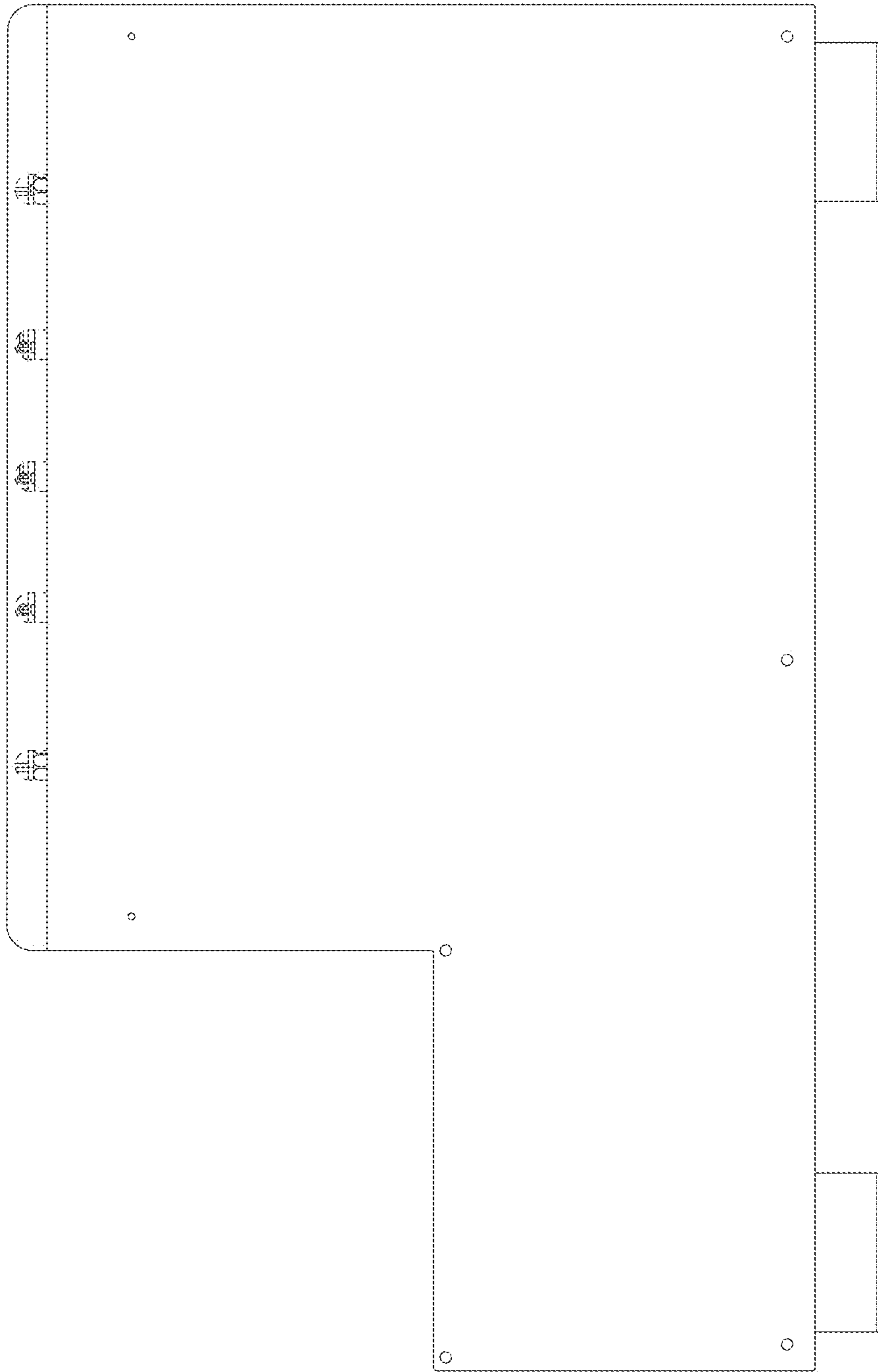


FIG. 3

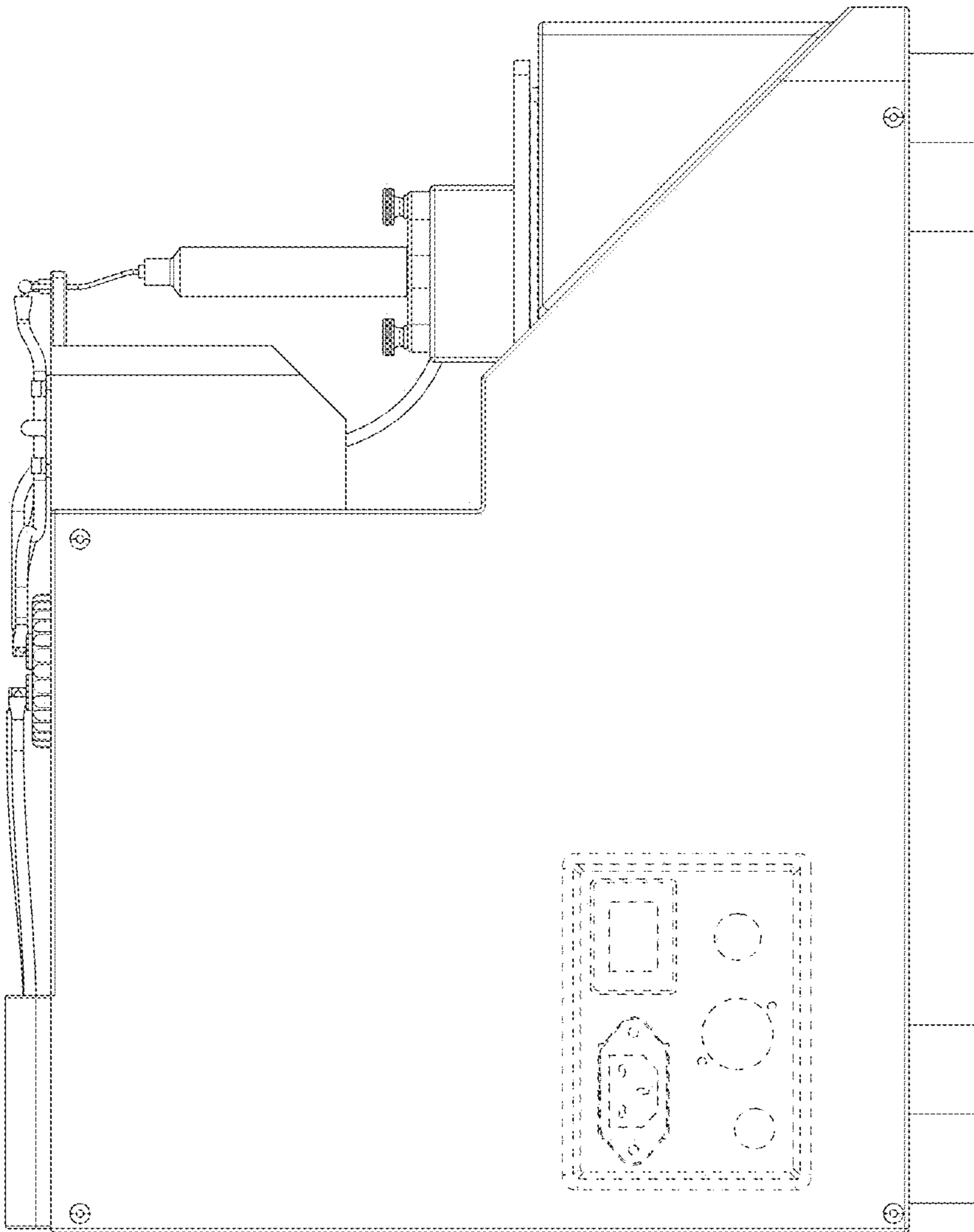


FIG. 4

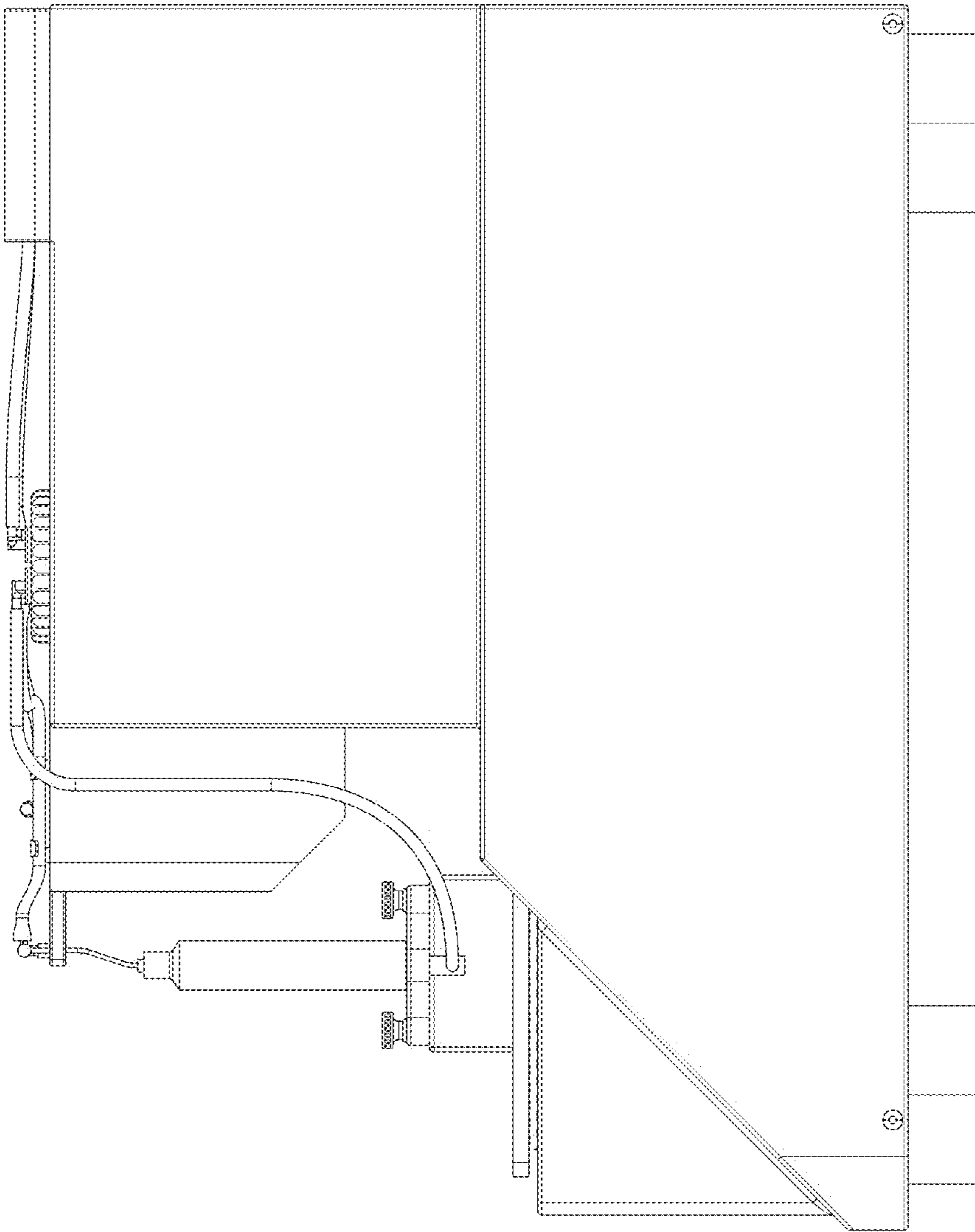


FIG. 5

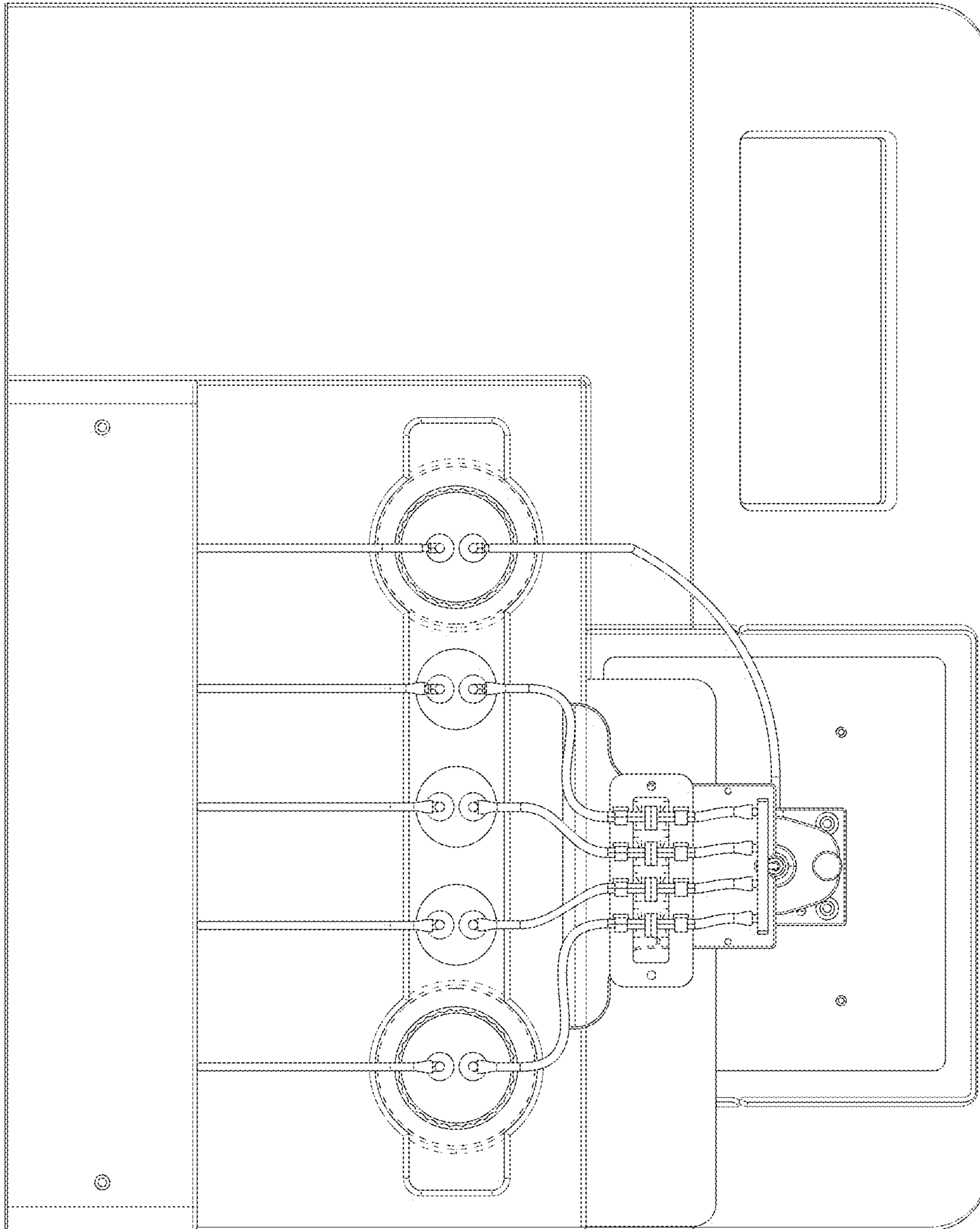


FIG. 6