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(12) **United States Design Patent** (10) **Patent No.:** **US D767,505 S**  
**Buck et al.** (45) **Date of Patent:** **\*\* Sep. 27, 2016**

(54) **VERTICAL ELECTRICAL CONNECTOR HOUSING**

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- (\*\*) Term: **15 Years**
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**Related U.S. Application Data**

- (60) Continuation of application No. 29/526,301, filed on May 7, 2015, now Pat. No. Des. 751,992, which is a continuation of application No. 29/496,690, filed on Jul. 16, 2014, now Pat. No. Des. 731,437, which is a division of application No. 29/443,206, filed on Jan. 14, 2013, now Pat. No. Des. 713,346.

- (51) **LOC (10) Cl.** ..... **13-03**
- (52) **U.S. Cl.**  
USPC ..... **D13/154; D13/147**

- (58) **Field of Classification Search**  
USPC ..... D13/120, 133, 147, 154, 184, 199  
CPC .. H01R 9/031; H01R 9/0518; H01R 9/0524;  
H01R 9/0527; H01R 9/075; H01R 9/09;  
H01R 9/091; H01R 9/098; H01R 9/223;  
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24/66; H01R 24/86

See application file for complete search history.

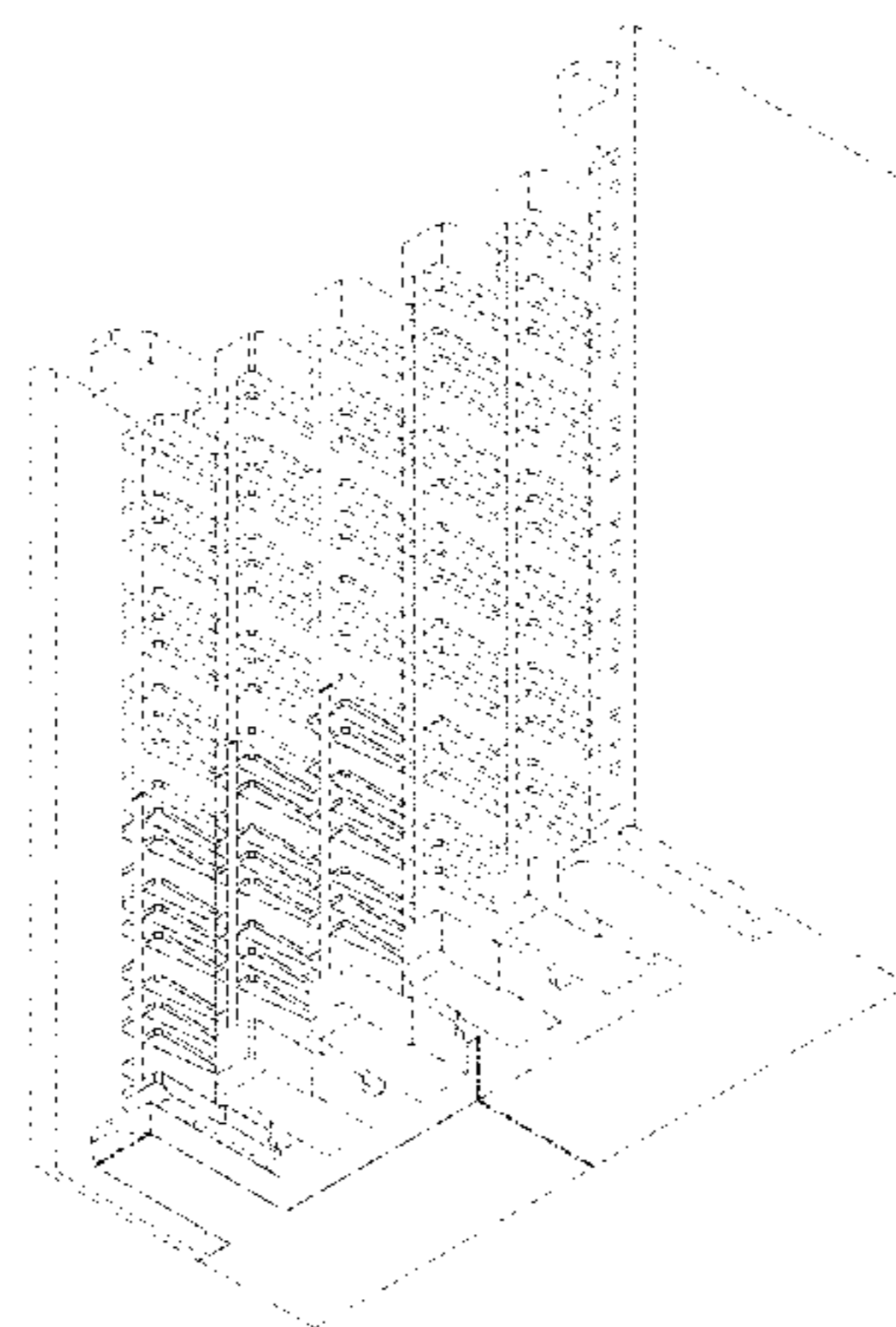
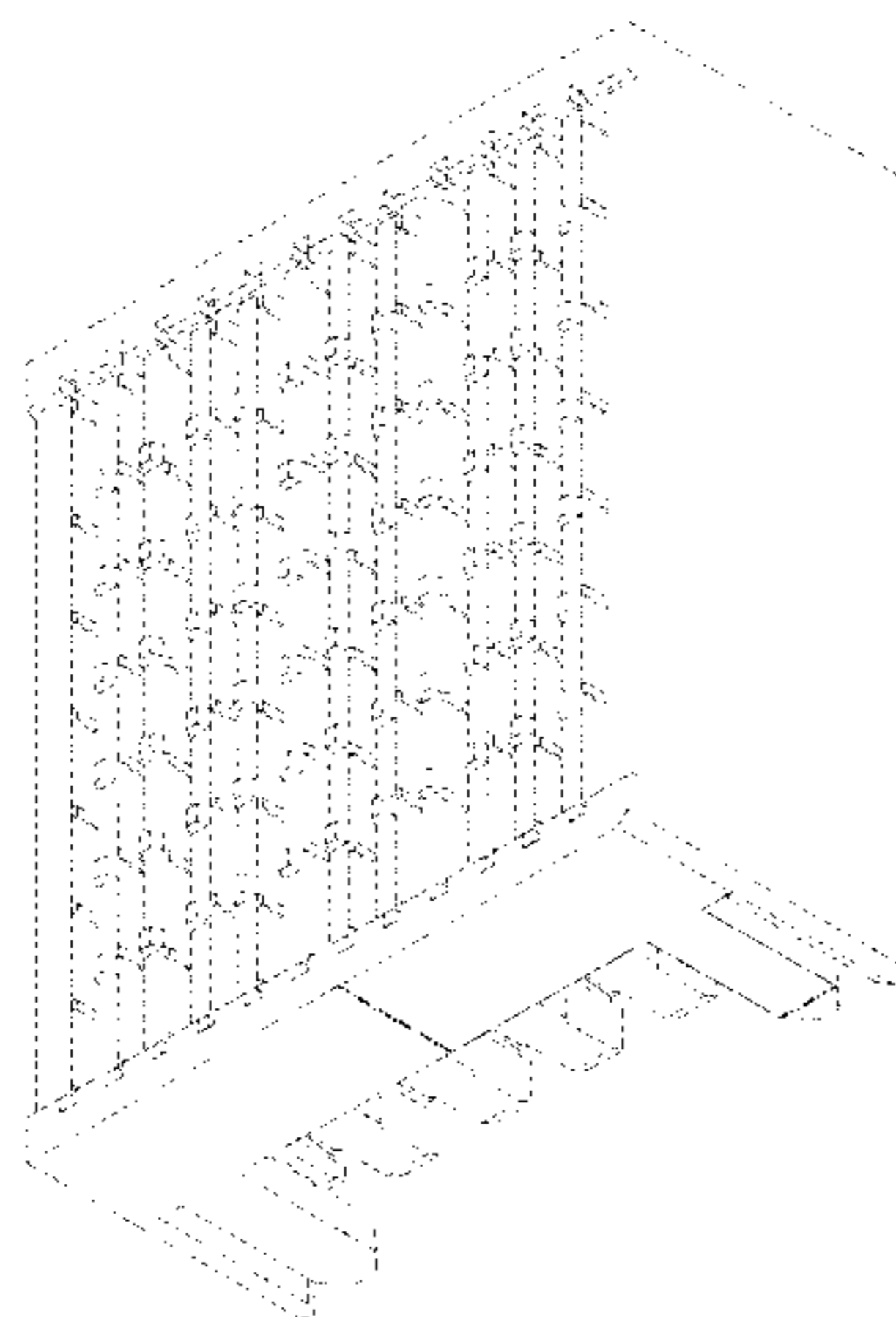
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P.C.

(57) **CLAIM**  
The ornamental design for a vertical electrical connector housing, as shown and described.

**DESCRIPTION**

FIG. 1 is a top, left, rear perspective view of a vertical electrical connector housing according to one embodiment of our 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 left side elevation view thereof;  
FIG. 12 is a right side elevation view thereof;  
FIG. 13 is a top, left, rear perspective view of a vertical electrical connector housing according to another embodiment of our 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 left side elevation view thereof; and,  
FIG. 24 is a right side elevation view thereof.  
The broken line in the figure drawing view represents unclaimed environment only and forms no part of the claimed design. The dash-dot line represents the boundary of the claimed design.  
In a preferred embodiment, the nature of this product is an electrical component that can take the form of a vertical electrical connector housing.

**1 Claim, 10 Drawing Sheets**

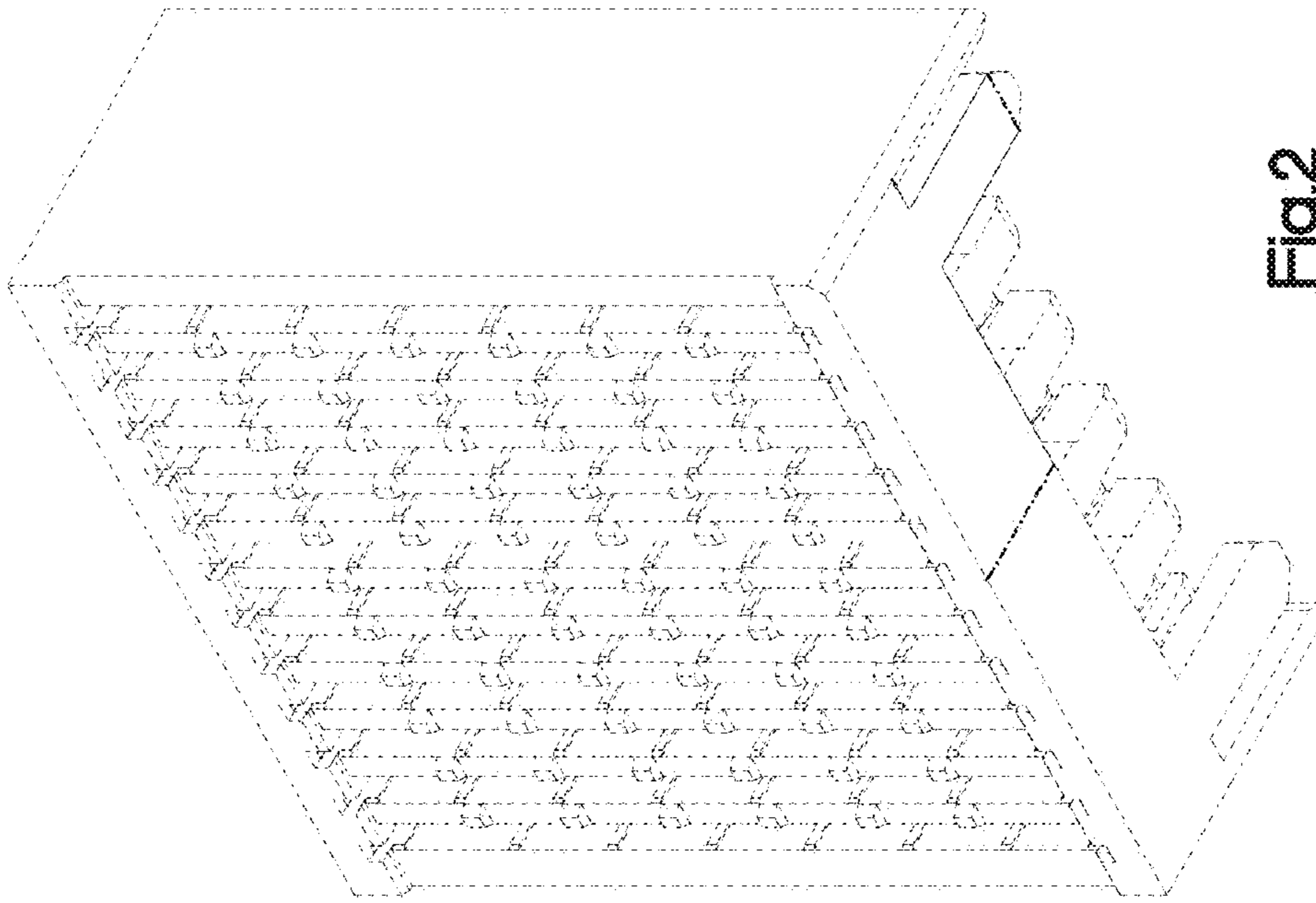


Fig. 2

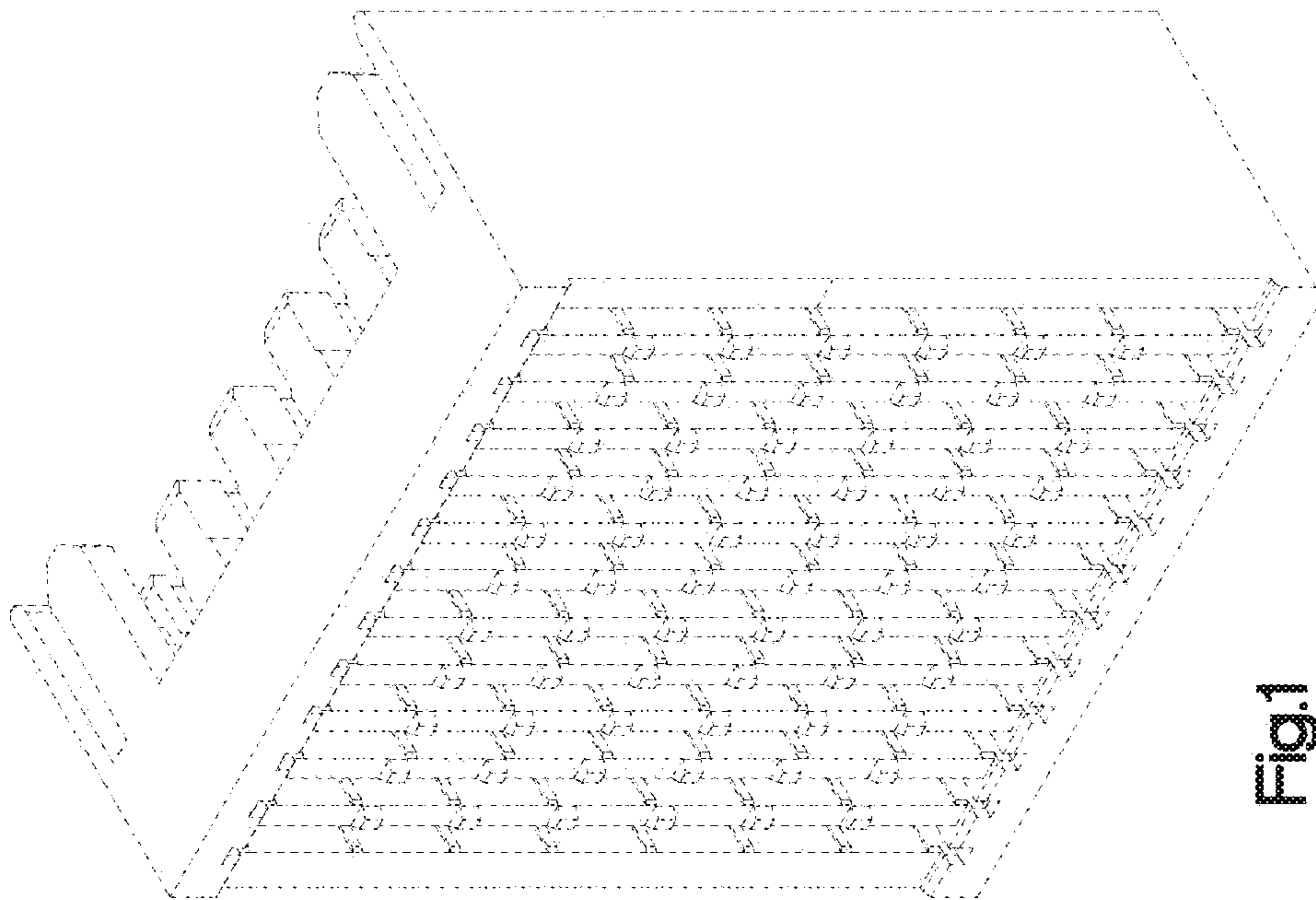


Fig. 1

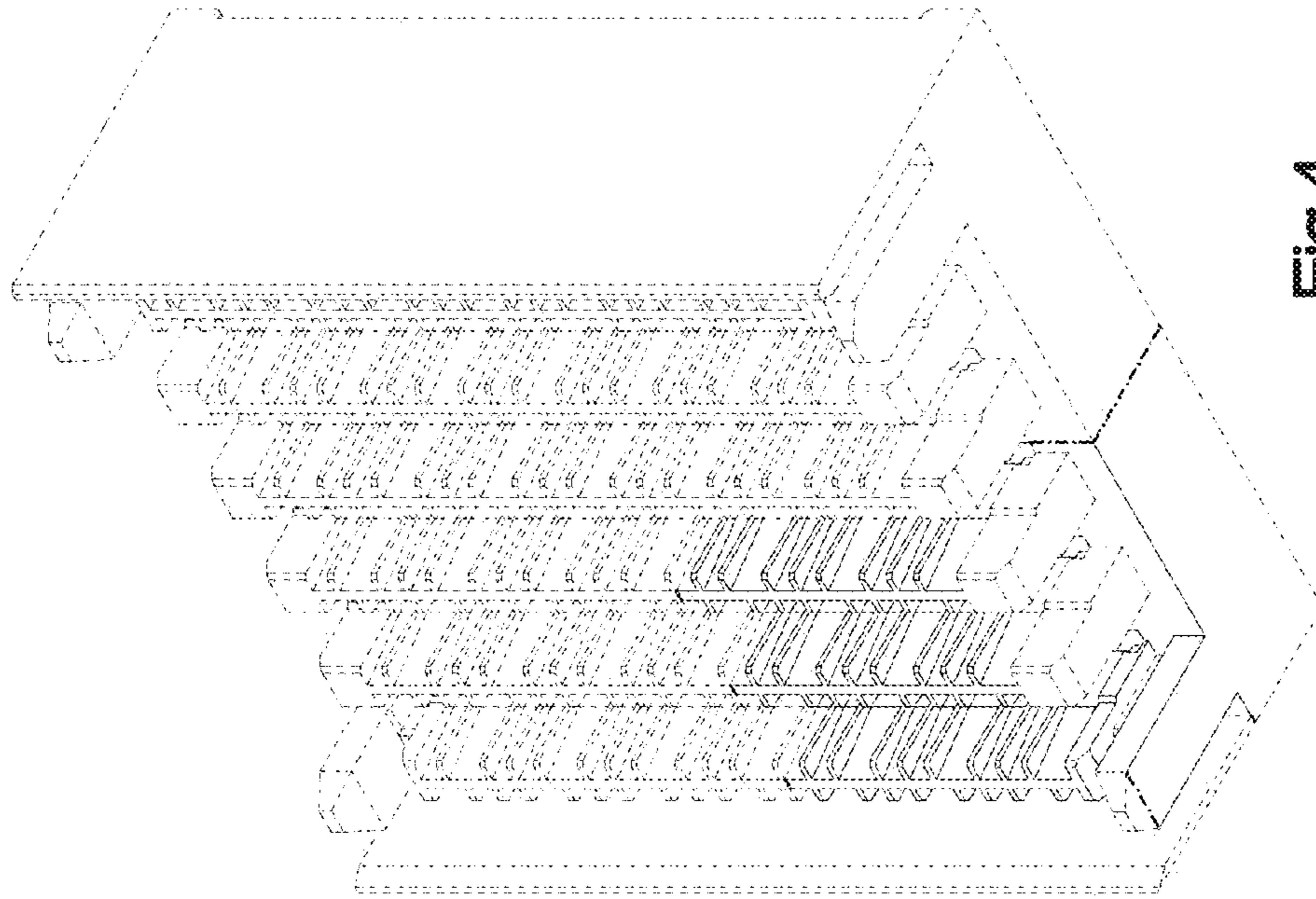


Fig.4

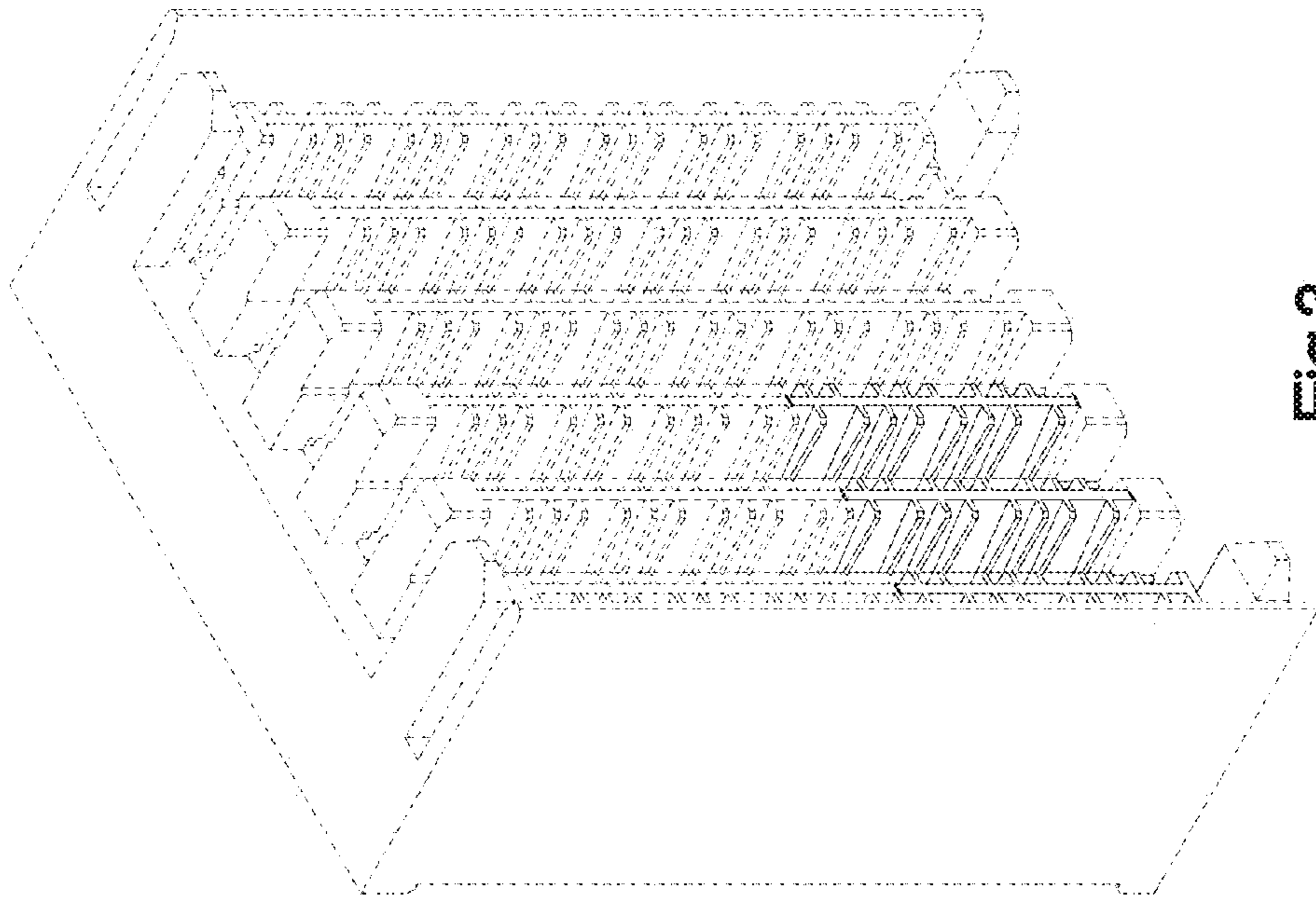


Fig.3

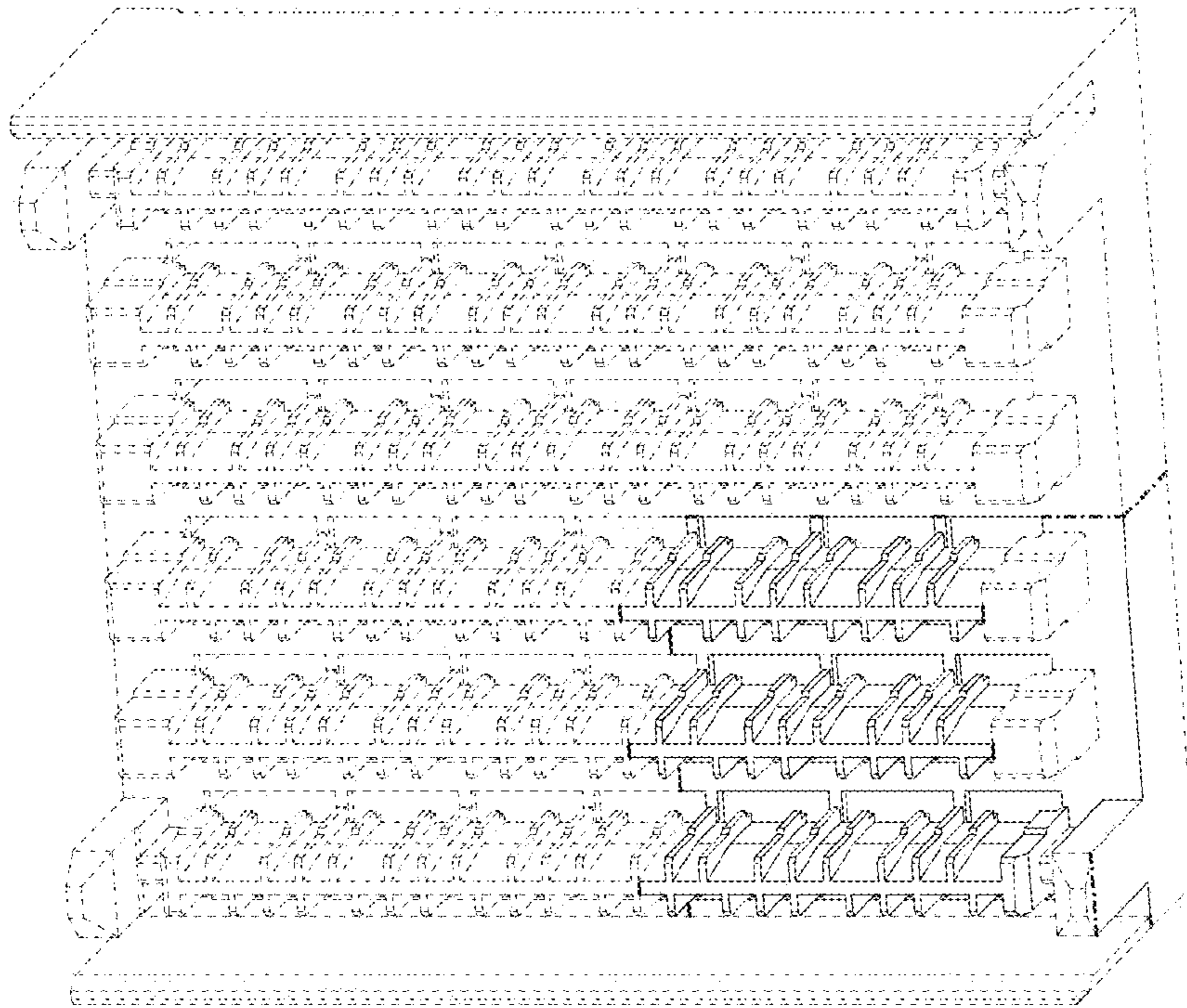


Fig. 6

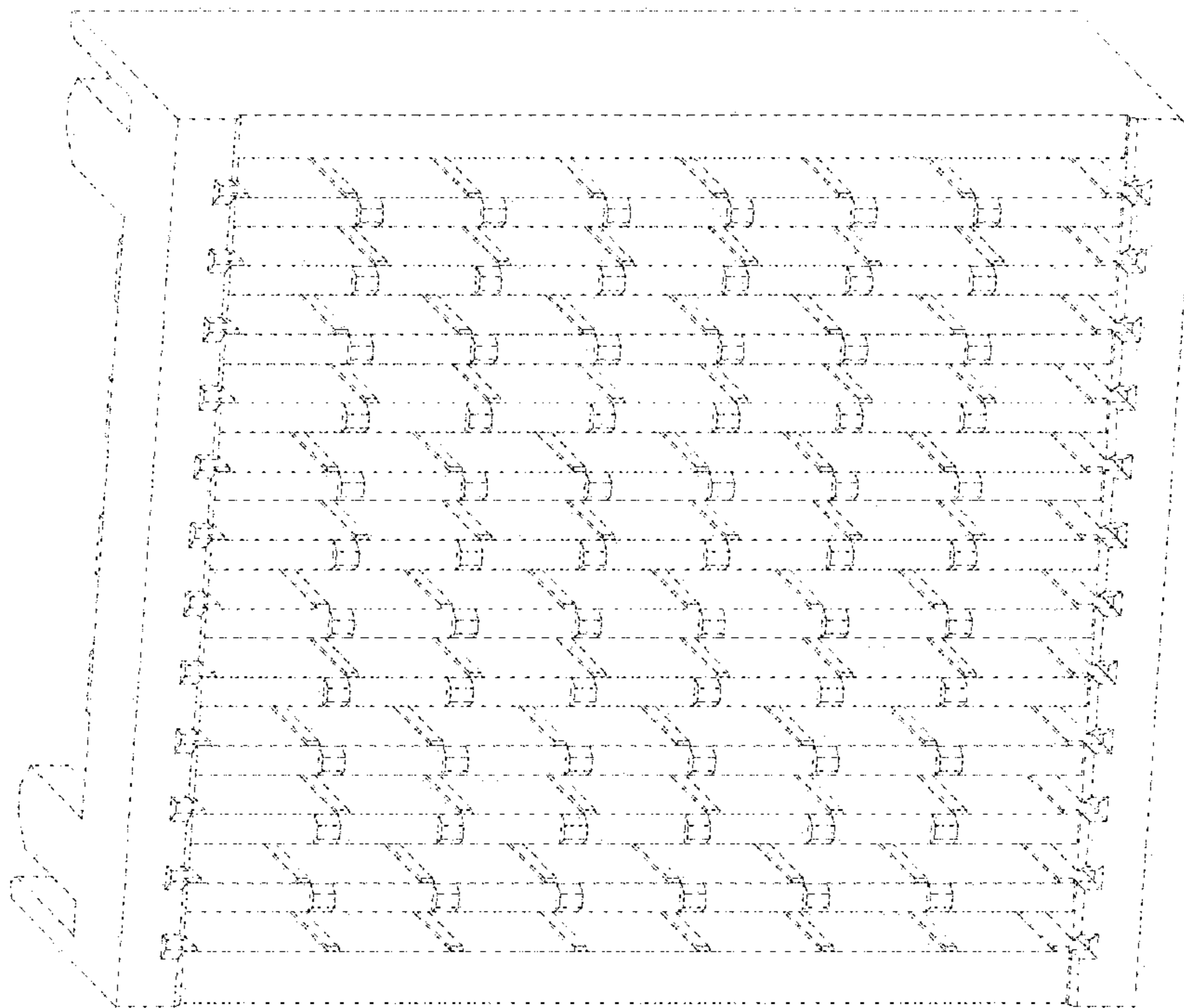


Fig. 5

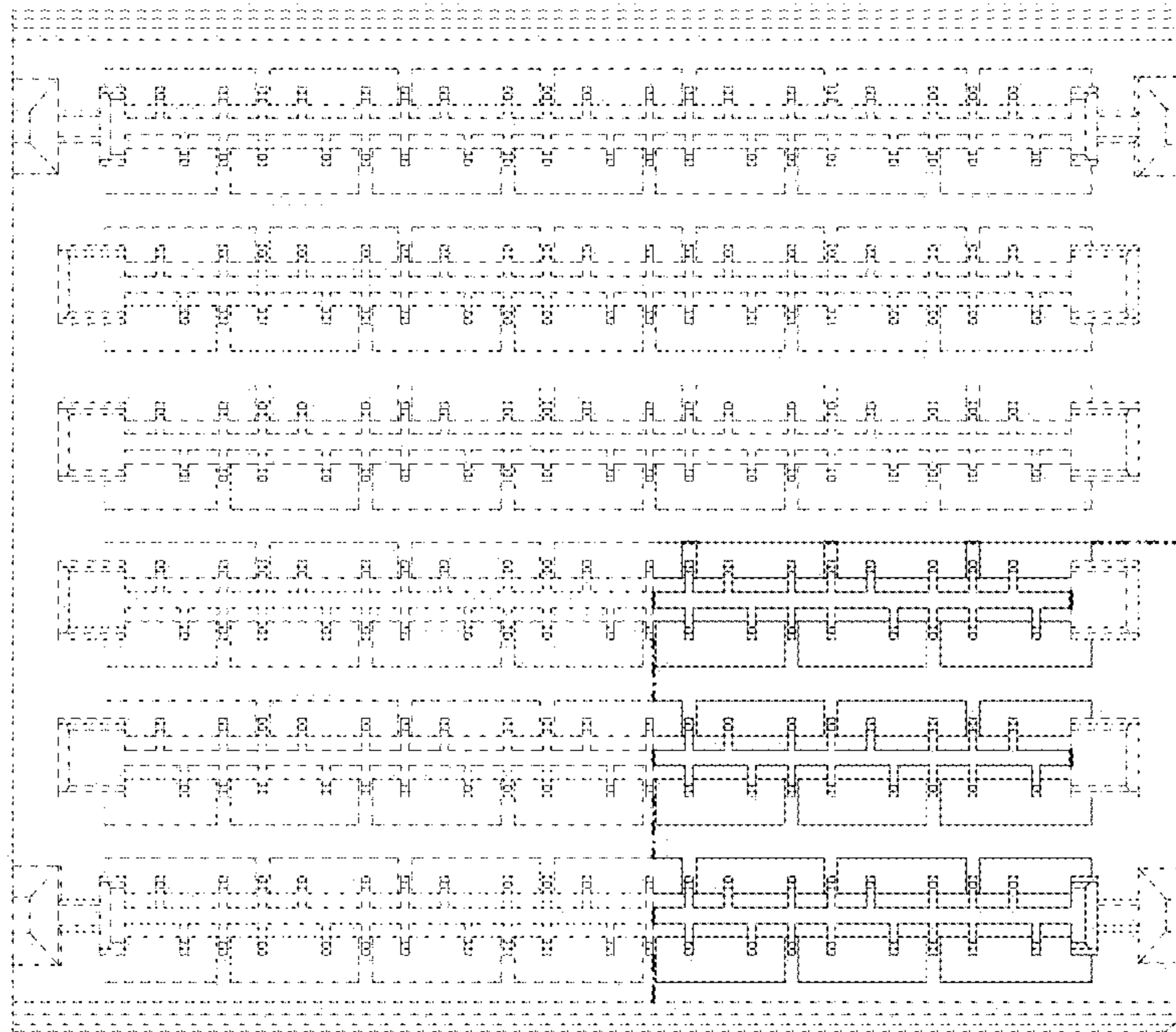


Fig. 8

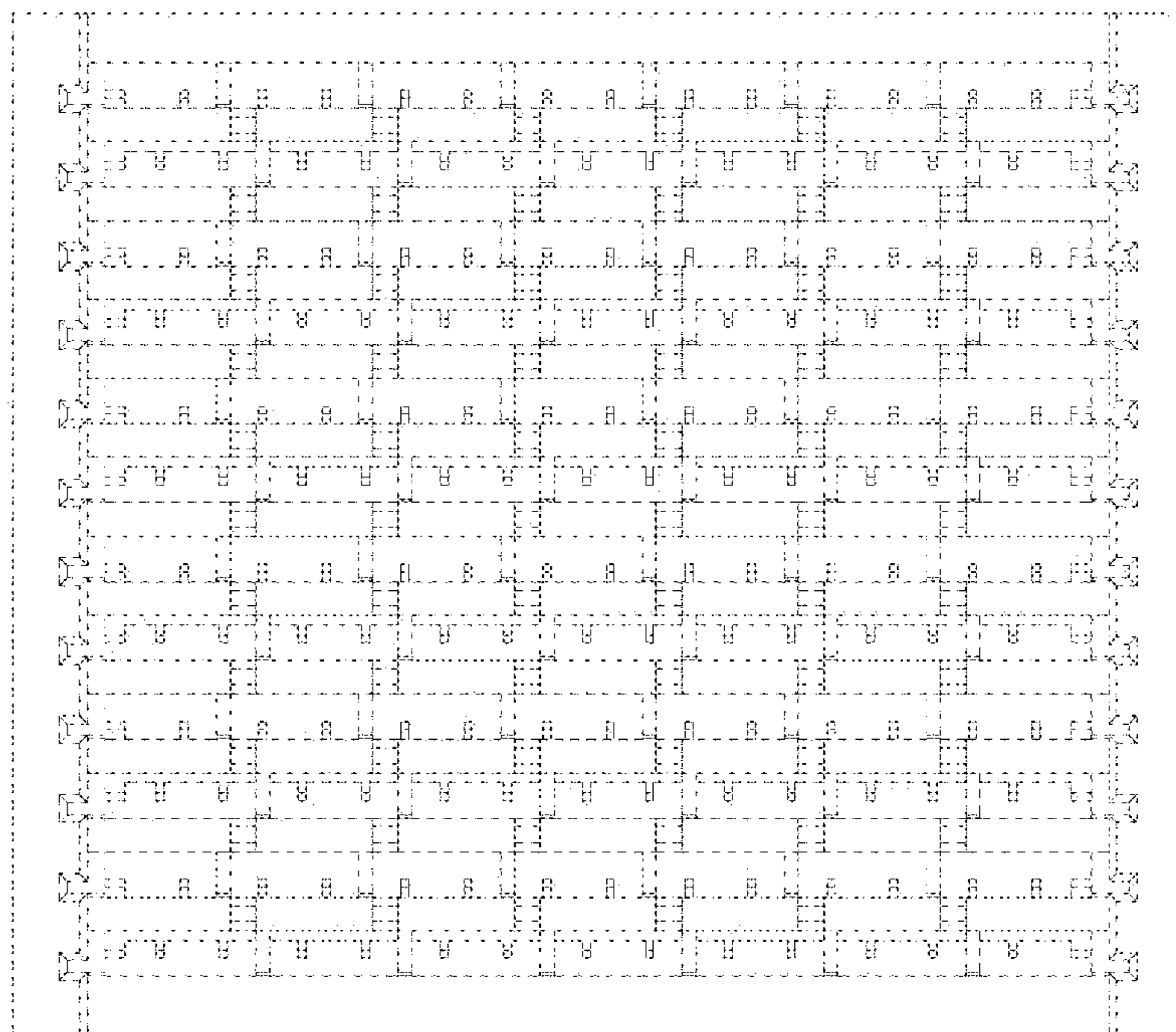


Fig. 7

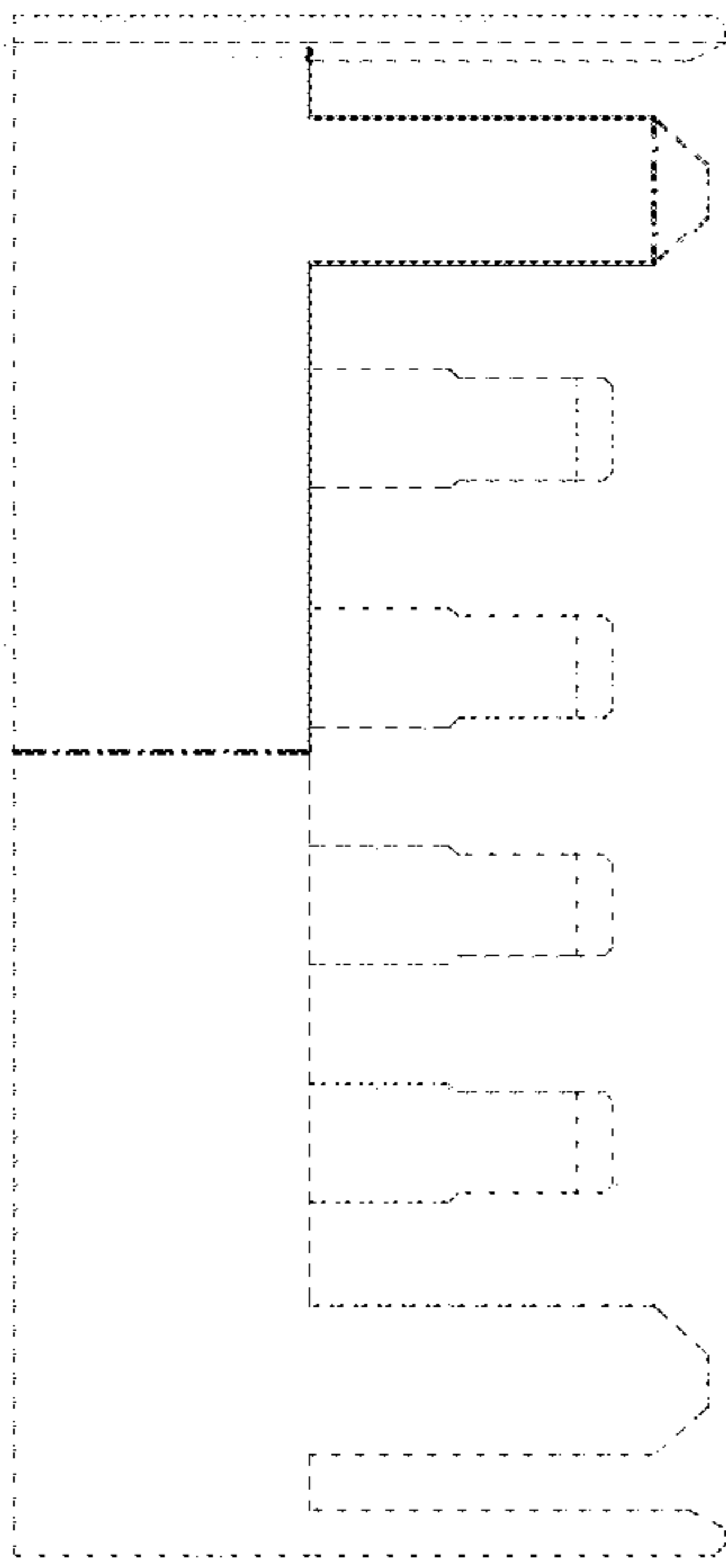


Fig.9

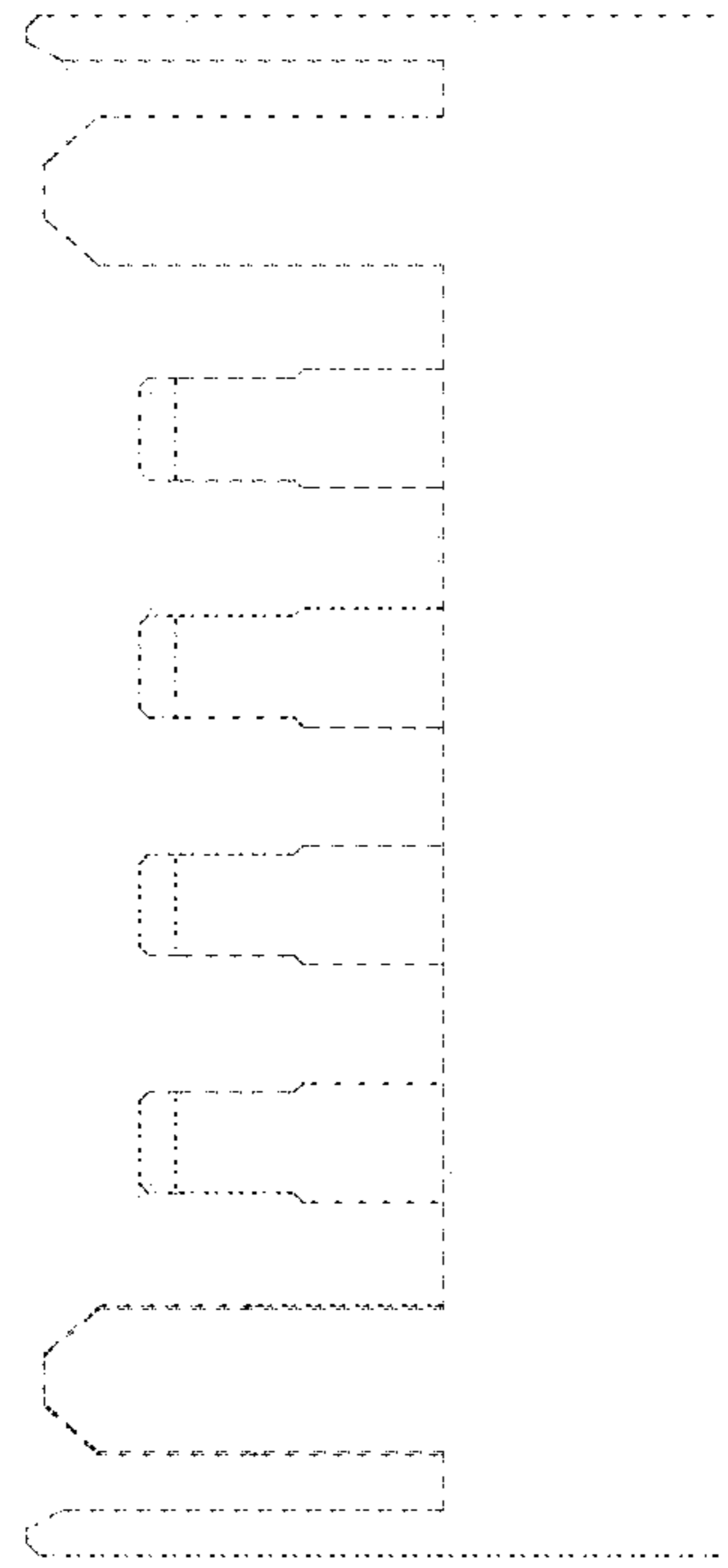


Fig.10



Fig.11

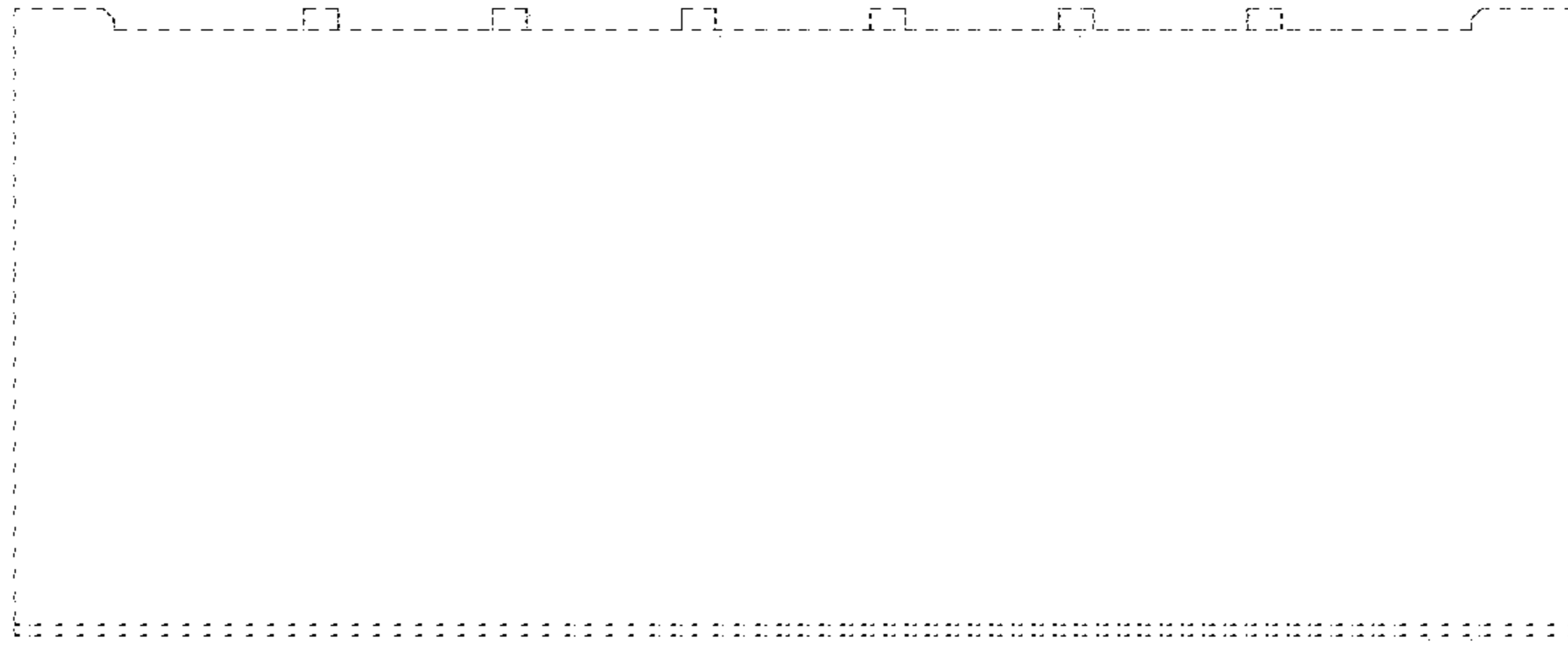


Fig.12

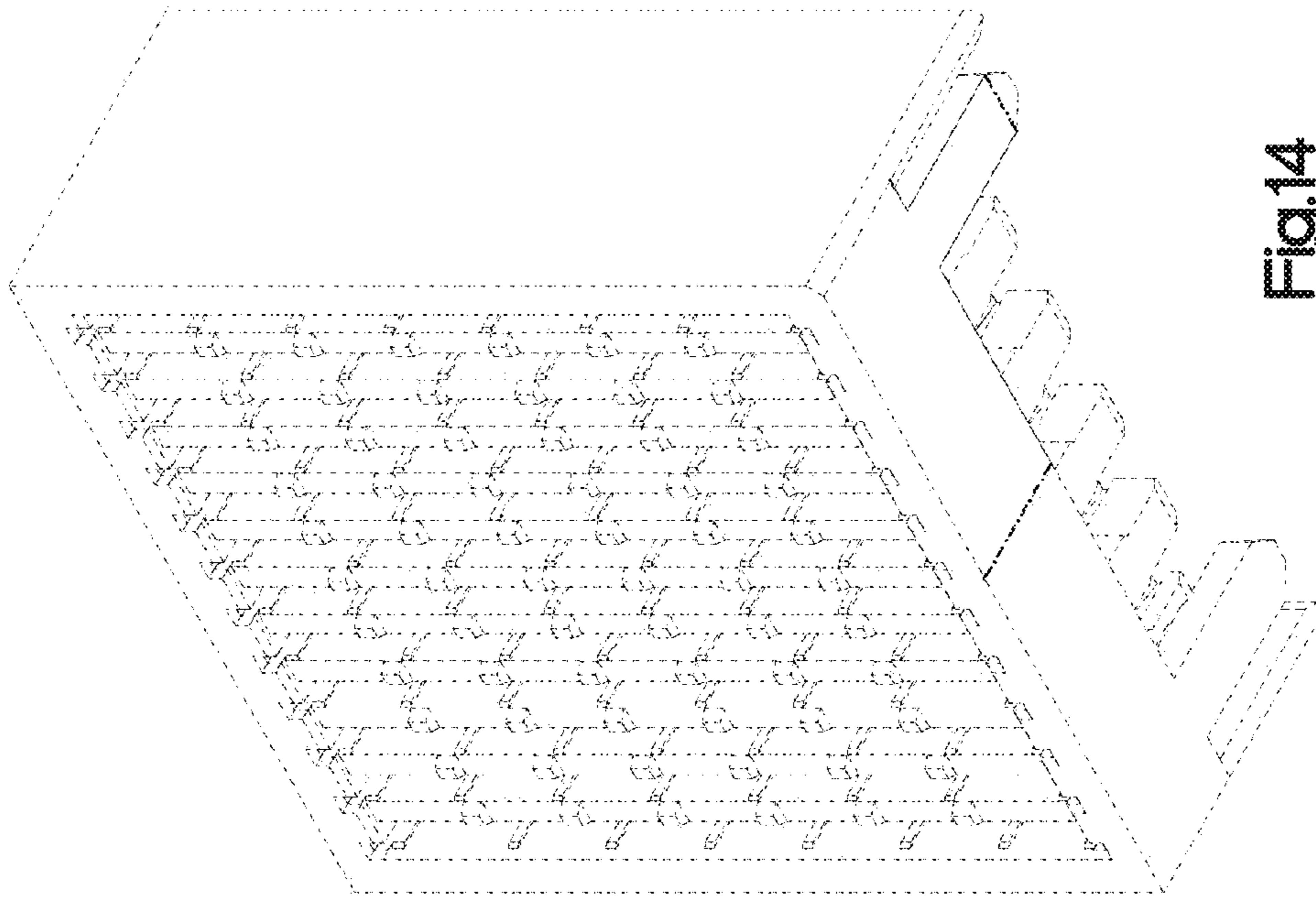


Fig.14

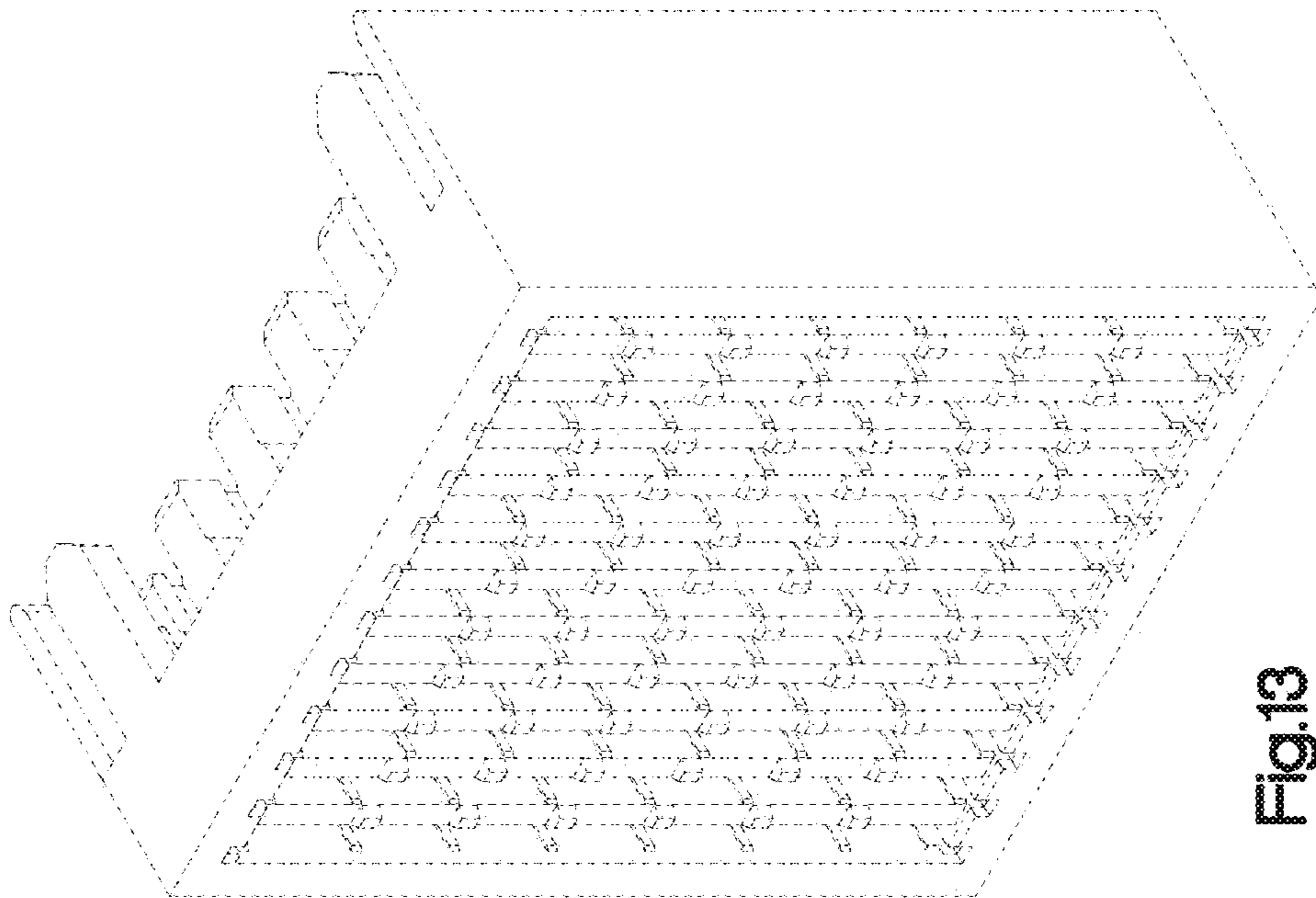


Fig.13



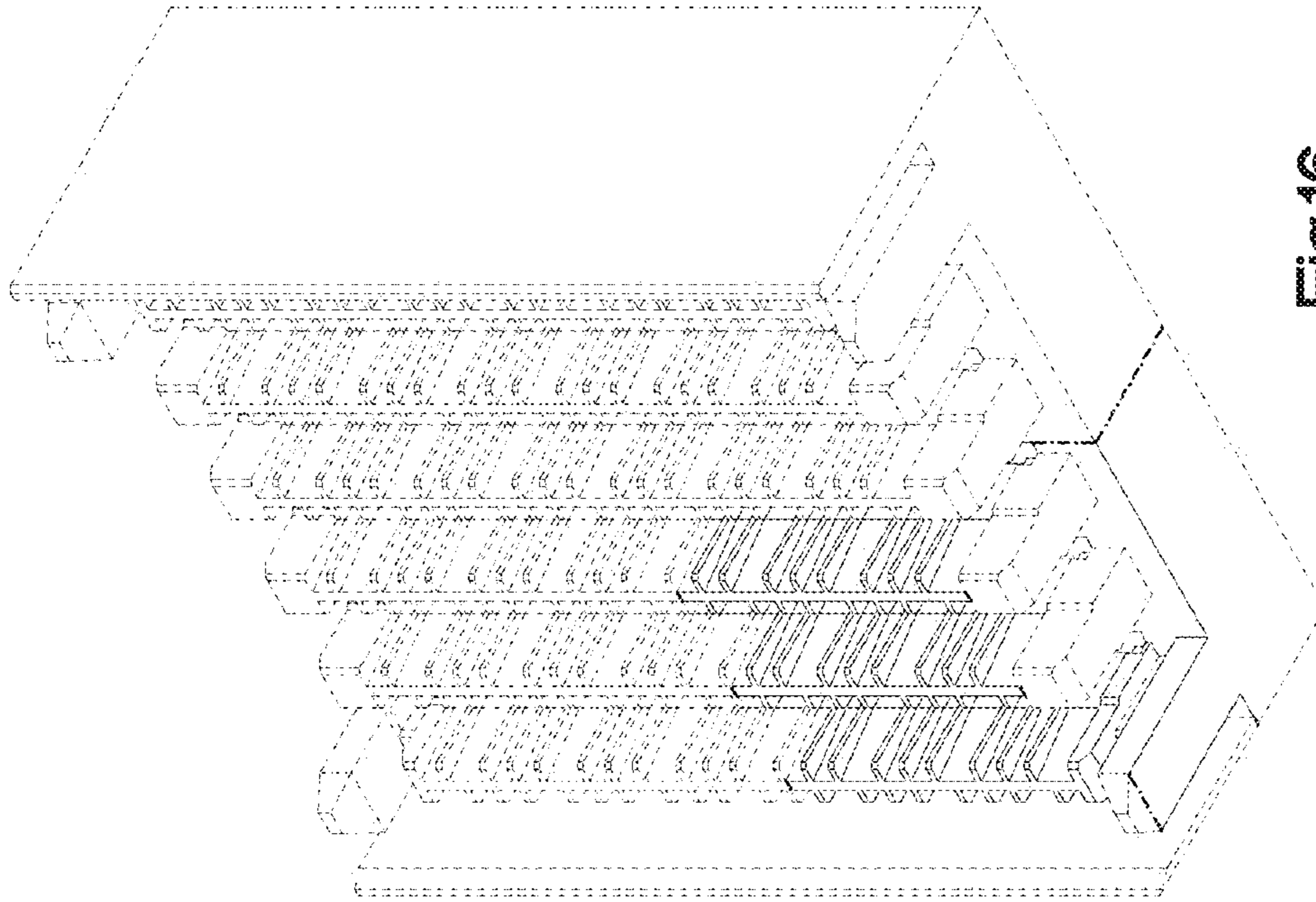


Fig.16

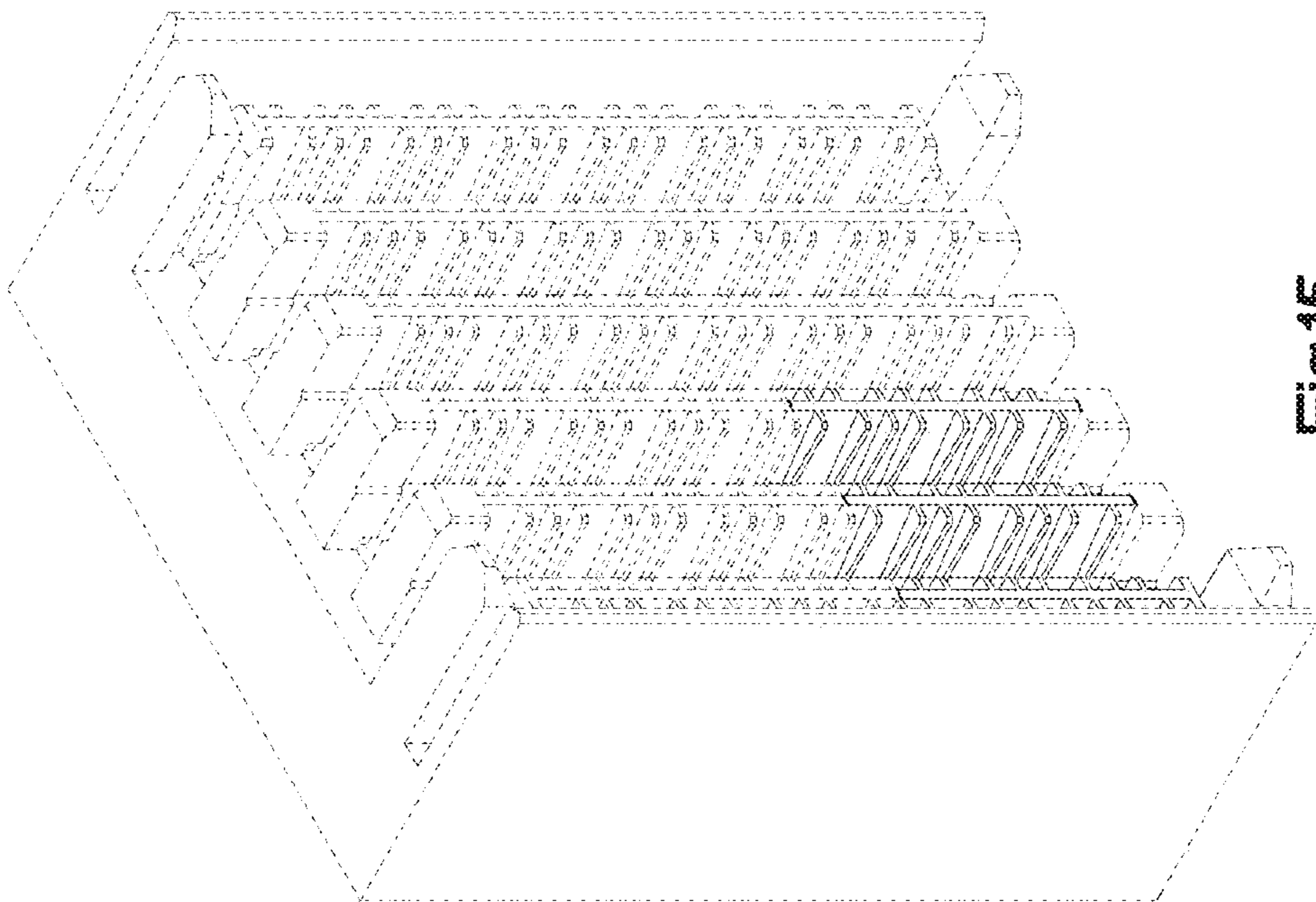


Fig.15

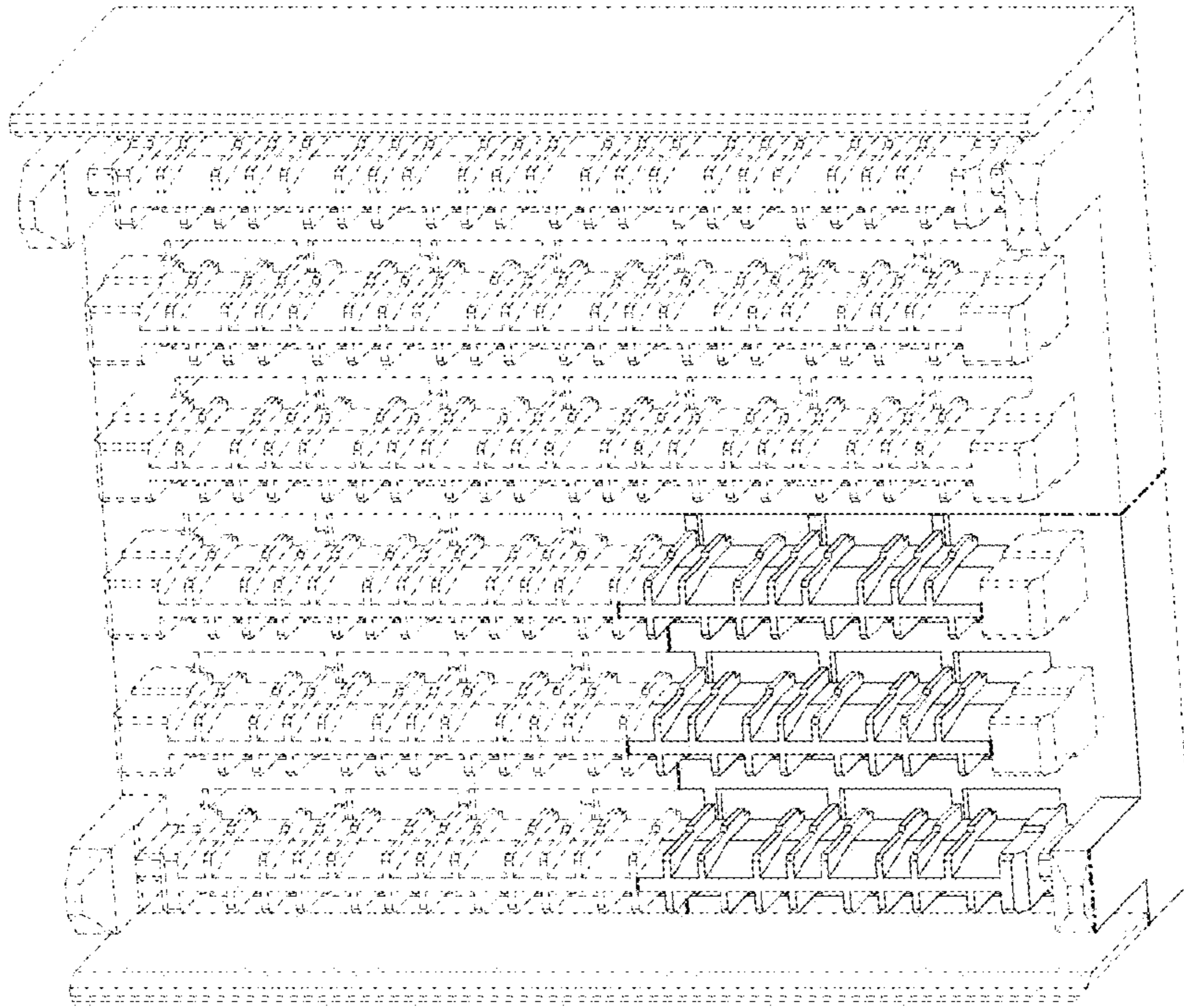


Fig.18

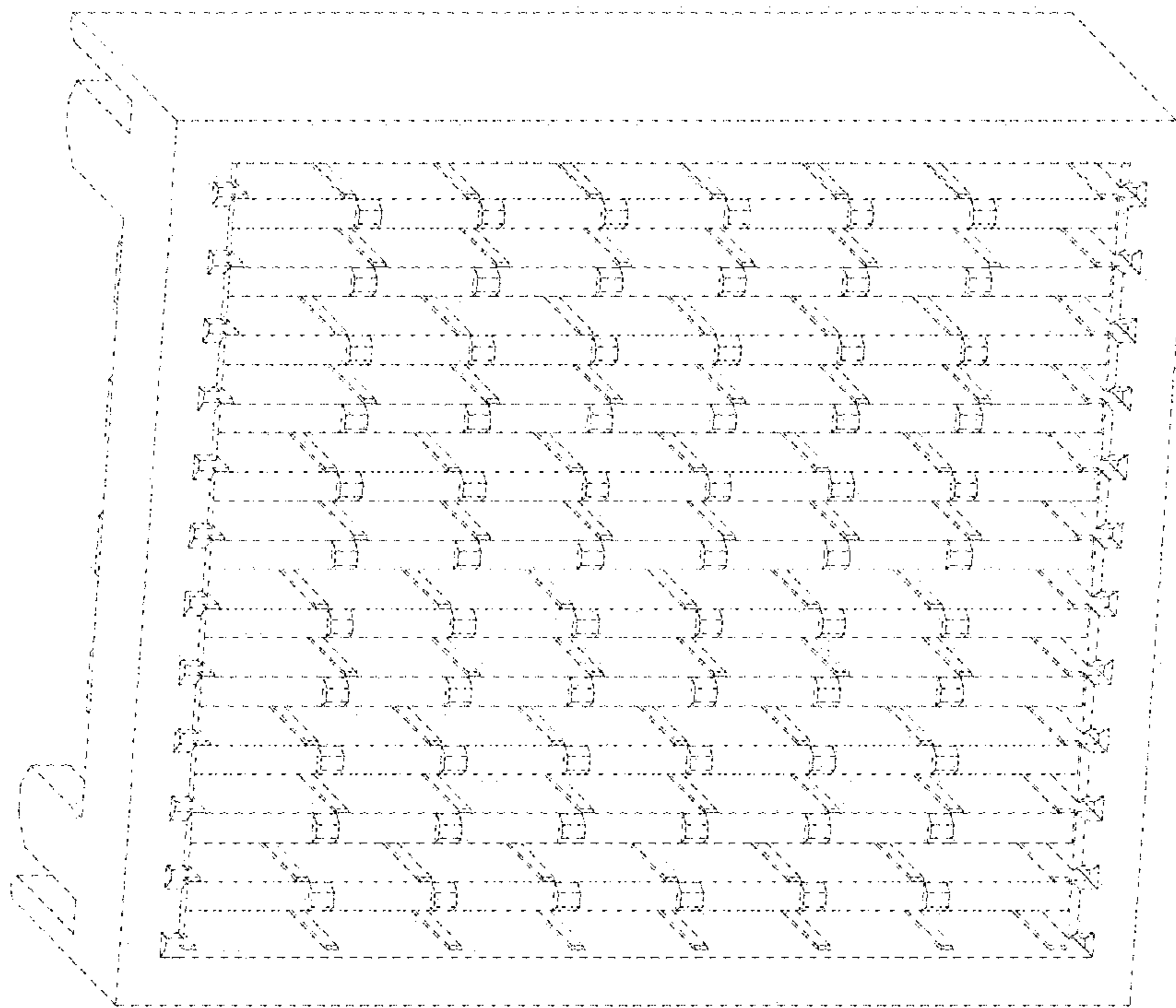


Fig.17

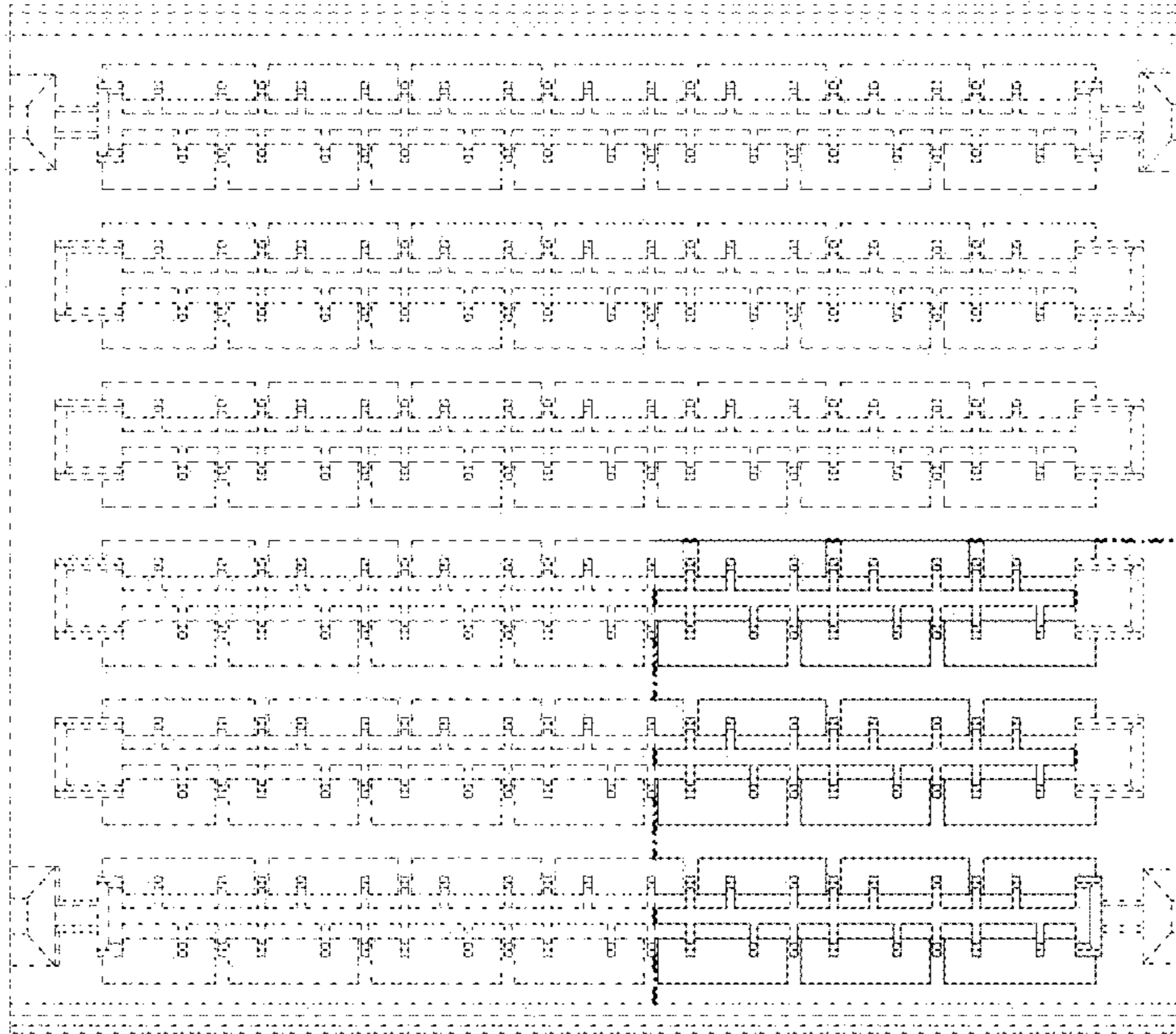


Fig. 20

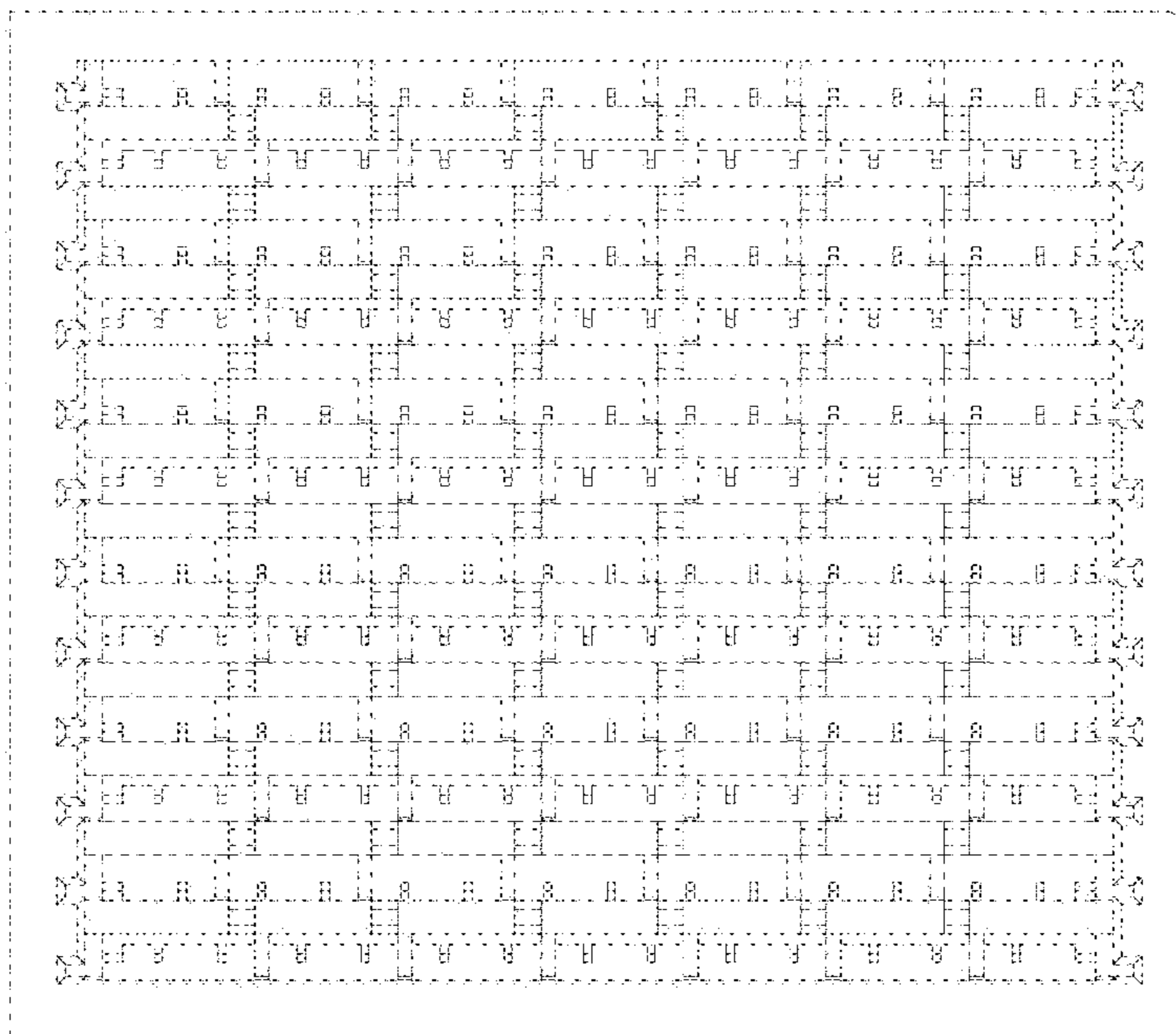


Fig. 19

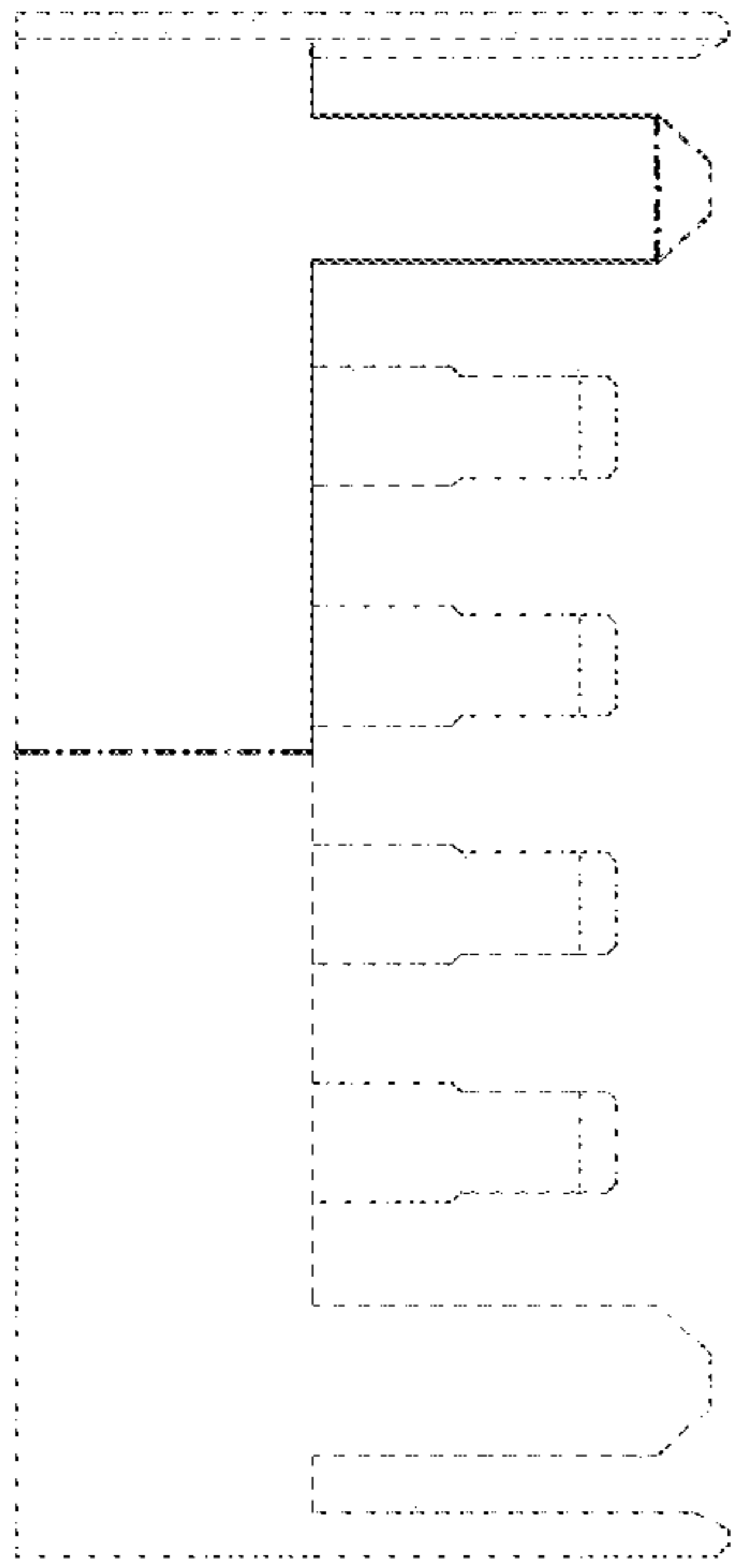


Fig.21

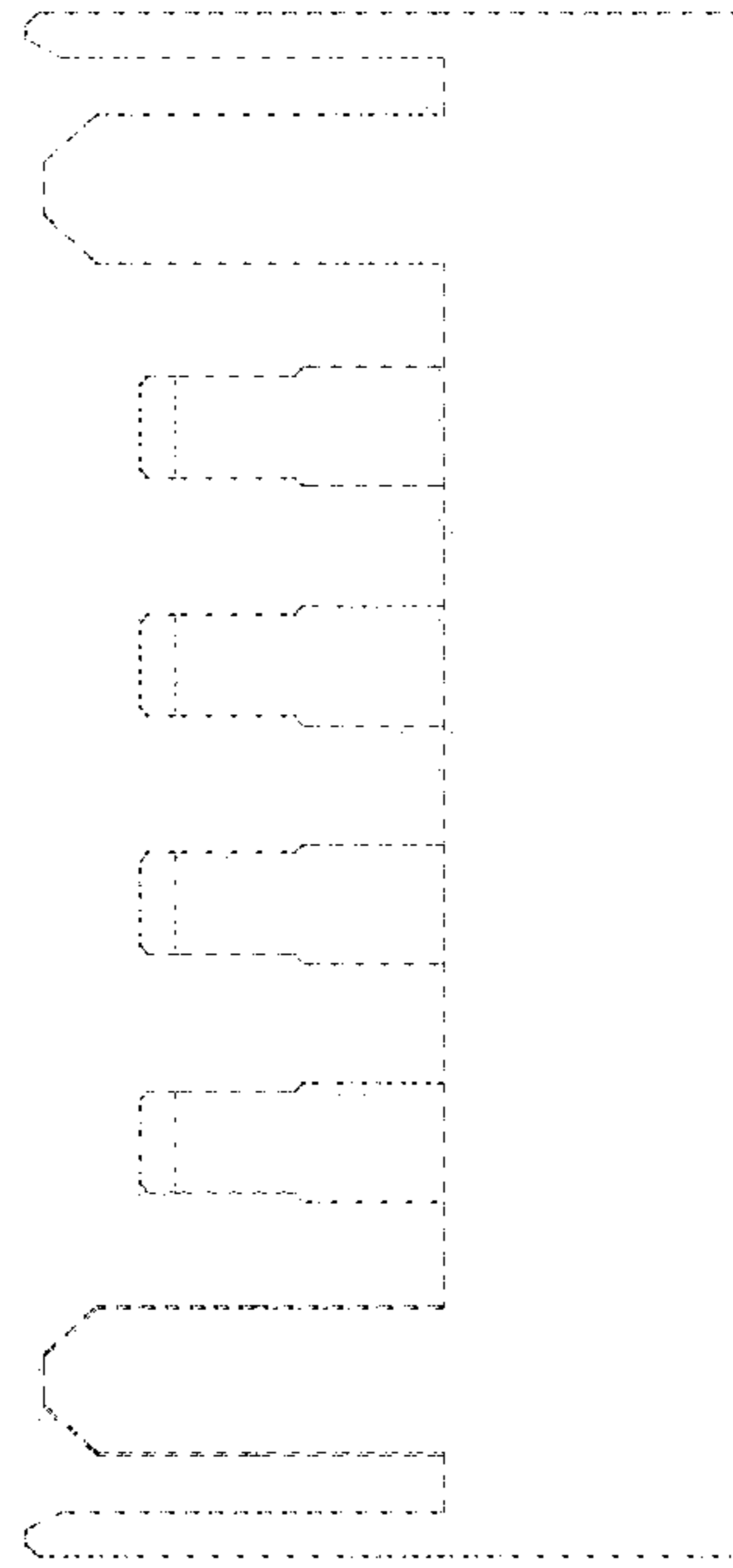


Fig.22



Fig.23



Fig.24