



US00D843940S

(12) **United States Design Patent** (10) **Patent No.:** **US D843,940 S**
Sasaki (45) **Date of Patent:** **** Mar. 26, 2019**

(54) **ELECTRICAL CONNECTOR**(71) Applicant: **Hosiden Corporation**, Yao-shi, Osaka (JP)(72) Inventor: **Daisuke Sasaki**, Yao (JP)(73) Assignee: **HOSIDEN CORPORATION**, Yao-Shi (JP)(**) Term: **15 Years**(21) Appl. No.: **29/559,766**(22) Filed: **Mar. 31, 2016**(30) **Foreign Application Priority Data**

Oct. 26, 2015 (JP) 2015-023660

Oct. 26, 2015 (JP) 2015-023662

(Continued)

(51) LOC (11) Cl. **13-03**

(52) U.S. Cl.

USPC **D13/133**(58) **Field of Classification Search**USPC D13/101, 103, 110, 112, 117, 118, 120,
D13/123, 129–133, 145–147, 149, 151,
D13/153–155, 173, 183, 199

(Continued)

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Primary Examiner — Angela J Lee*Assistant Examiner* — Shawn T Gingrich(74) *Attorney, Agent, or Firm* — Rankin, Hill & Clark
LLP(57) **CLAIM**

The ornamental design for an electrical connector, as shown and described.

DESCRIPTION

FIG. 1 is a front, left side and top perspective view of an electrical connector in accordance with a first embodiment of my new design;

FIG. 2 is a front, left side and bottom 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 view thereof;

FIG. 6 is a right side view thereof;

FIG. 7 is a top plan view thereof;

FIG. 8 is a bottom plan view thereof;

FIG. 9 is a front, left side and top perspective view of an electrical connector in accordance with a second embodiment of my new design;

FIG. 10 is a front, left side and bottom 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 view thereof;

FIG. 14 is a right side view thereof;

FIG. 15 is a top plan view thereof;

FIG. 16 is a bottom plan view thereof;

FIG. 17 is a front, left side and top perspective view of an electrical connector in accordance with a third embodiment of my new design;

FIG. 18 is a front, left side and bottom 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 view thereof;

FIG. 22 is a right side view thereof;

FIG. 23 is a top plan view thereof;

FIG. 24 is a bottom plan view thereof;

FIG. 25 is a front, left side and top perspective view of an electrical connector in accordance with a fourth embodiment of my new design;

FIG. 26 is a front, left side and bottom perspective view thereof;

FIG. 27 is a front elevation view thereof;

FIG. 28 is a rear elevation view thereof;

FIG. 29 is a left side view thereof;

FIG. 30 is a right side view thereof;

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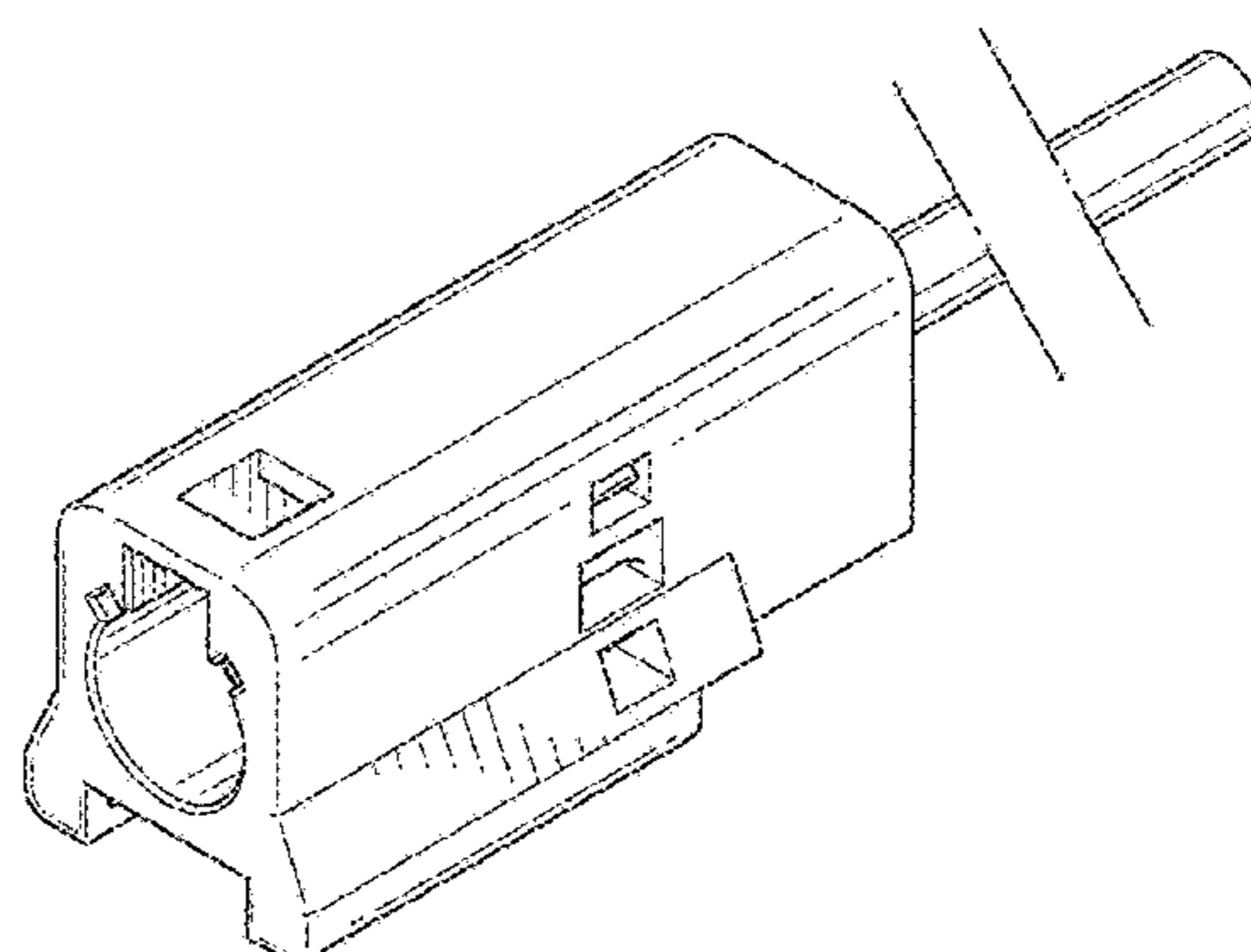
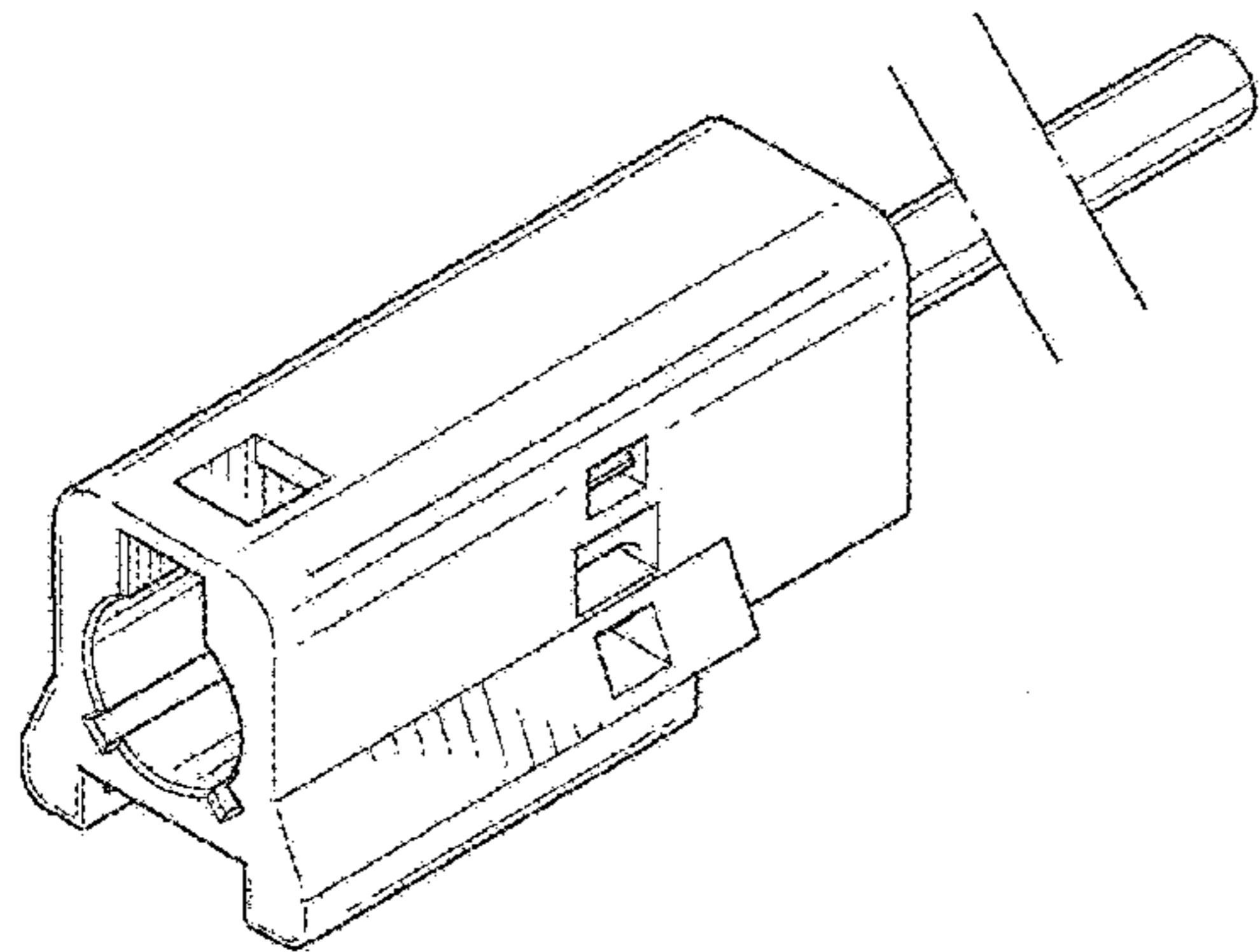


FIG. 31 is a top plan view thereof; and,
FIG. 32 is a bottom plan view thereof.

The dash-dash broken lines in the drawings illustrate portions of the electrical connector that form no part of the claimed design. The dash-dot-dash lines in the drawing represent a symbolic break in a length of a cable. The appearance of any portion of the article between the break lines forms no part of the claimed design.

1 Claim, 12 Drawing Sheets

(30) Foreign Application Priority Data

| | |
|--------------------------|-------------|
| Oct. 26, 2015 (JP) | 2015-023663 |
| Oct. 26, 2015 (JP) | 2015-023664 |
| Oct. 26, 2015 (JP) | 2015-023665 |

(58) Field of Classification Search

CPC H01R 12/00; H01R 12/70; H01R 12/707;
 H01R 12/72; H01R 13/62; H01R 13/66;
 H01R 13/627; H01R 13/639; H01R
 13/648; H01R 13/658; H01R 24/00;
 H01R 24/06; H01R 25/00

See application file for complete search history.

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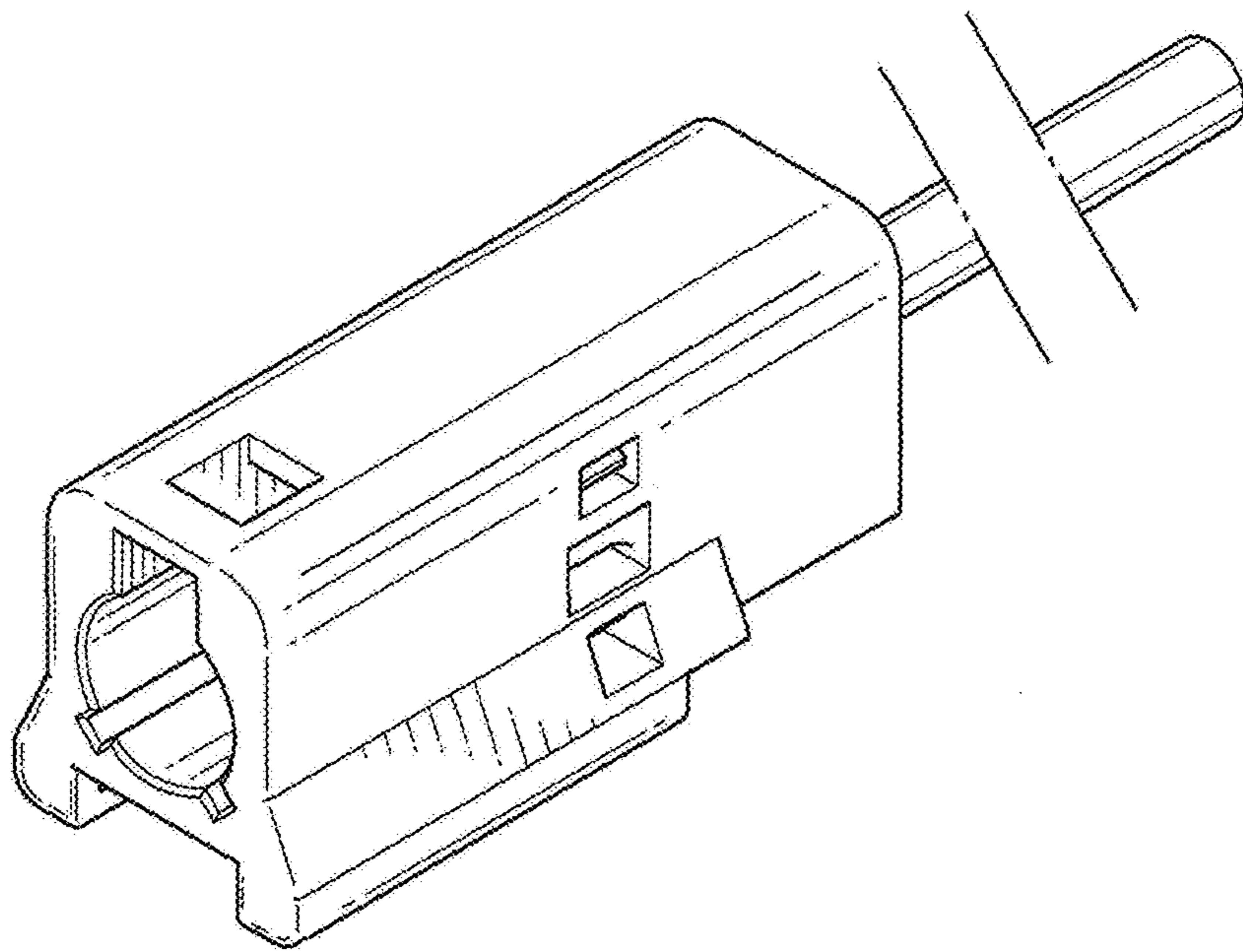
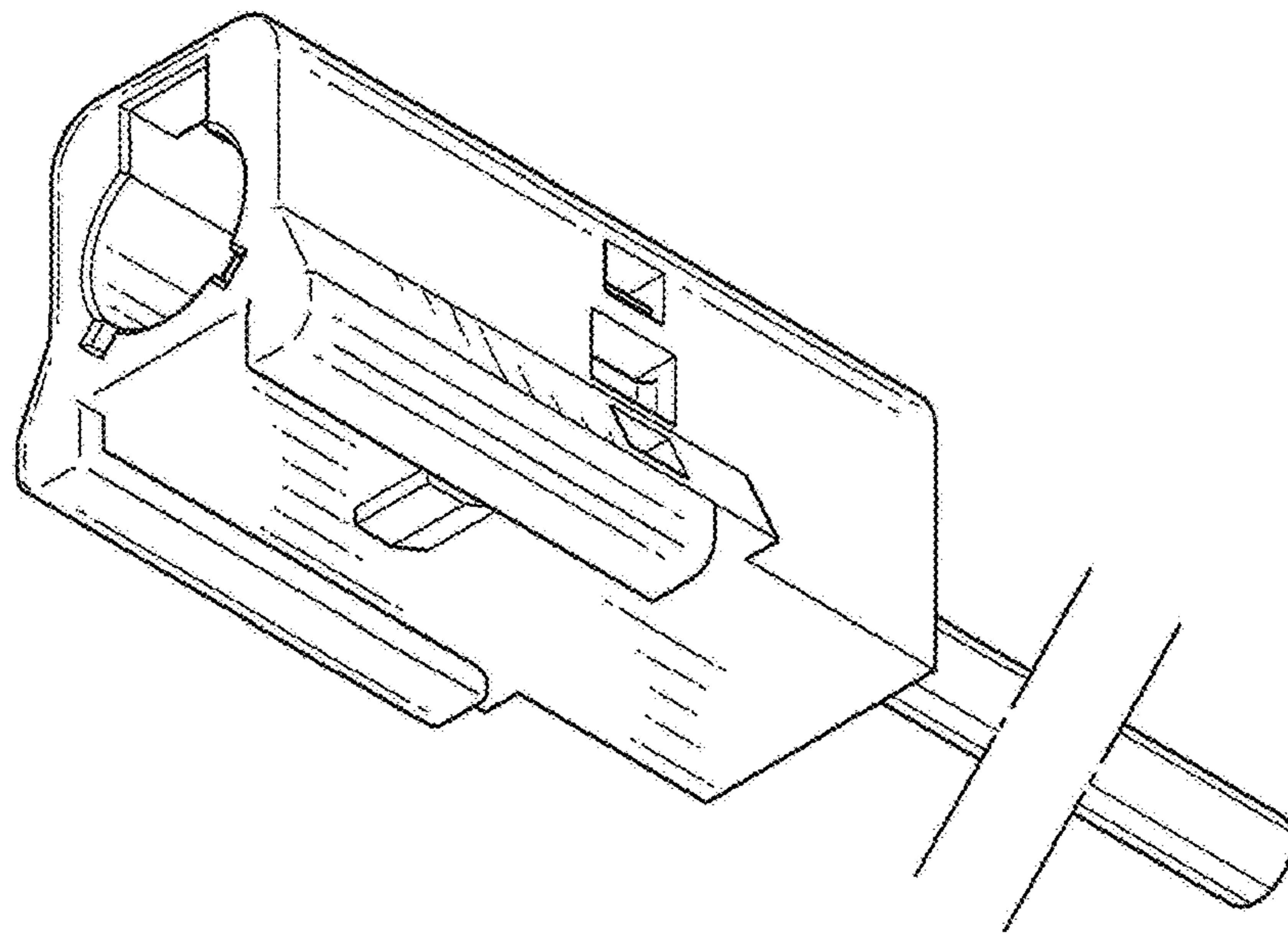
Fig. 1**Fig. 2**

Fig.3

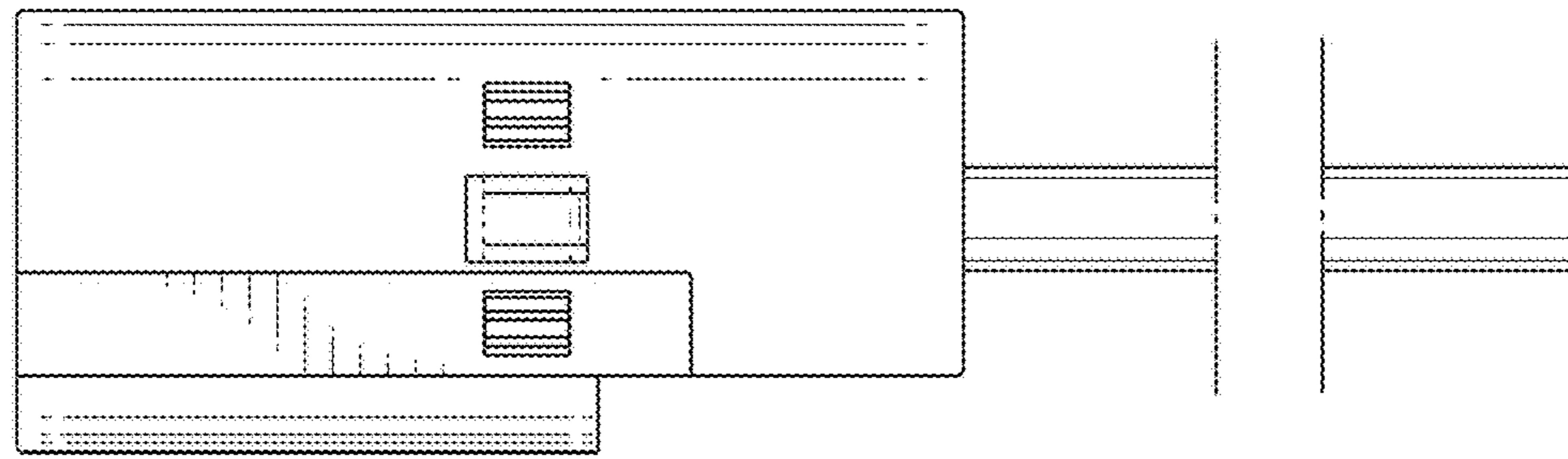


Fig.4

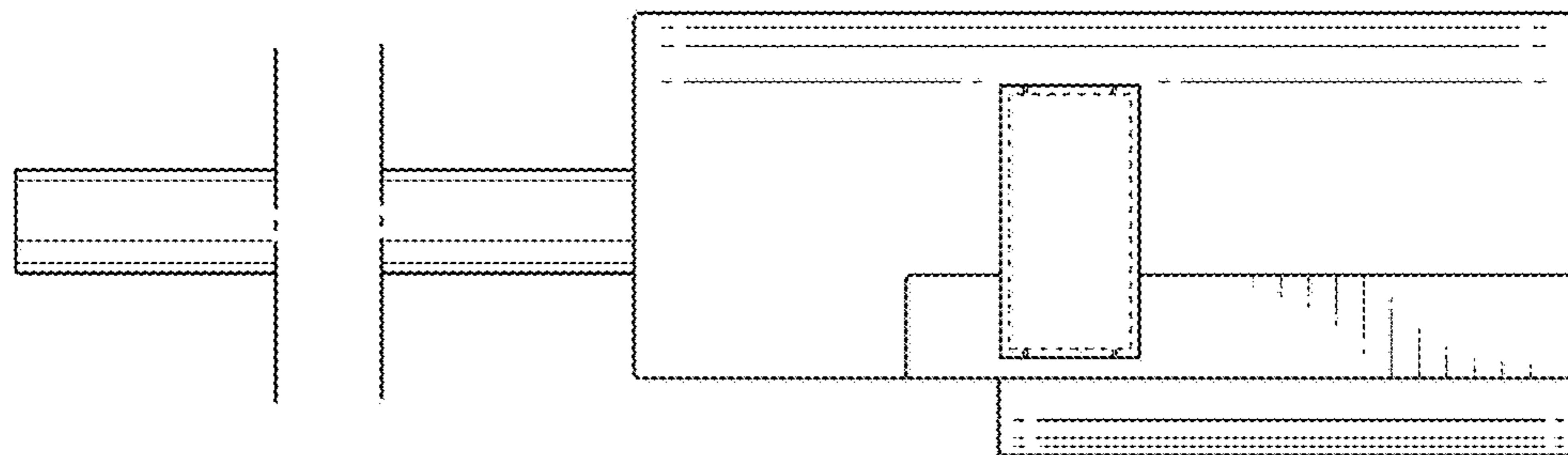


Fig.5

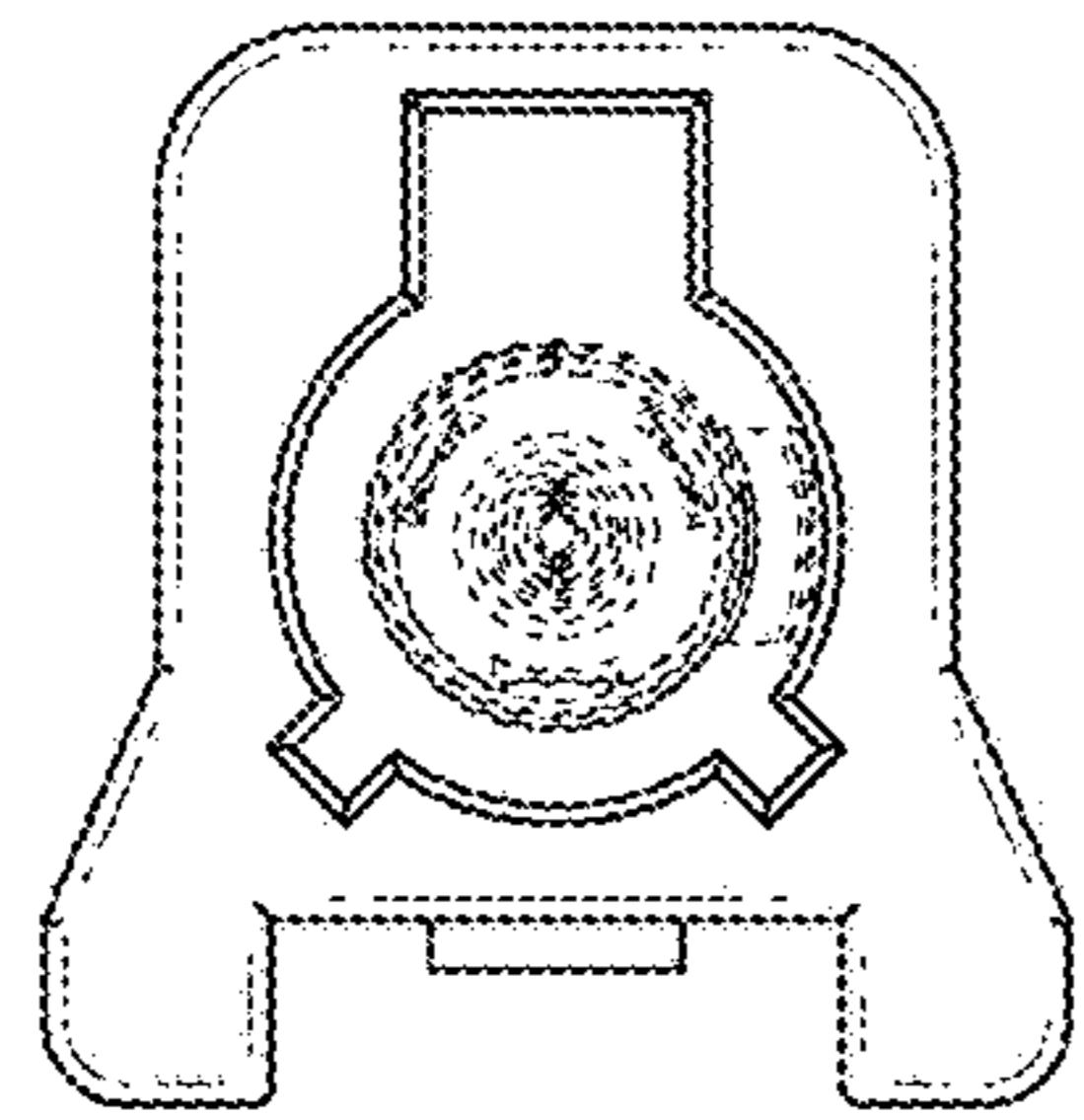


Fig.6

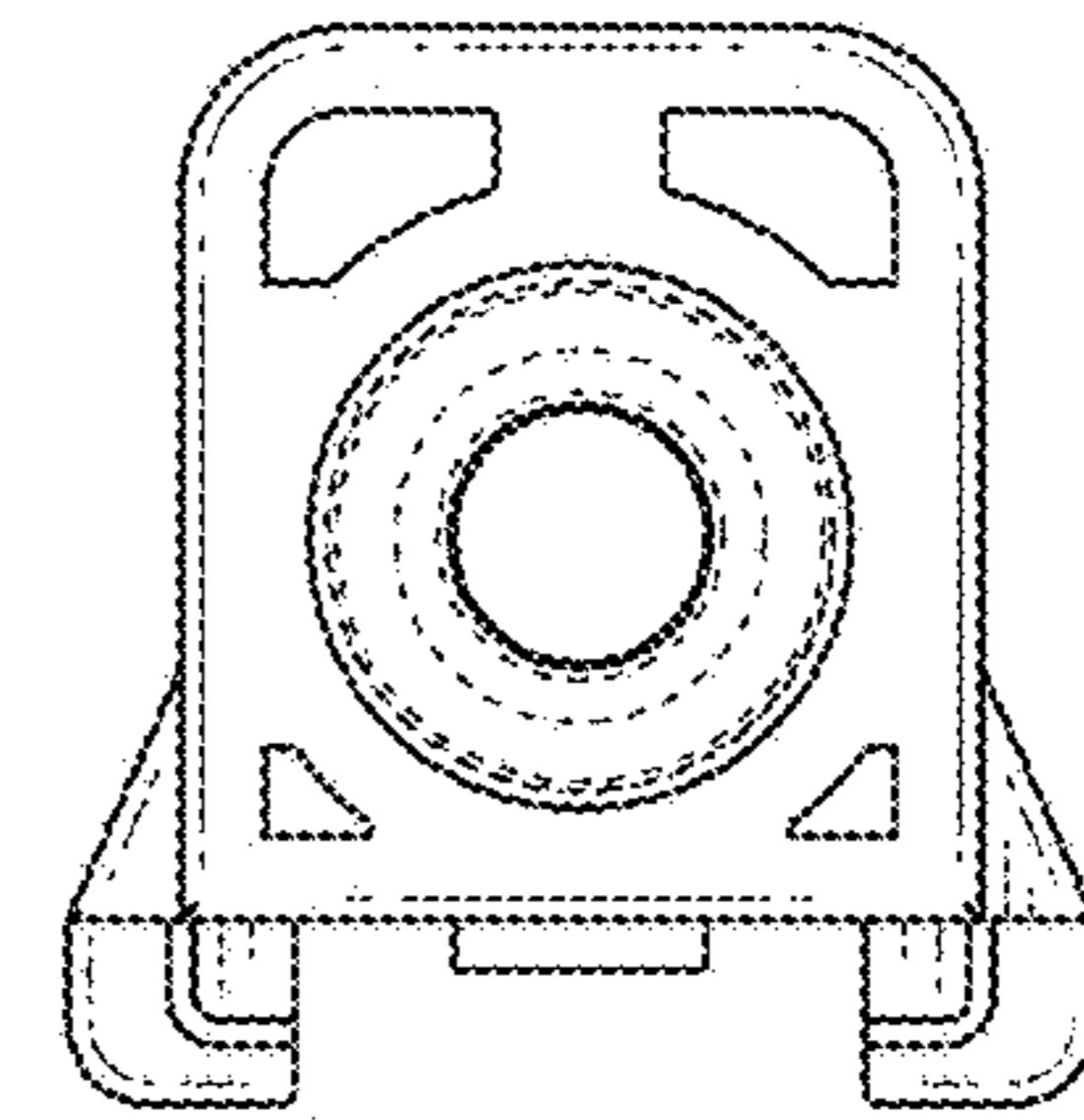


Fig.7

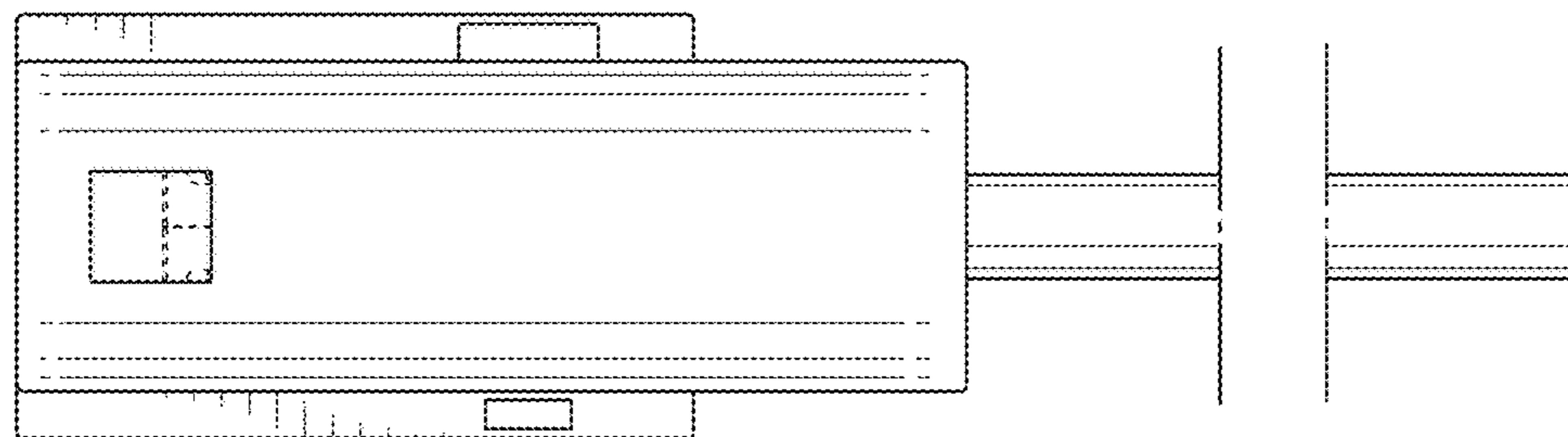


Fig.8

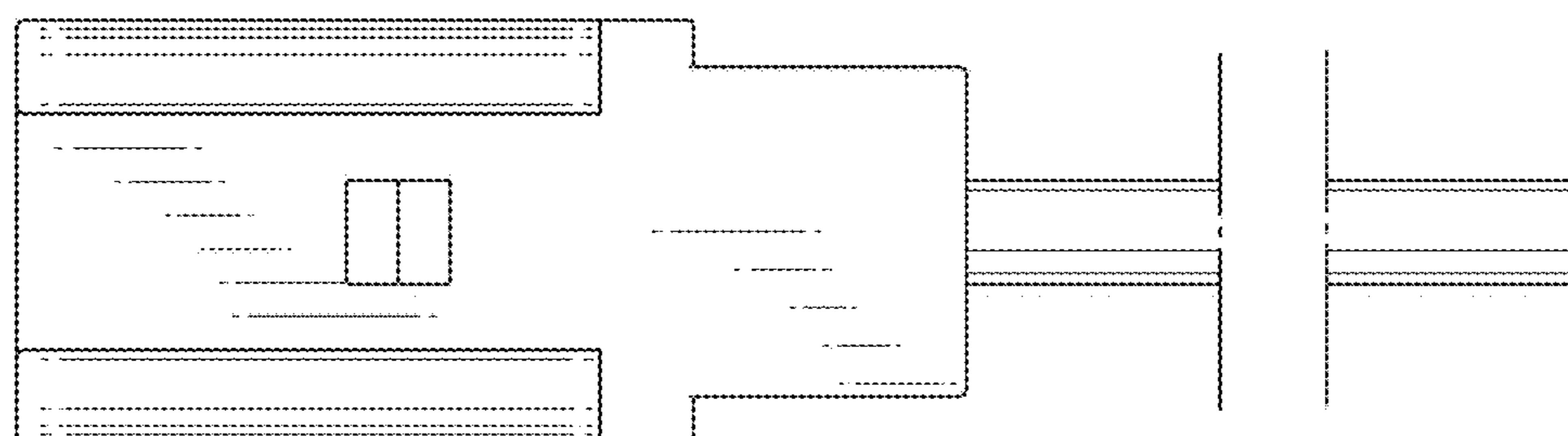


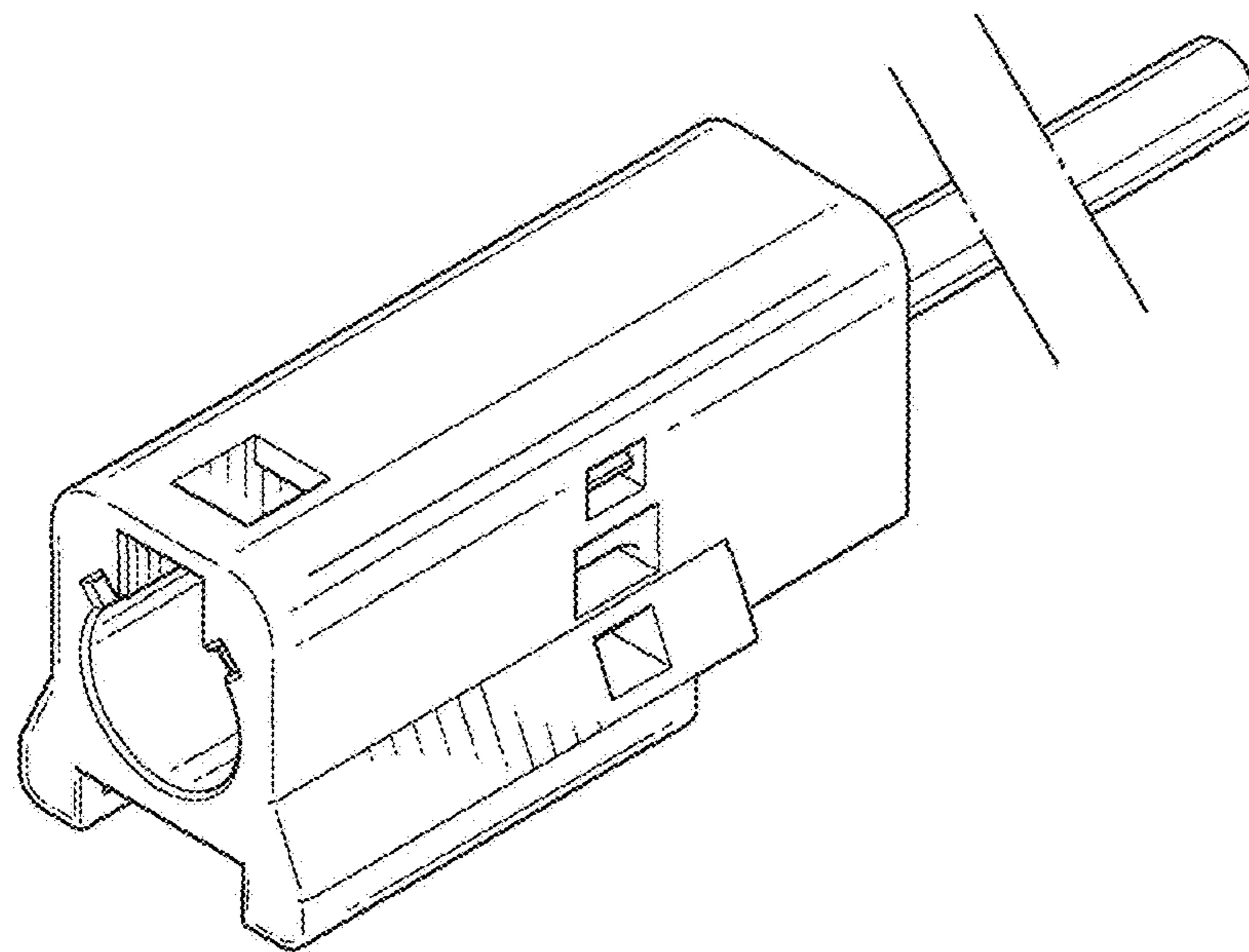
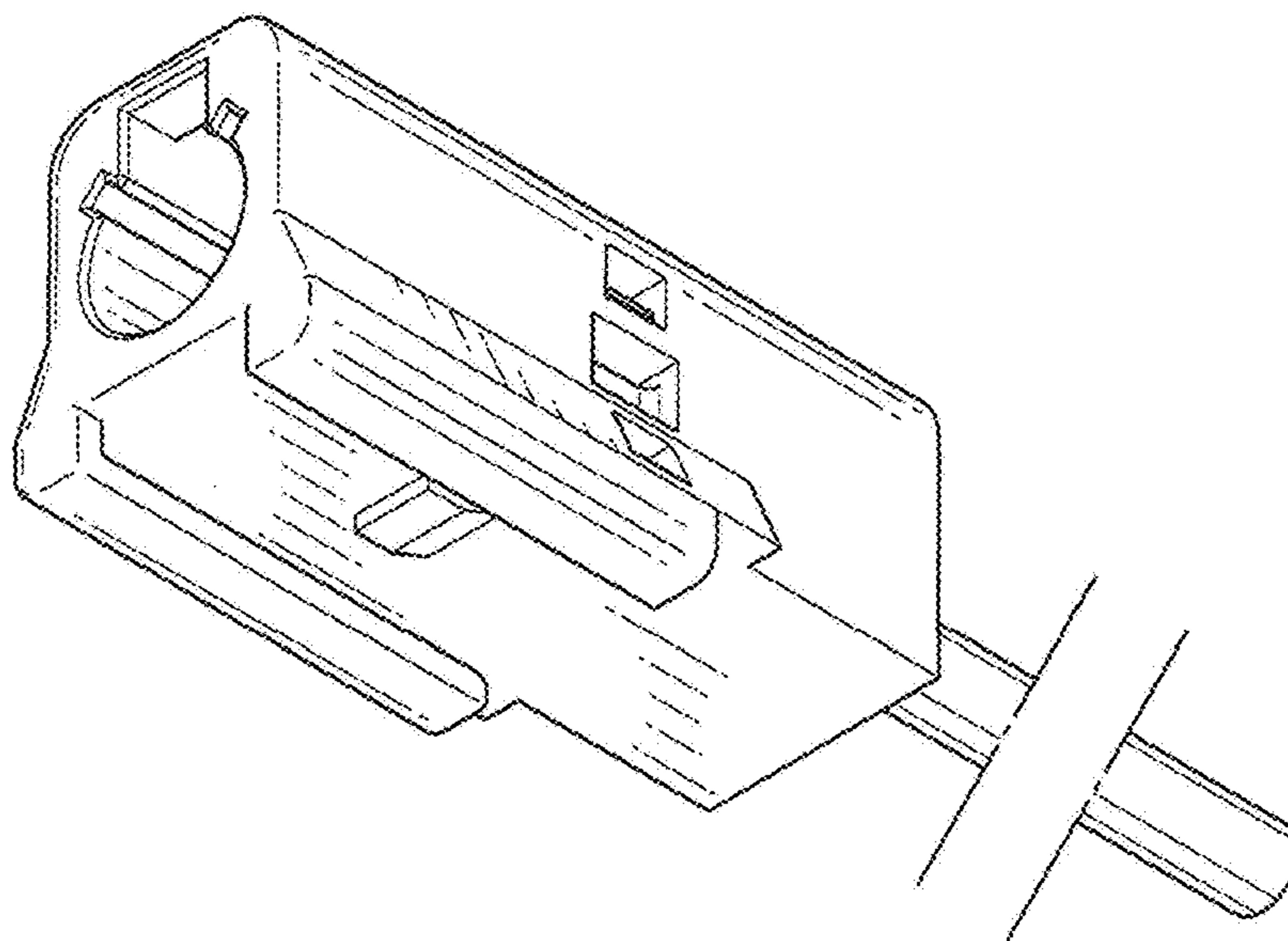
Fig. 9**Fig. 10**

Fig.11

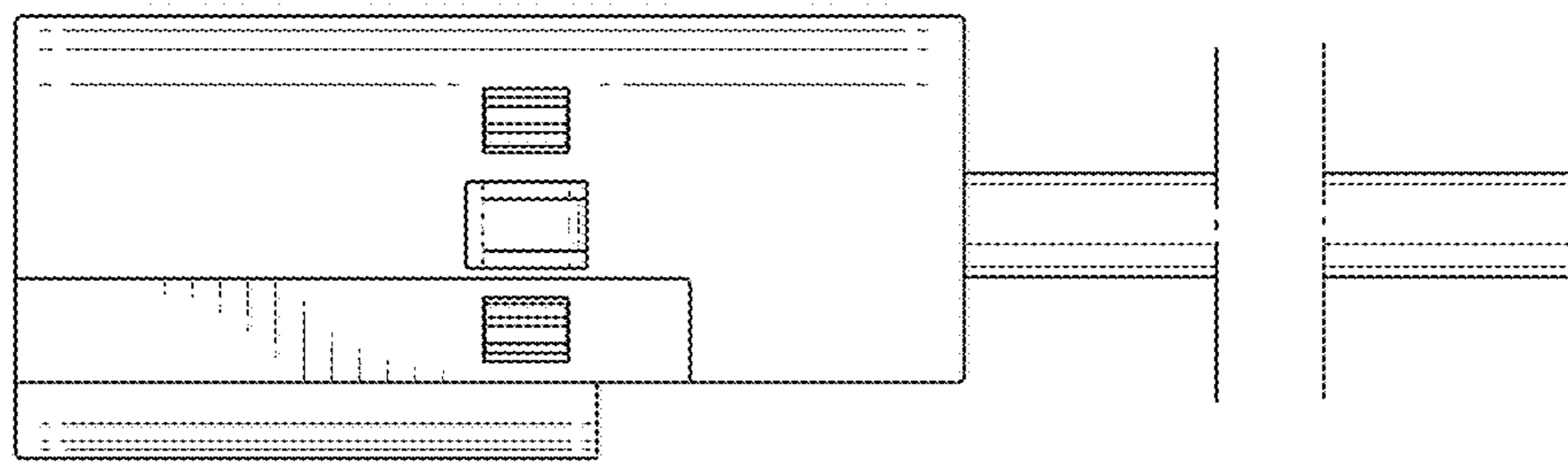


Fig.12

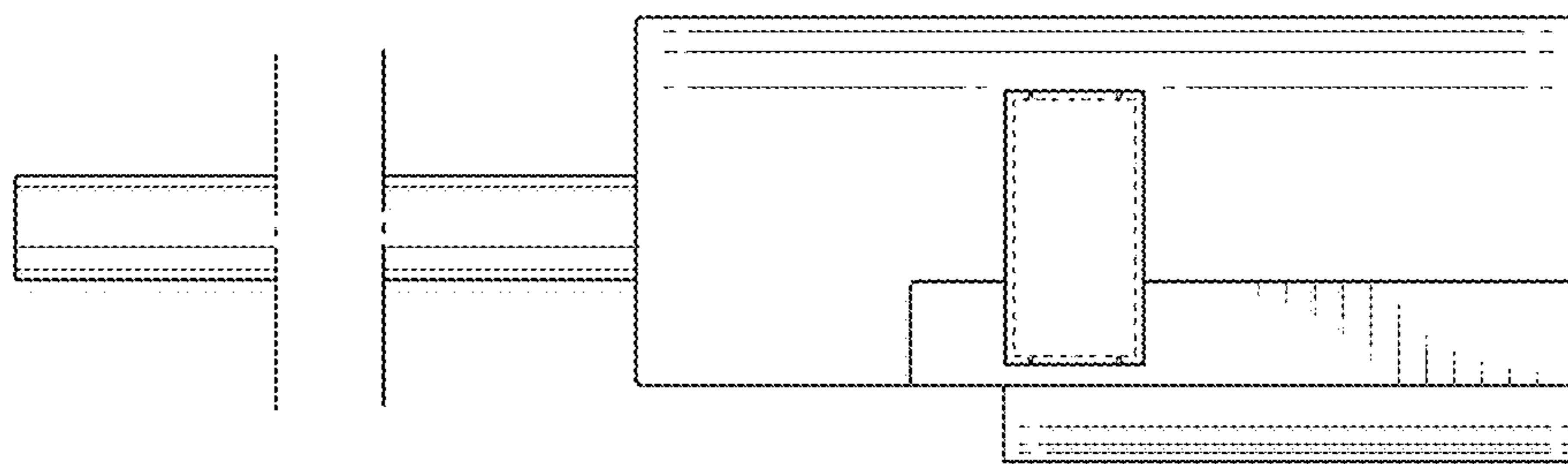


Fig.13

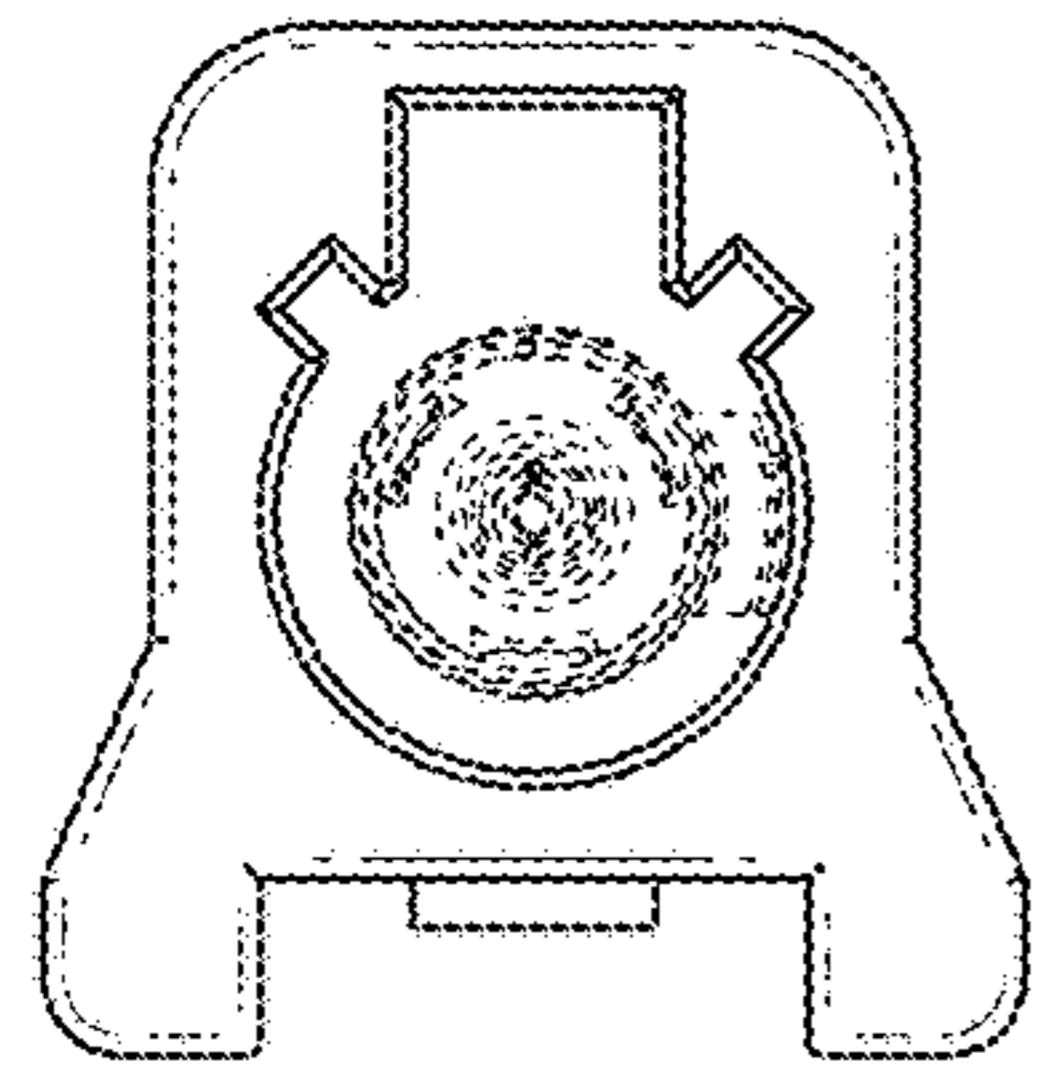


Fig.14

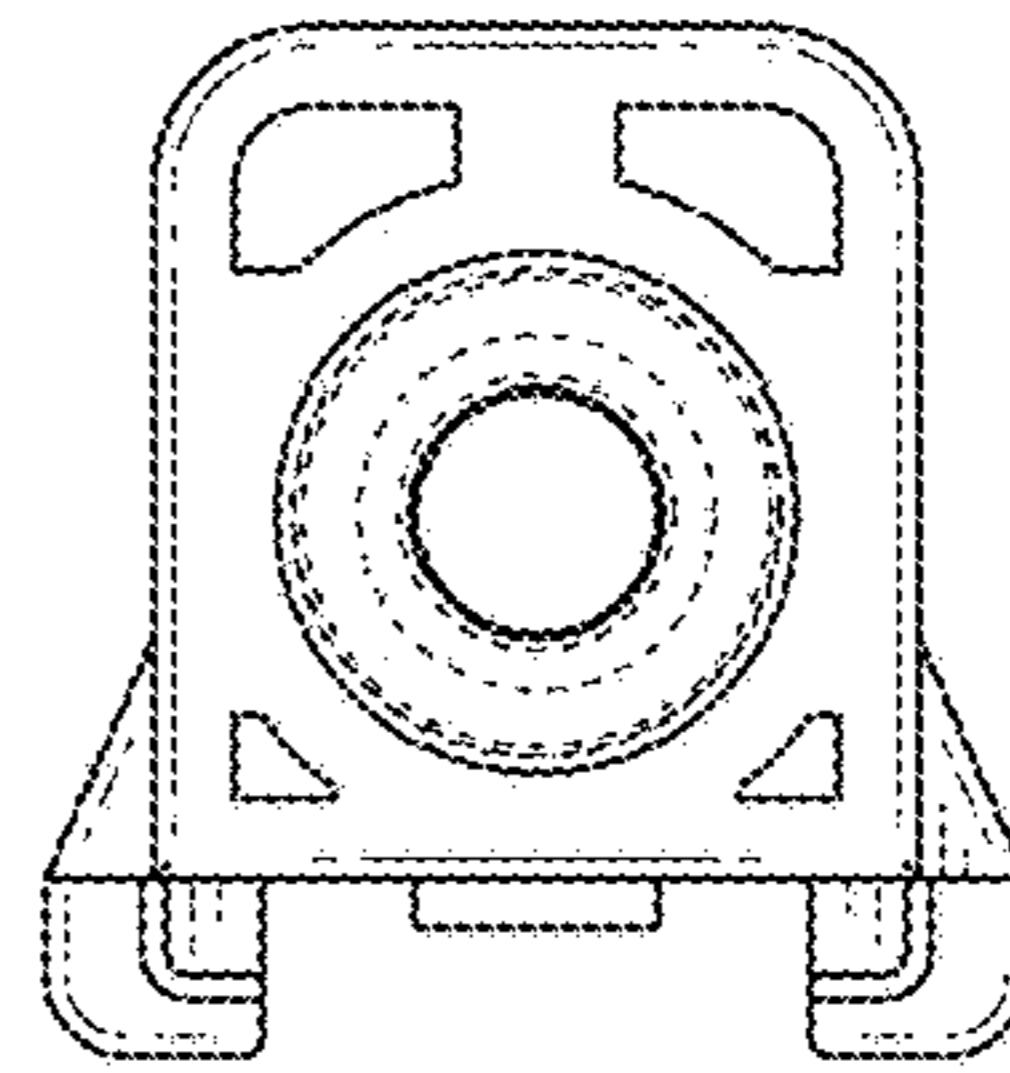


Fig.15

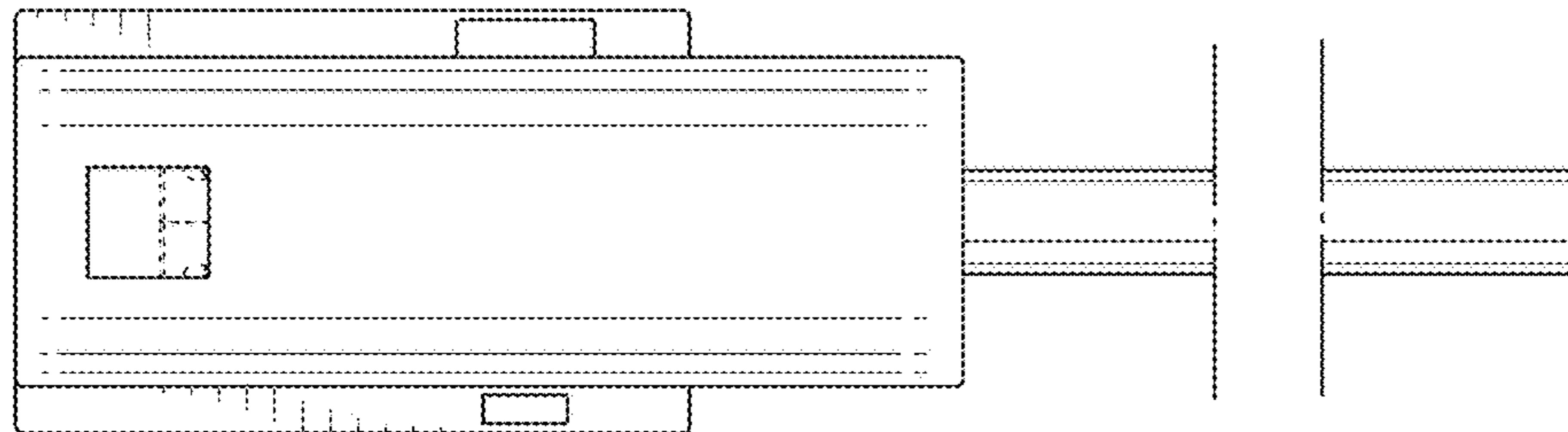


Fig.16

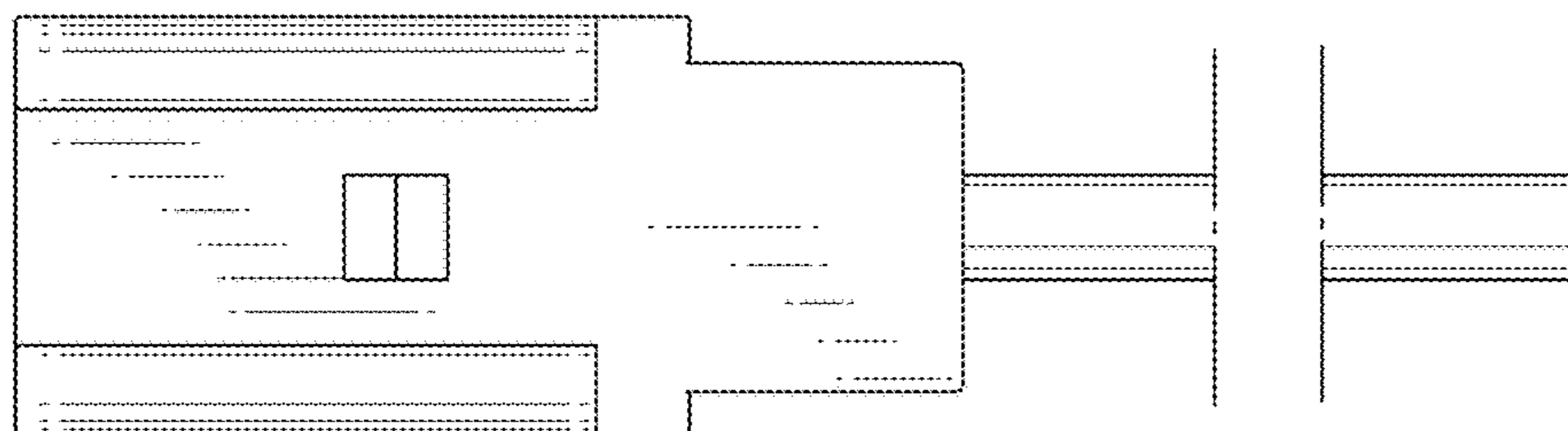


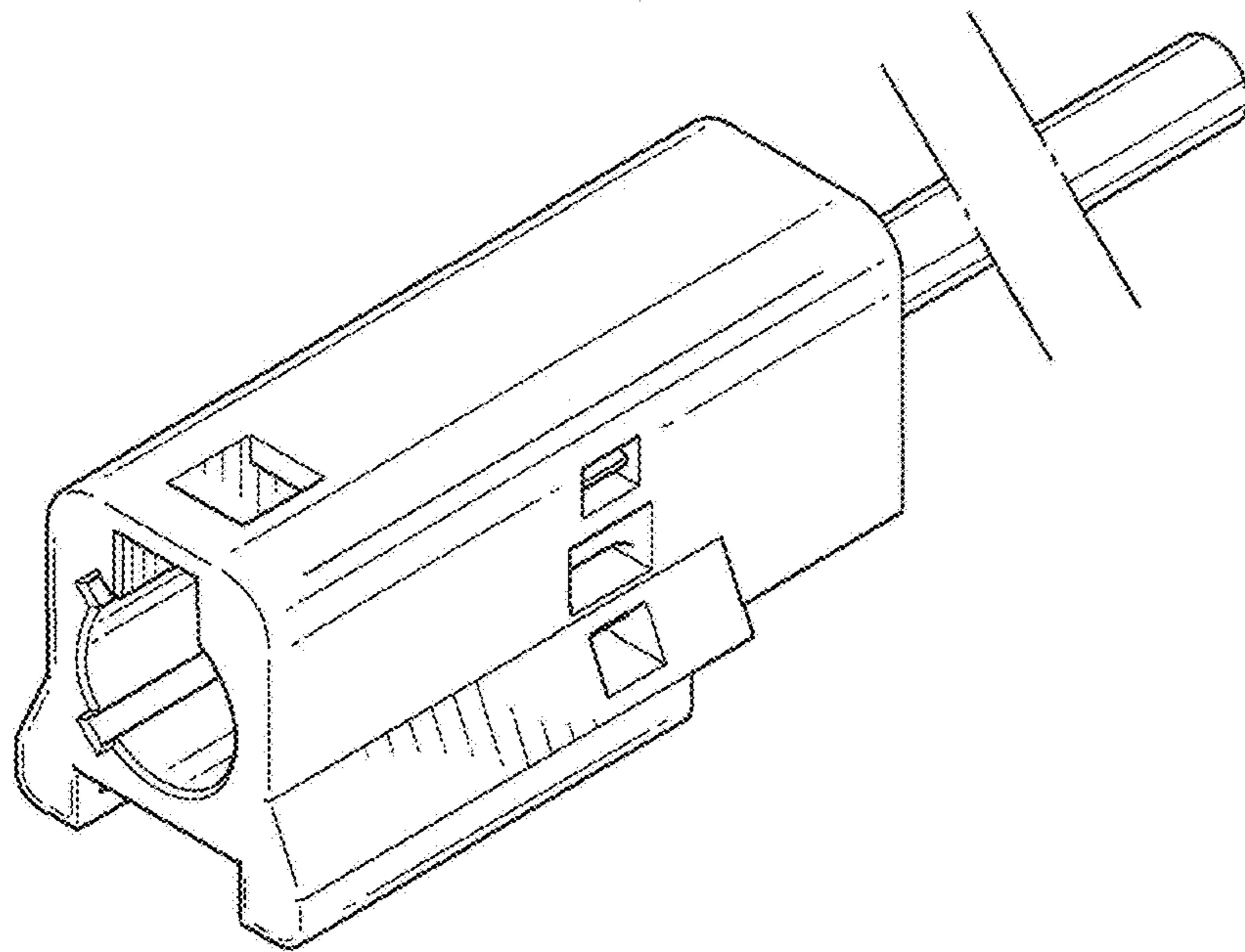
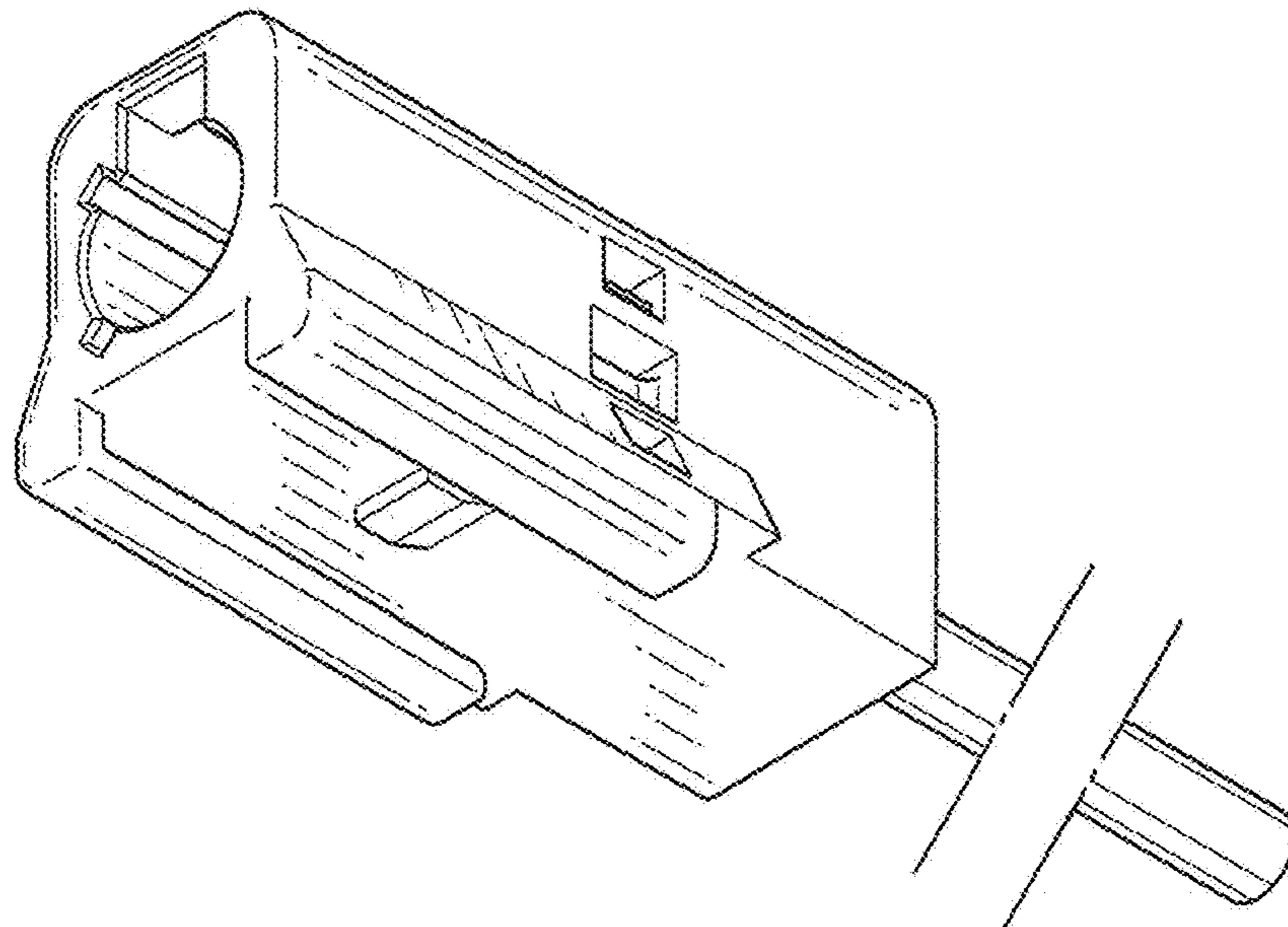
Fig. 17**Fig. 18**

Fig.19

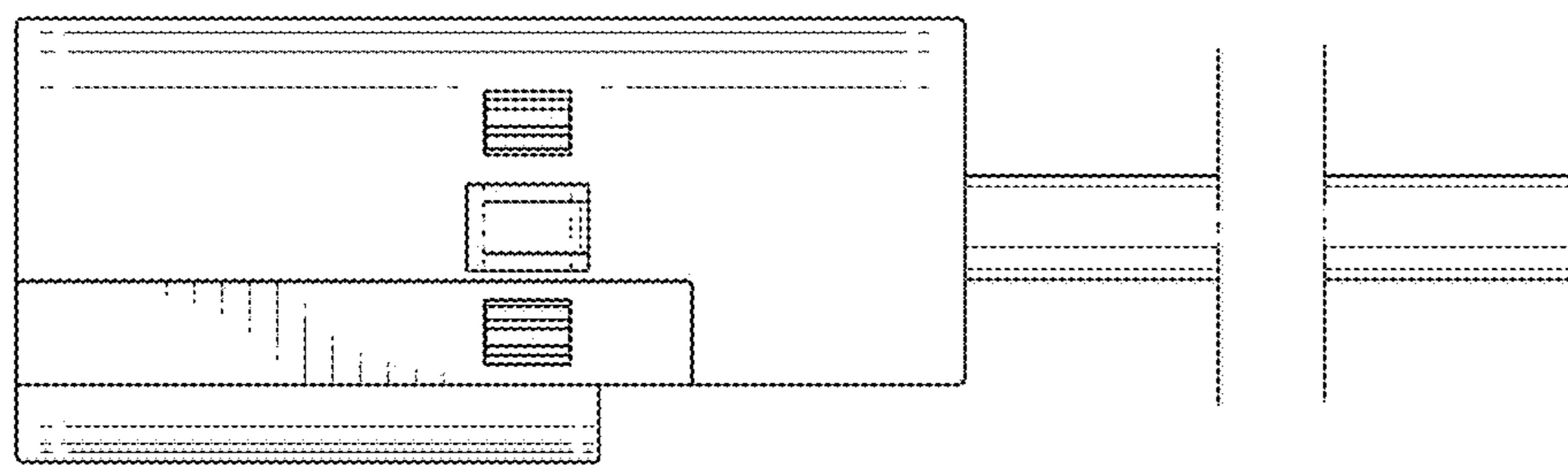


Fig.20

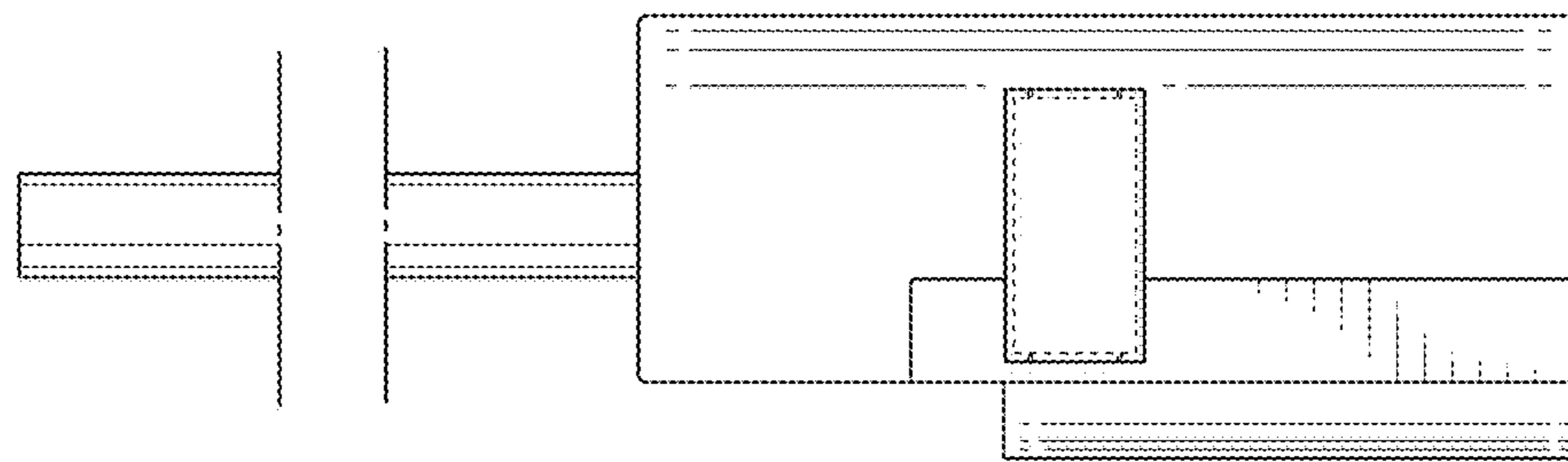


Fig.21

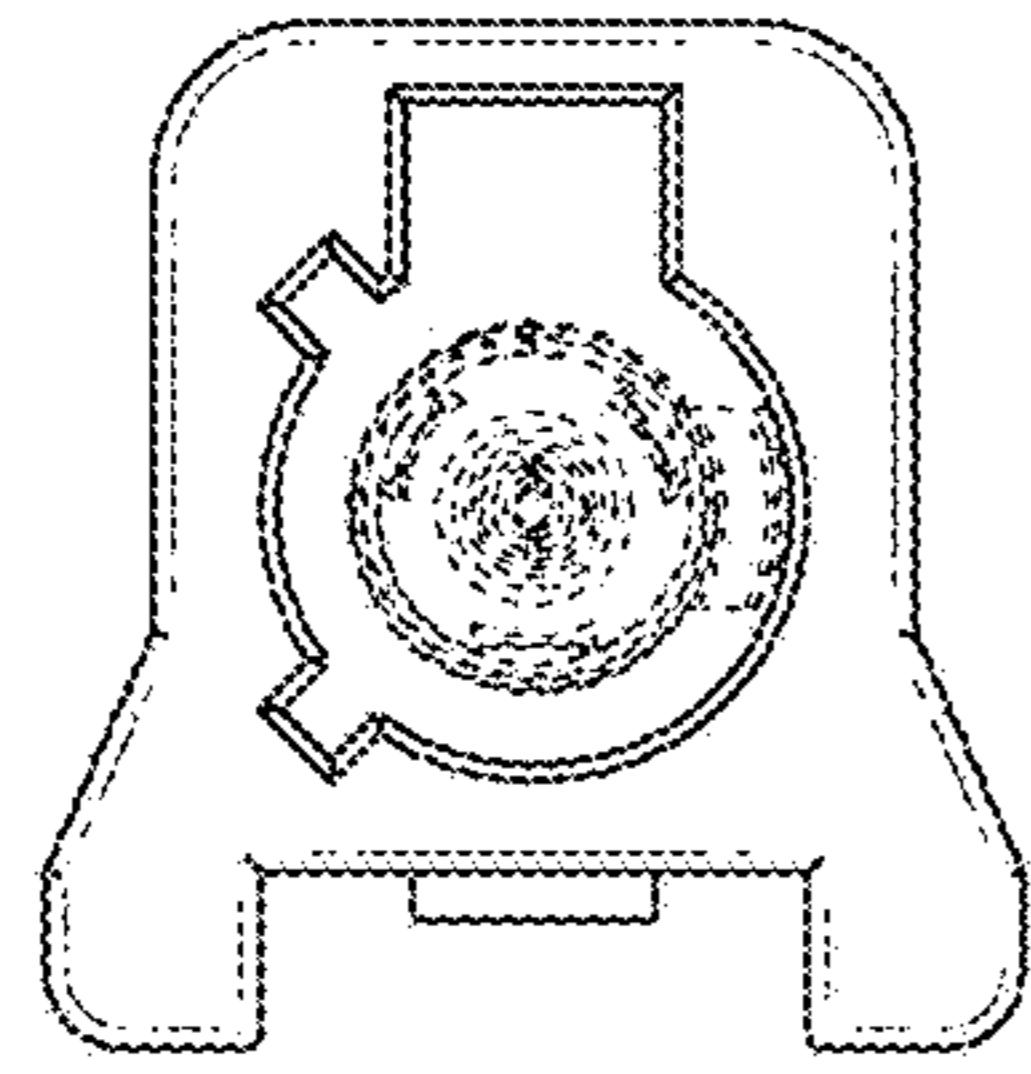


Fig.22

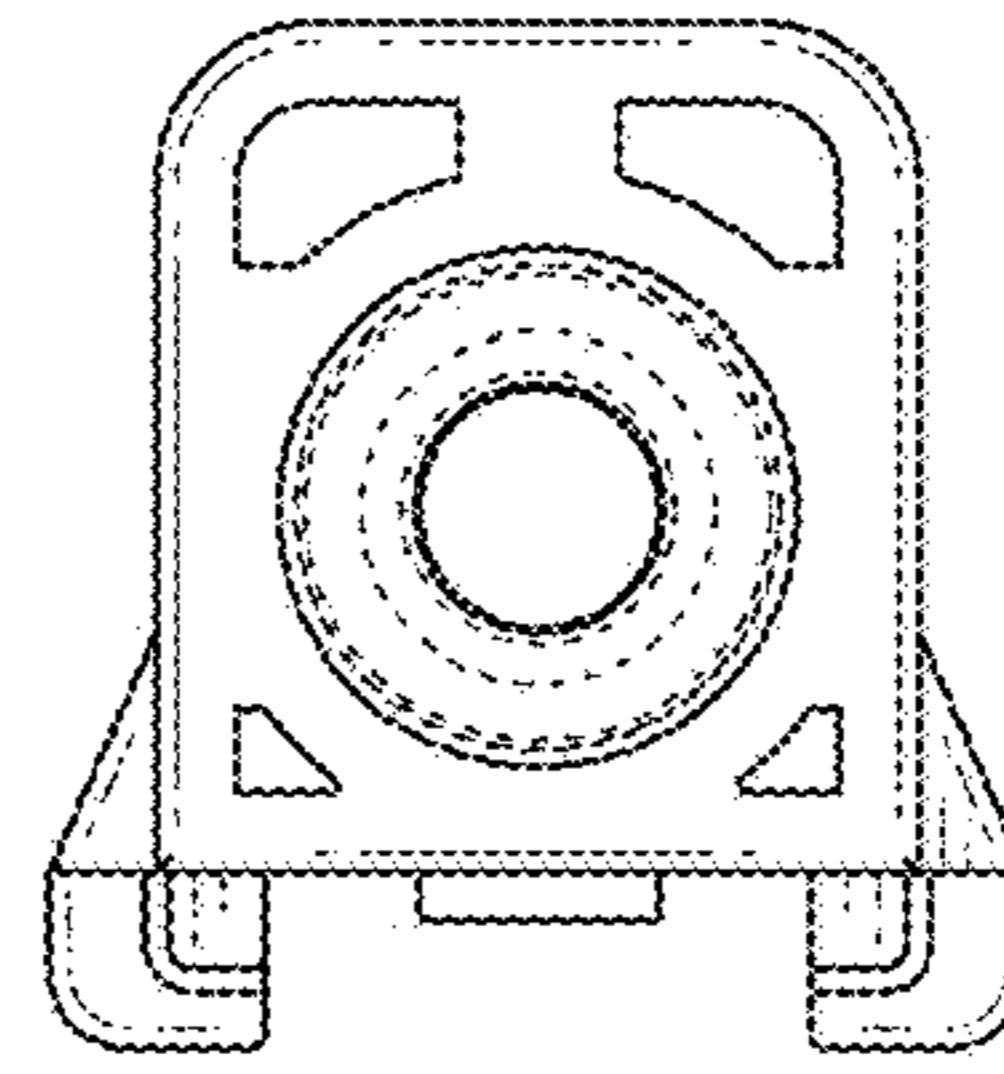


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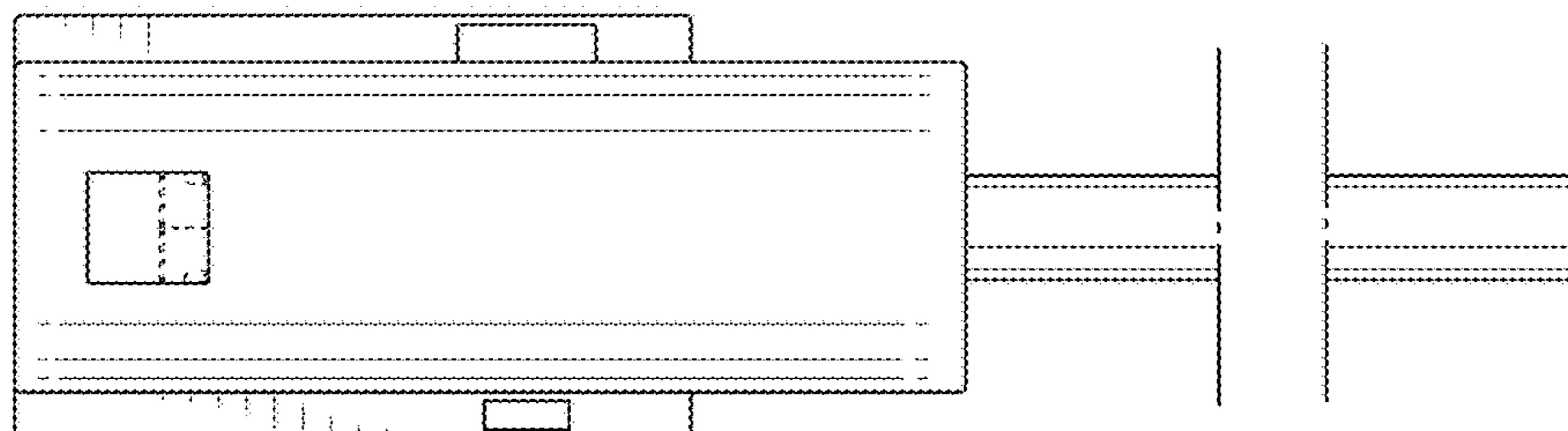


Fig.24

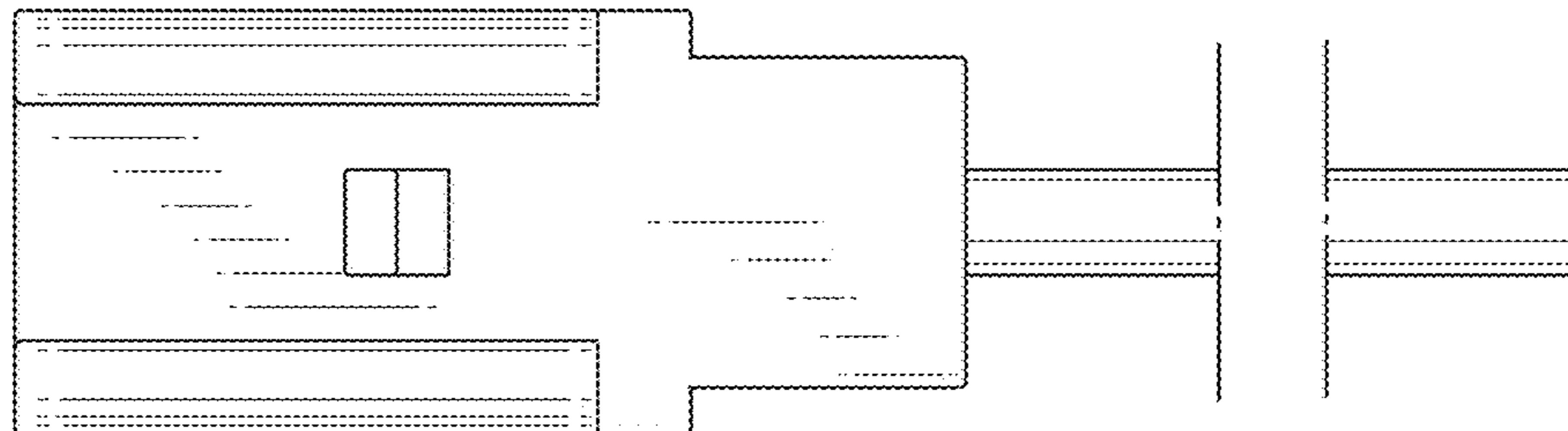


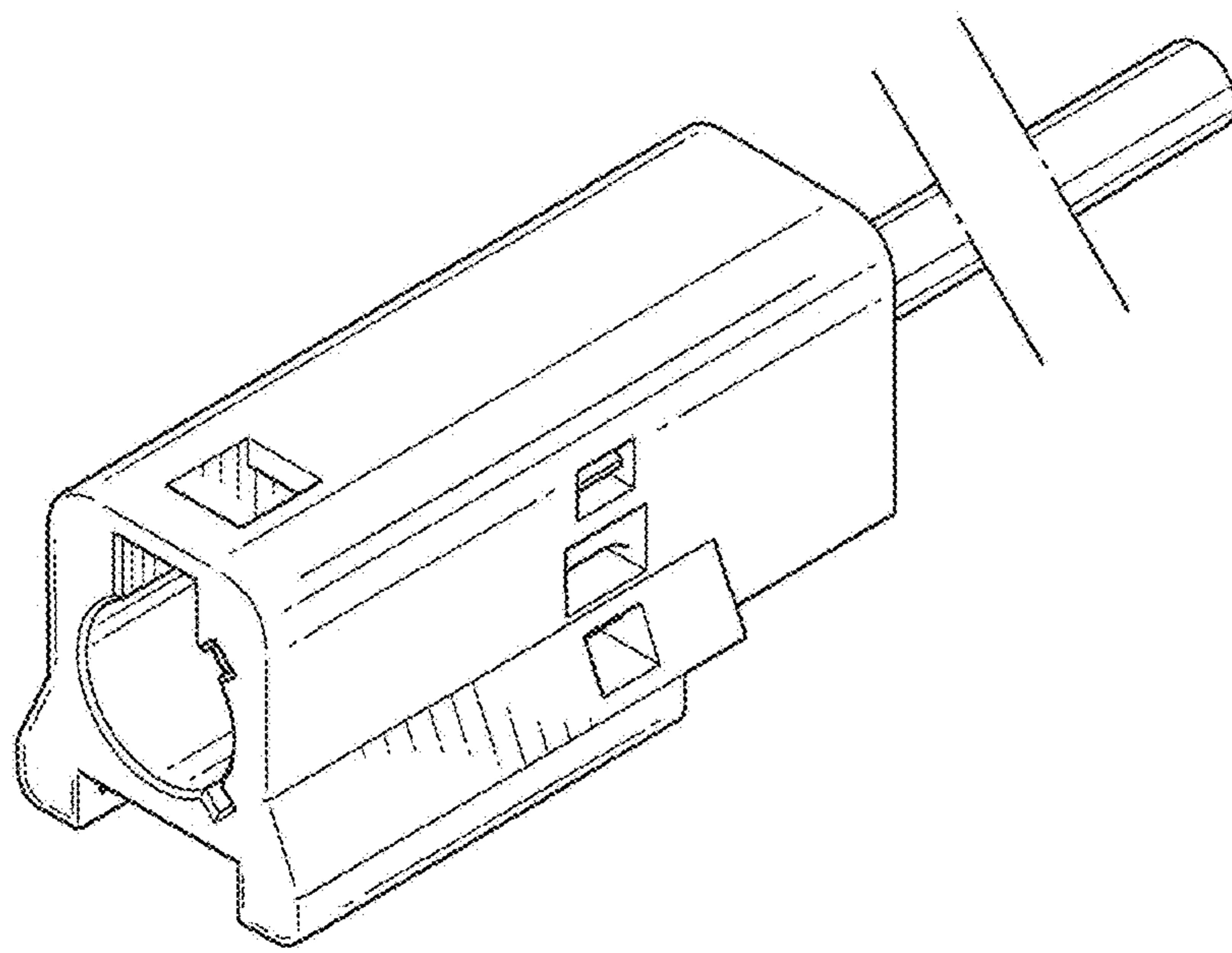
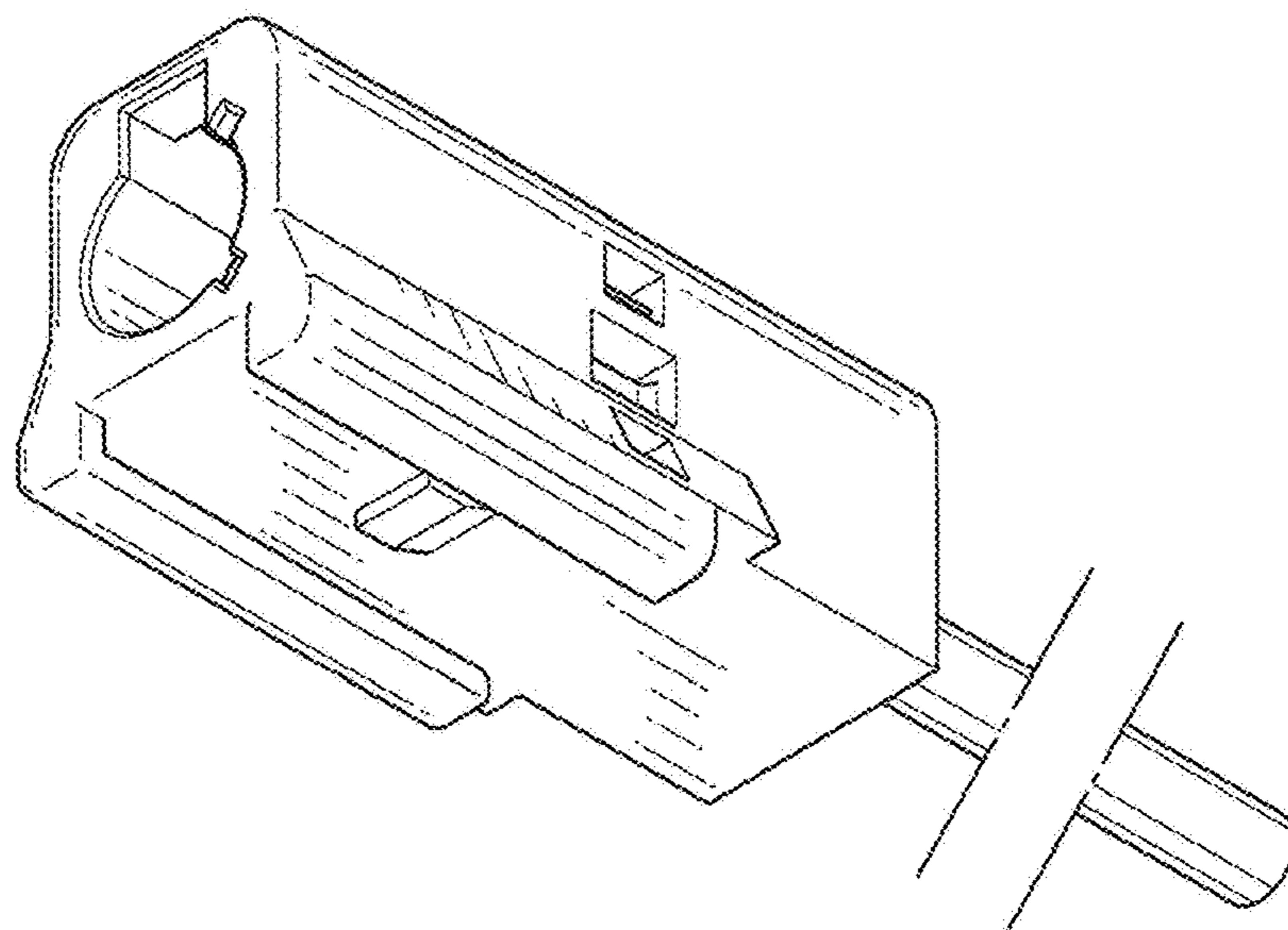
Fig. 25**Fig. 26**

Fig.27

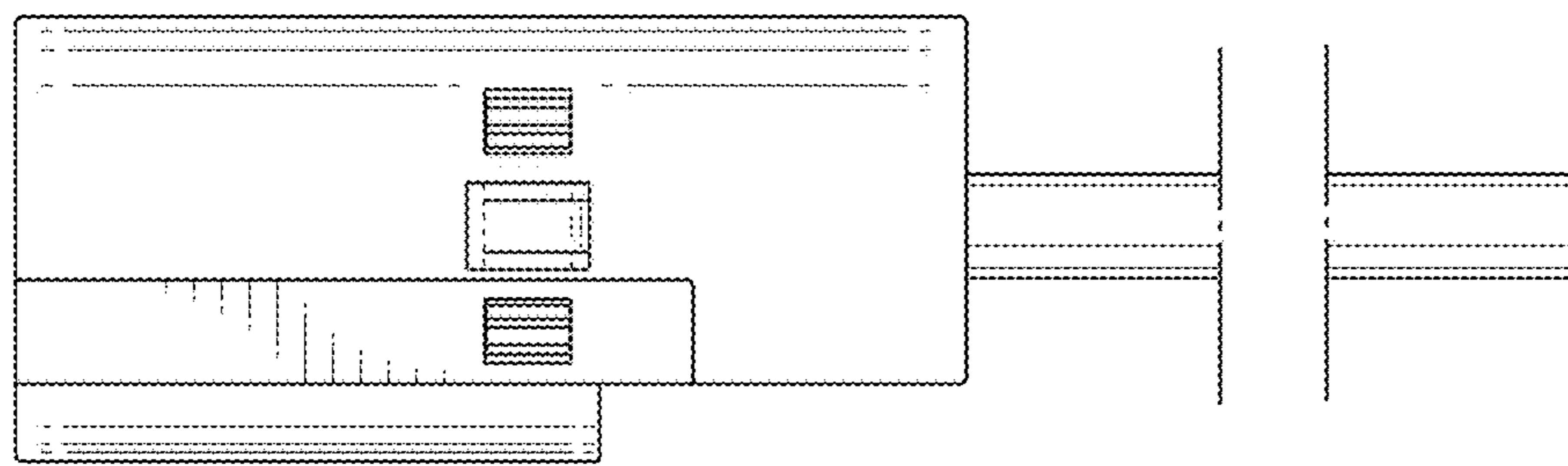


Fig.28

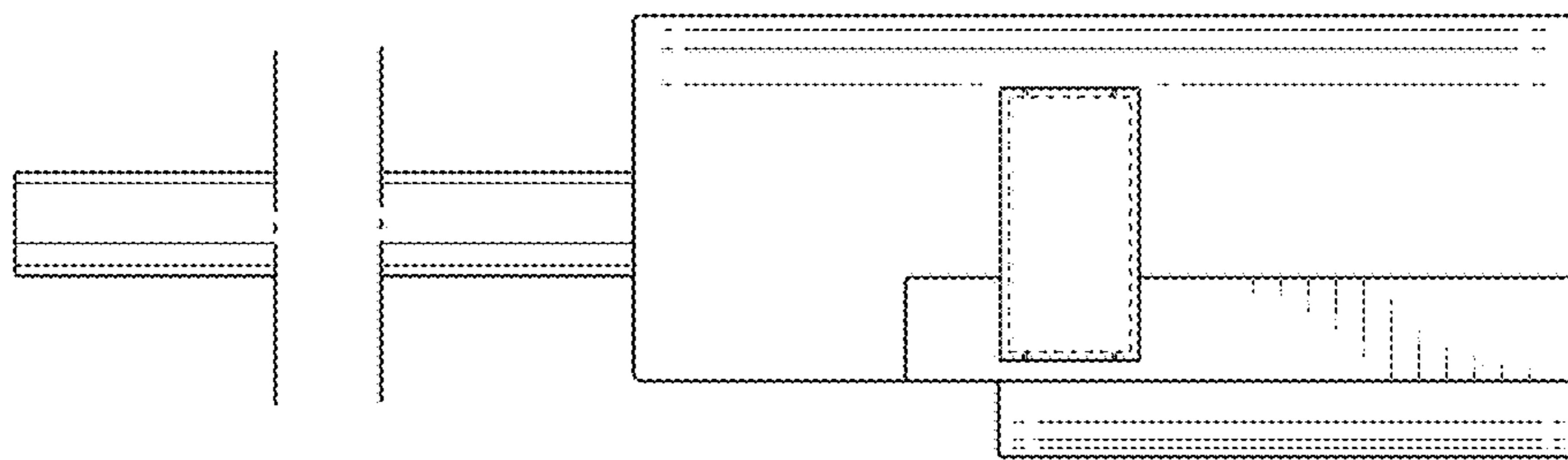


Fig.29

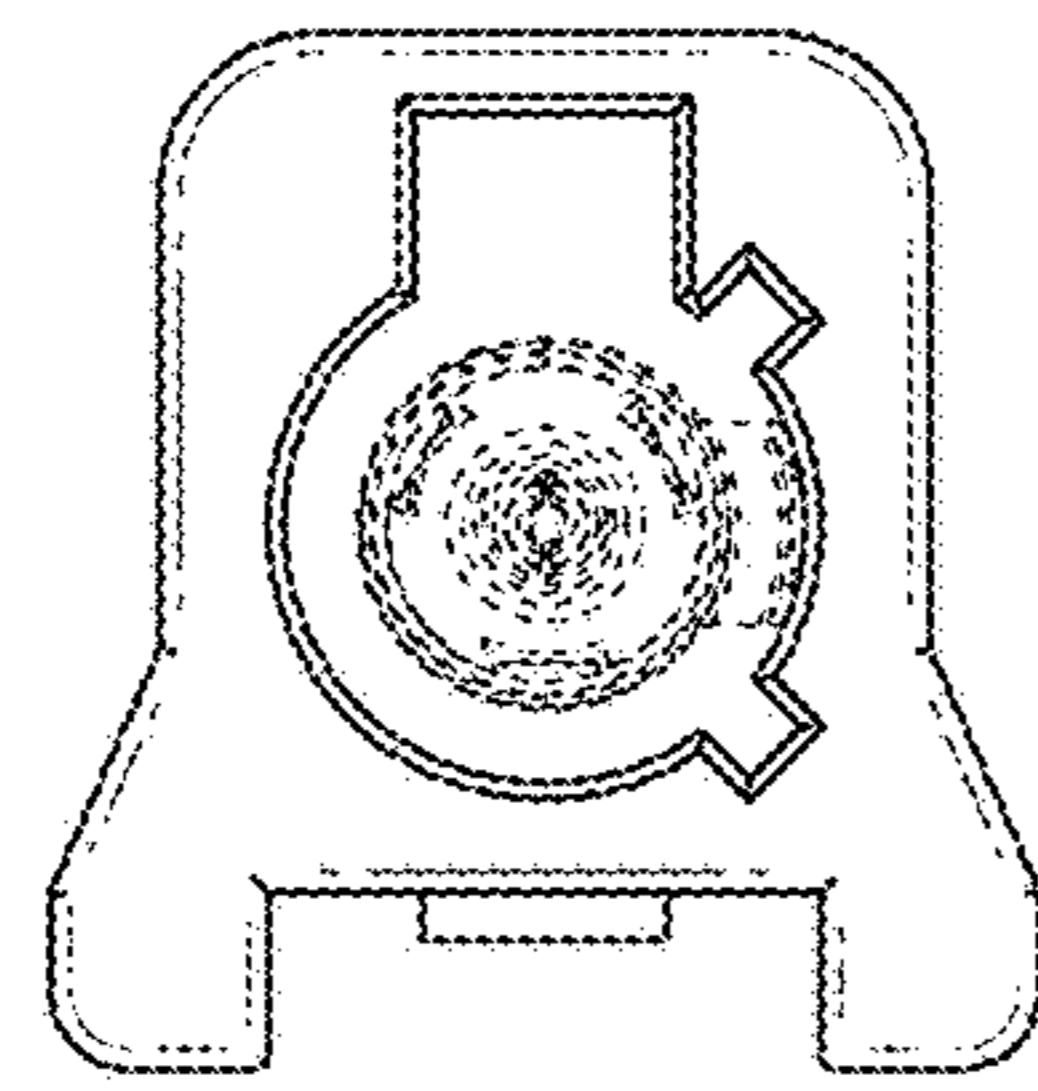


Fig.30

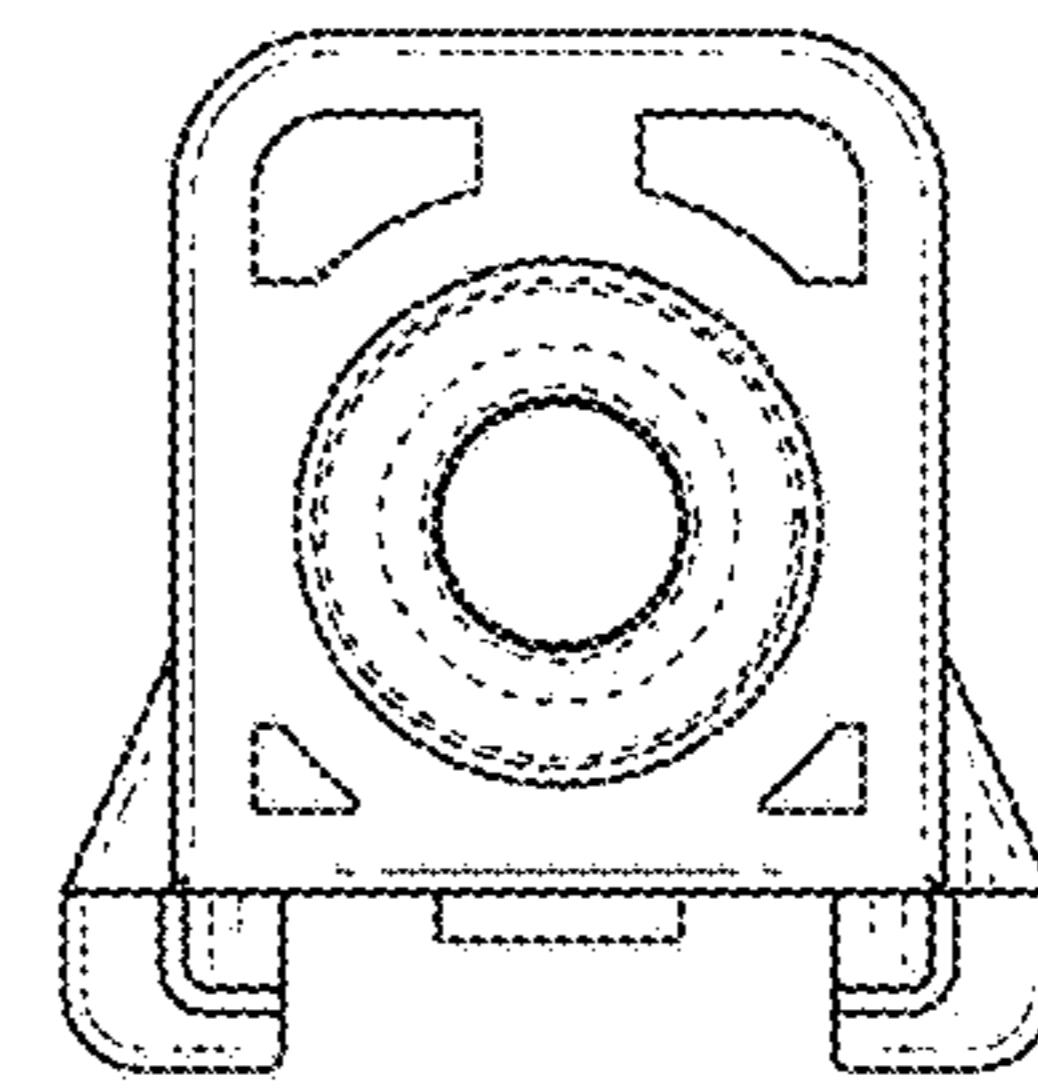


Fig.31

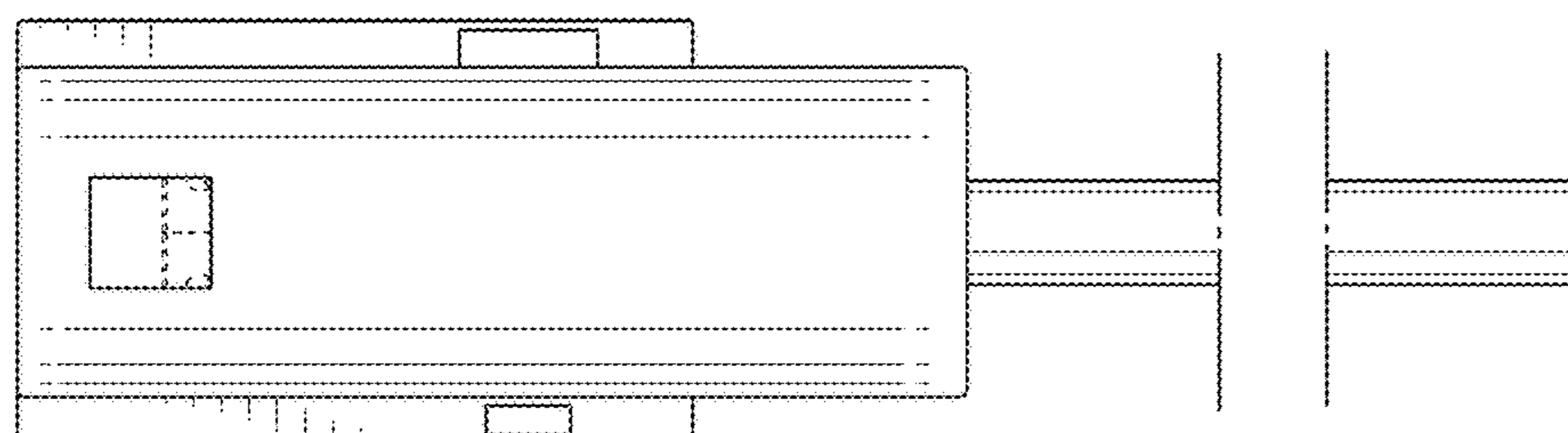


Fig.32

