



US00D713346S

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

(10) **Patent No.:** **US D713,346 S**

(45) **Date of Patent:** **** Sep. 16, 2014**

(54) **VERTICAL ELECTRICAL CONNECTOR**

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

(21) Appl. No.: **29/443,206**

(22) Filed: **Jan. 14, 2013**

(51) **LOC (10) Cl.** **13-03**

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

(58) **Field of Classification Search**
USPC D13/146, 147, 149, 154, 184, 199;
439/74, 108, 180, 252, 246, 258, 278,
439/374, 378, 379, 381, 527, 529, 533, 660,
439/717, 865-894, 953; 174/16.3; 257/697,
257/727; 361/769

See application file for complete search history.

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(Continued)

Primary Examiner — Daniel Bui

(74) *Attorney, Agent, or Firm* — Baker & Hostetler LLP

(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a top, left, and rear perspective view of a first embodiment of a vertical electrical connector showing our new design;

FIG. 2 is a bottom, left, rear perspective view thereof;

FIG. 3 is a top, left, front perspective view thereof;

FIG. 4 is a bottom, right, front perspective view thereof;

FIG. 5 is another top, left, rear perspective view thereof;

FIG. 6 is another bottom, right, front perspective view thereof;

FIG. 7 is a rear elevation view thereof;

FIG. 8 is a front elevation view thereof;

FIG. 9 is a bottom plan view thereof;

FIG. 10 is a top plan view thereof;

FIG. 11 is a right side elevation view thereof;

FIG. 12 is a left side elevation view thereof;

FIG. 13 is a top, left, and rear perspective view of a second embodiment of a vertical electrical connector showing our new design;

FIG. 14 is a bottom, left, rear perspective view thereof;

FIG. 15 is a top, left, front perspective view thereof;

FIG. 16 is a bottom, right, front perspective view thereof;

FIG. 17 is another top, left, rear perspective view thereof;

FIG. 18 is another bottom, right, front perspective view thereof;

FIG. 19 is a rear elevation view thereof;

FIG. 20 is a front elevation view thereof;

FIG. 21 is a bottom plan view thereof;

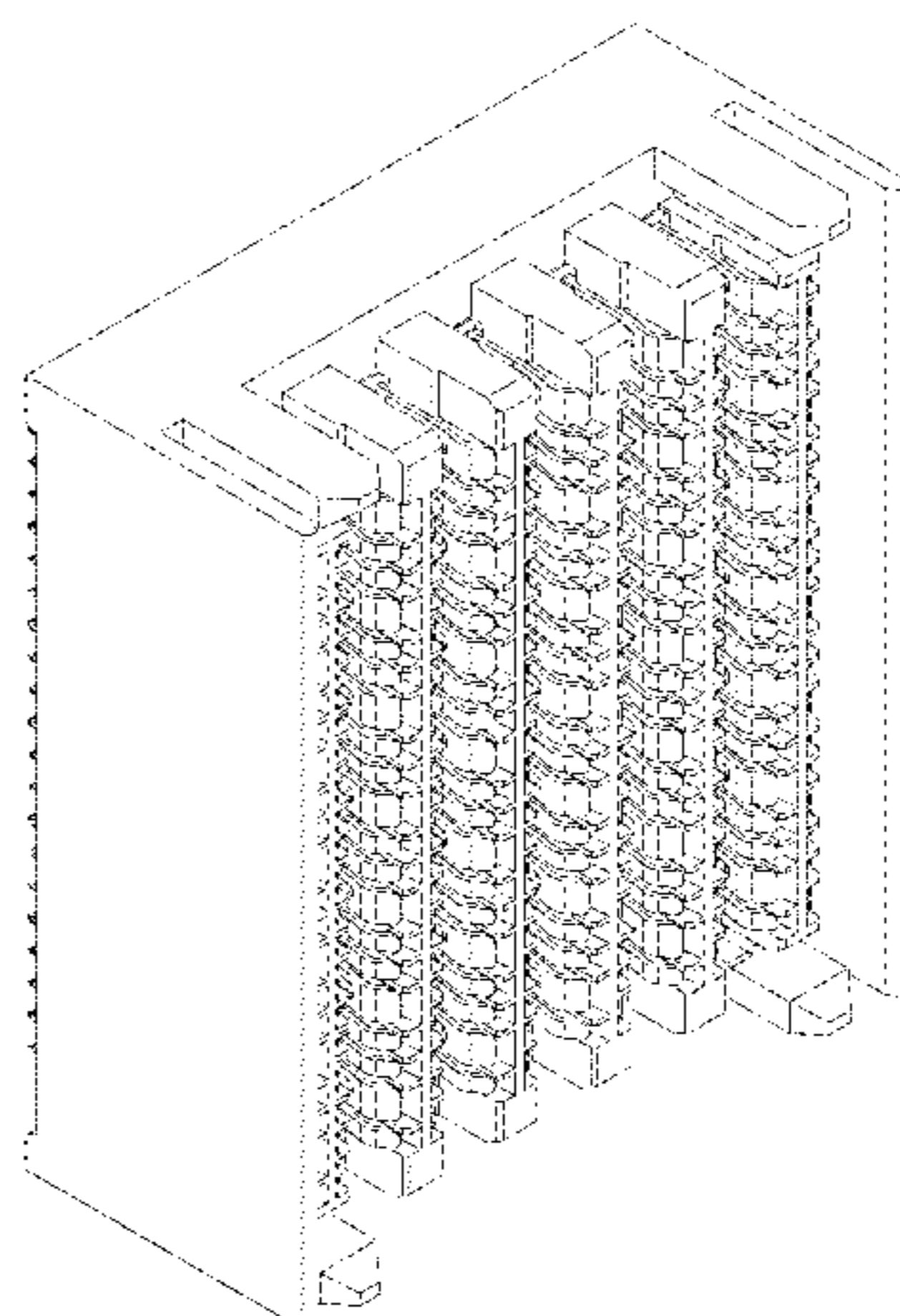
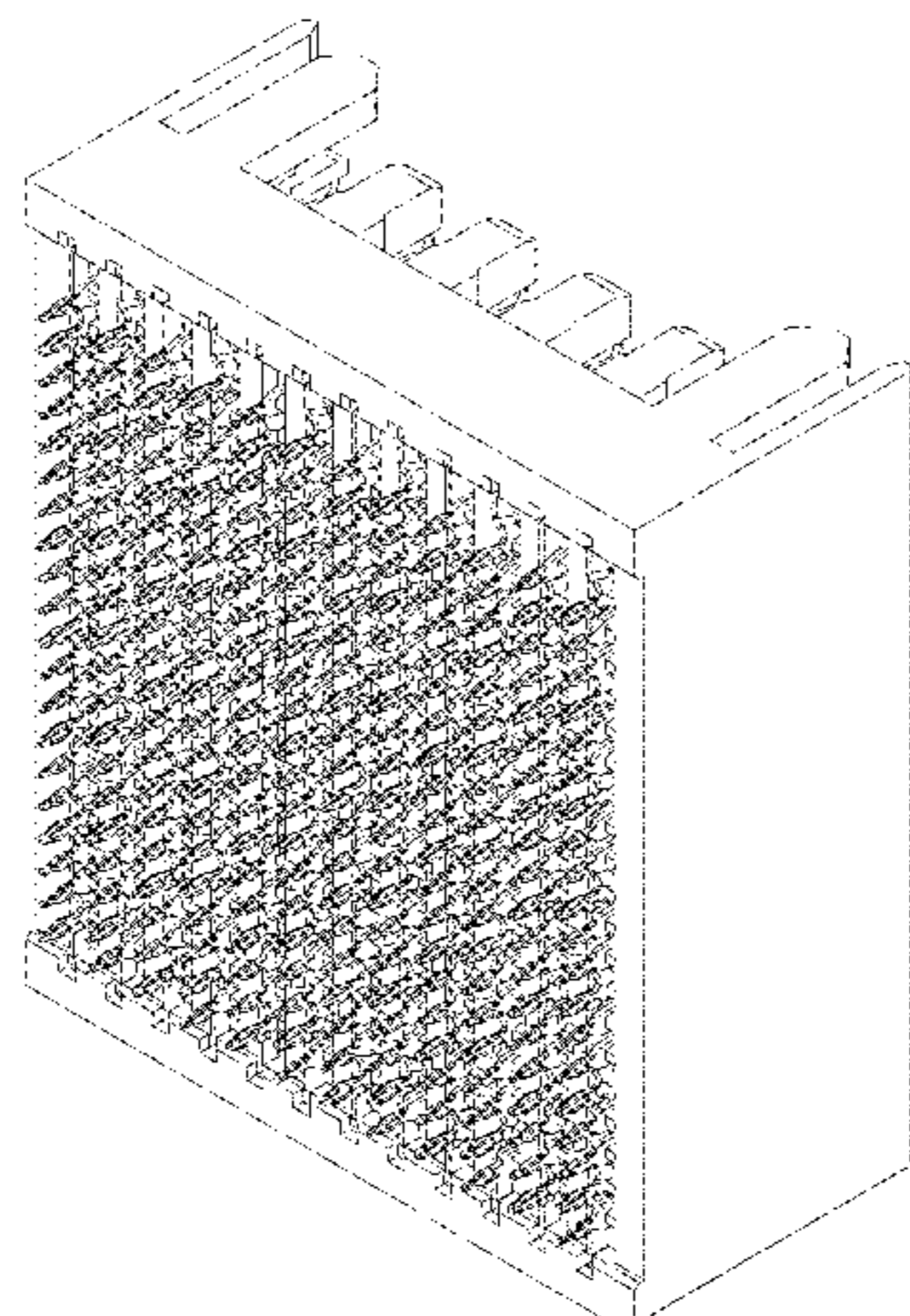
FIG. 22 is a top plan view thereof;

FIG. 23 is a right side elevation view thereof; and,

FIG. 24 is a left side elevation view thereof.

The broken line portion of the figure drawings is included to show unclaimed subject matter only for the purpose of illustrating environment and forms no part of the claimed design.

1 Claim, 10 Drawing Sheets



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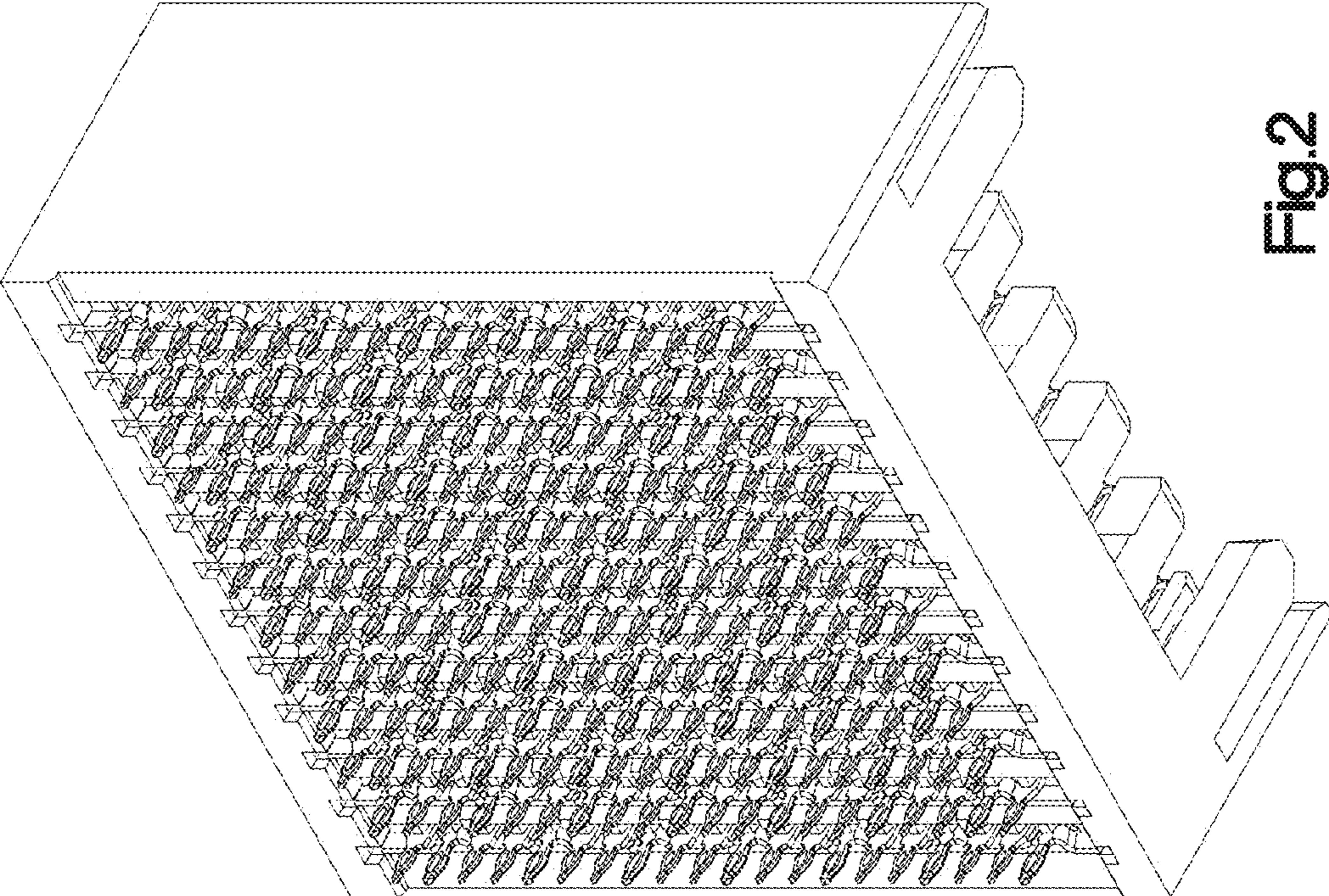


Fig. 2

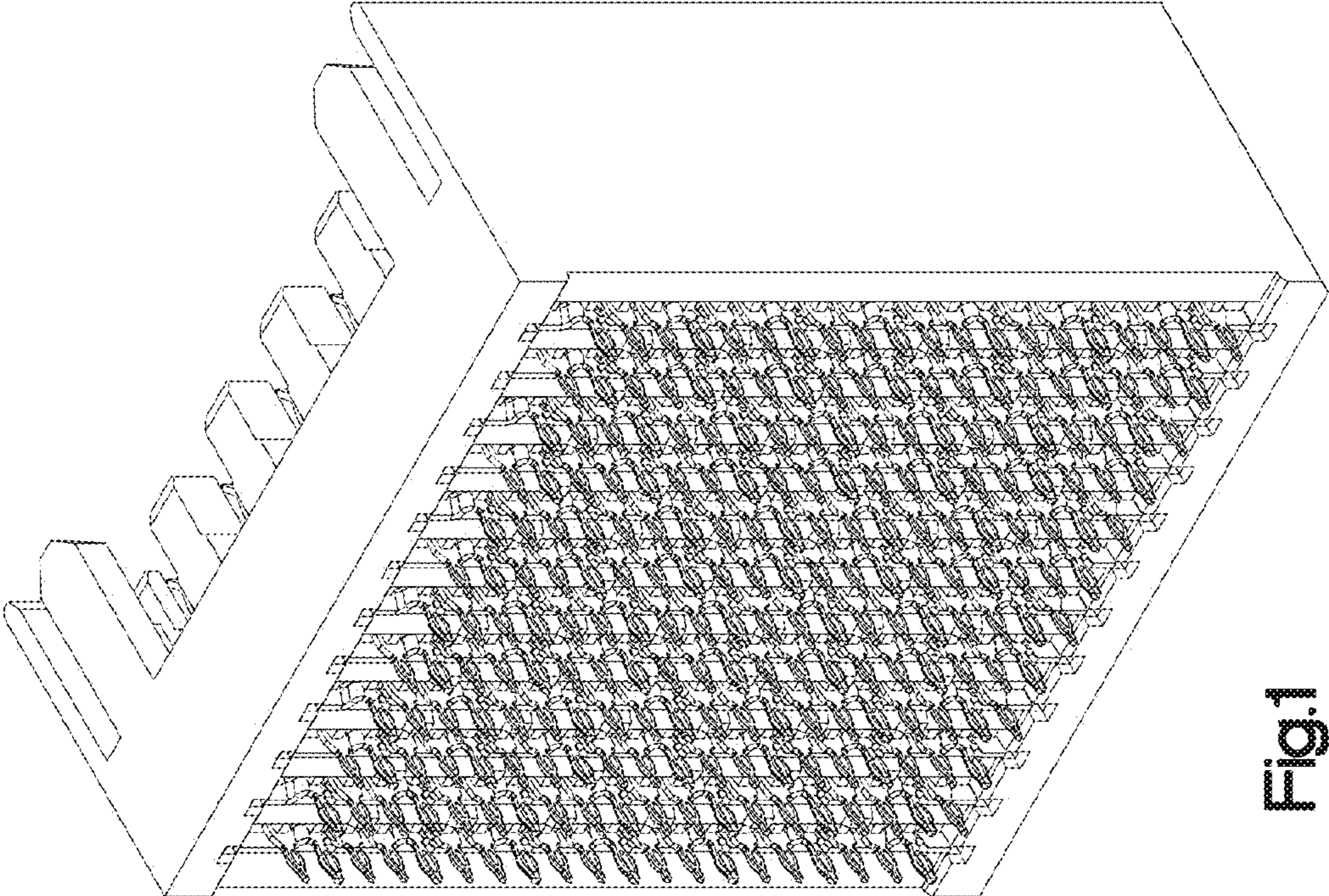


Fig. 1

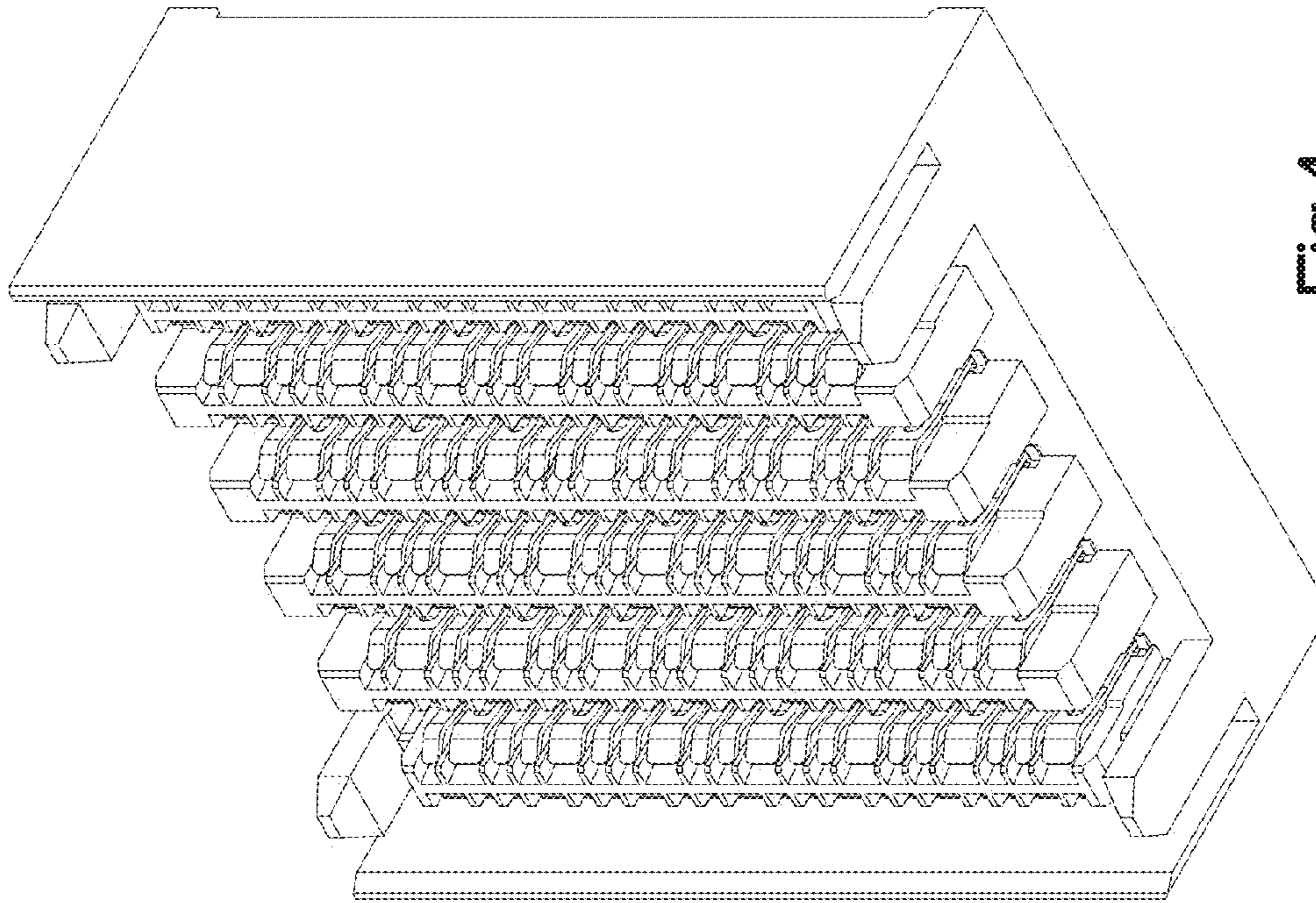


Fig.4

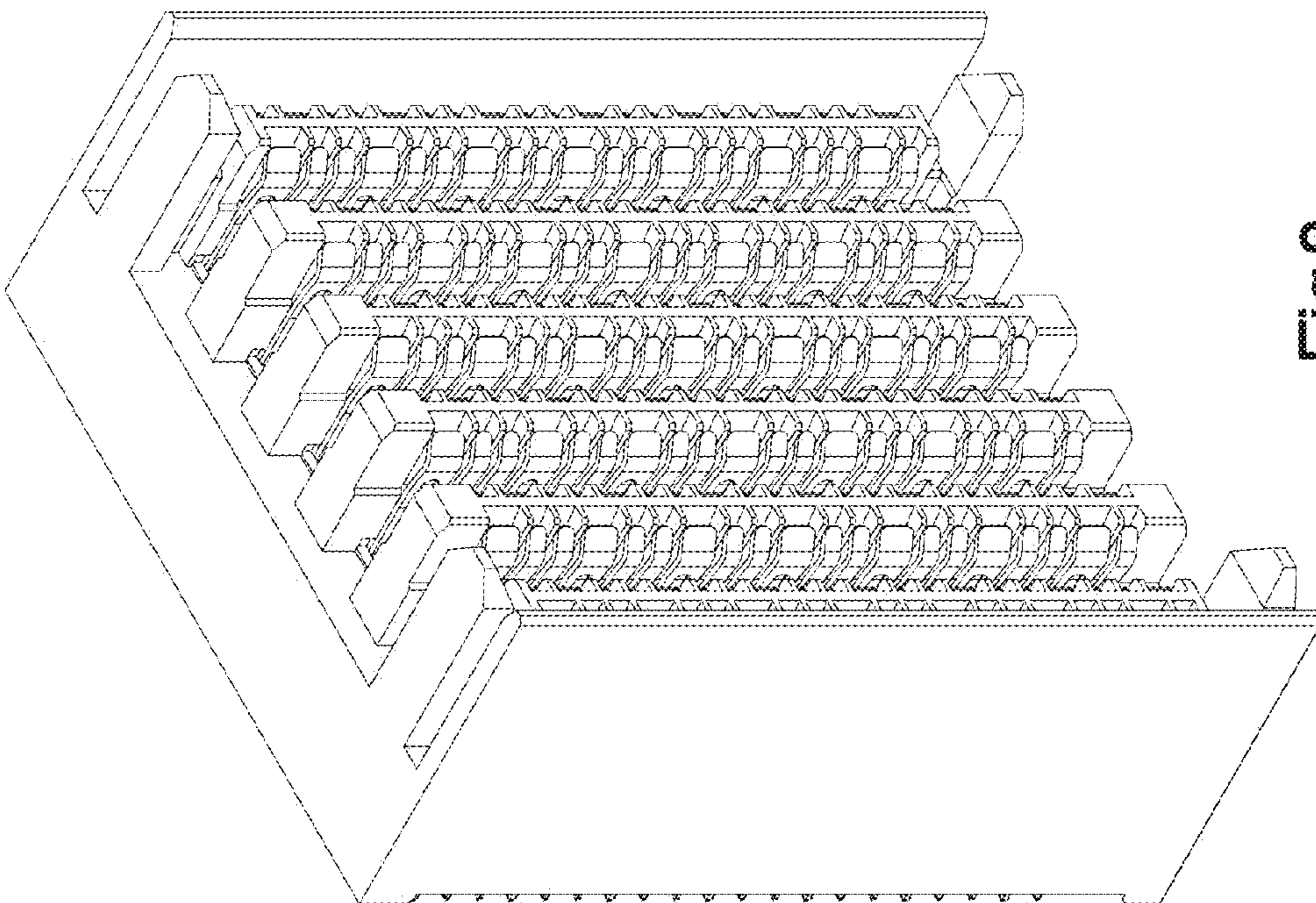


Fig.3

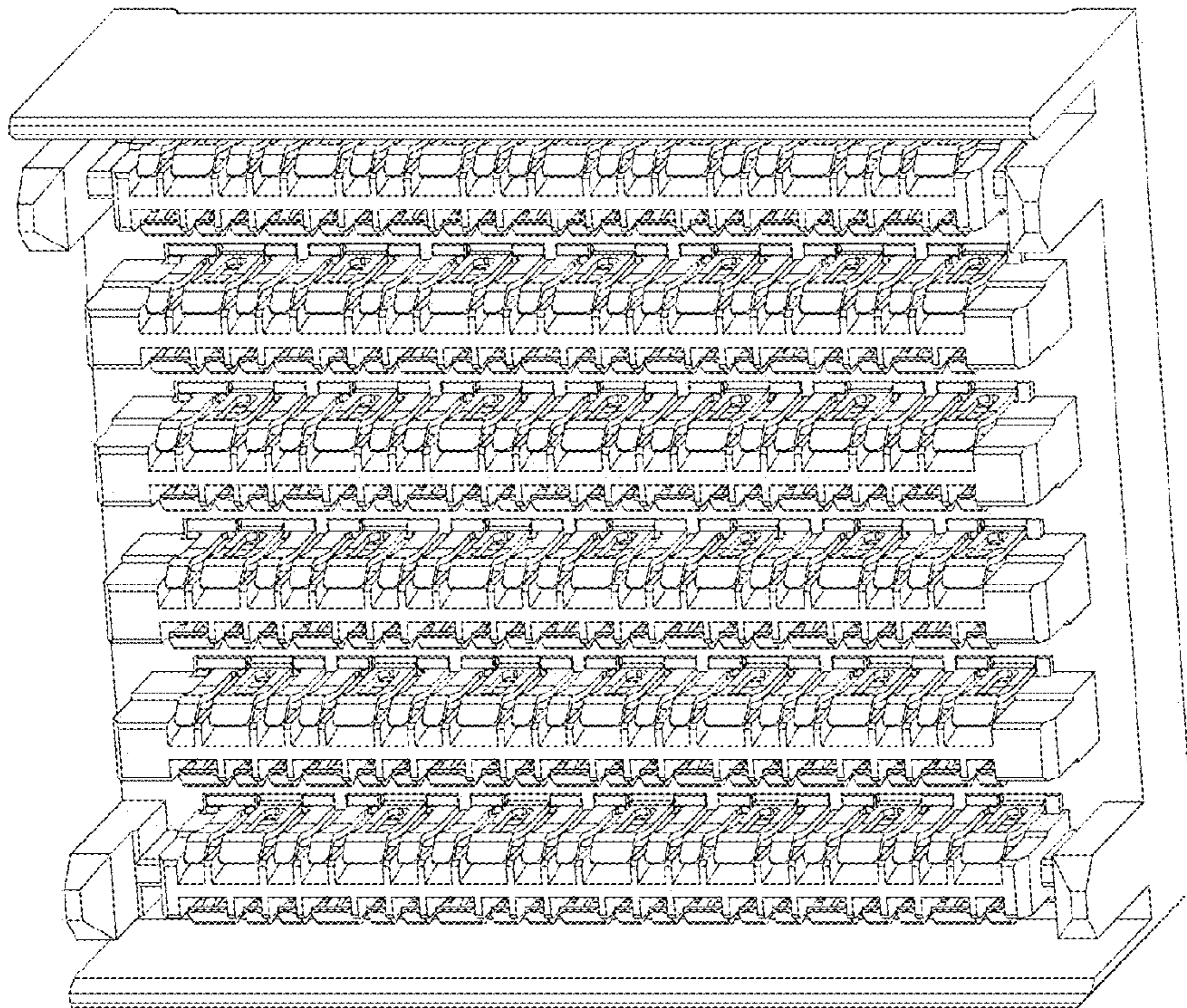


Fig. 6

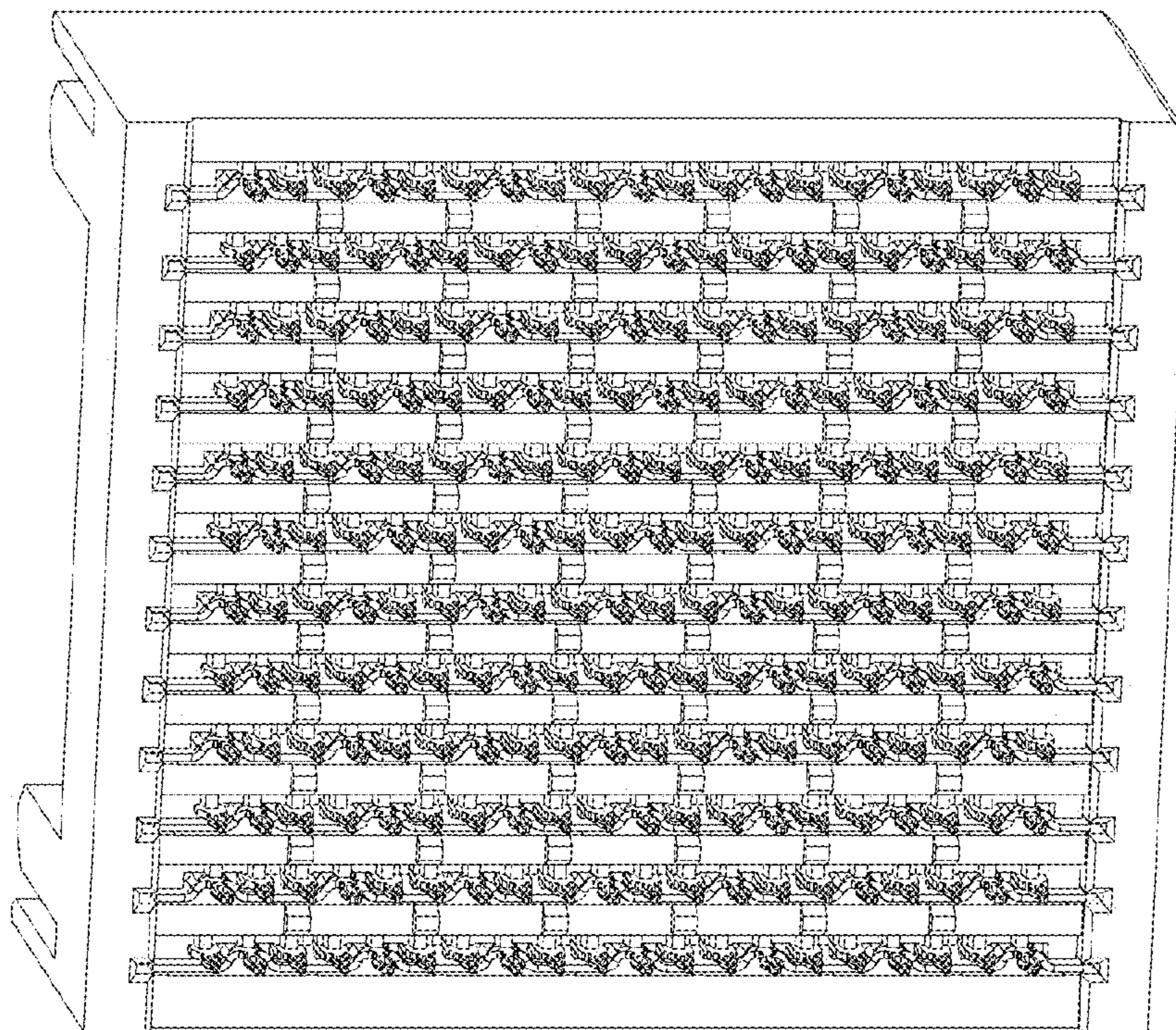


Fig. 5

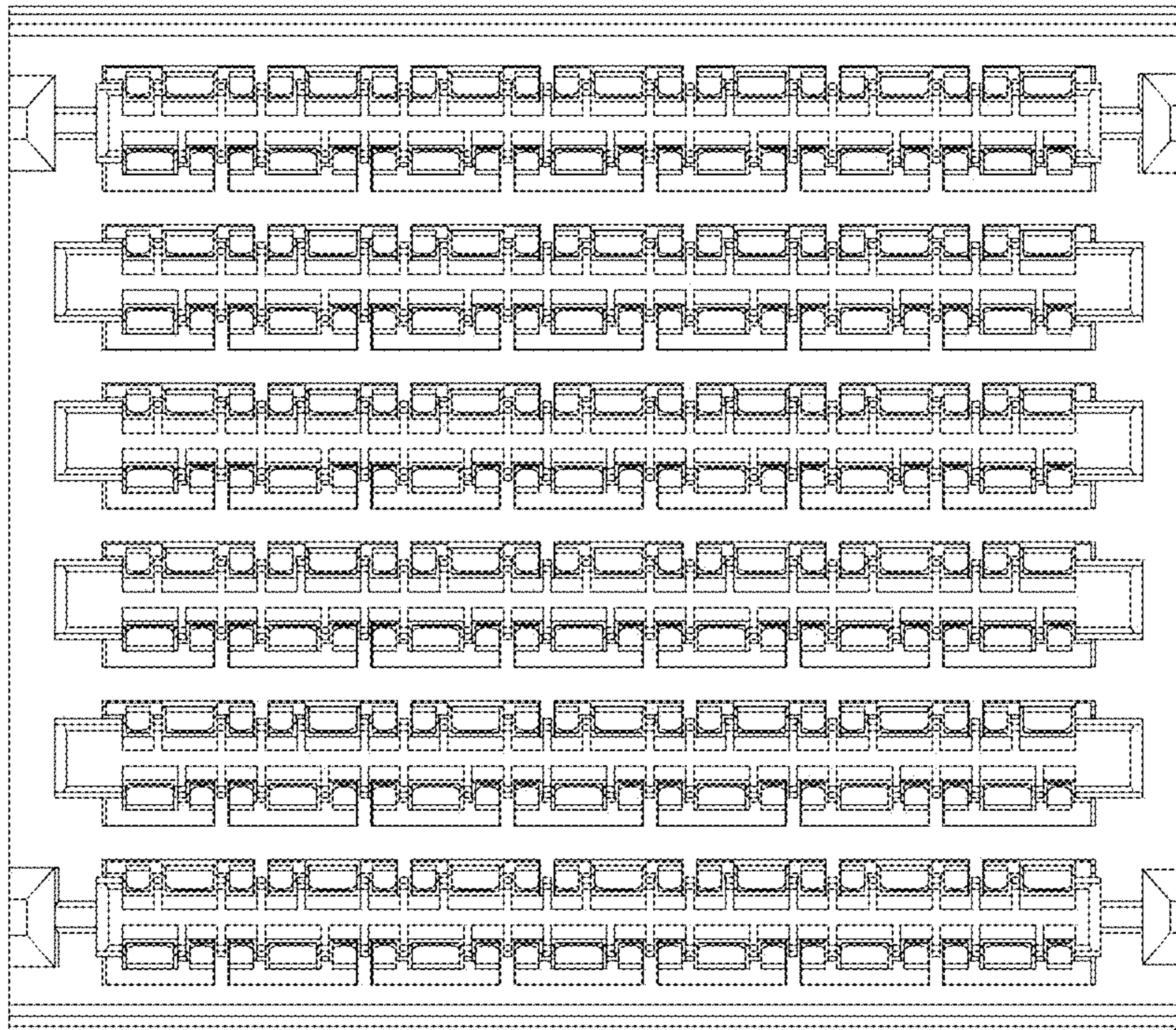


Fig. 8

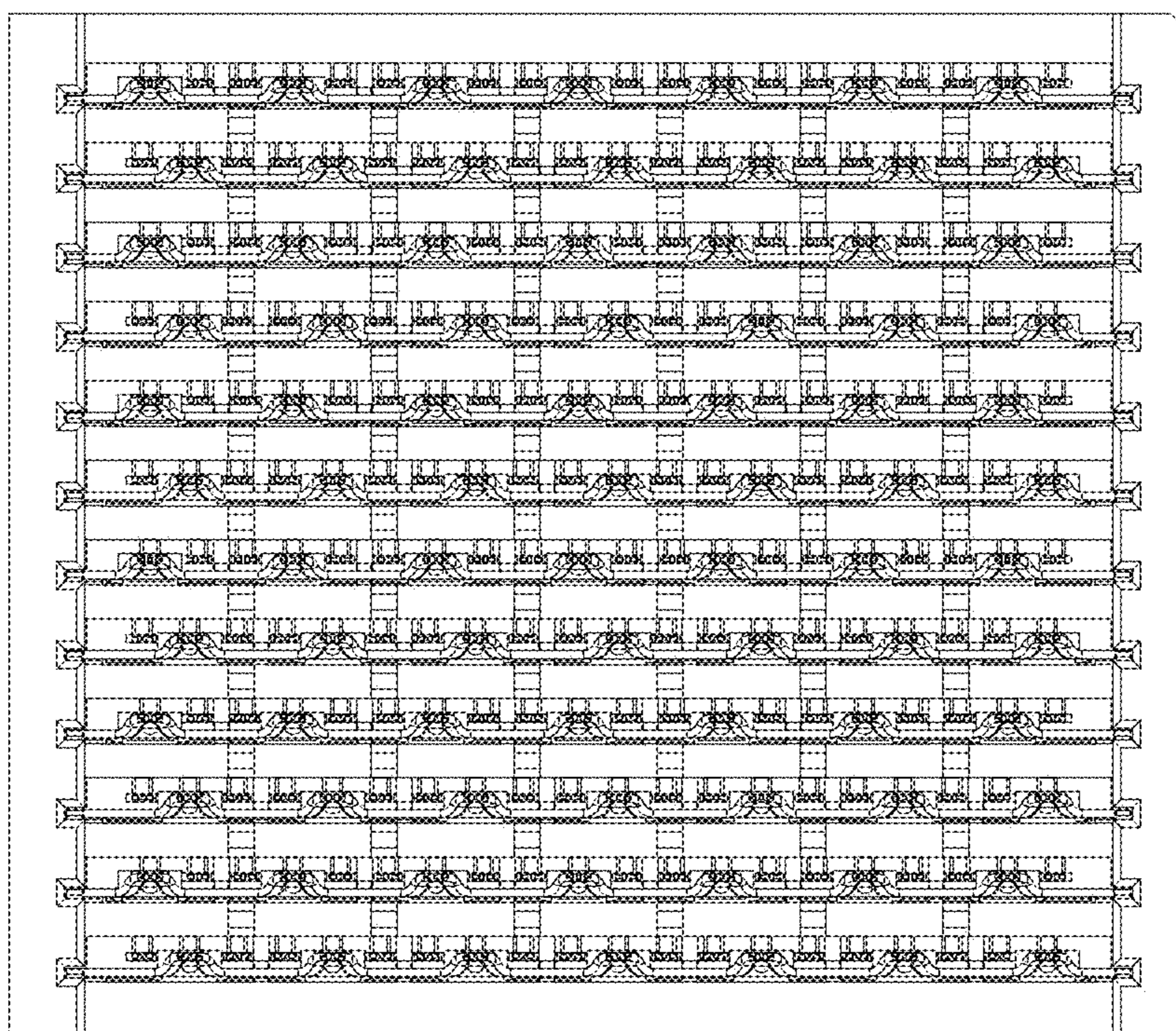


Fig. 7

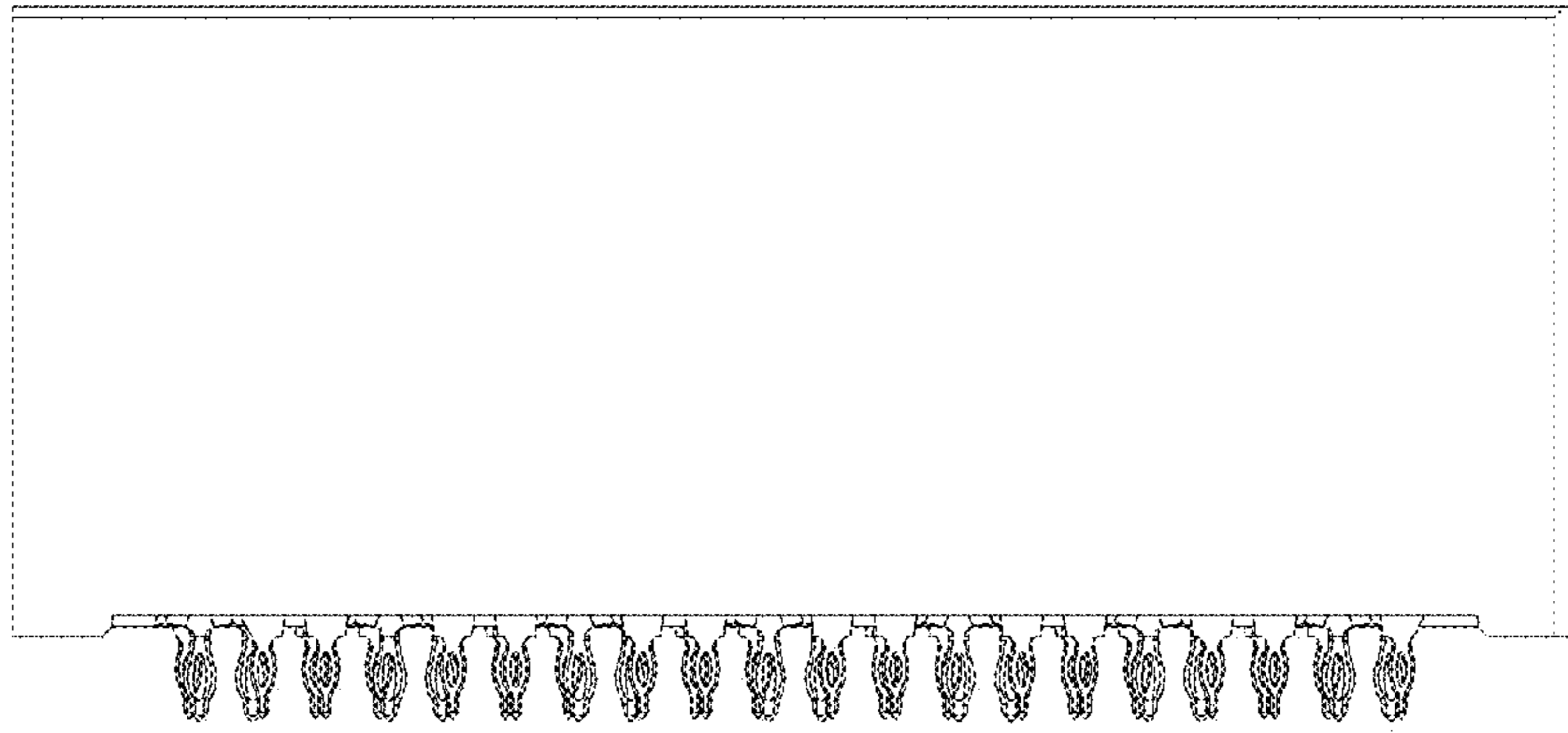


Fig.12

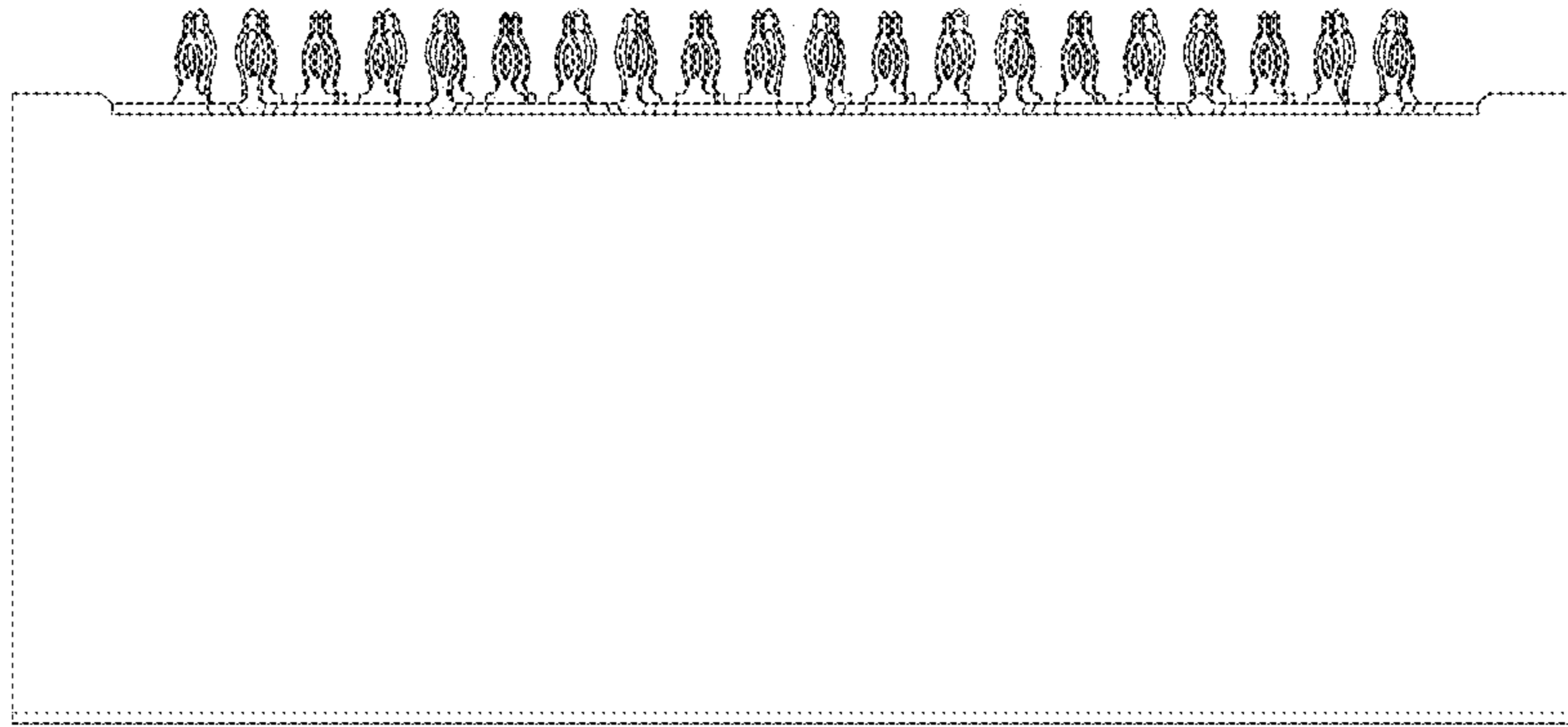


Fig.11

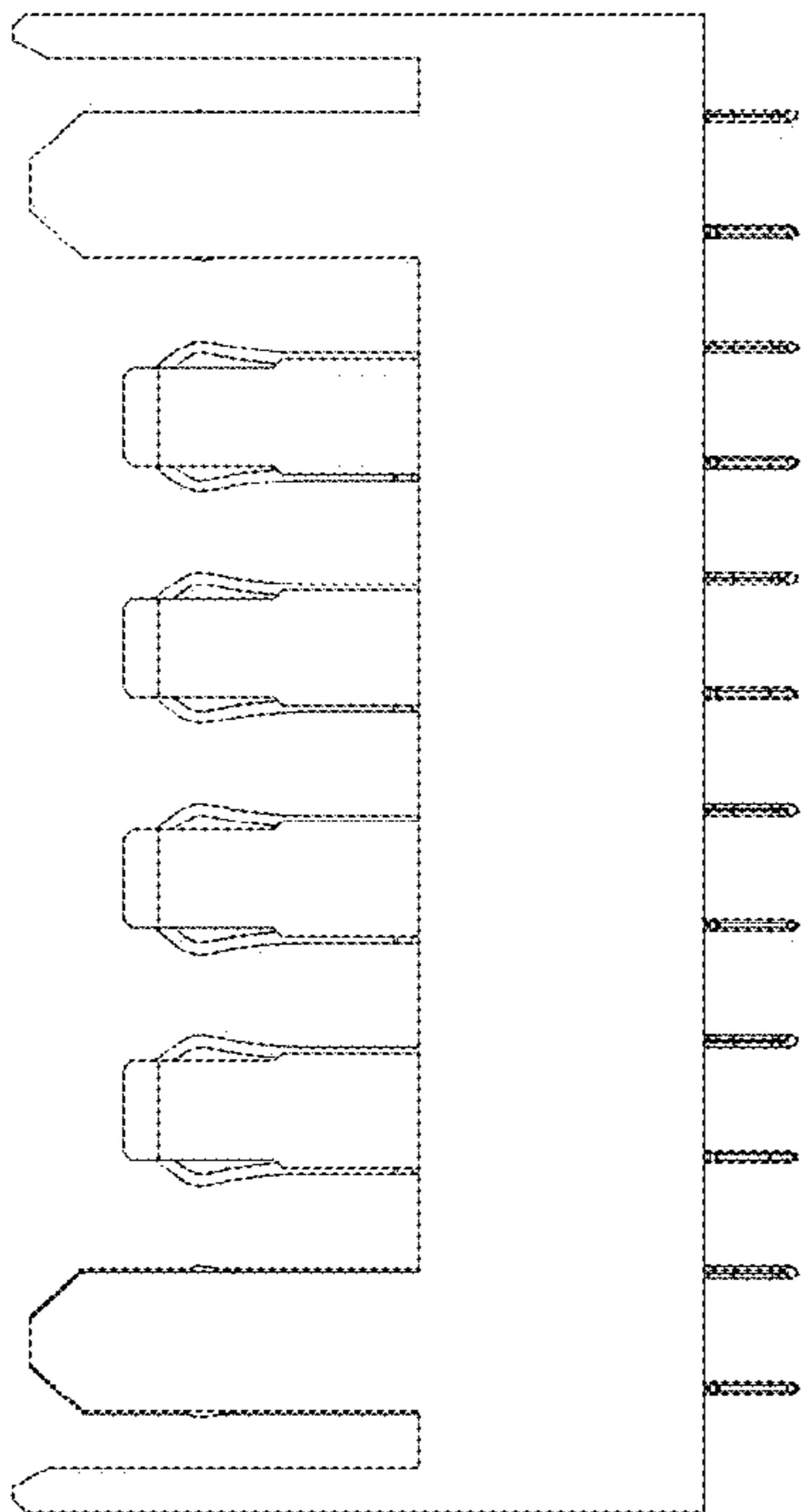


Fig.9

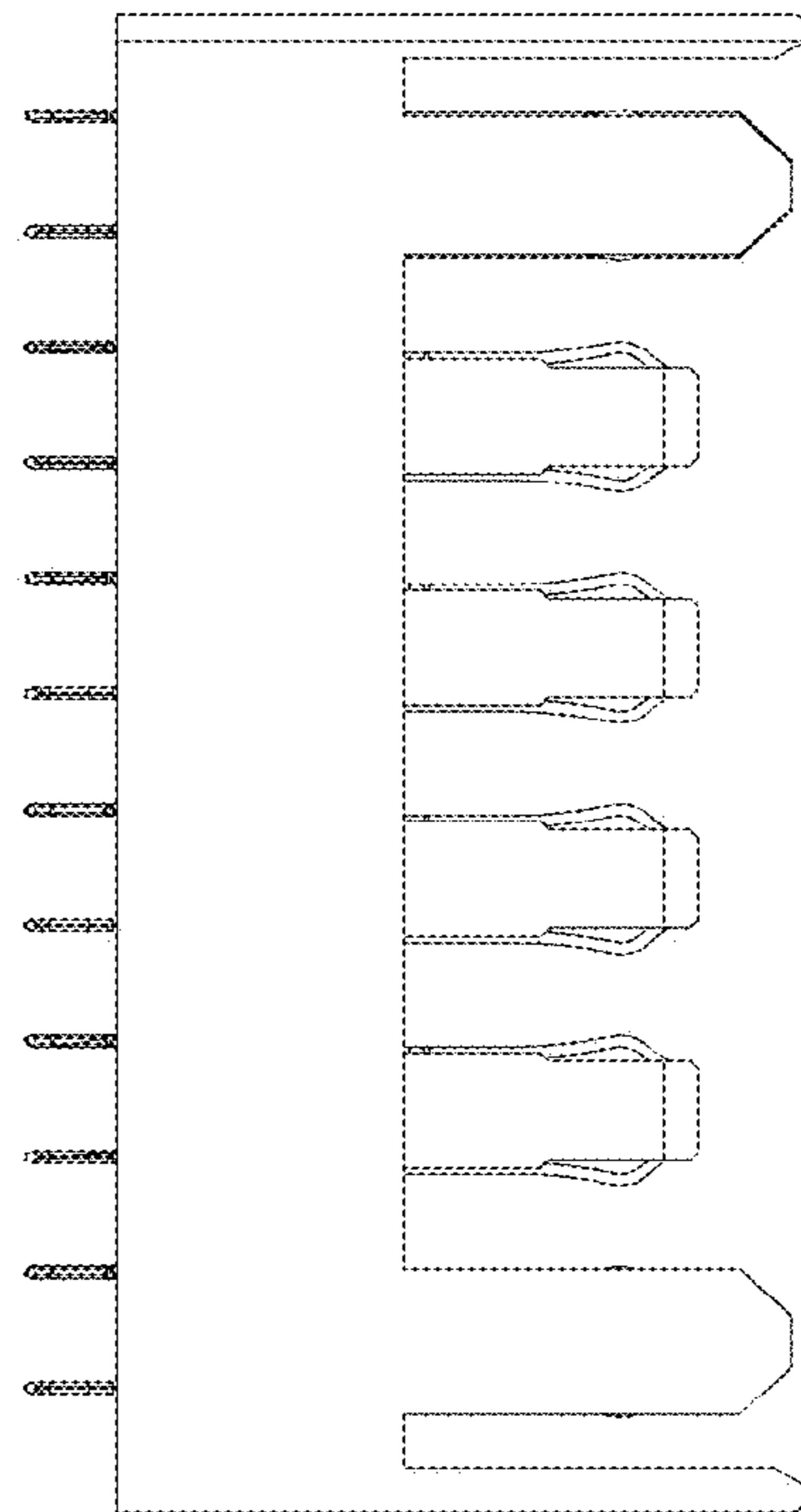


Fig.10

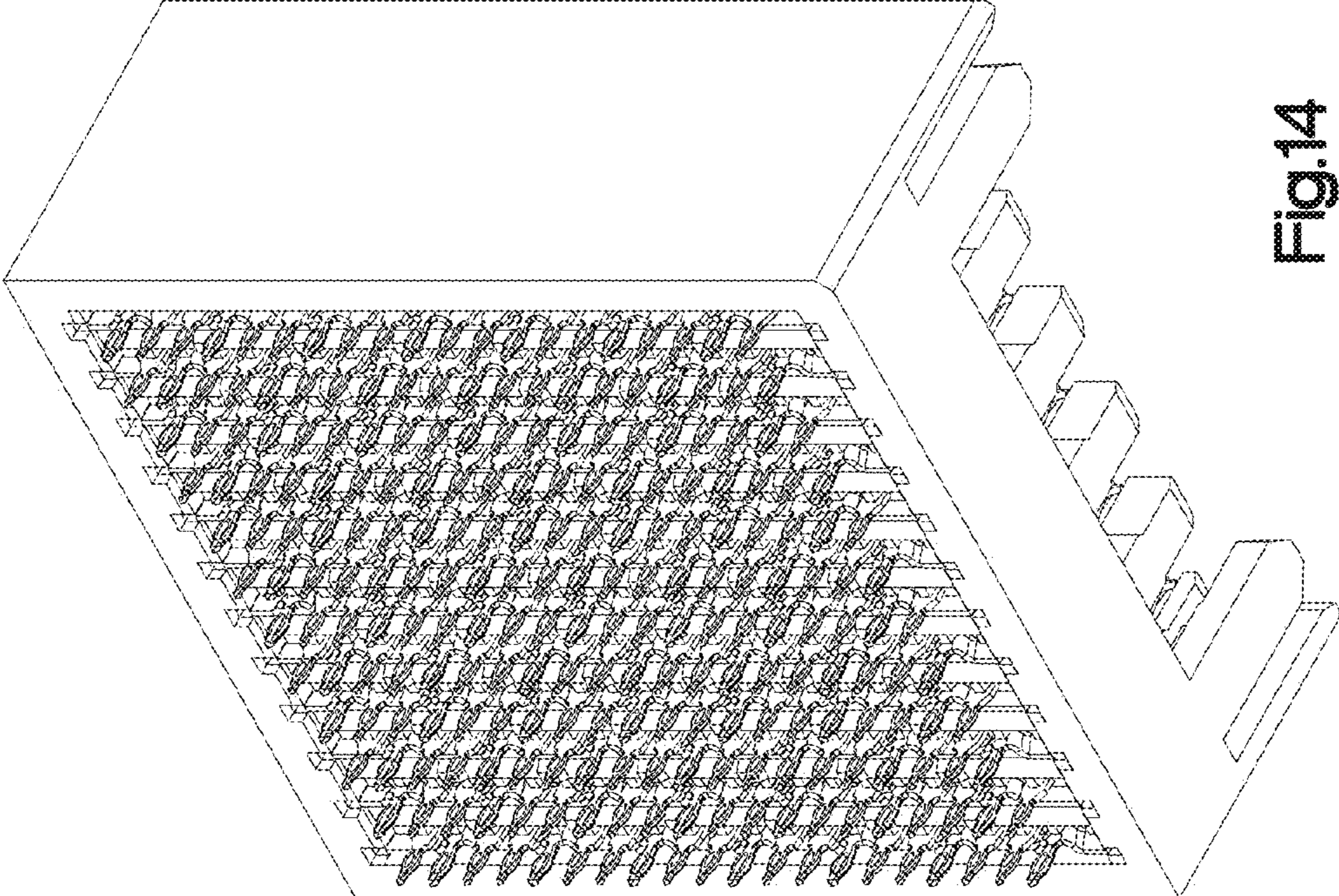


Fig.14

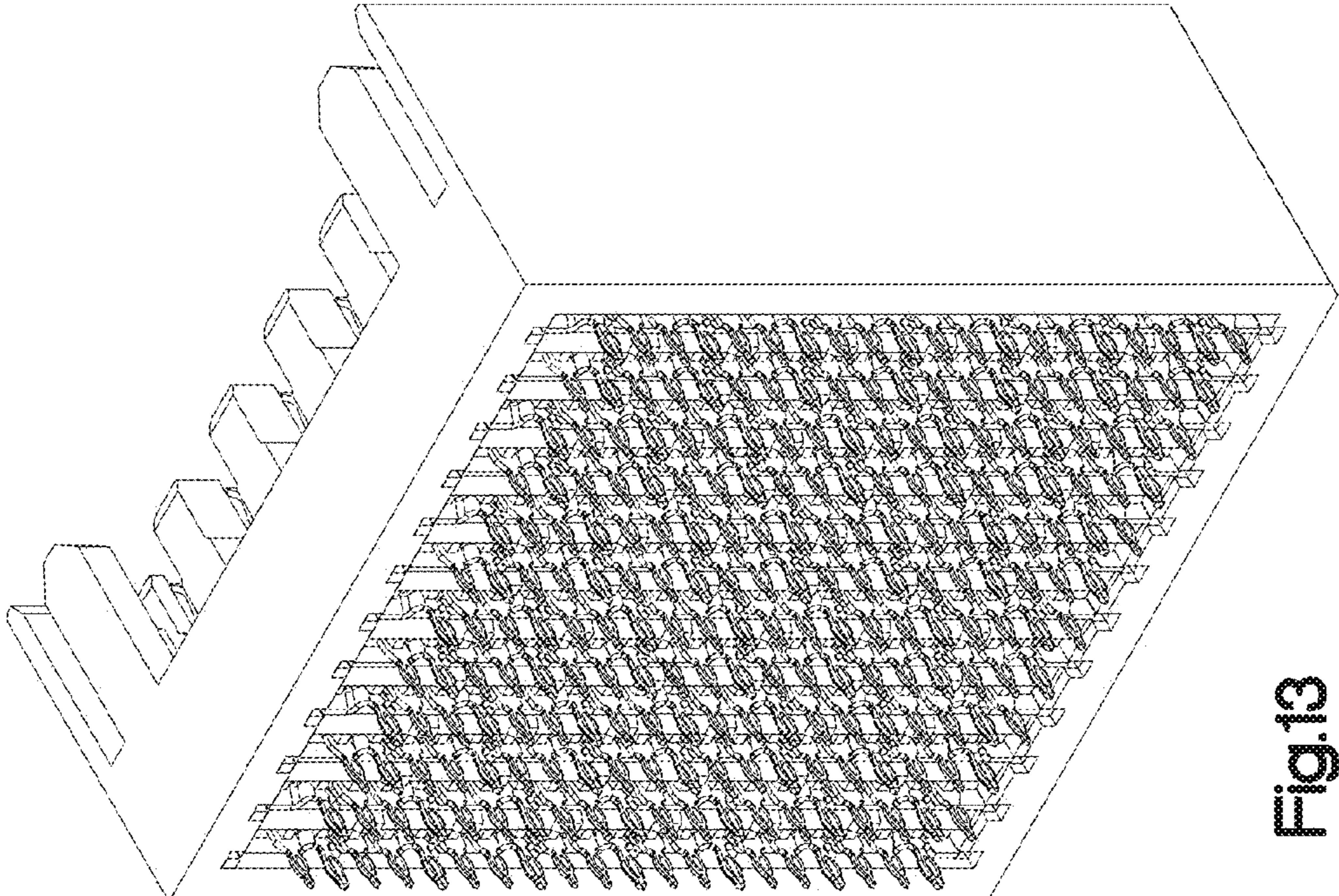


Fig.13

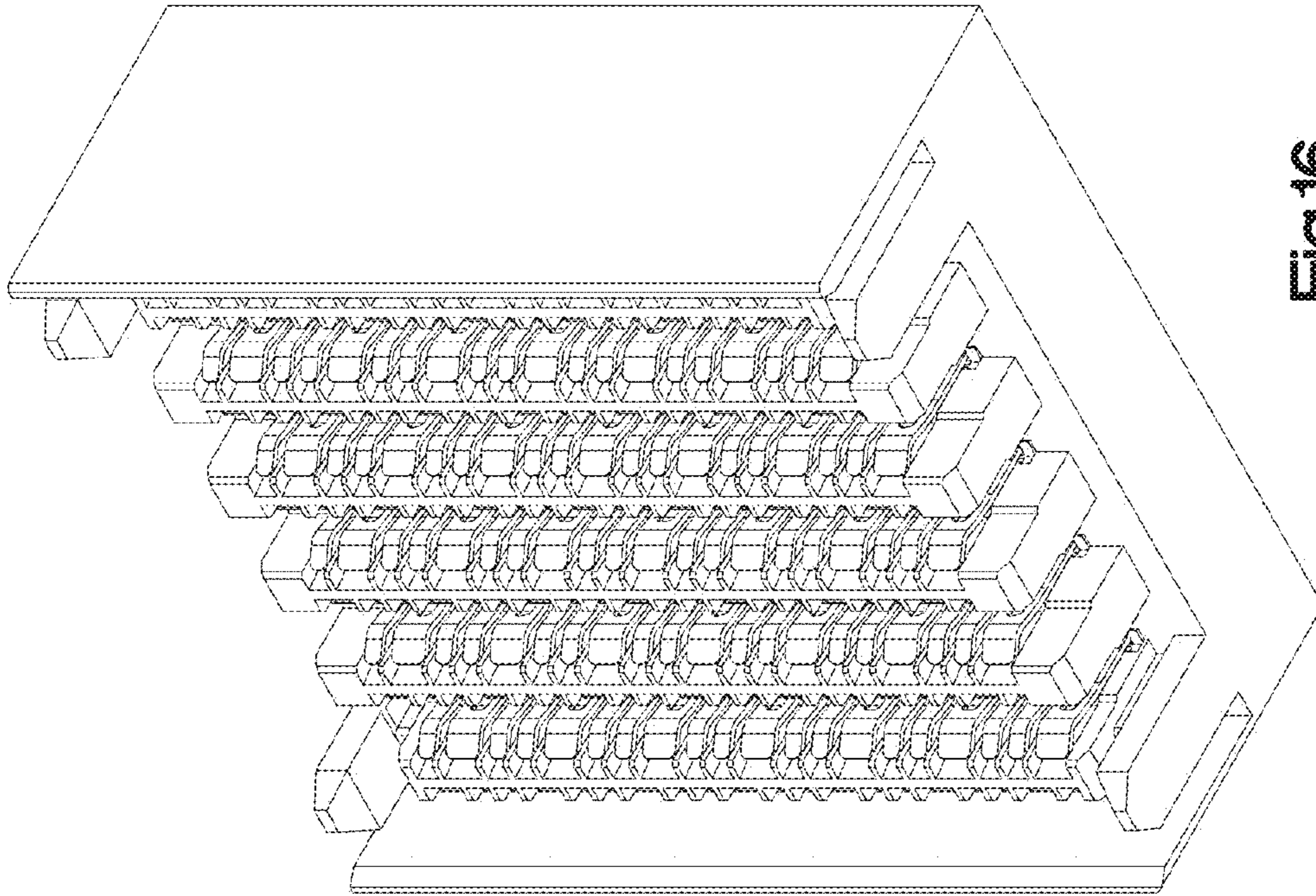


Fig.16

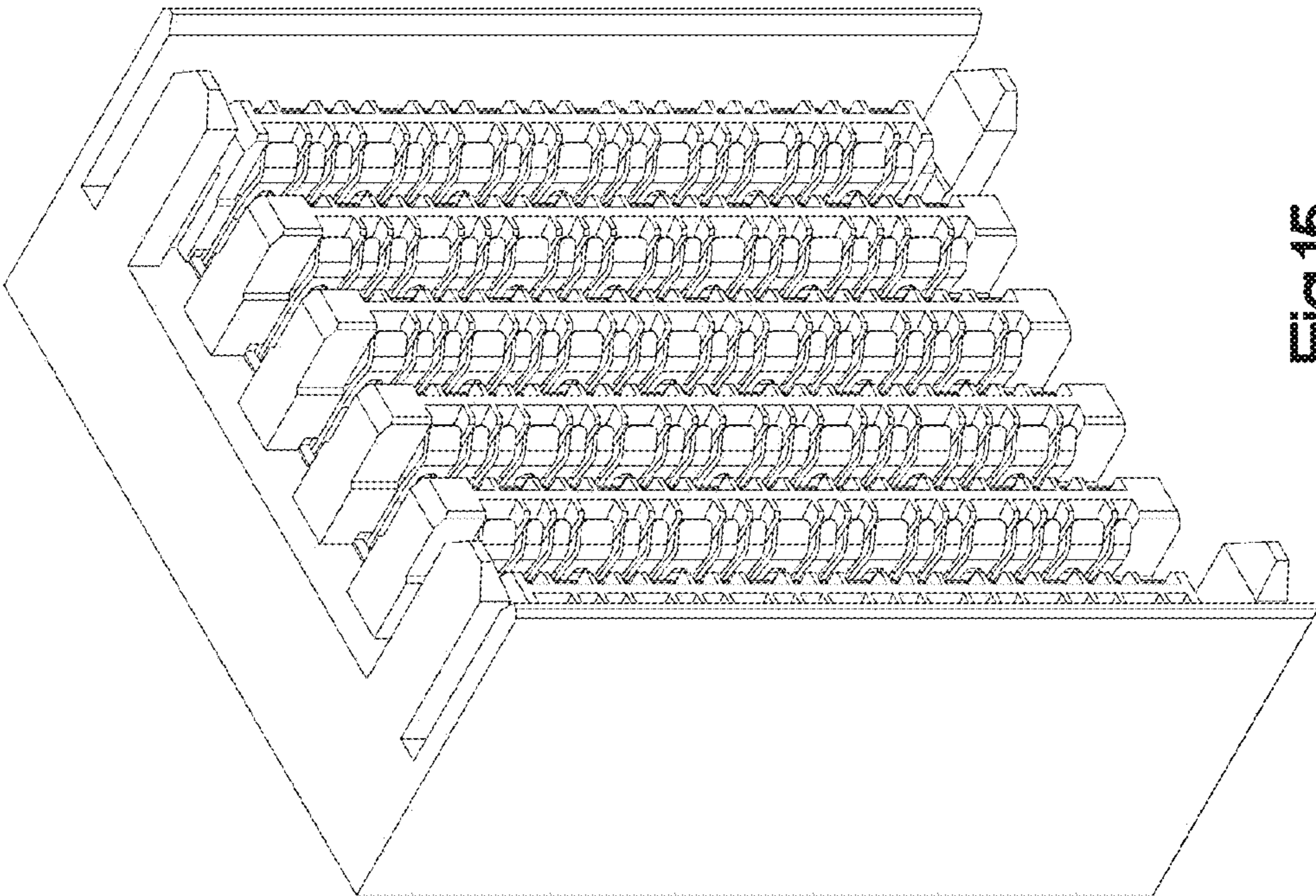


Fig.15

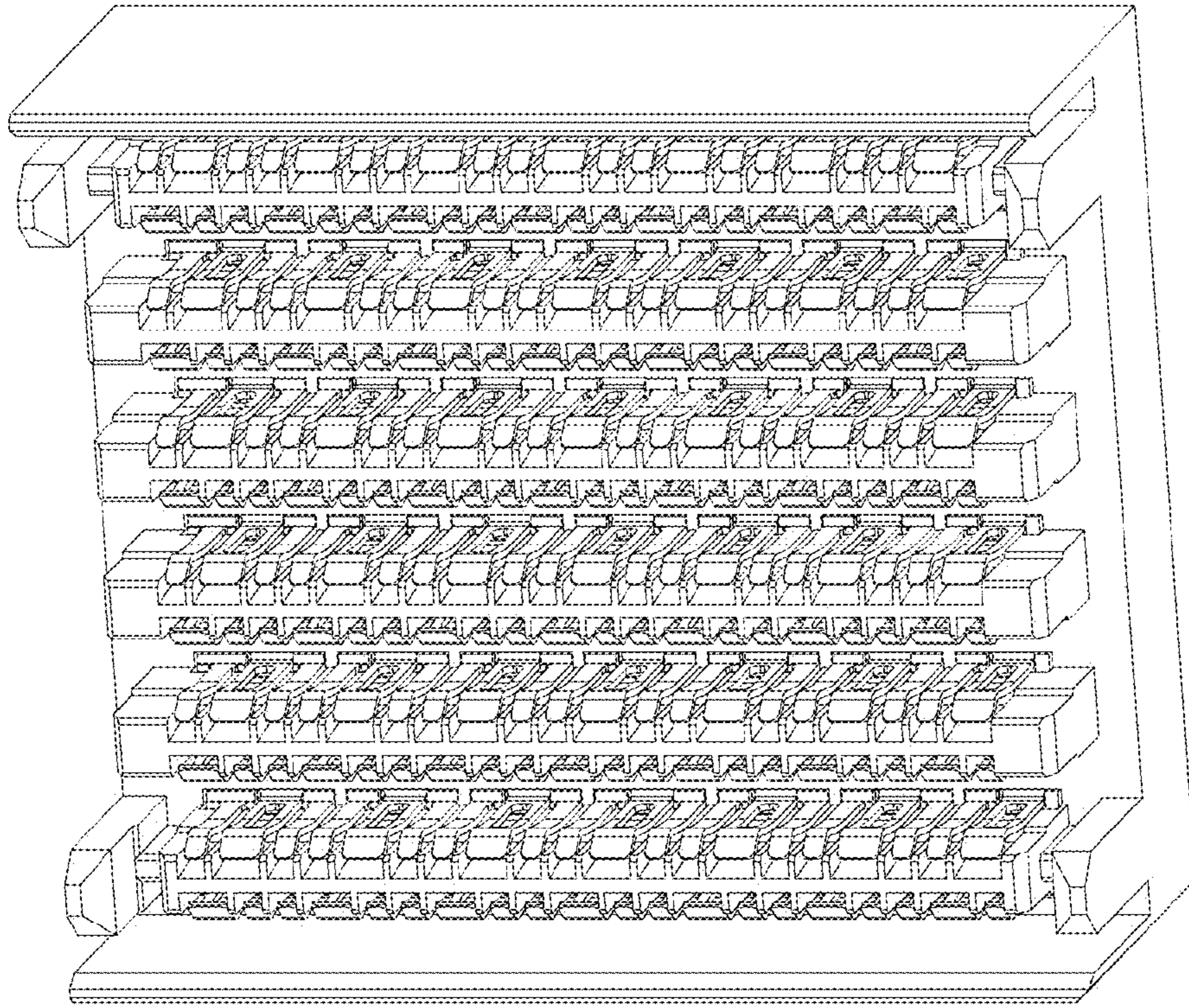


Fig.18

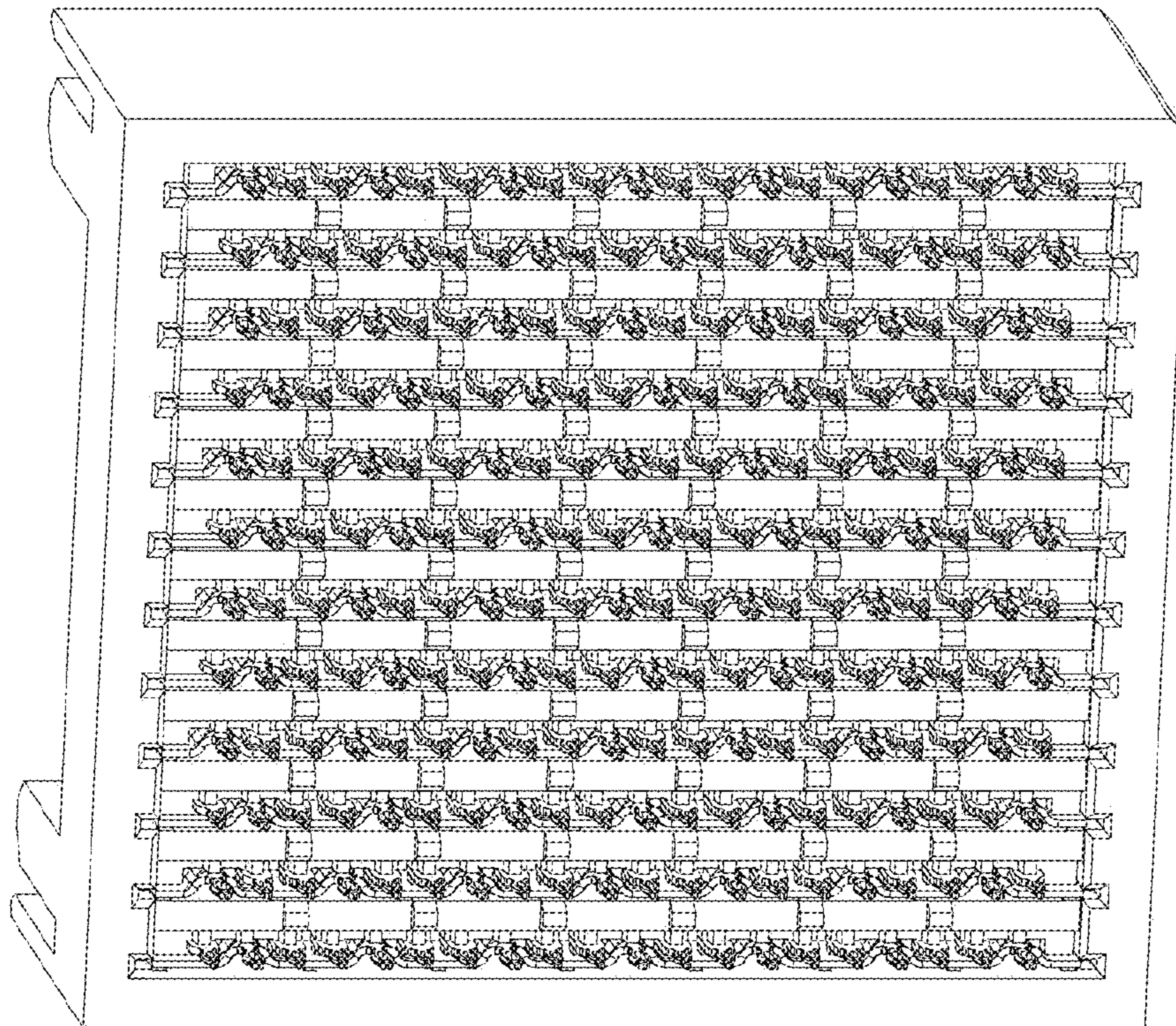


Fig.17

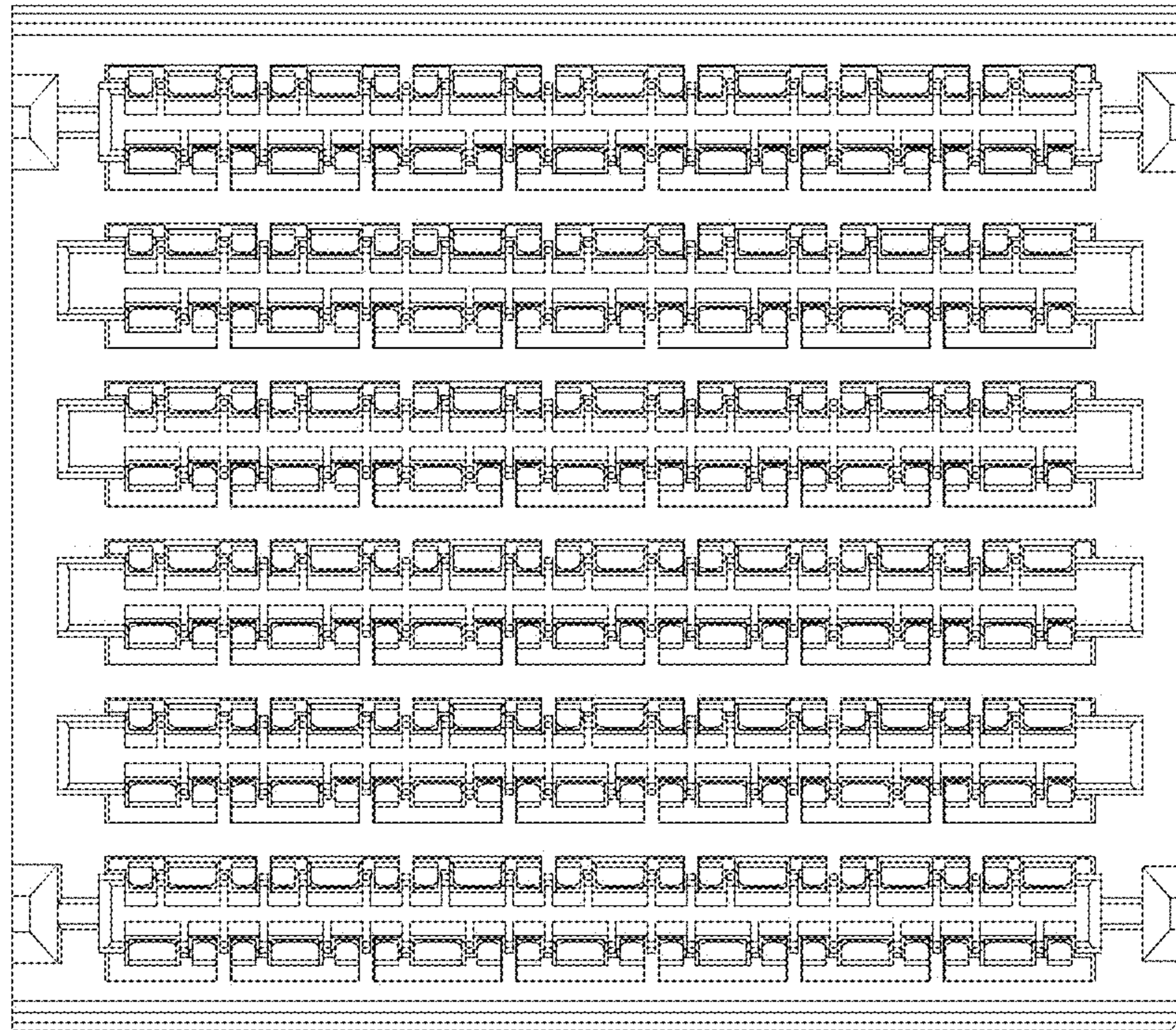


Fig. 20

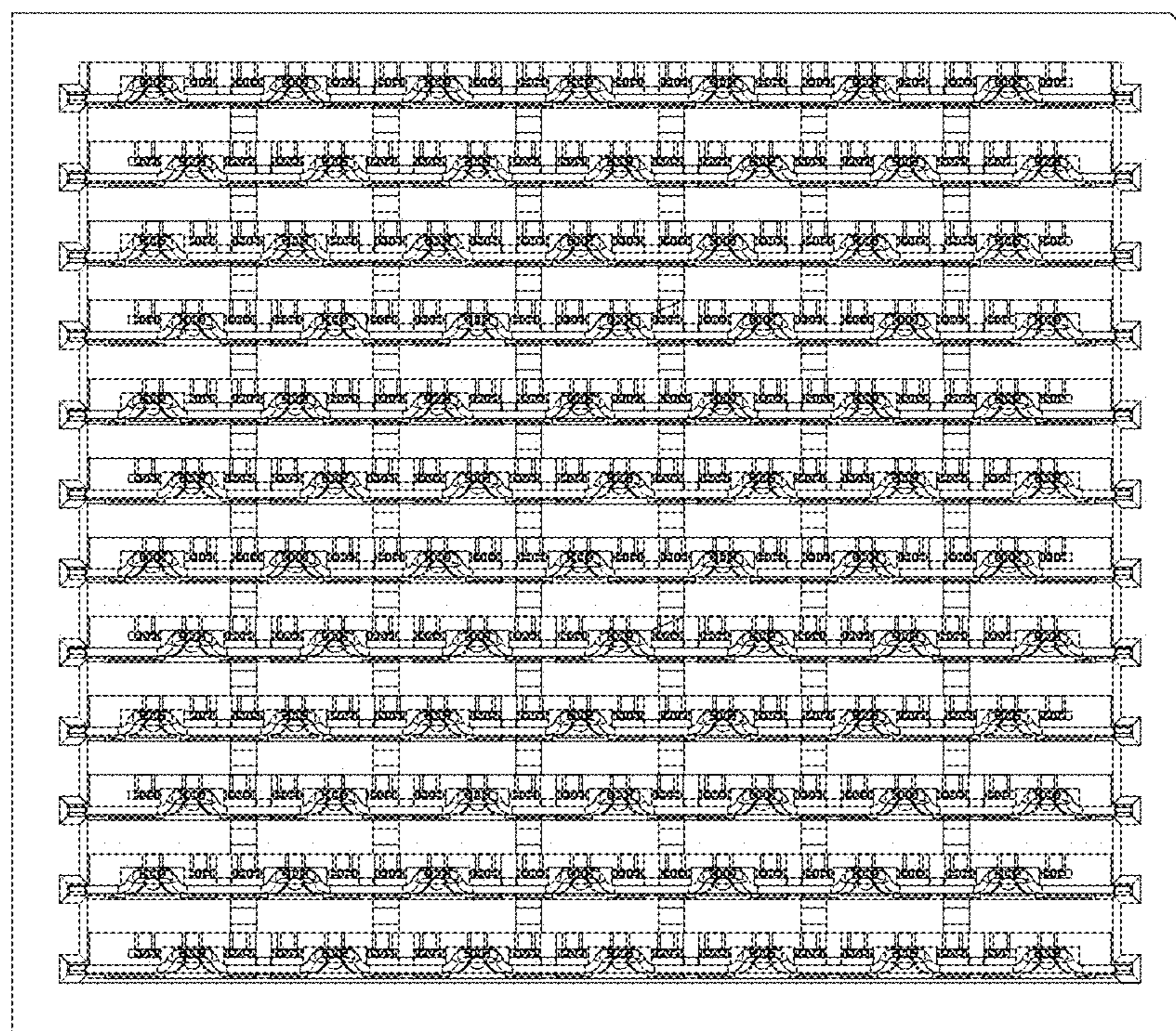


Fig. 19

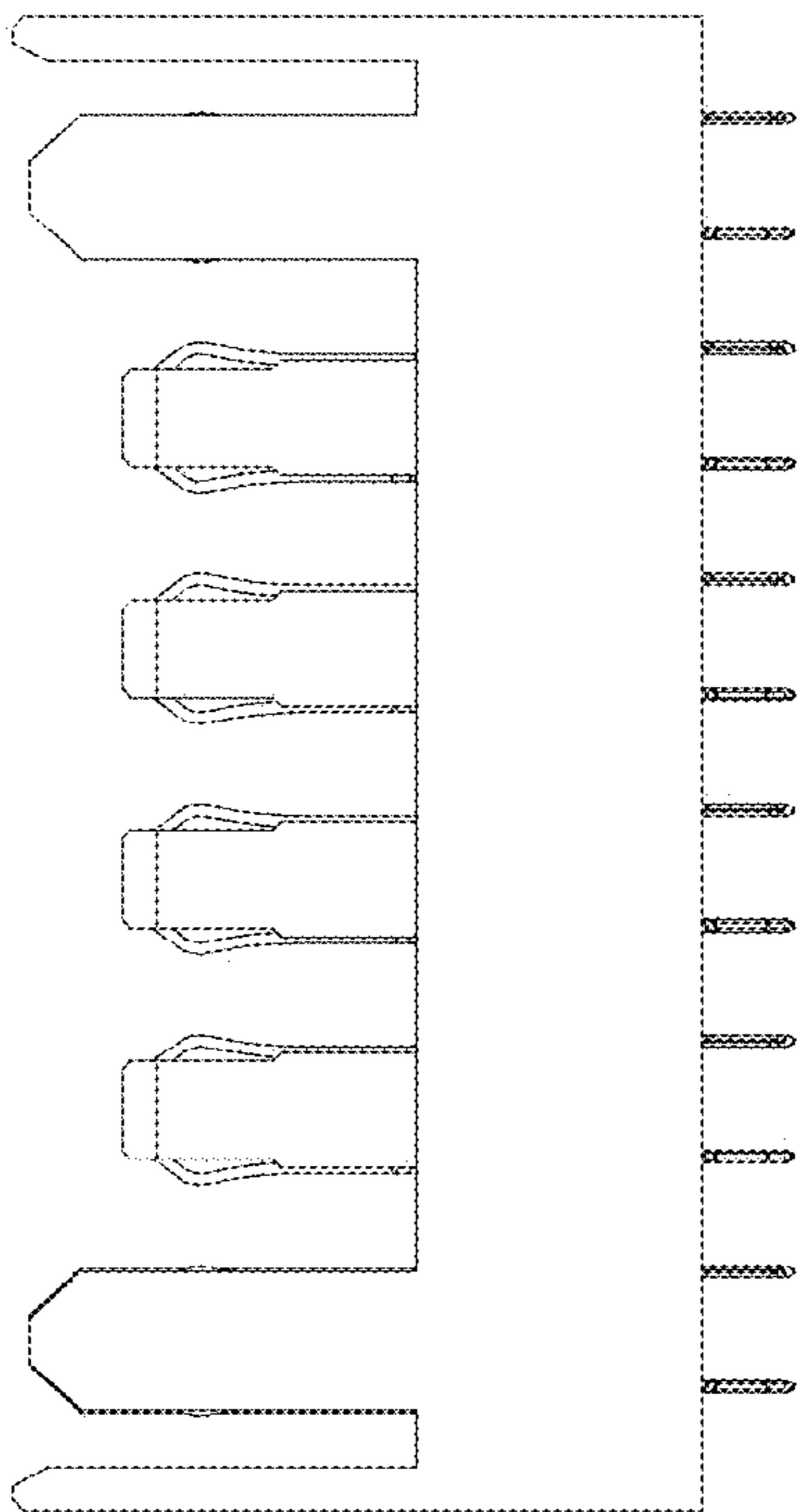


Fig.21

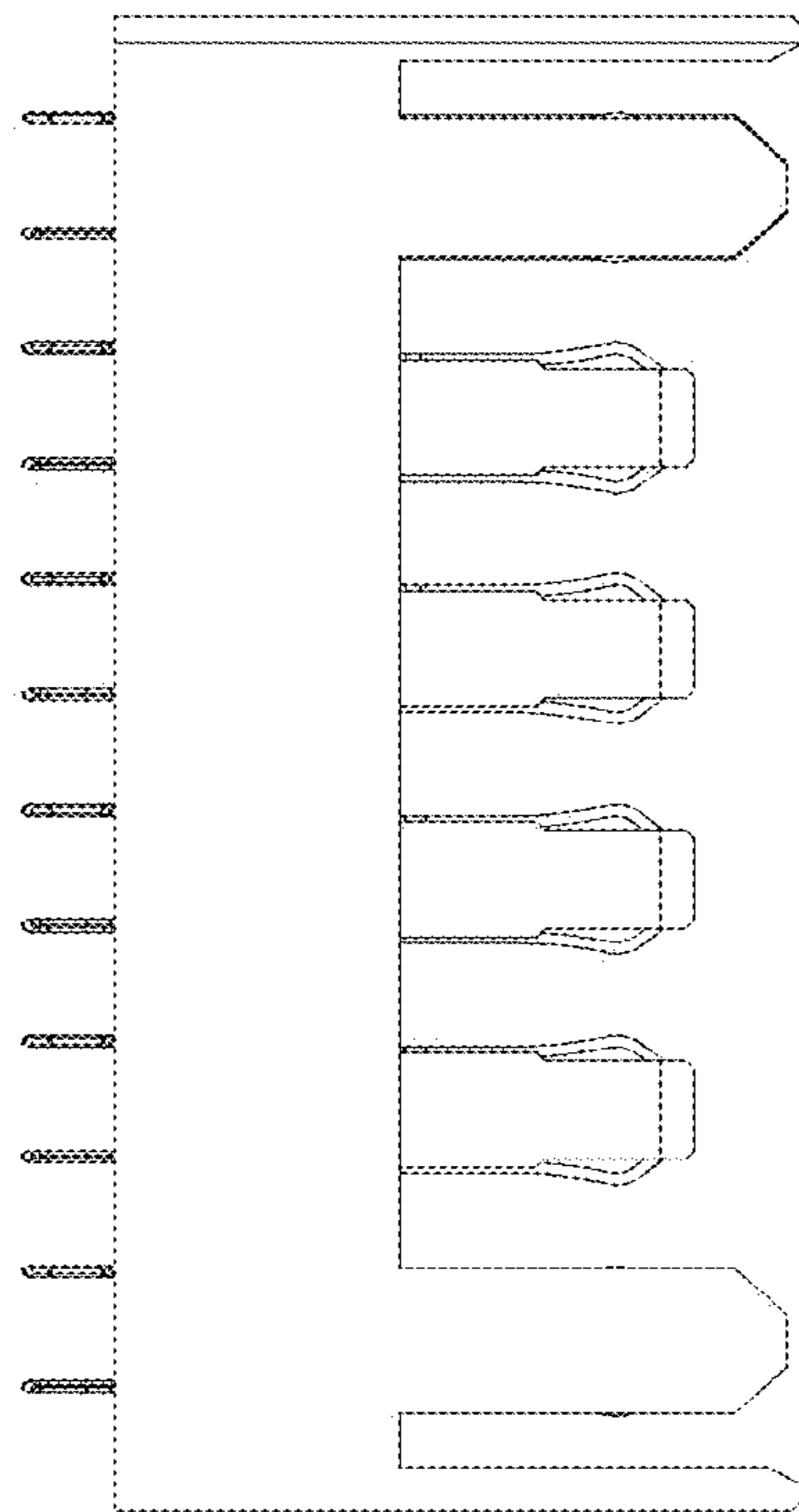


Fig.22

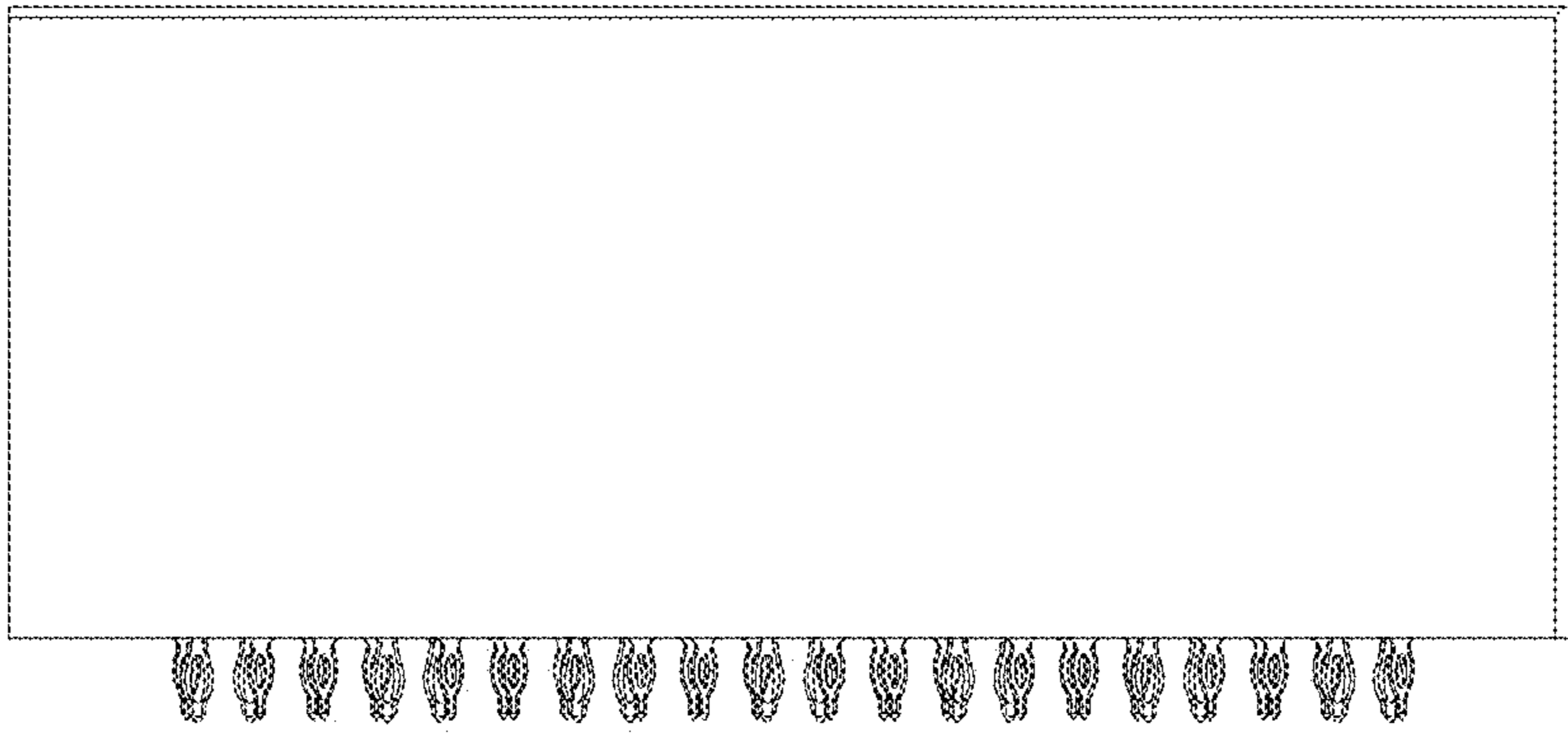


Fig.23

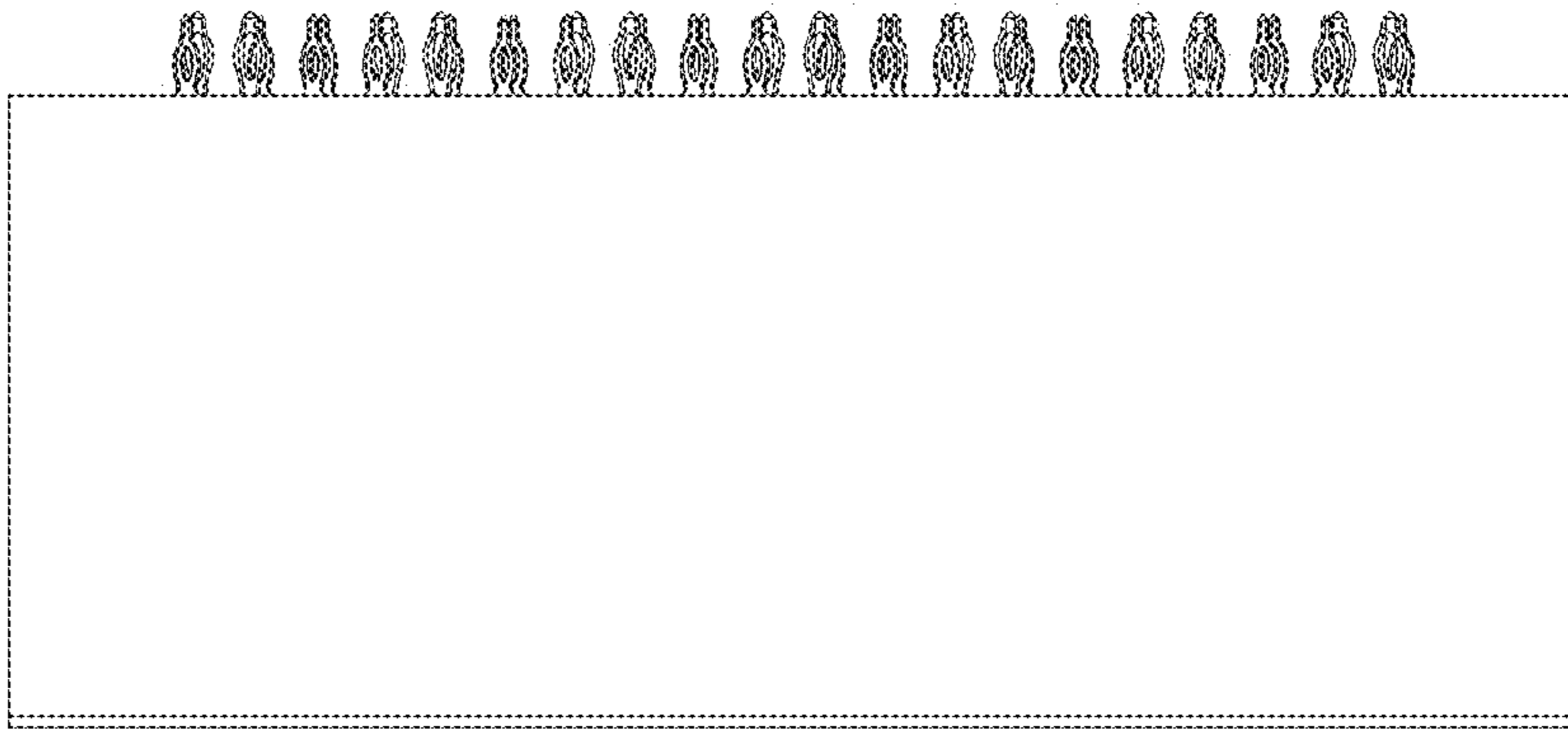


Fig.24

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : D713,346 S
APPLICATION NO. : 29/443206
DATED : September 16, 2014
INVENTOR(S) : Jonathan E. Buck et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page

At (57) DESCRIPTION, insert the following paragraph:

-- [0002] In a preferred embodiment, the nature of this product is an electrical component that can take the form of a vertical electrical connector, and a vertical electrical connector housing therefor. --

Signed and Sealed this
Twenty-third Day of December, 2014



Michelle K. Lee
Deputy Director of the United States Patent and Trademark Office