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

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(45) **Date of Patent:** **** Apr. 2, 2002**

(54) **BOARD TO BOARD PLUG CONNECTOR**

6,159,021 A * 12/2000 Kusahara 439/74

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* cited by examiner

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

(57) **CLAIM**

The ornamental Design for a board to board plug connector, as shown and described.

(21) Appl. No.: **29/134,192**

(22) Filed: **Dec. 15, 2000**

DESCRIPTION

(30) **Foreign Application Priority Data**

Jun. 30, 2000 (JP) 2000-017907
Jun. 30, 2000 (JP) 2000-017908

FIG. 1 is a top plan view of a board to board plug connector showing our new design;

FIG. 2 is a bottom plan view thereof;

FIG. 3 is a front elevational view thereof, the rear elevational view being a mirror image thereof;

FIG. 4 is a left side elevational view thereof, the right side elevational view being a mirror image thereof;

FIG. 5 is a top plan view of another embodiment of our new design, which is longer in length than the plan view of FIG. 1;

FIG. 6 is a bottom plan view of the second embodiment of FIG. 5; and,

FIG. 7 is a front elevational view of the embodiment of FIG. 5, the rear elevational view being a mirror image thereof.

The left and right end views of the embodiment of FIG. 5 are the same as FIG. 4.

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

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

(58) **Field of Search** D13/147; 439/74, 439/108, 83, 637, 660

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1 Claim, 3 Drawing Sheets

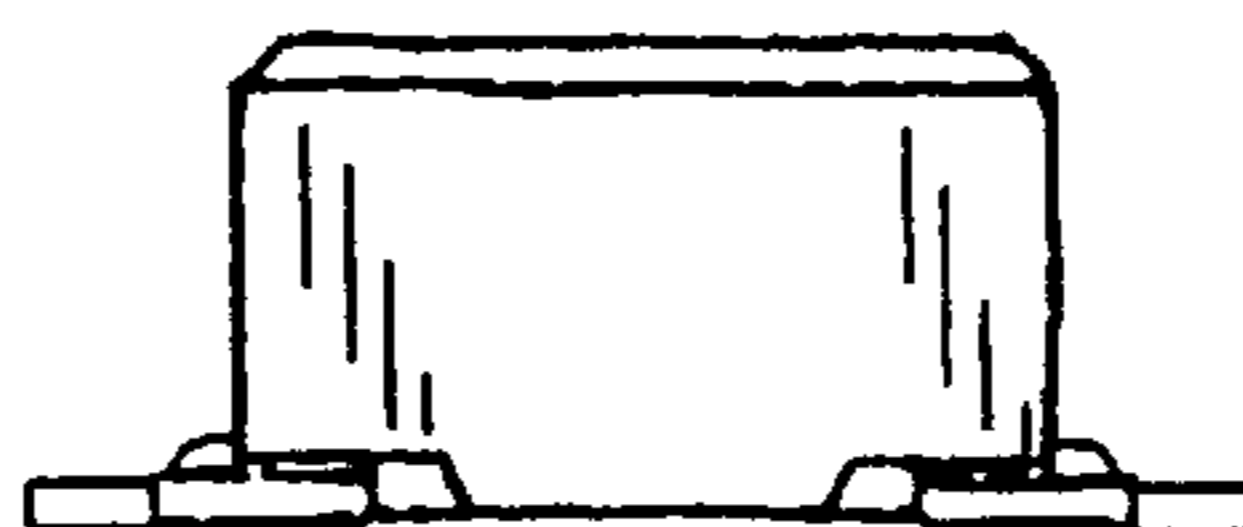
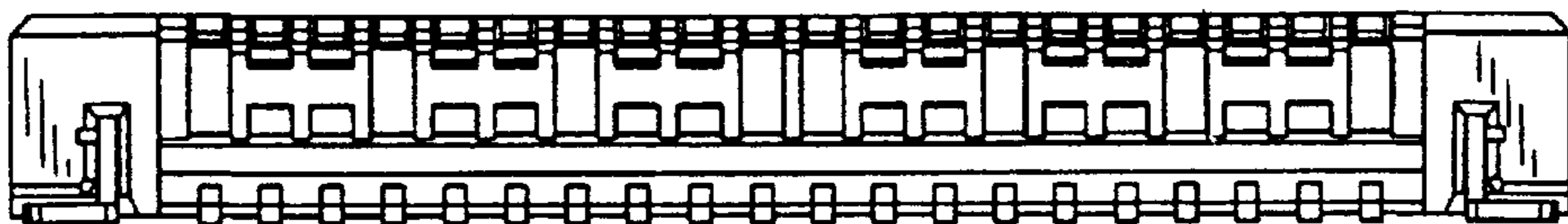
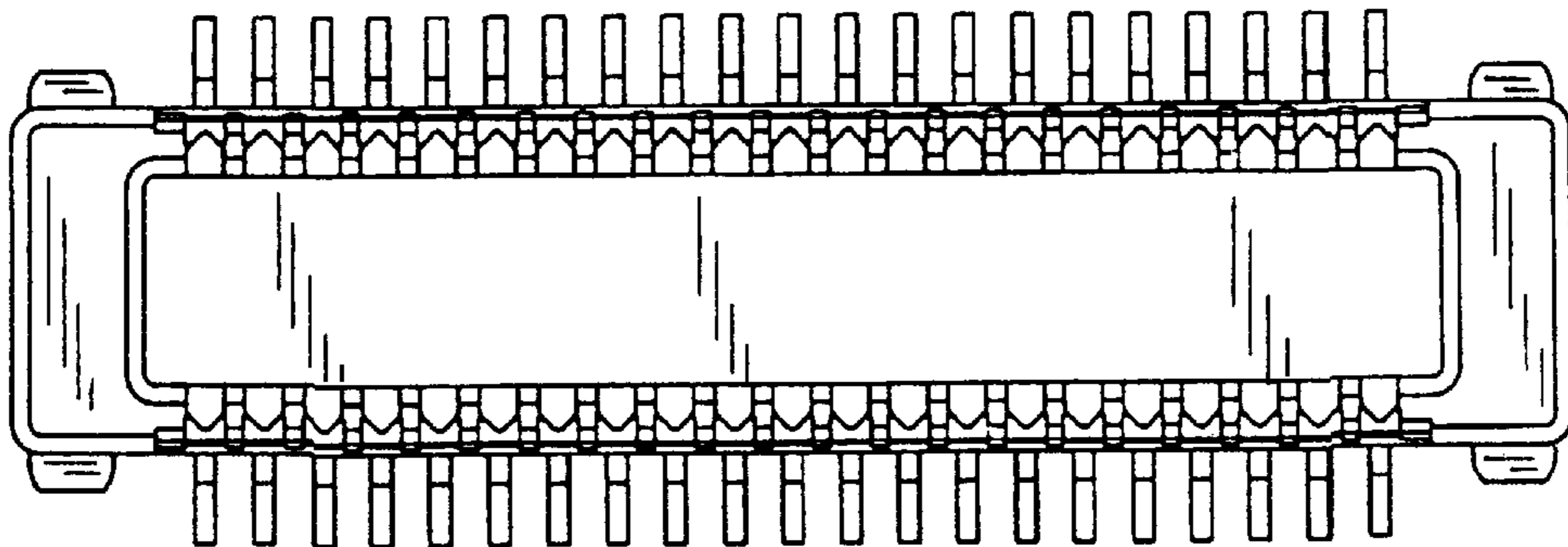


FIG. 1

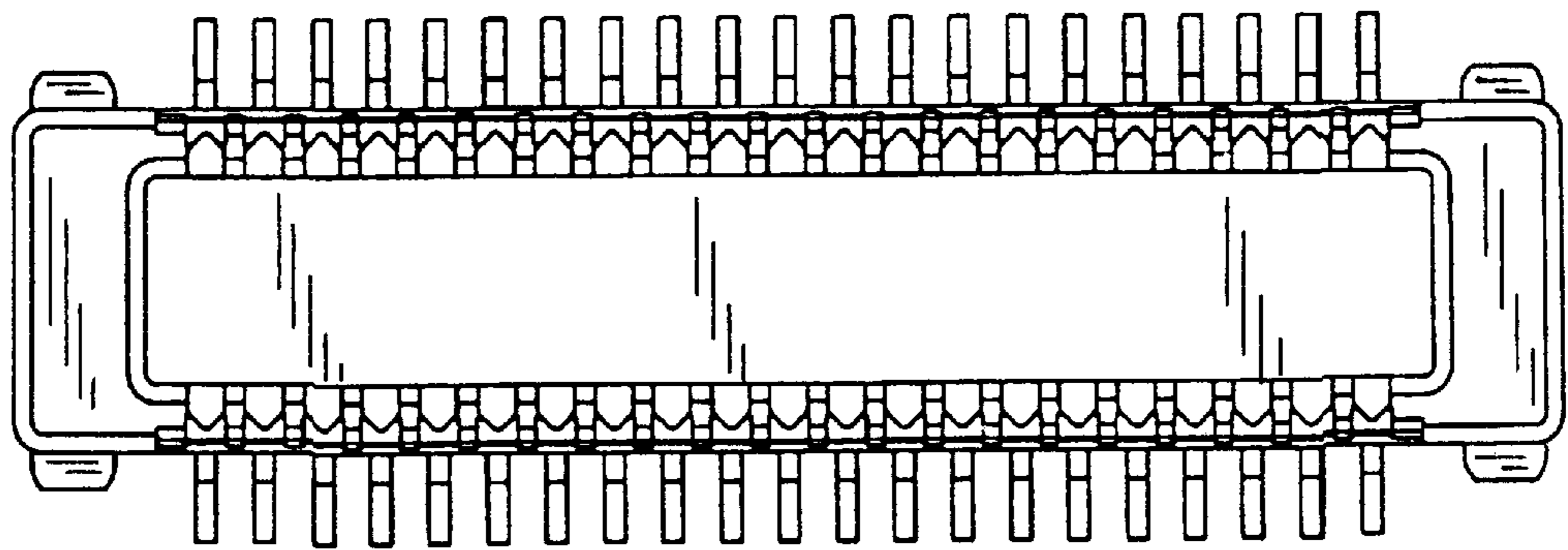


FIG. 2

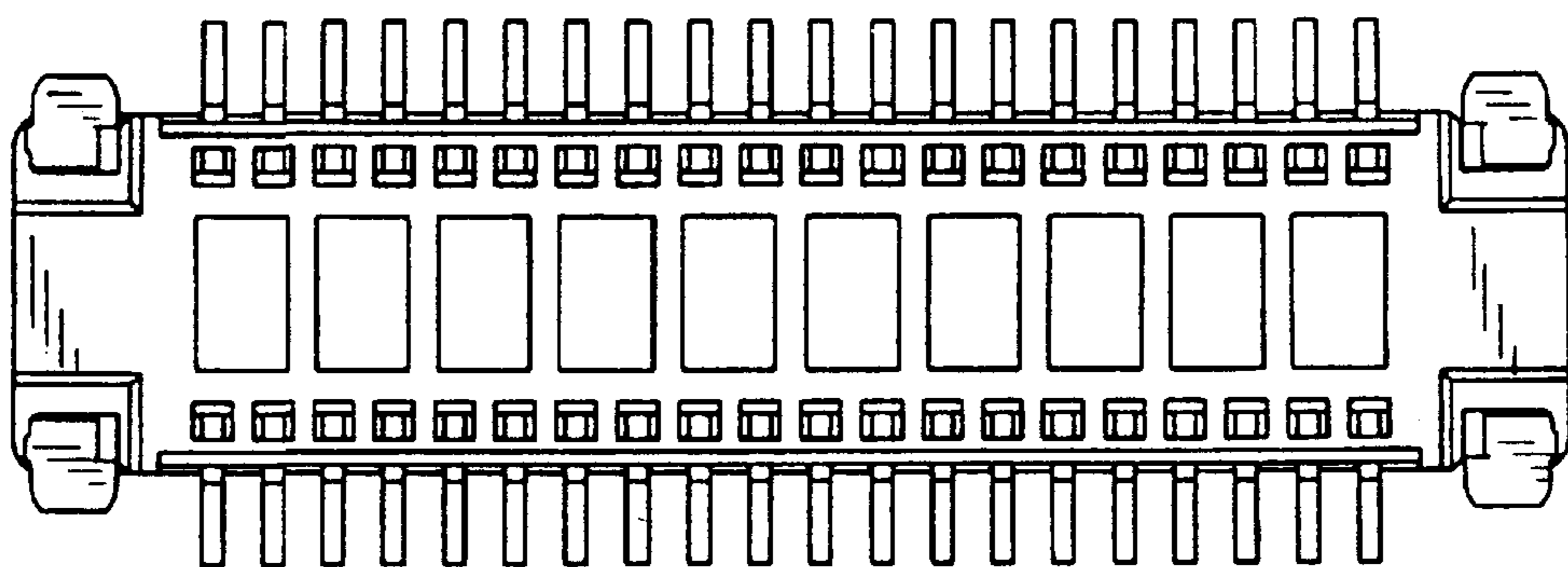


FIG. 3

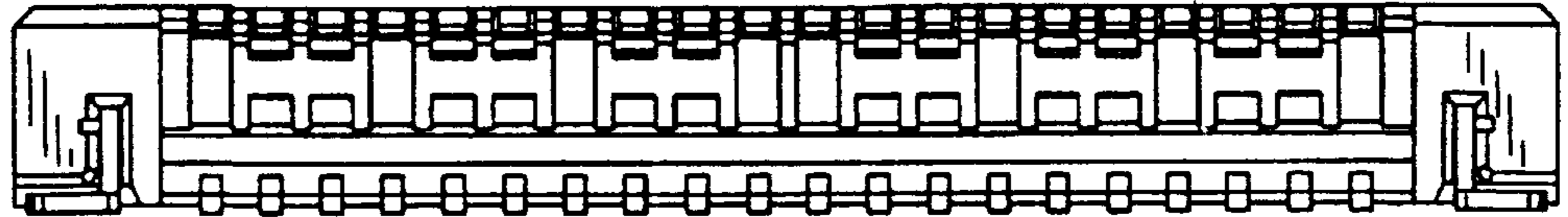


FIG. 4

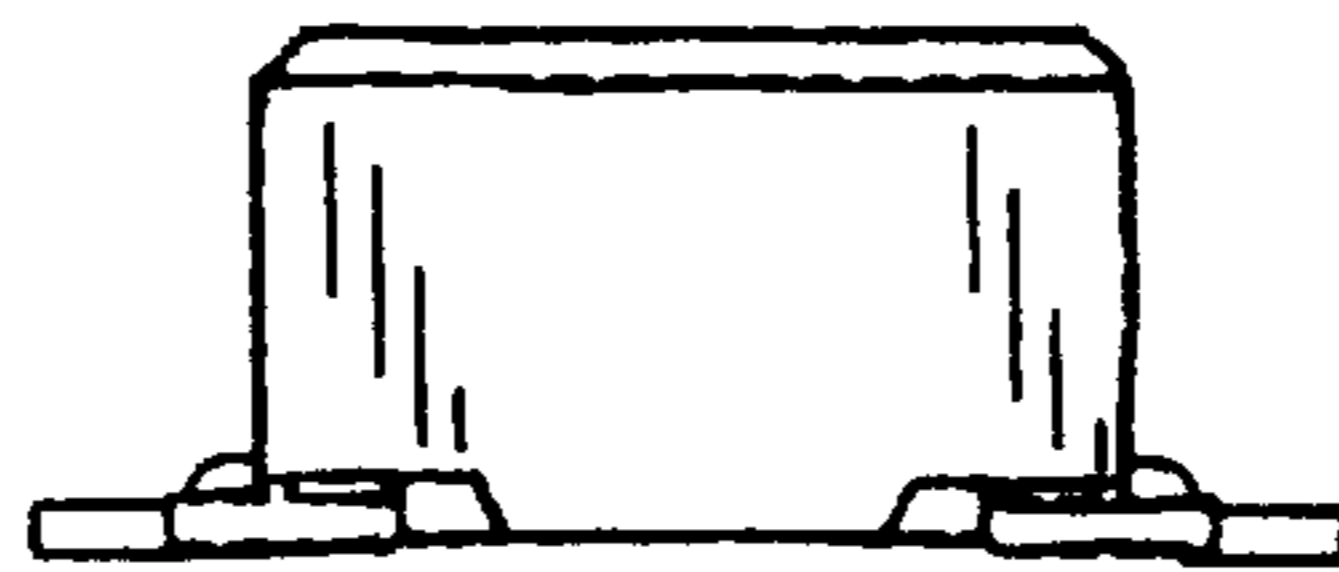


FIG. 5

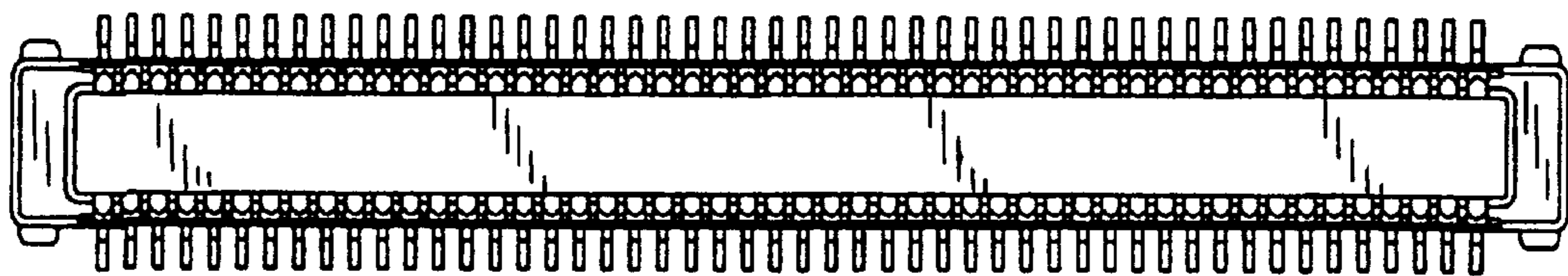


FIG. 6

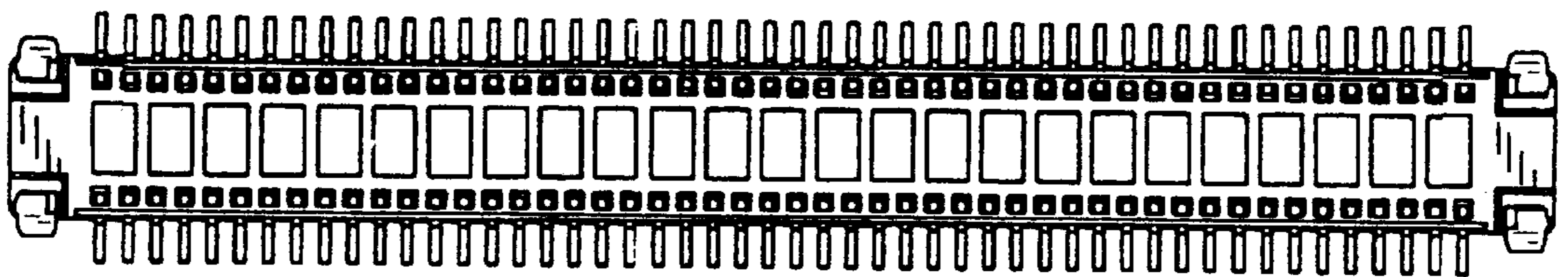


FIG. 7

