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

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(45) **Date of Patent:** **** Jul. 3, 2018**

(54) **ACTUATOR**

- (71) Applicant: **SMK Corporation**, Tokyo (JP)
- (72) Inventors: **Katsuhito Fujii**, Tokyo (JP); **Takeshi Matsuda**, Tokyo (JP); **Yoshinori Watanabe**, Tokyo (JP); **Yuki Akita**, Tokyo (JP)
- (73) Assignee: **SMK Corporation**, Tokyo (JP)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/598,493**
- (22) Filed: **Mar. 27, 2017**

Related U.S. Application Data

- (62) Division of application No. 29/502,429, filed on Sep. 16, 2014, now Pat. No. Des. 784,306.

(30) **Foreign Application Priority Data**

- Mar. 17, 2014 (JP) 2014-5620
 - Mar. 17, 2014 (JP) 2014-5621
- (Continued)

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

- (52) **U.S. Cl.**
USPC **D13/158; D14/240**

- (58) **Field of Classification Search**
USPC D13/118, 158, 162, 170, 171, 172, 173,
D13/174, 184; D14/240; D15/5, 7, 9,
D15/143, 148, 199
- (Continued)

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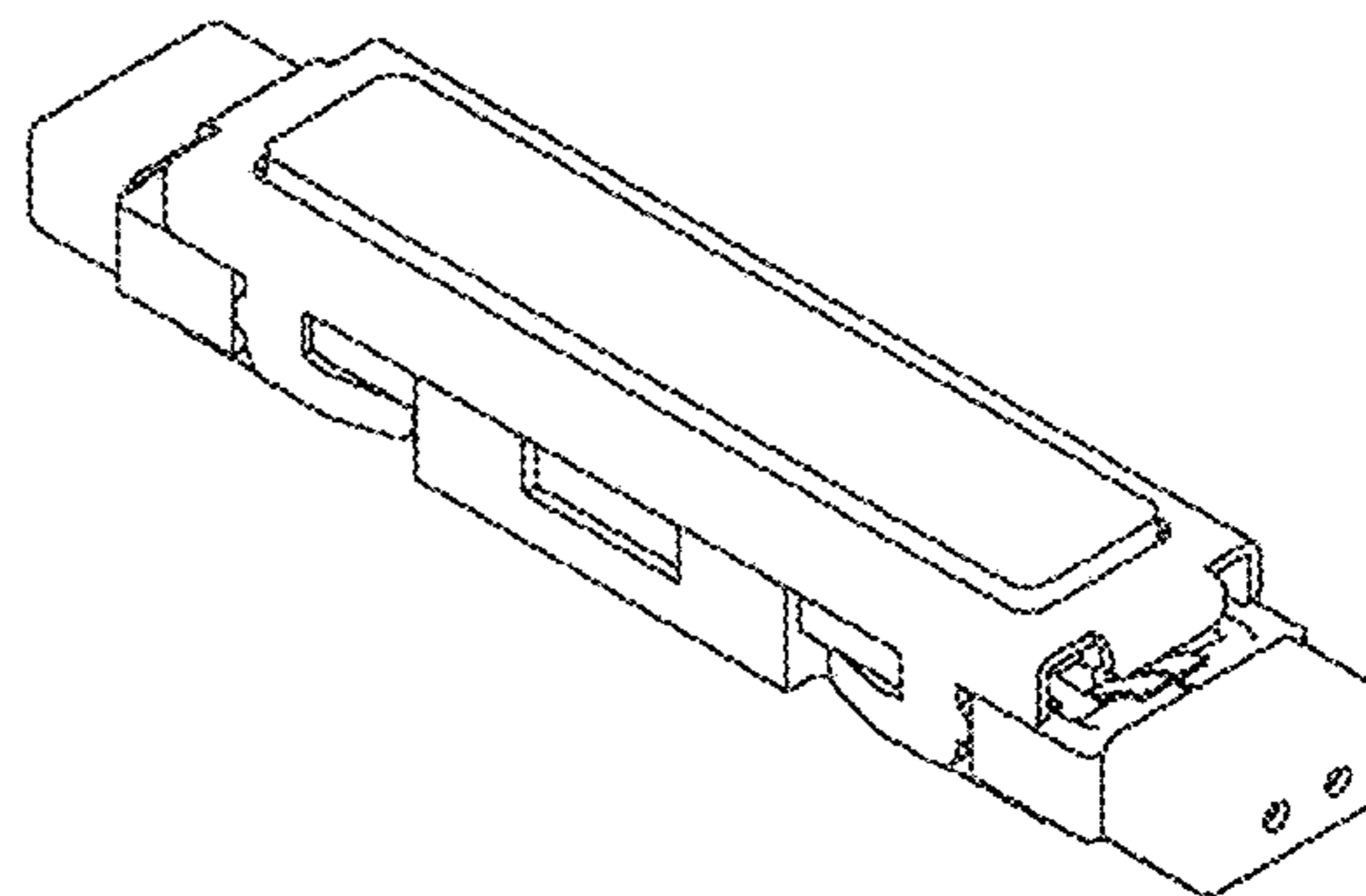
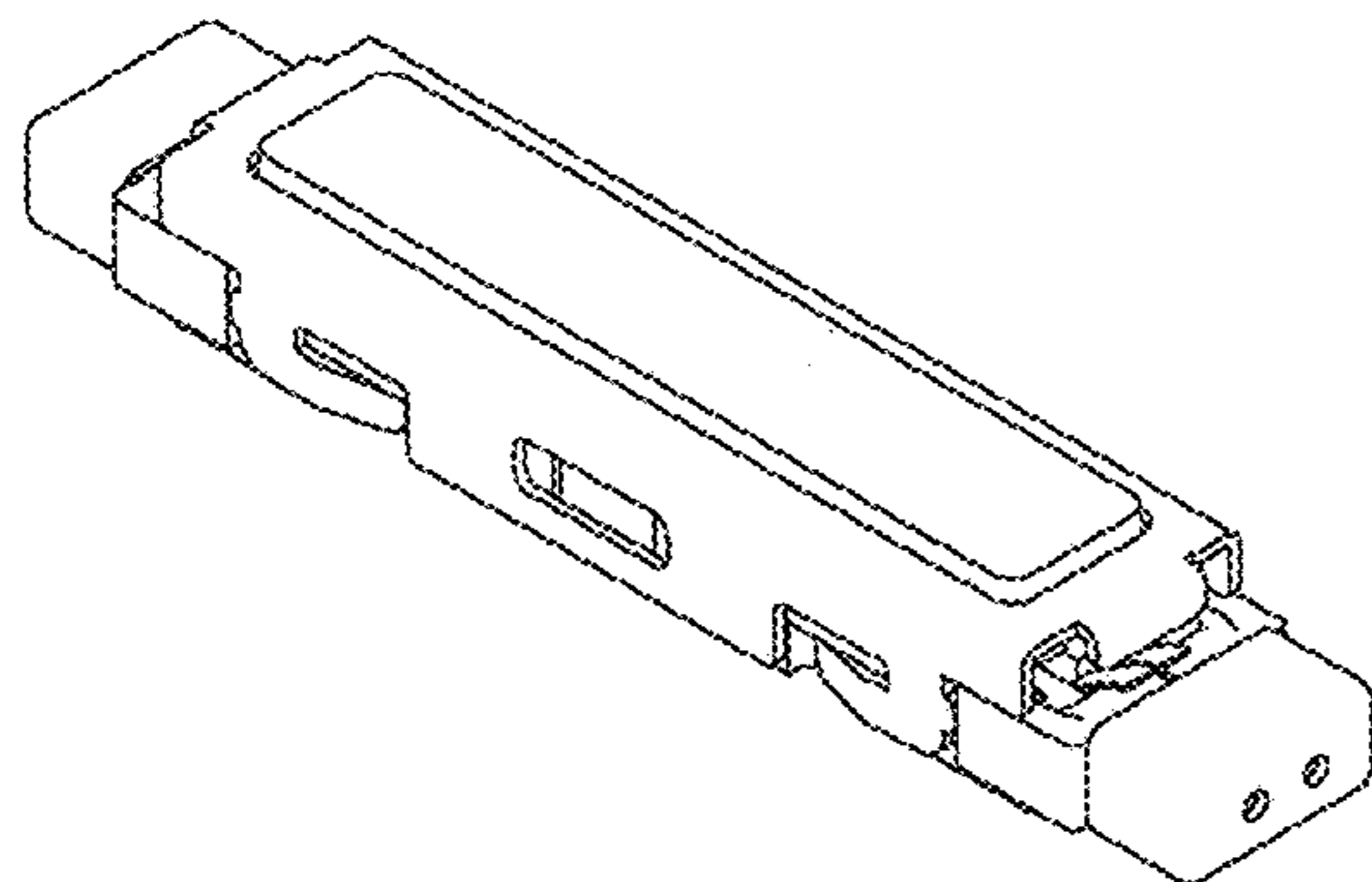
(57) **CLAIM**

The ornamental design for an actuator, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of an actuator according to a first embodiment of our new ornamental design;
 FIG. 2 is a rear perspective view thereof;
 FIG. 3 is a front view thereof;
 FIG. 4 is a rear view thereof;
 FIG. 5 is a top plan view thereof;
 FIG. 6 is a bottom plan view thereof;
 FIG. 7 is a right-side view thereof;
 FIG. 8 is a cross-sectional view taken along the line A-A in FIG. 3;
 FIG. 9 is a front perspective view of an actuator according to a second embodiment of our new ornamental design;
 FIG. 10 is a rear perspective view thereof;
 FIG. 11 is a front view thereof;
 FIG. 12 is a rear view thereof;
 FIG. 13 is a top plan view thereof;
 FIG. 14 is a bottom plan view thereof;
 FIG. 15 is a right-side view thereof; and,
 FIG. 16 is a cross-sectional view taken along the line A-A in FIG. 11.

1 Claim, 8 Drawing Sheets



(30) **Foreign Application Priority Data**

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 Aug. 26, 2014 (JP) 2014-18572
 Aug. 26, 2014 (JP) 2014-18573

(58) **Field of Classification Search**

CPC .. F16H 25/20; F16H 25/2041; F16H 25/2065;
 F16H 25/2081; F16H 25/2087
 See application file for complete search history.

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FIG. 1

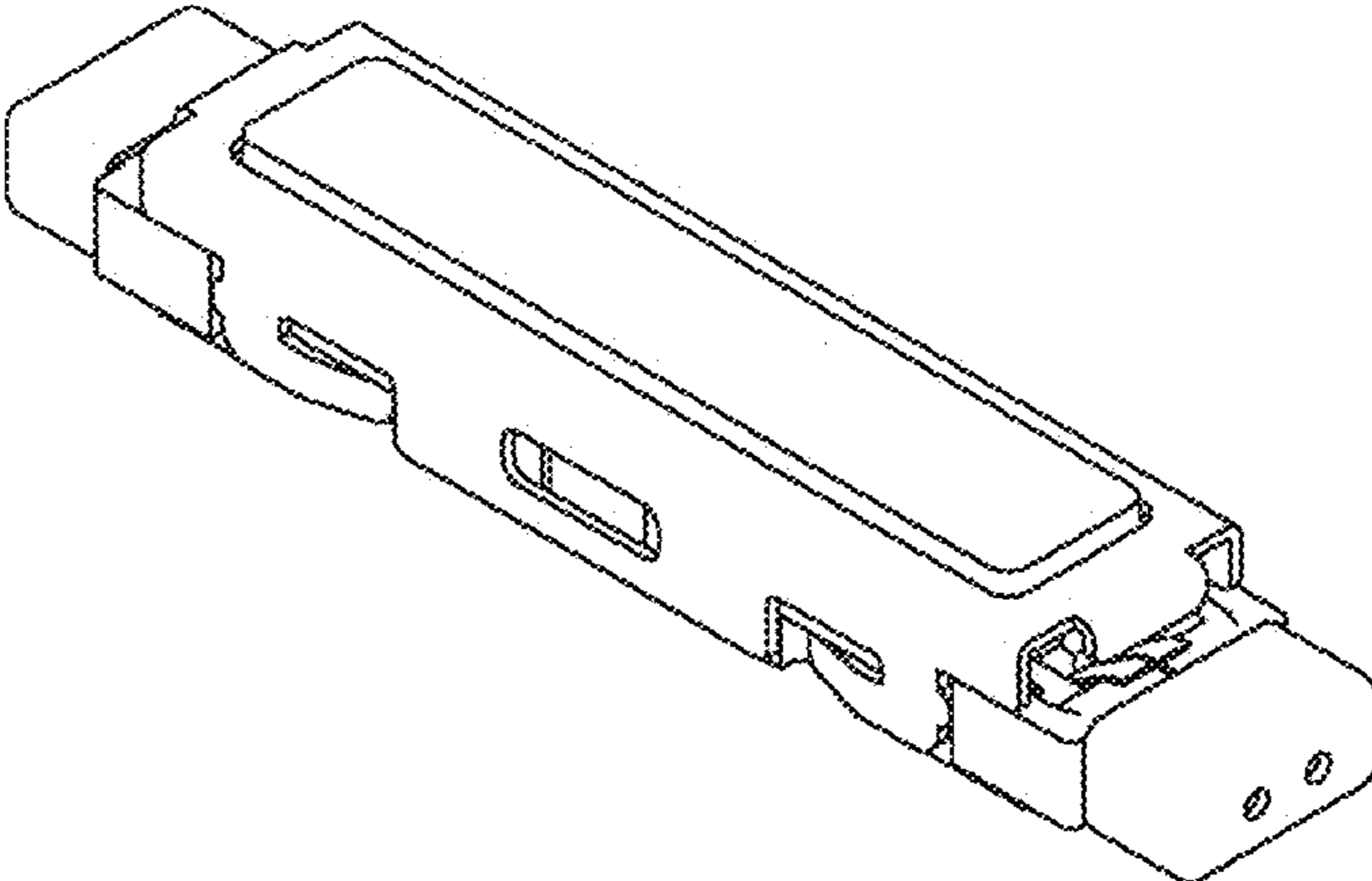


FIG. 2

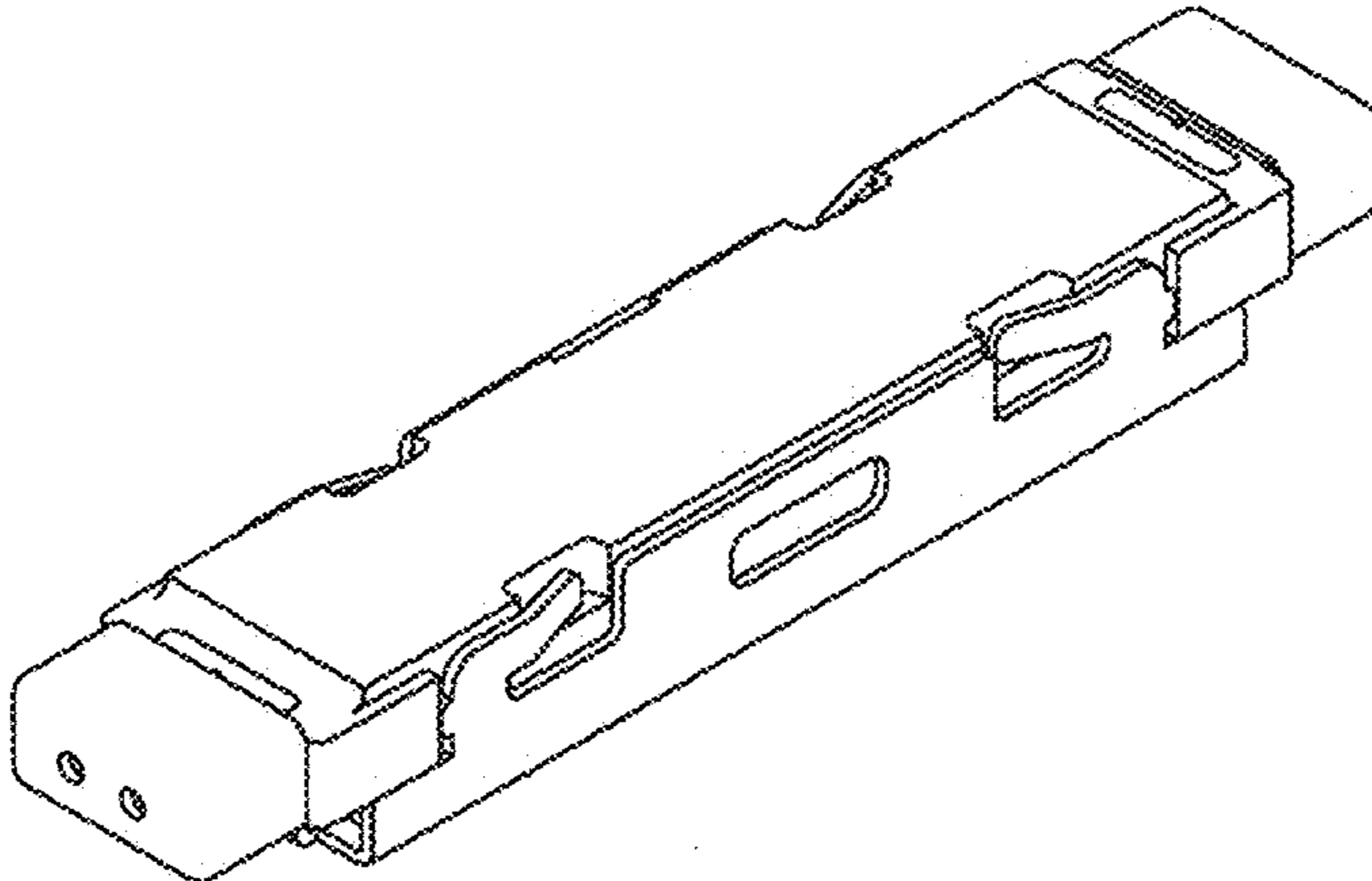


FIG. 3

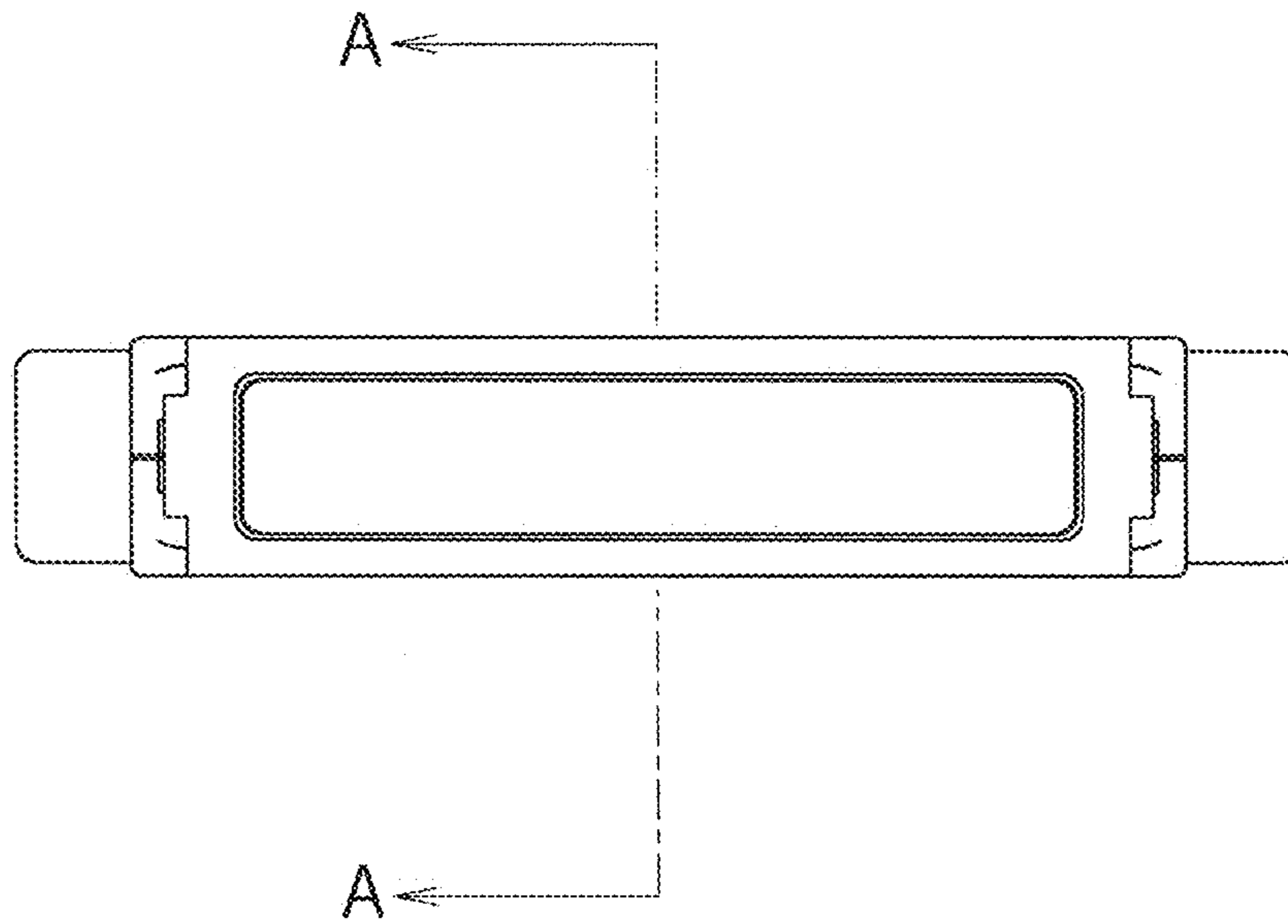


FIG. 4



FIG. 5

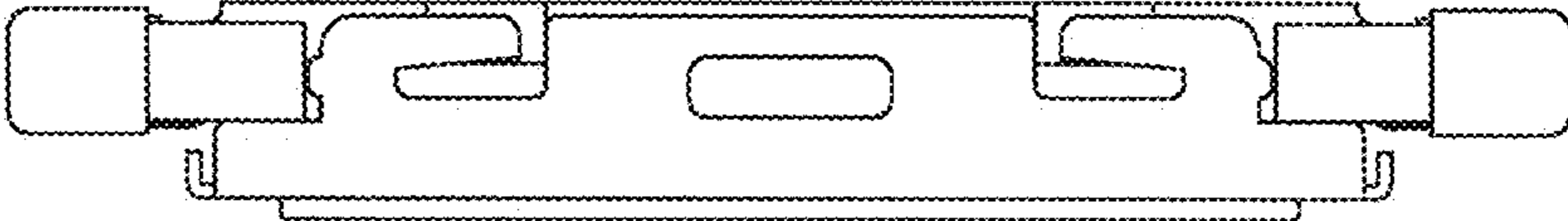


FIG. 6

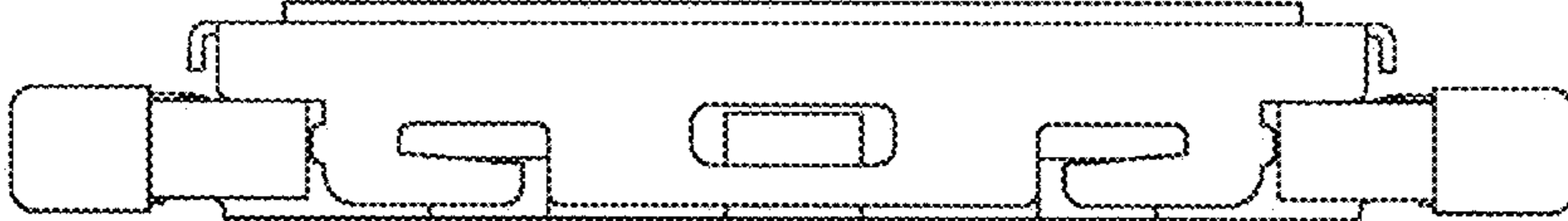


FIG. 7

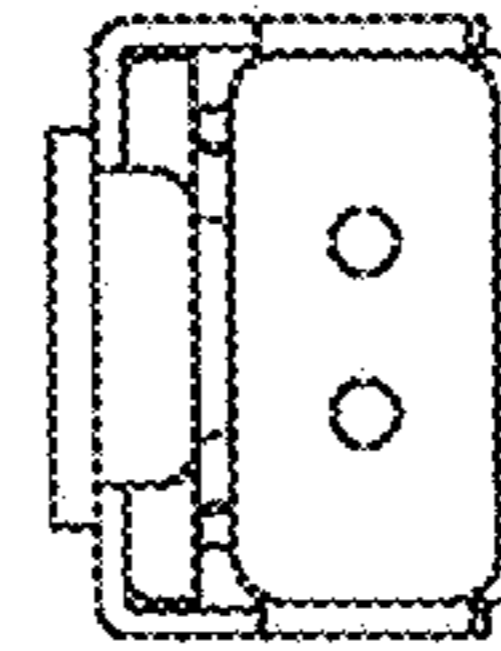


FIG. 8

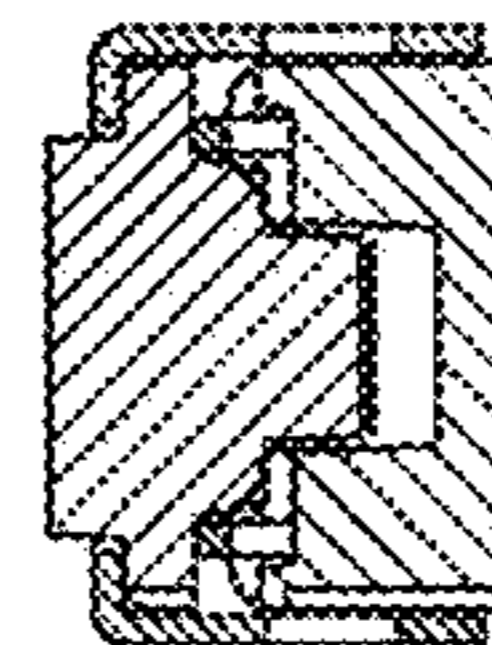


FIG. 9

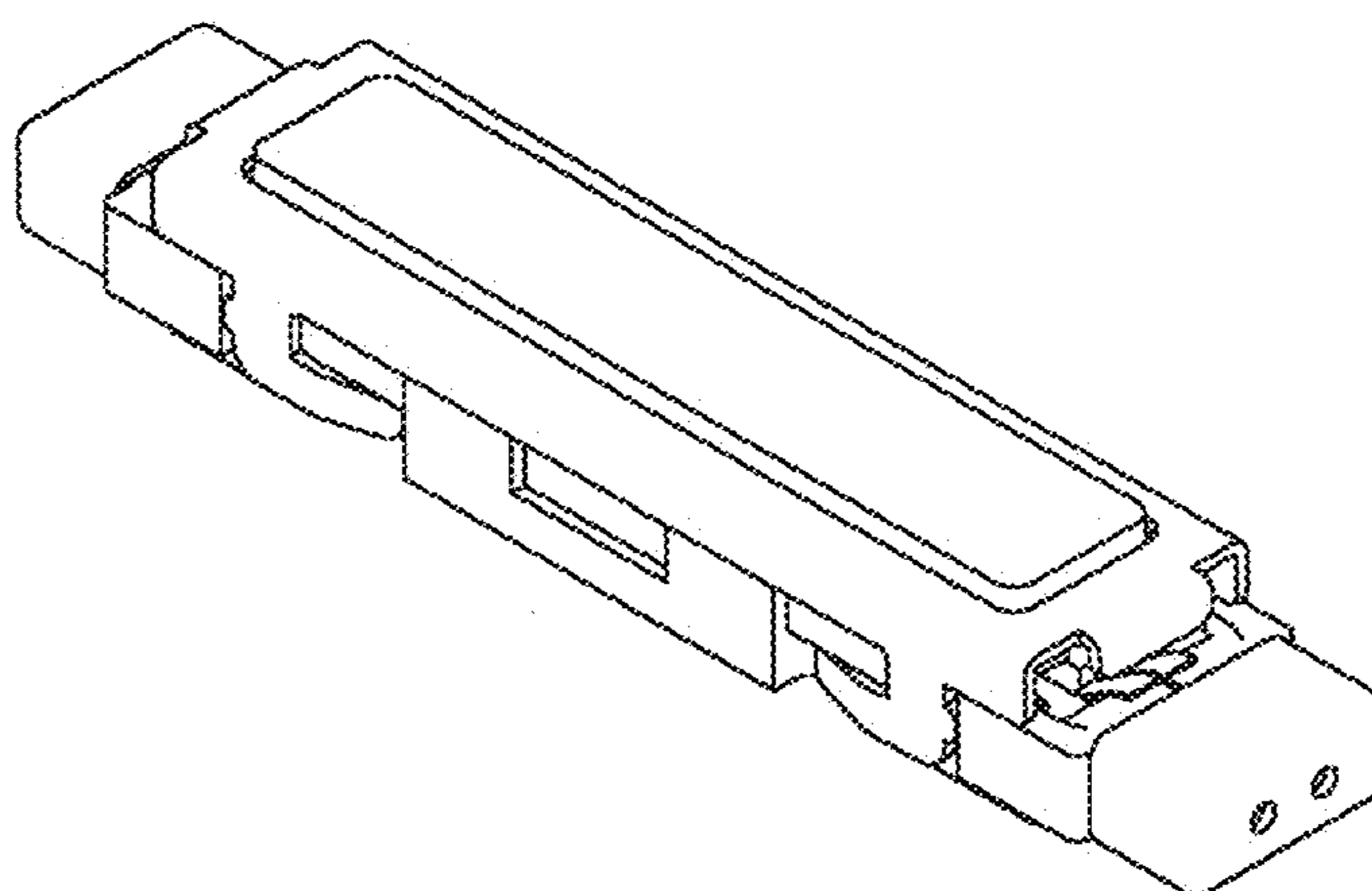


FIG. 10

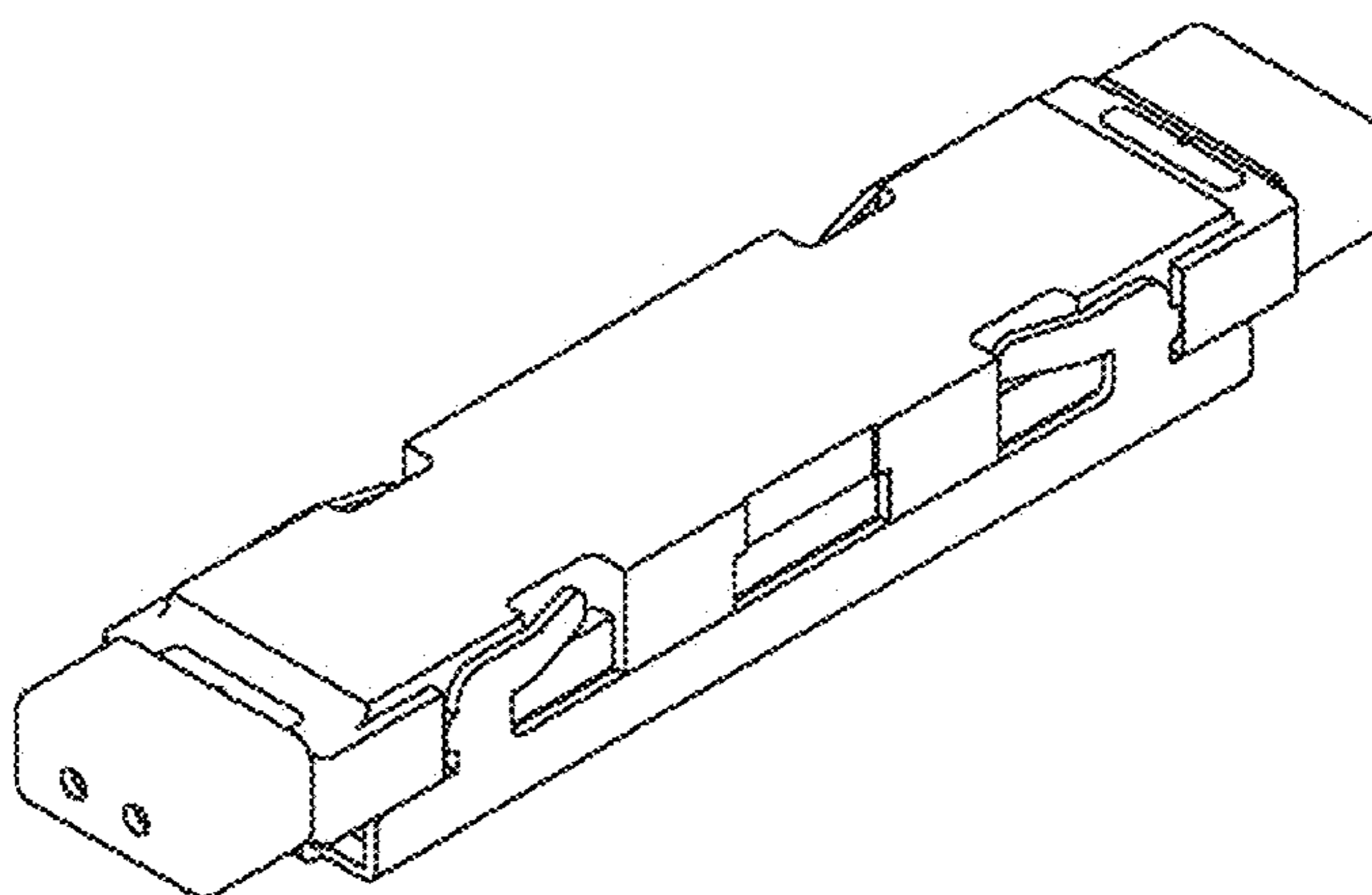


FIG. 11

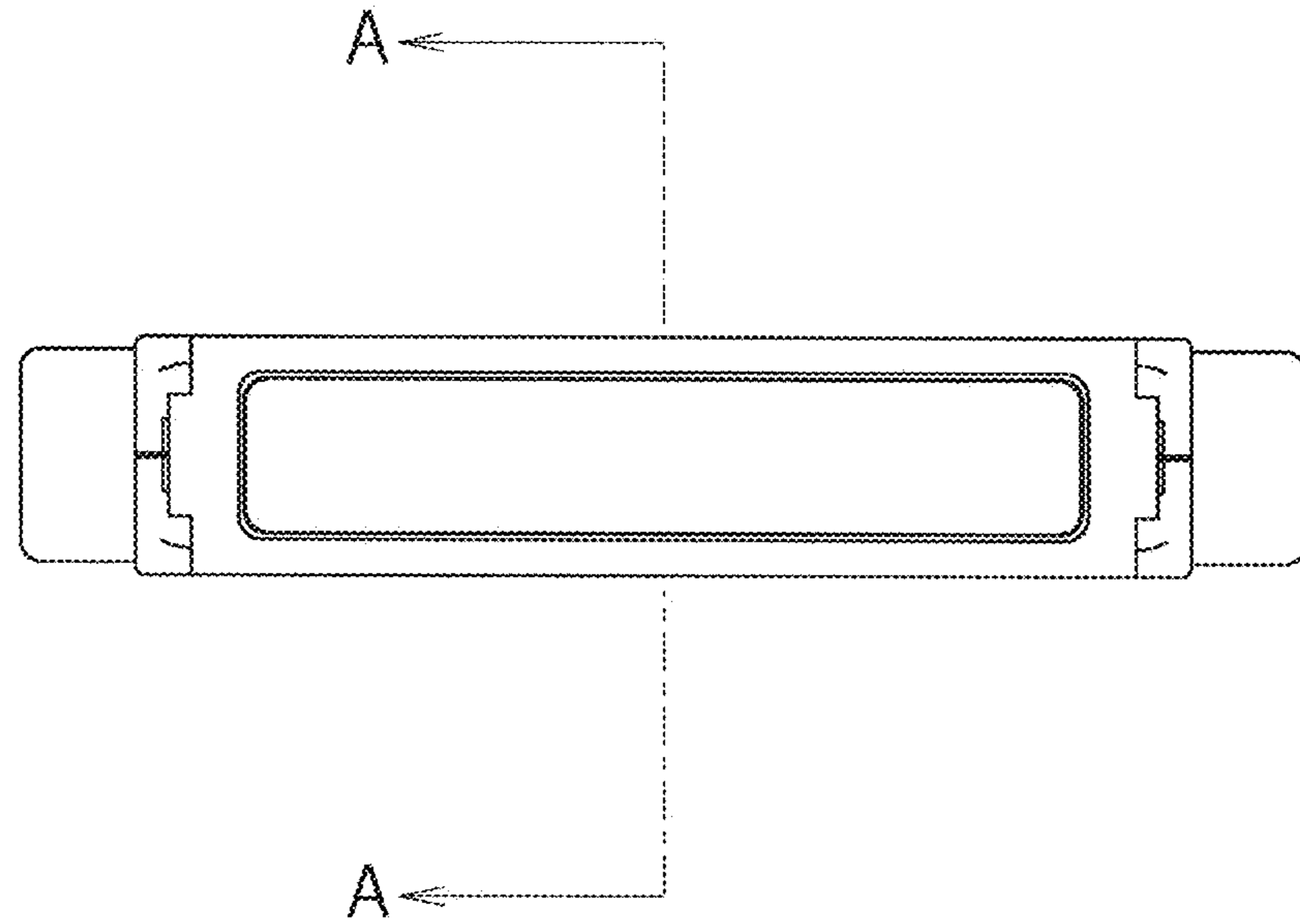


FIG. 12

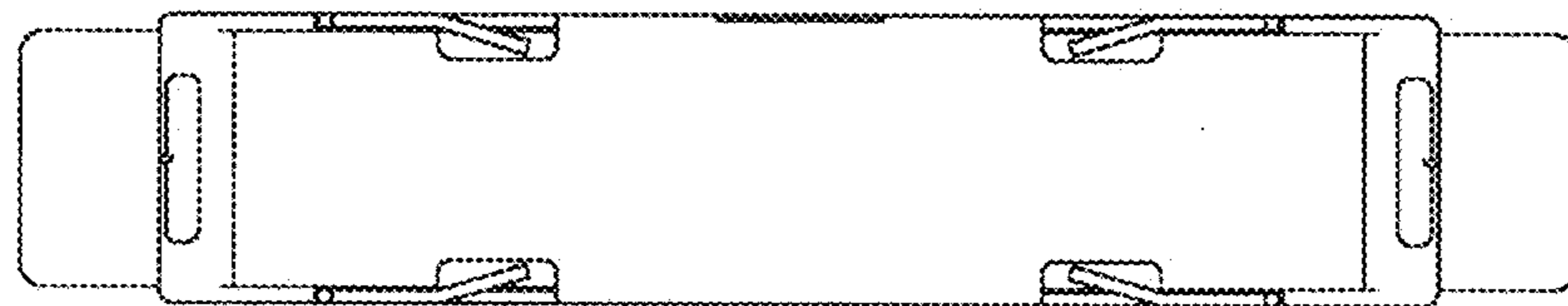


FIG. 13

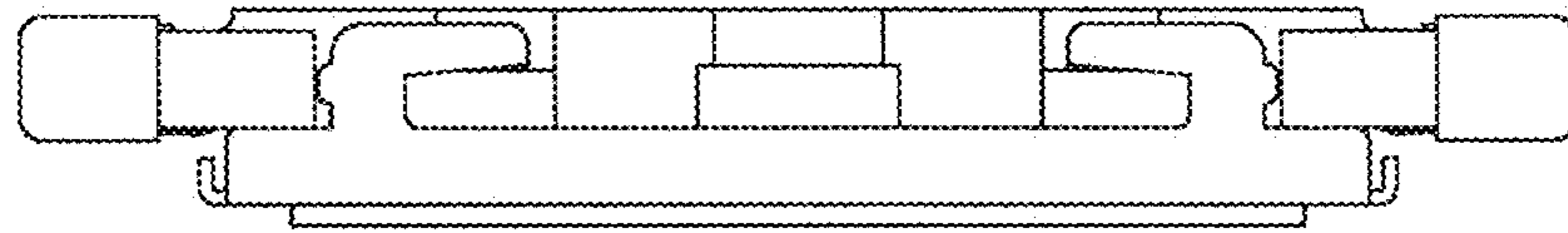


FIG. 14

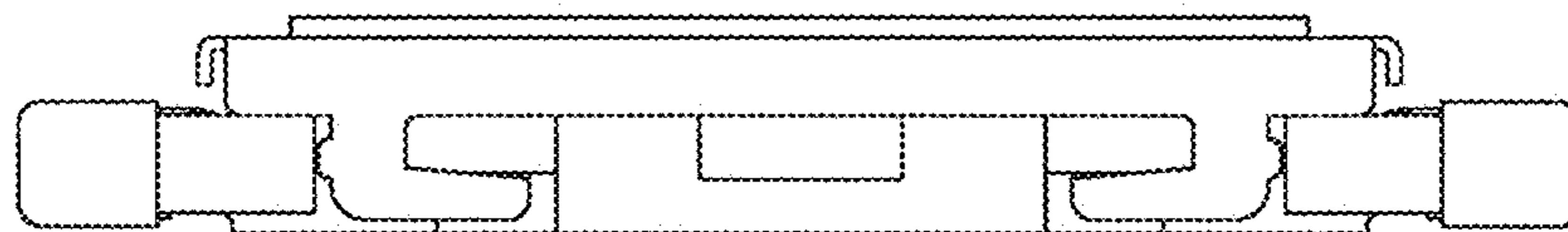


FIG. 15

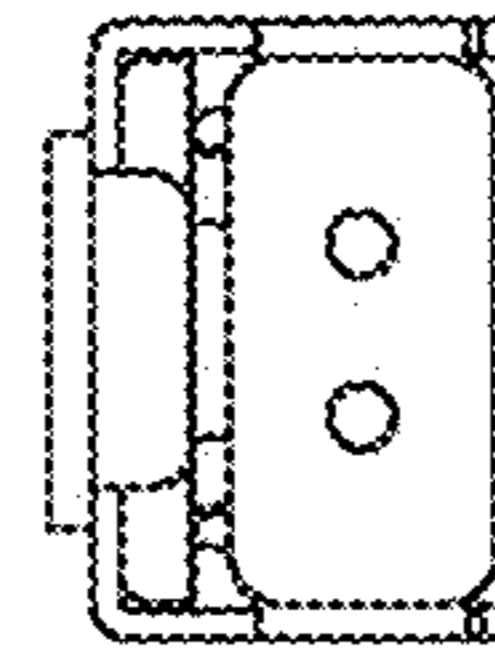


FIG. 16

