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

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(45) **Date of Patent:** **\*\* Mar. 12, 2019**

(54) **ELECTRICAL CONNECTOR SYSTEM**

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(73) Assignee: **LED Inspirations, LLC**, Cypress, TX (US)

(\*\*) Term: **15 Years**

(21) Appl. No.: **29/659,924**

(22) Filed: **Aug. 14, 2018**

**Related U.S. Application Data**

(62) Division of application No. 29/562,246, filed on Apr. 24, 2016, now Pat. No. Des. 828,814.

(51) **LOC (11) Cl.** ..... **13-03**

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

(58) **Field of Classification Search**  
USPC ..... D13/123, 133, 146, 147, 154, 184, 199  
(Continued)

(56) **References Cited**

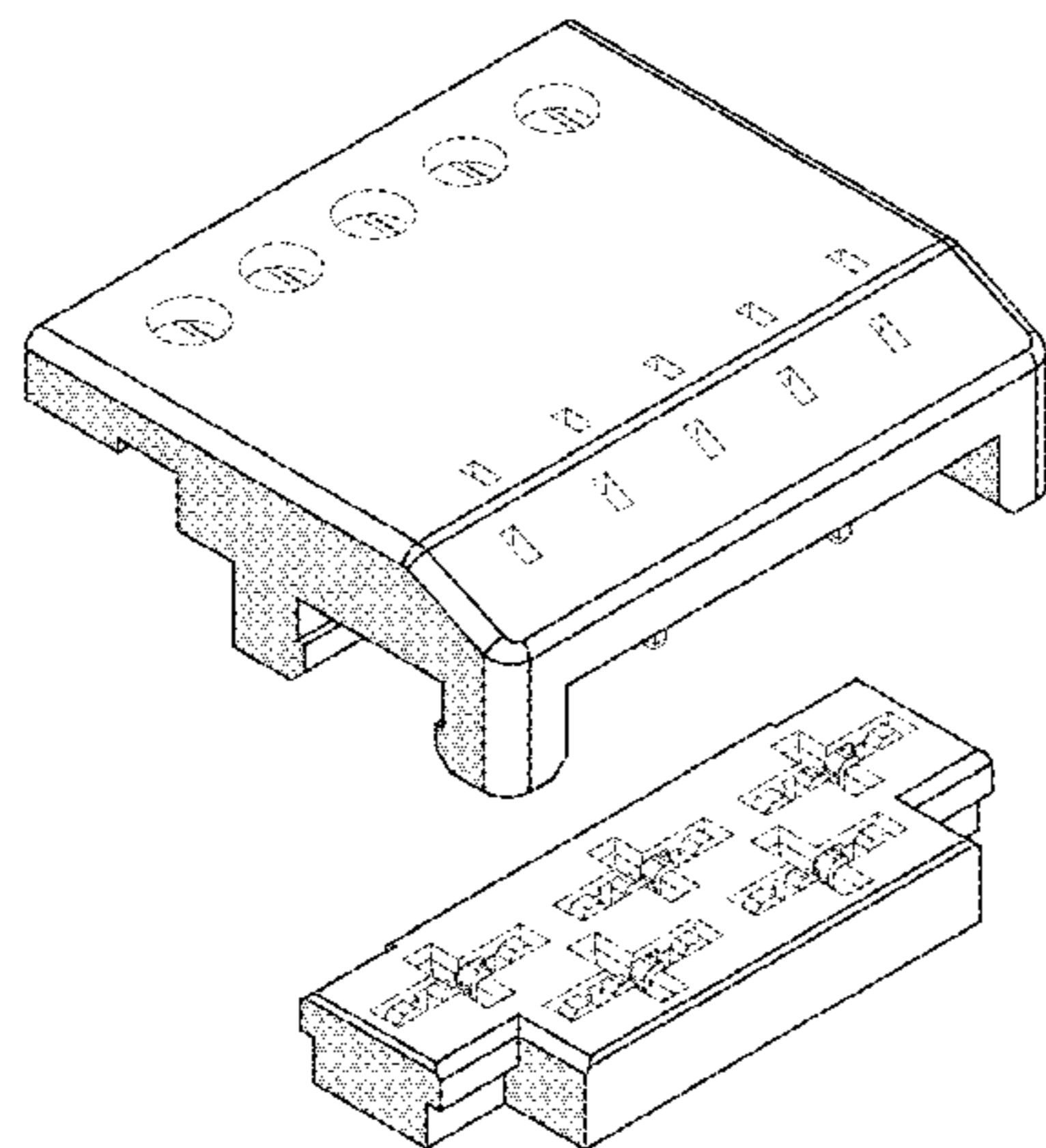
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(Continued)



*Primary Examiner* — Daniel D Bui

(74) *Attorney, Agent, or Firm* — Basil M. Angelo; Angelo Mikeska PLLC

(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a top and left side perspective view of an electrical connector system, which consists of a connector and a header in a disconnected state, showing our new design; FIG. 2 is a top and left side perspective view thereof, in a connected state;

FIG. 3 is a top and left side perspective view of the connector of the electrical connector system thereof;

FIG. 4 is a bottom perspective view thereof;

FIG. 5 is a top plan view thereof;

FIG. 6 is a bottom plan view thereof;

FIG. 7 is a front elevation view thereof;

FIG. 8 is a rear elevation view thereof;

FIG. 9 is a right side elevation view thereof;

FIG. 10 is a left side elevation view thereof;

FIG. 11 is a top and left side perspective view of the header of the electrical connector system thereof;

FIG. 12 is a bottom perspective view thereof;

FIG. 13 is a top plan view thereof;

FIG. 14 is a bottom plan view thereof;

FIG. 15 is a front elevation view thereof;

FIG. 16 is a rear elevation view thereof;

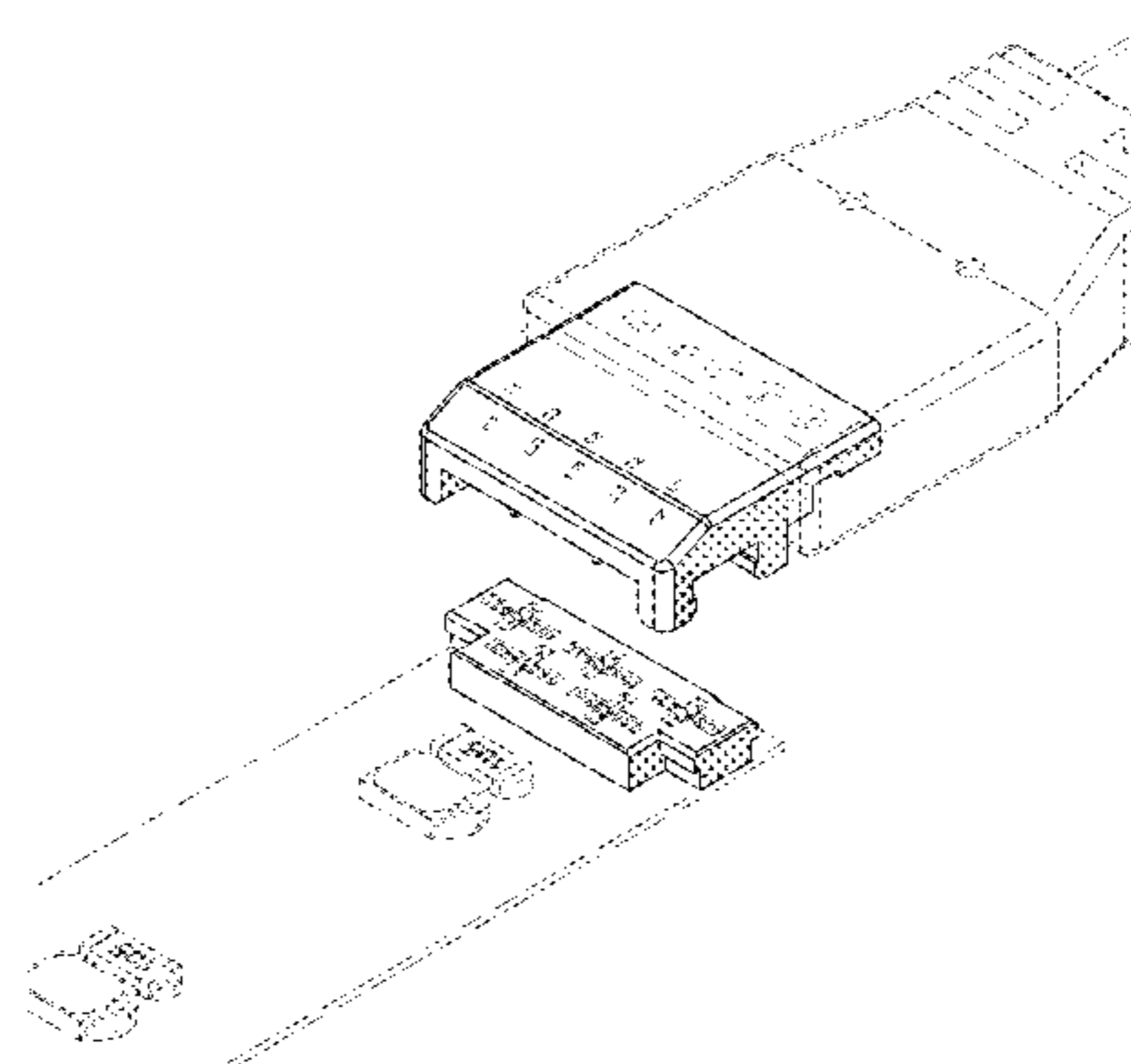
FIG. 17 is a right side elevation thereof;

FIG. 18 is a left side elevation view thereof;

FIG. 19 is a top and right side perspective view of an electrical connector system, which consists of a connector and a header in a disconnected state and in use condition; and,

FIG. 20 is a top and right side perspective view of an electrical connector system, which consists of a connector and a header in a connected state and in use condition.

(Continued)



The broken lines in the figures show portions of the electrical connector system, or environmental structure, which form no part of the claimed design.

**1 Claim, 16 Drawing Sheets**

(58) **Field of Classification Search**

CPC ..... H01R 12/24; H01R 12/71; H01R 13/04;  
H01R 13/10; H01R 13/502; H01R  
13/514; H01R 23/7068; H01R 23/7073  
See application file for complete search history.

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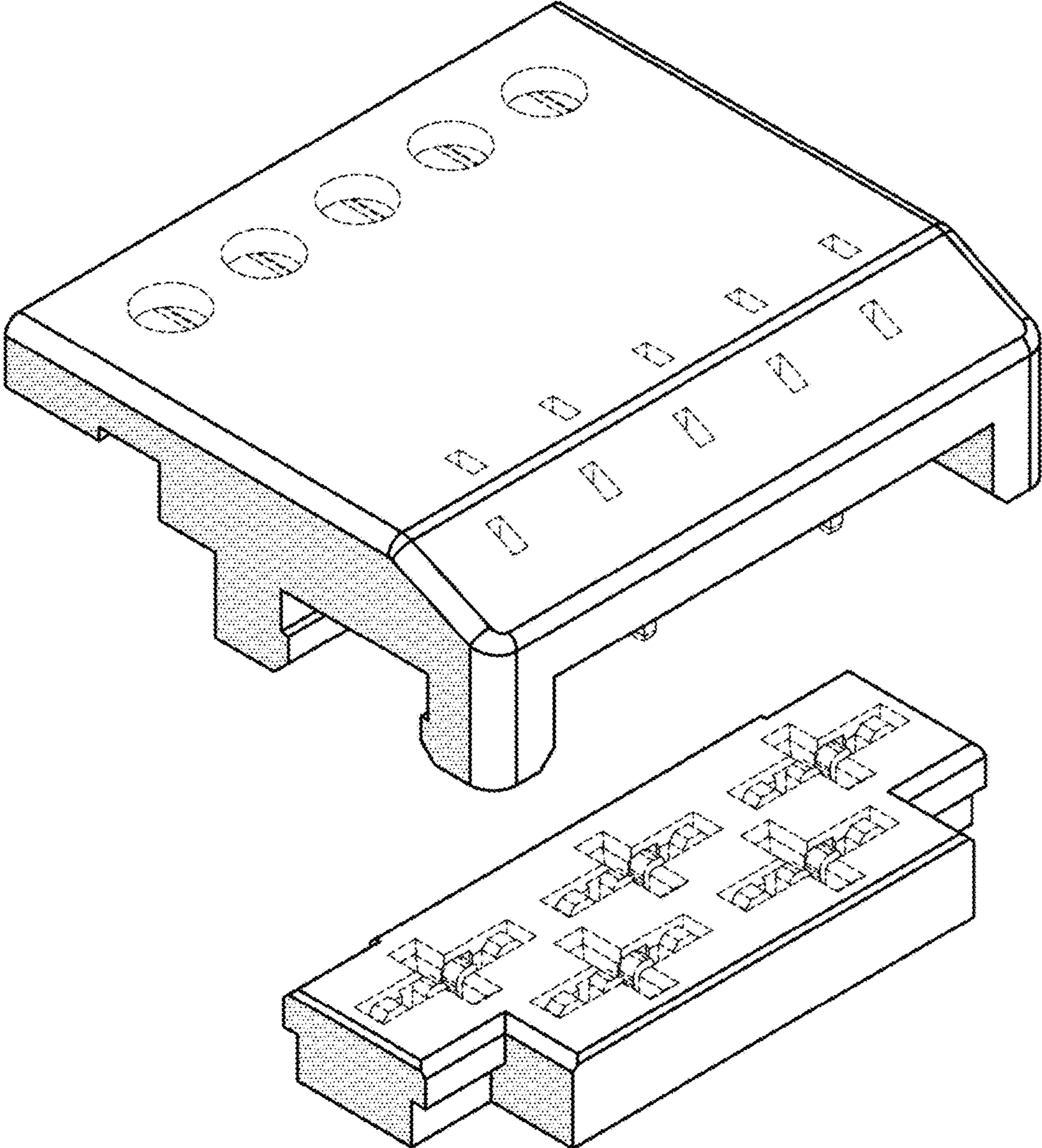


FIG. 1

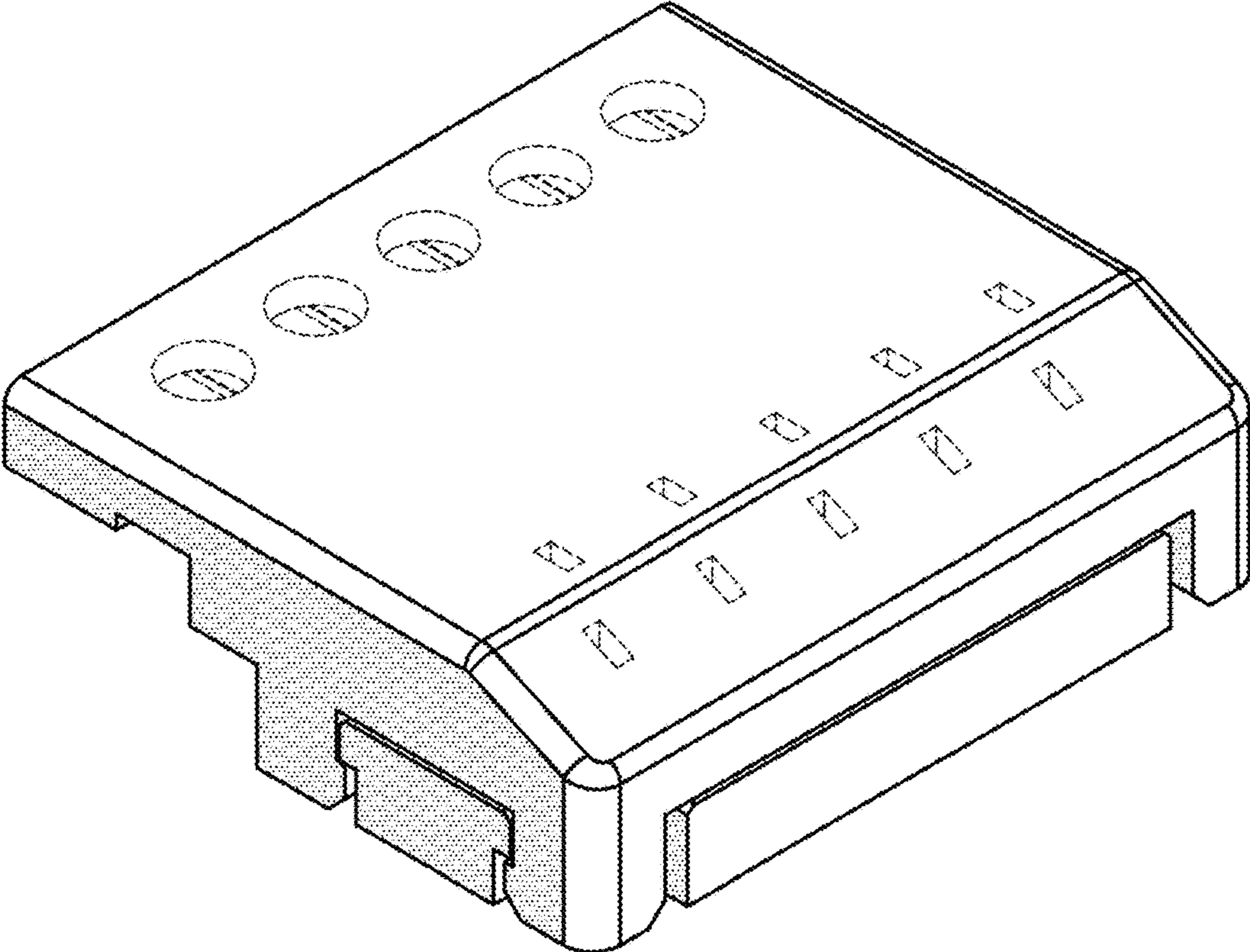


FIG. 2

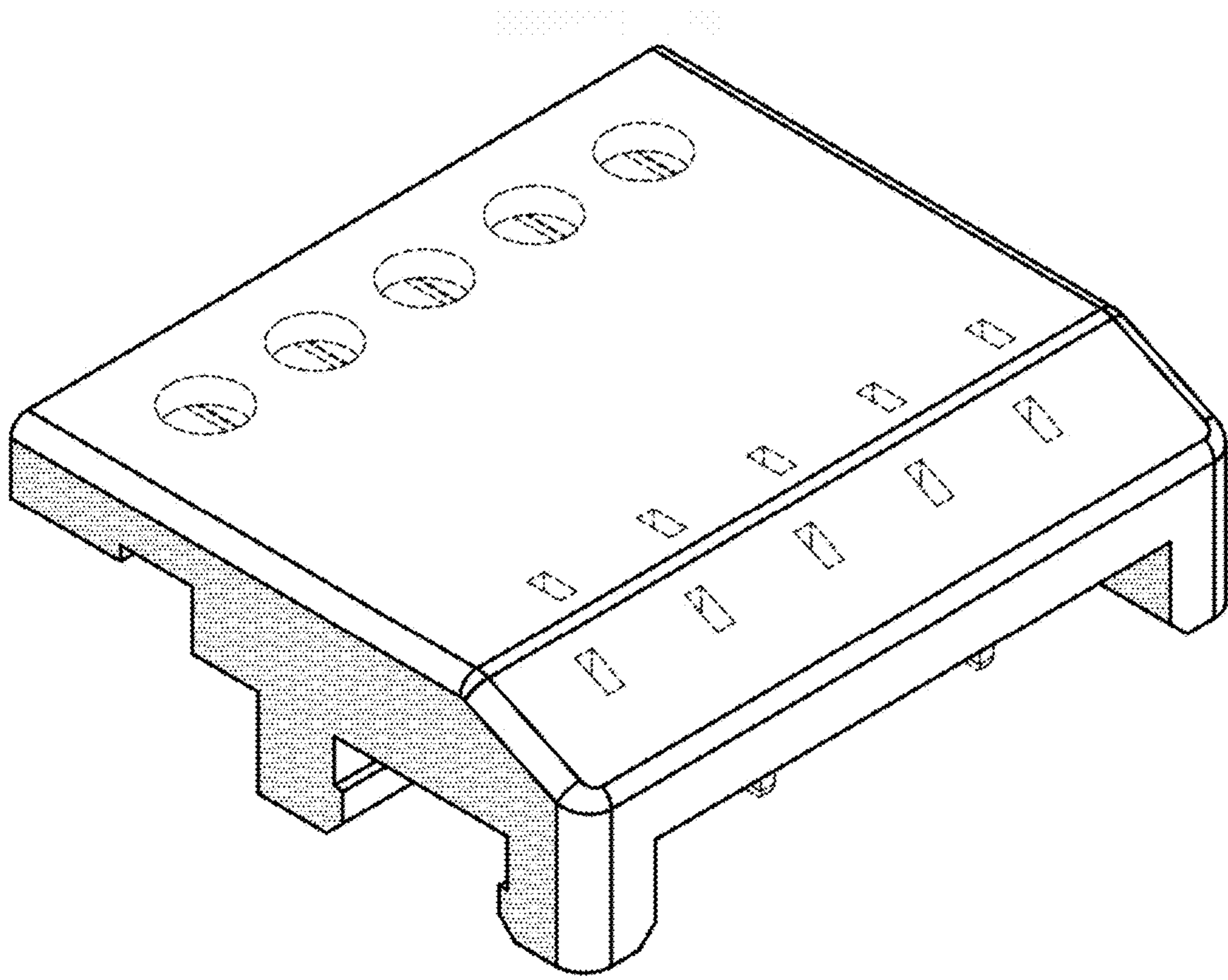


FIG. 3

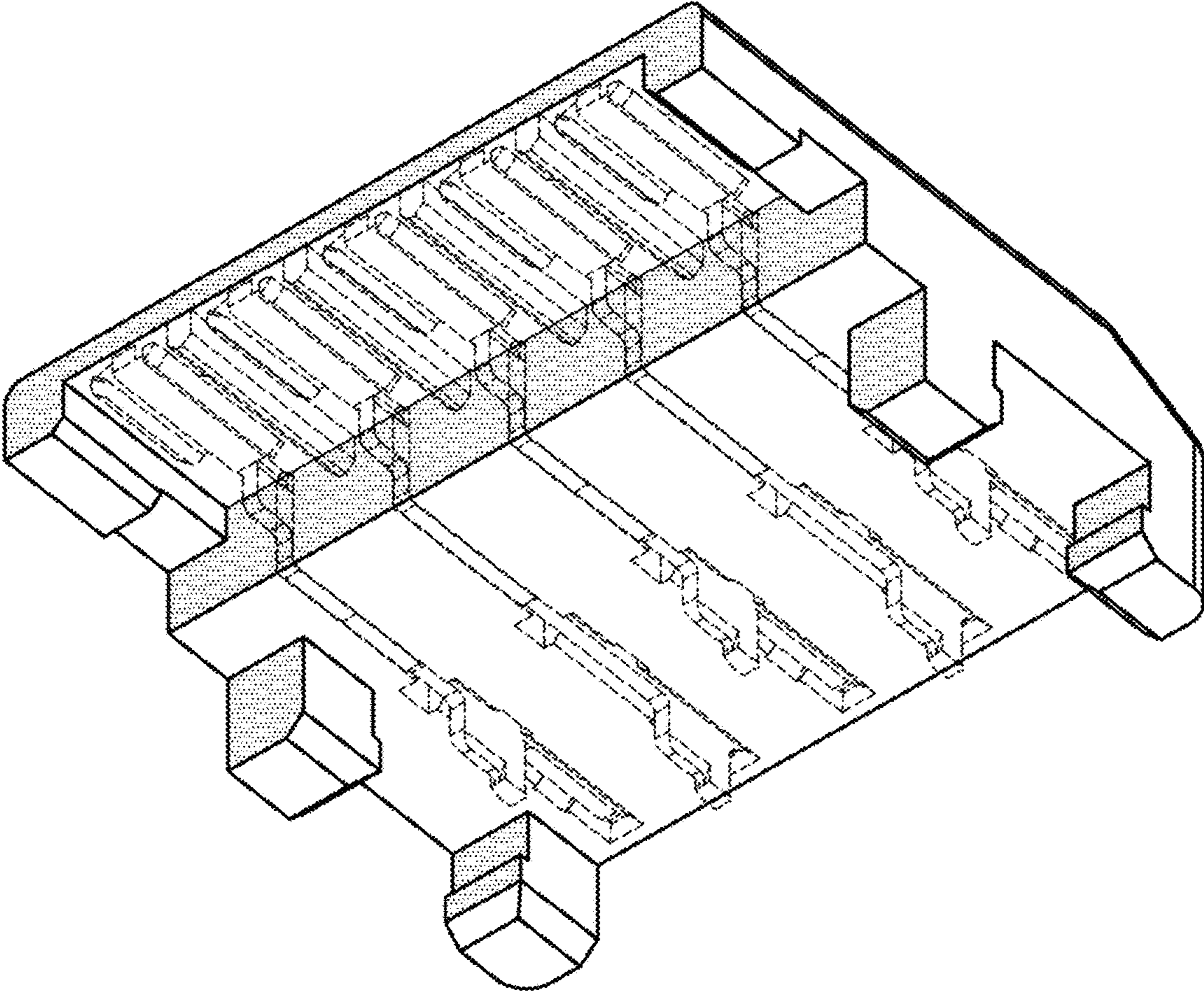


FIG. 4

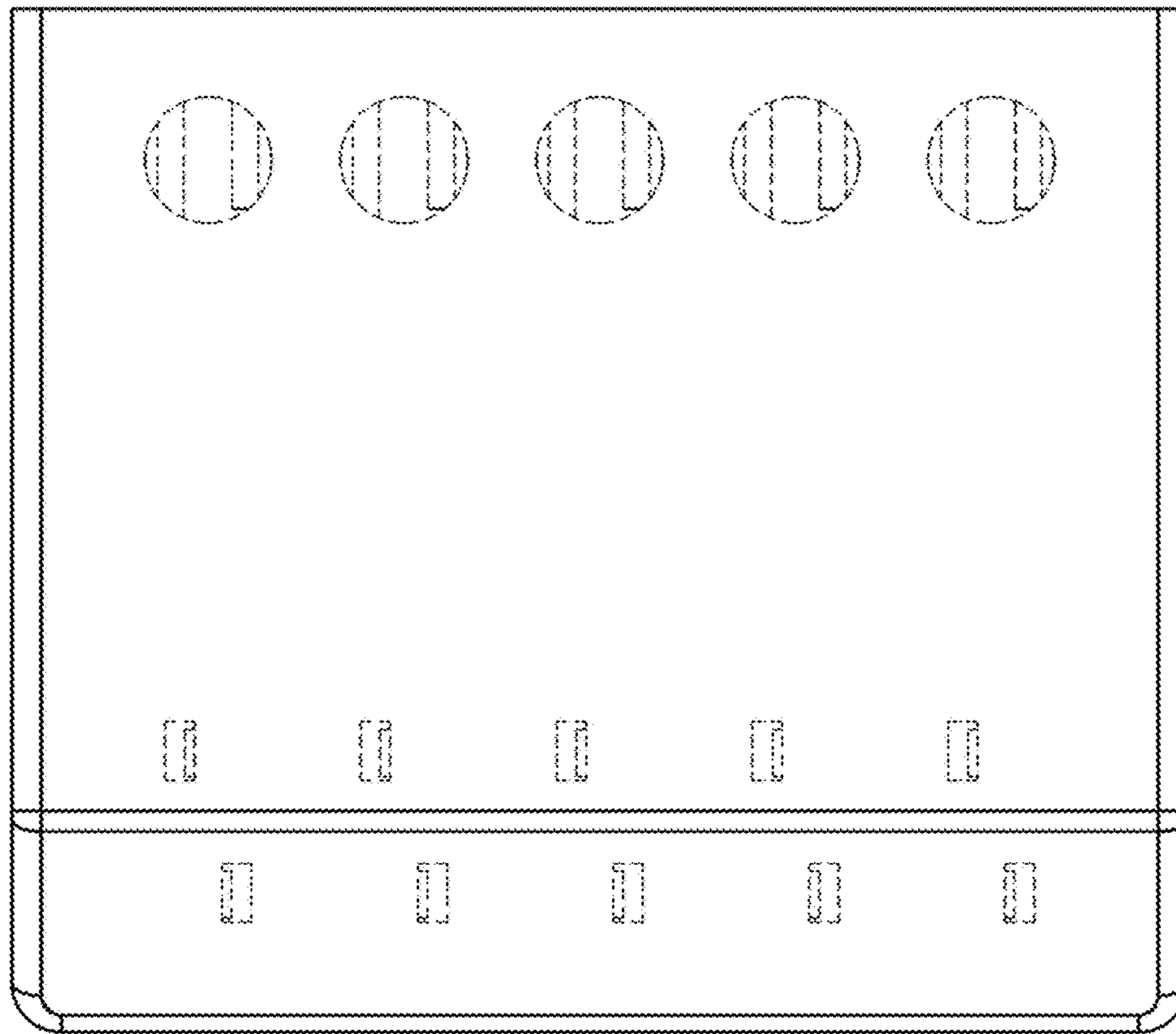


FIG. 5

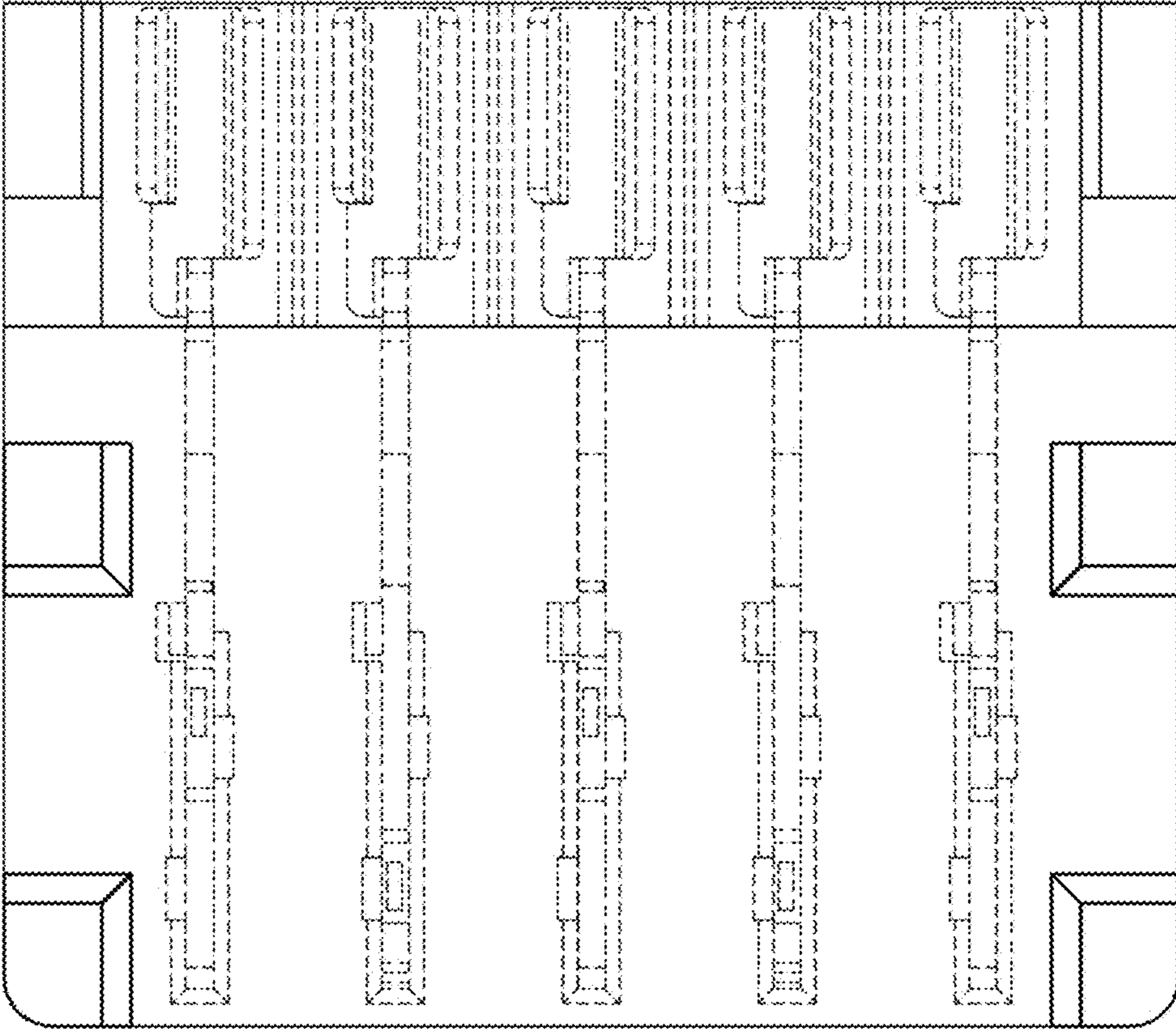


FIG. 6



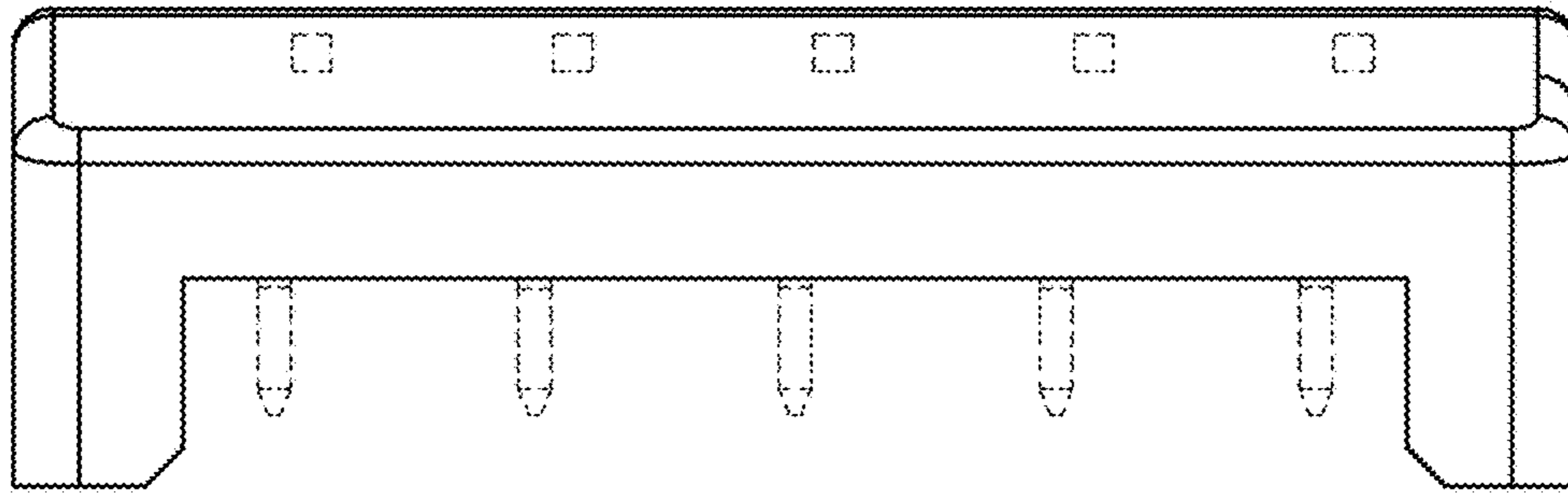


FIG. 7

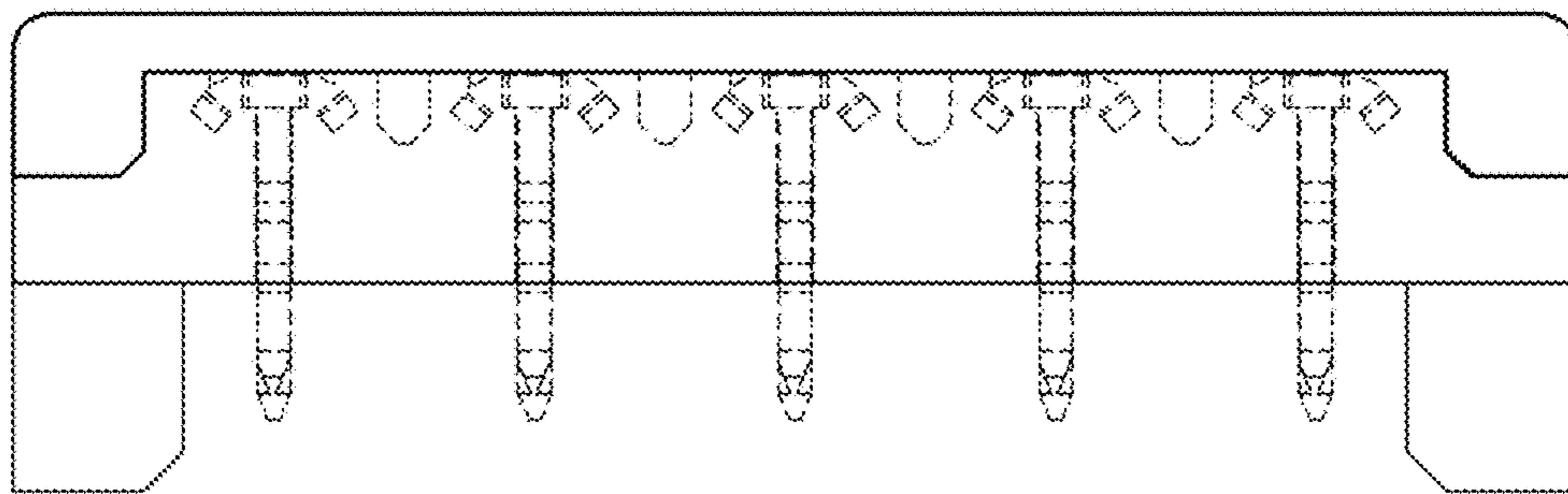


FIG. 8

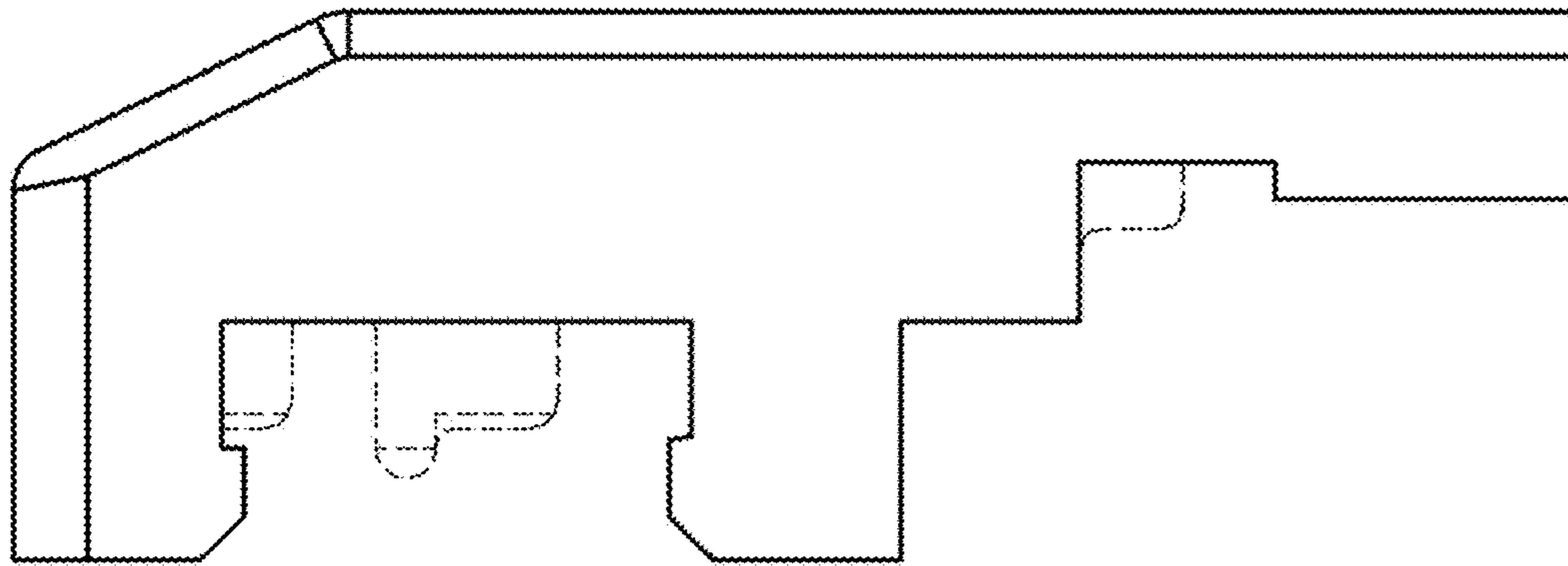


FIG. 9

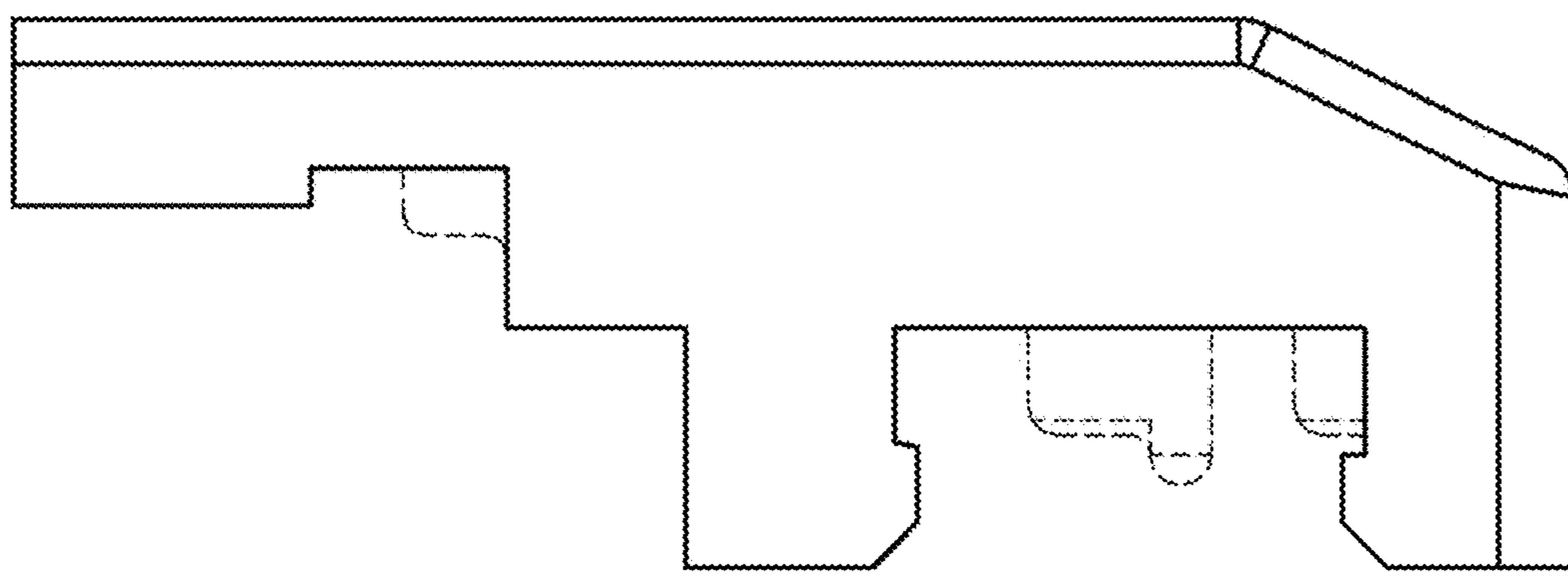


FIG. 10

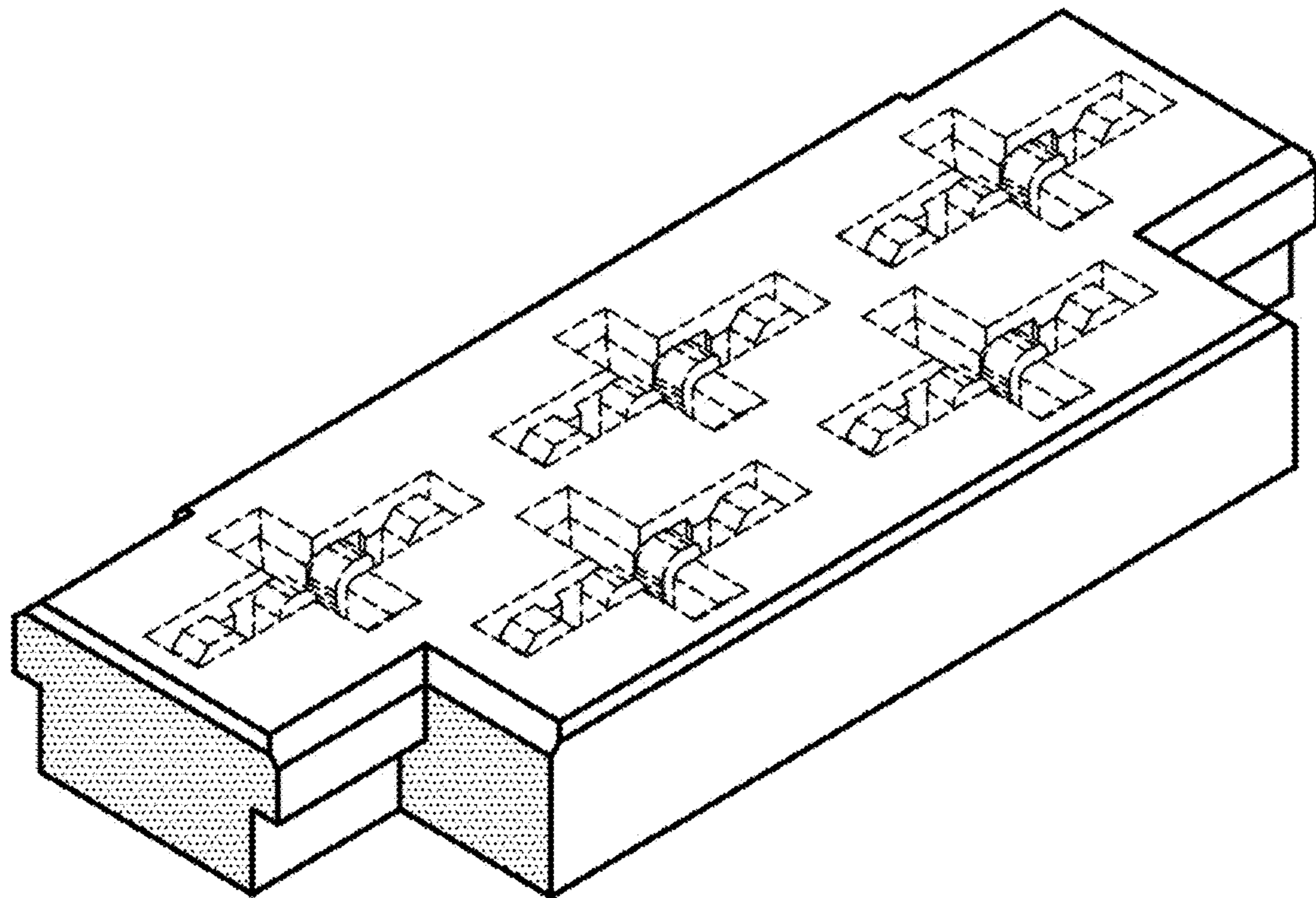


FIG. 11

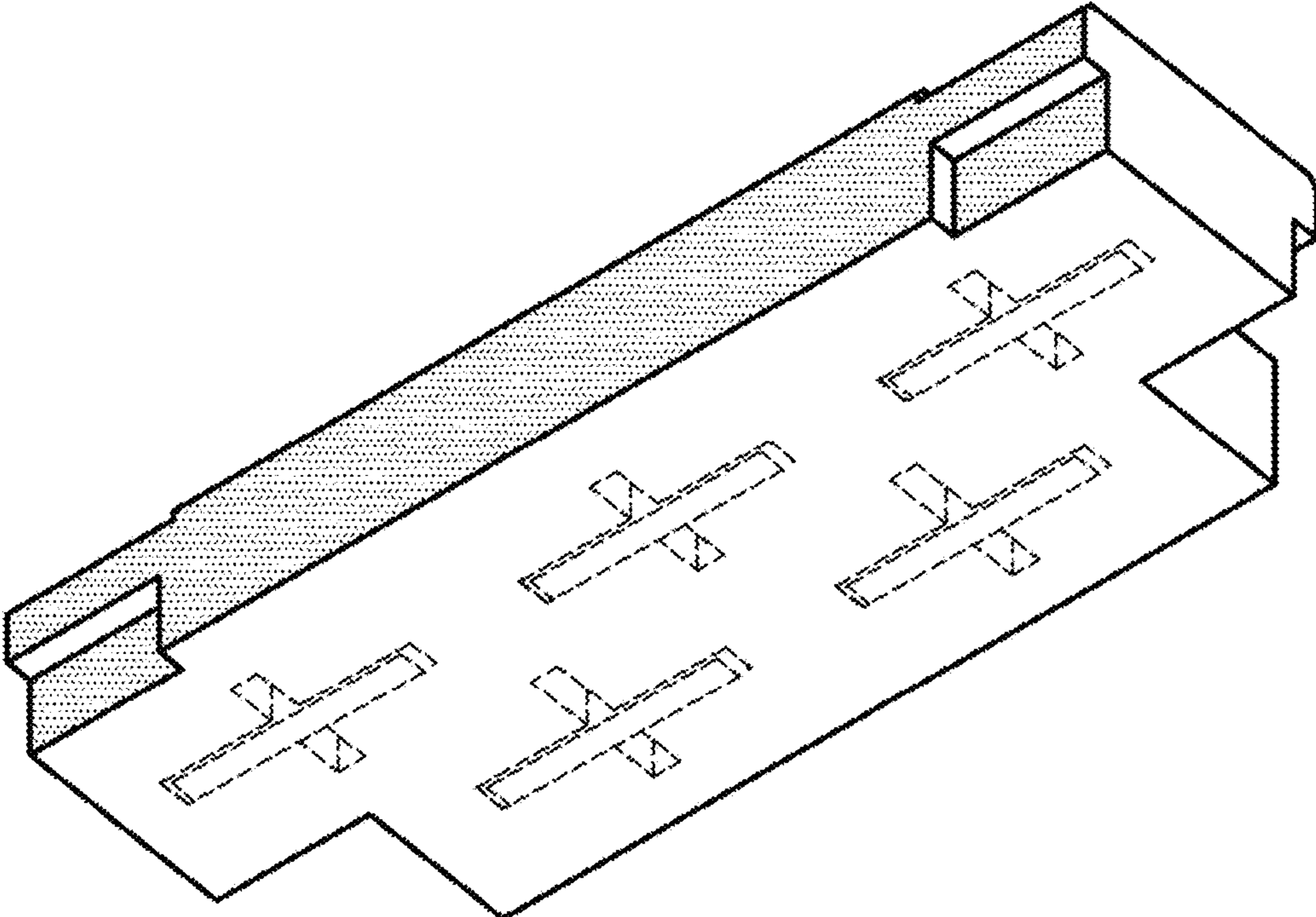


FIG. 12

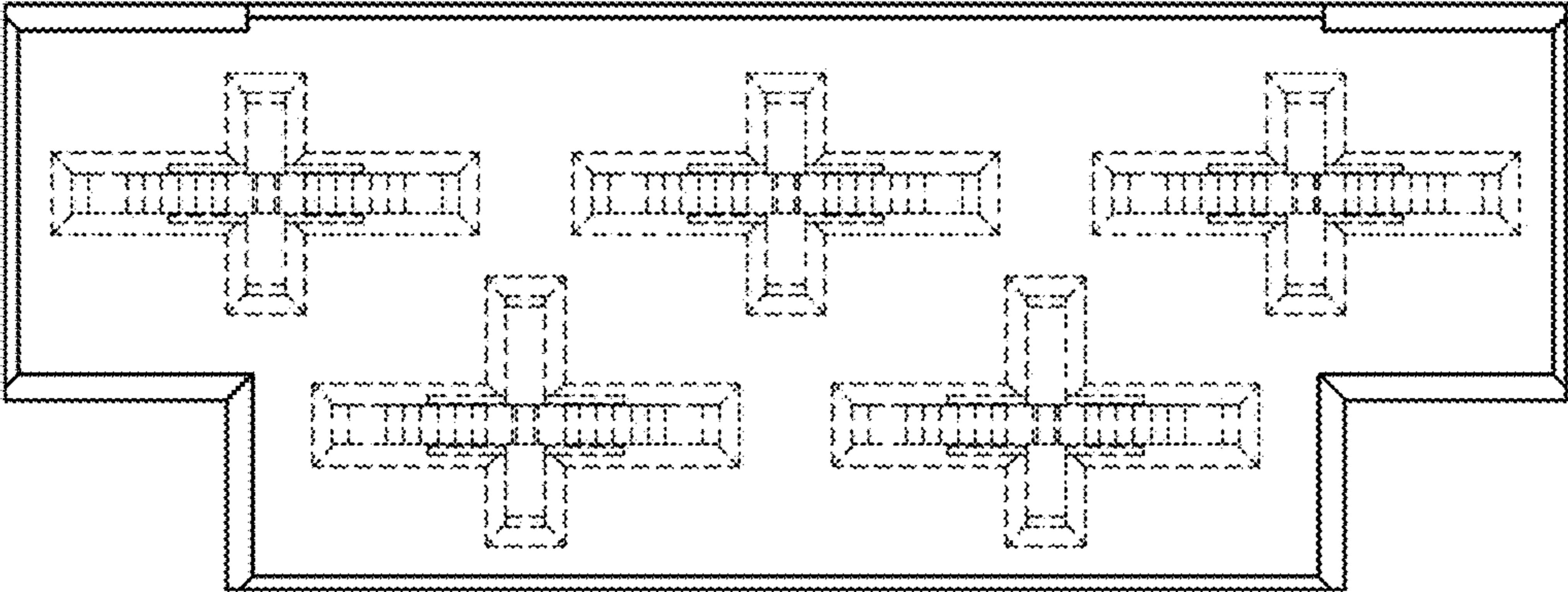


FIG. 13

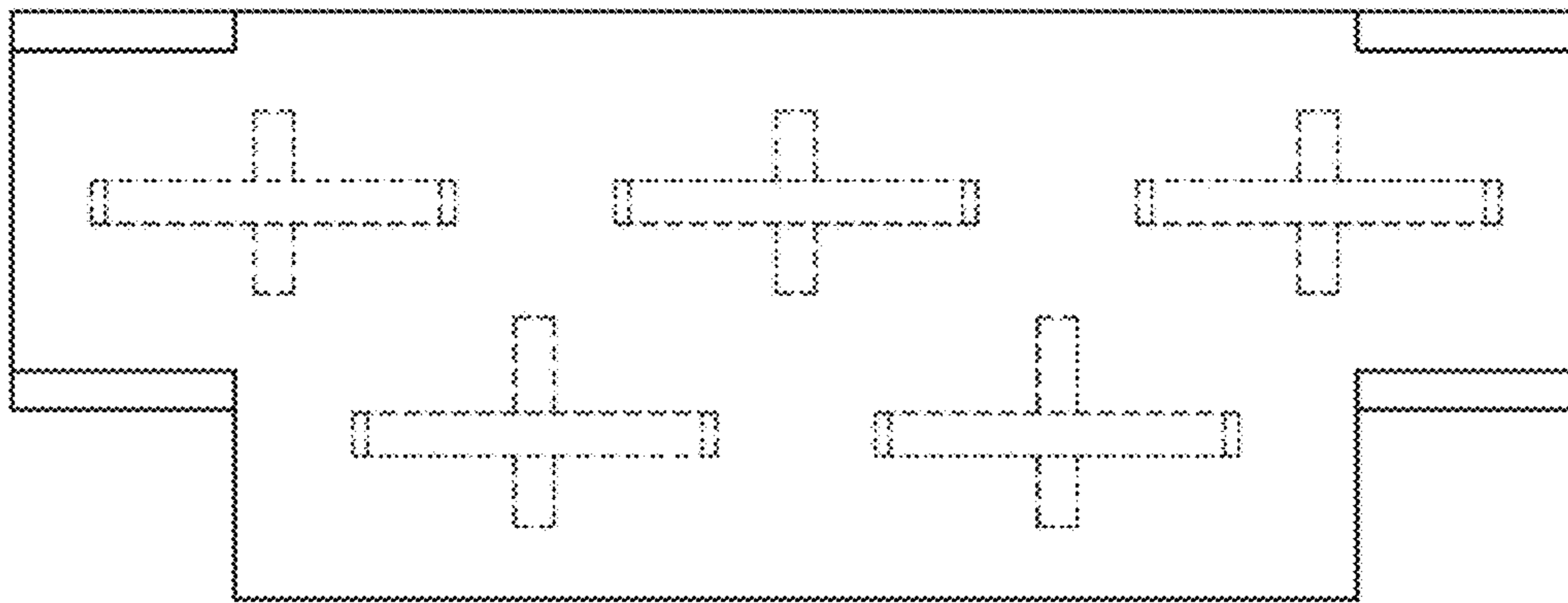
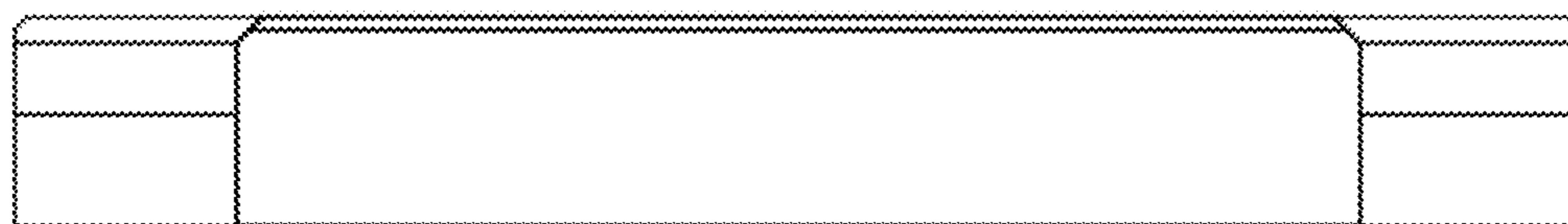
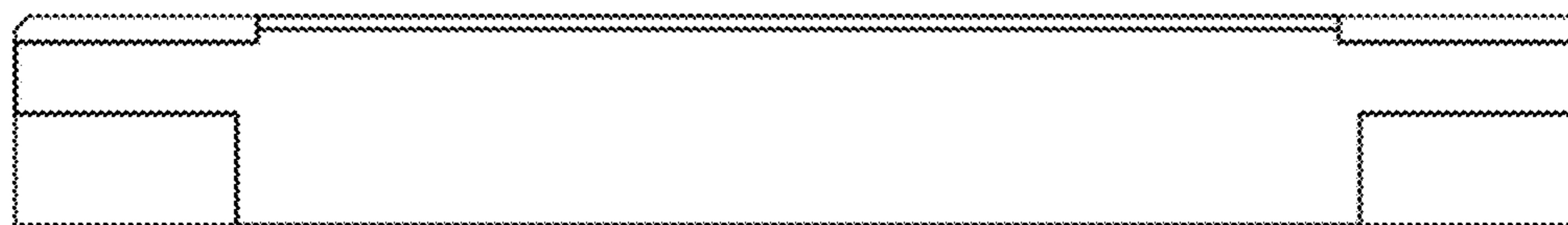


FIG. 14



**FIG. 15**



**FIG. 16**

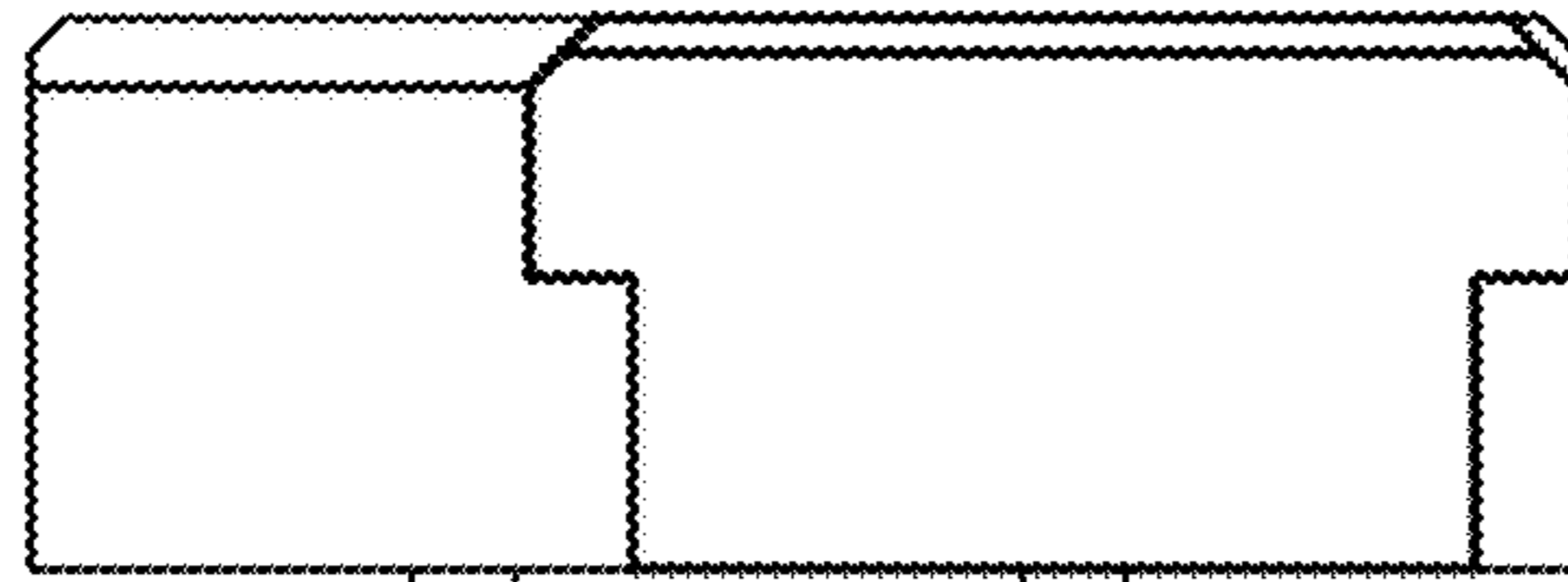


FIG. 17

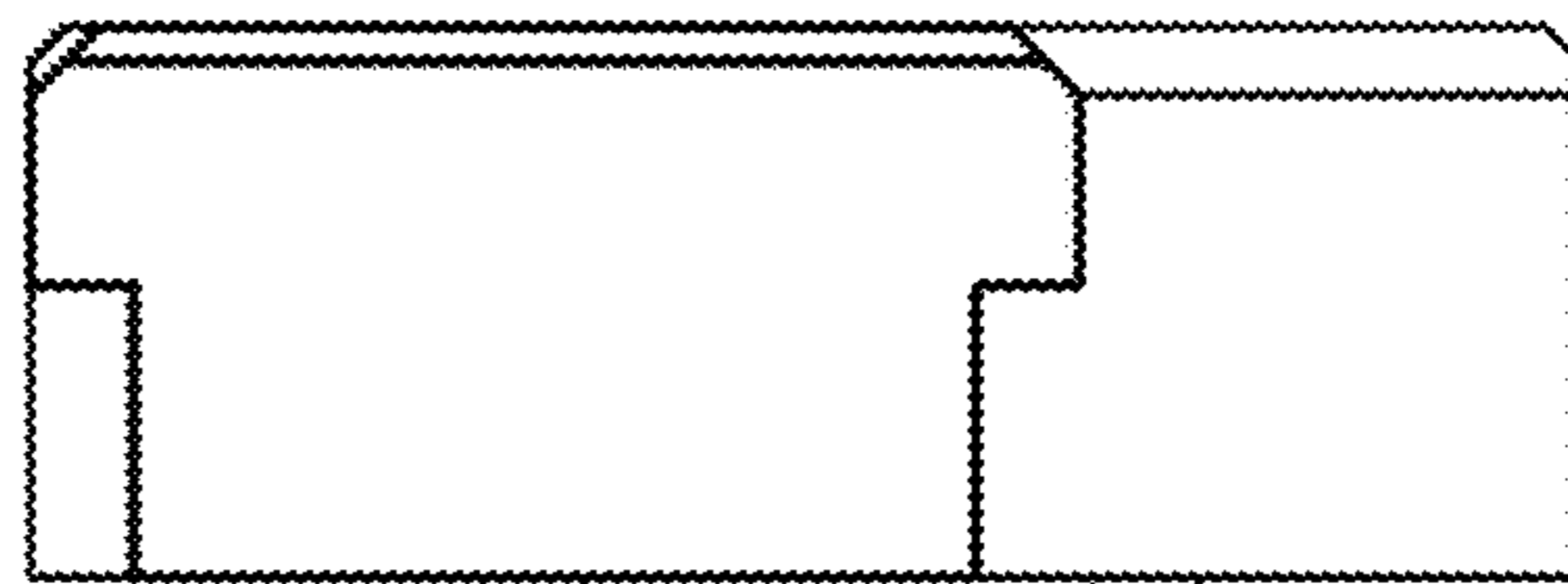


FIG. 18



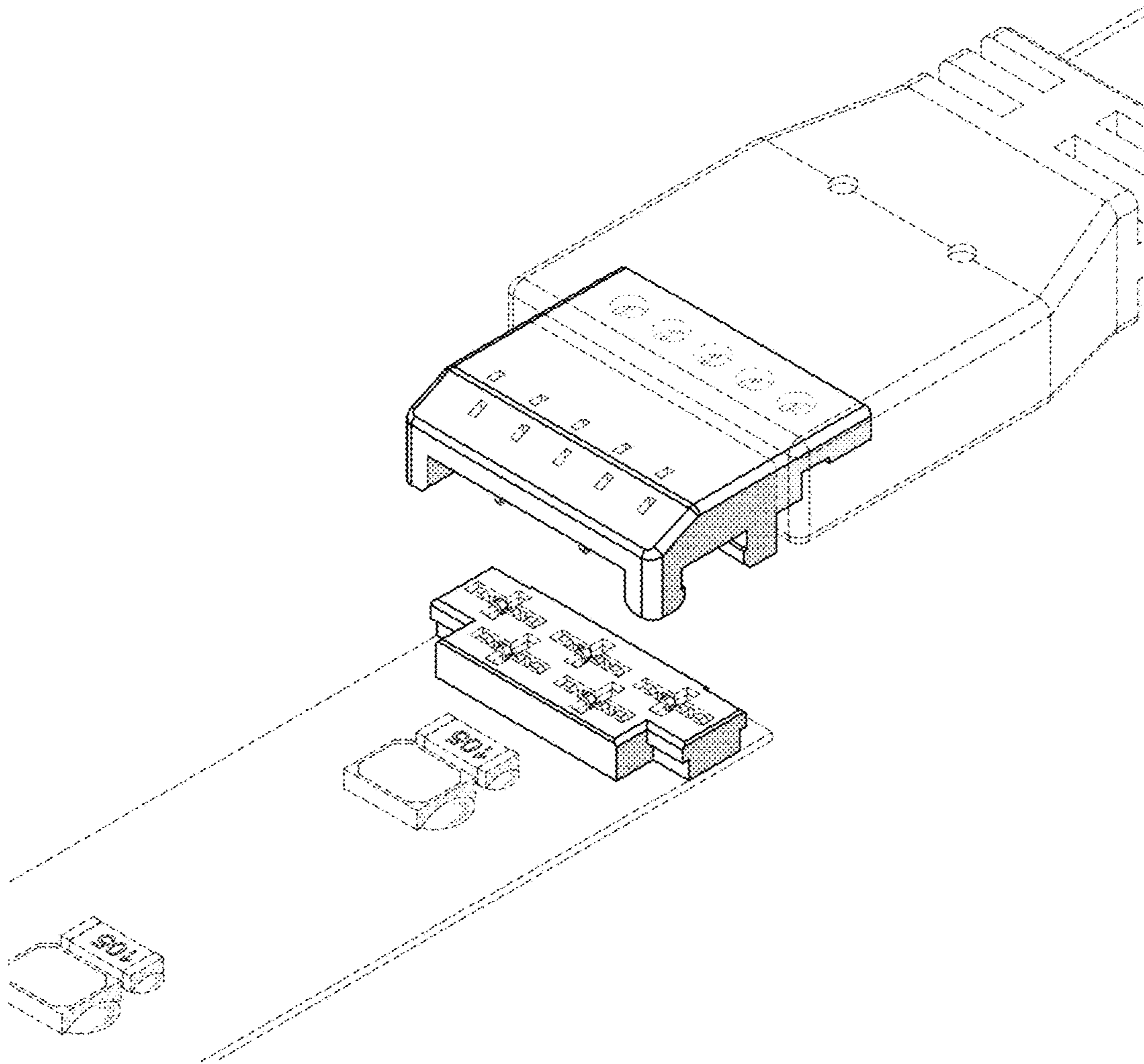


FIG. 19

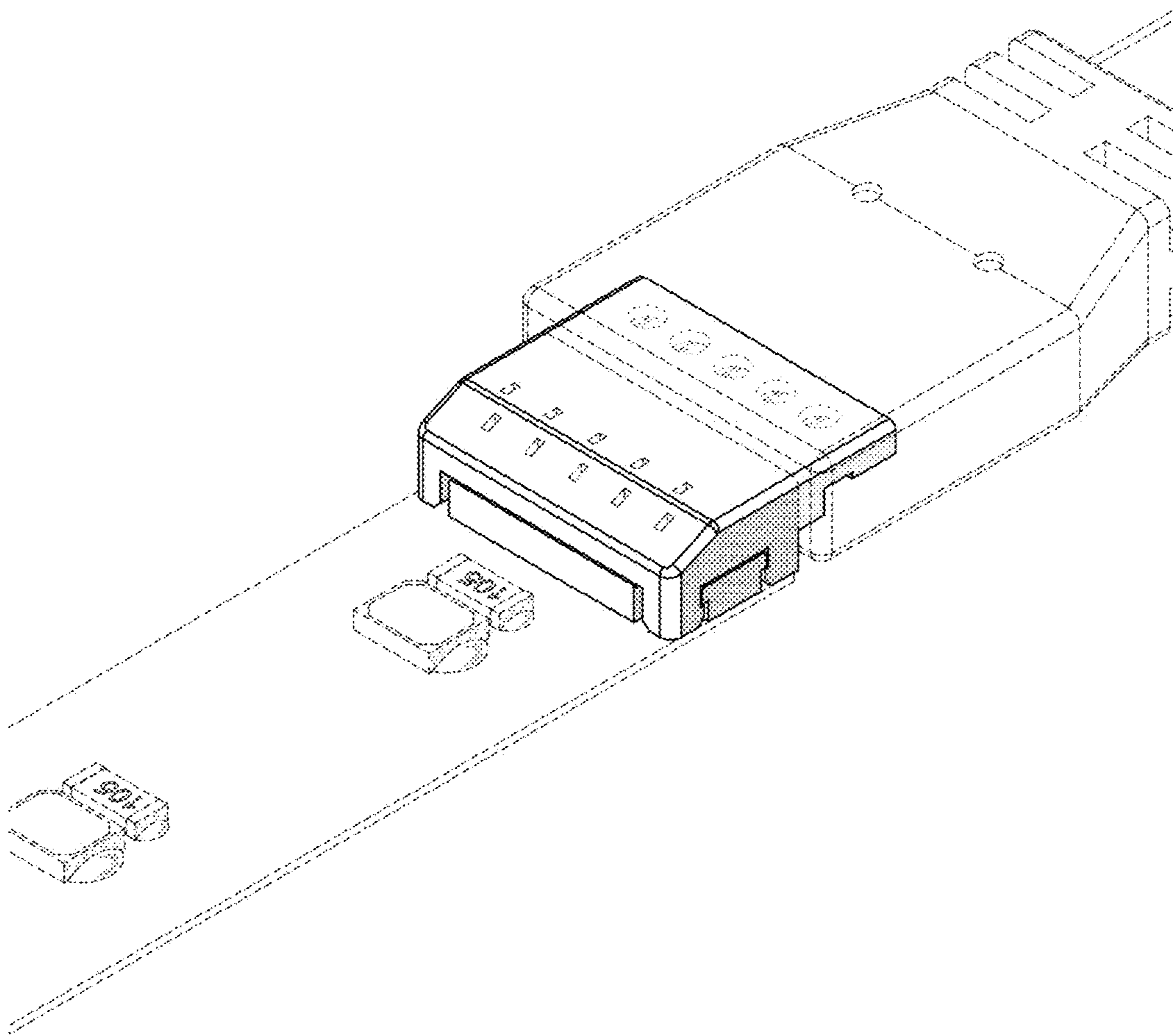


FIG. 20