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

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(54) **ELECTRICAL CONNECTOR**

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

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(30) **Foreign Application Priority Data**

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

(52) **U.S. Cl.**
USPC **D13/133**

(58) **Field of Classification Search**

USPC D13/101, 110, 118, 120, 123, 133, 134,
D13/146-149, 152-154, 173, 175, 177,
D13/178, 184, 199

CPC H01R 13/00; H01R 13/02; H01R 13/11;
H01R 13/40; H01R 13/51; H01R 13/533;
H01R 13/64; H01R 13/65; H01R 13/66;
H01R 13/74; H01R 24/60

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D318,266 S * 7/1991 Matsuzaki D13/147
D488,777 S * 4/2004 Ushiro D13/133
D539,744 S * 4/2007 Hu D13/147
D591,685 S * 5/2009 Hung D13/147
D654,026 S * 2/2012 Shioda D13/133

D665,357 S * 8/2012 Ohtsuji D13/147
D684,118 S * 6/2013 Yang D13/133
D689,822 S * 9/2013 Yang D13/133
D774,457 S * 12/2016 Urano D13/133
D791,706 S * 7/2017 Li D13/147
D802,538 S * 11/2017 Li D13/147
2004/0151439 A1 * 8/2004 Ohtsuka G02B 6/3834
385/78

(Continued)

FOREIGN PATENT DOCUMENTS

JP 1226087 D 12/2004
JP 1342126 D 9/2008
JP 1387546 D 4/2010

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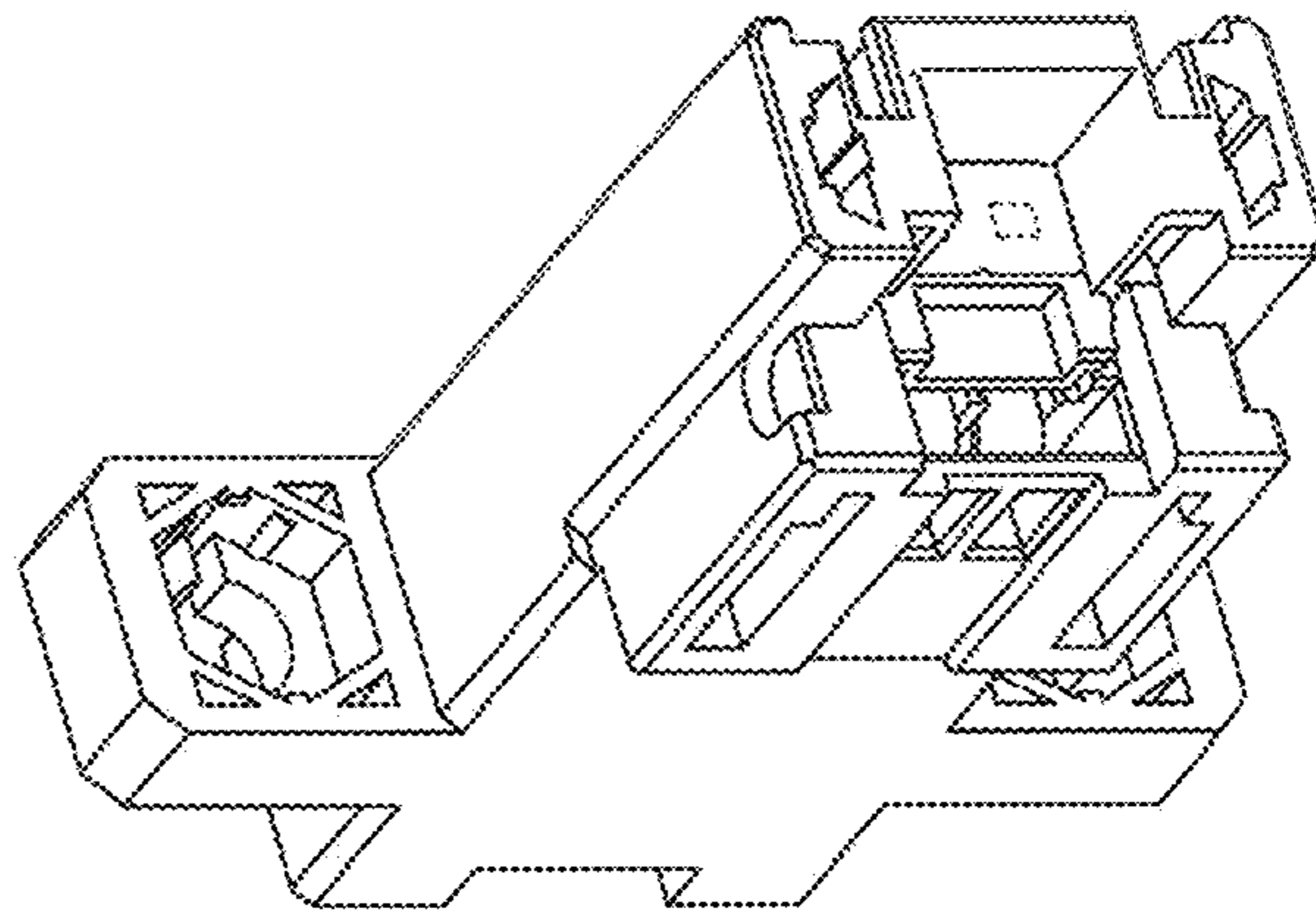
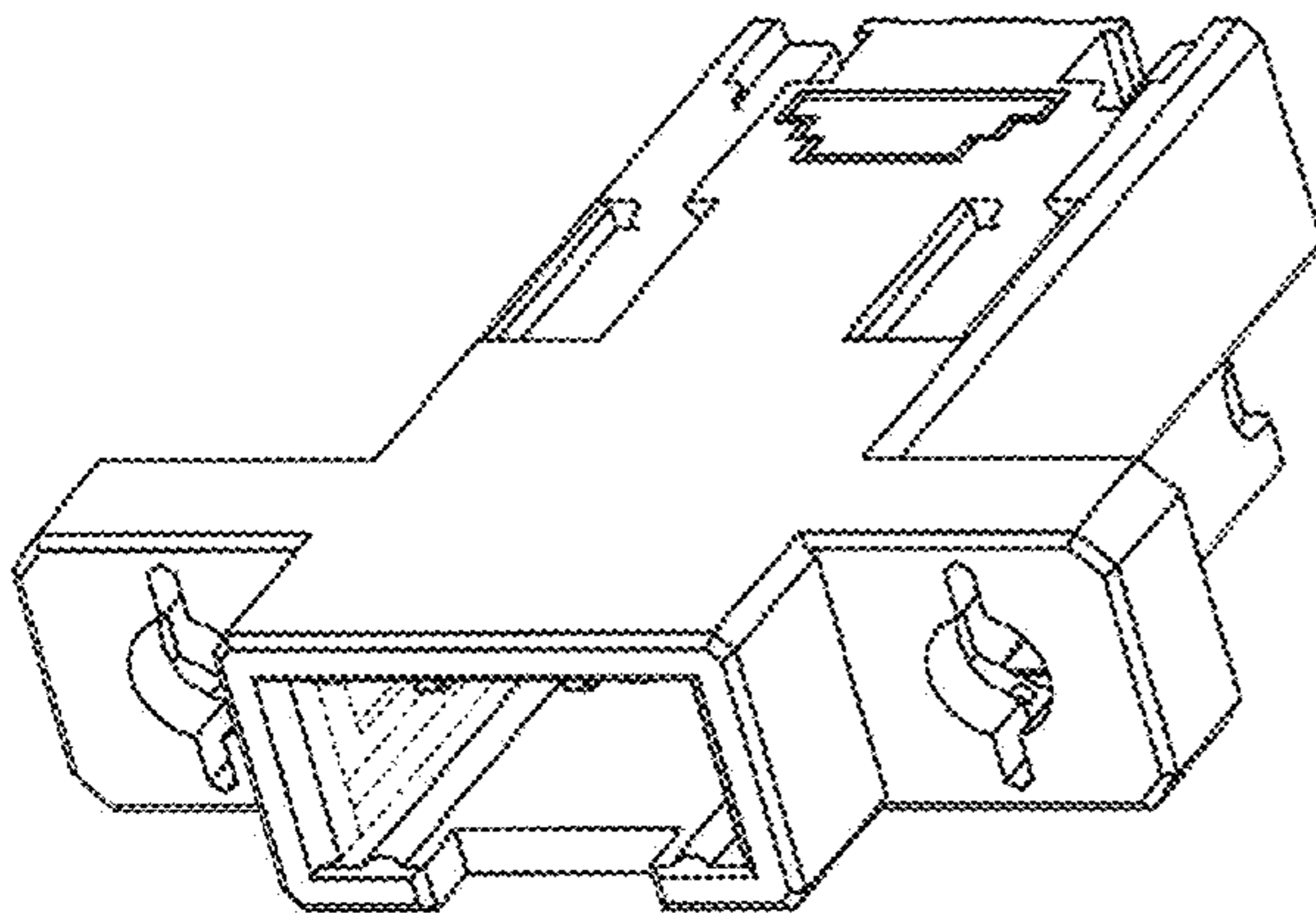
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a top elevation view of an electrical connector, showing the new design;
FIG. 2 is a front plan view thereof;
FIG. 3 is a rear plan view thereof;
FIG. 4 is a bottom plan view thereof;
FIG. 5 is a left side elevation view thereof;
FIG. 6 is a right side elevation view thereof;
FIG. 7 is a front, top and right side perspective view thereof;
FIG. 8 is a rear, top and left side perspective view thereof;
FIG. 9 is a front, bottom and left side perspective view thereof; and,
FIG. 10 is a rear, bottom and right side perspective view.
The broken lines shown in the drawings are included for the purpose of illustrating environmental structure and form no part of the claimed design.

1 Claim, 10 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2012/0243831 A1* 9/2012 Chen G02B 6/3825
385/55
2015/0380851 A1* 12/2015 Zhao H01R 13/5837
439/626

* cited by examiner

Fig. 1

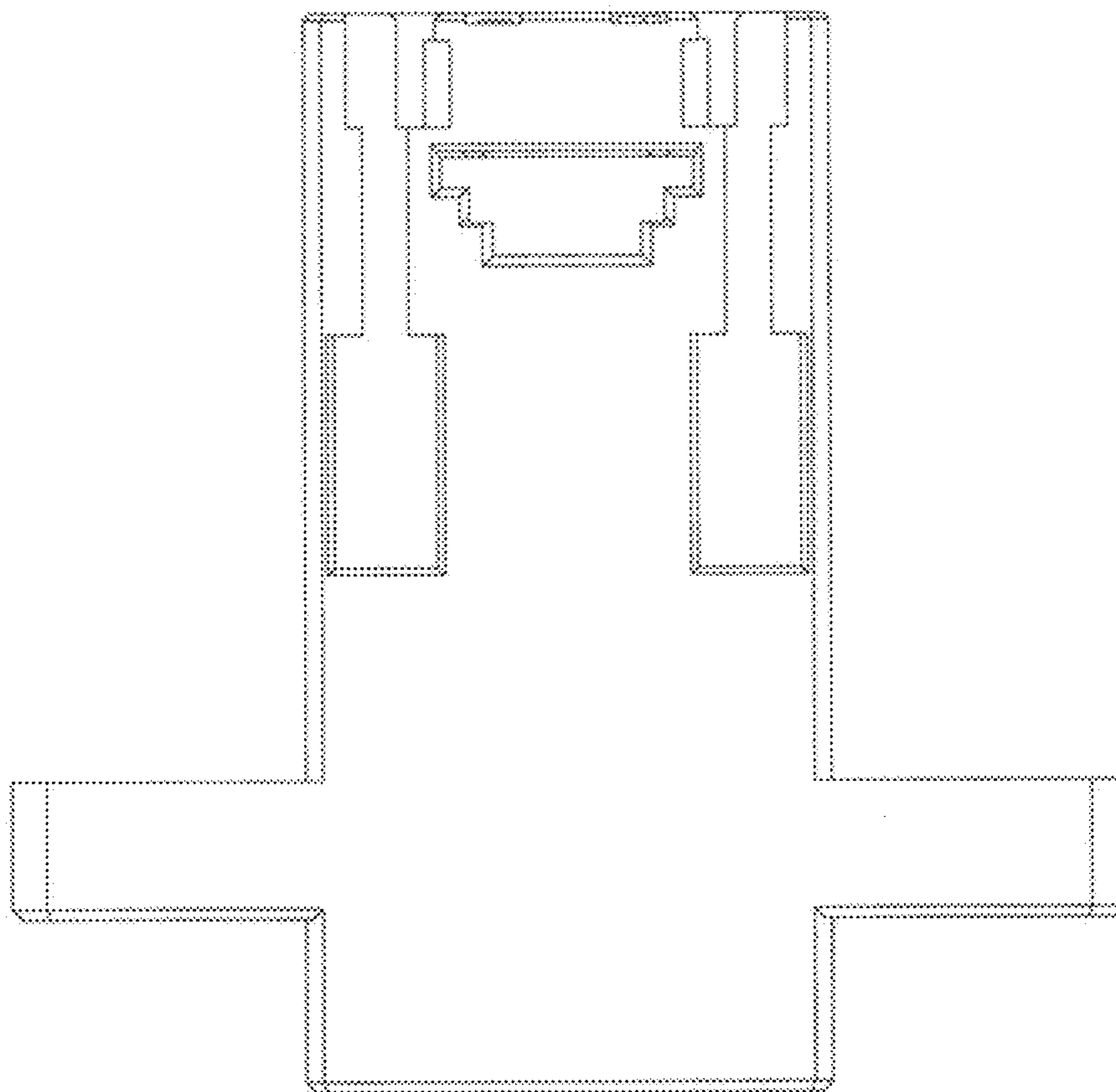


Fig. 2

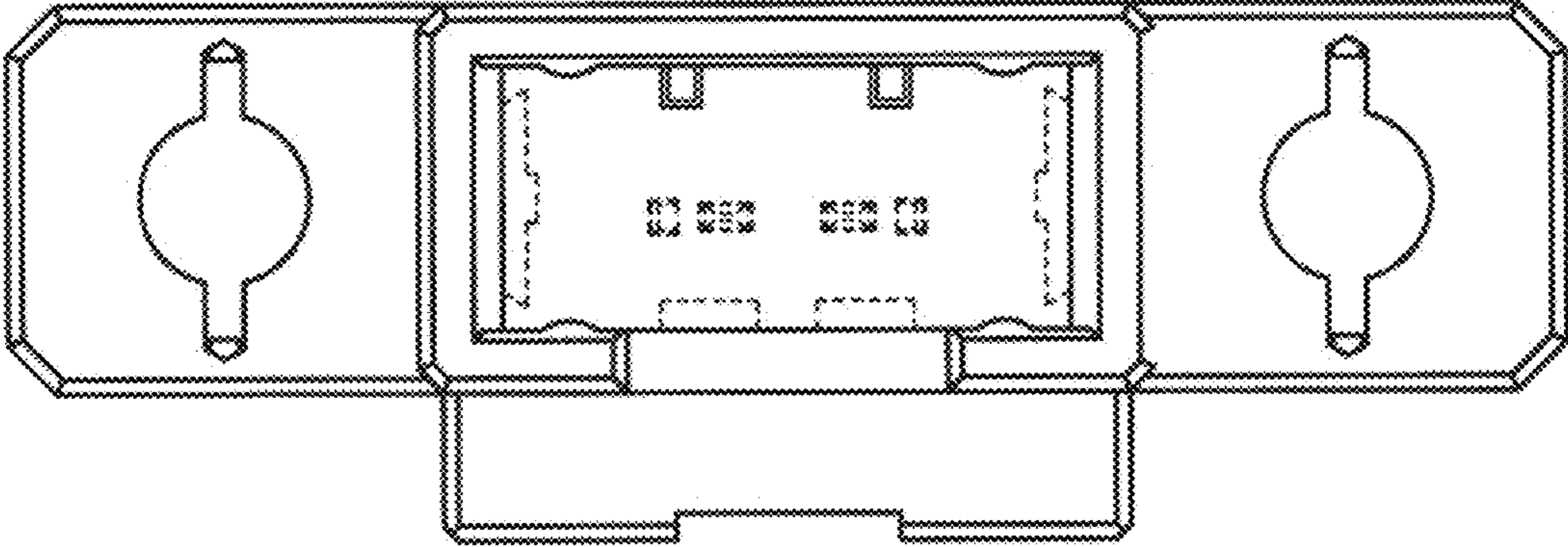


Fig. 3

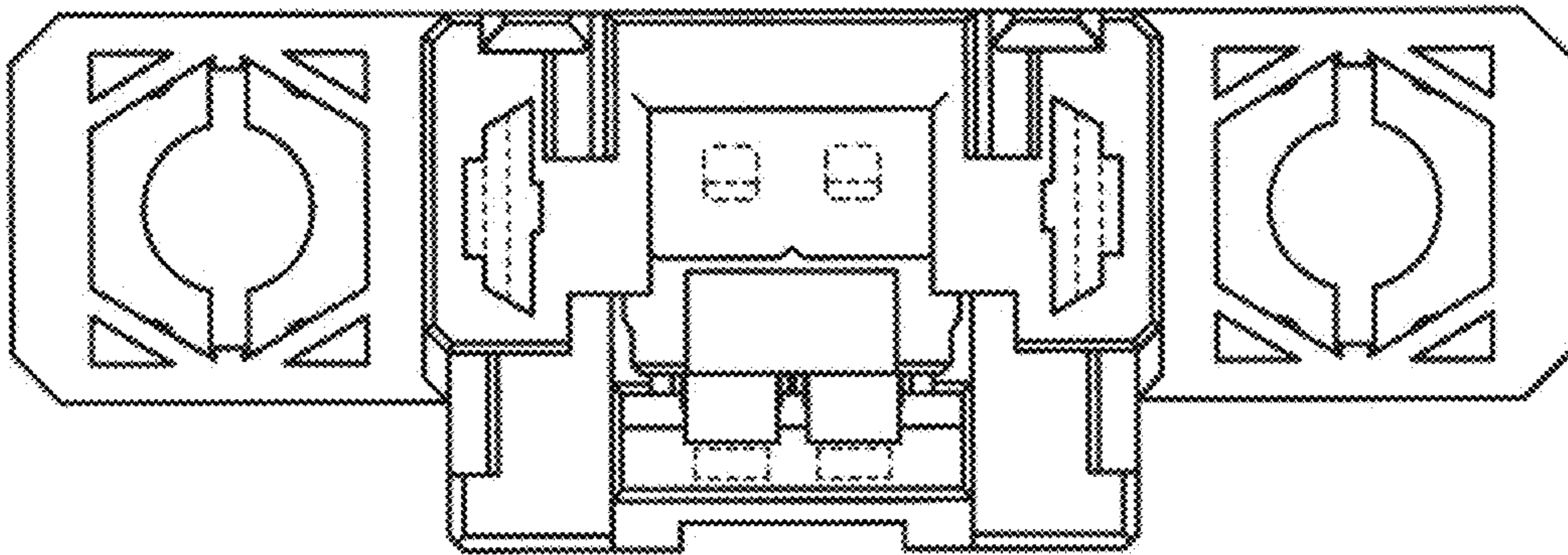


Fig. 4

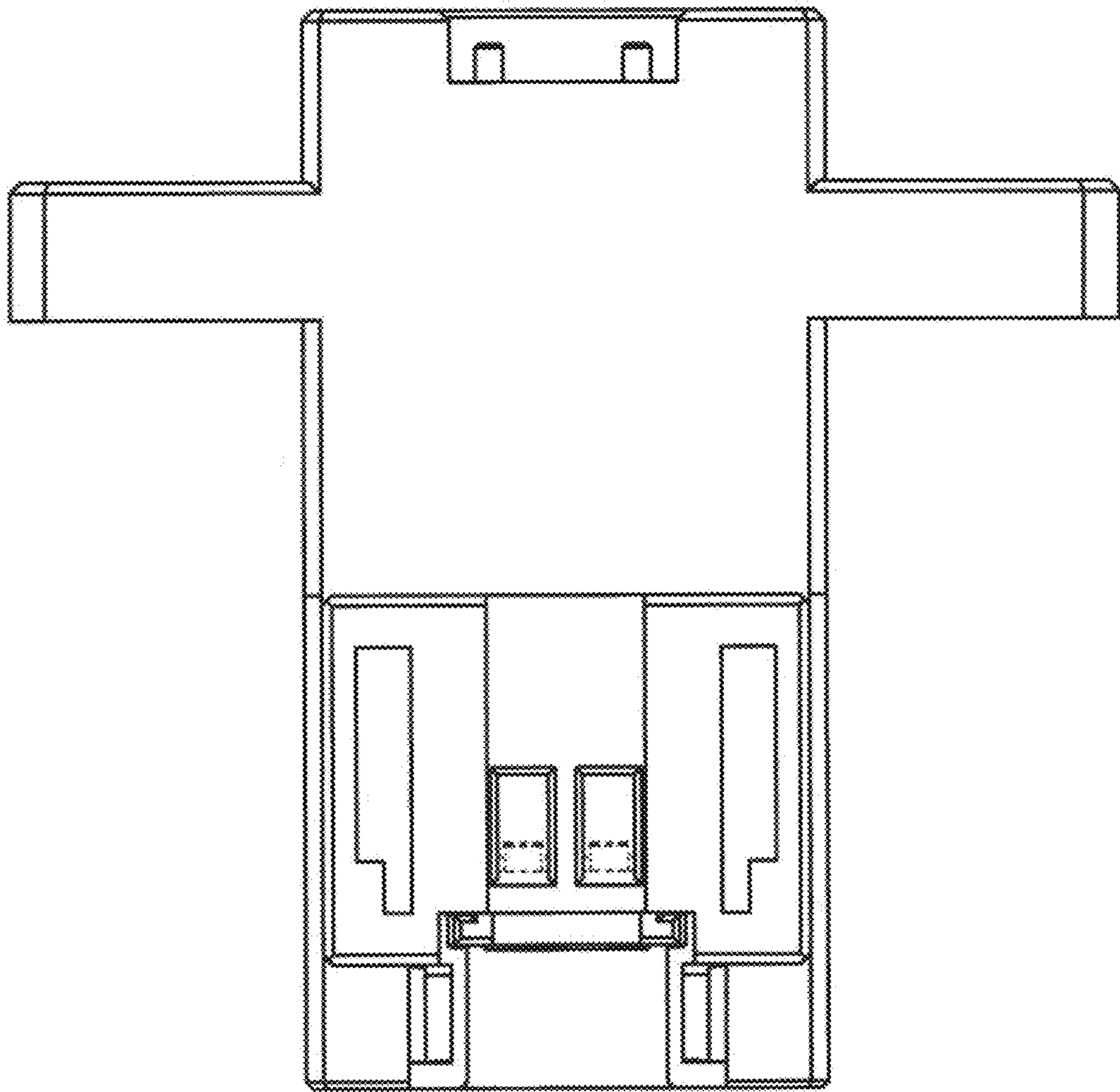


Fig. 5

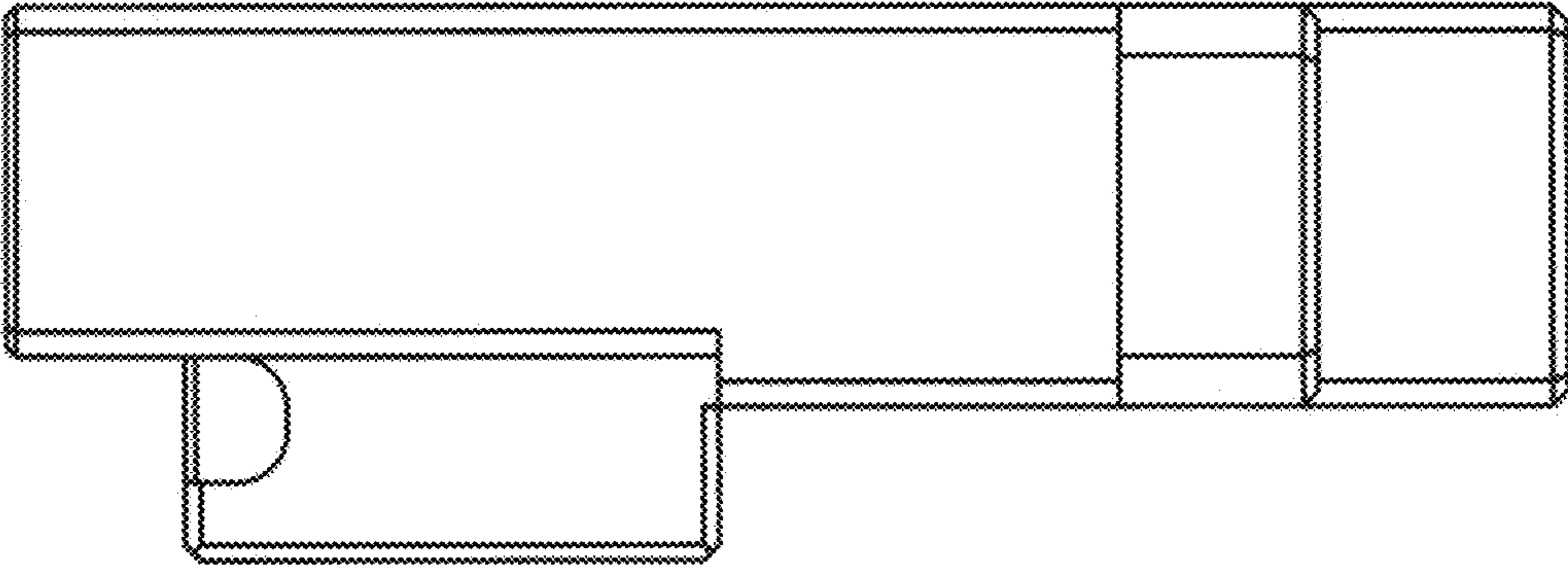


Fig. 6

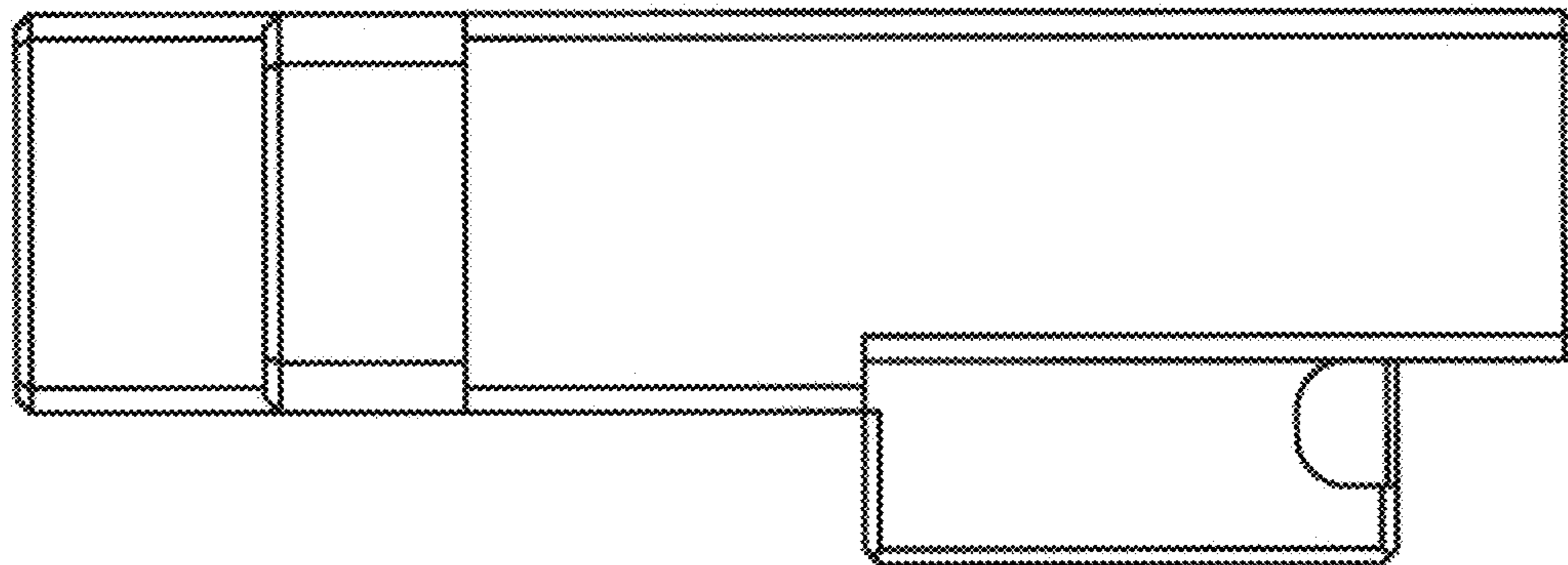


Fig. 7

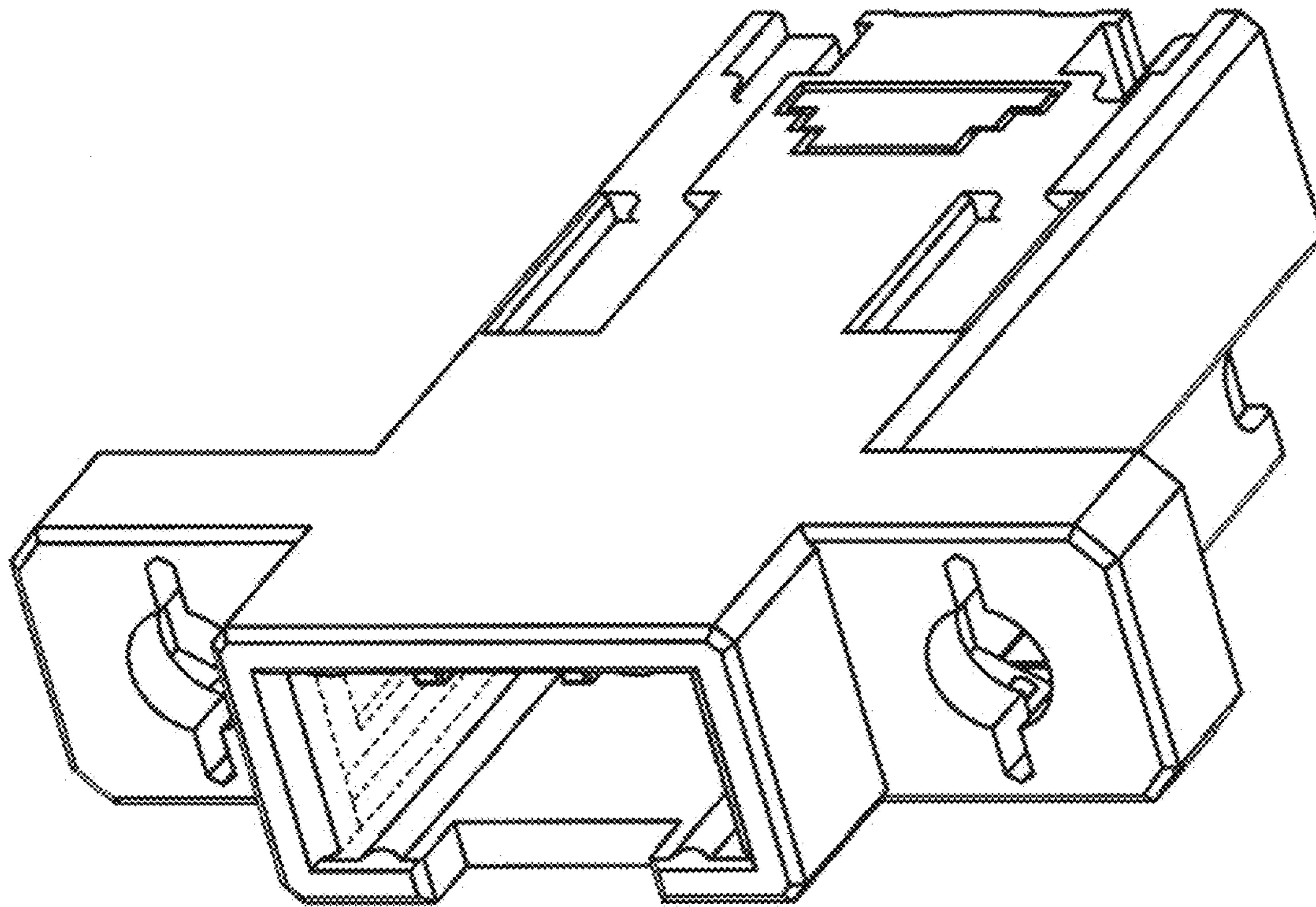


Fig. 8

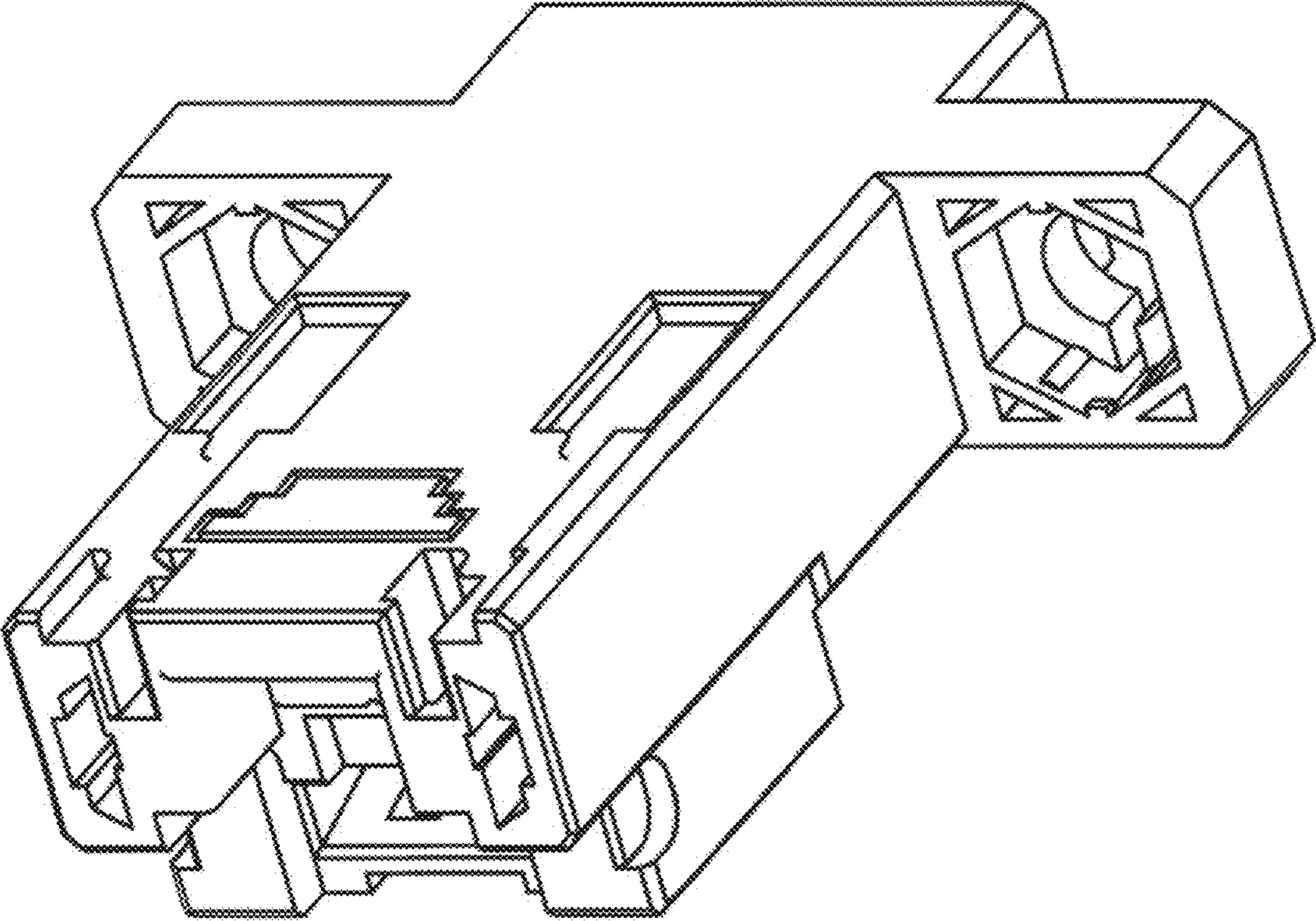


Fig. 9

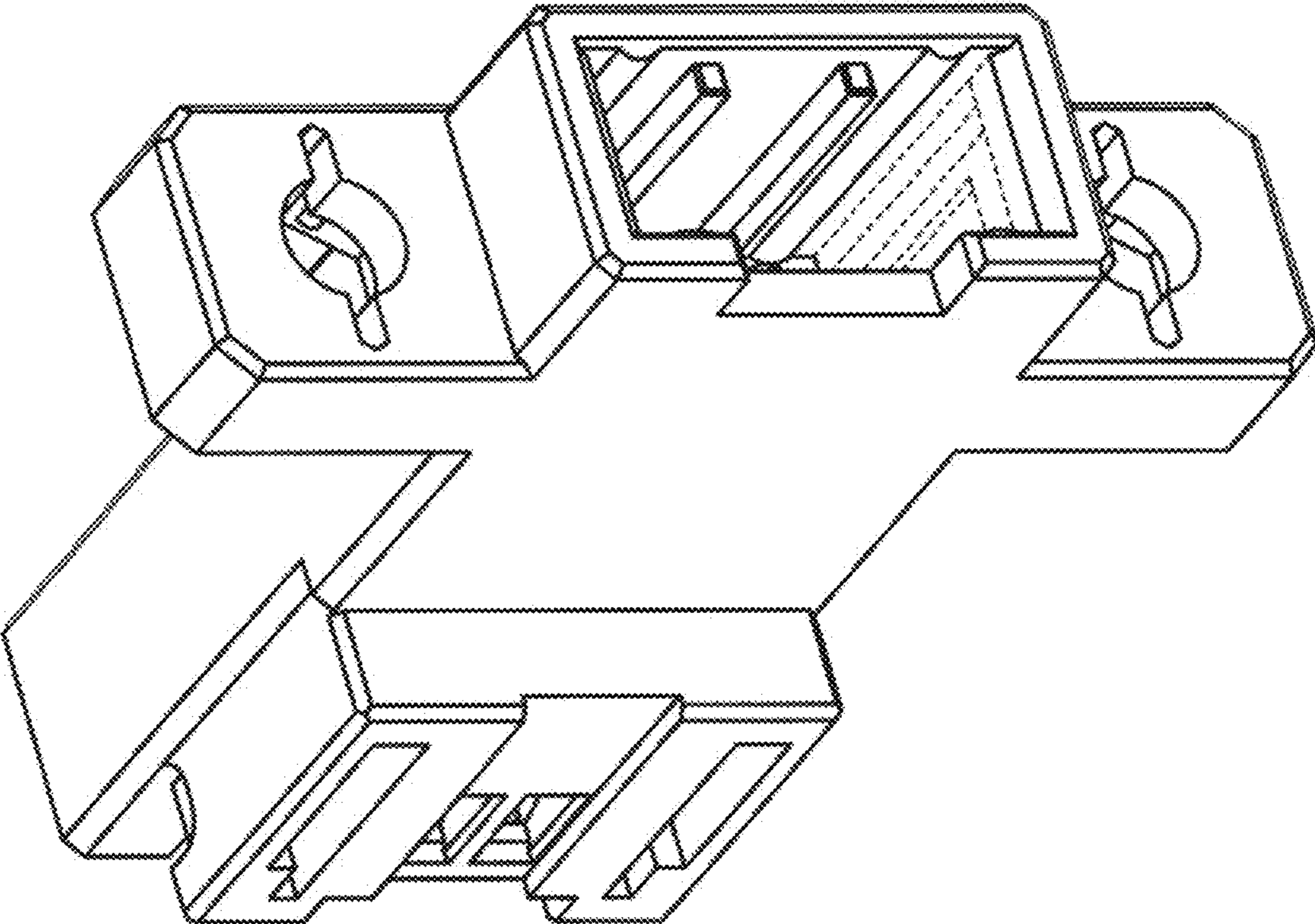


Fig. 10

