



US00D724033S

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

(10) **Patent No.:** **US D724,033 S**  
(45) **Date of Patent:** **\*\* Mar. 10, 2015**

(54) **HEAT MEDIUM RELAY UNIT**

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- (73) Assignee: **Mitsubishi Electric Corporation**, Tokyo (JP)
- (\*\*) Term: **14 Years**
- (21) Appl. No.: **29/470,217**
- (22) Filed: **Oct. 18, 2013**

**Related U.S. Application Data**

- (62) Division of application No. 29/425,941, filed on Jun. 28, 2012, now Pat. No. Des. 700,581.

(30) **Foreign Application Priority Data**

Apr. 11, 2012	(JP)	.....	2012-008484
Apr. 11, 2012	(JP)	.....	2012-008485
Apr. 11, 2012	(JP)	.....	2012-008486
Apr. 11, 2012	(JP)	.....	2012-008487

(51) **LOC (10) Cl.** ..... **13-03**

(52) **U.S. Cl.**  
USPC ..... **D13/159**

(58) **Field of Classification Search**

CPC ..... H01H 13/705; H01H 13/88; H01H 2011/0087; H01H 2205/016; H01H 2221/05; H01H 2227/016; H01H 2227/026; H01H 2229/02; H01H 2229/036; H01H 13/04; H01H 13/48; H01H 1/58; H01T 13/34; H02H 9/02

USPC ..... D13/110, 123, 146, 147, 151, 153, 154, D13/158-164, 171, 174, 184, 199; D14/240, 356-358, 434; 200/43.14, 200/50.01, 50.21-50.23; 439/532, 536, 439/540.1, 541.5, 613, 614, 884, 894, 895; 361/42, 44, 50, 71, 115, 608, 622, 627, 361/628, 634, 690

See application file for complete search history.

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*Assistant Examiner* — Shawn T Gingrich

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(57) **CLAIM**

The ornamental design for a heat medium relay unit, as shown and described.

**DESCRIPTION**

FIG. 1 is a front, top and right side perspective view of a heat medium relay unit, showing an embodiment of our new design;

FIG. 2 is a rear, top and left side 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;

FIG. 8 is a bottom plan view thereof;

FIG. 9 is a front, top and right side perspective view of a heat medium relay unit, showing a second embodiment of our design;

FIG. 10 is a rear, top and left side perspective view thereof;

FIG. 11 is a front elevation view thereof;

FIG. 12 is a rear elevation view thereof;

FIG. 13 is a left side elevation view thereof;

FIG. 14 is a right side elevation view thereof;

FIG. 15 is a top plan view thereof;

FIG. 16 is a bottom plan view thereof;

FIG. 17 is a front, top and right side perspective view of a heat medium relay unit, showing a third embodiment of our design;

FIG. 18 is a rear, top and left side perspective view thereof;

FIG. 19 is a front elevation view thereof;

FIG. 20 is a rear elevation view thereof;

FIG. 21 is a left side elevation view thereof;

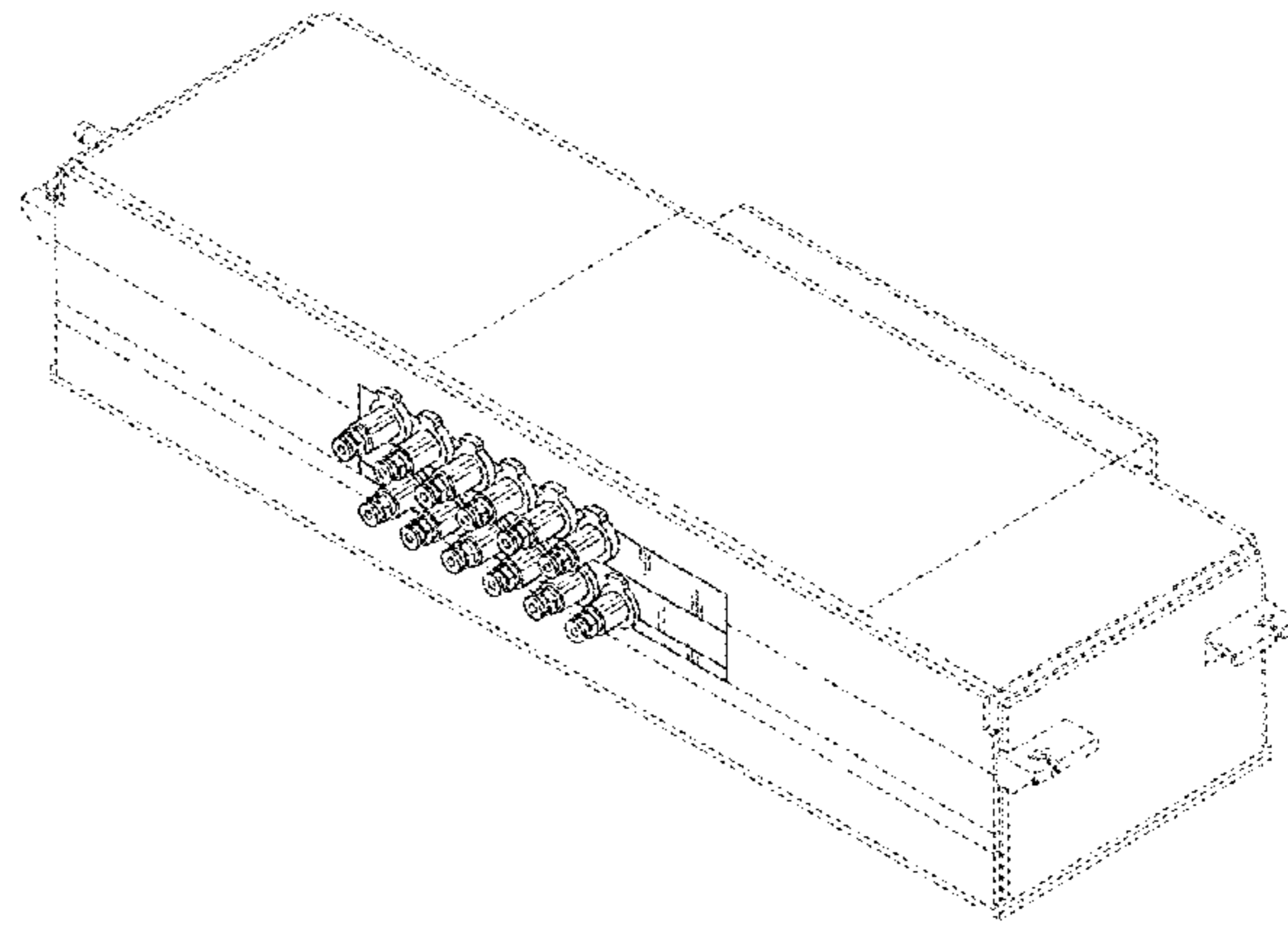
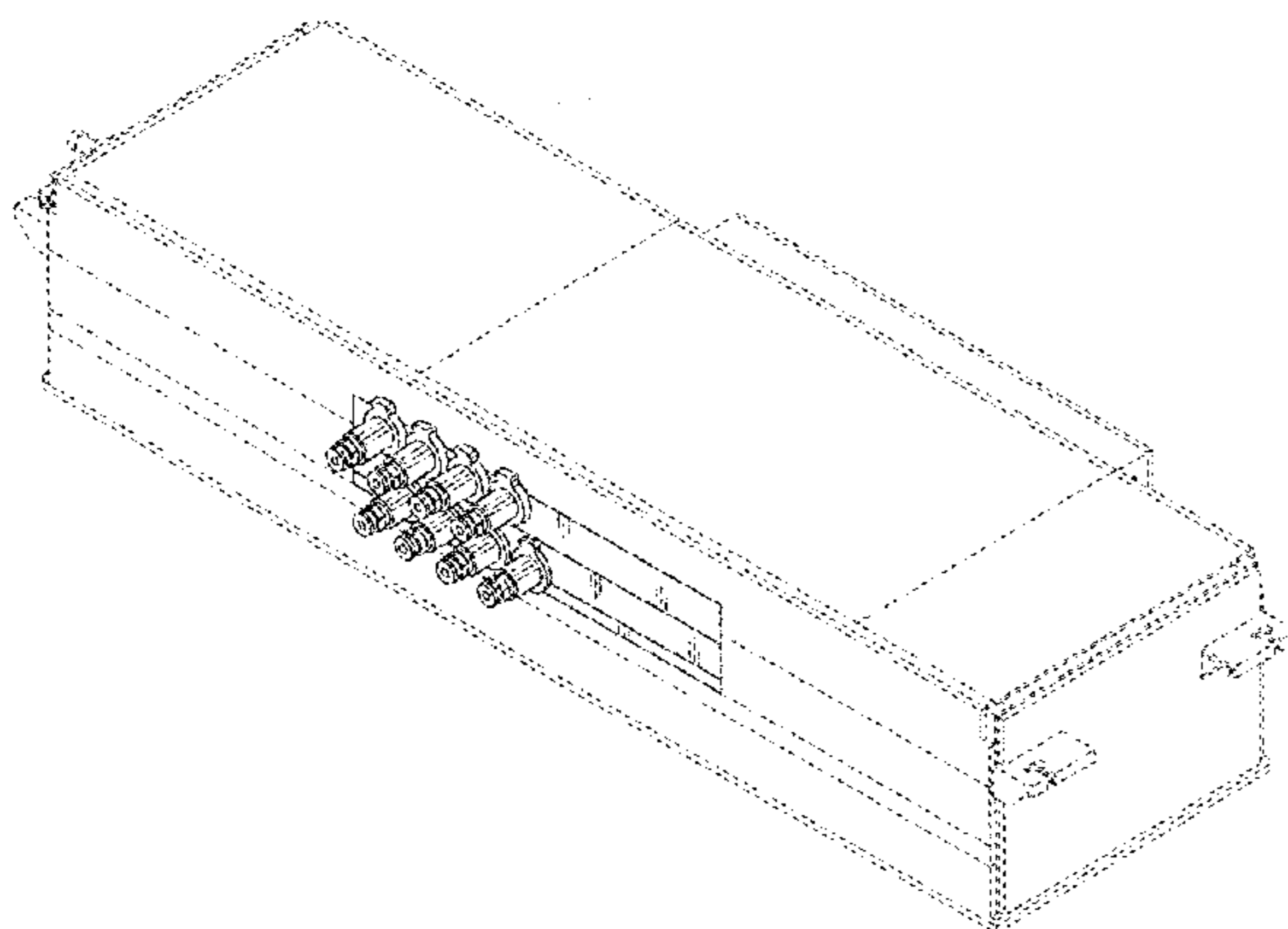
FIG. 22 is a right side elevation view thereof;

FIG. 23 is a top plan view thereof; and,

FIG. 24 is a bottom plan view thereof.

The broken lines in all views show unclaimed subject matter only and form no part of the claimed design.

**1 Claim, 18 Drawing Sheets**



(56)

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Fig. 1

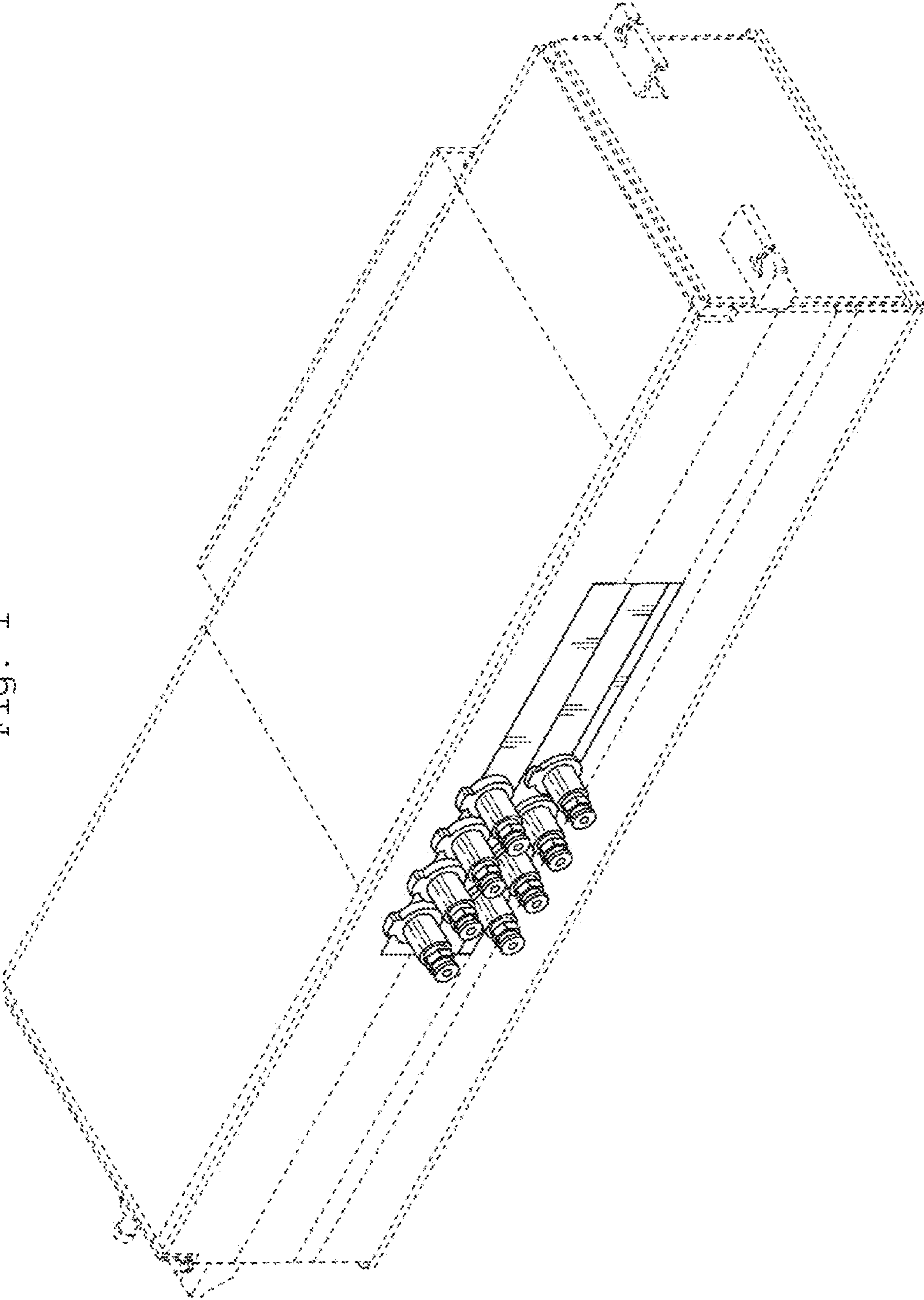


Fig. 2

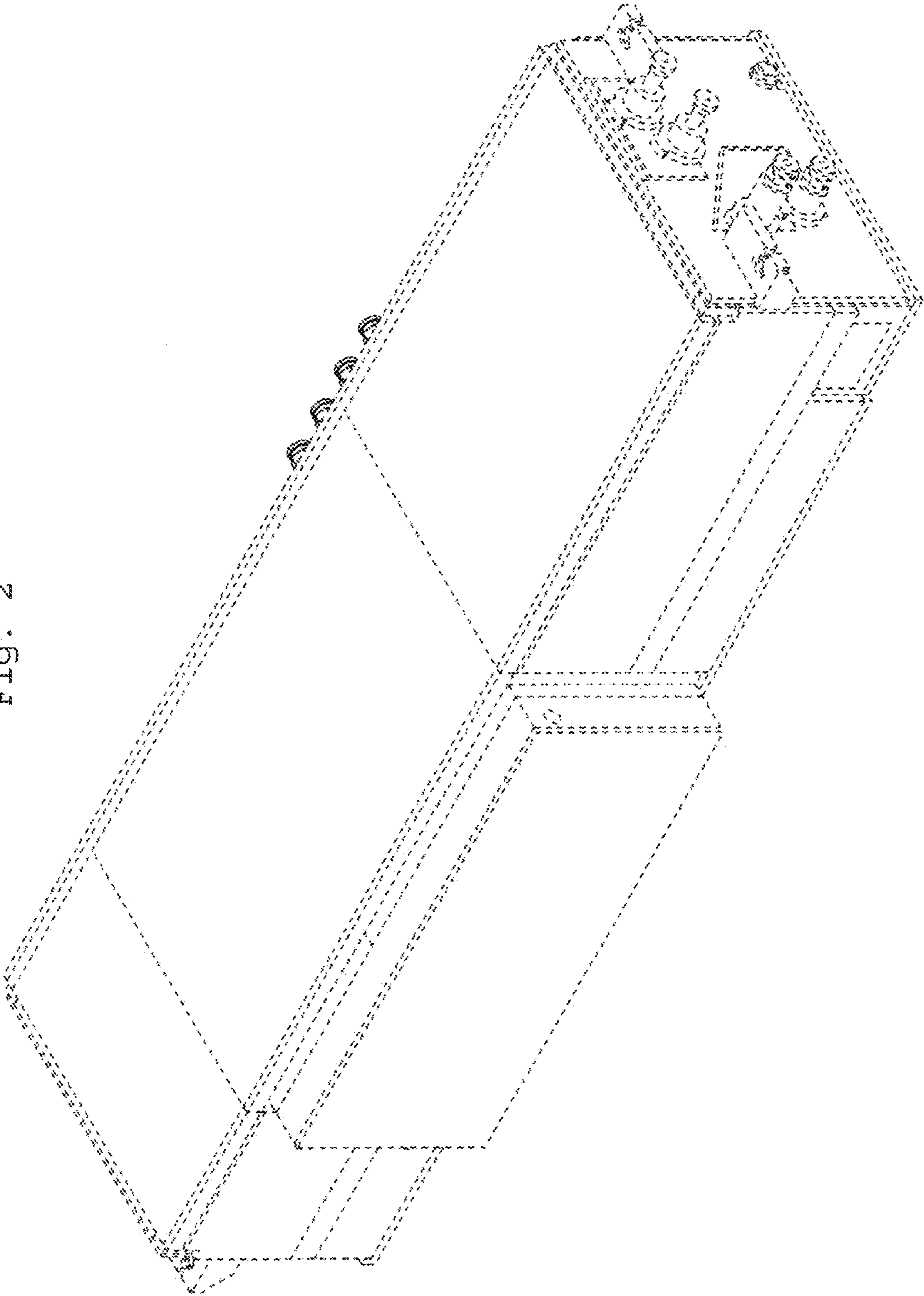




Fig. 3

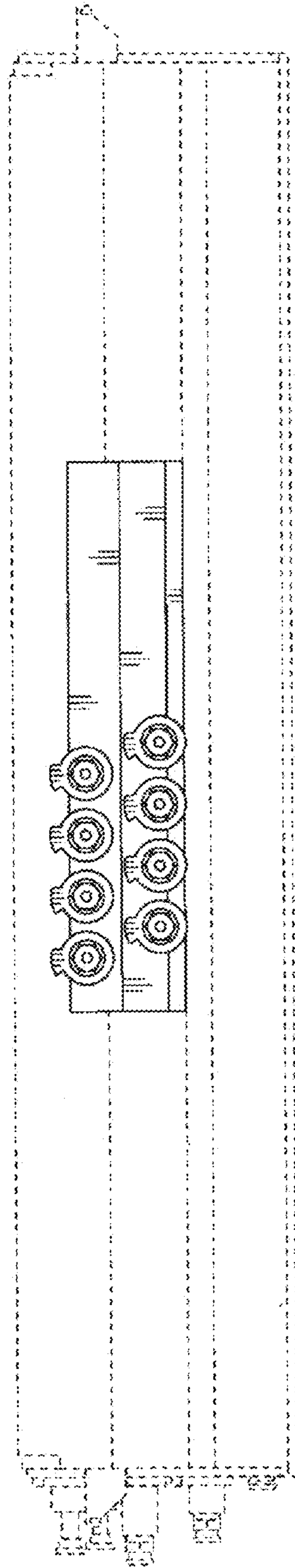


Fig. 4

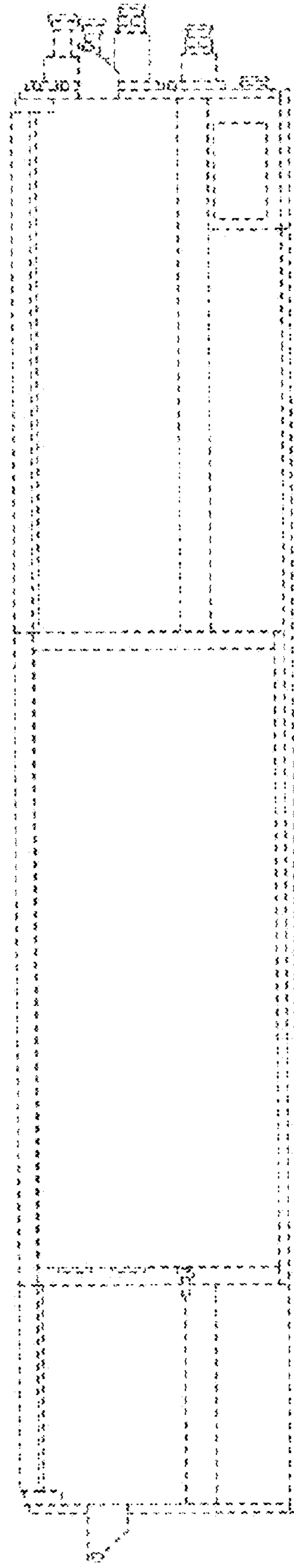


Fig. 6

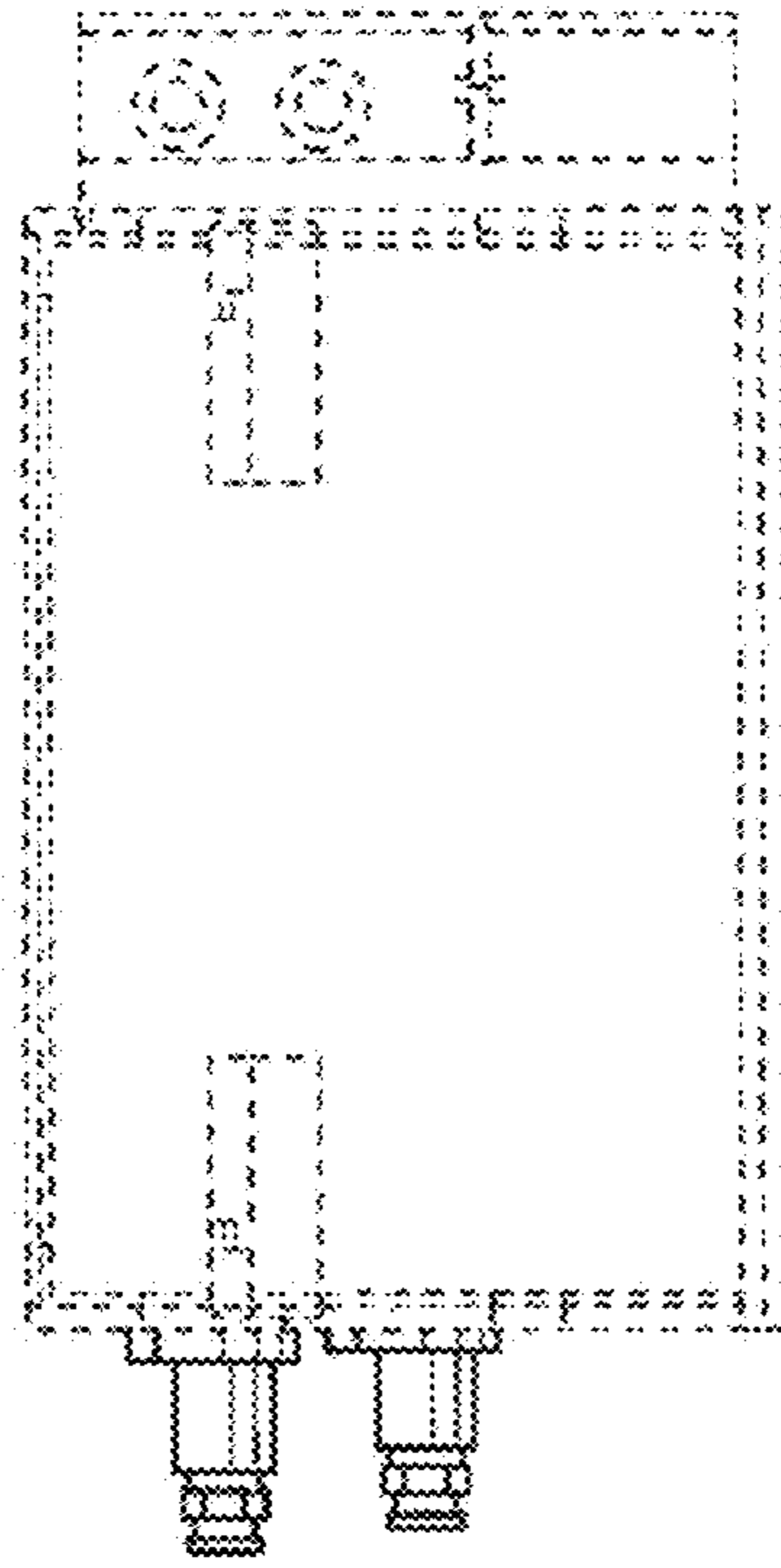


Fig. 5

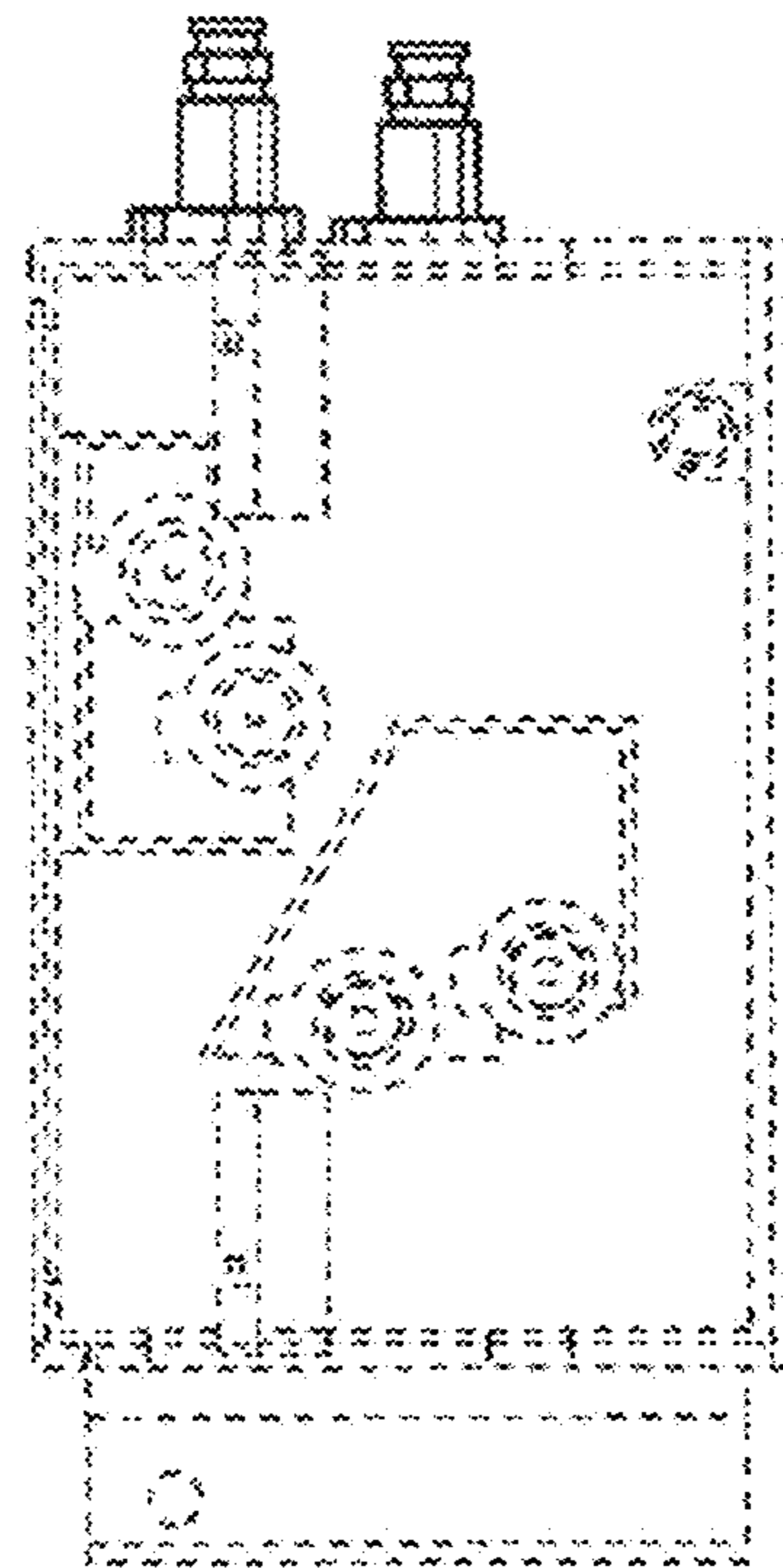


Fig. 7

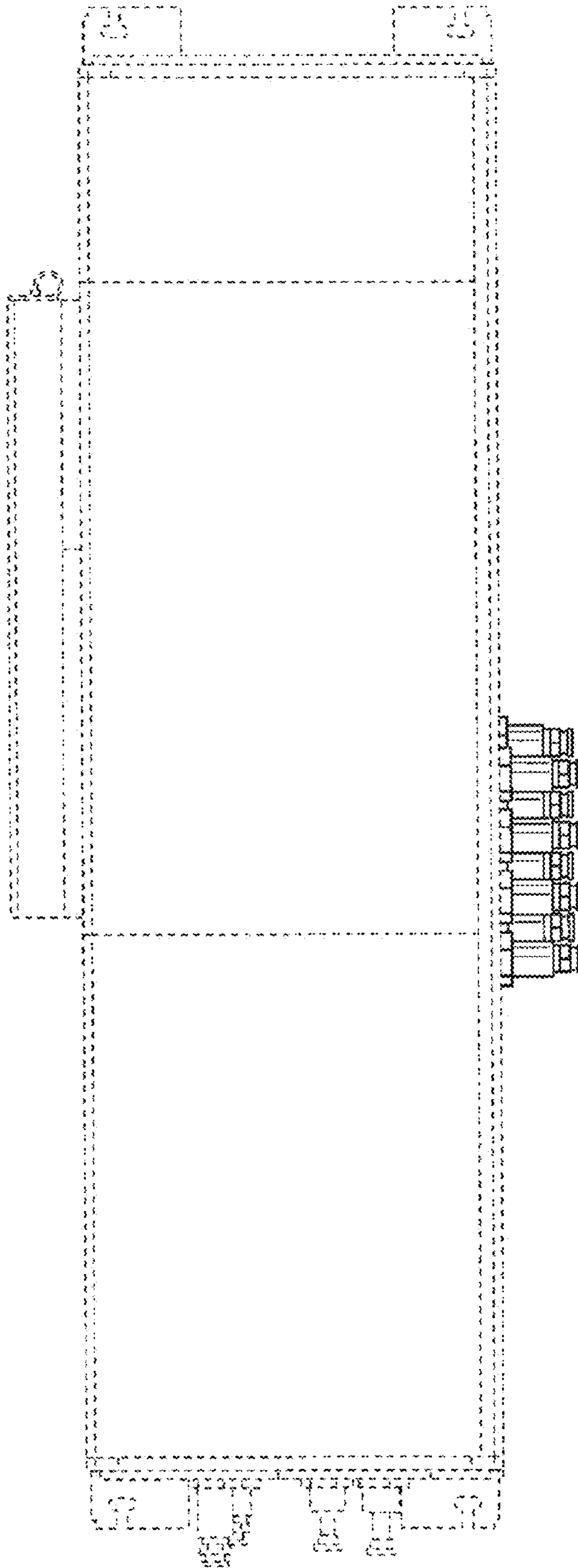


Fig. 8

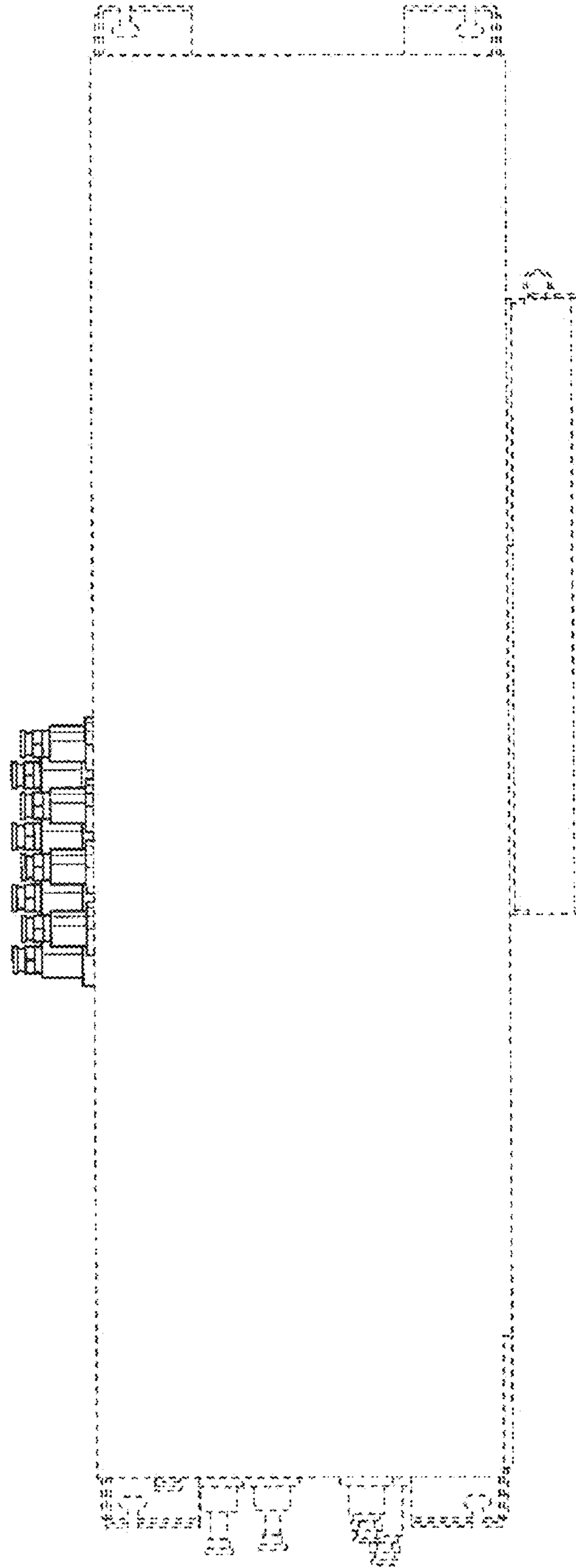




Fig. 9

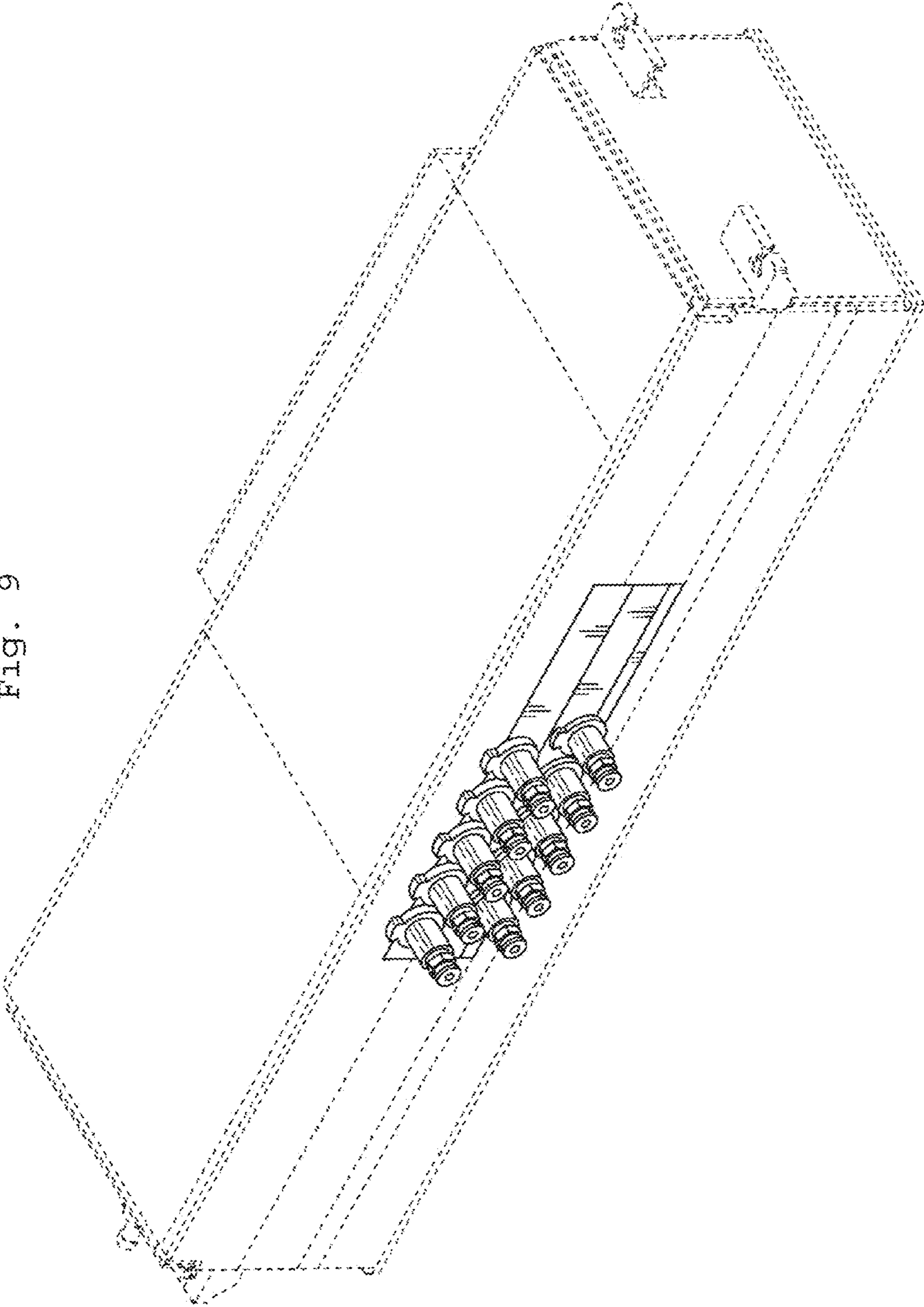


Fig. 10

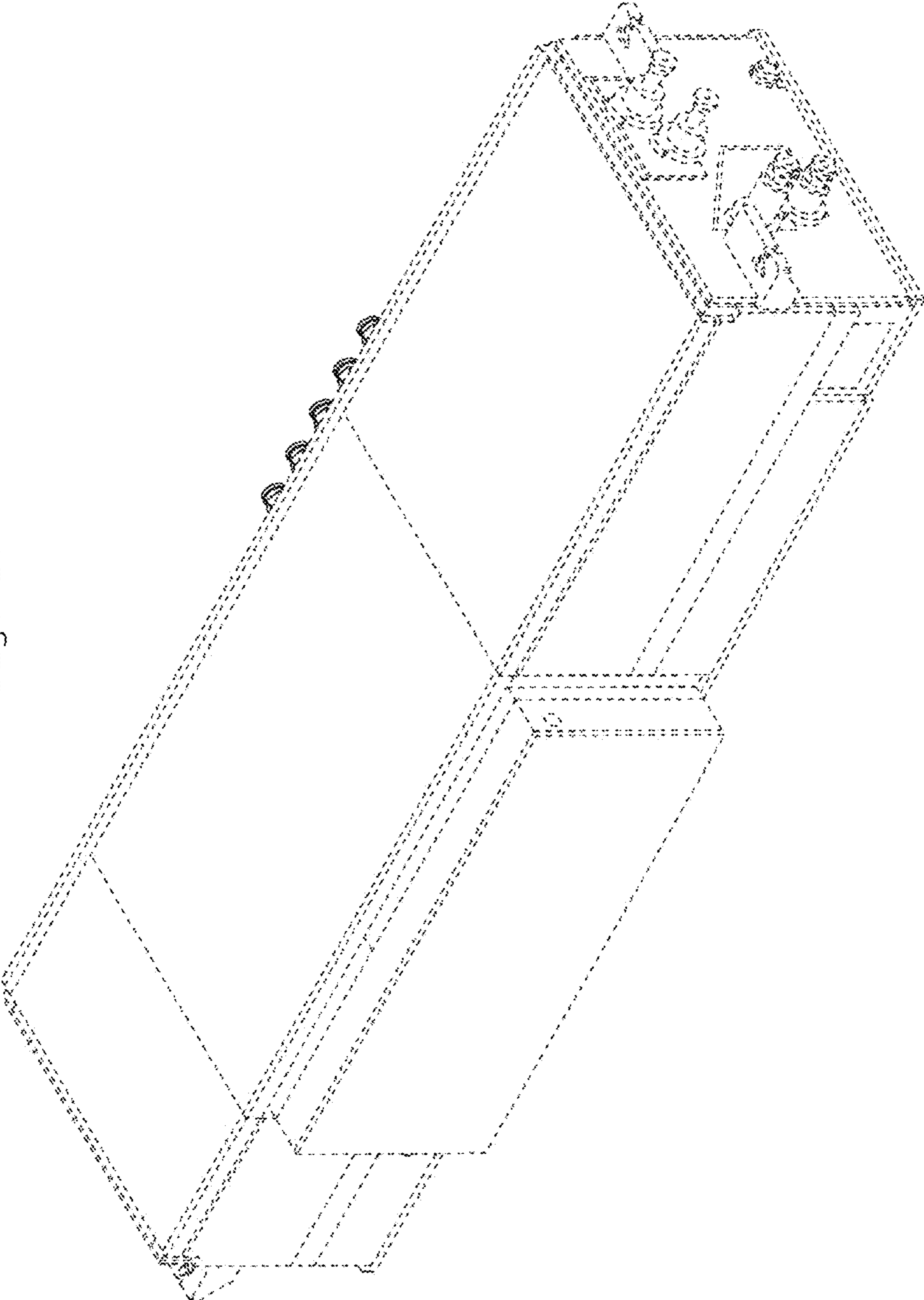


Fig. 11

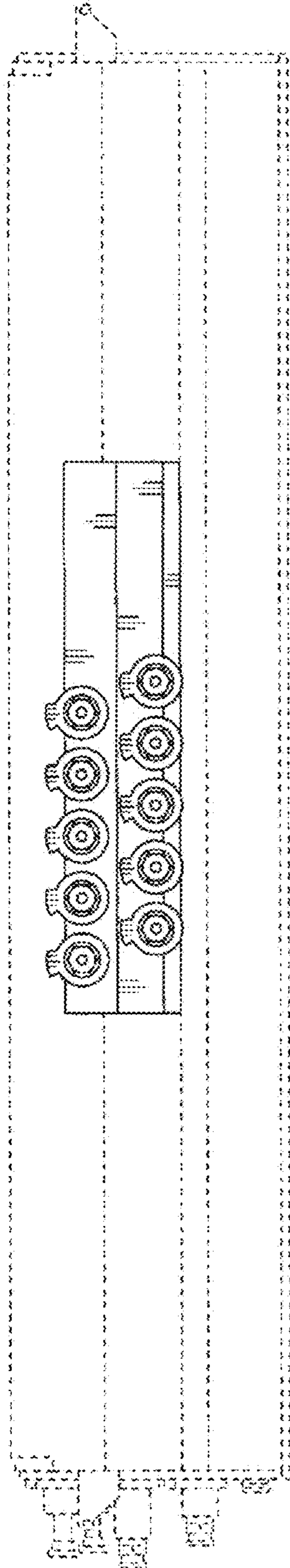


Fig. 12

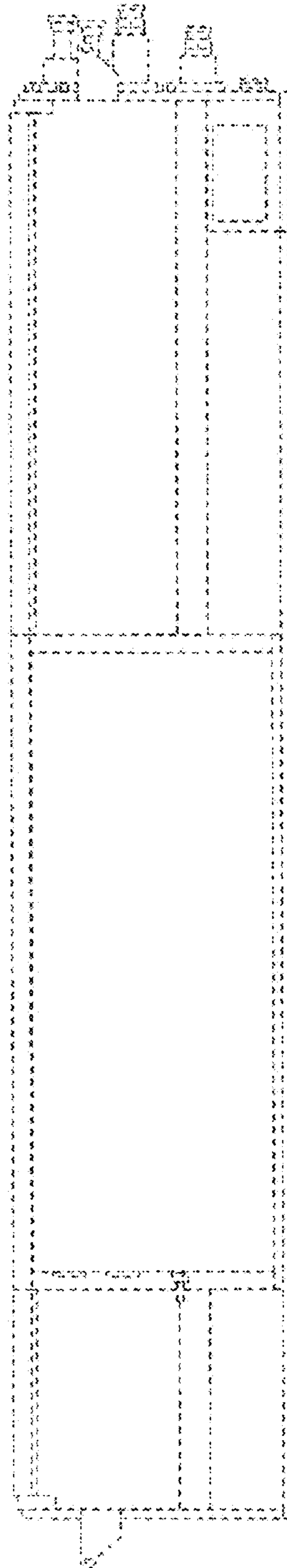


Fig. 14

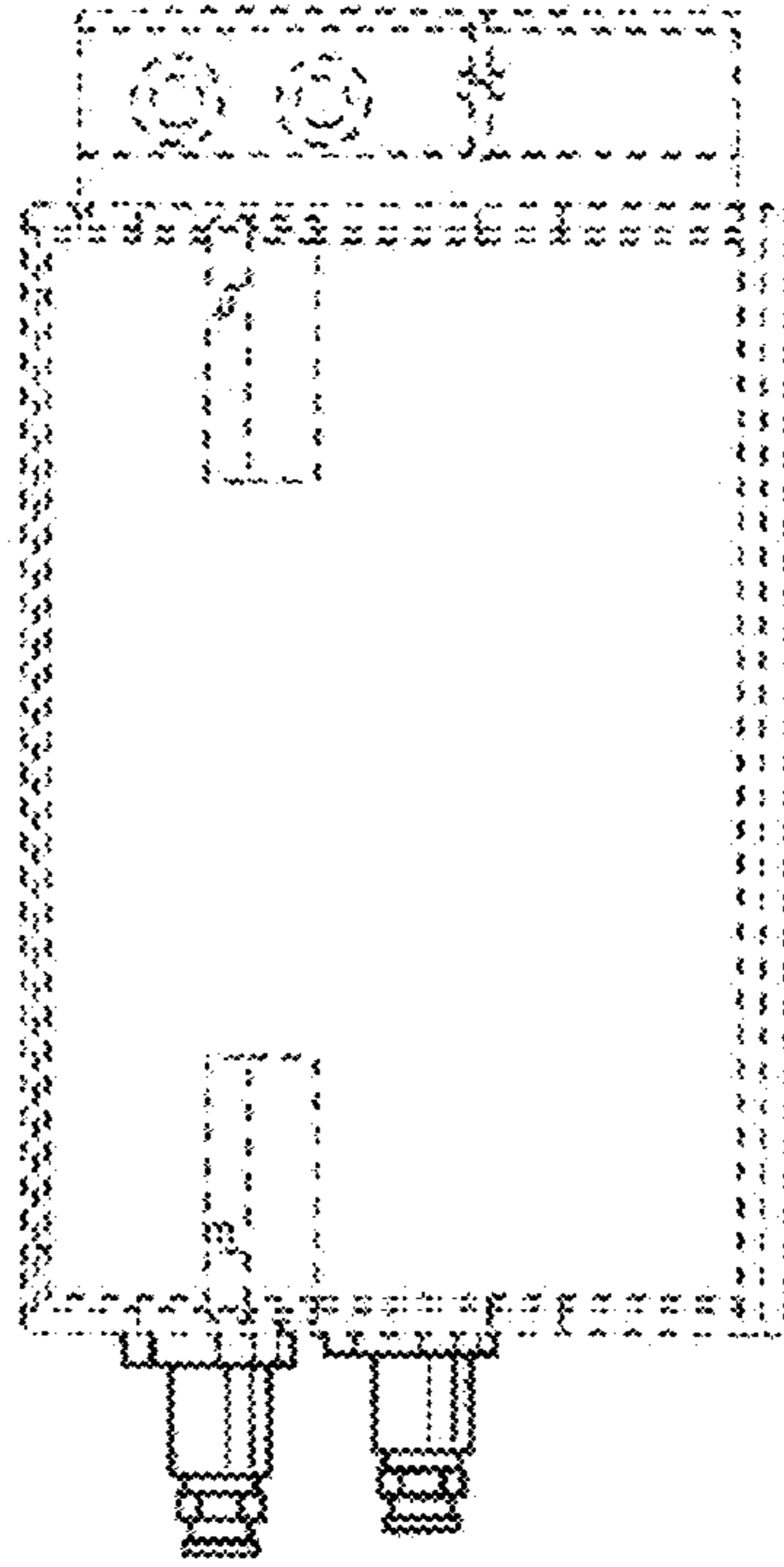


Fig. 13

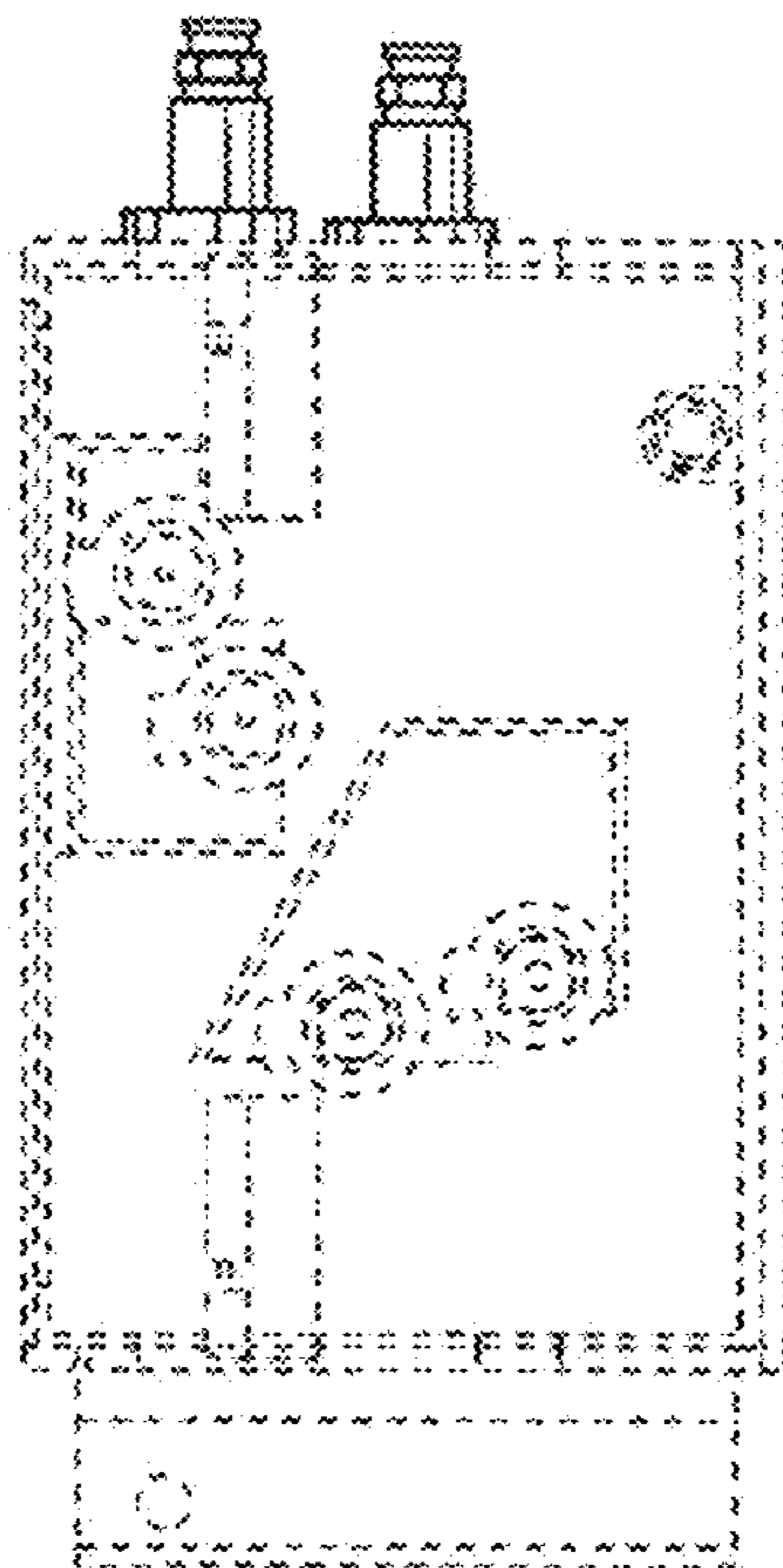




Fig. 15

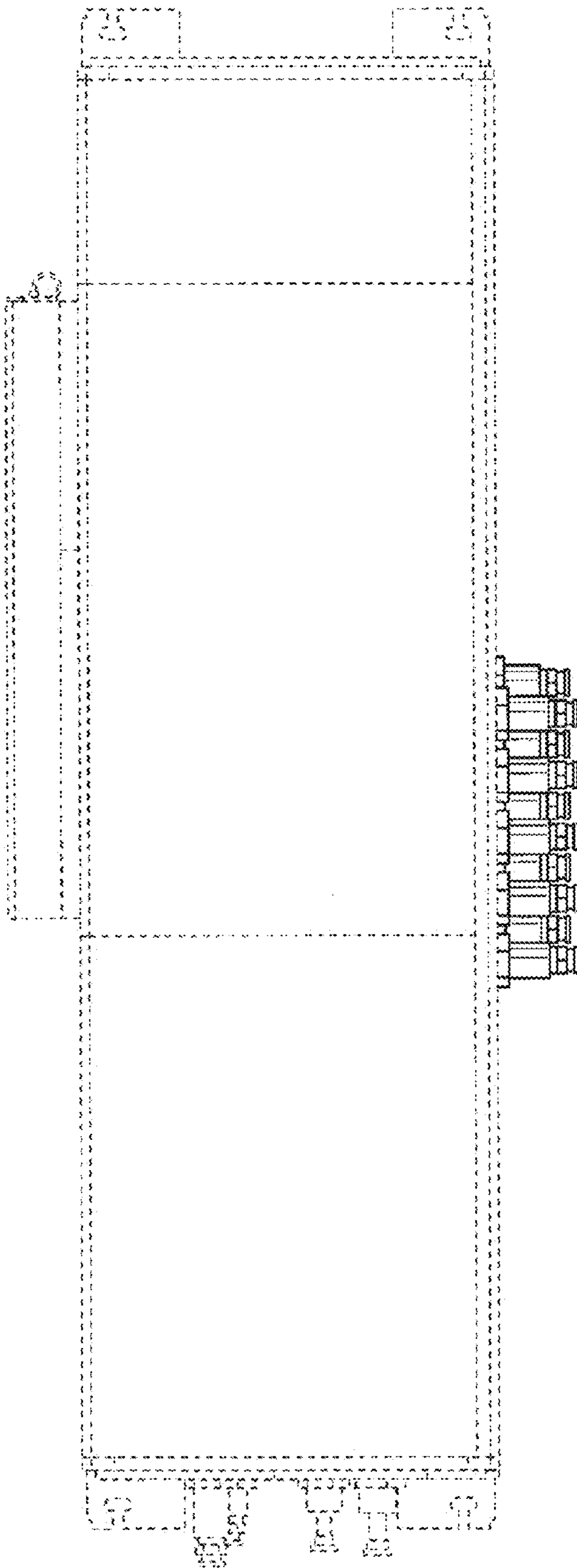


Fig. 16

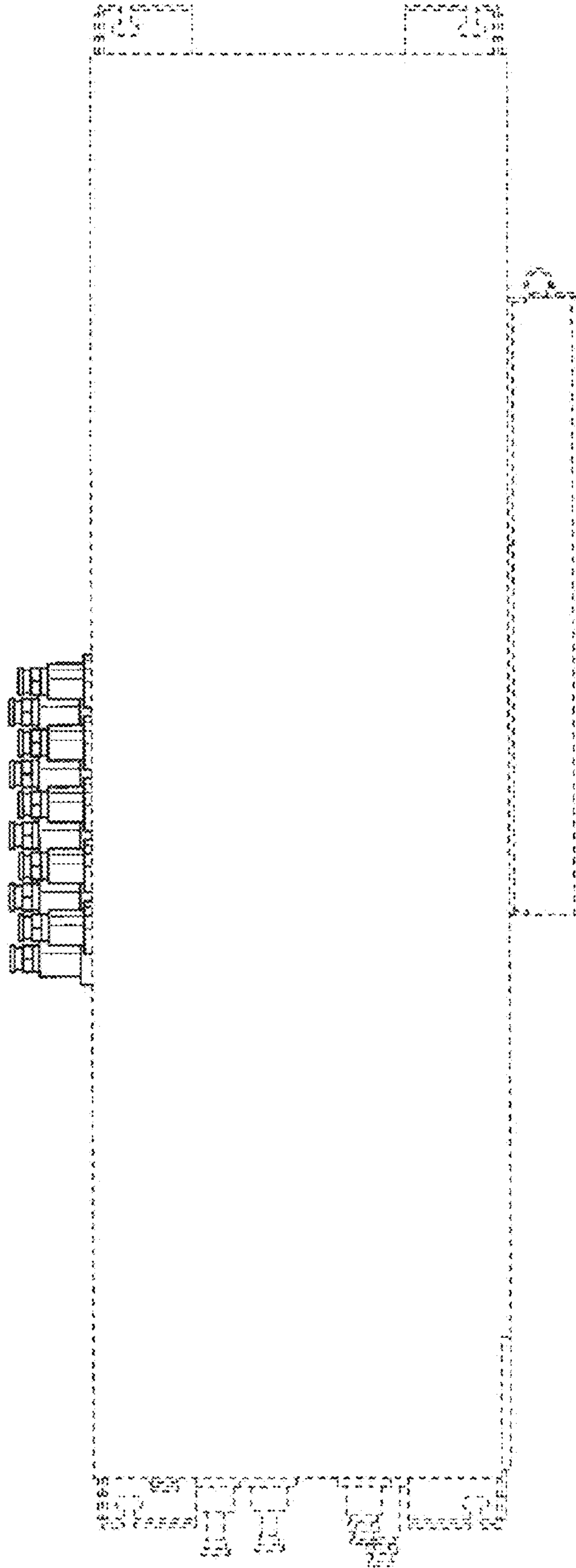


Fig. 17

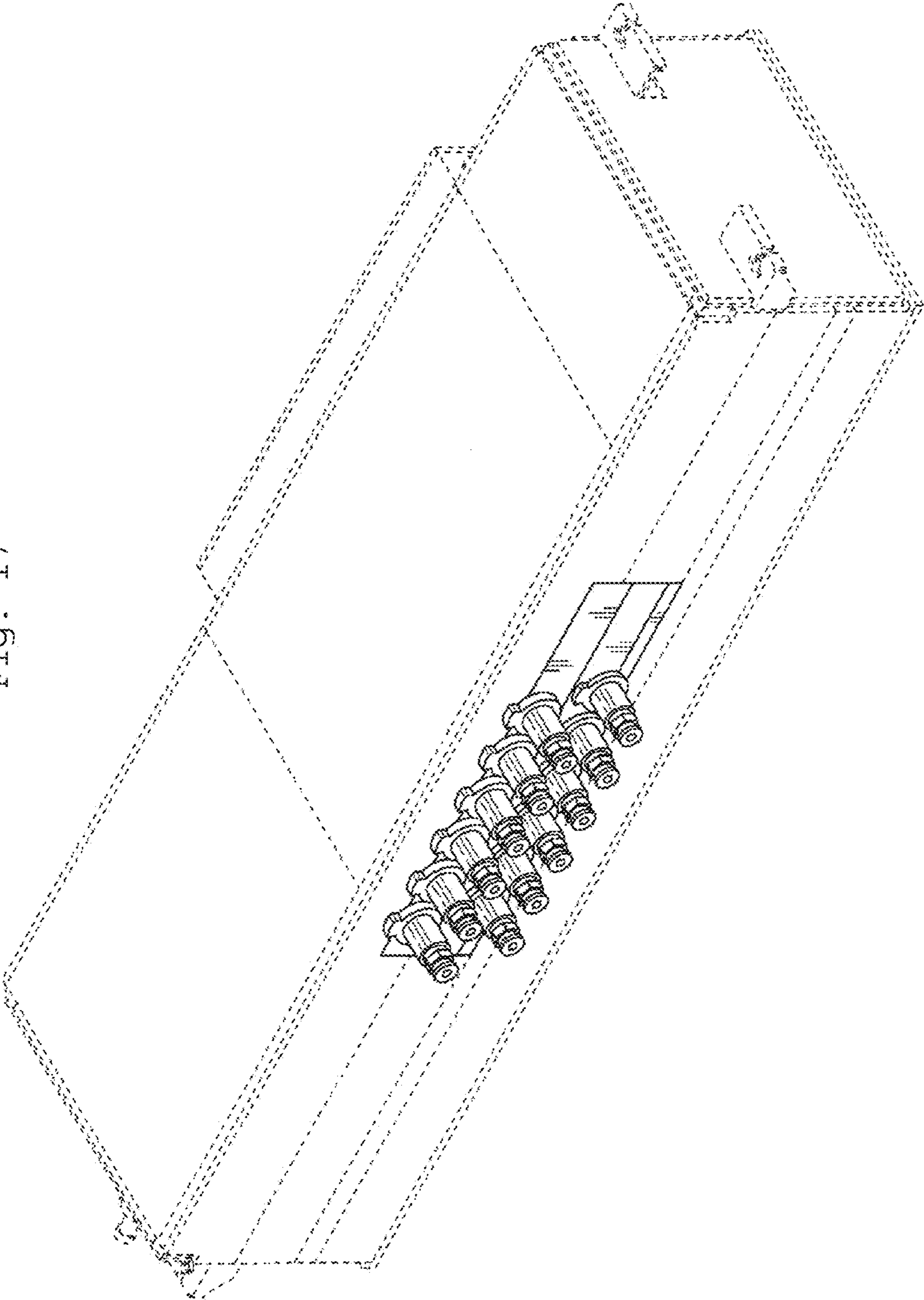


Fig. 18

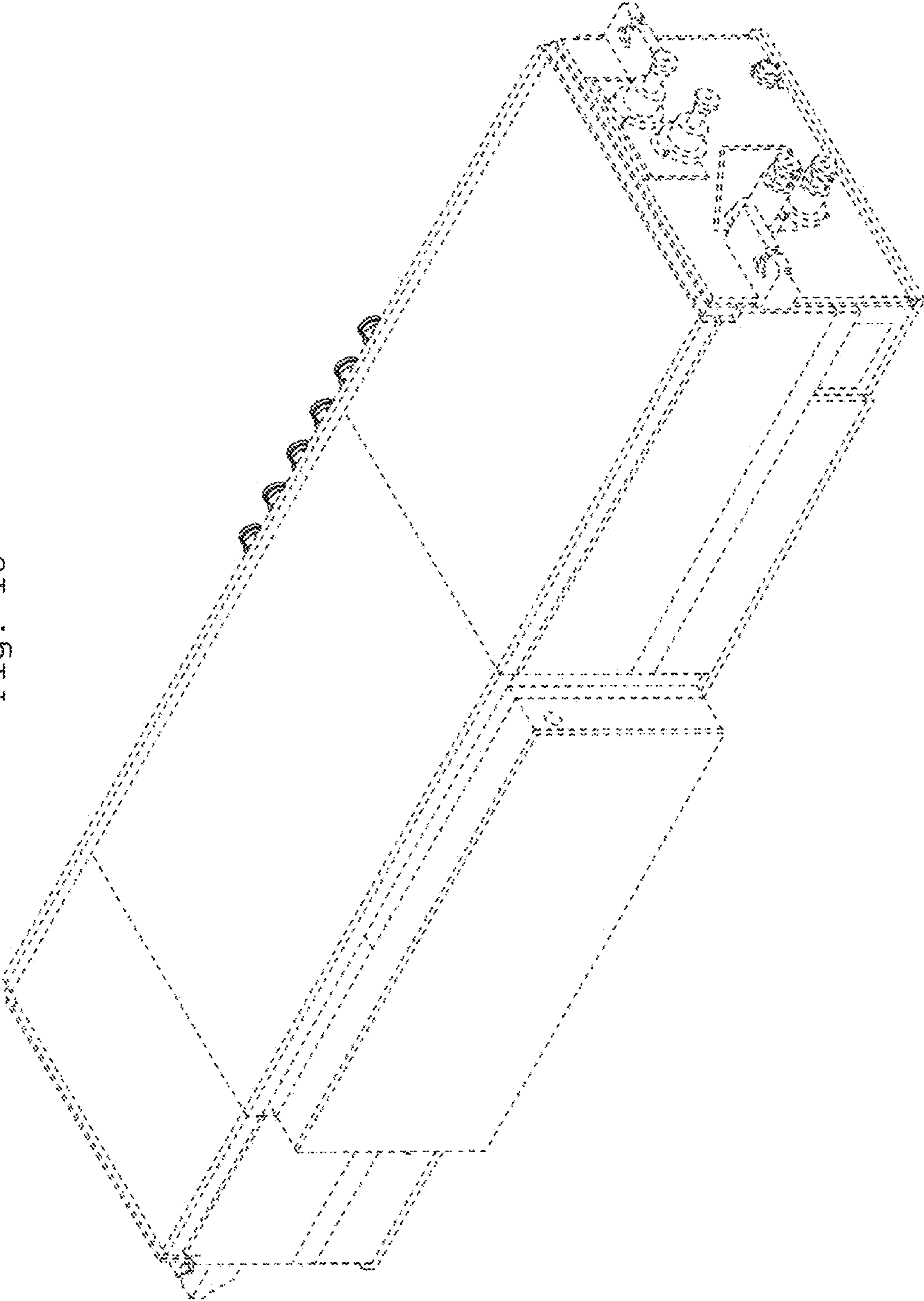




Fig. 19

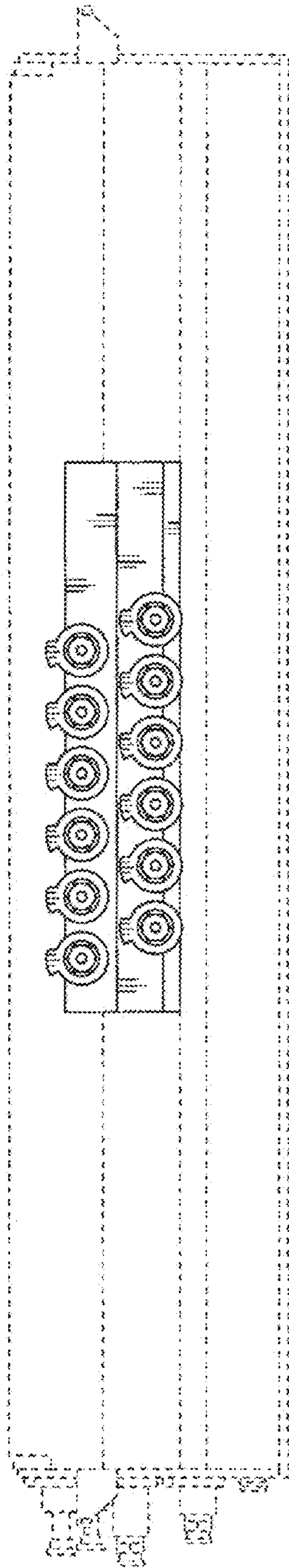


Fig. 20

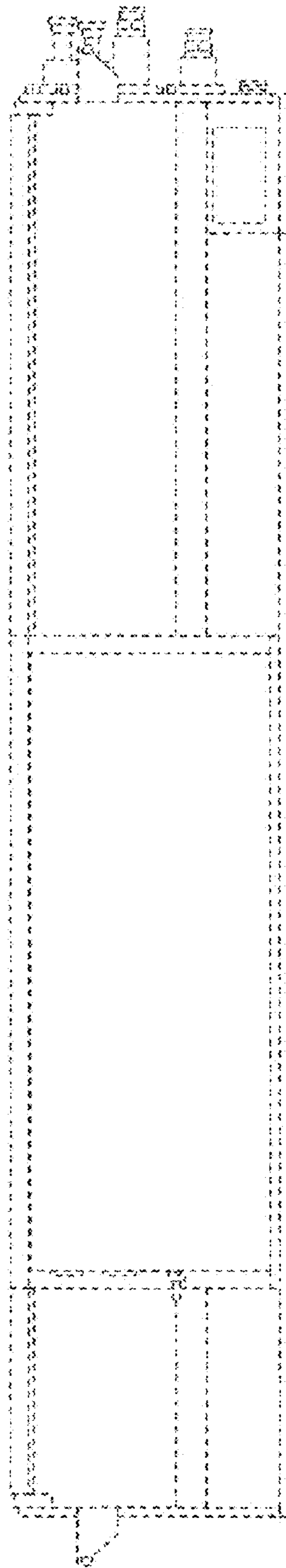


Fig. 22

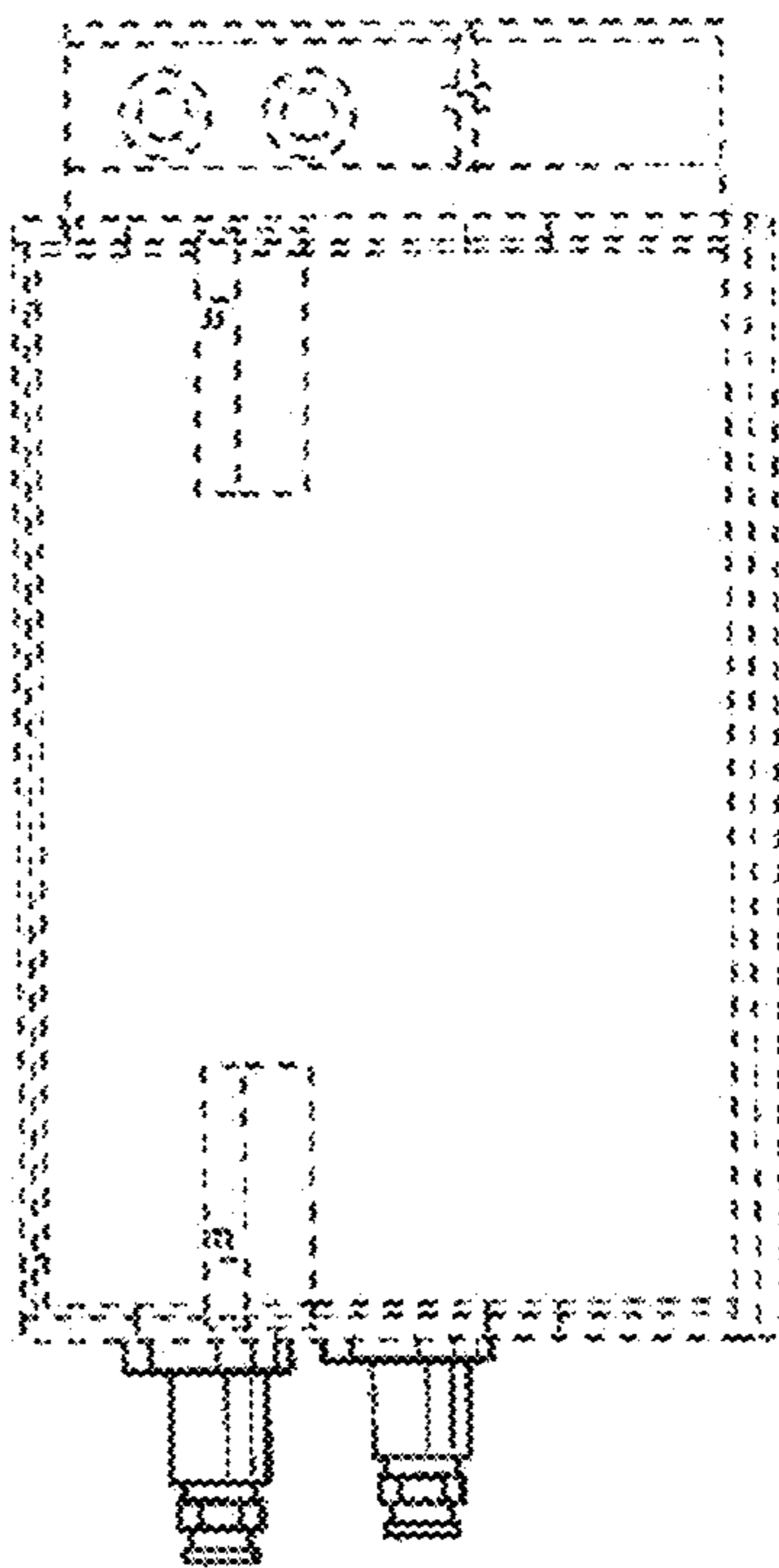


Fig. 21

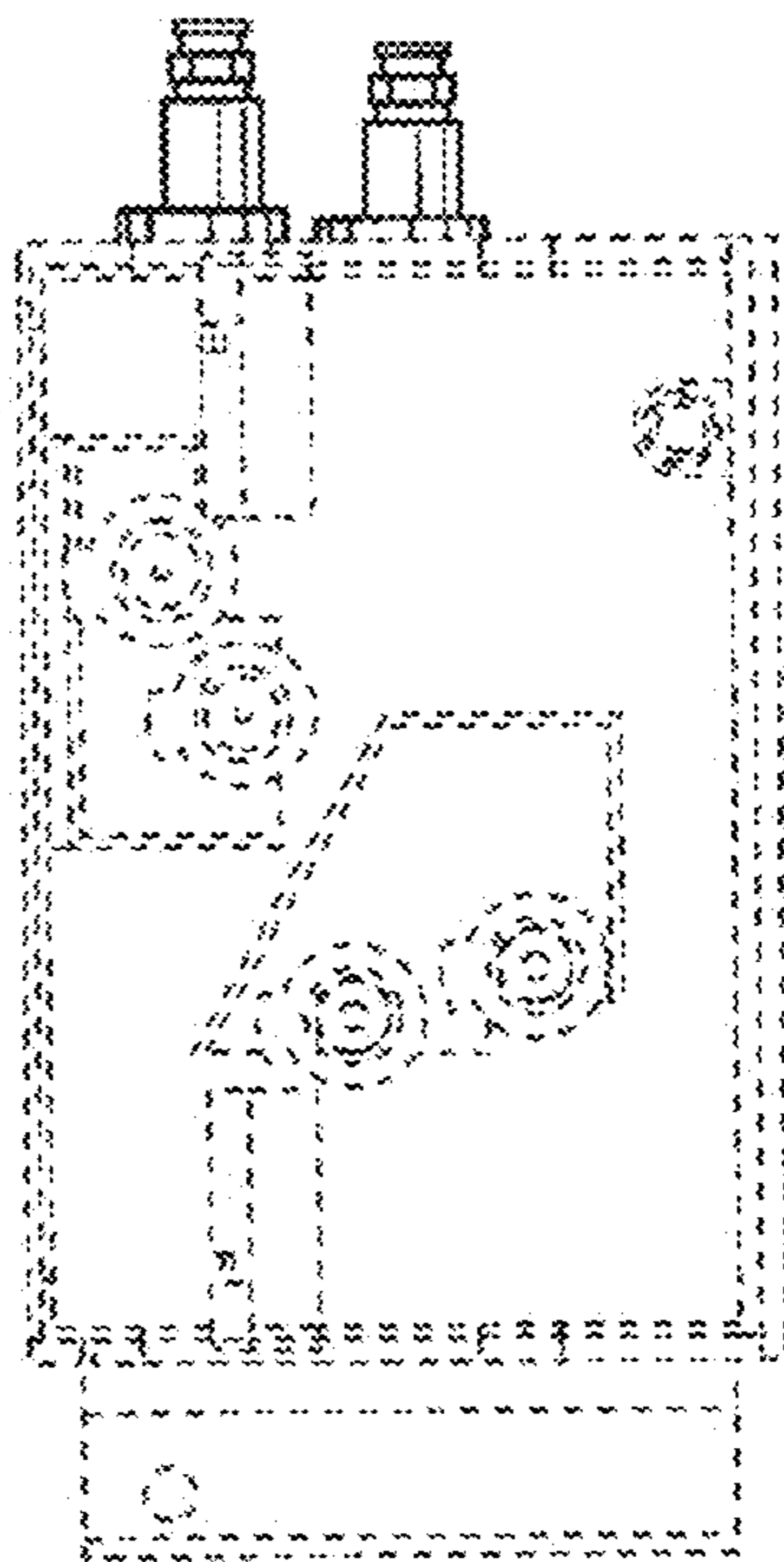


Fig. 23

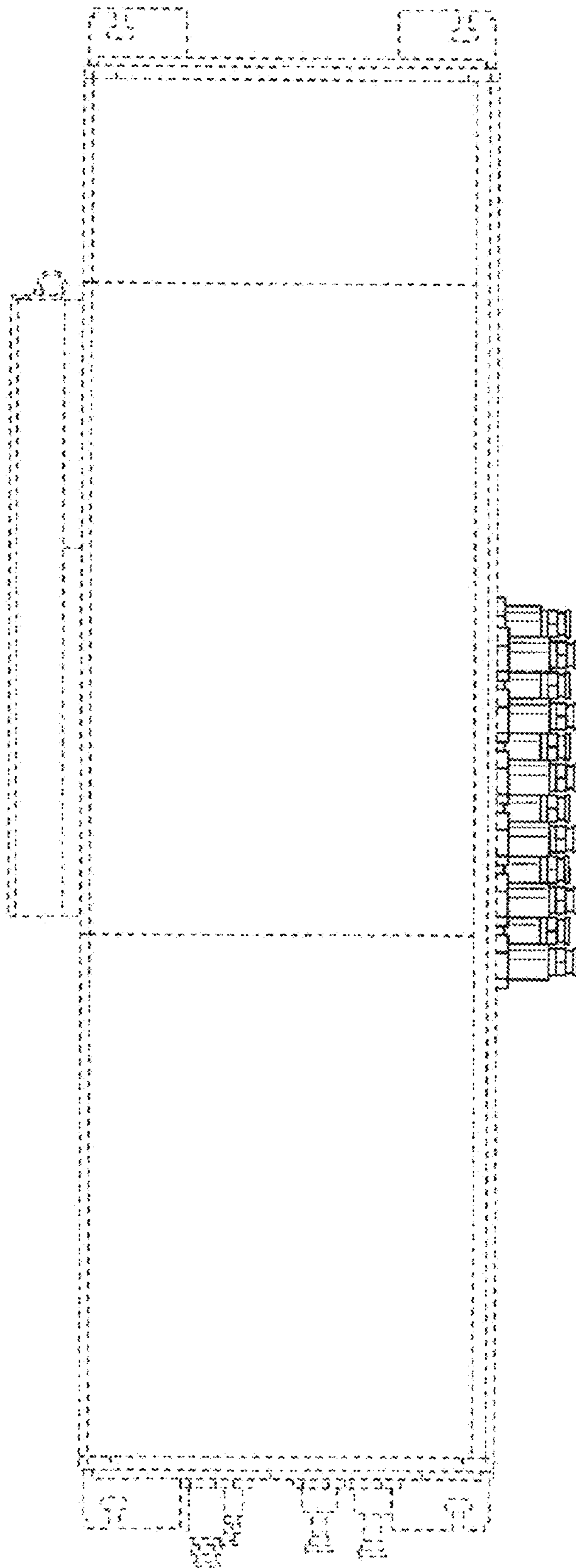


Fig. 24

