



US00D851044S

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

(10) **Patent No.:** **US D851,044 S**
(45) **Date of Patent:** **** Jun. 11, 2019**

(54) **VERTICAL ELECTRICAL CONNECTOR SYSTEM**

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(**) Term: **15 Years**
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(51) **LOC (11) Cl.** **13-03**
(52) **U.S. Cl.**
USPC **D13/147**
(58) **Field of Classification Search**
USPC D13/133, 146, 147, 154, 184, 199
(Continued)

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Primary Examiner — Daniel D Bui
(74) *Attorney, Agent, or Firm* — BakerHostetler

(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a top, left, front perspective view of a vertical electrical connector system, which consists of a first and a second portions in an assembled condition, showing our new design;
FIG. 2 is a bottom, left, rear perspective view thereof;
FIG. 3 is a top, left, rear perspective view thereof;
FIG. 4 is an enlarged top, left, rear perspective view of a portion thereof, as indicated at region FIG. 4 of FIG. 3;
FIG. 5 is a bottom, right, front perspective view of a vertical electrical connector system thereof;
FIG. 6 is an enlarged bottom, right, front perspective view of a portion thereof, as indicated at region FIG. 6 of FIG. 5;
FIG. 7 is a front elevation view of a vertical electrical connector system thereof;
FIG. 8 is a rear elevation view thereof;
FIG. 9 is a top plan view thereof;
FIG. 10 is a bottom 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, front perspective view of a first portion of a vertical electrical connector system thereof;
FIG. 14 is a bottom, left, rear perspective view thereof;
FIG. 15 is a top, left, rear perspective view thereof;
FIG. 16 is an enlarged top, left, rear perspective view of a portion thereof, as indicated at region FIG. 16 of FIG. 15;
FIG. 17 is a bottom, right, front perspective view of a first portion of a vertical electrical connector system thereof;
FIG. 18 is an enlarged bottom, right, front perspective view of a portion thereof, as indicated at region FIG. 18 of FIG. 17;
FIG. 19 is a rear elevation view of a first portion of a vertical electrical connector system thereof;
FIG. 20 is a front elevation view thereof;
FIG. 21 is a top plan view thereof;
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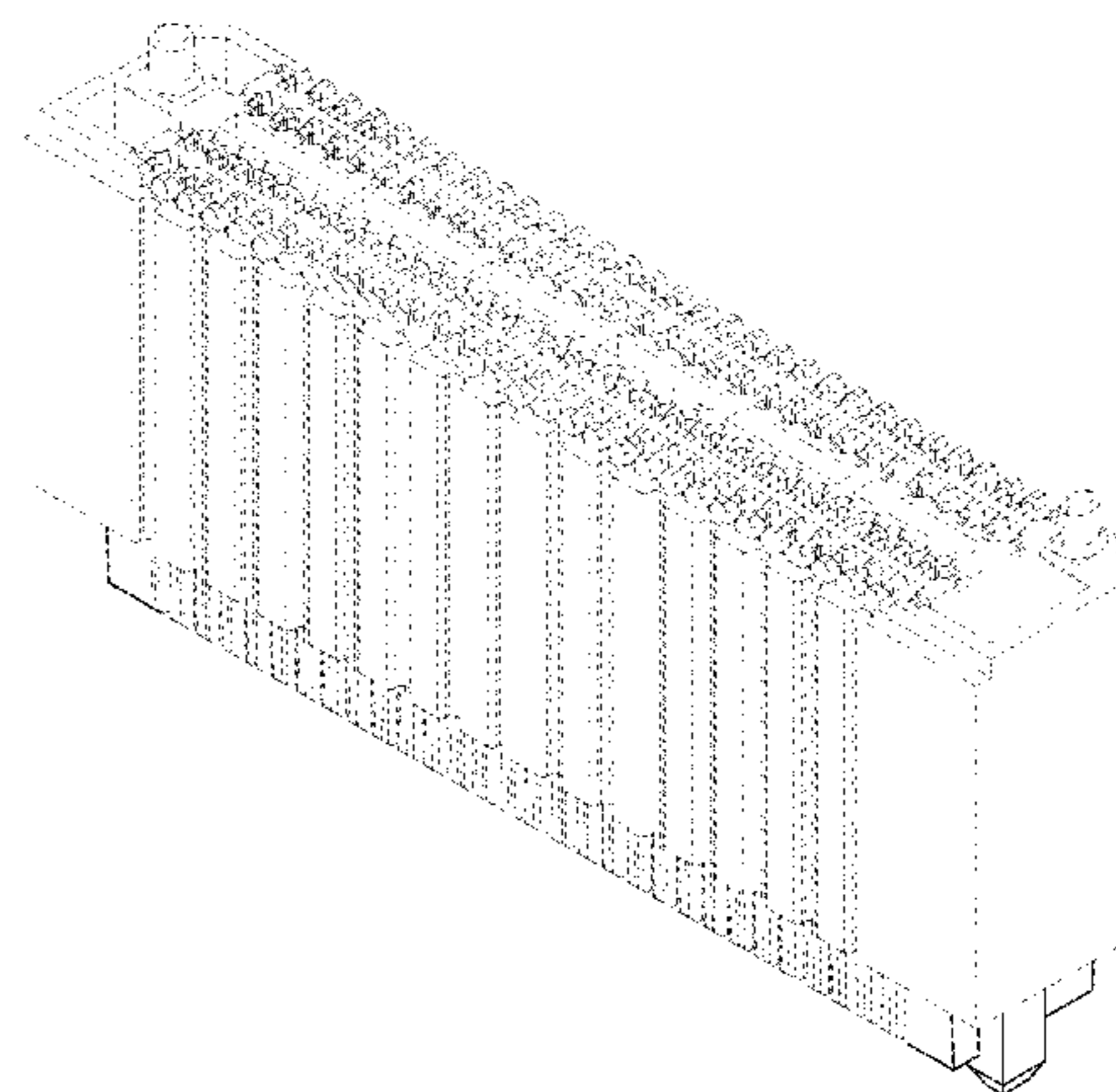
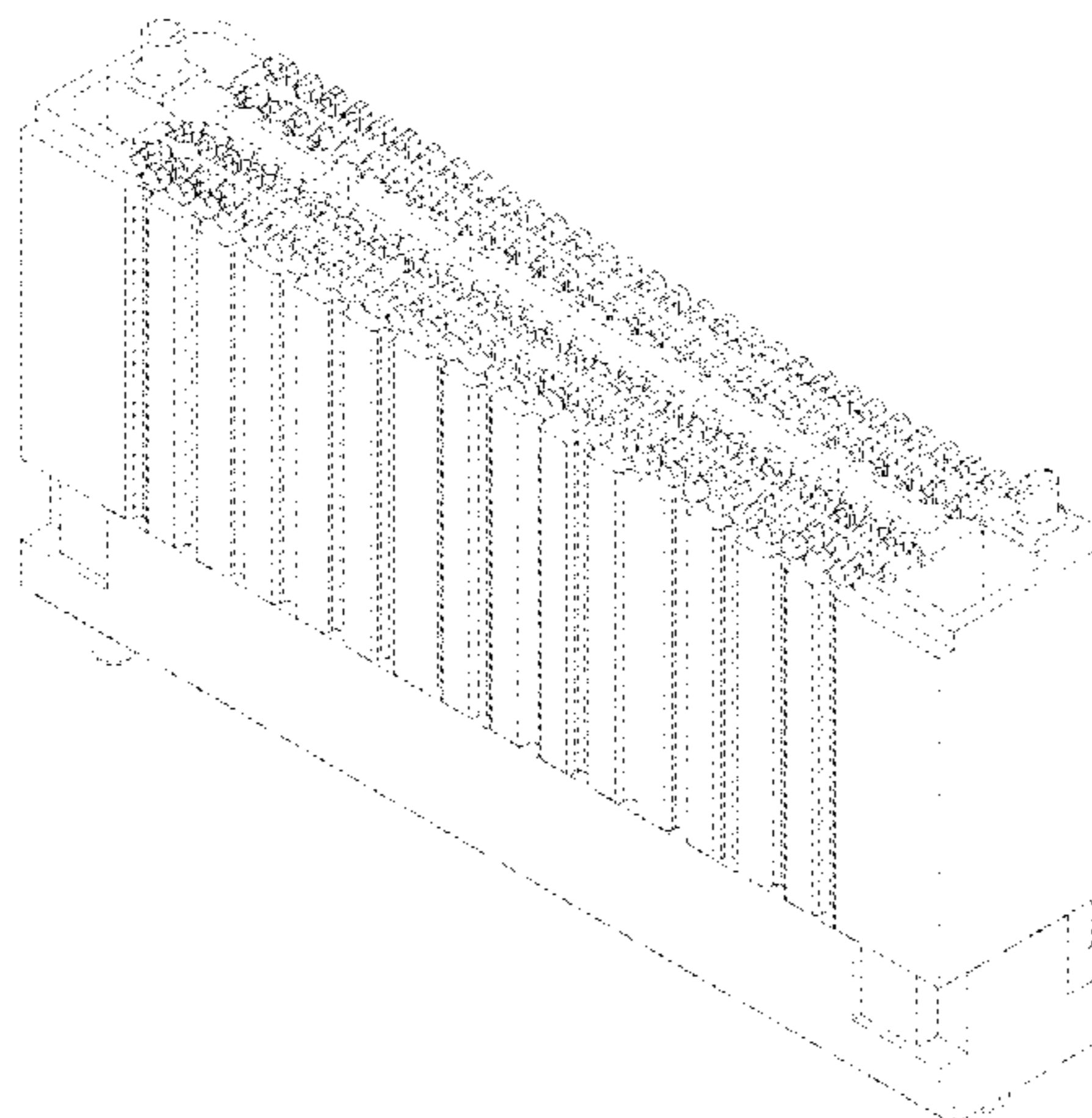


FIG. 22 is a bottom plan view thereof;
 FIG. 23 is a left side elevation view thereof;
 FIG. 24 is right side elevation view thereof;
 FIG. 25 is a top, left, front perspective view of a second portion of a vertical electrical connector system thereof;
 FIG. 26 is an enlarged top, left, front perspective view of a portion thereof, as indicated at region FIG. 26 of FIG. 25;
 FIG. 27 is a bottom, right, front perspective view of a second portion thereof;
 FIG. 28 is an enlarged bottom, right, front perspective view of a portion thereof, as indicated at region FIG. 28 of FIG. 27;
 FIG. 29 is a top, left, rear perspective view of a second portion thereof;
 FIG. 30 is an enlarged top, left, rear perspective view of a portion thereof, as indicated at region FIG. 30 of FIG. 29;
 FIG. 31 is a bottom, right, front perspective view of a second portion thereof;
 FIG. 32 is an enlarged bottom, right, front perspective view of a portion thereof, as indicated at the region FIG. 32 of FIG. 31;
 FIG. 33 is a rear elevation view of a second portion thereof;
 FIG. 34 is a front elevation view thereof;
 FIG. 35 is a top plan view thereof;
 FIG. 36 is a bottom plan view thereof;
 FIG. 37 is a left side elevation view thereof; and,
 FIG. 38 is a right 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.
 The dash-dot line represents the boundary of the claimed design.

1 Claim, 18 Drawing Sheets

(58) **Field of Classification Search**

CPC H01R 12/7052; H01R 12/7076;
 H01R 12/73; H01R 13/20; H01R
 13/6271; H01R 13/6272; H01R 13/629;

H01R 13/631; H01R 13/64; H01R
 13/658; H01R 13/65802; H01R 13/6581;
 H01R 12/57; H01R 12/7005; H01R
 12/7011; H01R 12/716; H01R 12/7029;
 H01R 12/707; H01R 12/721; H01R
 12/737

See application file for complete search history.

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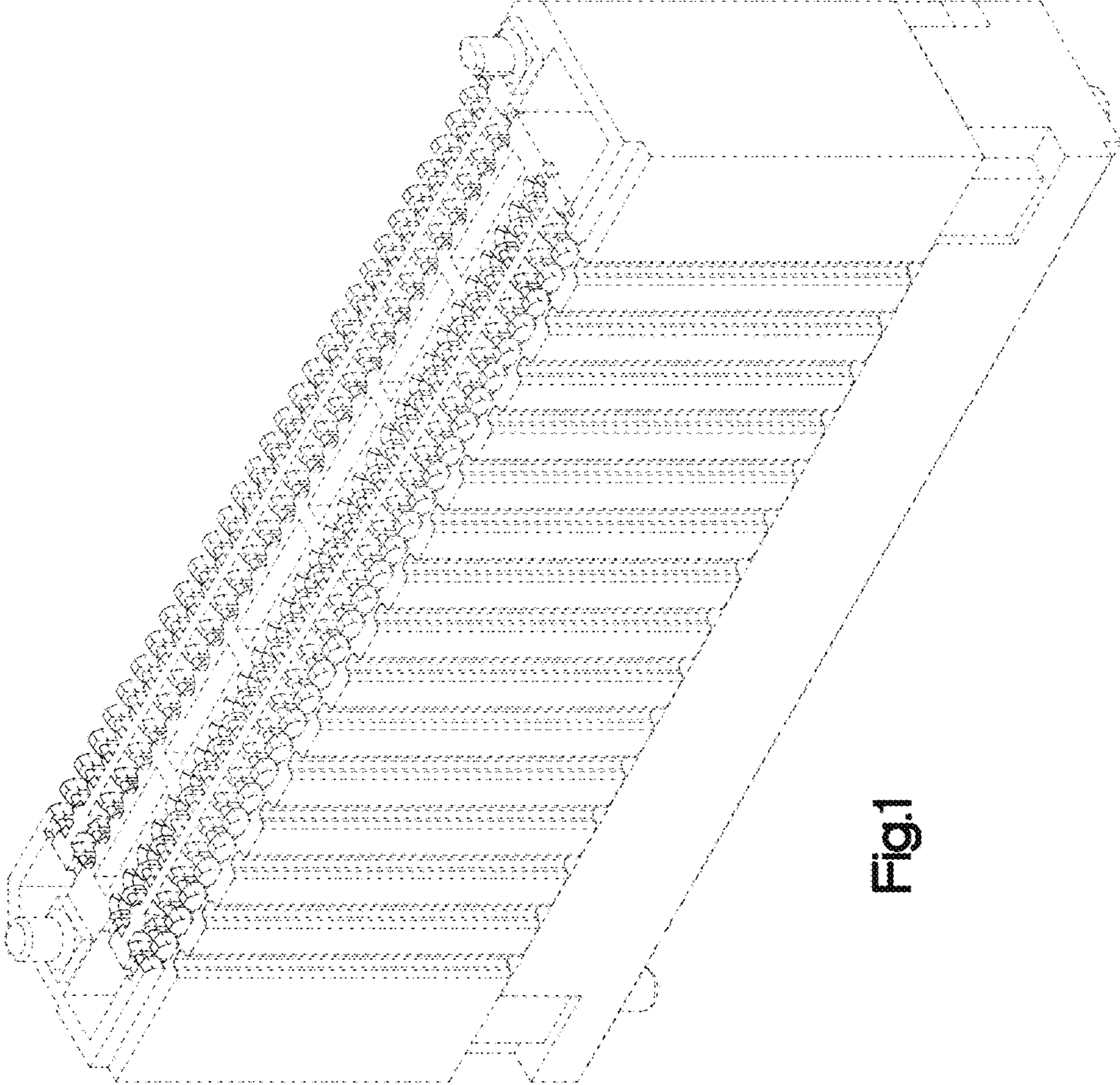


Fig.1

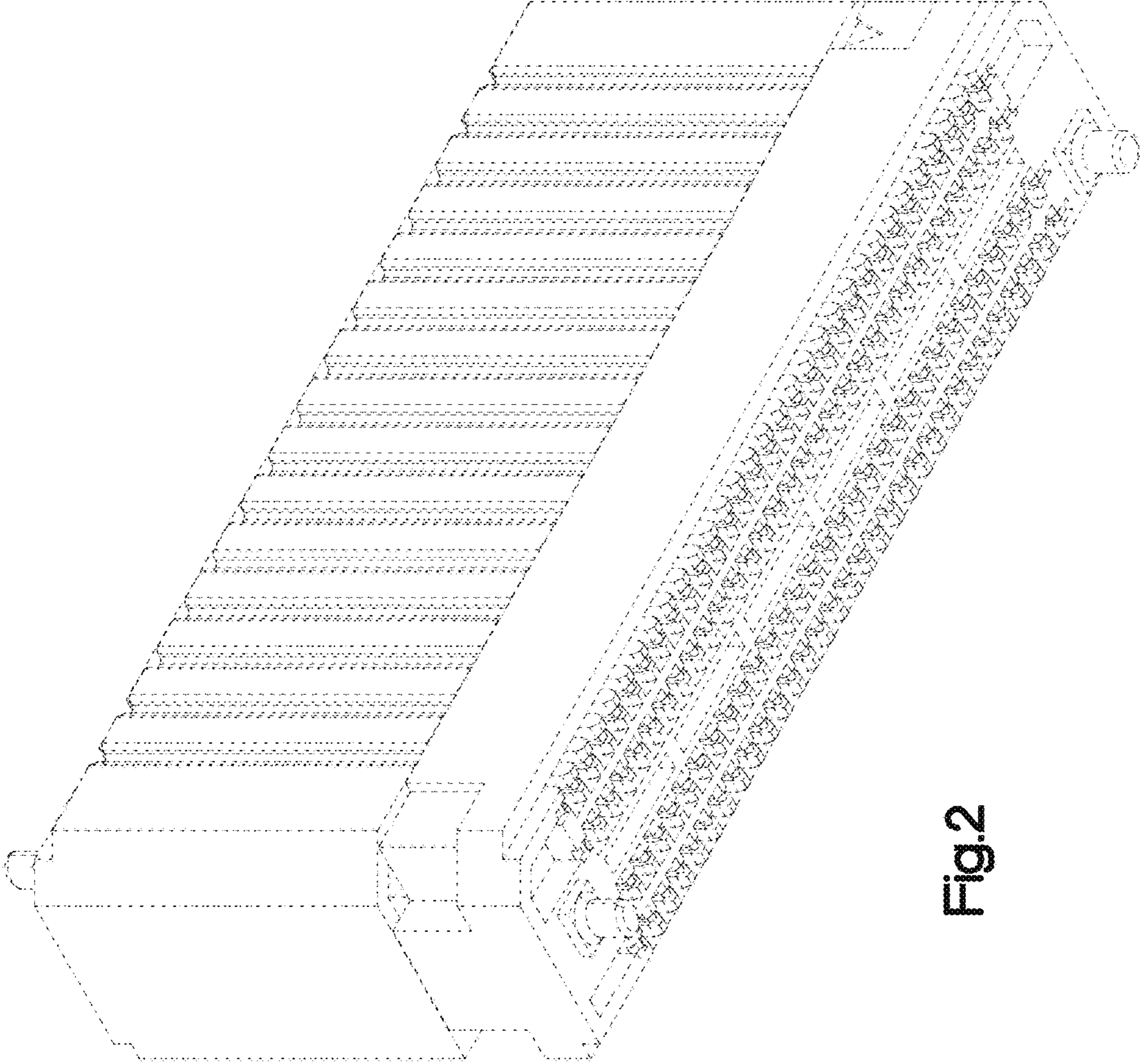
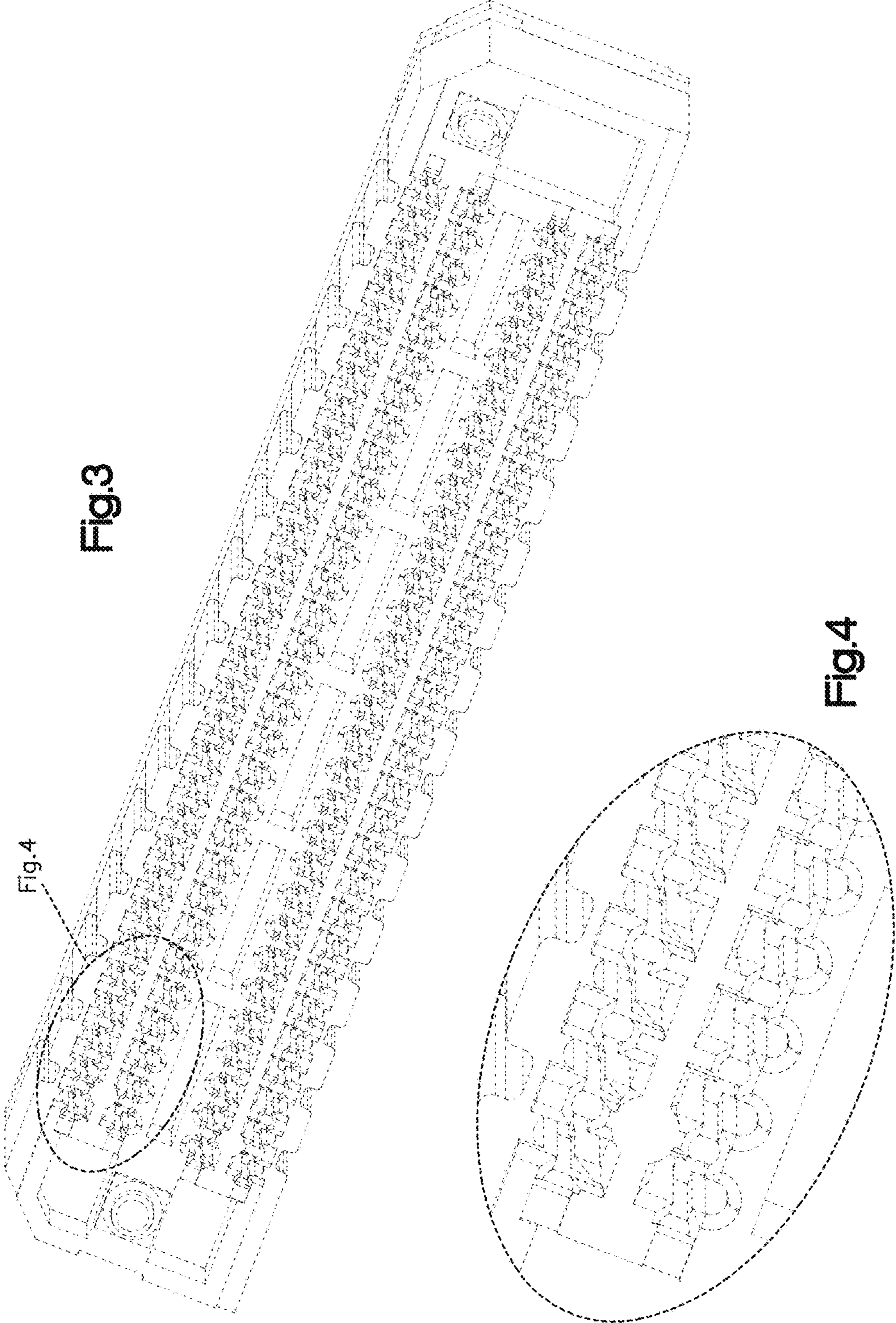


Fig.2



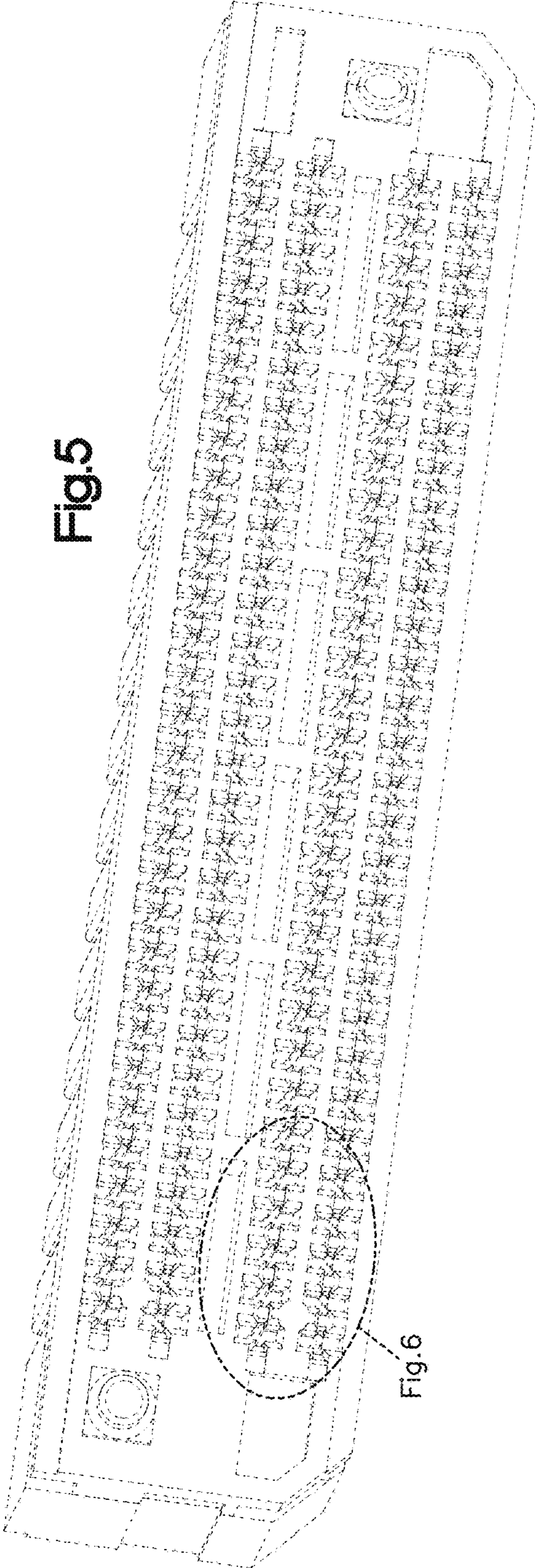


Fig. 5

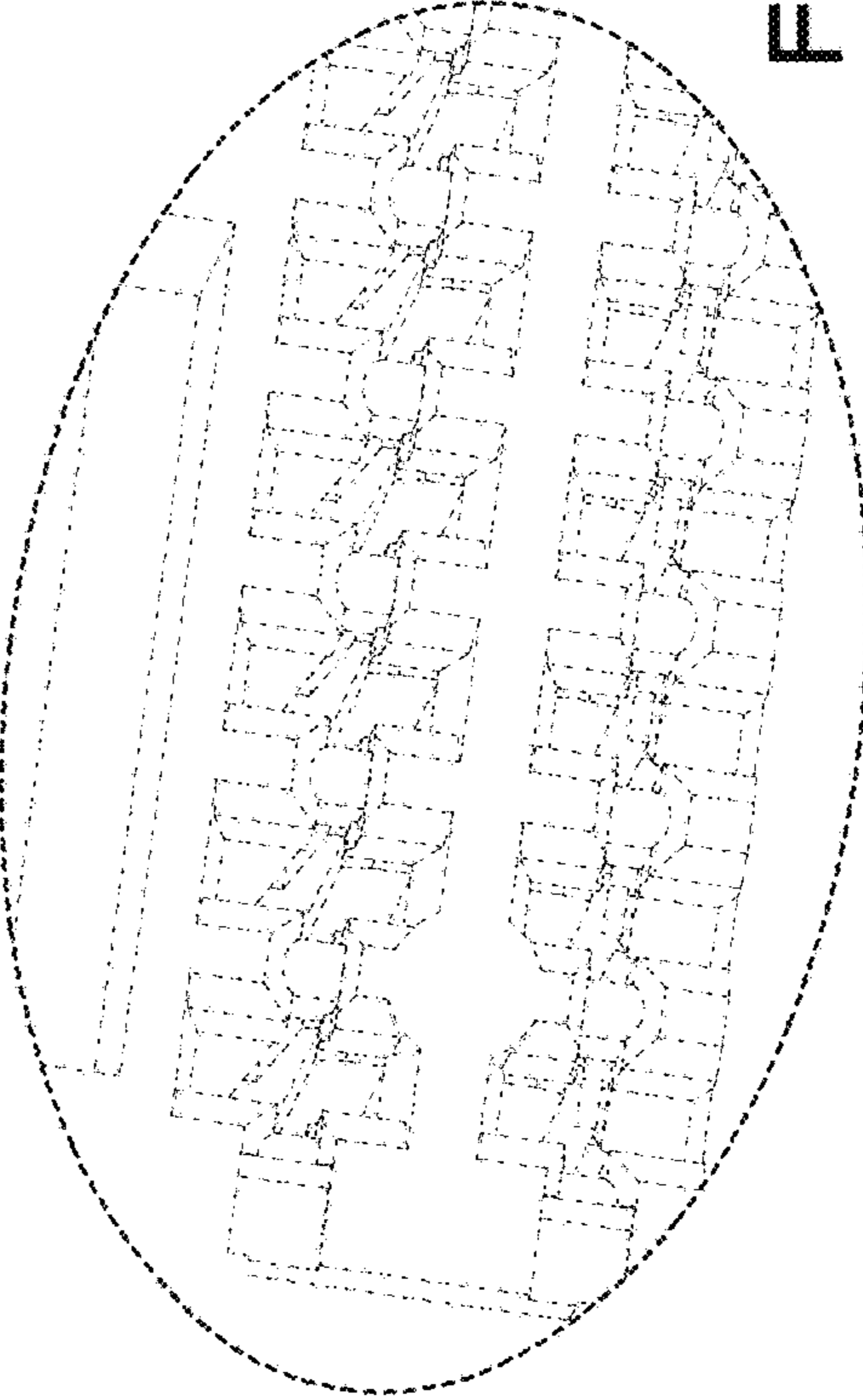


Fig. 6

Fig. 6



Fig.7

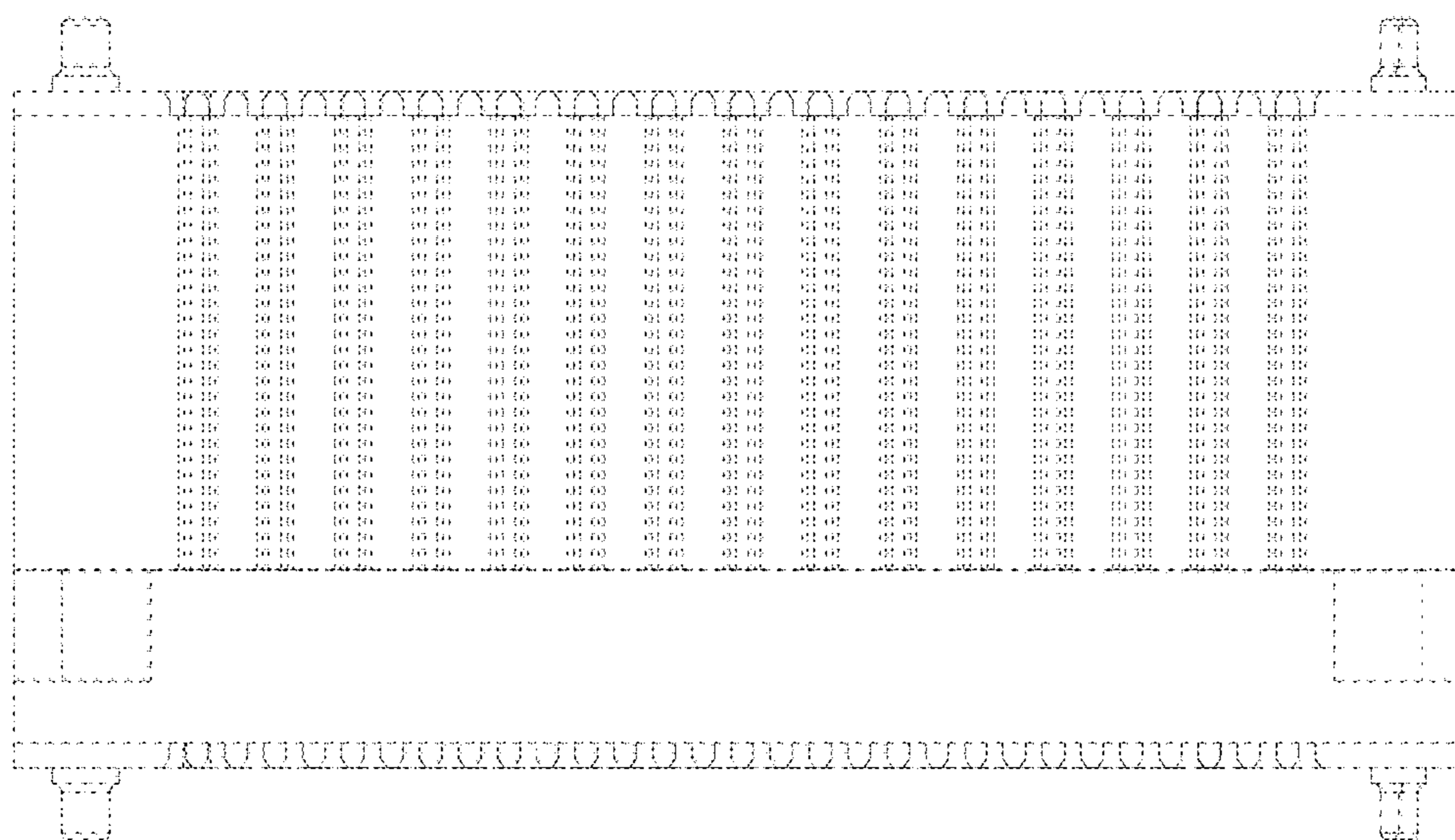


Fig.8

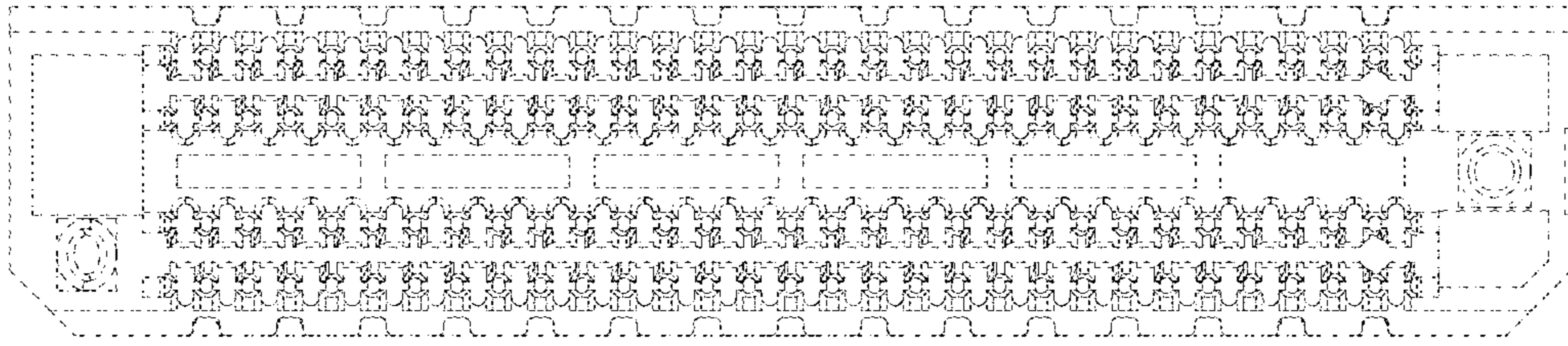


Fig.9

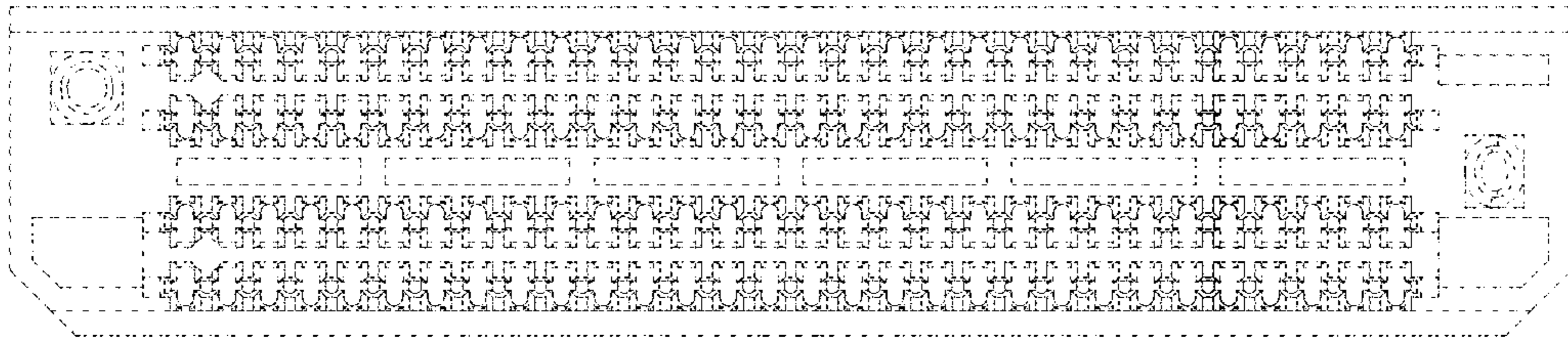


Fig.10

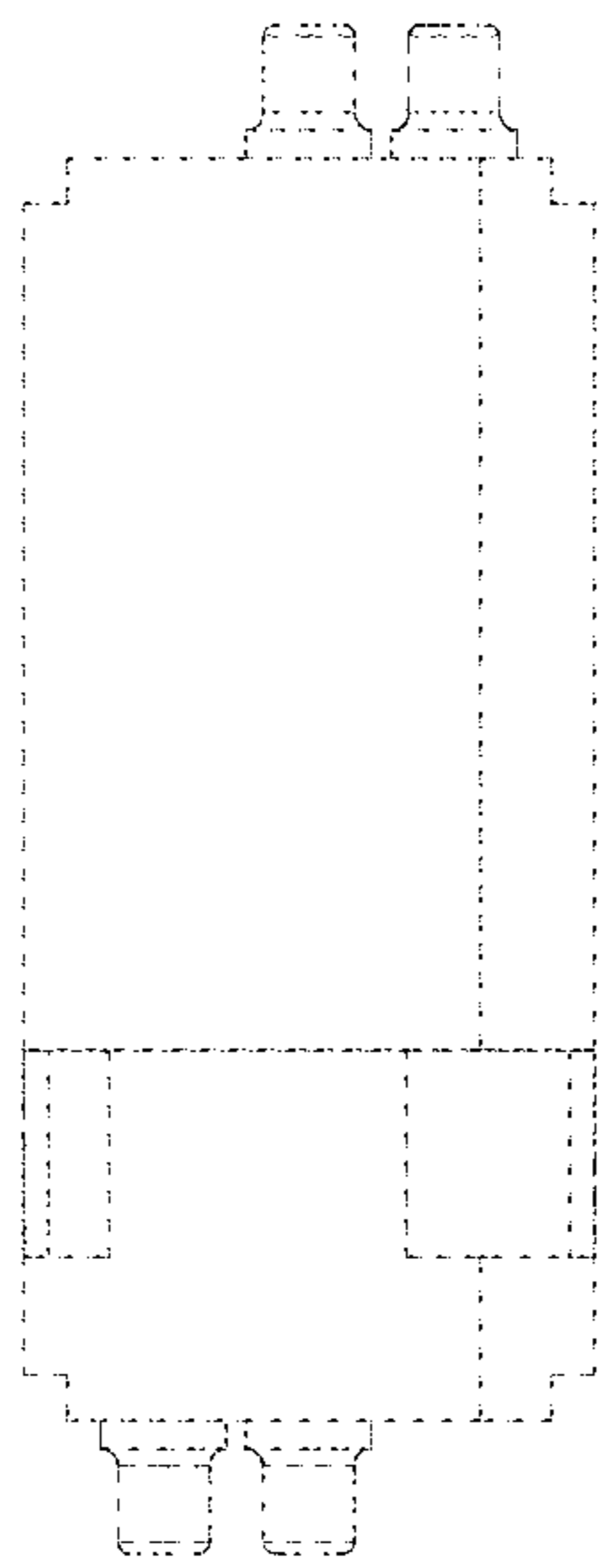


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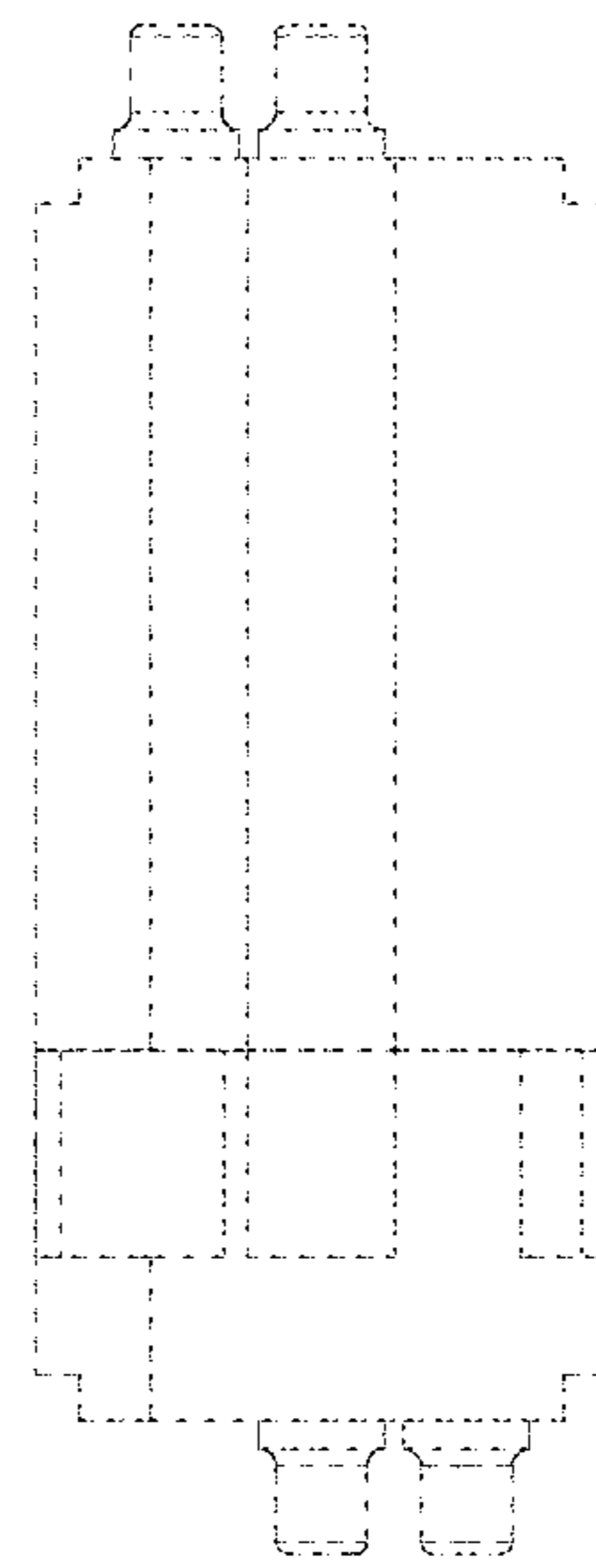


Fig.12

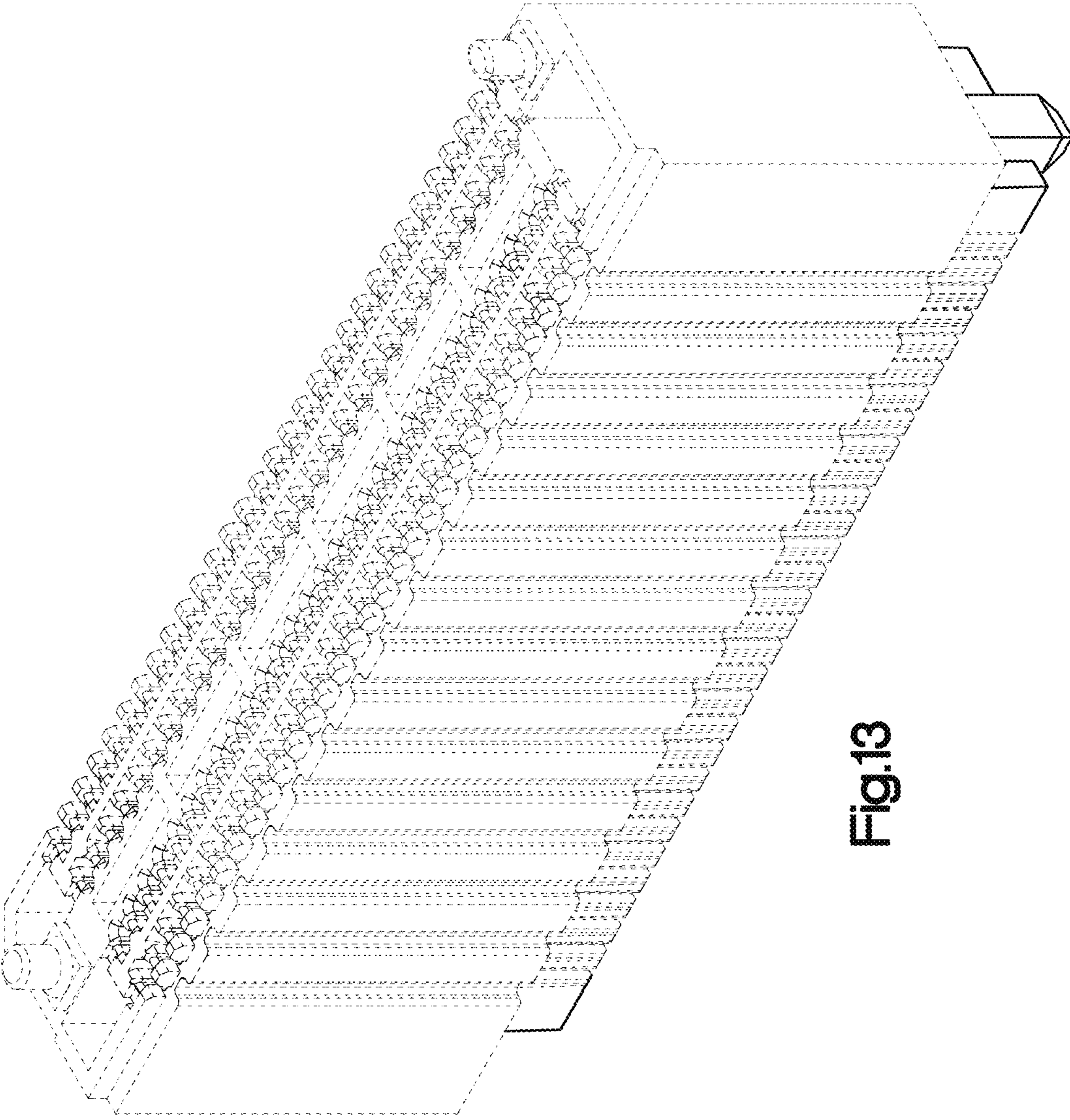


Fig.13

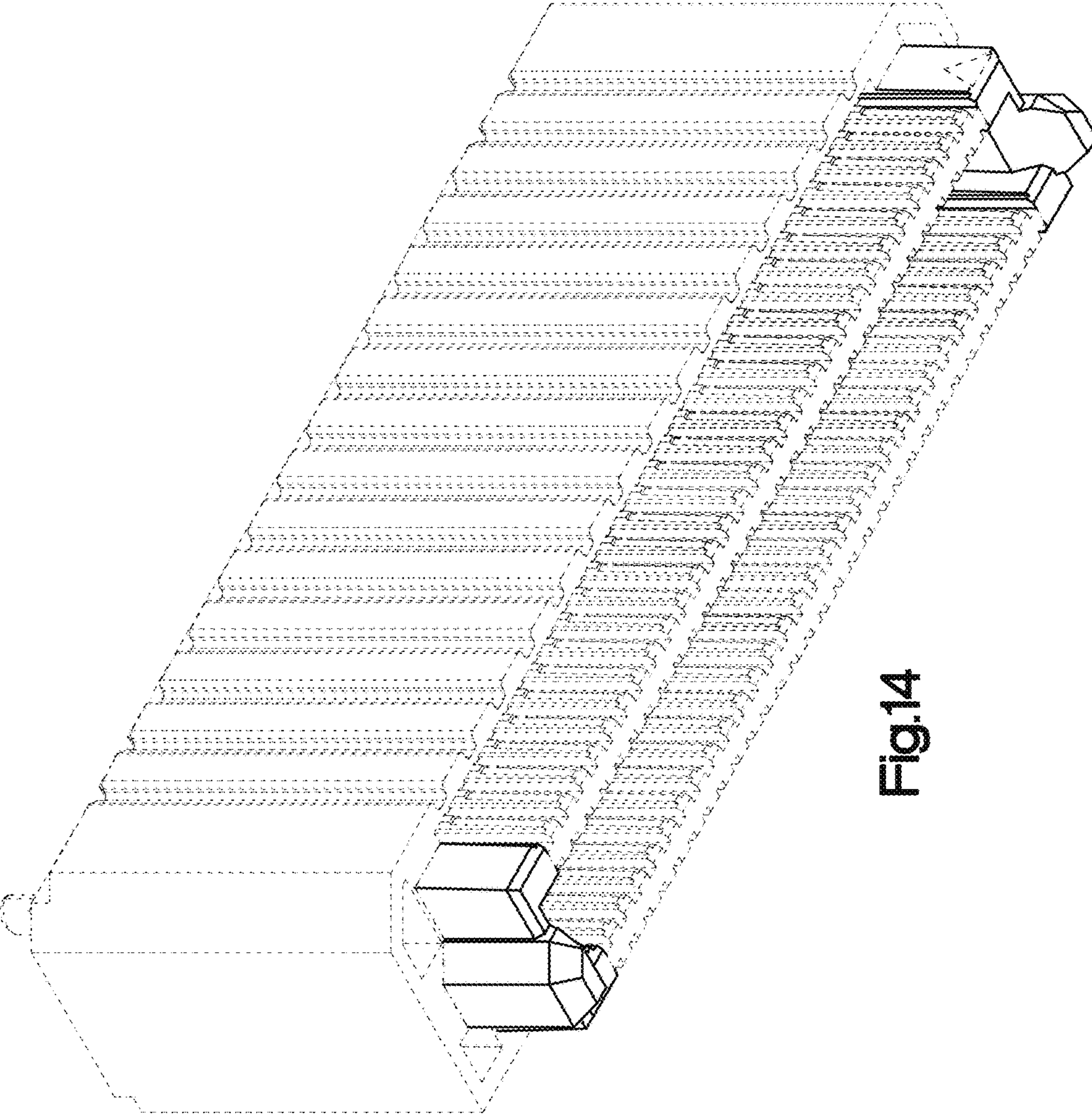


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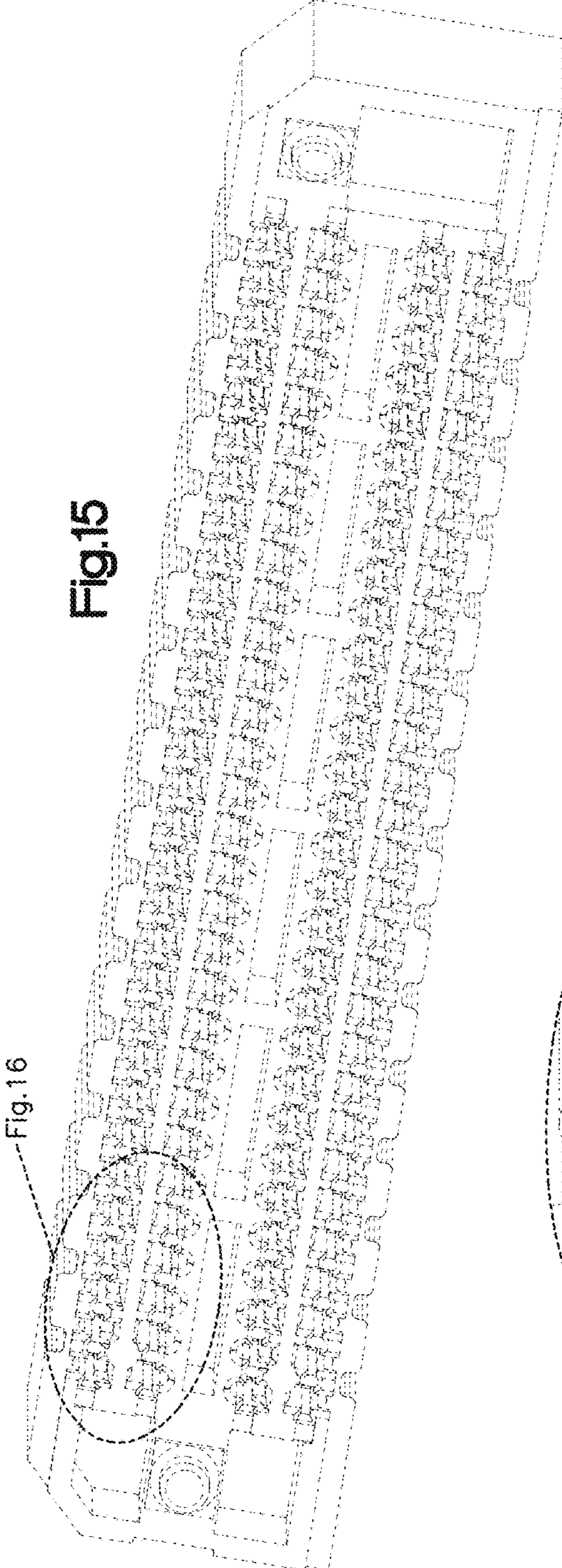


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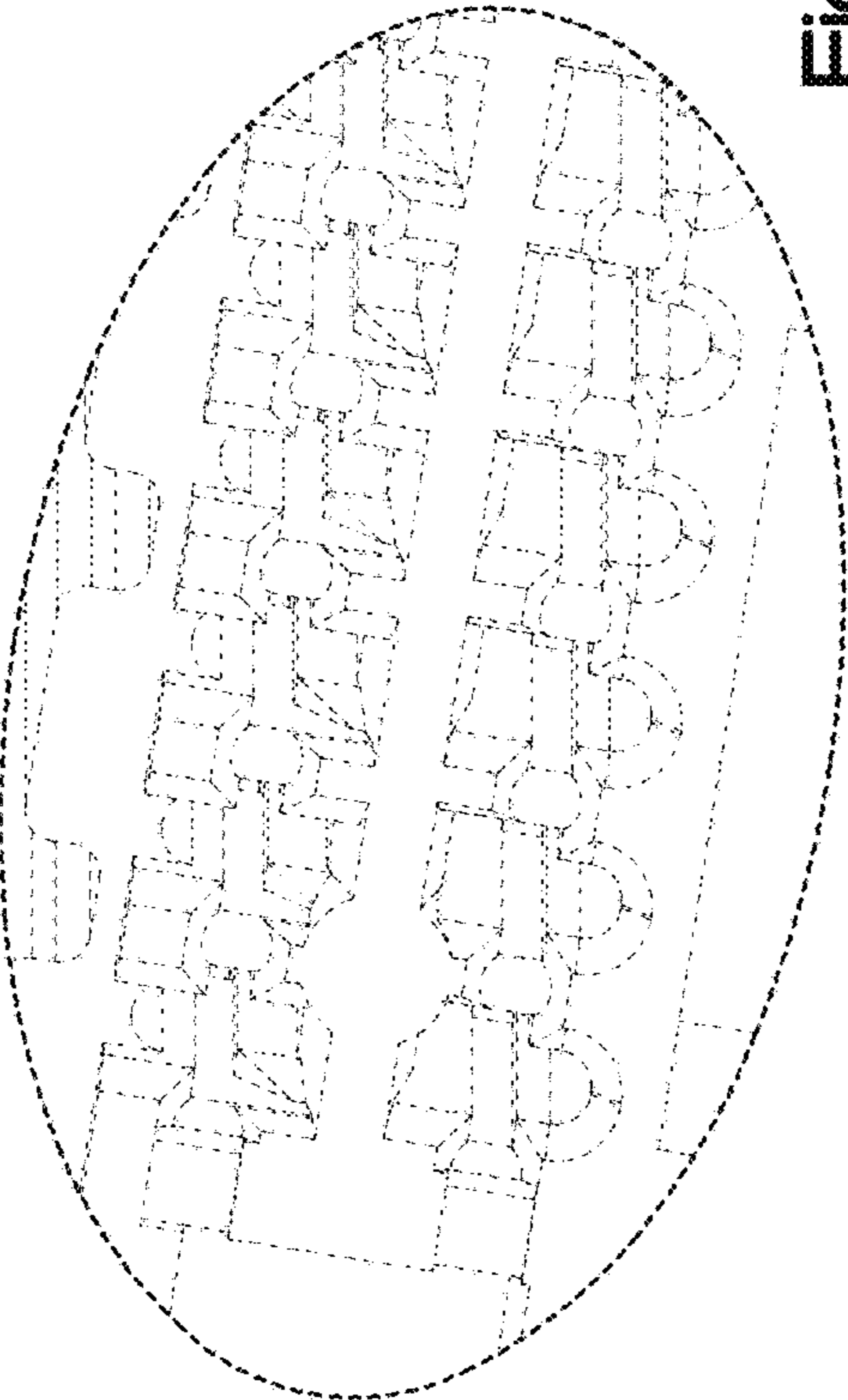


Fig. 16

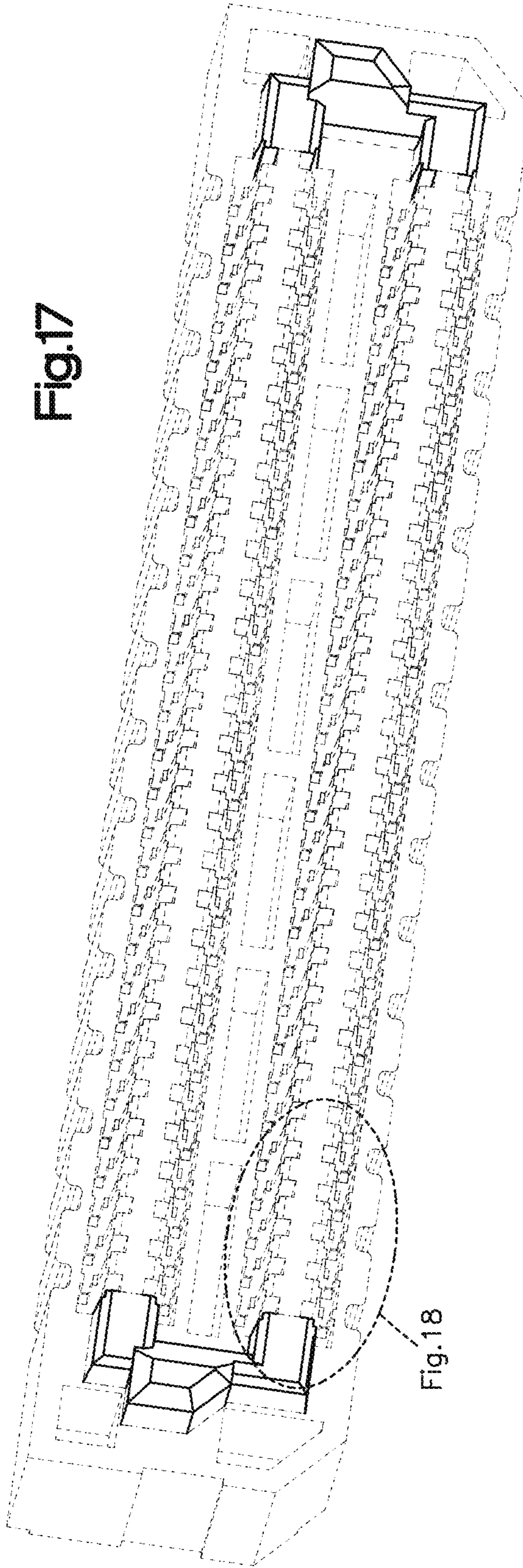


Fig.17

Fig.18

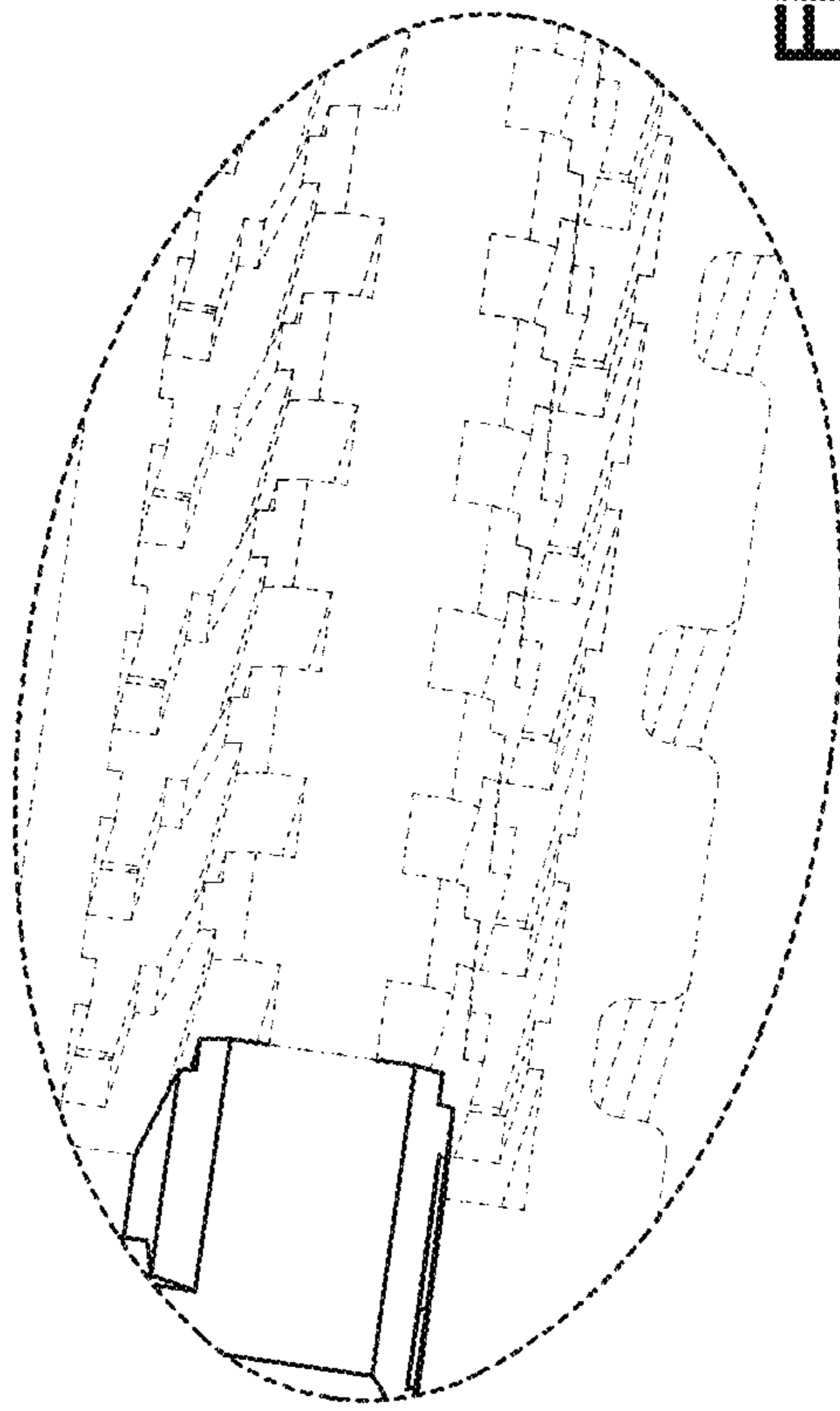


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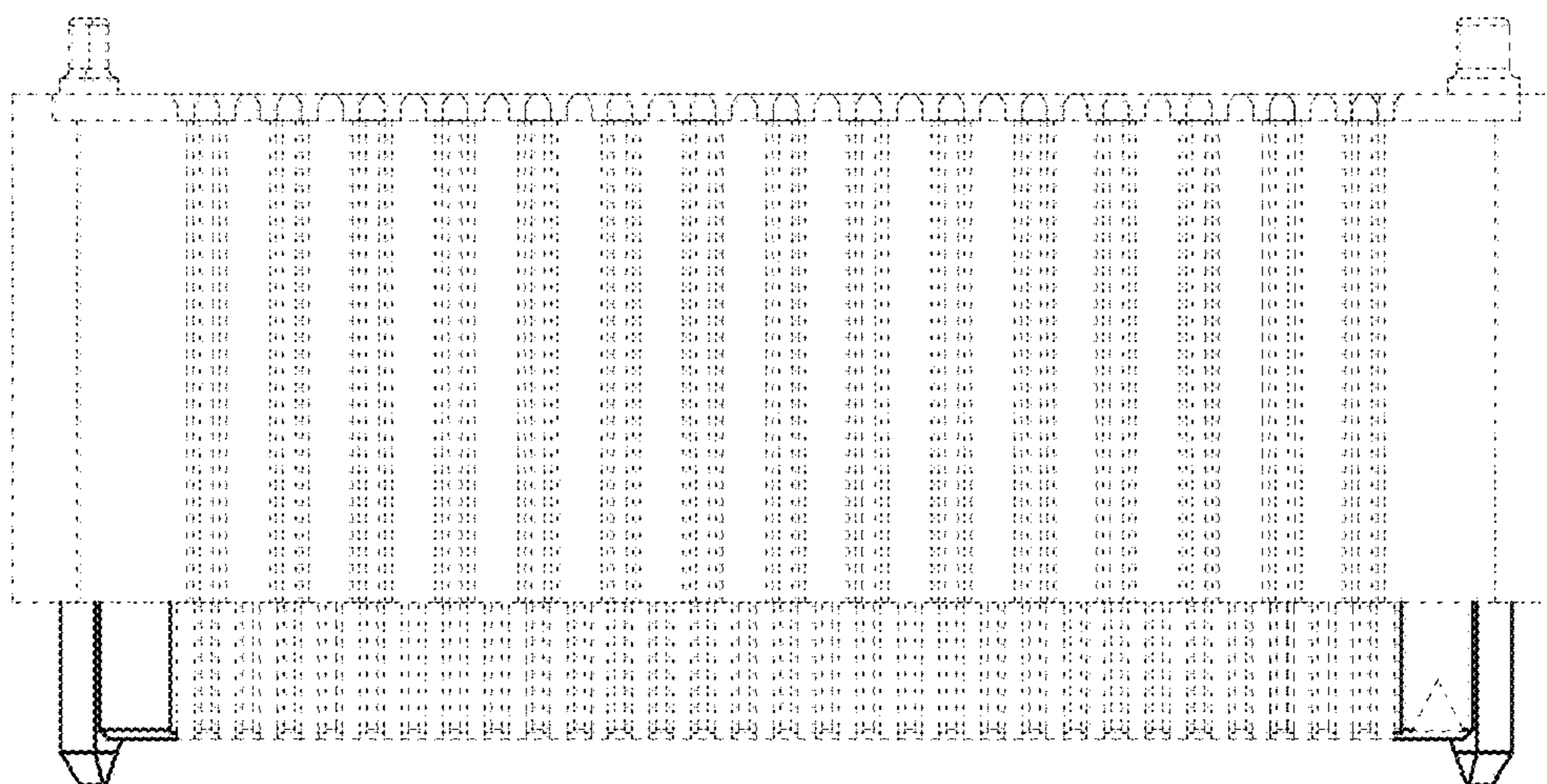


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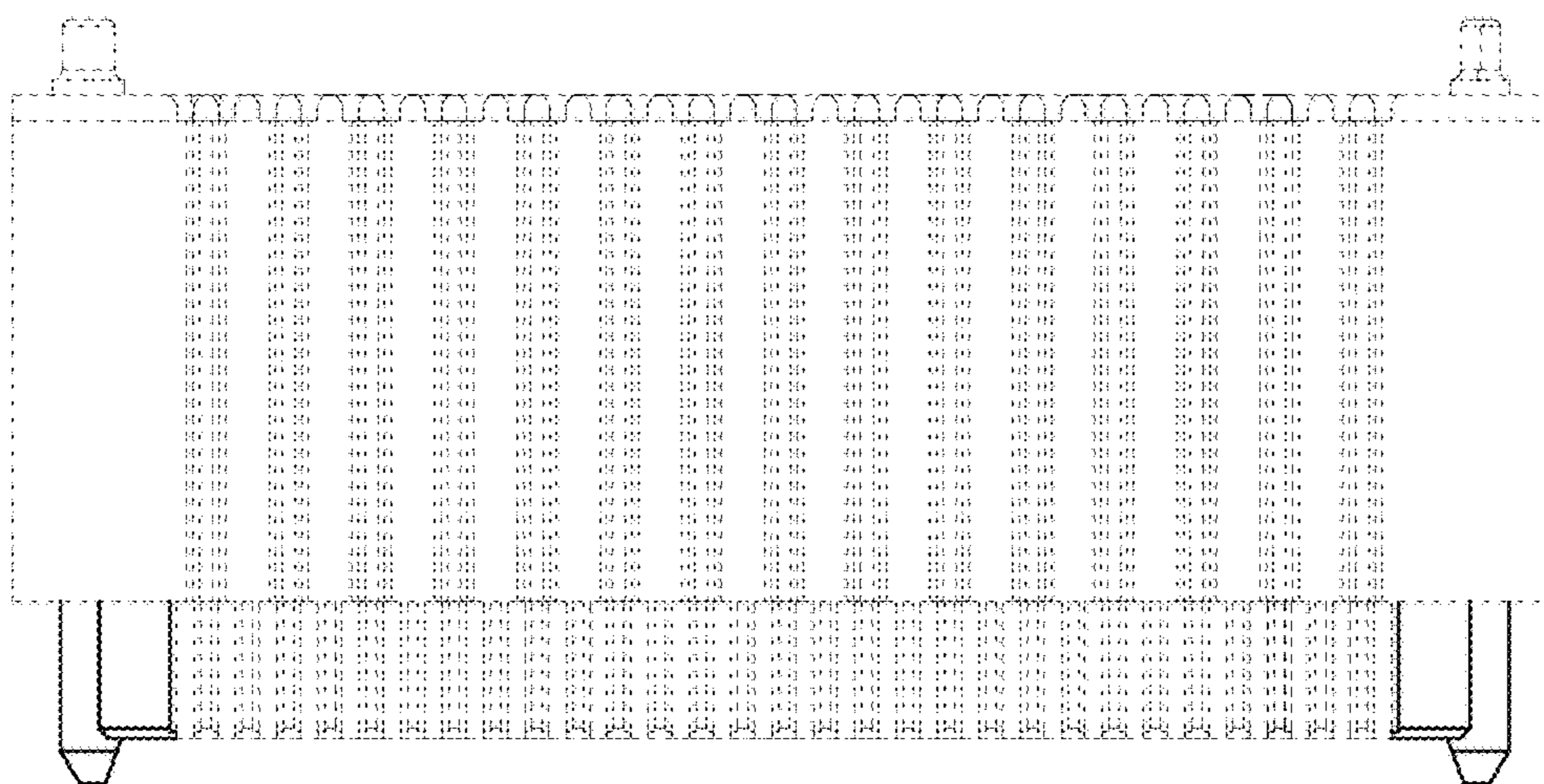


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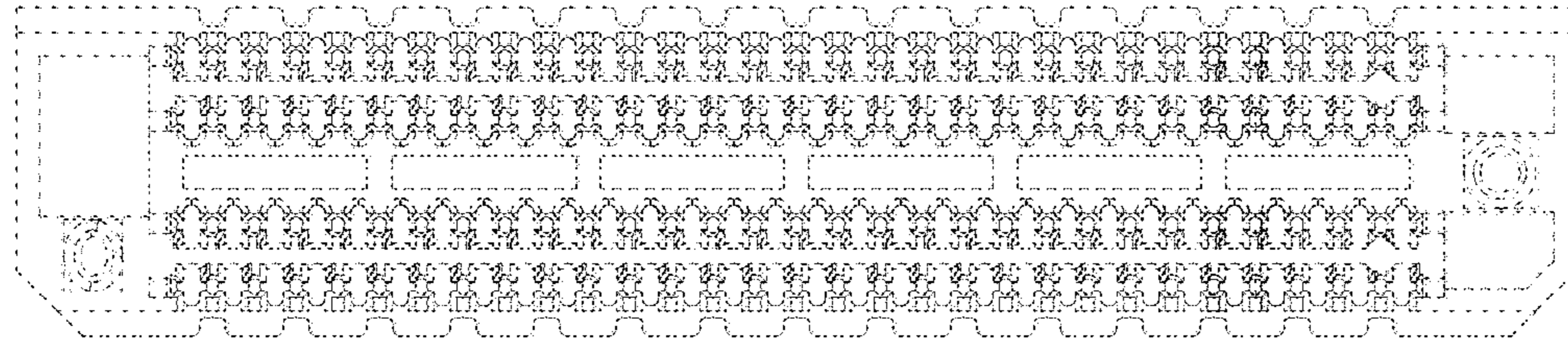


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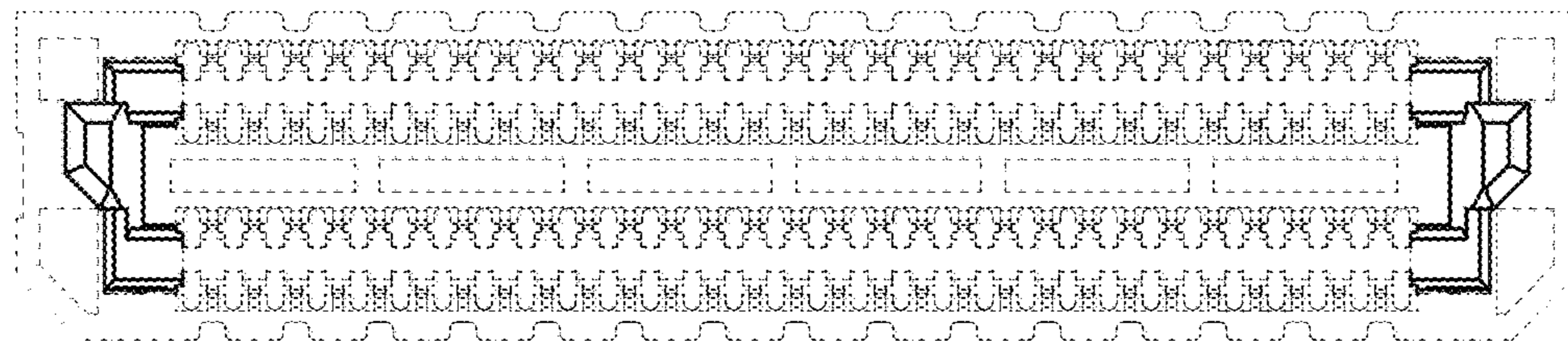


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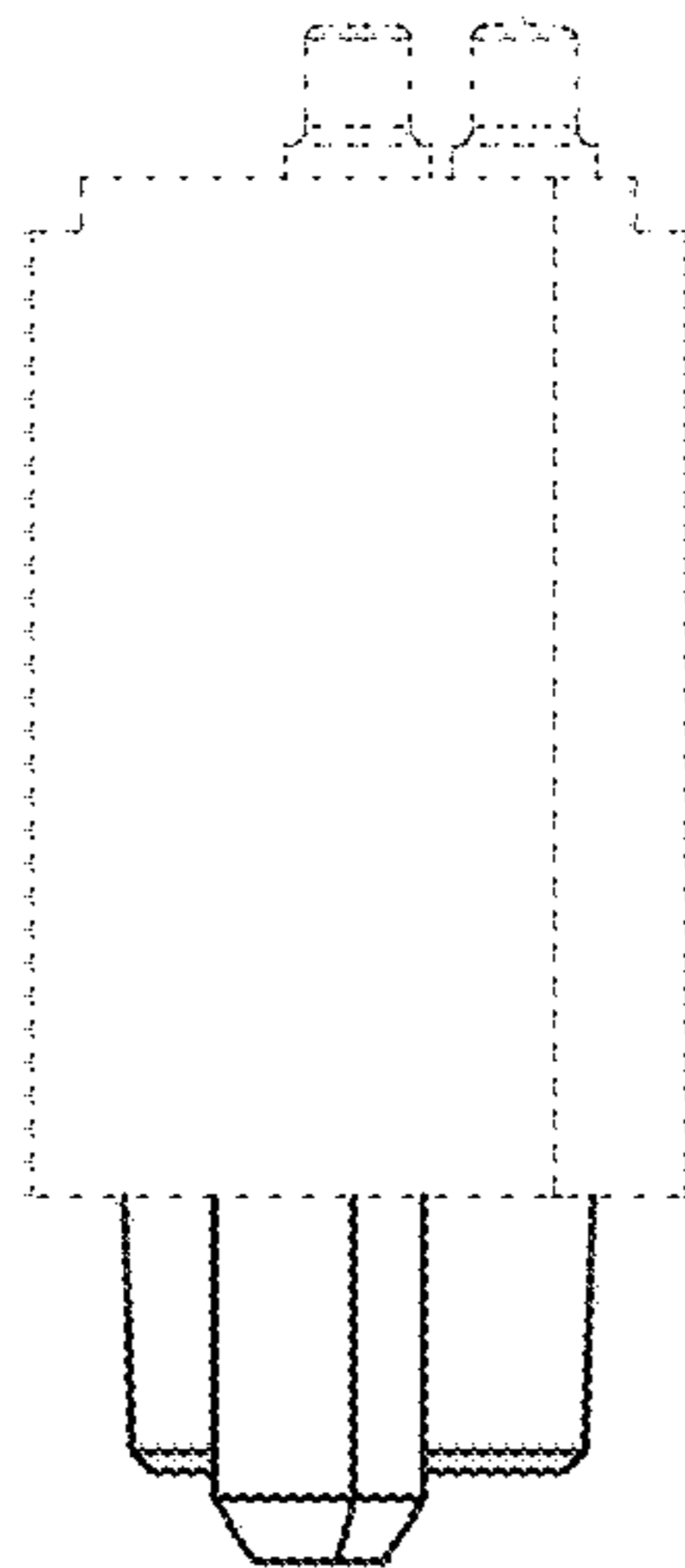


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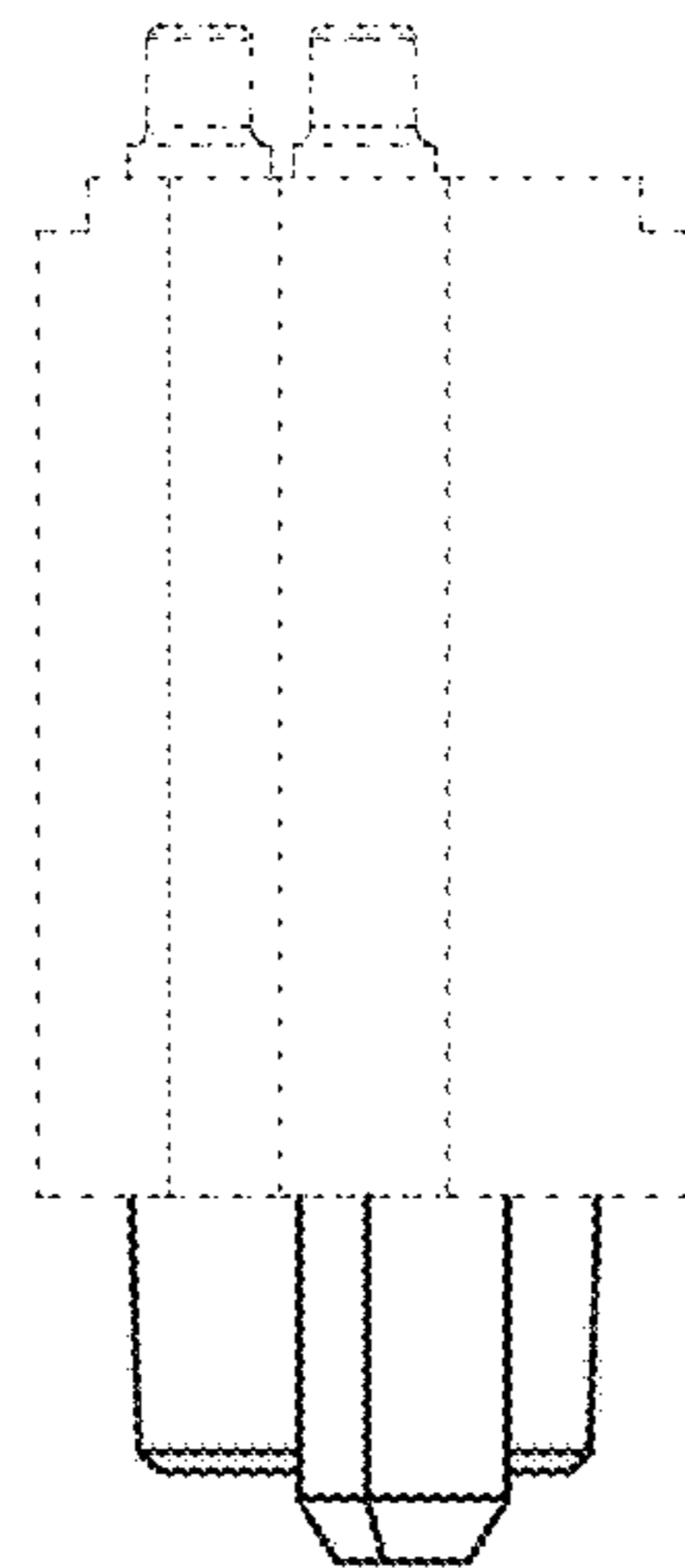
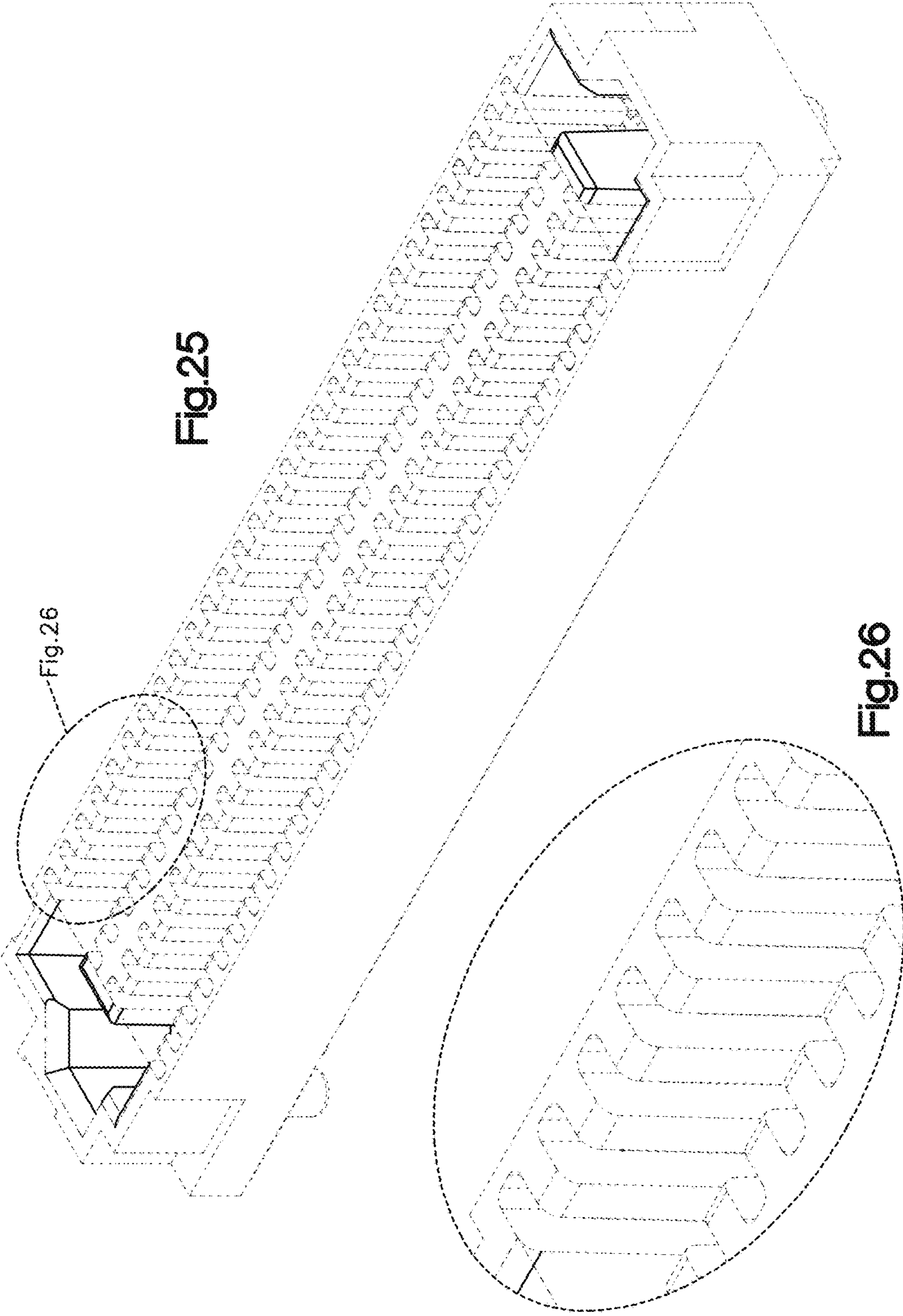


Fig.24



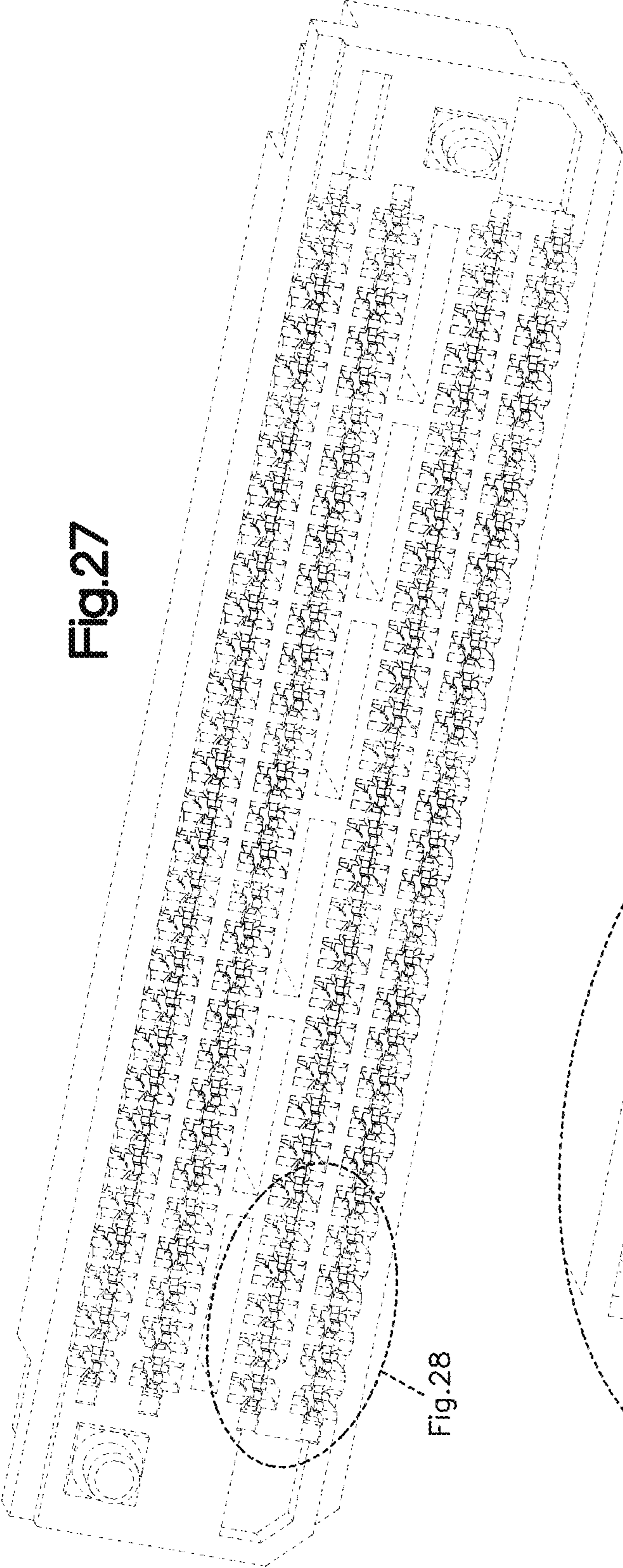


Fig.27

Fig.28

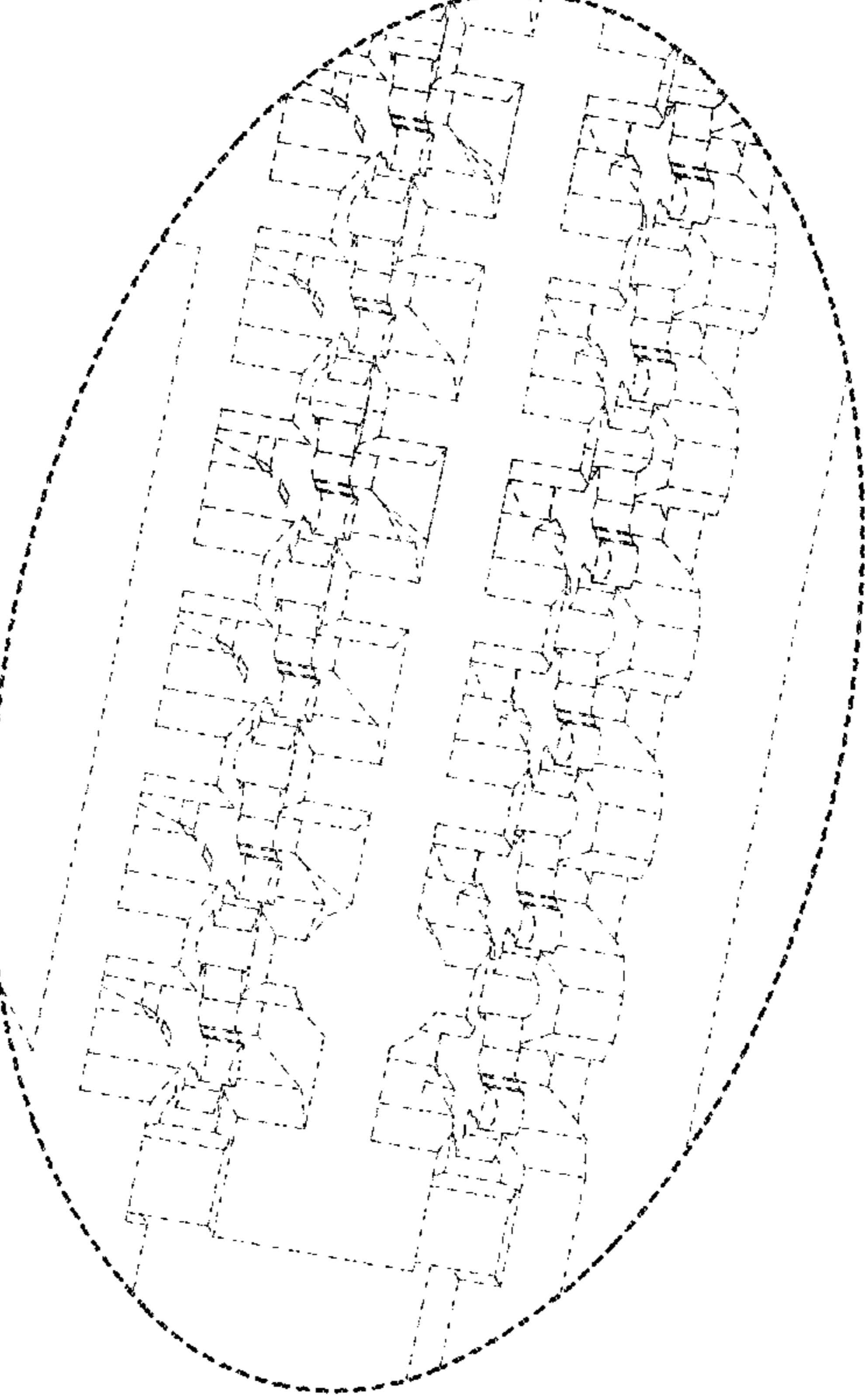
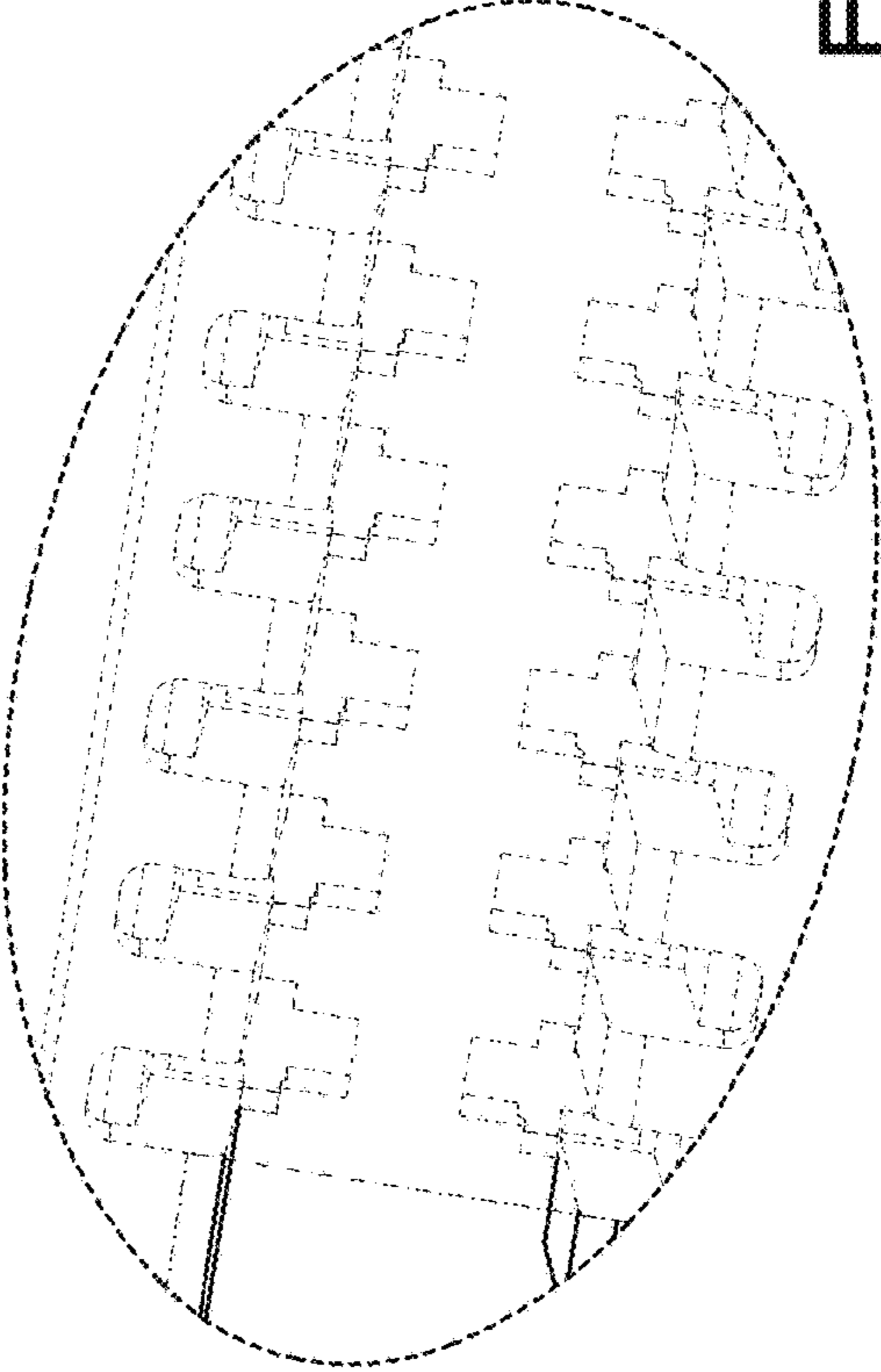
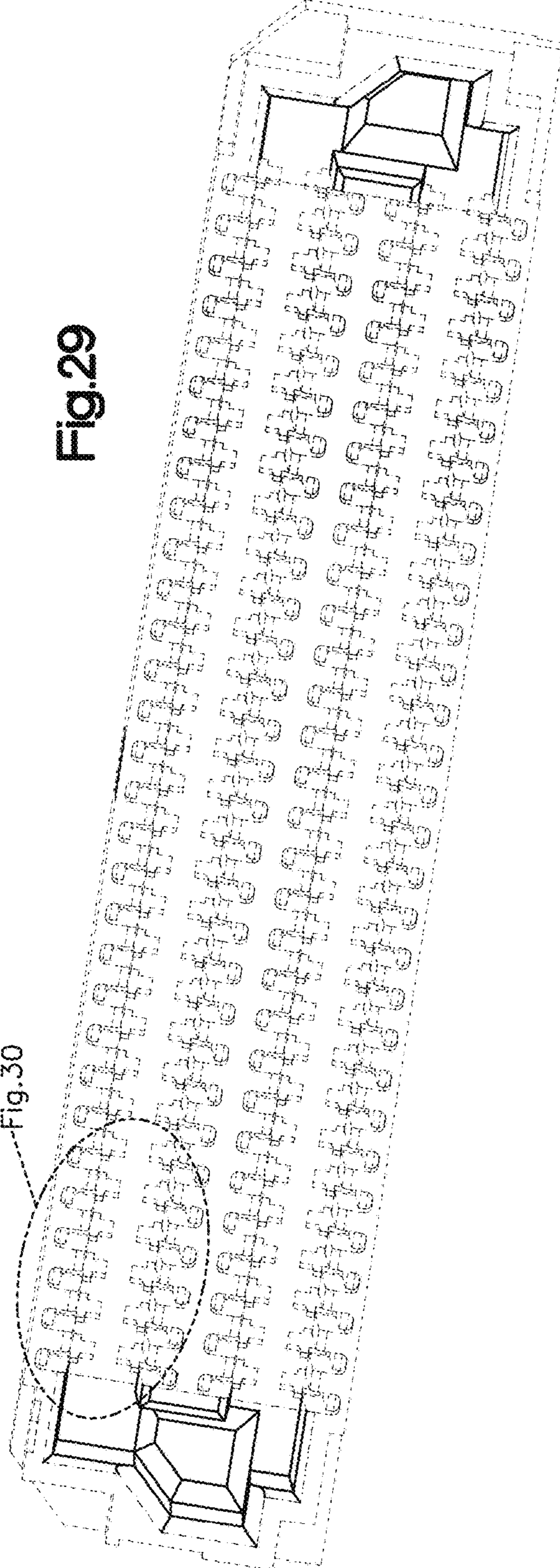


Fig.28



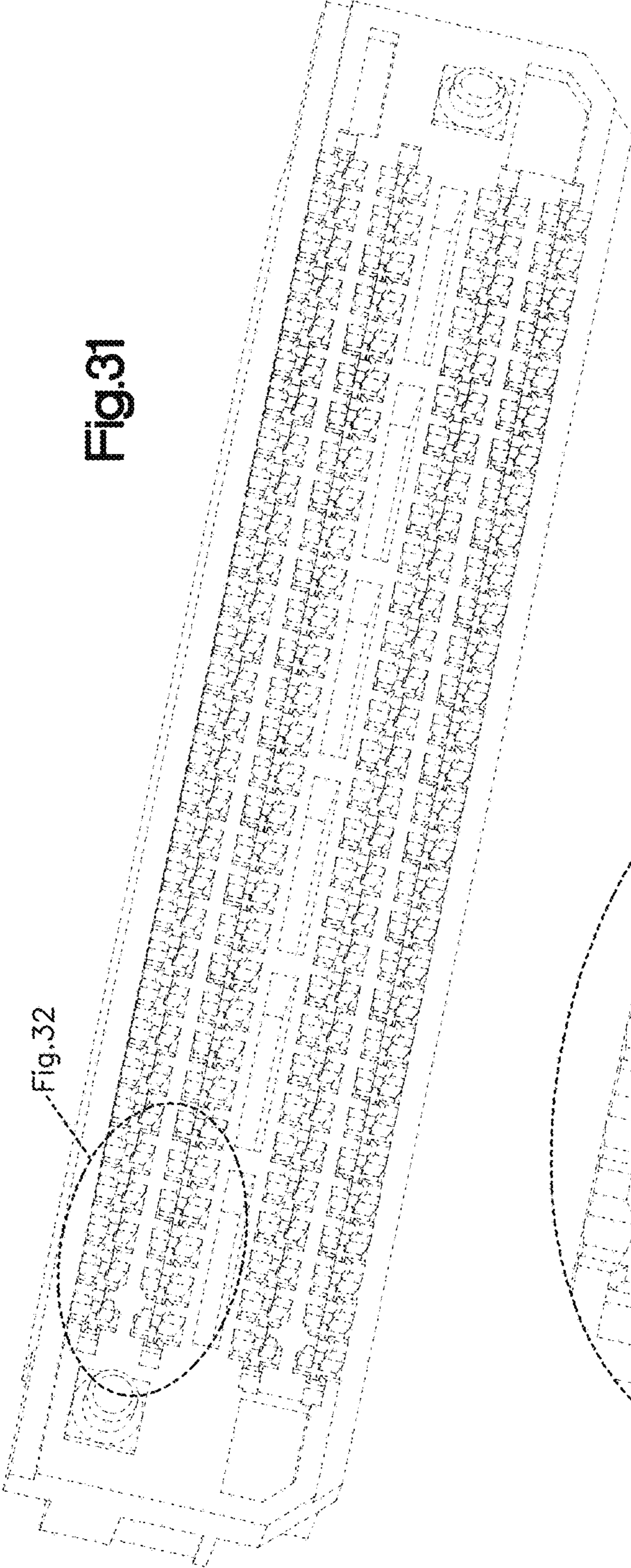


Fig.31

Fig.32

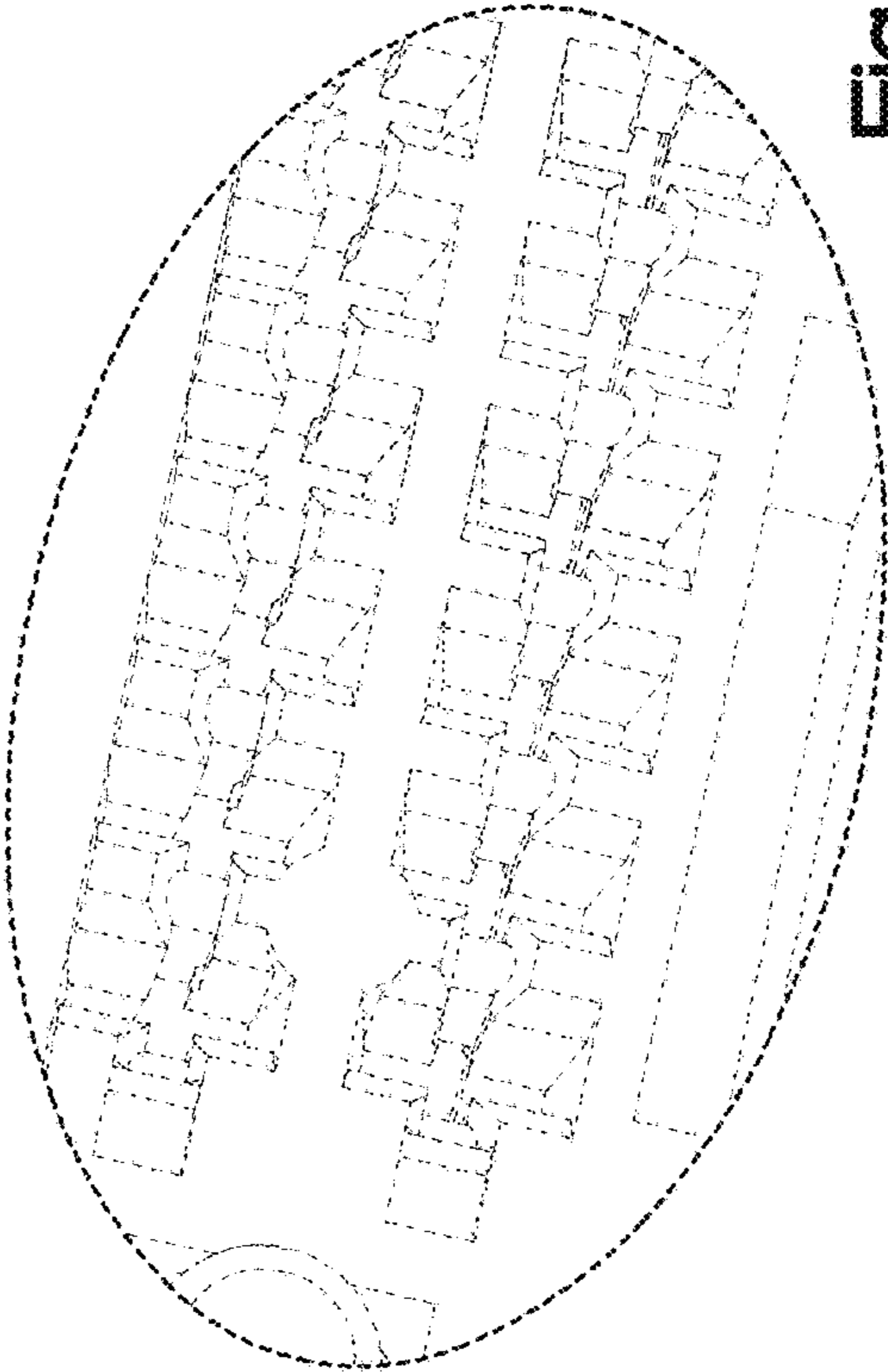


Fig.32

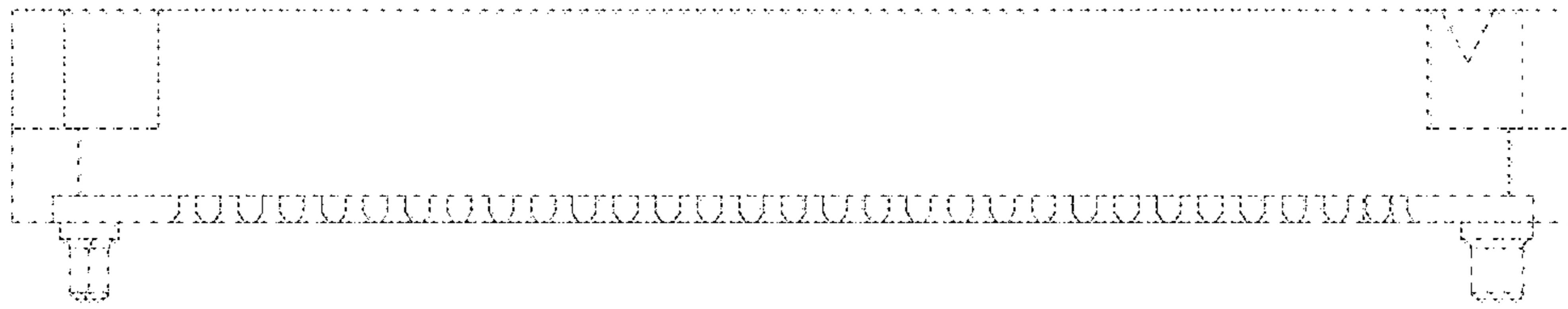


Fig.33

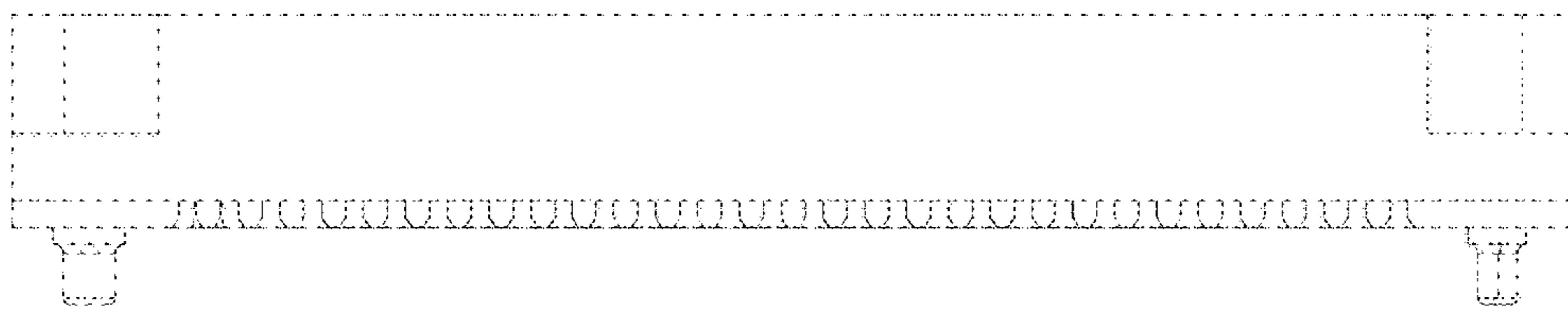


Fig.34

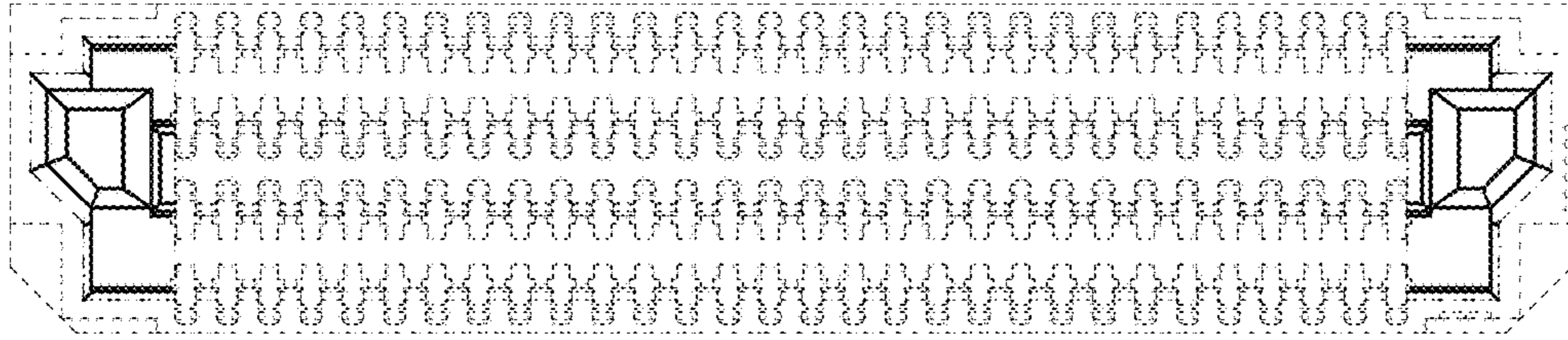


Fig.35

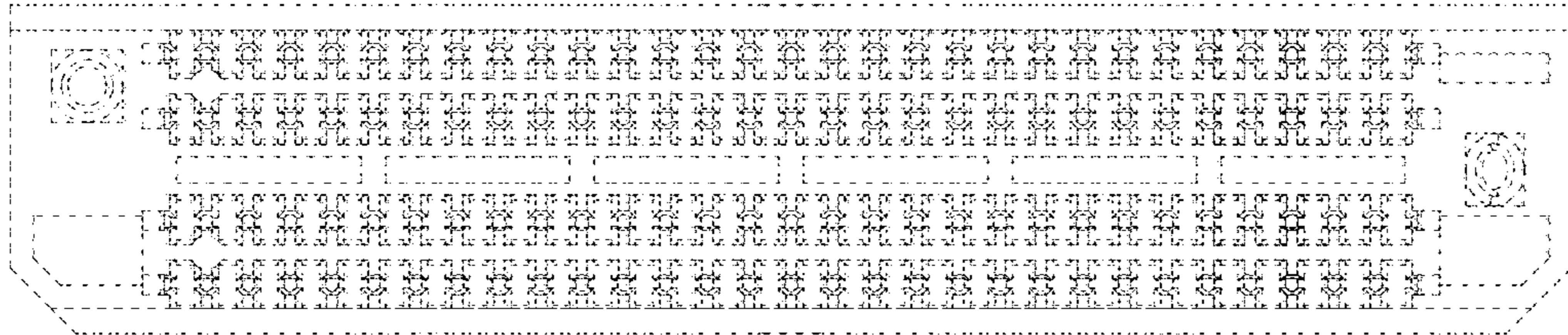


Fig.36

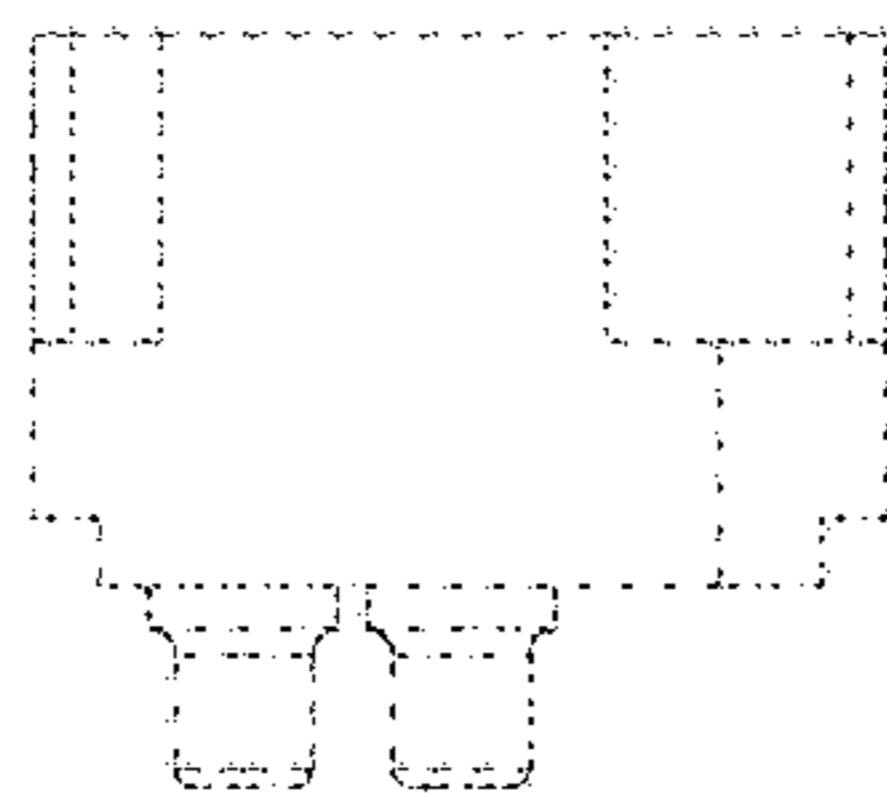


Fig.37

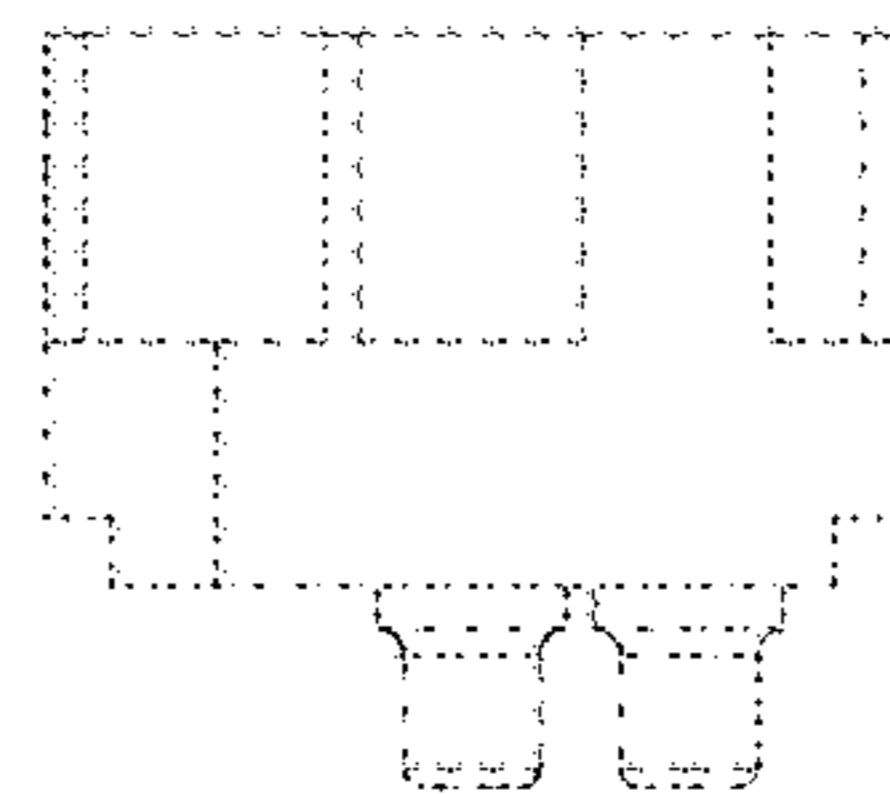


Fig.38