



US00D453500S

(12) **United States Design Patent**  
**Nakatomi**

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(54) **ELECTRICAL CONNECTOR**

(75) **Inventor:** **Yuko Nakatomi, Akishima (JP)**

(73) **Assignee:** **Japan Aviation Electronics Industry, Limited, Tokyo (JP)**

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

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(30) **Foreign Application Priority Data**

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

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

(58) **Field of Search** ..... D13/146, 147;  
439/108, 607, 608, 677-681, 638, 639,  
752

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- 5,102,353 A \* 4/1992 Brunker et al. .... 439/608
- 5,125,854 A \* 6/1992 Bassler et al. .... 439/607
- 5,547,398 A \* 8/1996 Ichikawa et al. .... 439/607
- D383,440 S \* 9/1997 Ichikawa ..... D13/147
- D398,584 S \* 9/1998 Hirai et al. .... D13/147
- D403,303 S \* 12/1998 Lai et al. .... D13/147

- D407,690 S \* 4/1999 Lai et al. .... D13/147
- D408,014 S \* 4/1999 Lai et al. .... D13/147
- D414,467 S \* 9/1999 Aizawa et al. .... D13/147
- 6,203,374 B1 \* 3/2001 Huang et al. .... 439/607
- 6,210,225 B1 \* 4/2001 Cai et al. .... 439/607

\* cited by examiner

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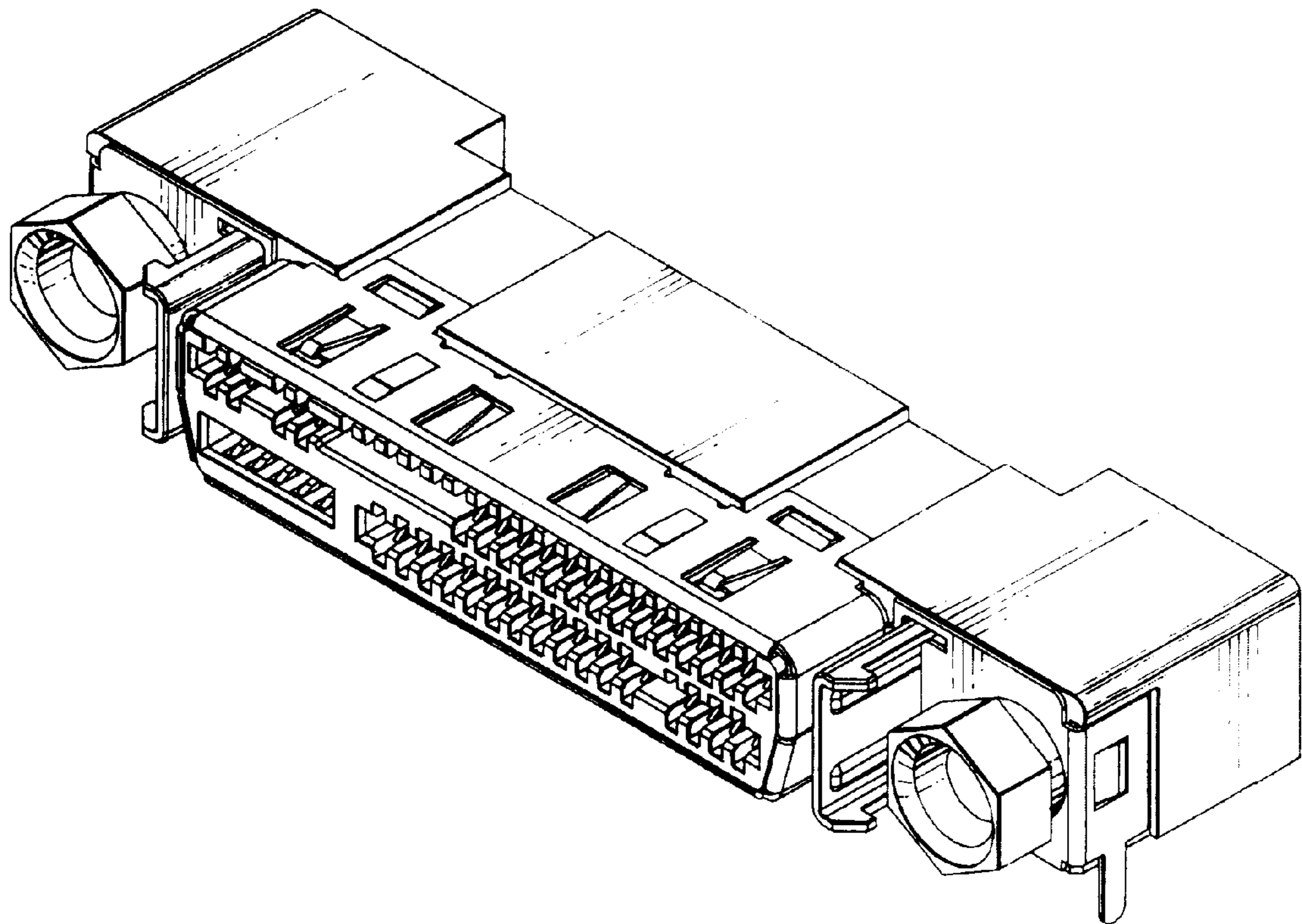
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a front elevational view of an electrical connector; FIG. 2 is a rear elevational view thereof; FIG. 3 is a left side elevational view thereof; FIG. 4 is a right side elevational view thereof; FIG. 5 is an enlarged cross-sectional view thereof along a line 5—5 in FIG. 1; FIG. 6 is an enlarged cross-sectional view thereof along a line 6—6 in FIG. 1; FIG. 7 is a top plan view thereof; FIG. 8 is a bottom plan view thereof; and, FIG. 9 is a front, top, and right side perspective view thereof.

**1 Claim, 4 Drawing Sheets**



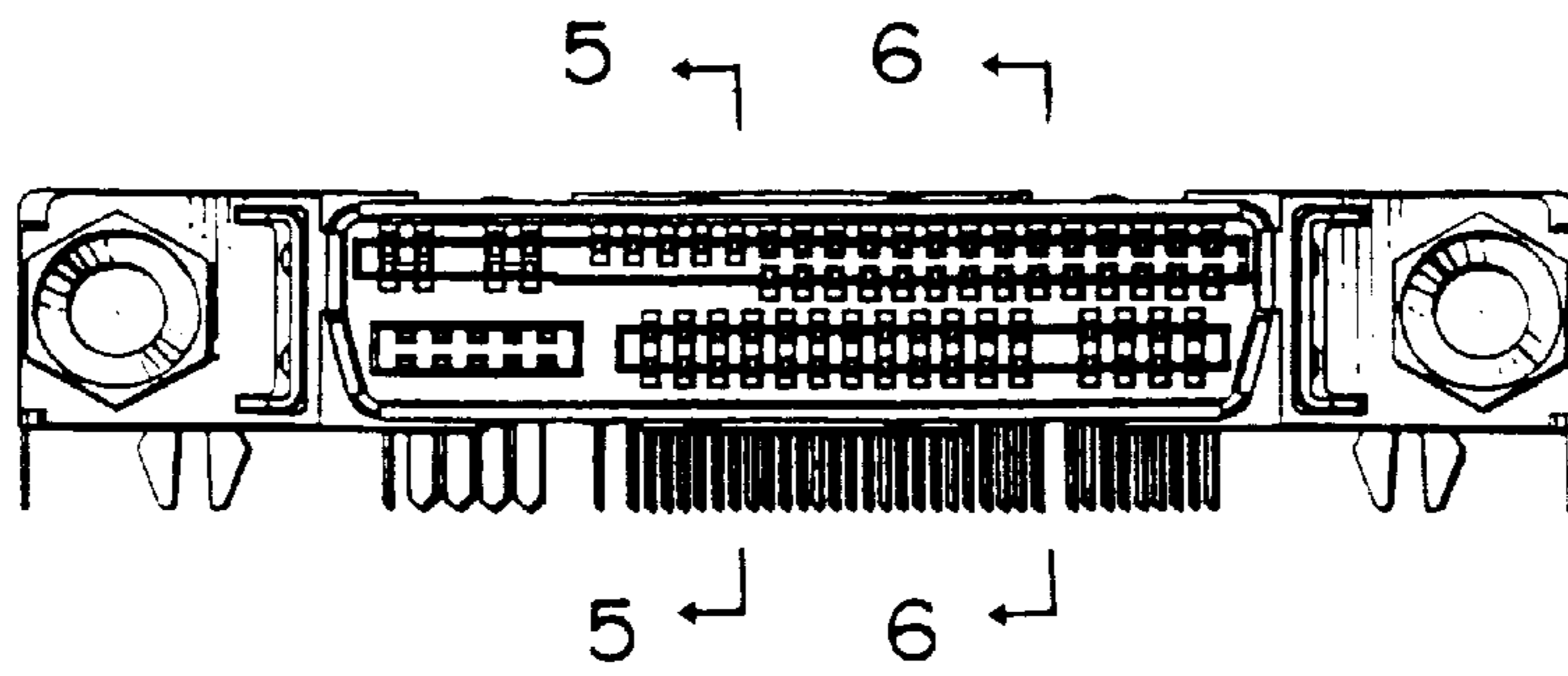


FIG. 1

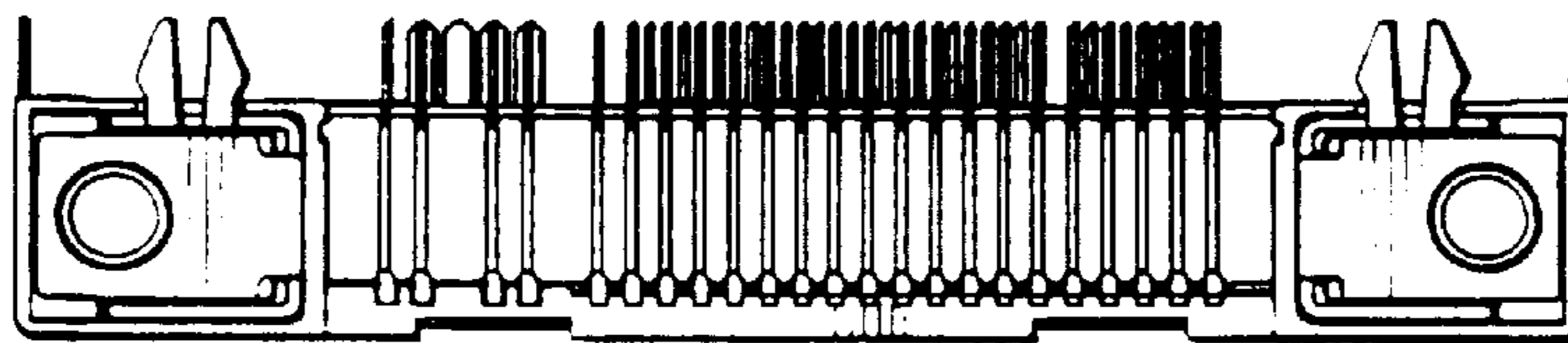


FIG. 2

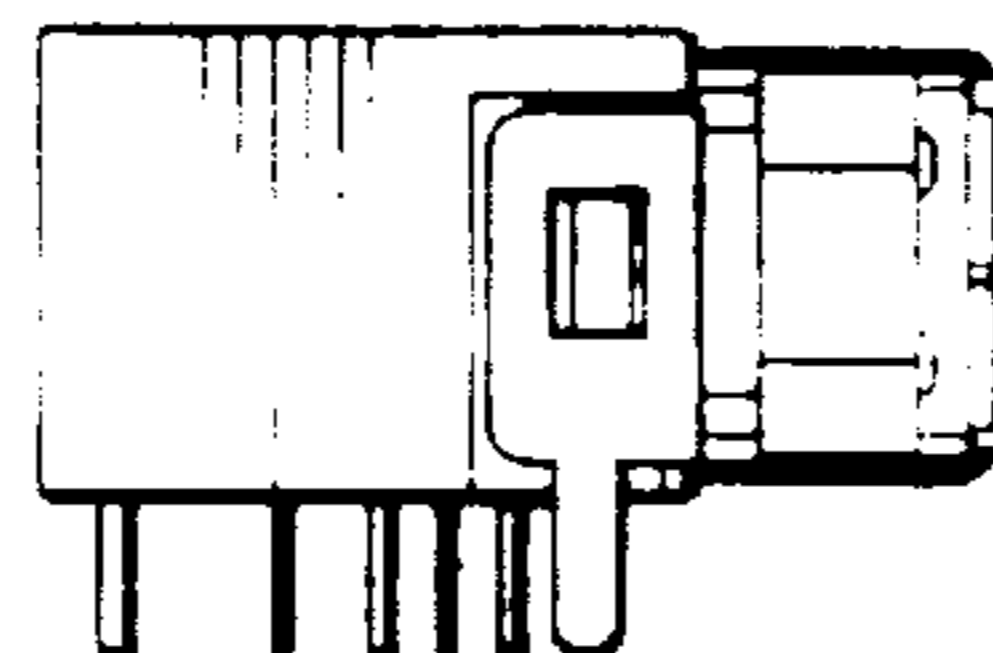


FIG. 3

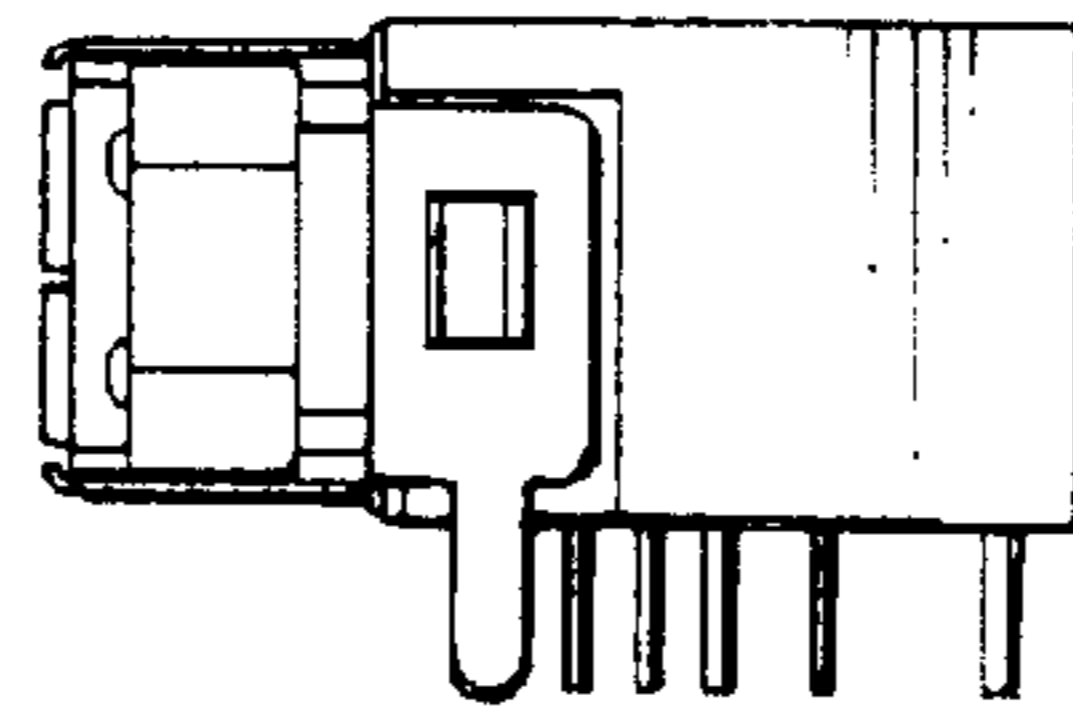


FIG. 4

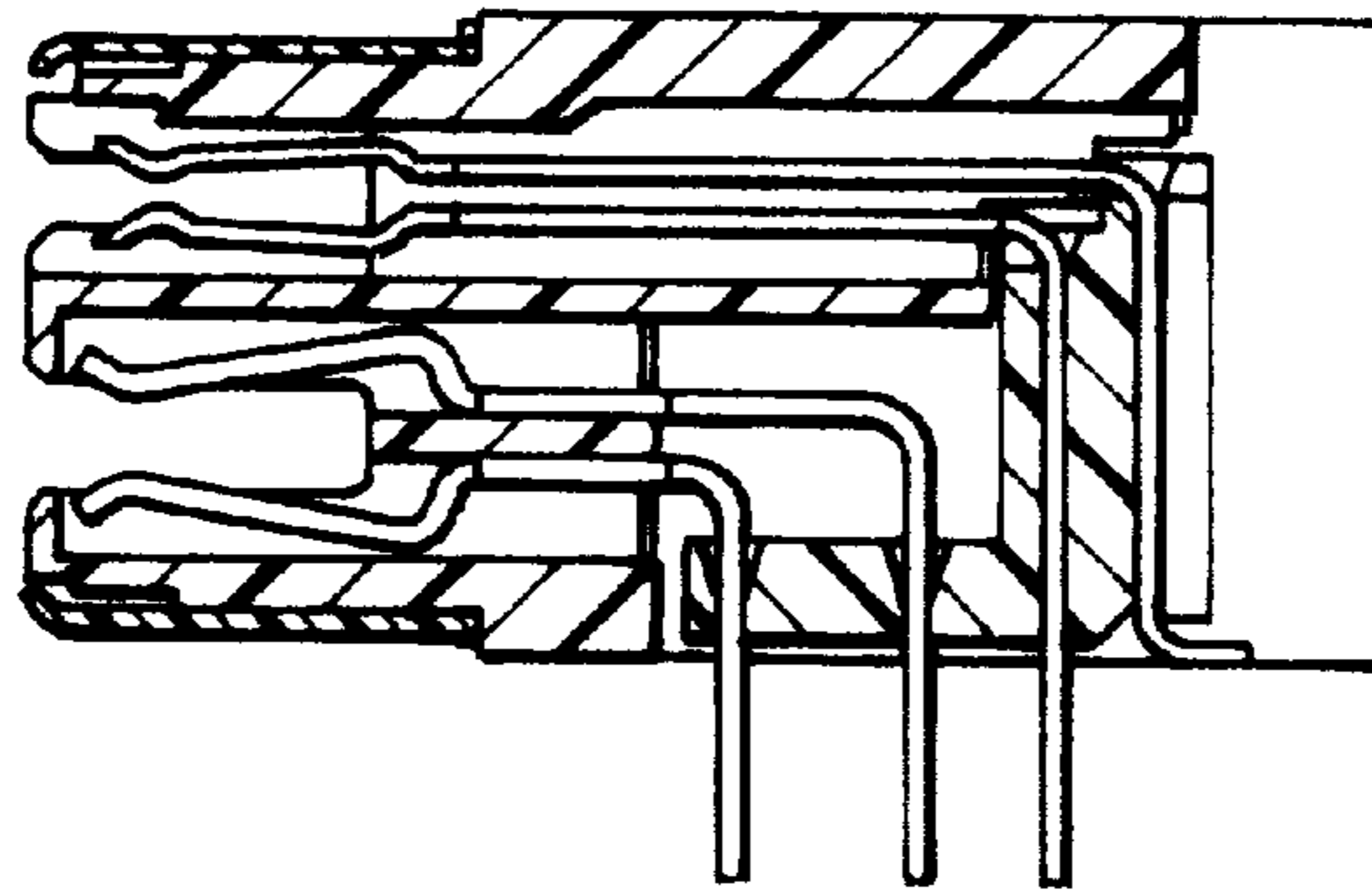


FIG. 5

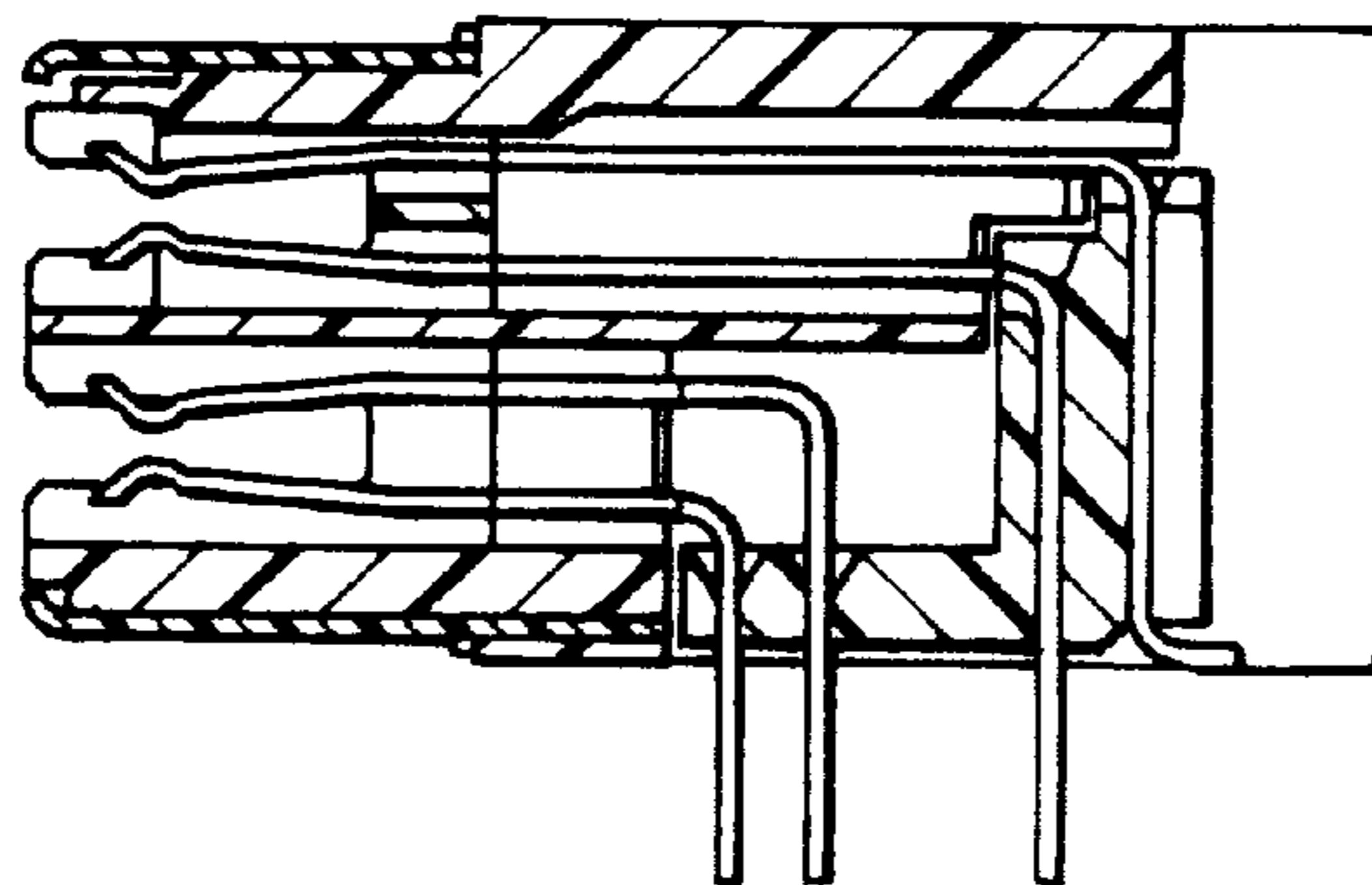


FIG. 6

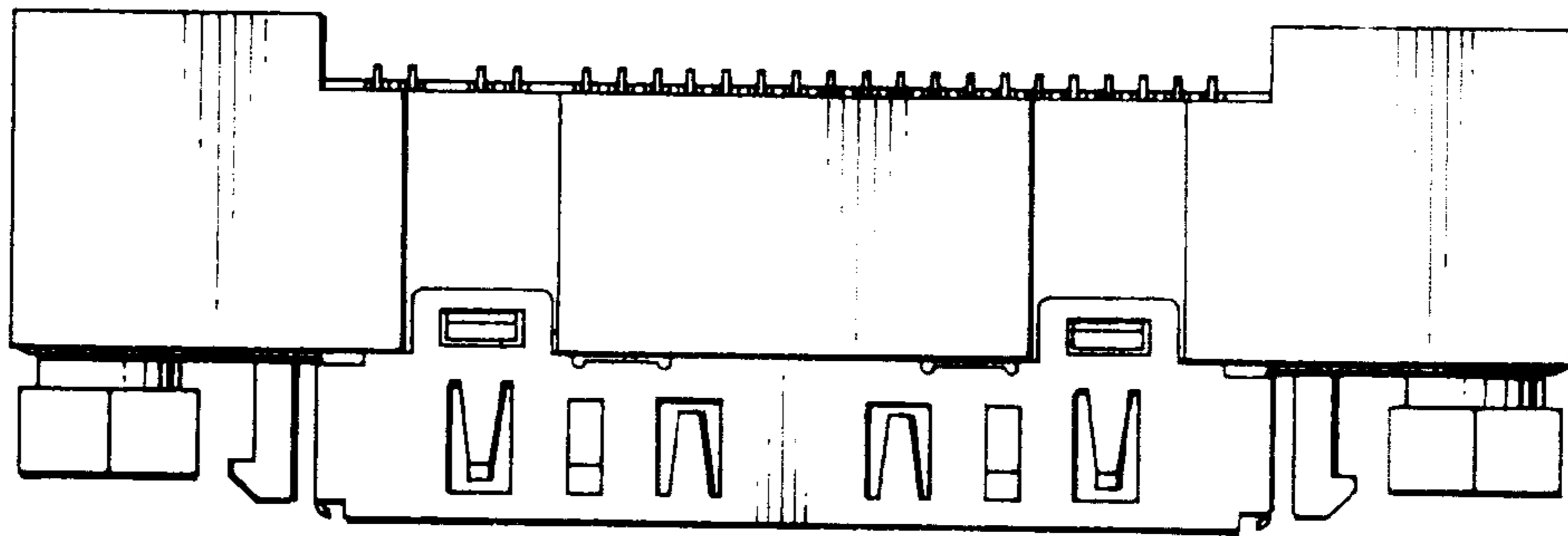


FIG. 7

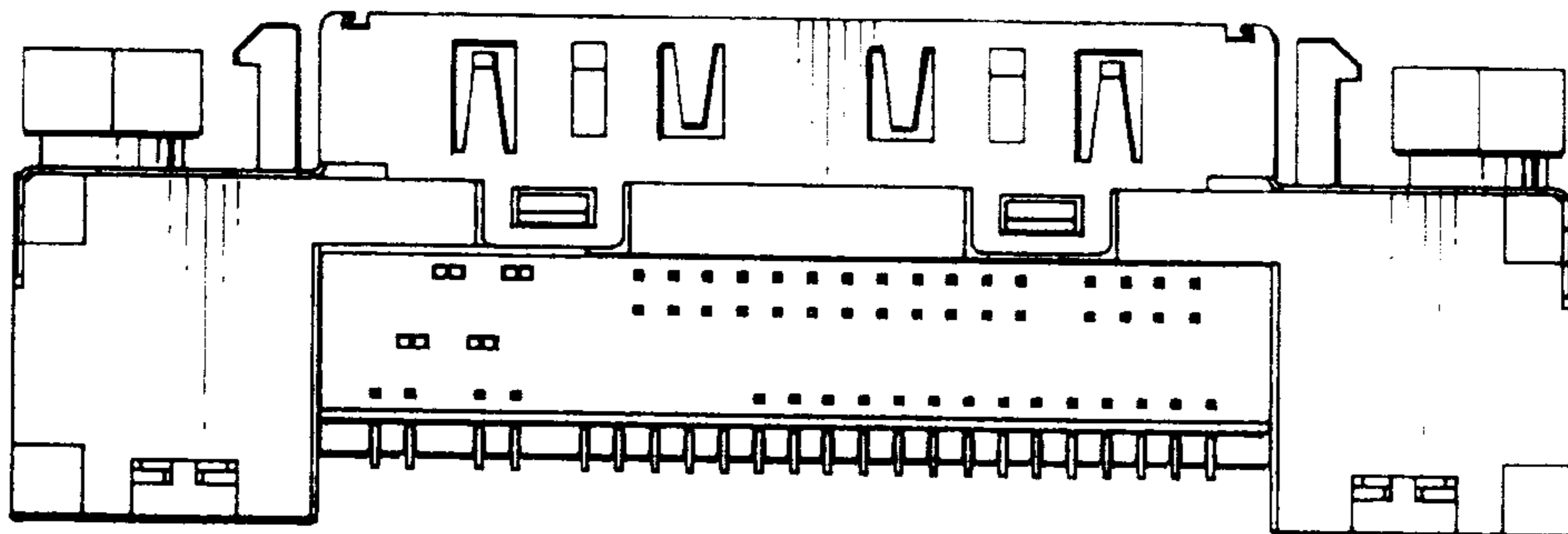


FIG. 8

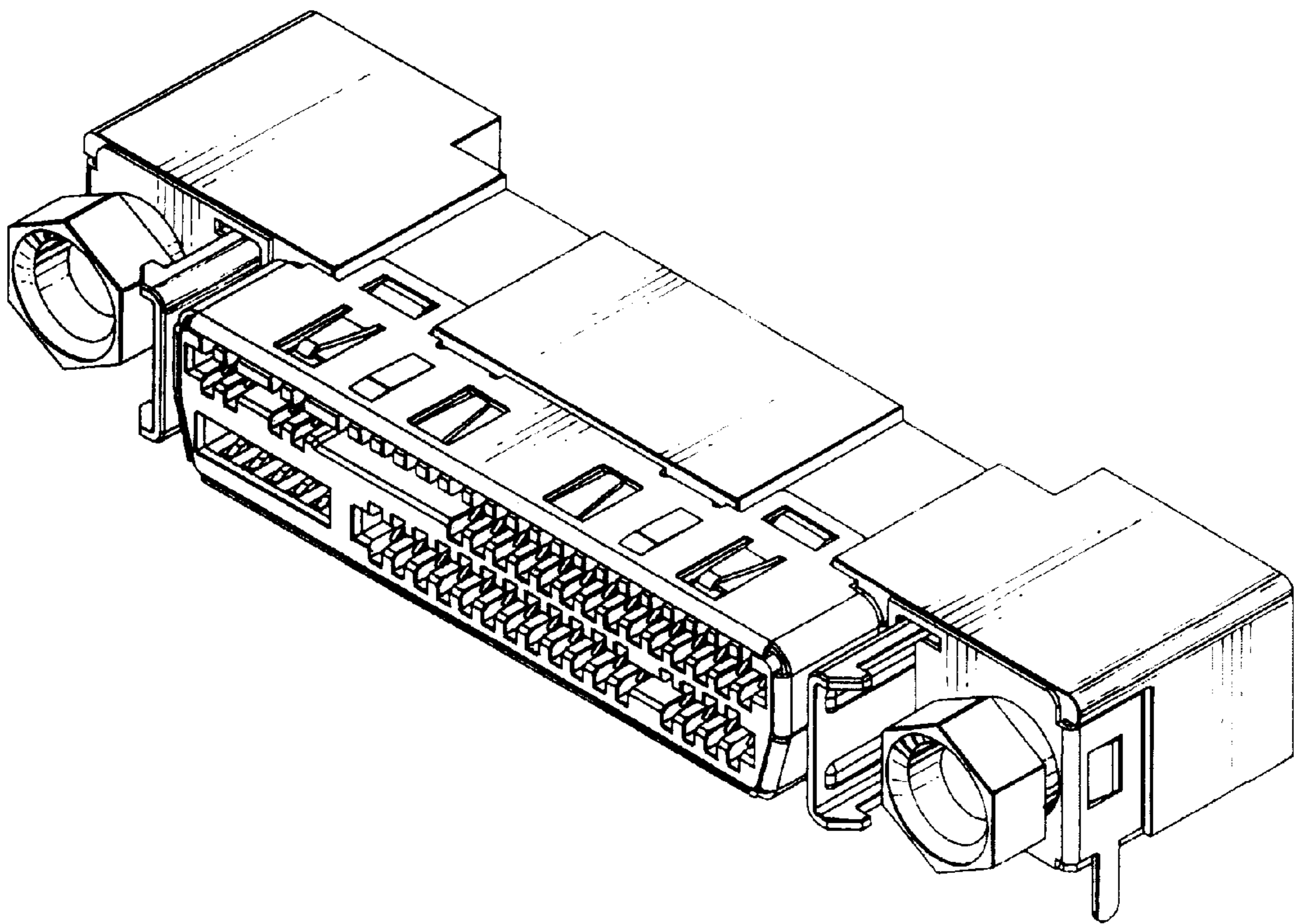


FIG. 9