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(12) **United States Design Patent**  
**Lan**

(10) **Patent No.:** **US D950,685 S**

(45) **Date of Patent:** **\*\* May 3, 2022**

- (54) **LIQUID TRANSPORT DEVICE**
- (71) Applicant: **ASIA VITAL COMPONENTS CO., LTD.**, New Taipei (TW)
- (72) Inventor: **Wen-Ji Lan**, New Taipei (TW)
- (73) Assignee: **ASIA VITAL COMPONENTS CO., LTD.**, New Taipei (TW)
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/695,729**
- (22) Filed: **Jun. 21, 2019**
- (51) **LOC (13) Cl.** ..... **23-01**
- (52) **U.S. Cl.**  
USPC ..... **D23/259**; D23/234
- (58) **Field of Classification Search**  
USPC ..... D23/200, 206–209, 233–237, 259,  
D23/322–323, 213, 230–232, 245, 365;  
210/222–223; 209/39; D13/147  
CPC ... F28F 23/02; F28F 2250/08; F16L 2201/30;  
F16L 25/00; F16K 51/36; F16K 1/42;  
F16K 7/17  
See application file for complete search history.

D839,388 S \* 1/2019 Miyazoe ..... D23/233  
D846,075 S \* 4/2019 Sato ..... D23/235  
10,849,251 B2 \* 11/2020 Lan ..... H05K 7/20272

**FOREIGN PATENT DOCUMENTS**

CN 305460522 \* 11/2019

\* cited by examiner

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Jackson IPG PLLC

(57) **CLAIM**

The ornamental design for a liquid transport device, as shown and described.

**DESCRIPTION**

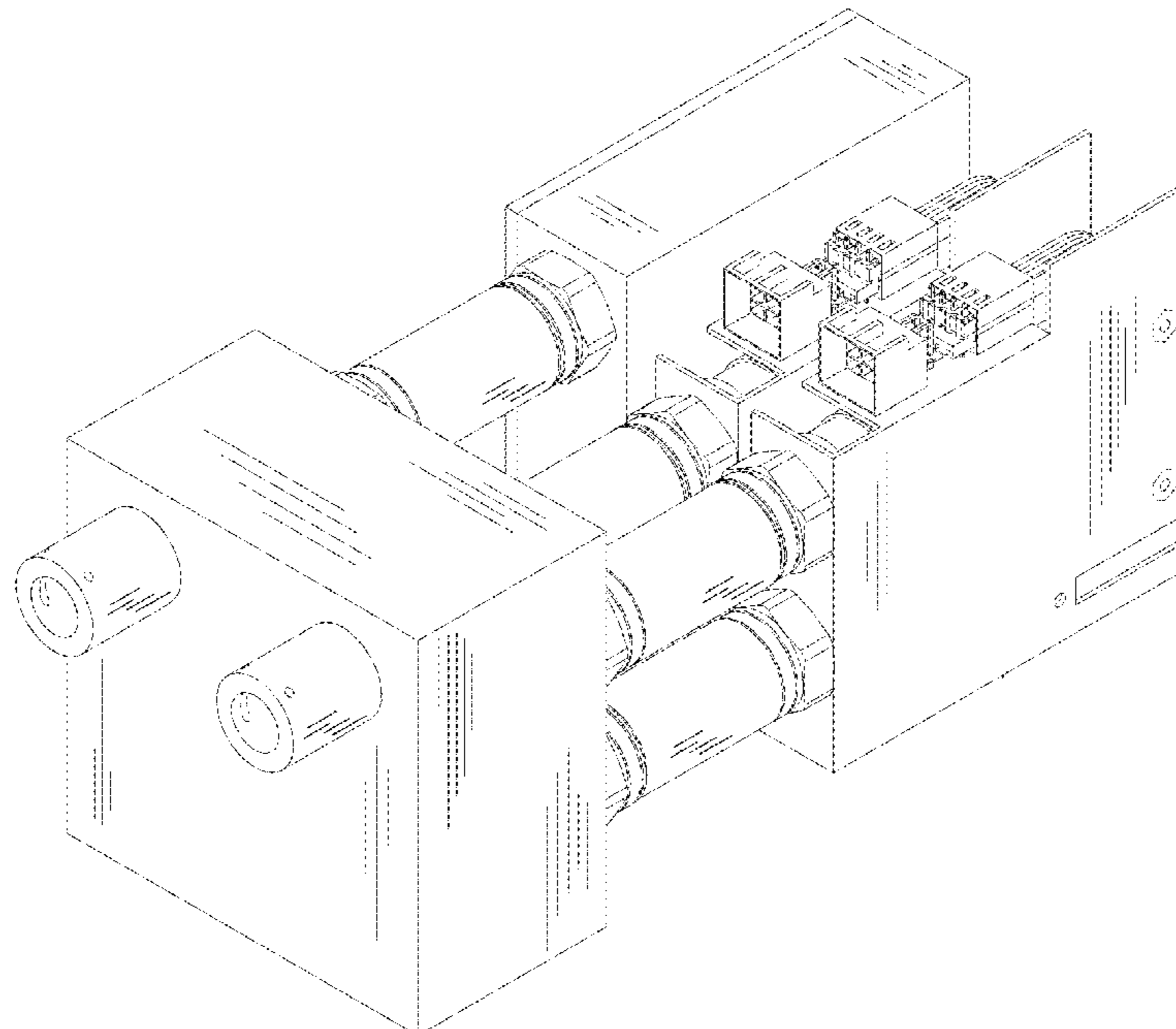
FIG. 1 is a perspective view of a liquid transport device showing my design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a left view thereof;  
FIG. 5 is a right view thereof;  
FIG. 6 is a top plan view thereof;  
FIG. 7 is a bottom plan view thereof;  
FIG. 8 is a perspective view wherein the liquid transport device is shown in an environmental position of use received in a housing.  
FIG. 9 is an enlarged detail view of area 9 taken from FIG. 6; and,  
FIG. 10 is an enlarged detail view of area 10 taken from FIG. 7.  
The dot dash broken lines indicate cutoff boundaries for enlarged detailed portion views and form no part of the claim.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- D453,347 S \* 2/2002 Kaneko ..... D15/143
- D488,543 S \* 4/2004 Fulcher ..... D23/213
- D608,416 S \* 1/2010 Schmidt ..... D23/233
- D633,181 S \* 2/2011 Shinohara ..... D23/245
- D656,224 S \* 3/2012 Roys ..... D23/233
- D681,164 S \* 4/2013 Asaba ..... D23/233
- D692,534 S \* 10/2013 Fangmeier ..... D23/233
- D802,716 S \* 11/2017 Asaba ..... D23/233
- D827,094 S \* 8/2018 Miyazoe ..... D23/233

**1 Claim, 10 Drawing Sheets**



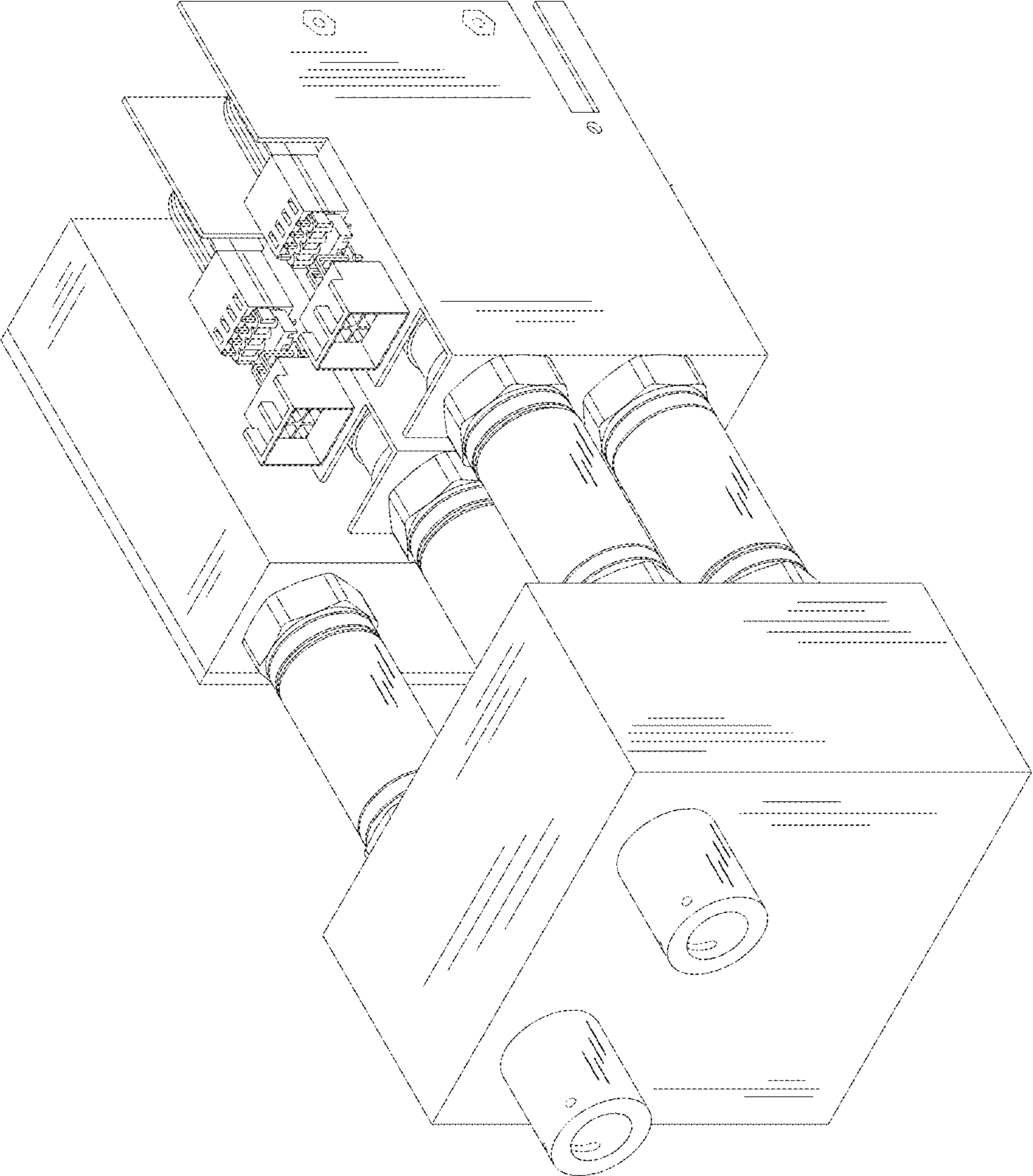


Fig. 1

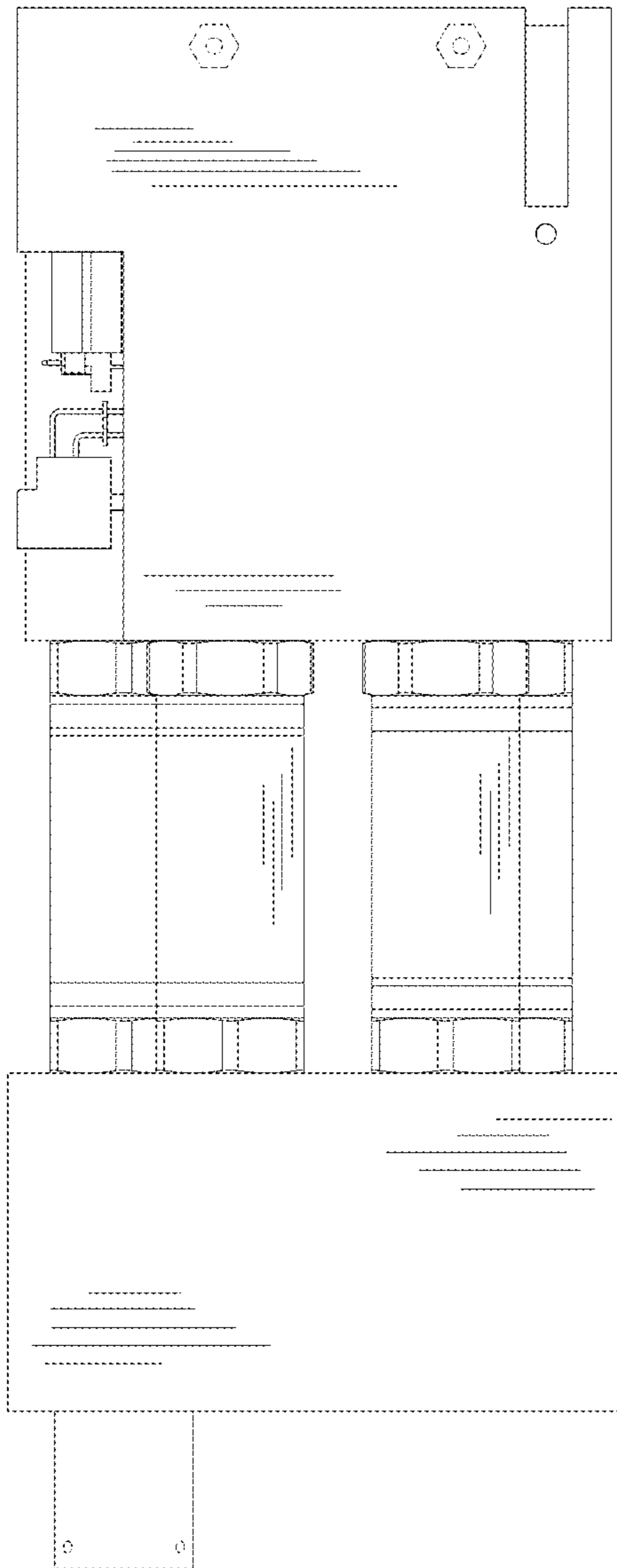


Fig. 2

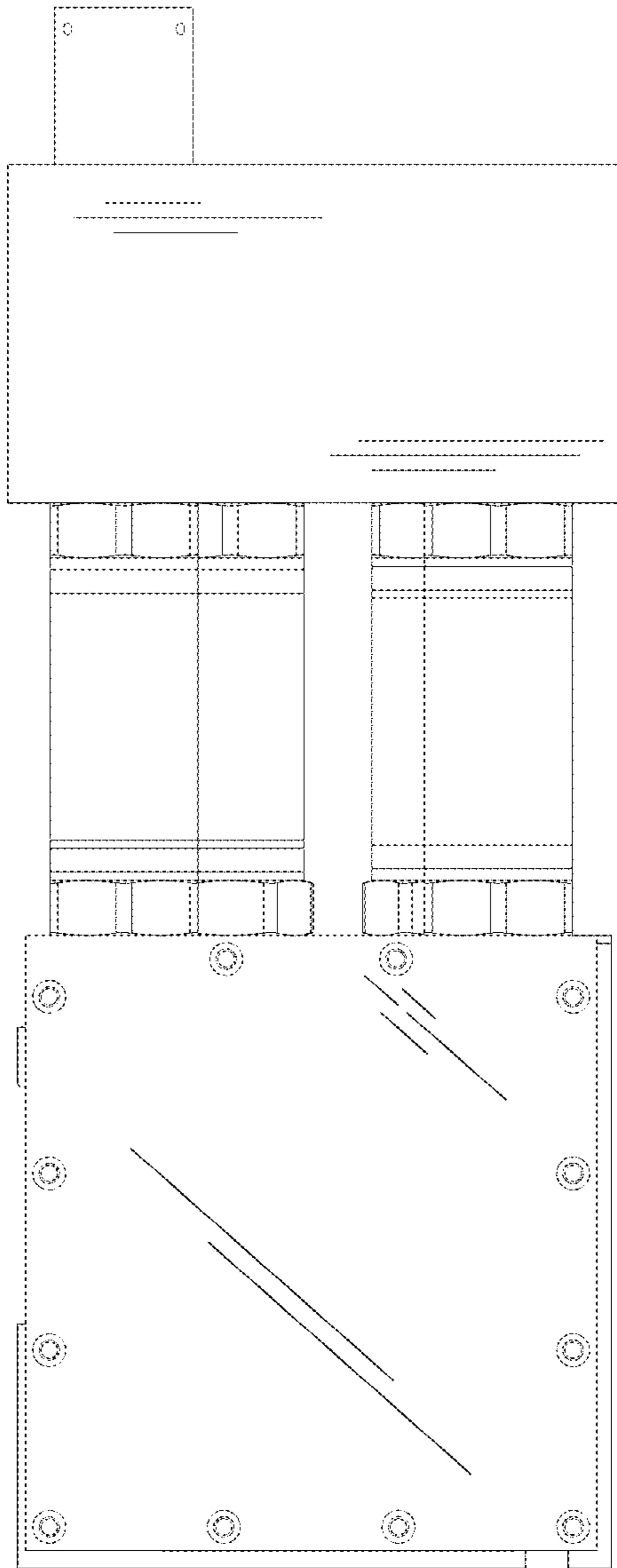


Fig. 3

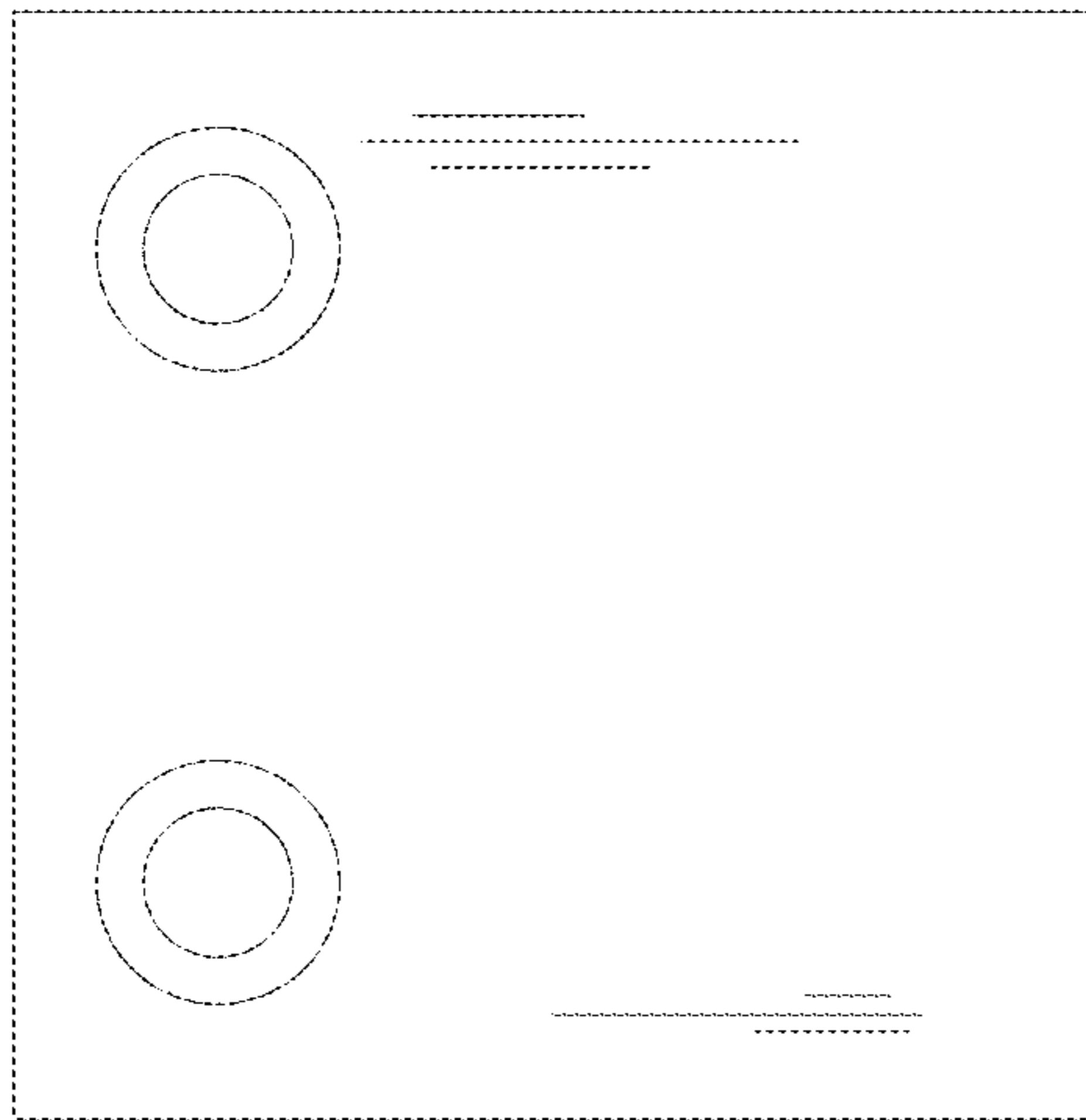


Fig. 4

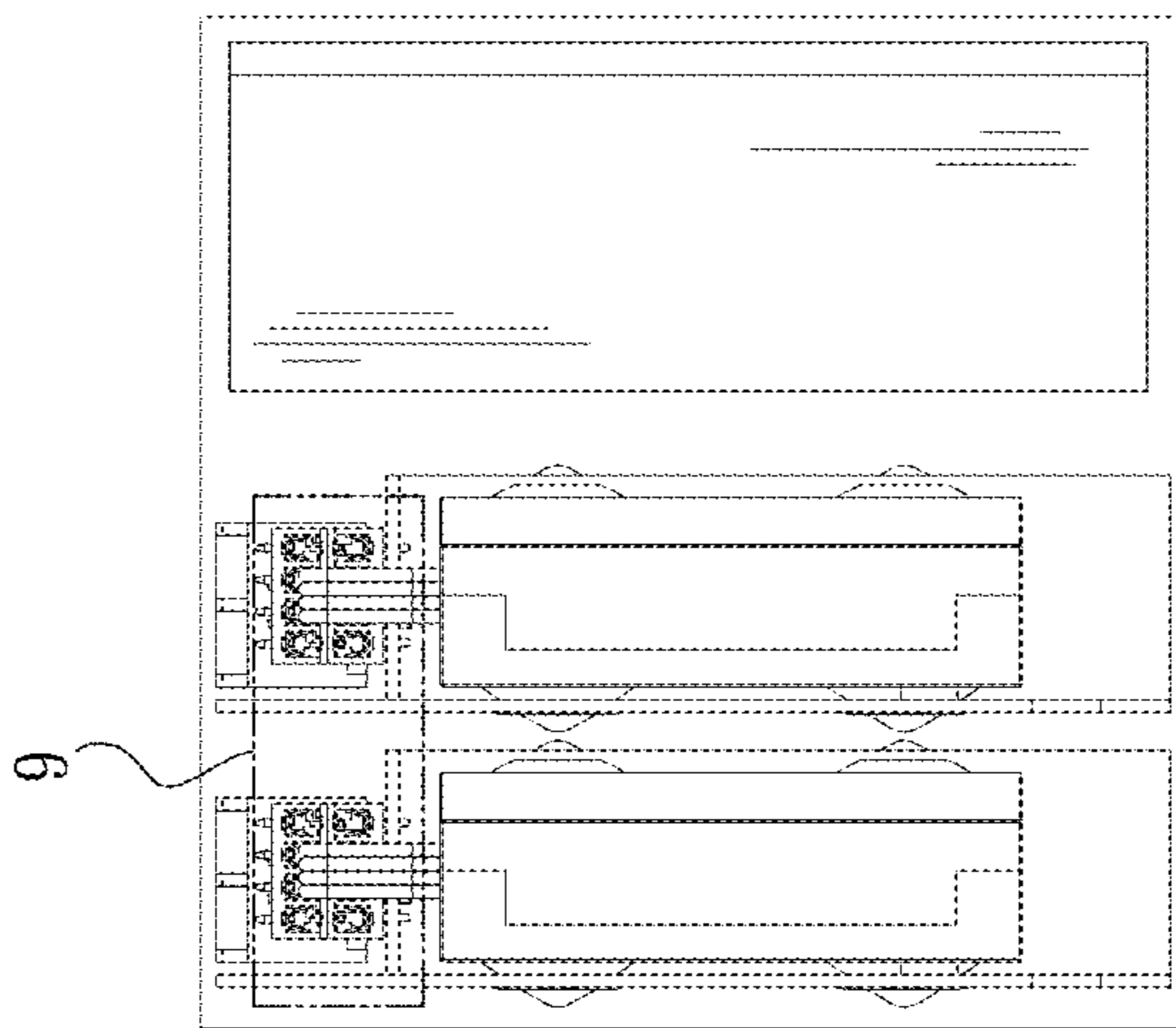


Fig. 5

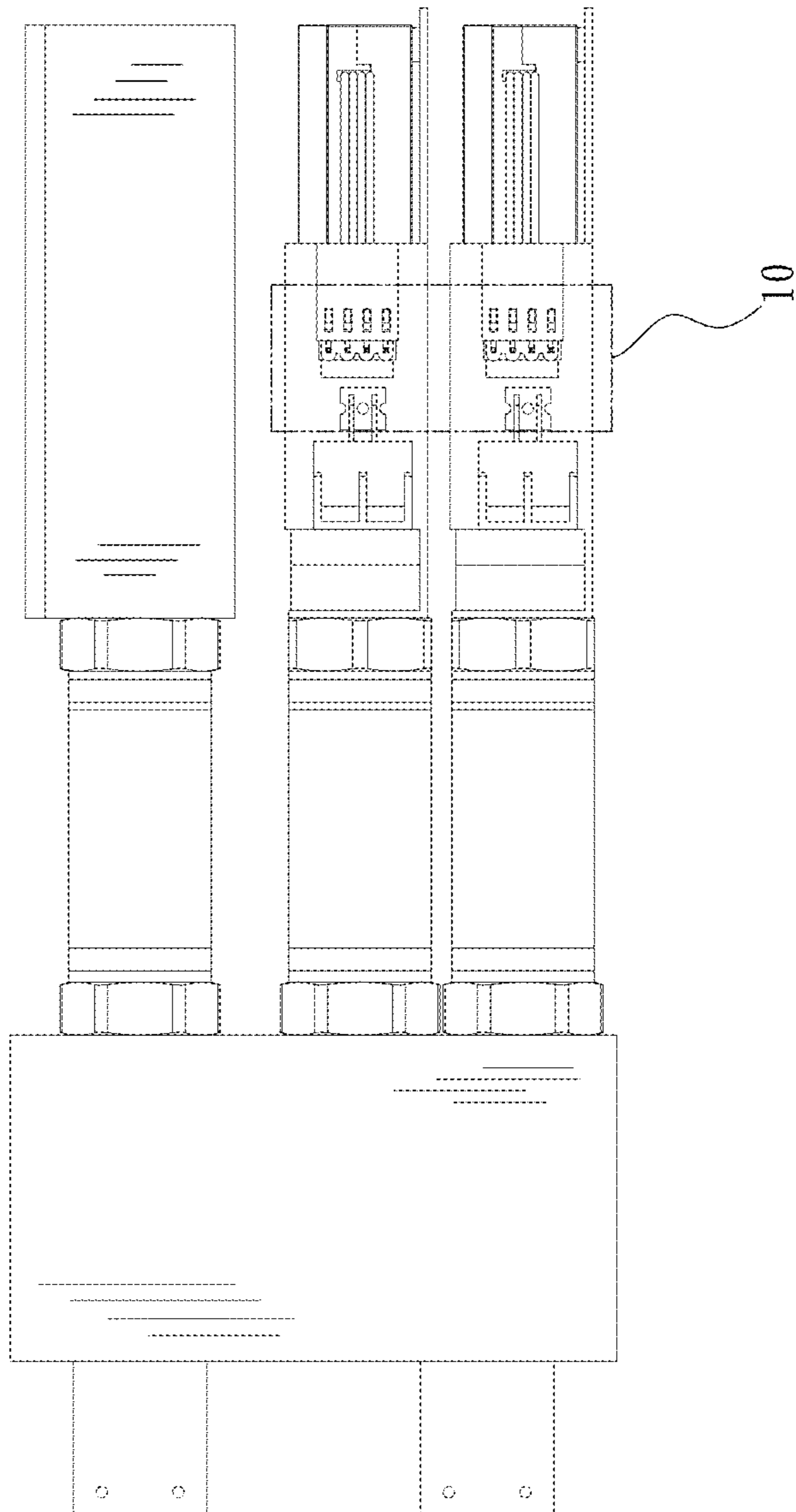


Fig. 6

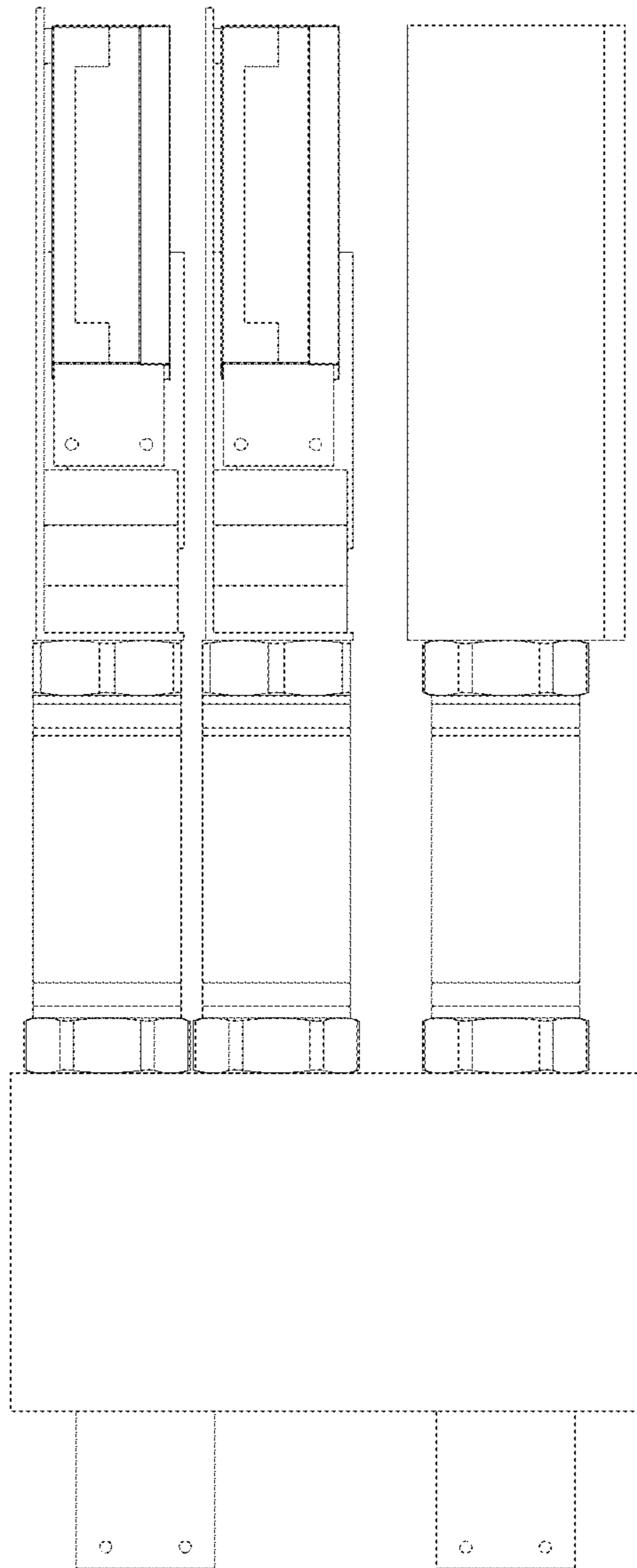


Fig. 7



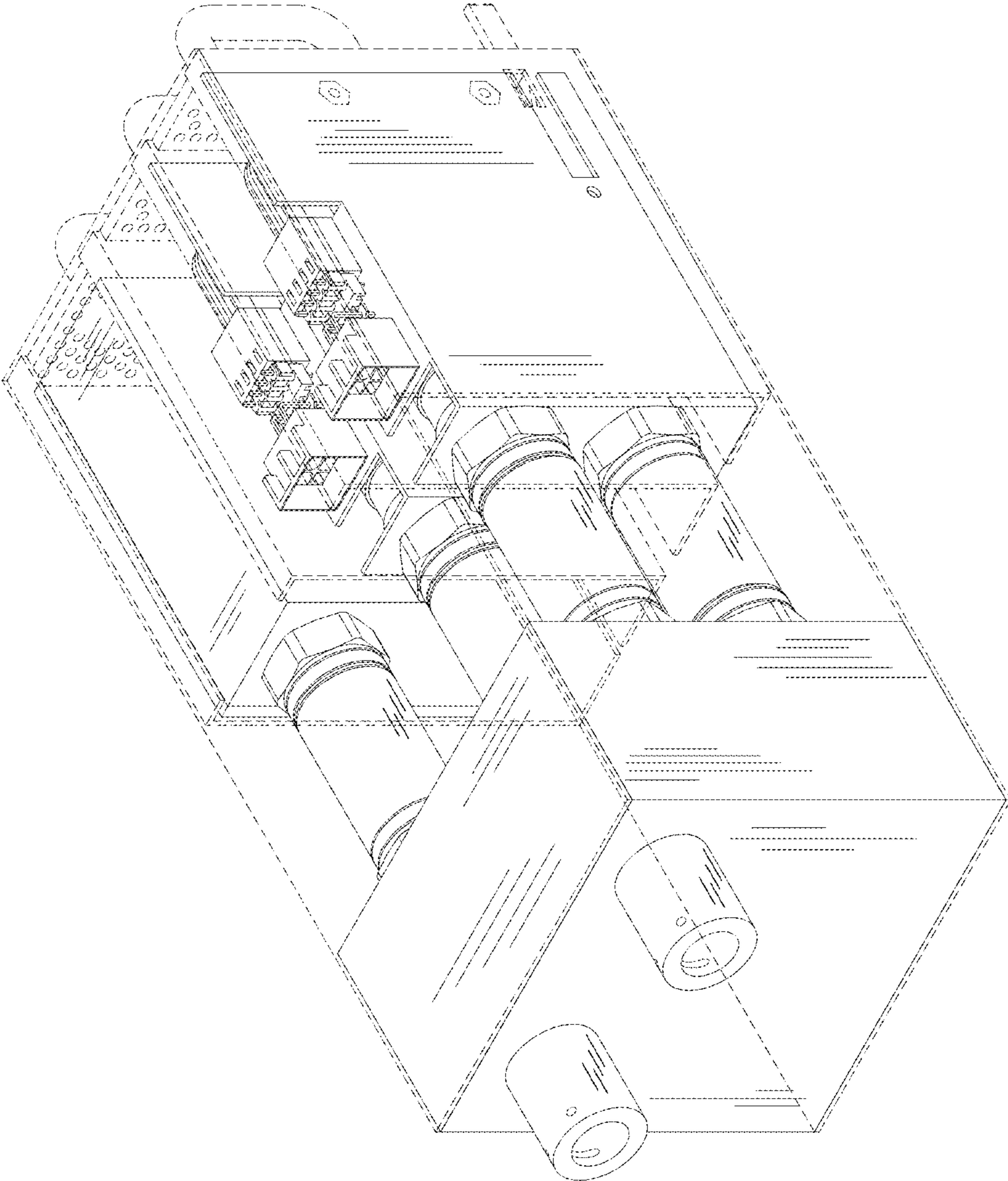


Fig. 8

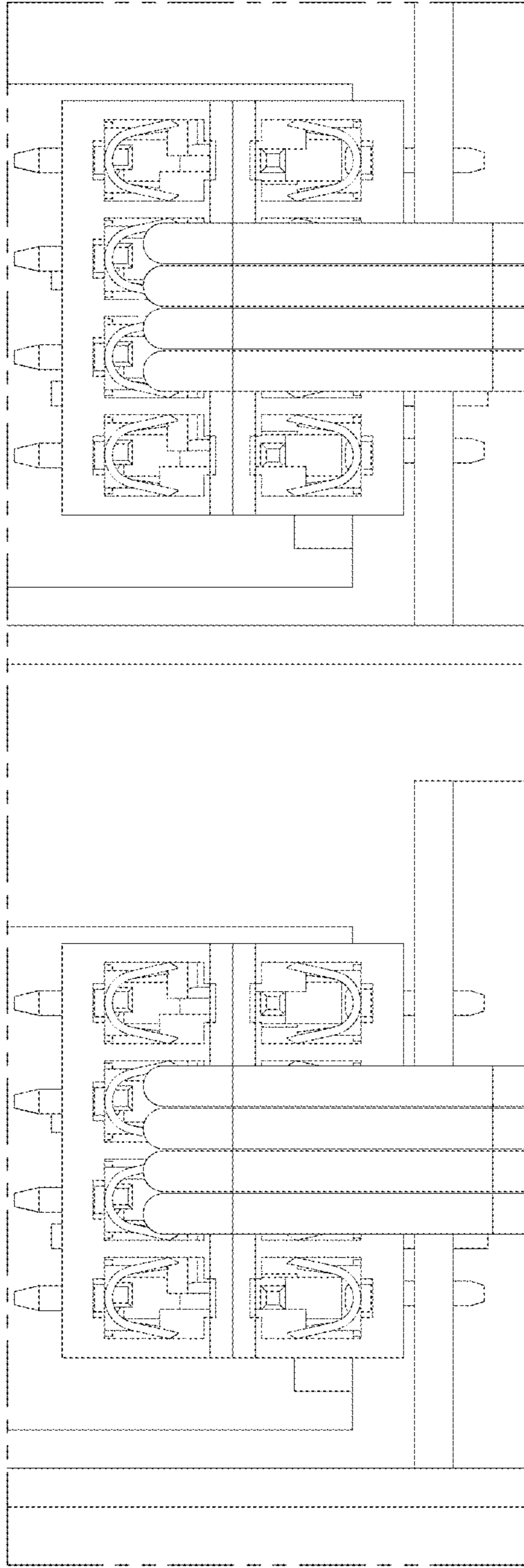


Fig. 9

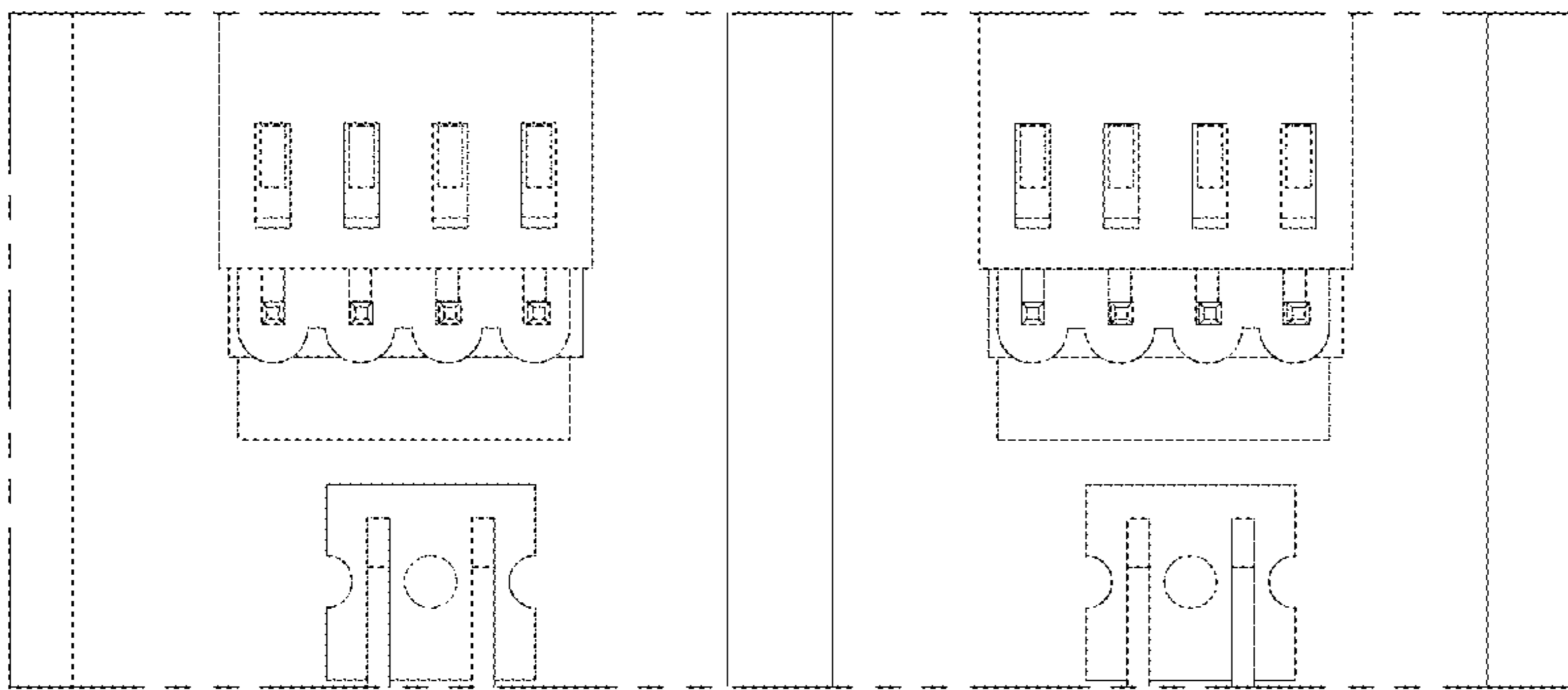


Fig. 10