

US00D501183S

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

(10) **Patent No.: US D501,183 S**  
(45) **Date of Patent: \*\* Jan. 25, 2005**

(54) **CONNECTOR**

(75) Inventors: **Hiroshi Yamane, Kanagawa (JP); Junya Kajimoto, Kanagawa (JP)**

(73) Assignee: **J.S.T. Mfg. Co., Ltd., Osaka (JP)**

(\*\*) Term: **14 Years**

(21) Appl. No.: **29/183,061**

(22) Filed: **Jun. 6, 2003**

(30) **Foreign Application Priority Data**

Dec. 6, 2002 (JP) ..... D2002-033993

(51) **LOC (7) Cl. .... 13-03**

(52) **U.S. Cl. .... D13/147**

(58) **Field of Search .... D13/147; 439/260, 439/325, 329, 492, 495, 570, 607**

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

|           |    |   |         |                   |       |         |
|-----------|----|---|---------|-------------------|-------|---------|
| 5,904,586 | A  | * | 5/1999  | Takayasu          | ..... | 439/260 |
| 6,056,572 | A  | * | 5/2000  | Matsumoto et al.  | ..... | 439/260 |
| 6,099,346 | A  | * | 8/2000  | Hashiguchi et al. | ..... | 439/495 |
| 6,206,723 | B1 | * | 3/2001  | Kunishi           | ..... | 439/495 |
| 6,338,648 | B1 | * | 1/2002  | Miura et al.      | ..... | 439/495 |
| 6,352,442 | B1 | * | 3/2002  | Kudo              | ..... | 439/260 |
| 6,471,541 | B2 | * | 10/2002 | Kunishi et al.    | ..... | 439/495 |
| D470,109  | S  | * | 2/2003  | Yokoyama et al.   | ..... | D13/147 |
| D470,110  | S  | * | 2/2003  | Yamane            | ..... | D13/147 |
| 6,533,606 | B2 | * | 3/2003  | Yamane            | ..... | 439/495 |
| 6,679,713 | B2 | * | 1/2004  | Miura             | ..... | 439/260 |

**FOREIGN PATENT DOCUMENTS**

JP 1077247 S 7/2000

|    |         |   |         |
|----|---------|---|---------|
| JP | 1083550 | S | 8/2000  |
| JP | 1108092 | S | 5/2001  |
| JP | 1108250 | S | 5/2001  |
| JP | 1108251 | S | 5/2001  |
| JP | 1108252 | S | 5/2001  |
| JP | 1138432 | S | 4/2002  |
| JP | 1138433 | S | 4/2002  |
| JP | 1139129 | S | 4/2002  |
| JP | 1139130 | S | 4/2002  |
| JP | 1139131 | S | 4/2002  |
| JP | 1139132 | S | 4/2002  |
| JP | 1108250 | S | 8/2002  |
| JP | 1155686 | S | 10/2002 |

\* cited by examiner

*Primary Examiner*—Stella Reid

*Assistant Examiner*—Selina Sikder

(74) *Attorney, Agent, or Firm*—Rader, Fishman & Grauer PLLC

(57) **CLAIM**

The ornamental design for a connector, as shown.

**DESCRIPTION**

FIG. 1 is a perspective view of a connector showing our new design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a rear elevational view thereof;

FIG. 4 is a right side elevational view thereof;

FIG. 5 is a left side elevational view thereof;

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

**1 Claim, 4 Drawing Sheets**

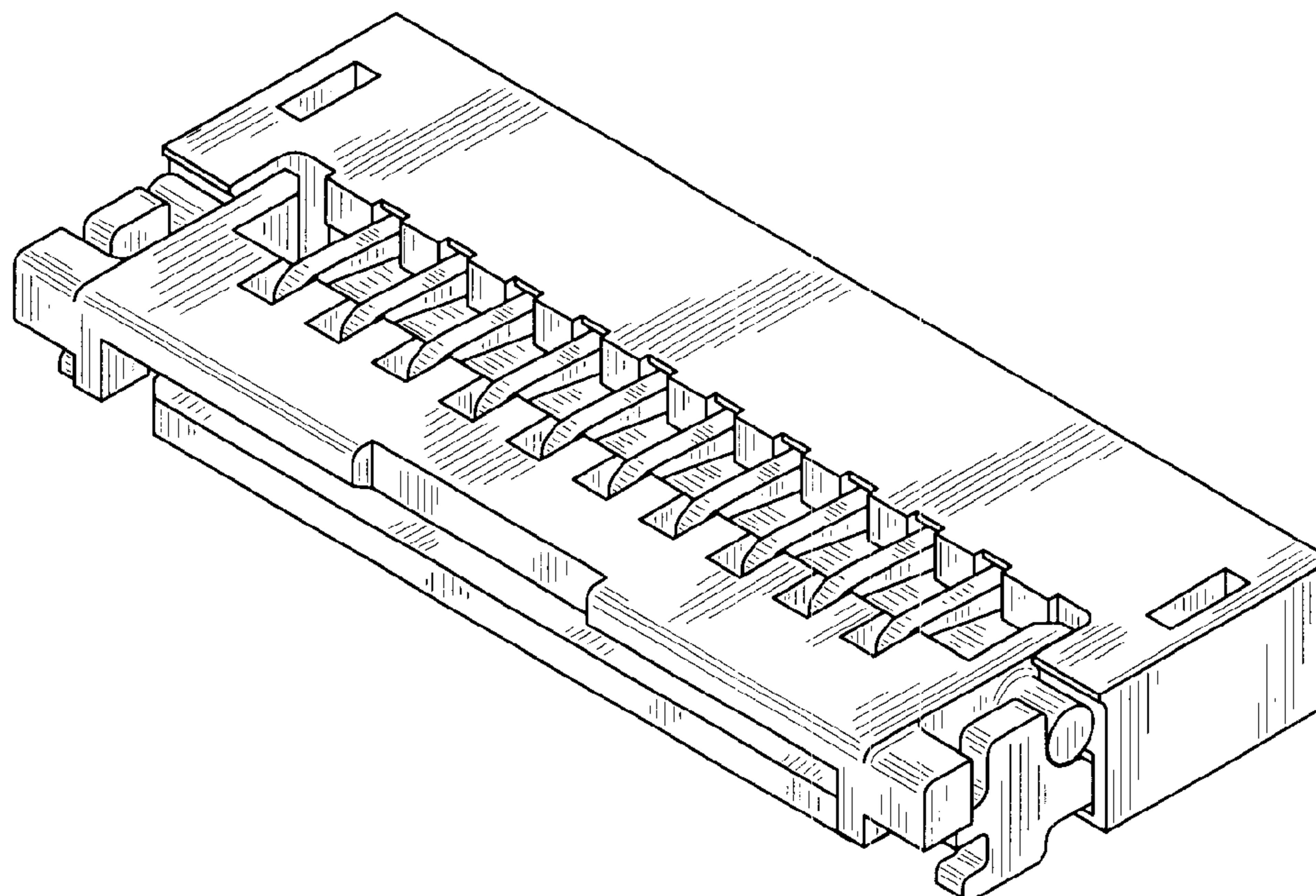


Fig. 1

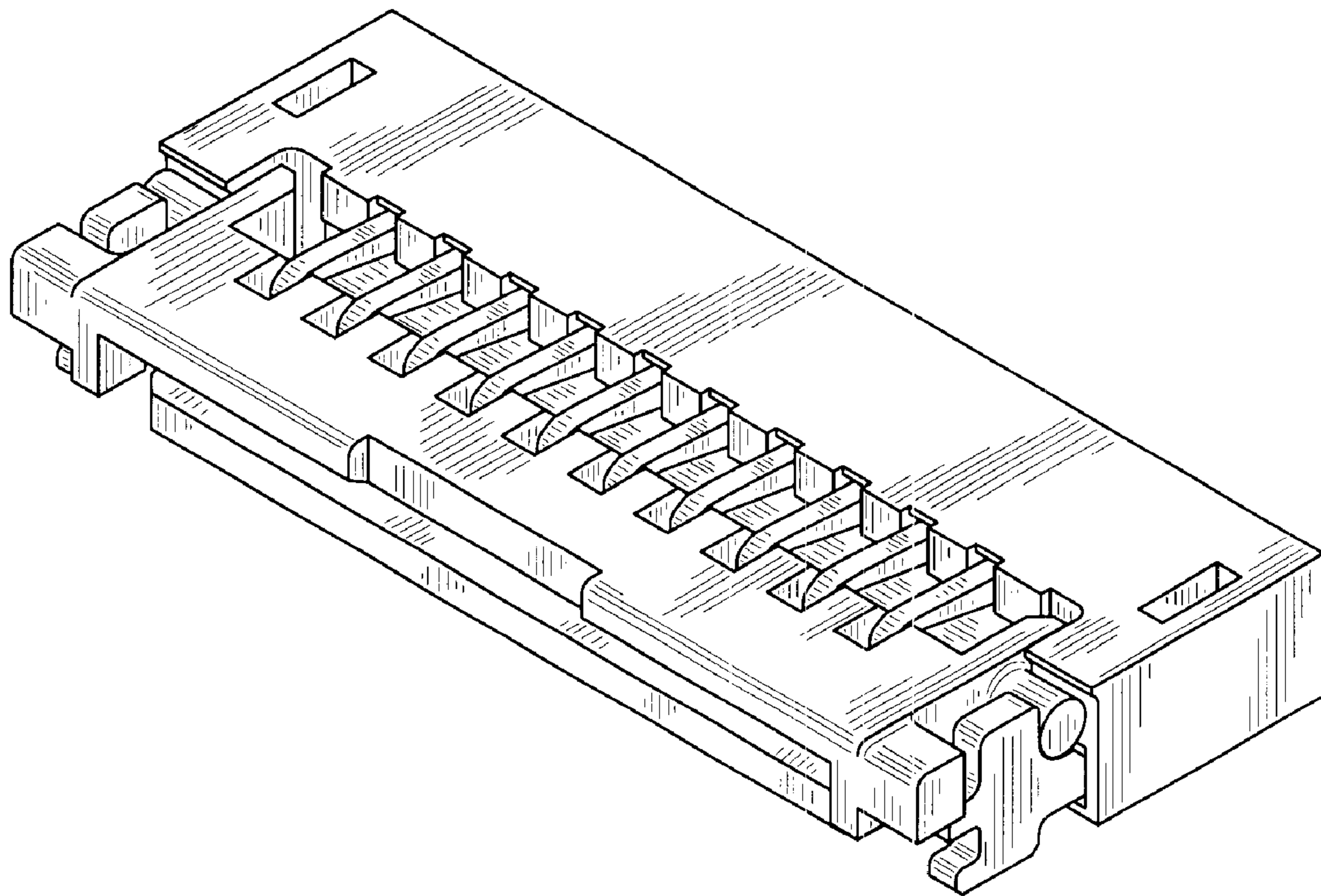


Fig.2

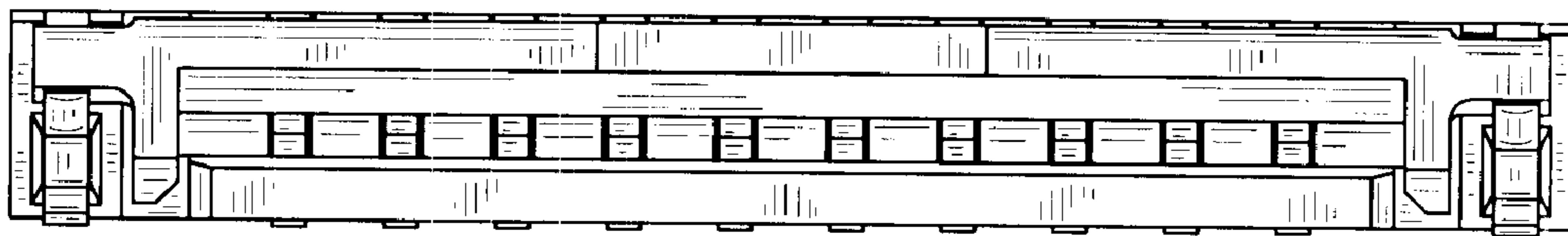


Fig.3

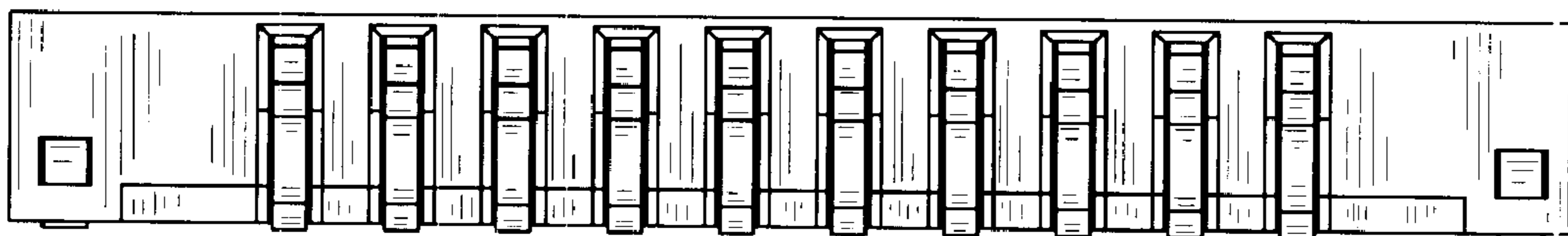


Fig.4

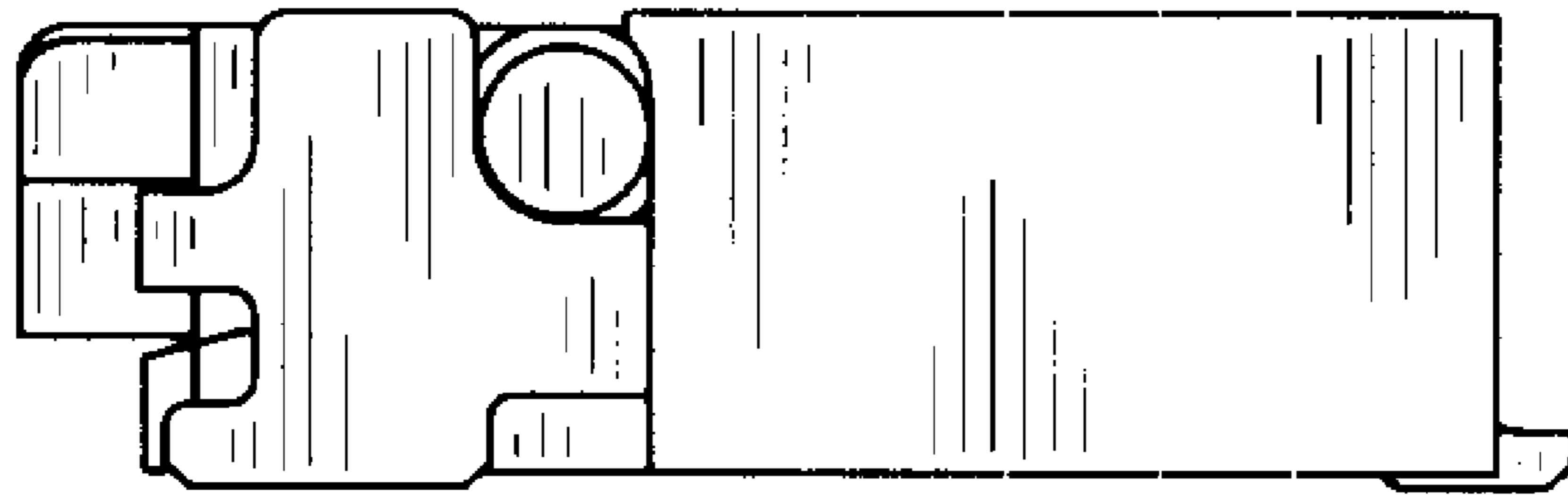


Fig.5

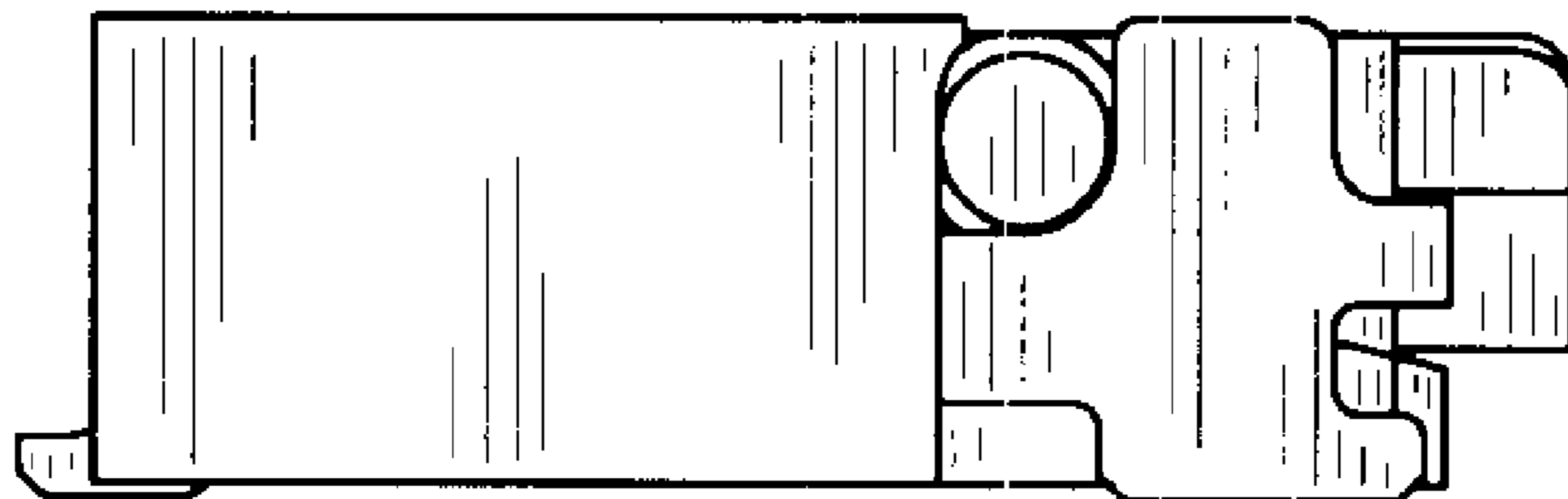


Fig.6

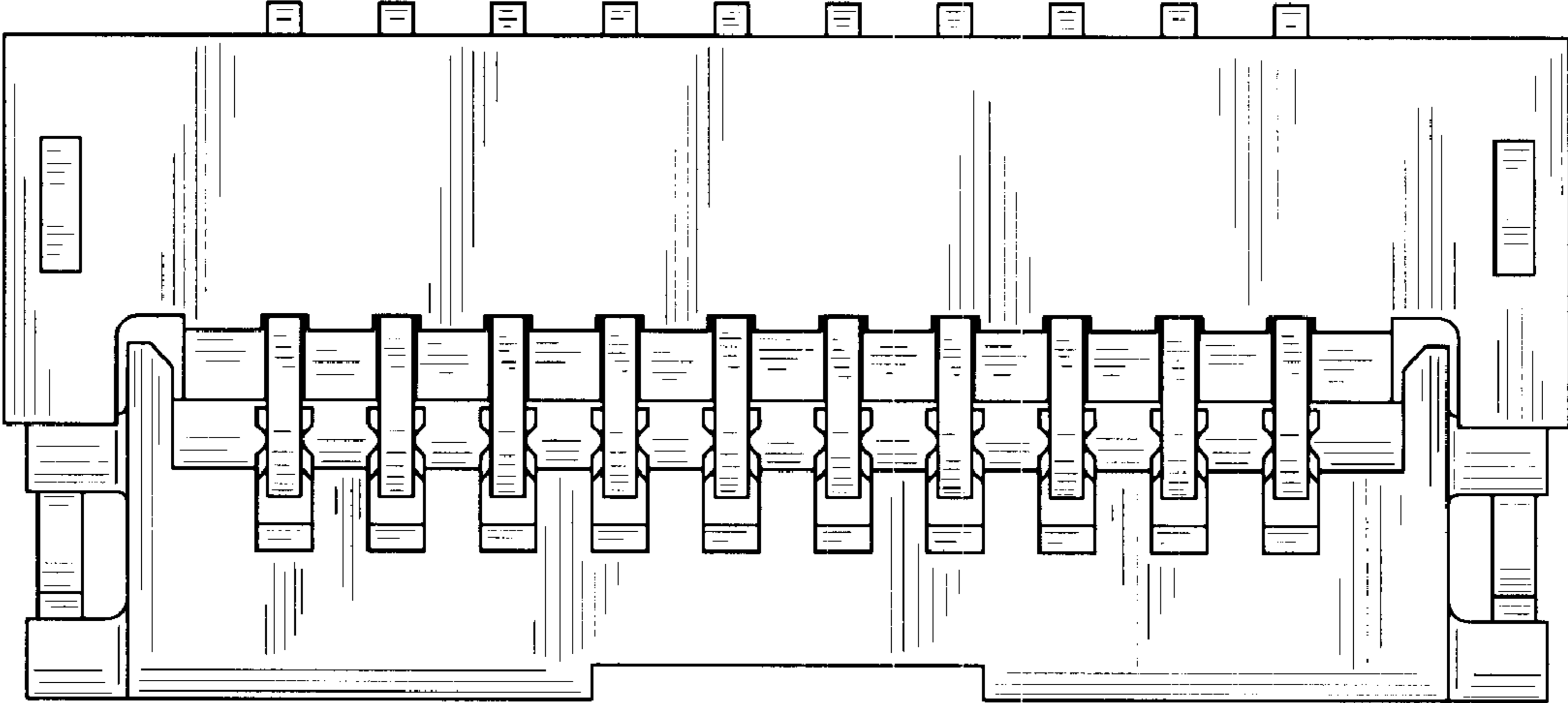


Fig.7

