



US00D791707S

(12) **United States Design Patent** (10) **Patent No.:** **US D791,707 S**
Li et al. (45) **Date of Patent:** **** Jul. 11, 2017**

(54) **CONNECTOR HOUSING**

(71) Applicant: **Molex, LLC**, Lisle, IL (US)

(72) Inventors: **Dixon Li**, Shanghai (CN); **Anson Yin**, Shanghai (CN)

(73) Assignee: **Molex, LLC**, Lisle, IL (US)

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

(21) Appl. No.: **29/563,138**

(22) Filed: **May 2, 2016**

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

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

(58) **Field of Classification Search**
USPC D13/133, 146, 147, 154, 155, 156, 184, D13/199

(Continued)

(56) **References Cited**

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Primary Examiner — Daniel Bui

(74) *Attorney, Agent, or Firm* — Banner & Witcoff, Ltd.

(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a front perspective view of a connector housing showing a first embodiment of our new design;

FIG. 2 is a top view thereof;
FIG. 3 is a bottom view thereof;
FIG. 4 is a right side view thereof;
FIG. 5 is a left side view thereof;
FIG. 6 is a front view thereof;
FIG. 7 is a rear view thereof;
FIG. 8 is a front perspective view of a connector housing showing a second embodiment of our new design;
FIG. 9 is a top view thereof;
FIG. 10 is a bottom view thereof;
FIG. 11 is a right side view thereof;
FIG. 12 is a left side view thereof;
FIG. 13 is a front view thereof;
FIG. 14 is a rear view thereof;
FIG. 15 is a front perspective view of a connector housing showing a third embodiment of our new design;
FIG. 16 is a top view thereof;
FIG. 17 is a bottom view thereof;
FIG. 18 is a right side view thereof;
FIG. 19 is a left side view thereof;
FIG. 20 is a front view thereof;
FIG. 21 is a rear view thereof;
FIG. 22 is a front perspective view of a connector housing showing a fourth embodiment of our new design;
FIG. 23 is a top view thereof;
FIG. 24 is a bottom view thereof;
FIG. 25 is a right side view thereof;
FIG. 26 is a left side view thereof;
FIG. 27 is a front view thereof;
FIG. 28 is a rear view thereof;
FIG. 29 is a front perspective view of a connector housing showing a fifth embodiment of our new design;
FIG. 30 is a top view thereof;
FIG. 31 is a bottom view thereof;
FIG. 32 is a right side view thereof;
FIG. 33 is a left side view thereof;
FIG. 34 is a front view thereof;
FIG. 35 is a rear view thereof;
FIG. 36 is a front perspective view of a connector housing showing a sixth embodiment of our new design;
FIG. 37 is a top view thereof;
FIG. 38 is a bottom view thereof;
FIG. 39 is a right side view thereof;
FIG. 40 is a left side view thereof;

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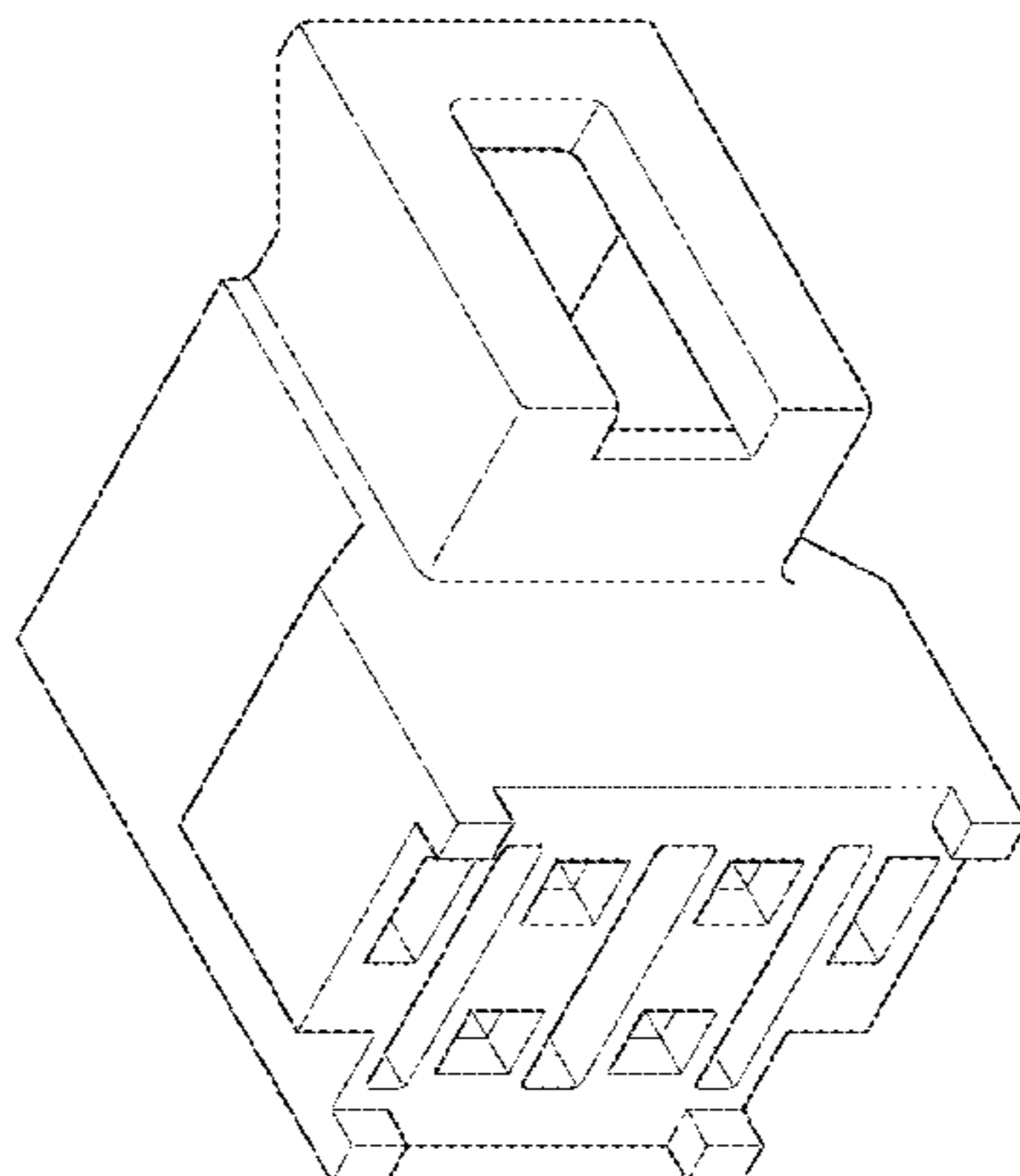


FIG. 41 is a front view thereof;
FIG. 42 is a rear view thereof;
FIG. 43 is a front perspective view of a connector housing showing a seventh embodiment of our new design;
FIG. 44 is a top view thereof;
FIG. 45 is a bottom view thereof;
FIG. 46 is a right side view thereof;
FIG. 47 is a left side view thereof;
FIG. 48 is a front view thereof; and,
FIG. 49 is a rear view thereof.
The connector housing in each embodiment is symmetrical about its longitudinal center plane.

1 Claim, 49 Drawing Sheets

(58) **Field of Classification Search**
CPC H01R 13/02; H01R 13/436; H01R 13/502;

H01R 13/504; H01R 13/506; H01R 13/514; H01R 13/5208; H01R 13/627; H01R 13/639; H01R 13/6581; H01R 24/20; H01R 24/28

See application file for complete search history.

(56)

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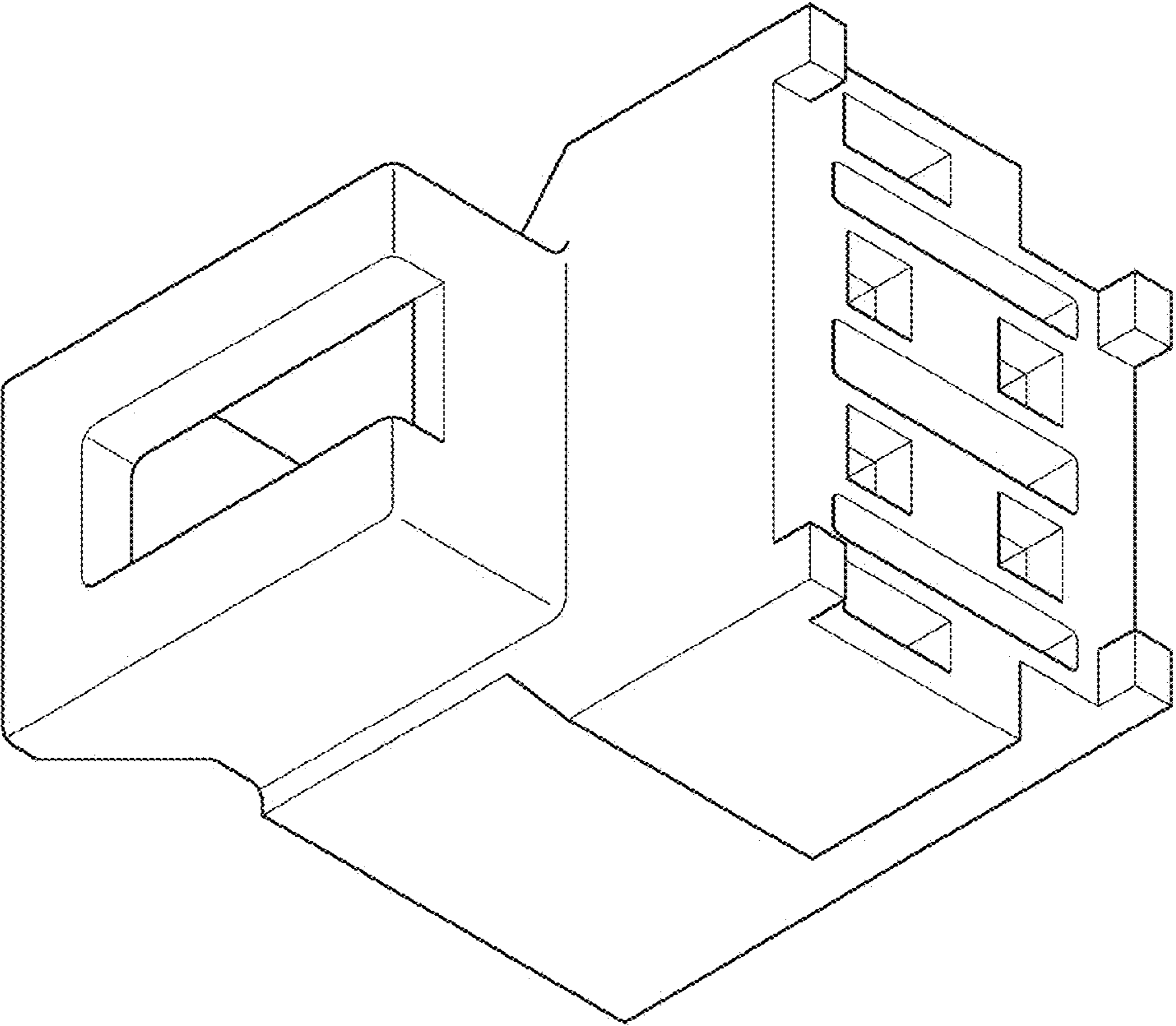


FIG. 1

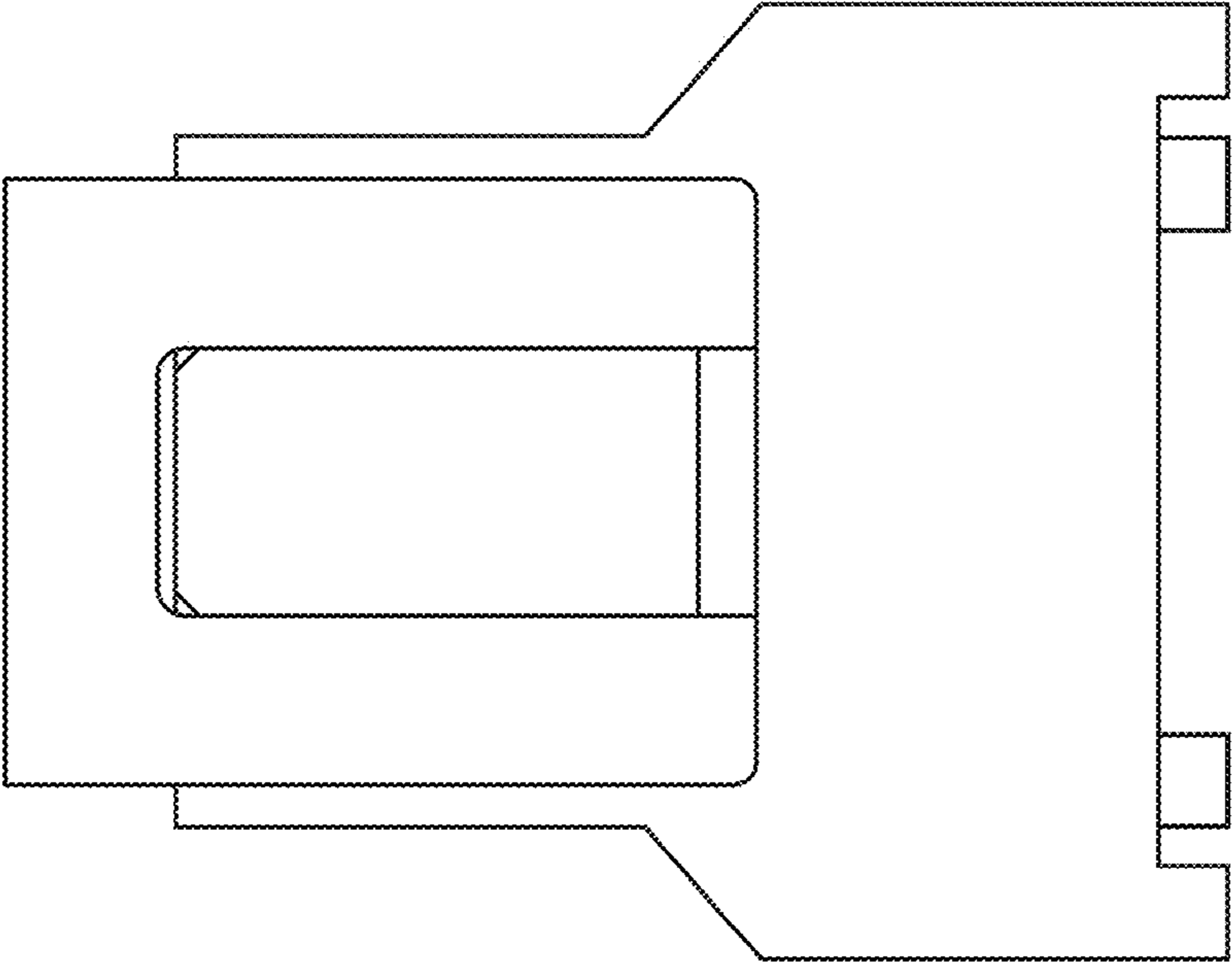


FIG. 2

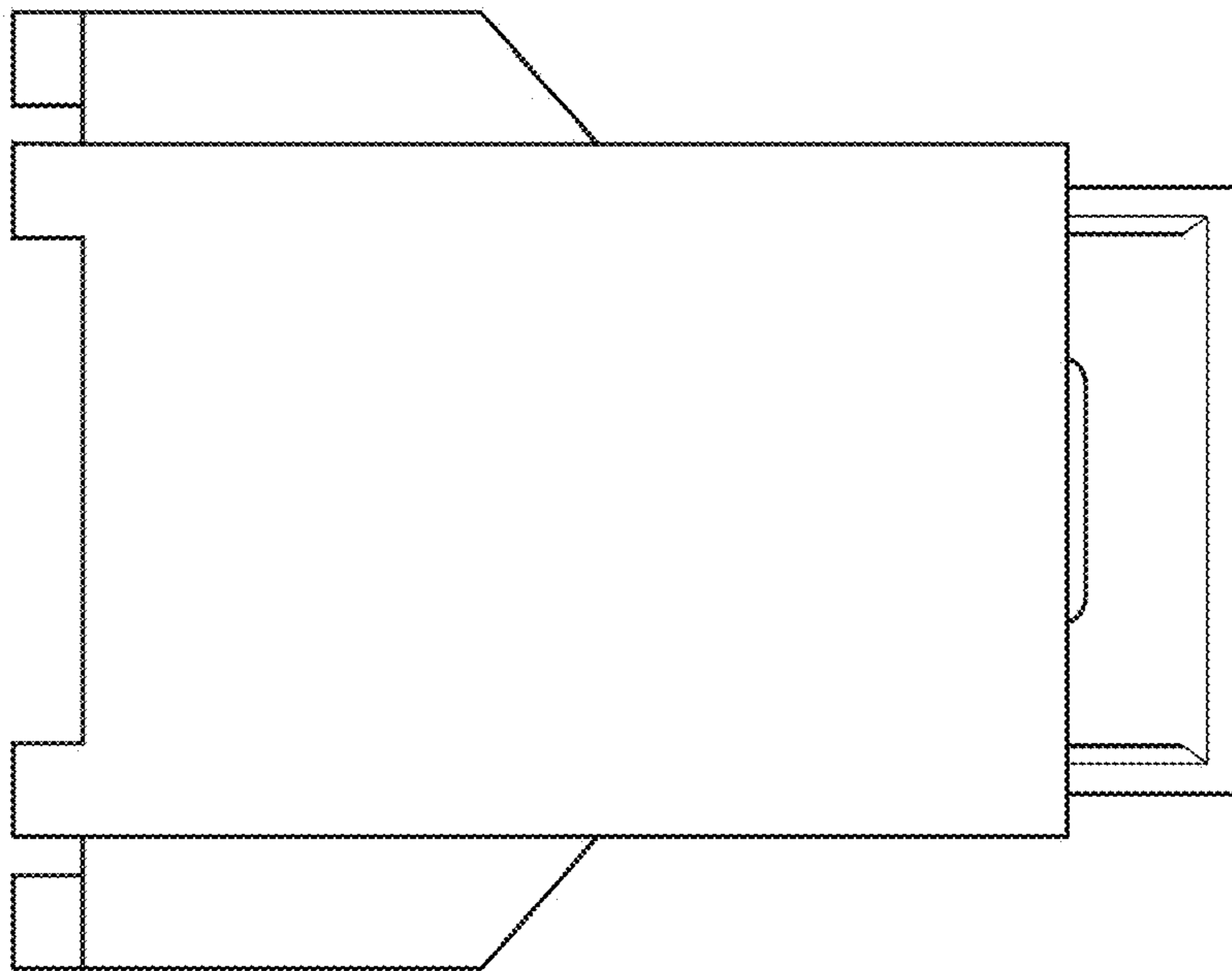


FIG. 3

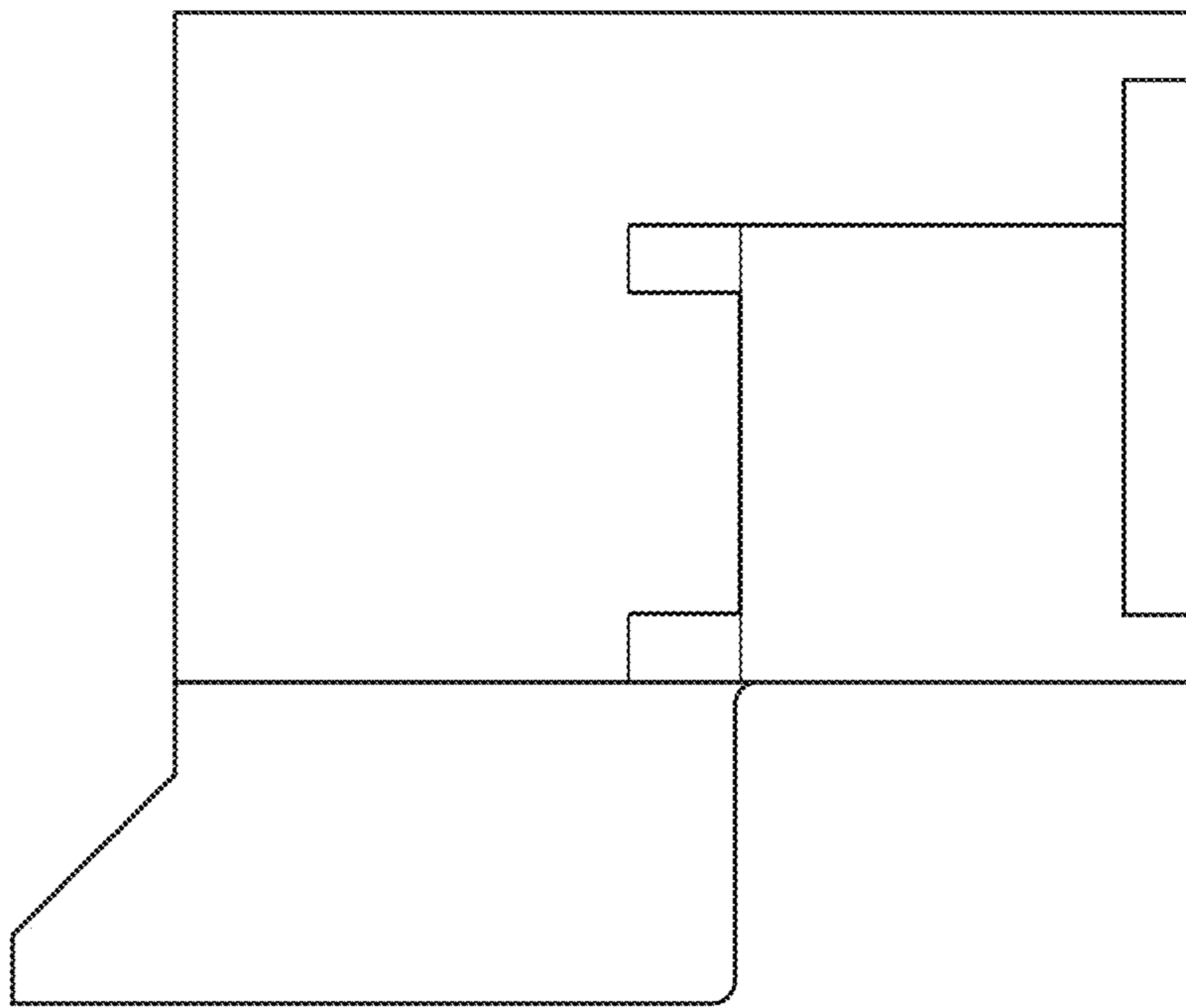


FIG. 4

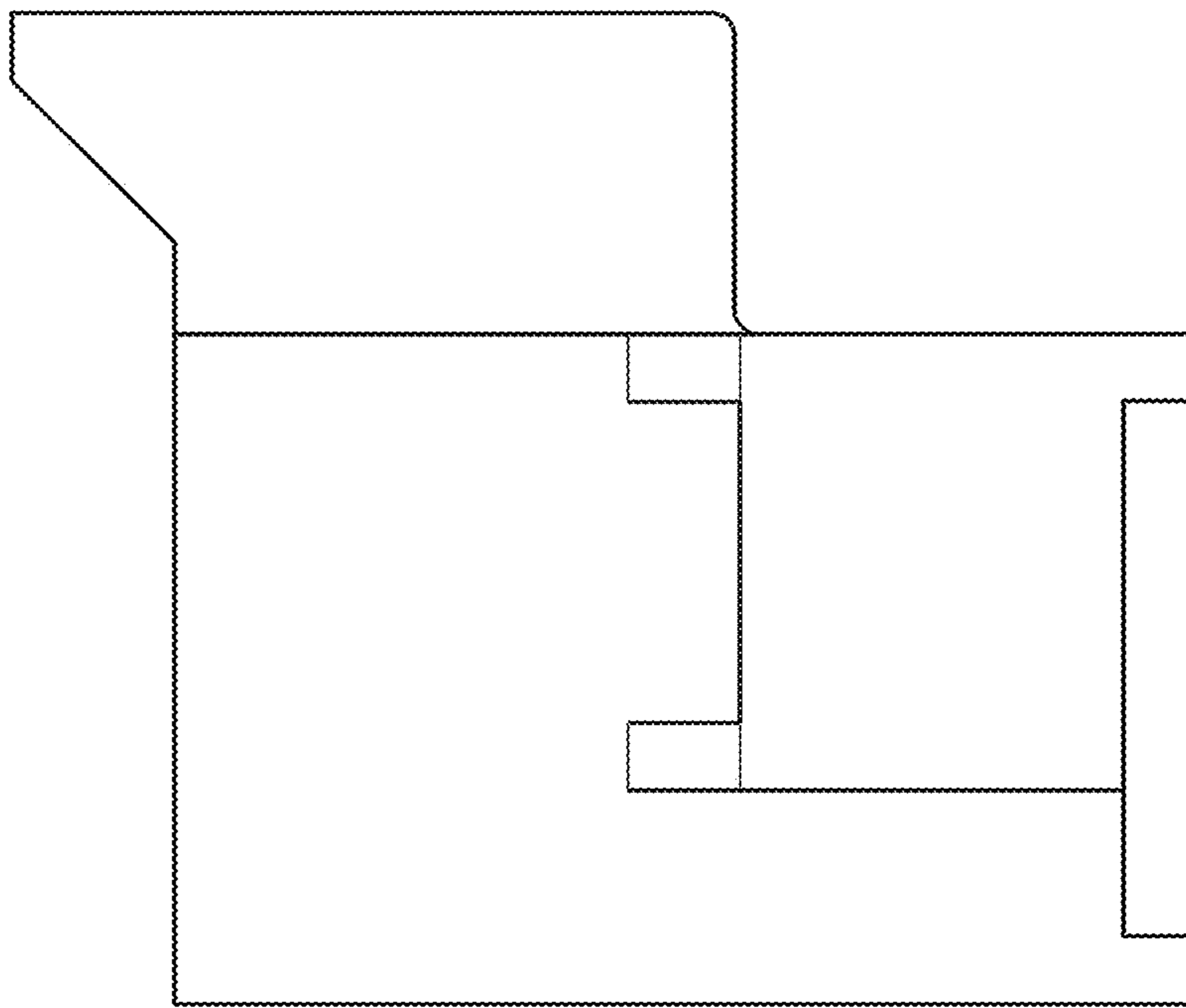


FIG. 5

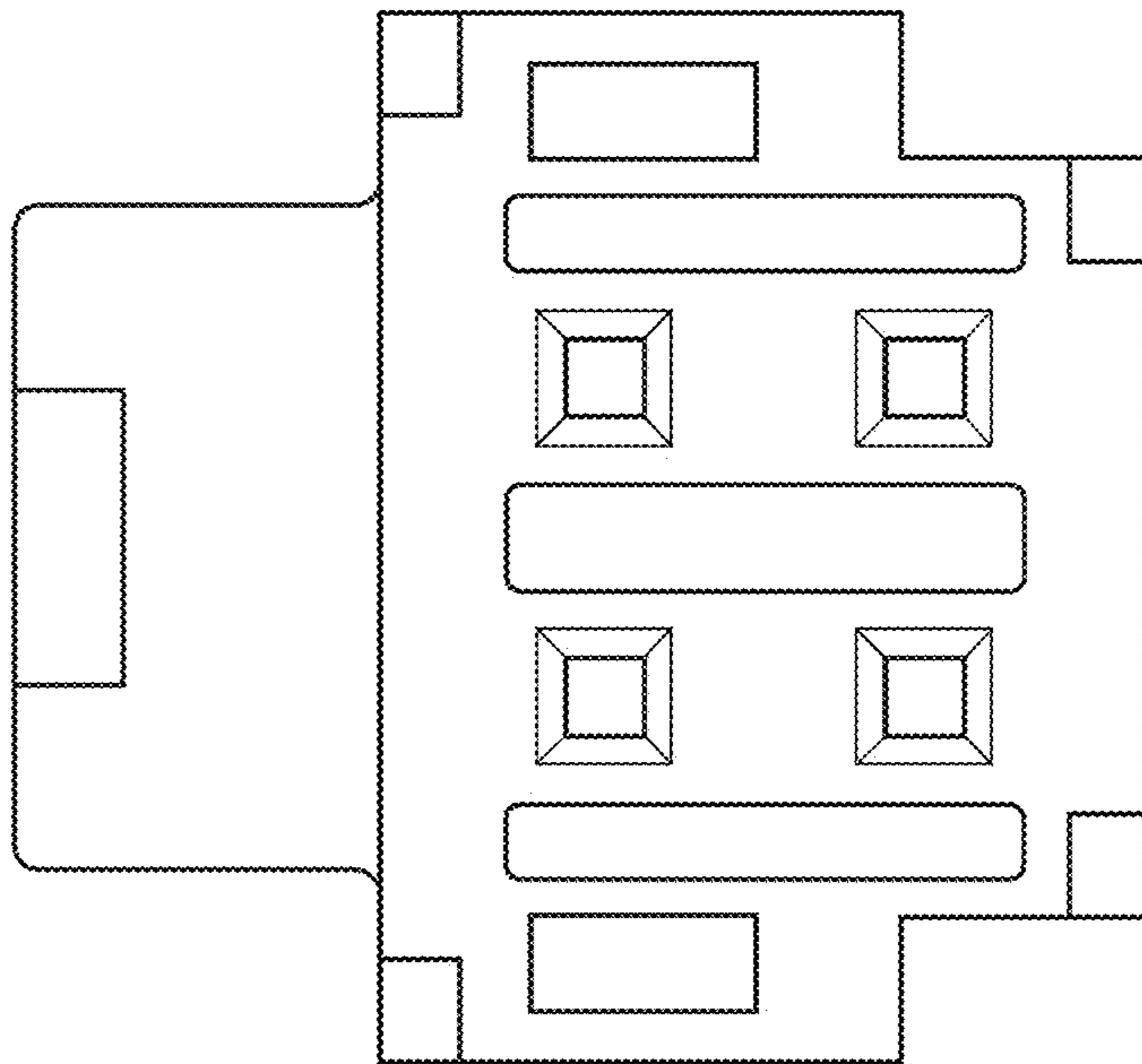


FIG. 6

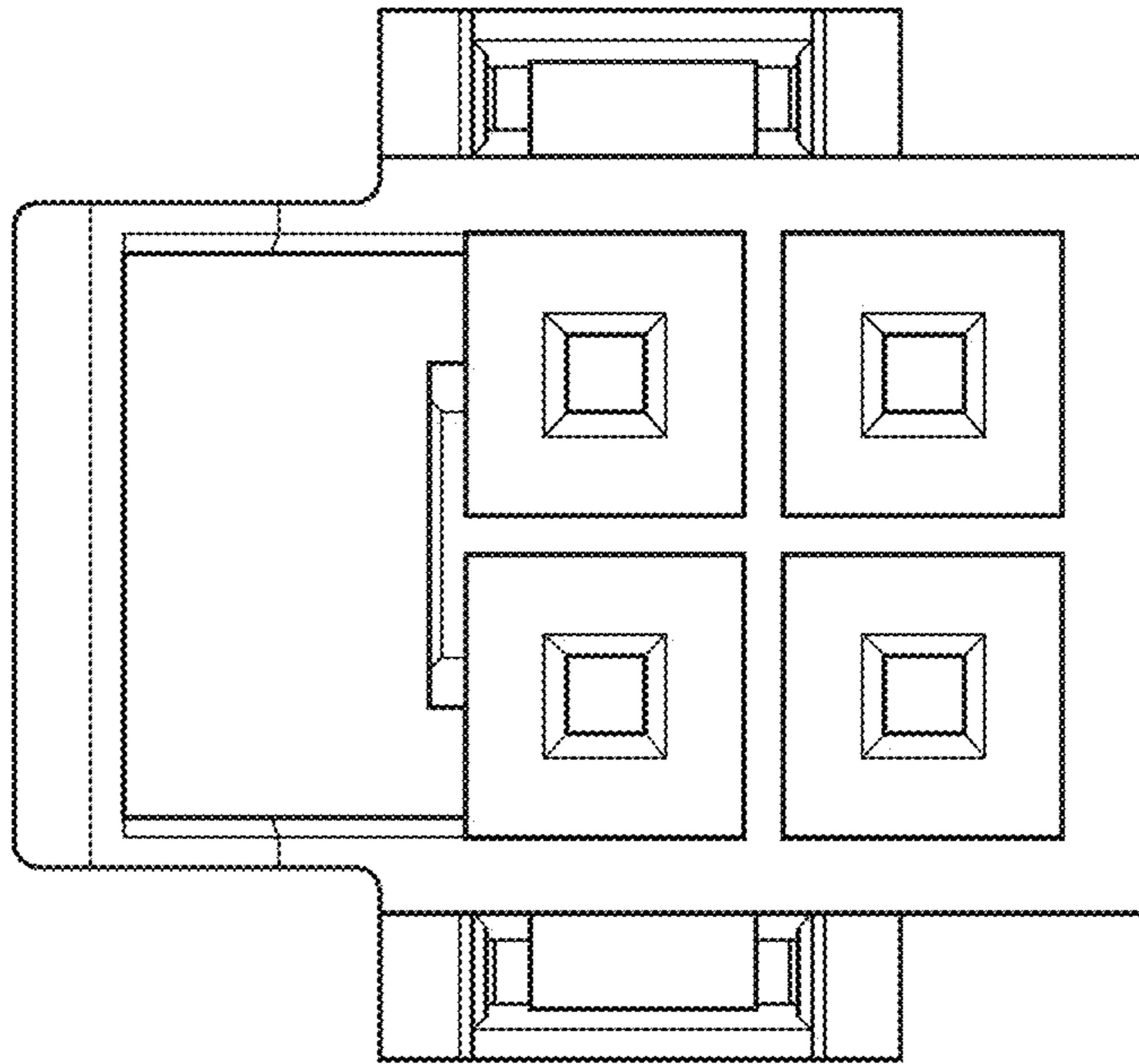


FIG. 7

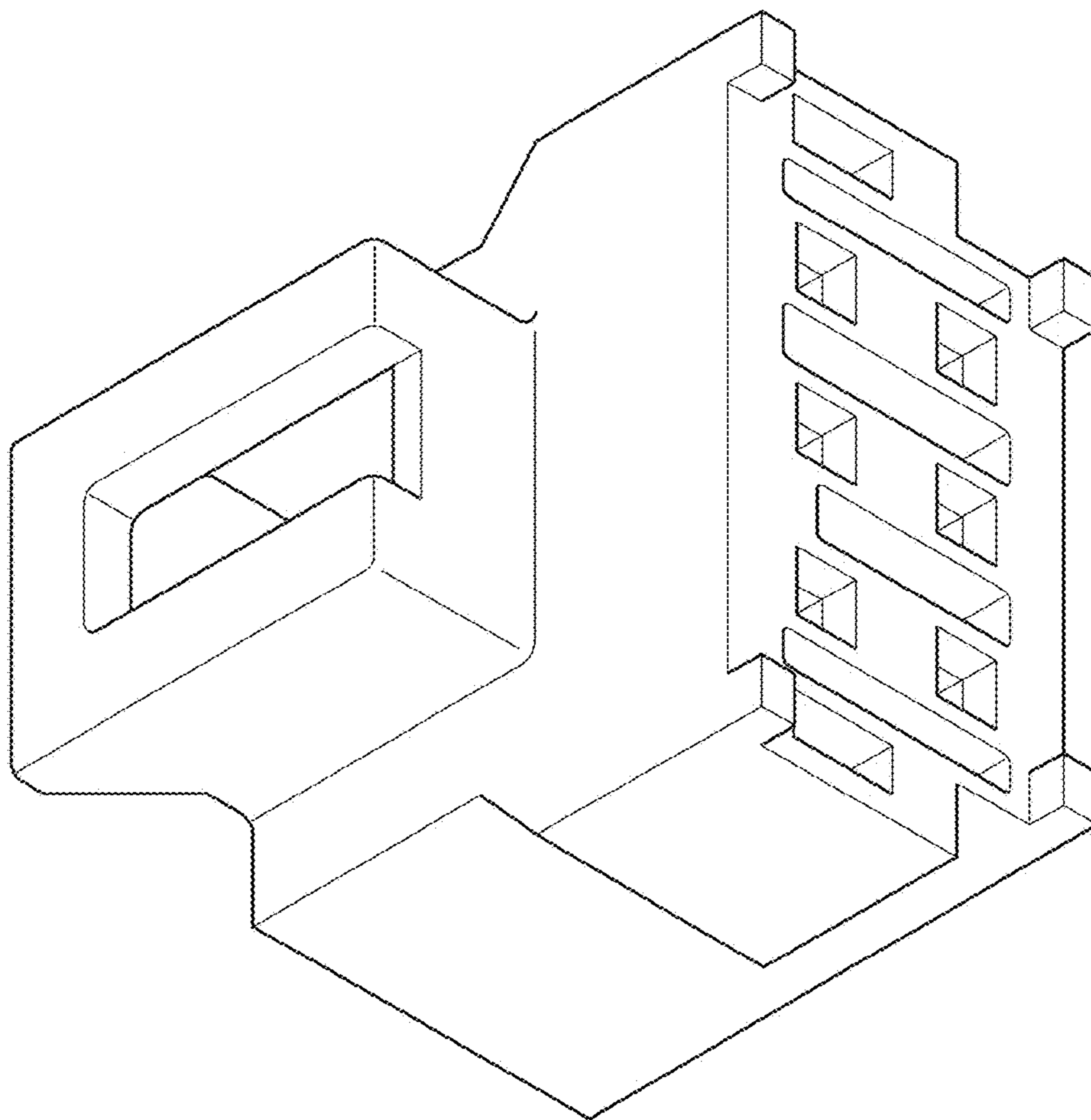


FIG. 8

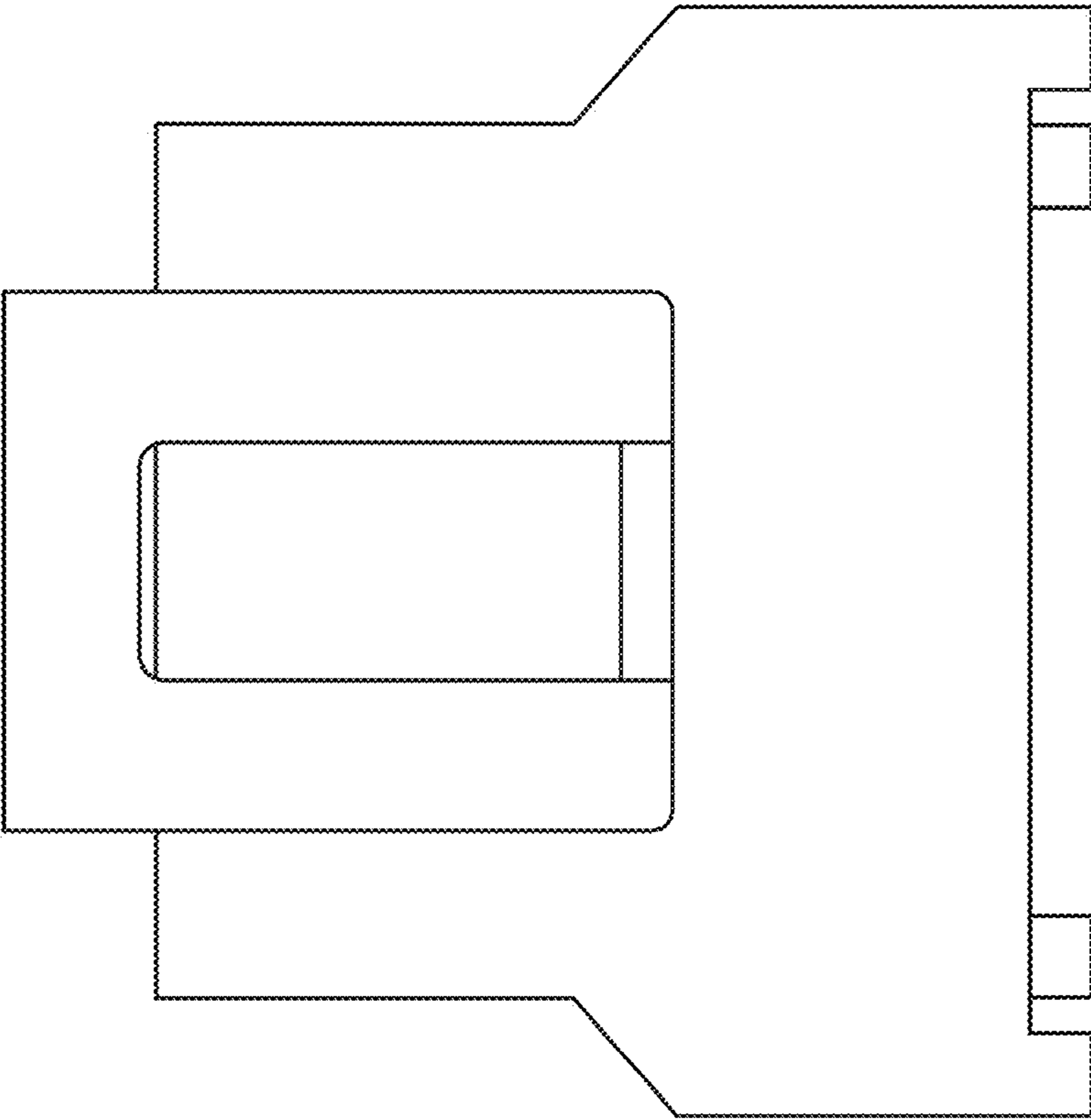


FIG. 9

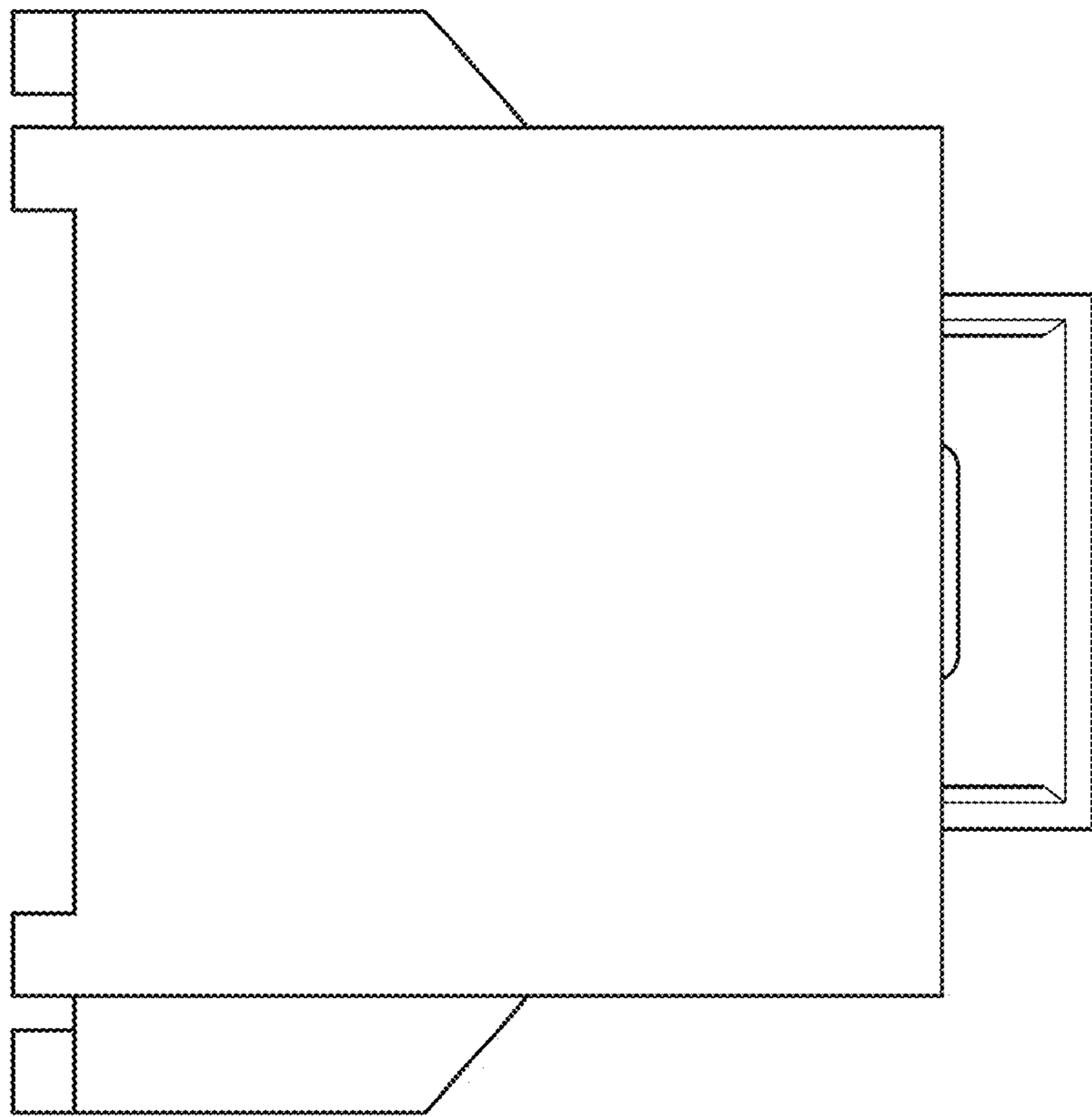


FIG. 10

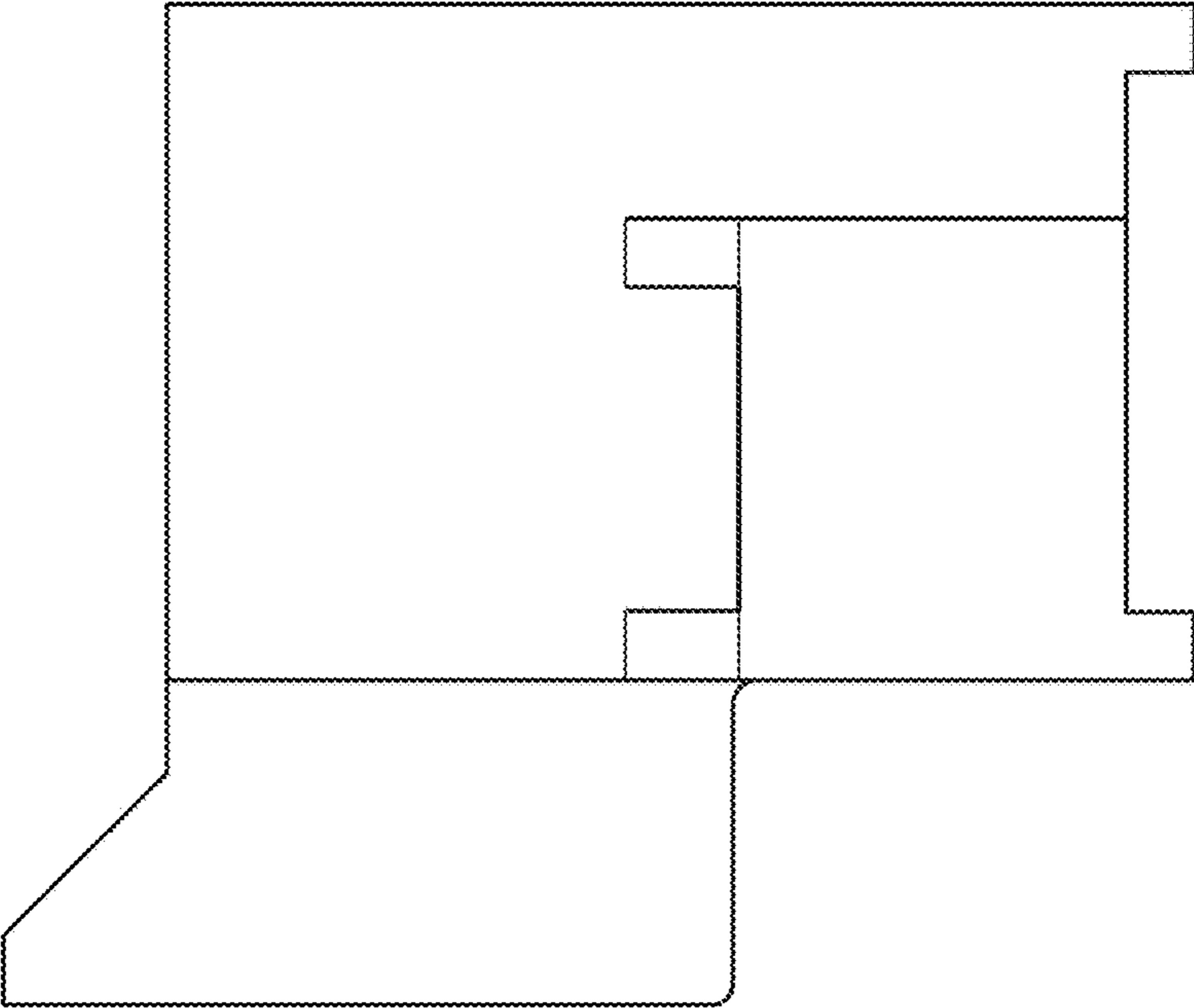


FIG. 11

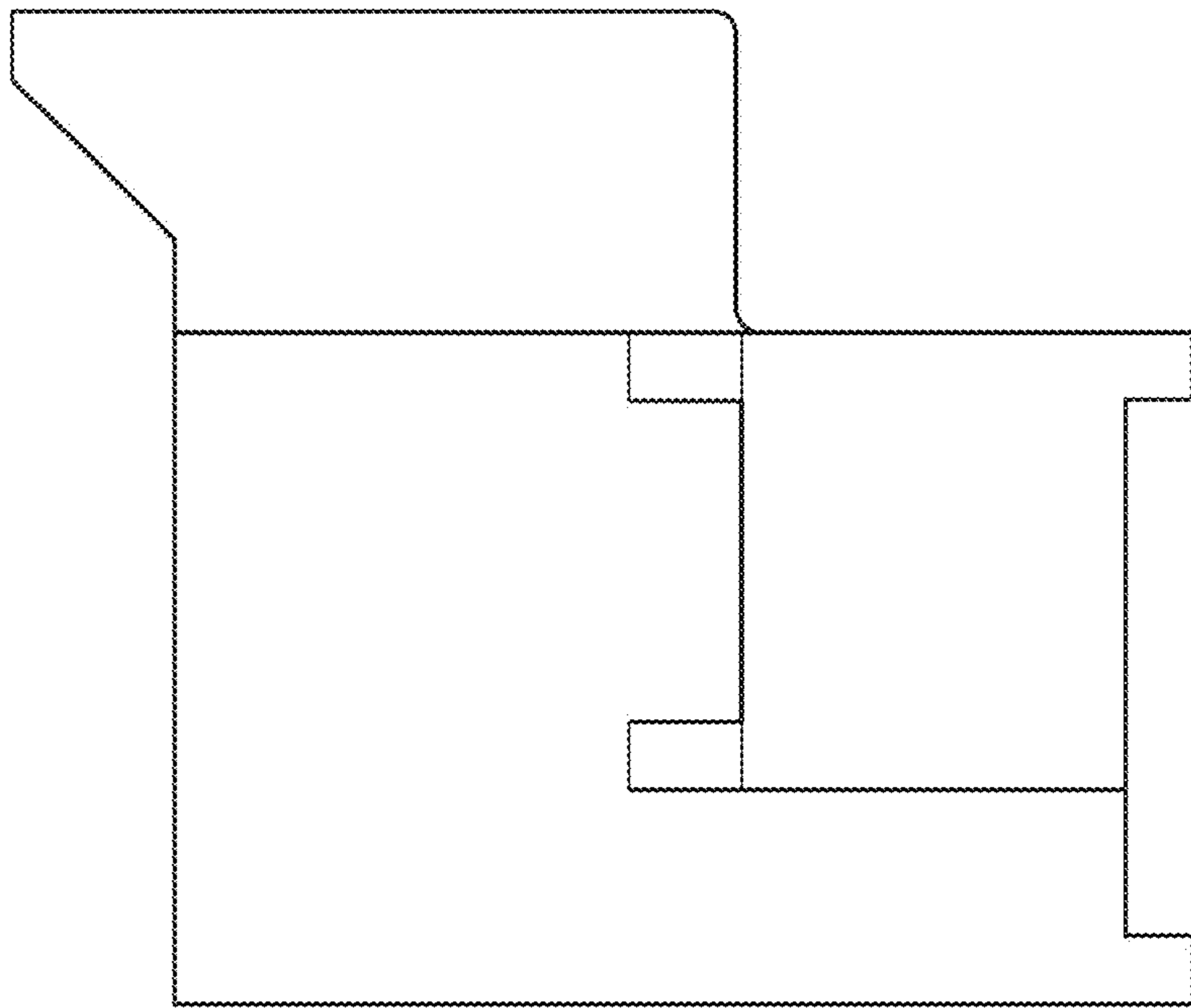


FIG. 12

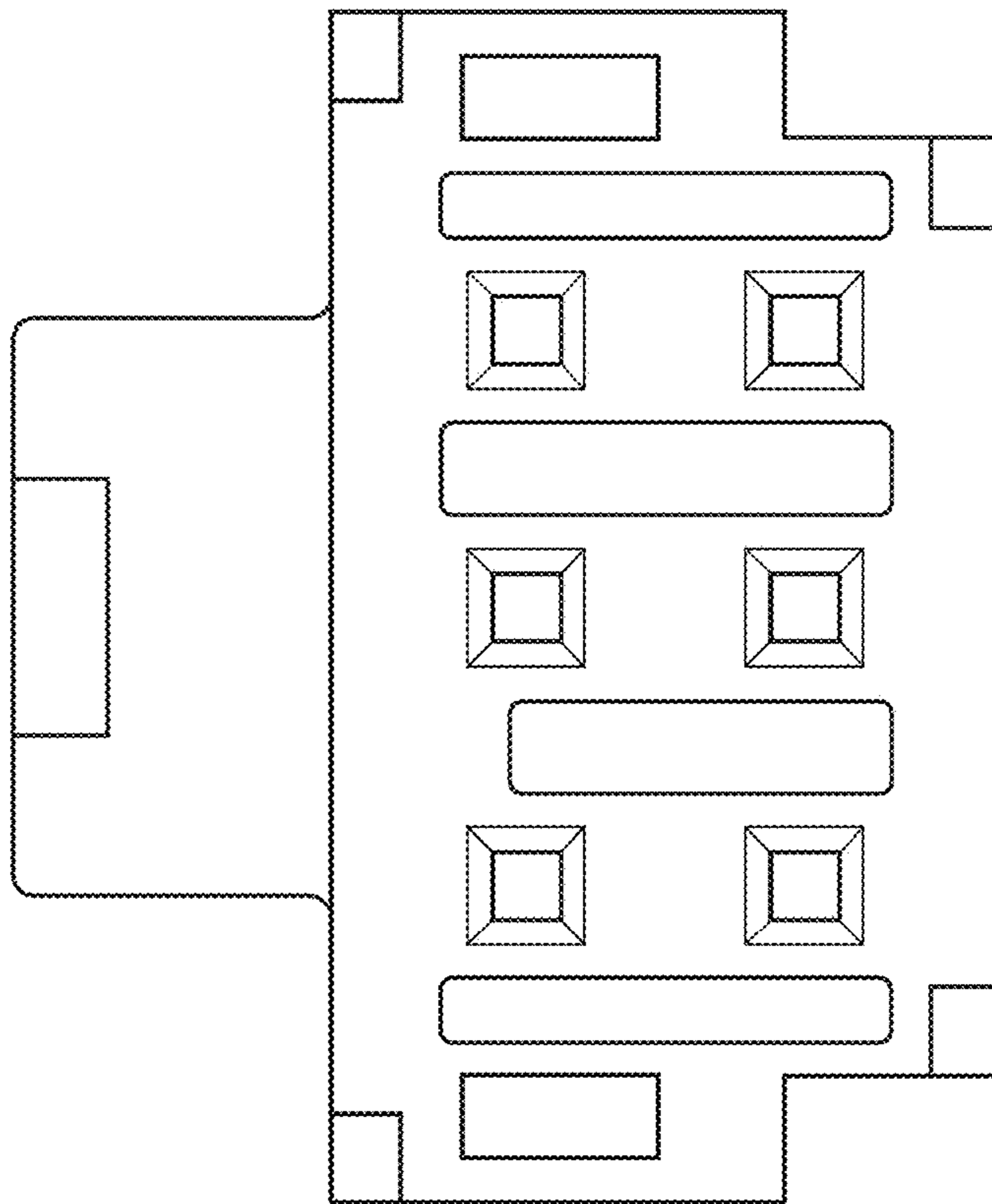


FIG. 13

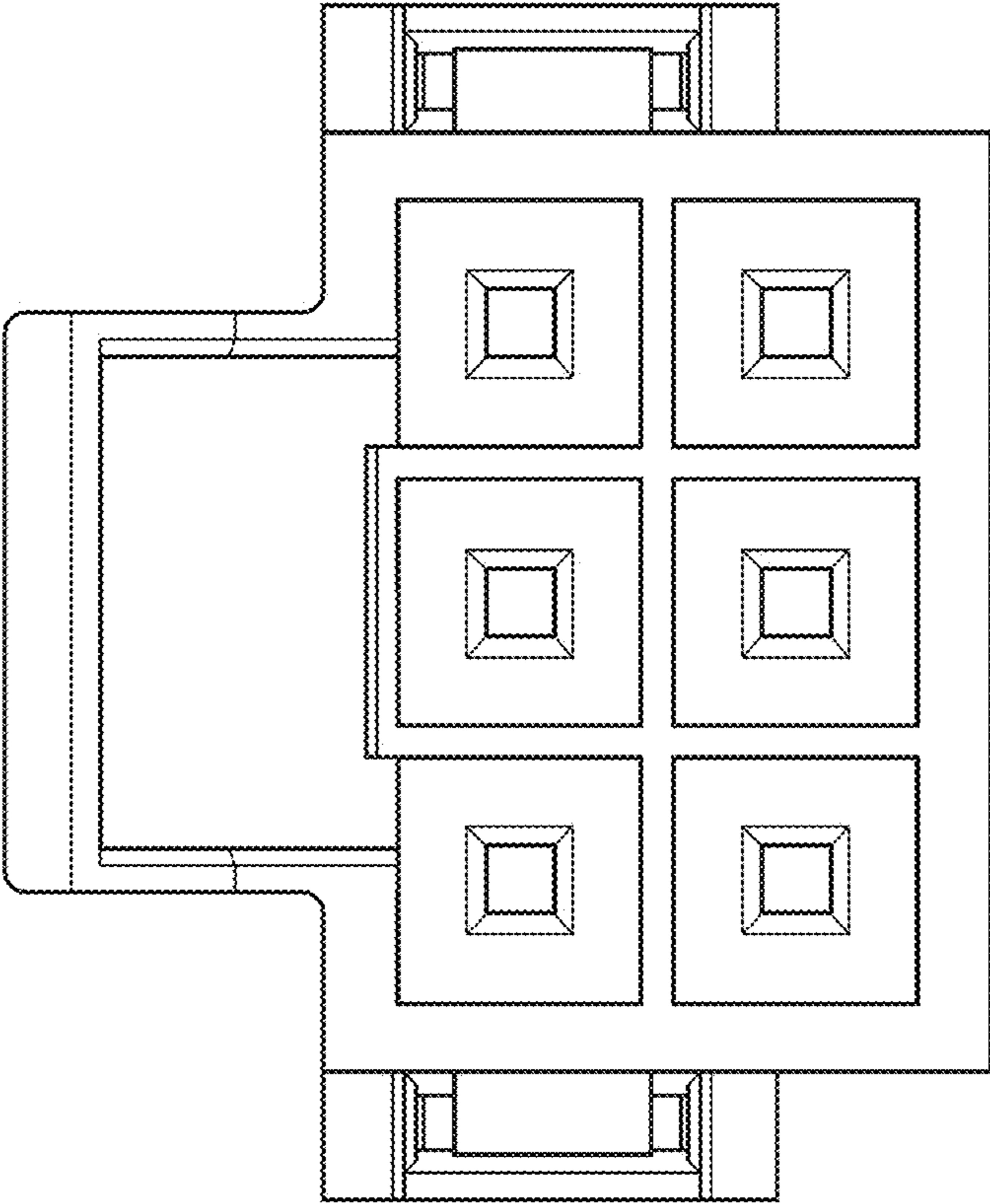


FIG. 14

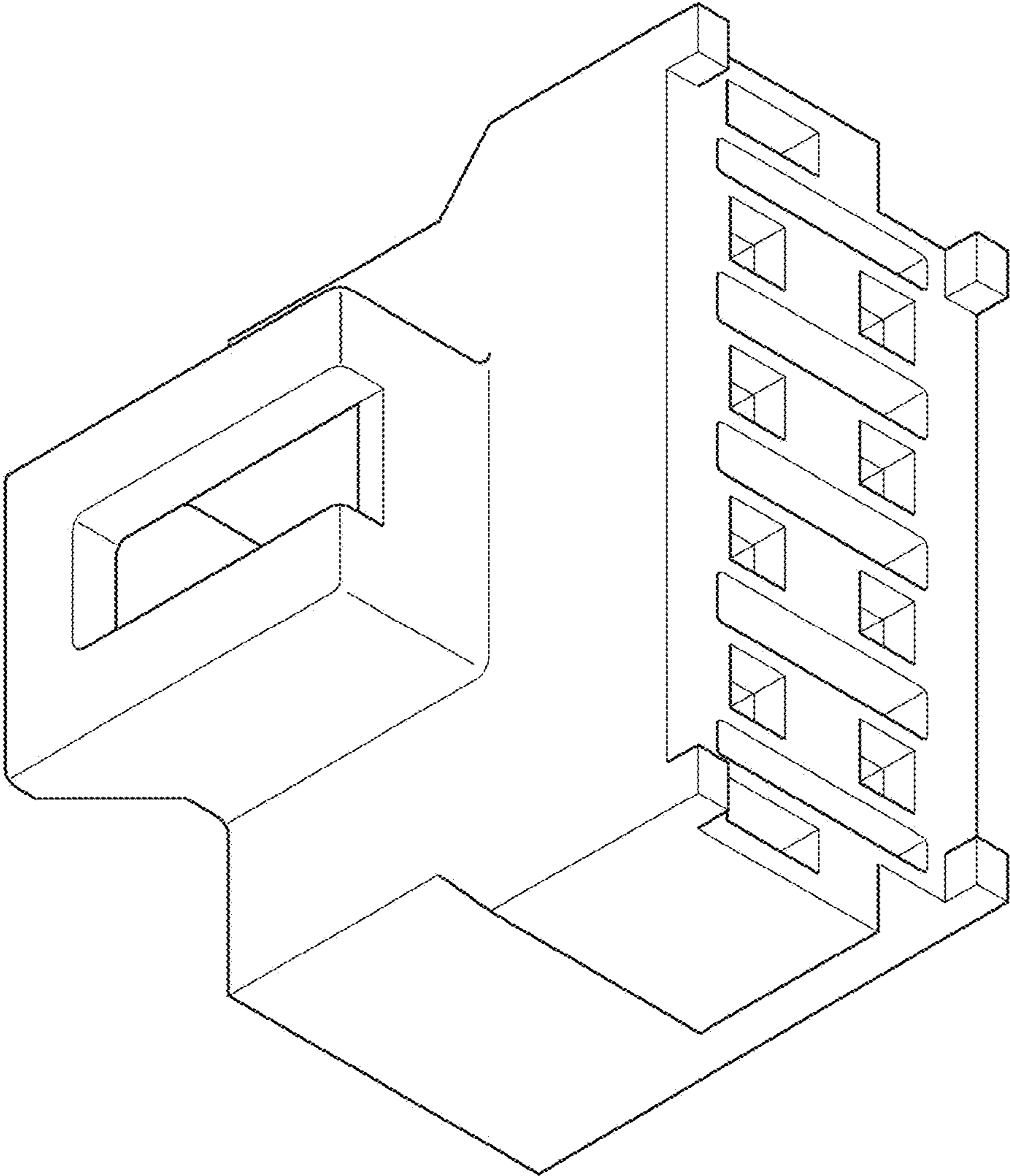


FIG. 15

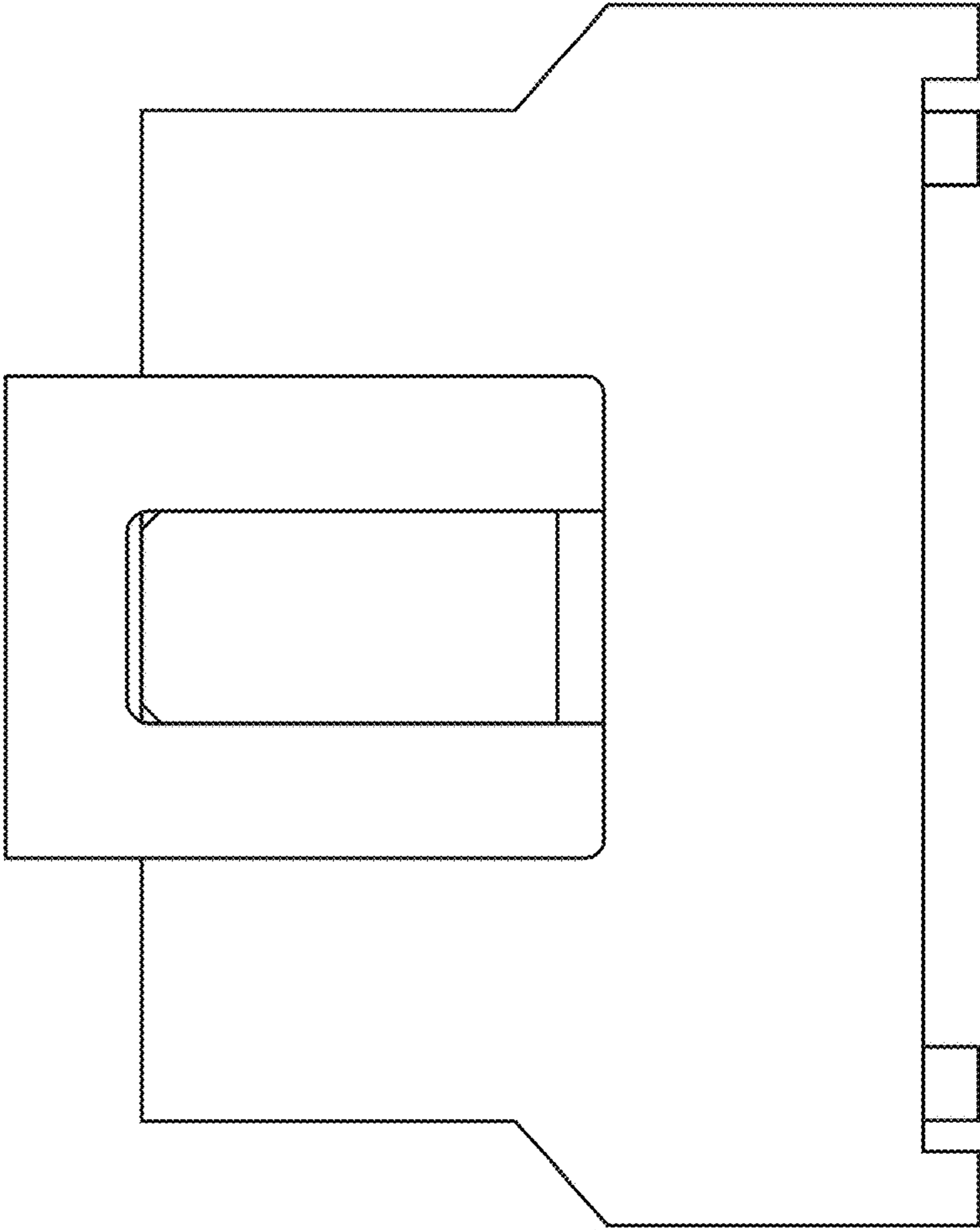


FIG. 16

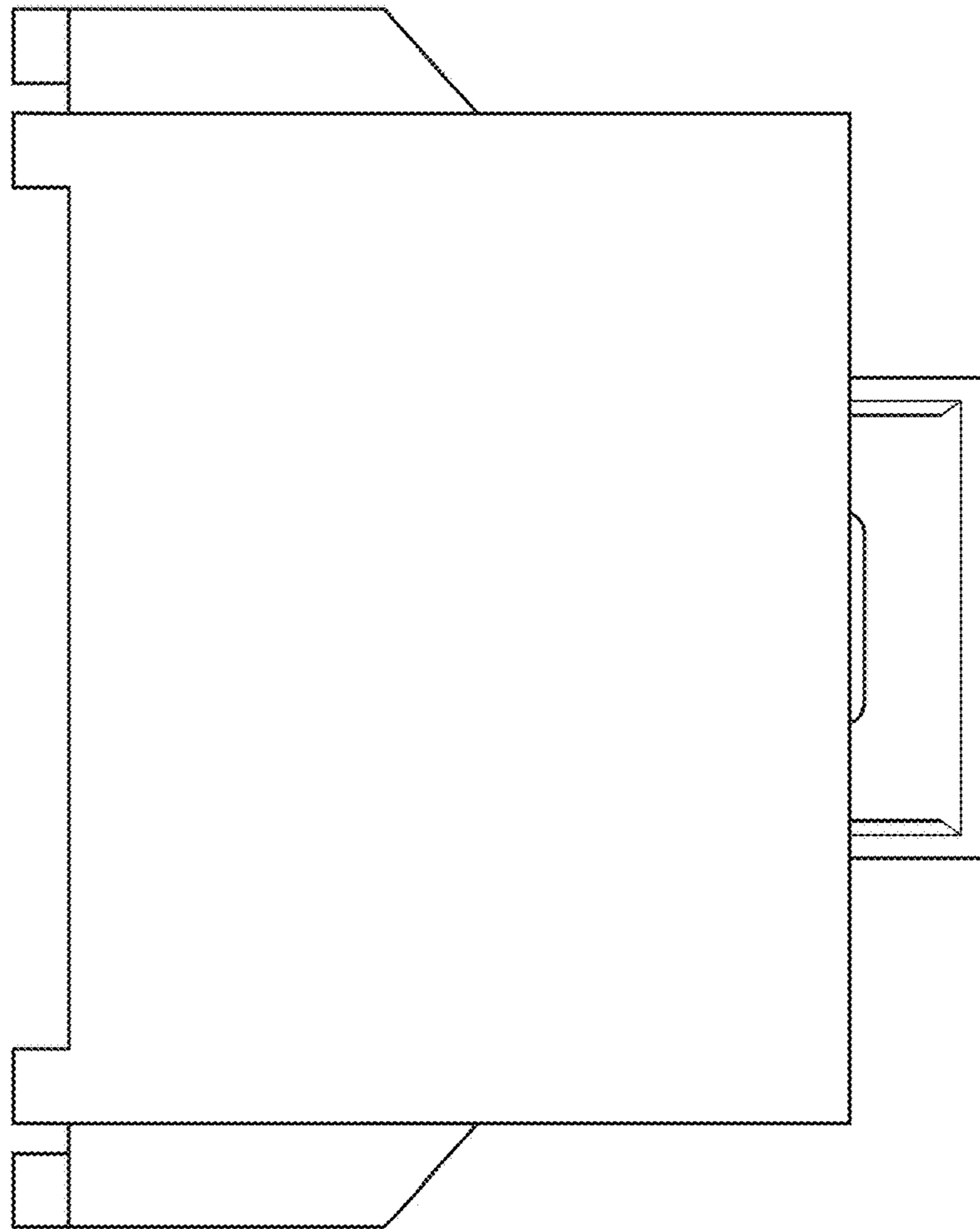


FIG. 17

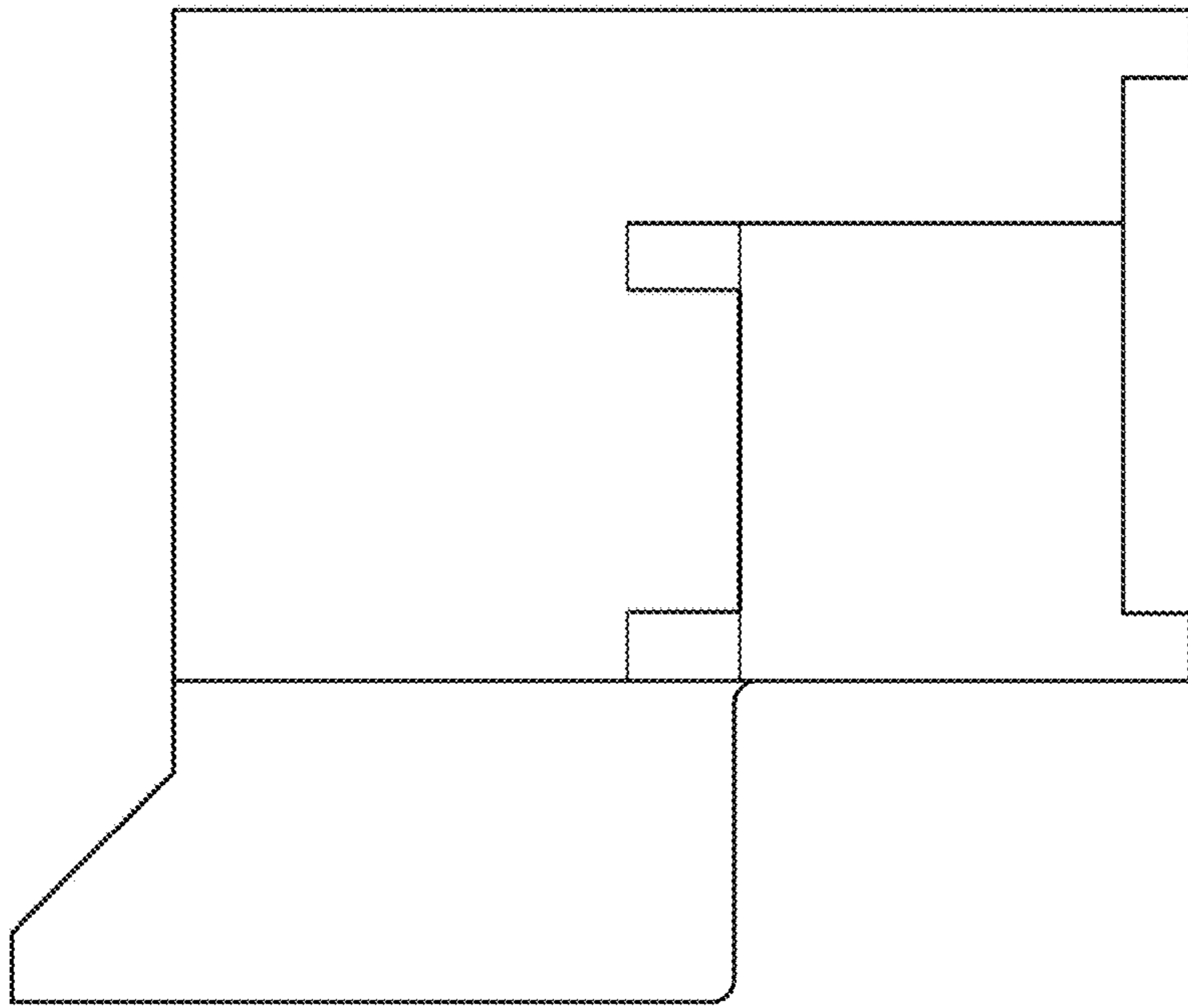


FIG. 18

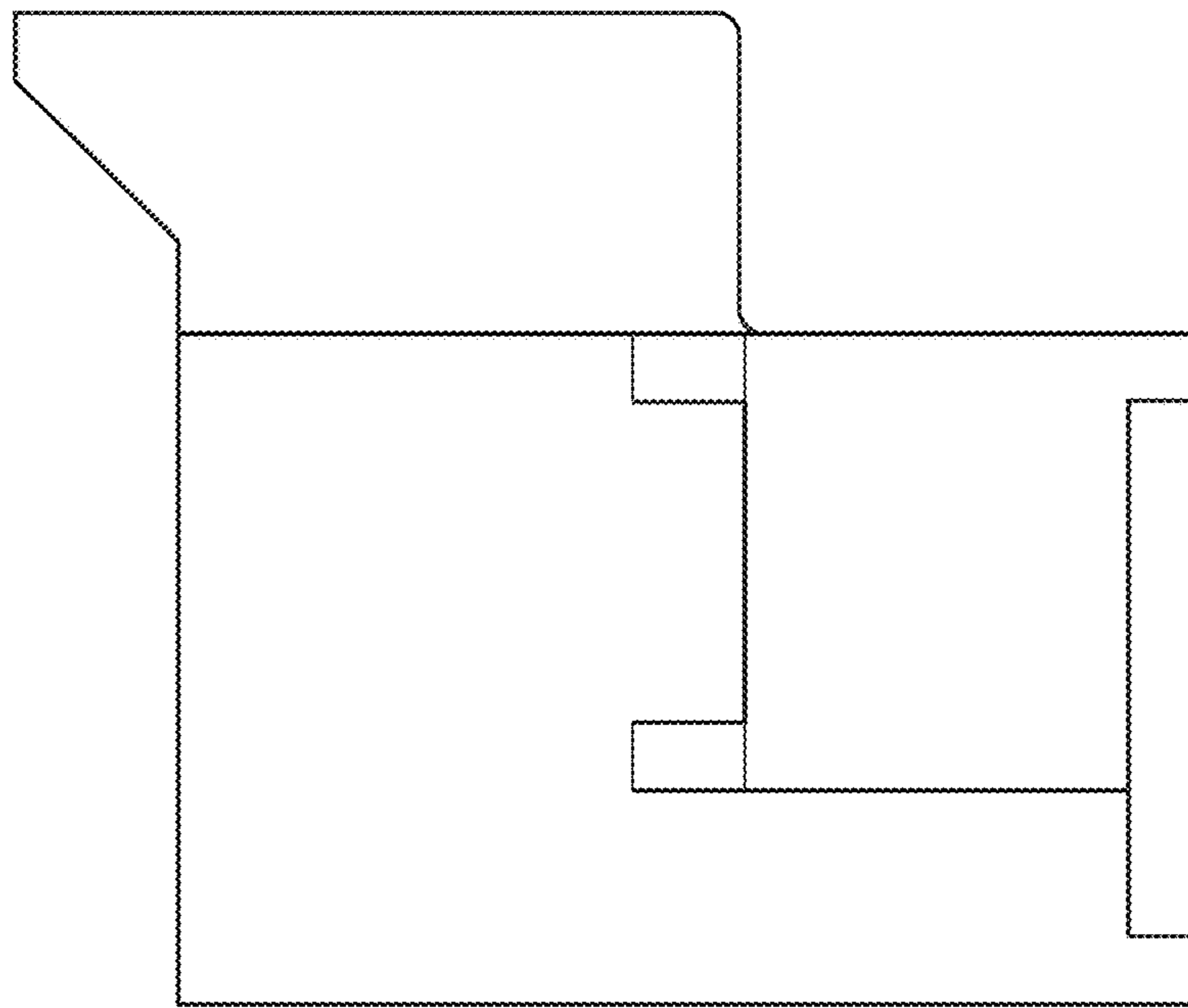


FIG. 19

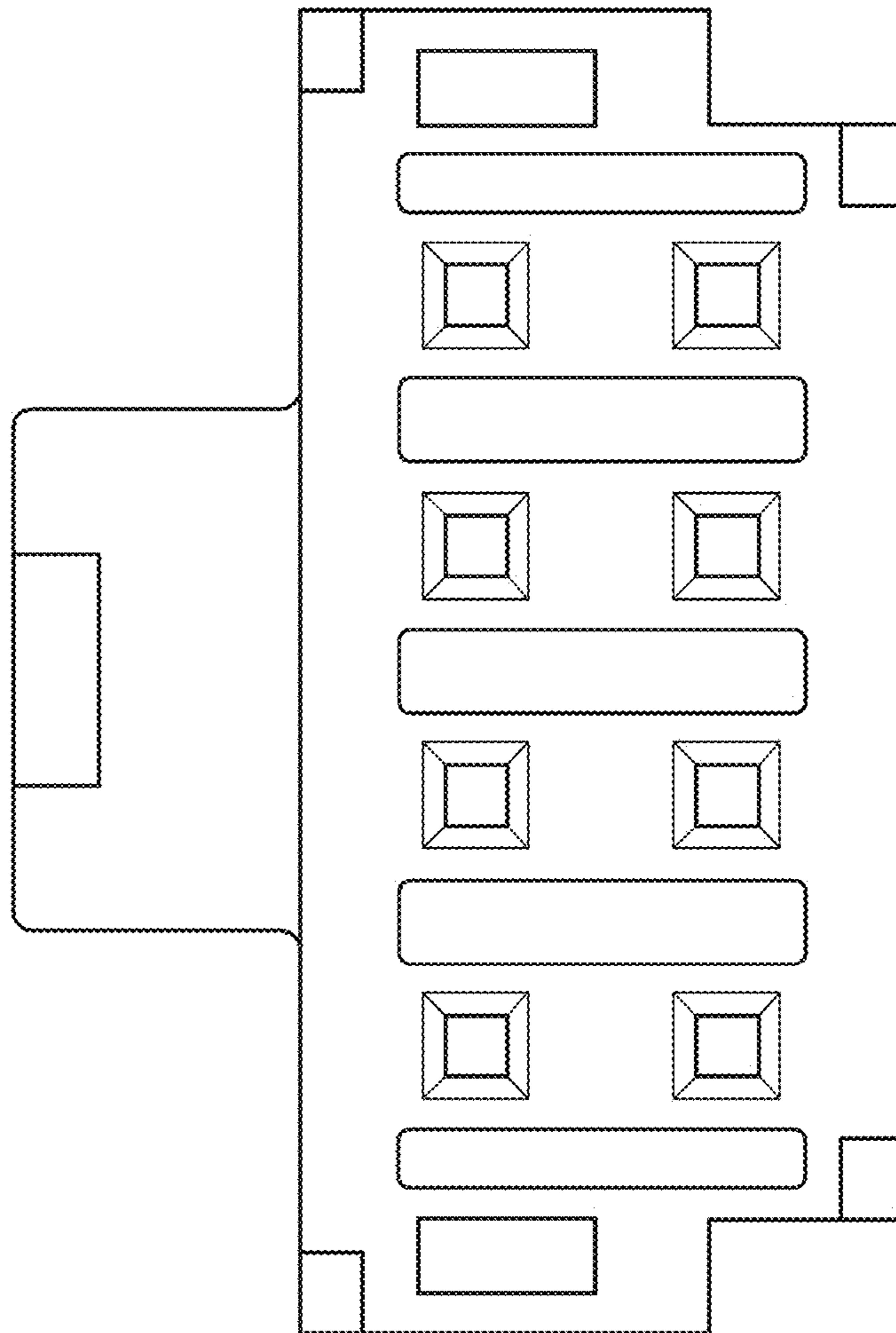


FIG. 20

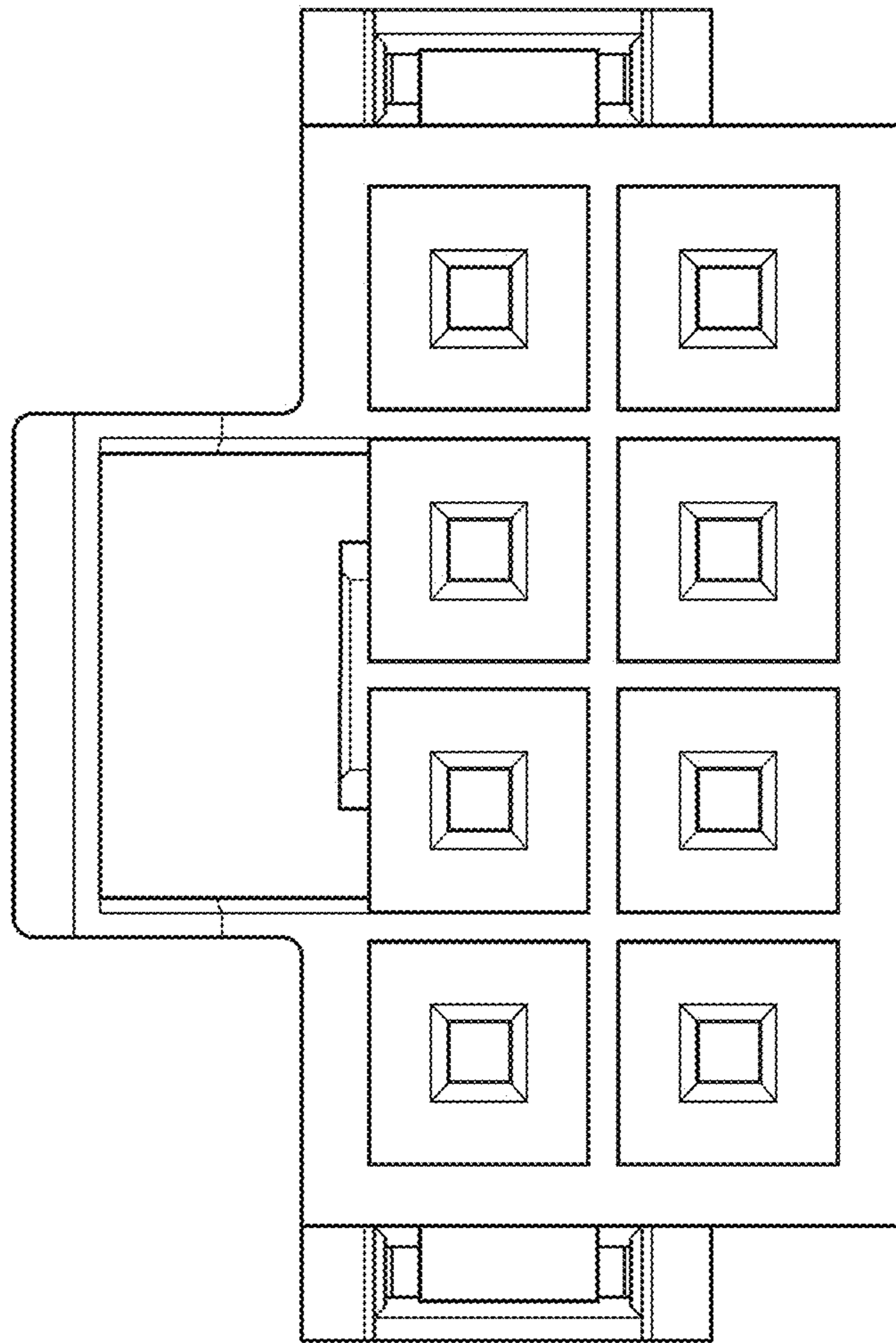


FIG. 21

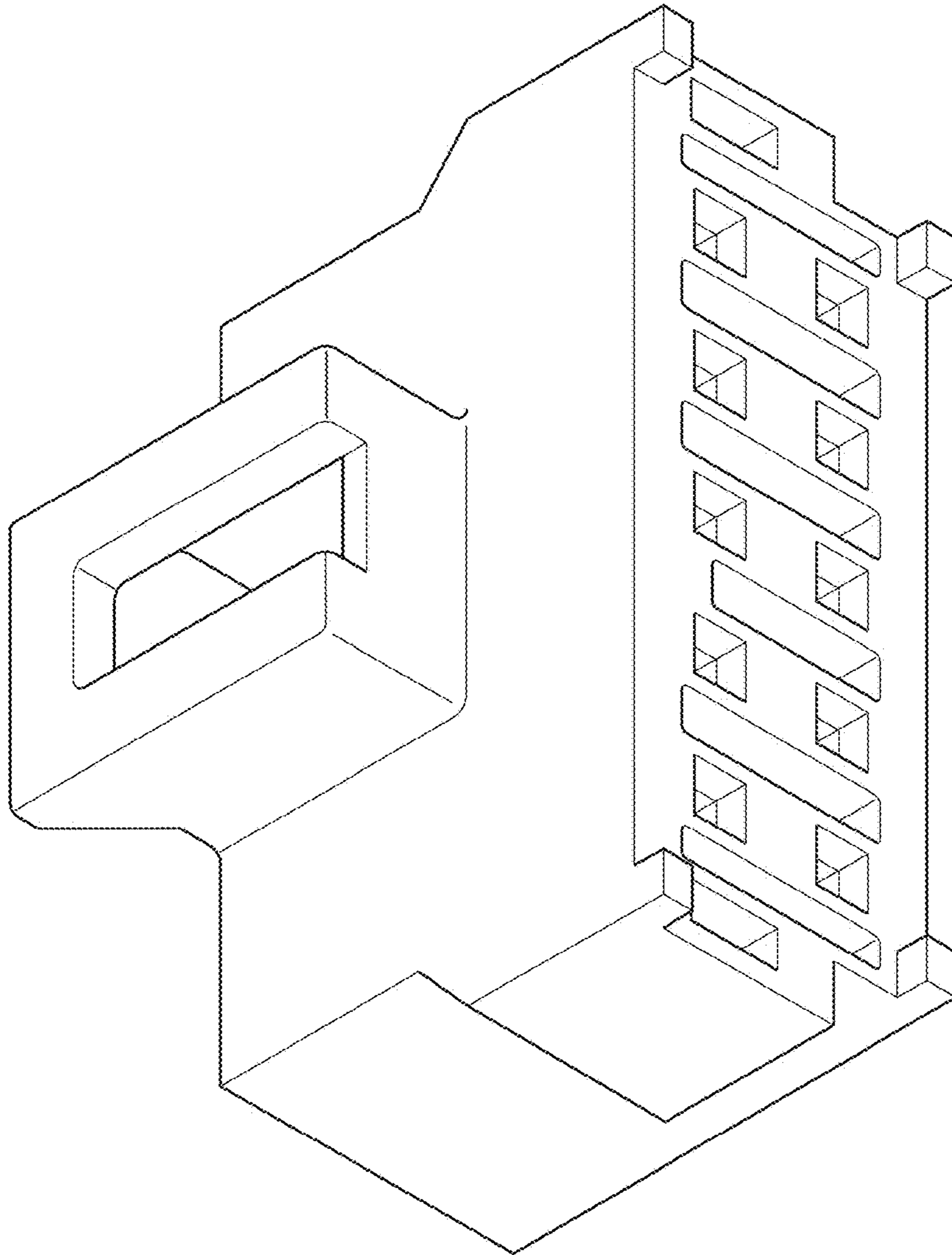


FIG. 22

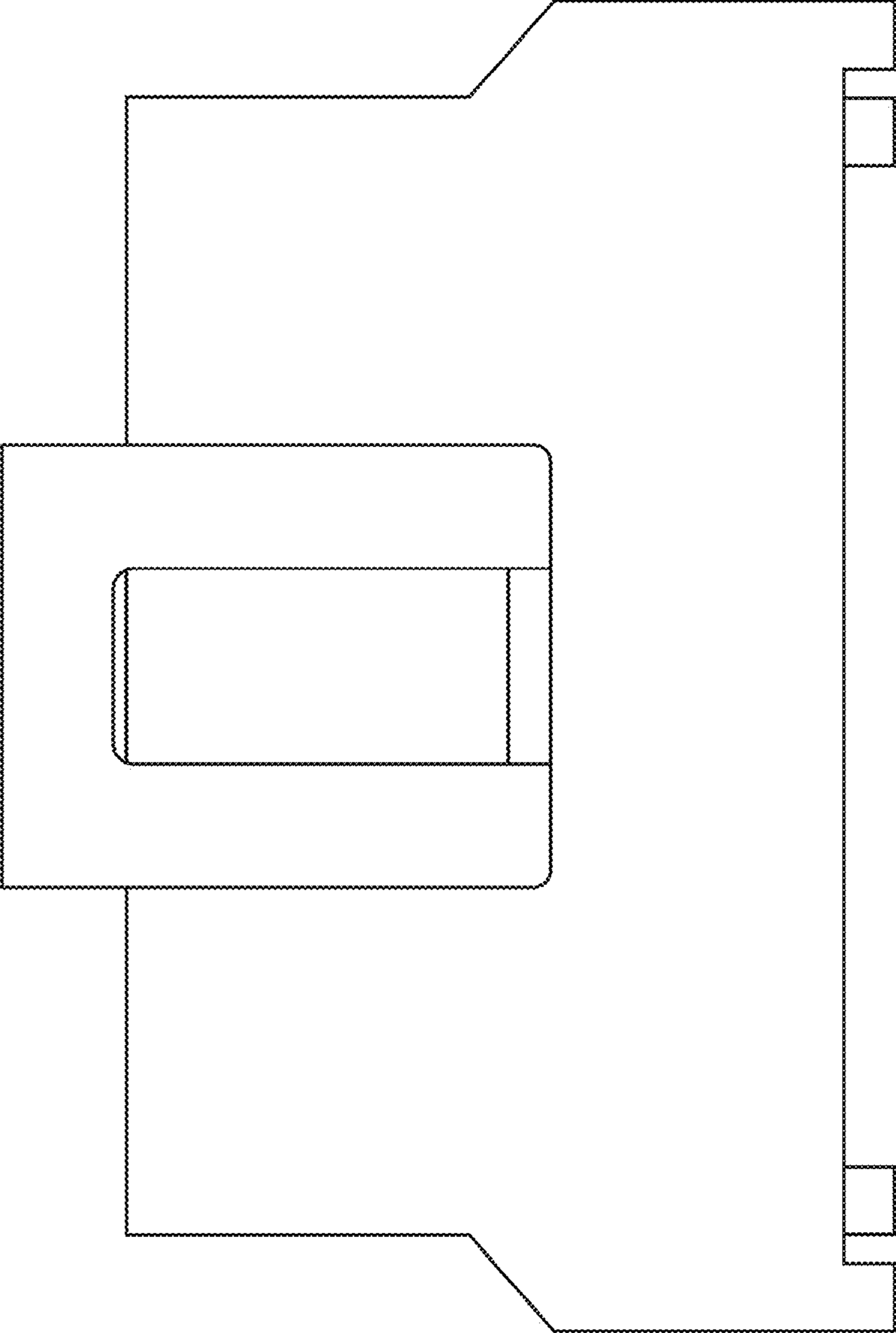


FIG. 23

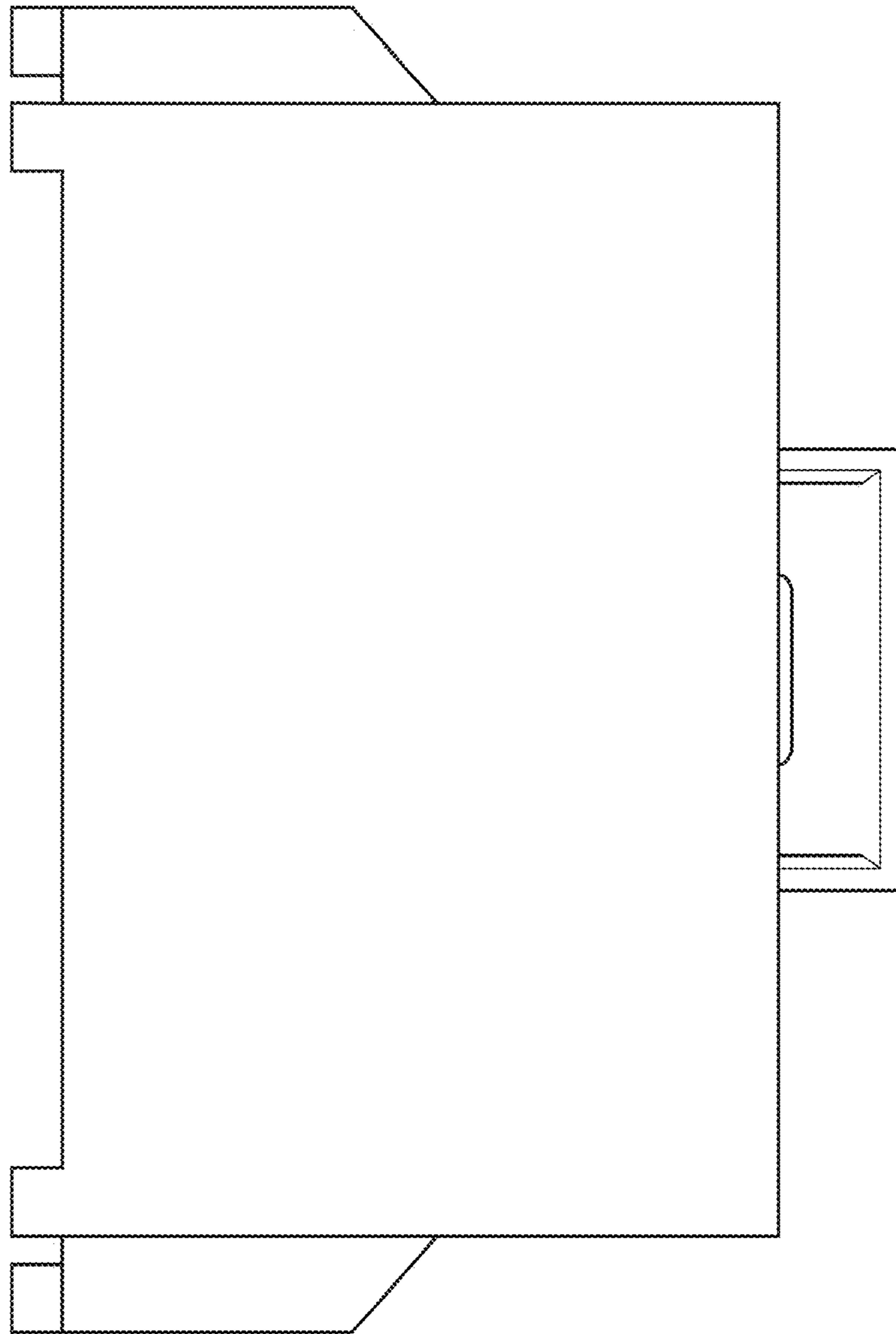


FIG. 24

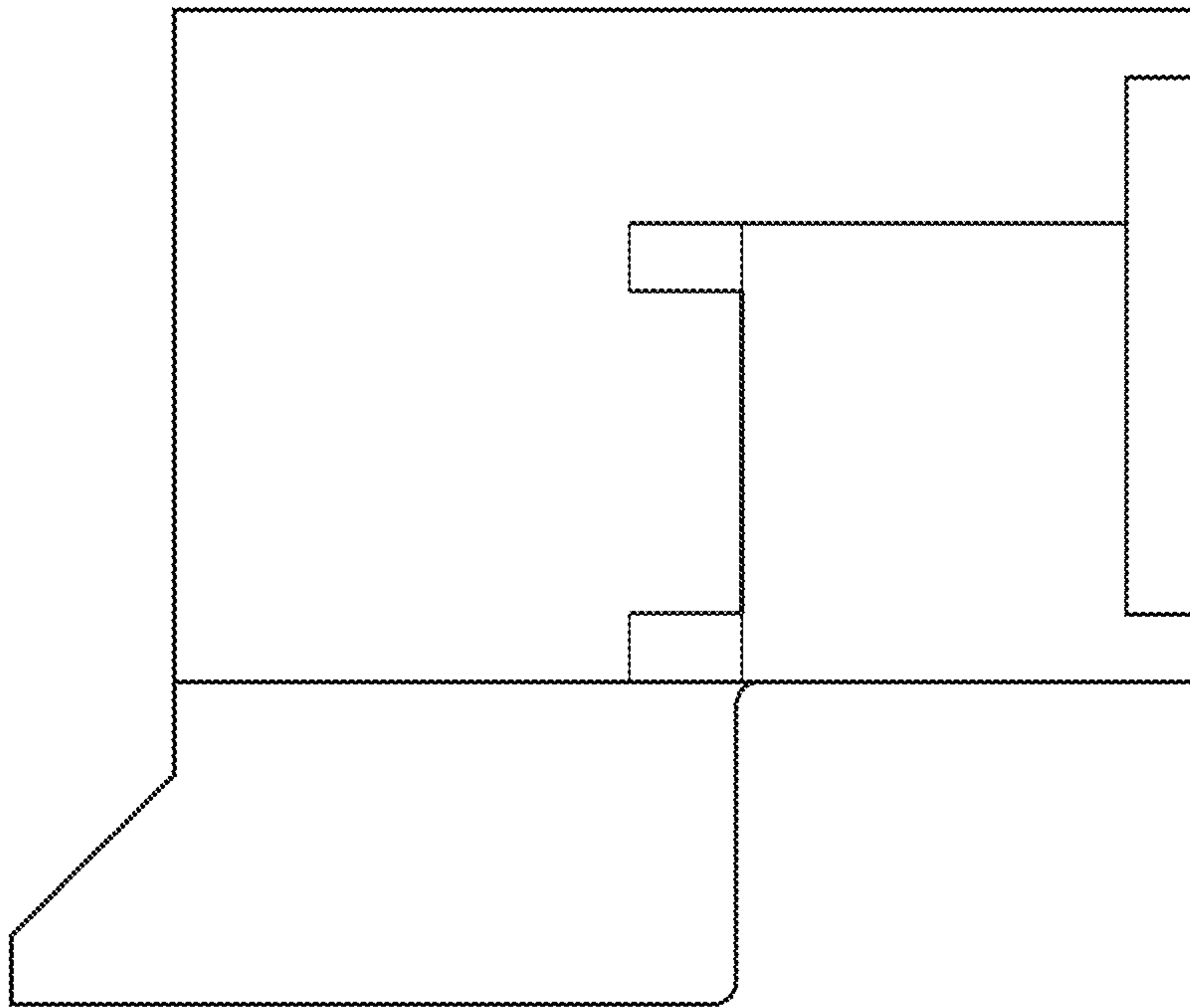


FIG. 25

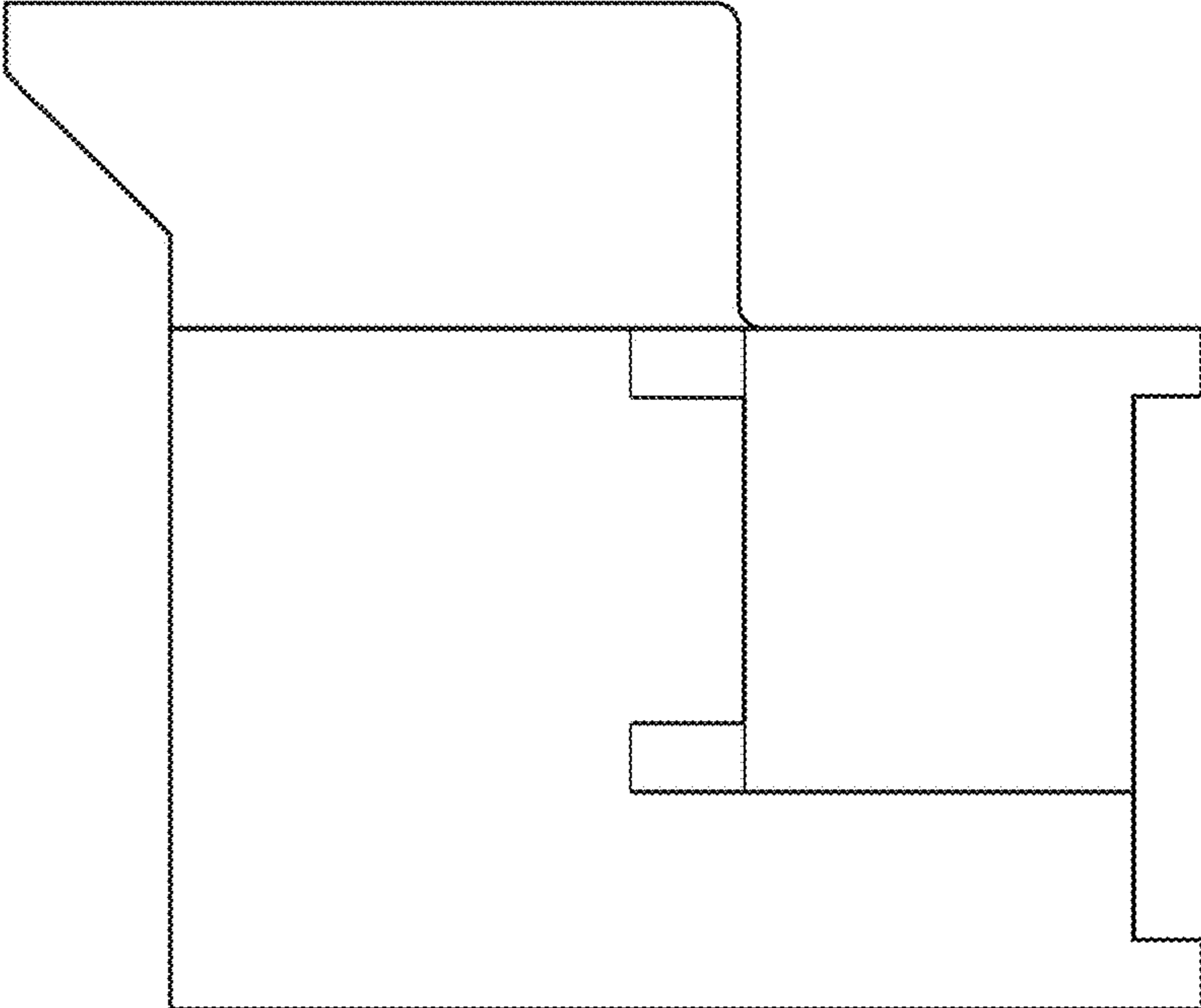


FIG. 26

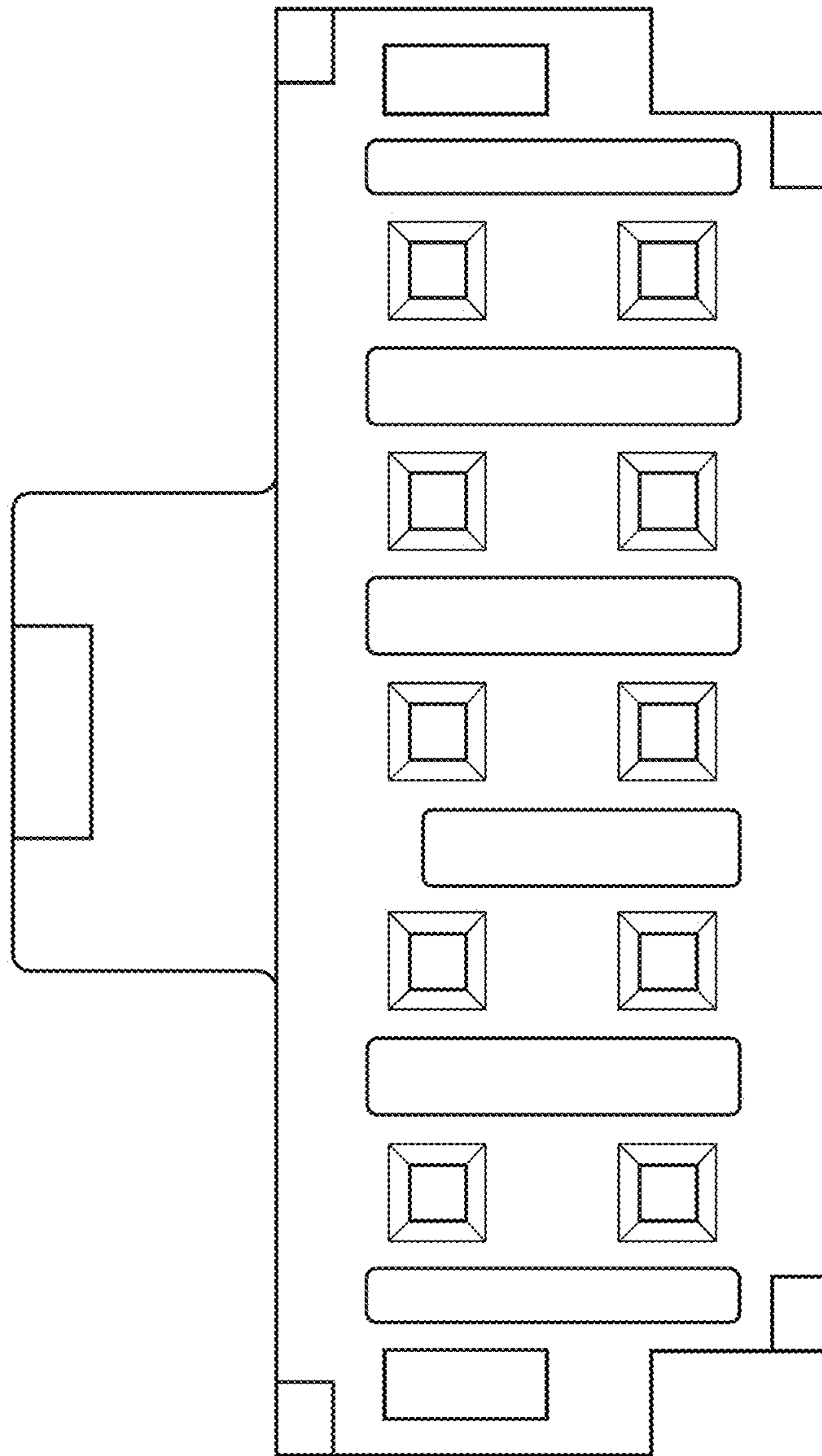


FIG. 27

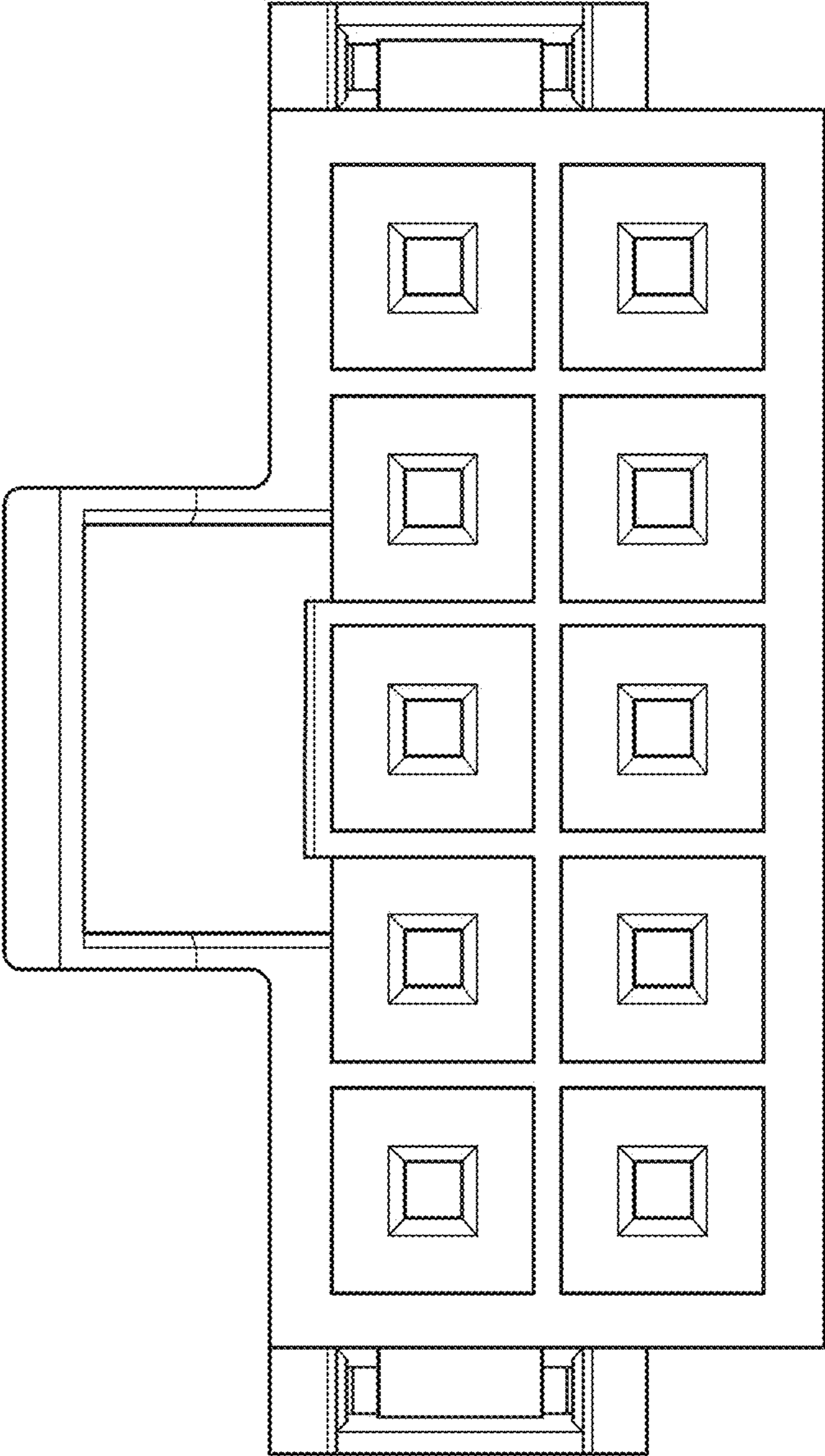


FIG. 28

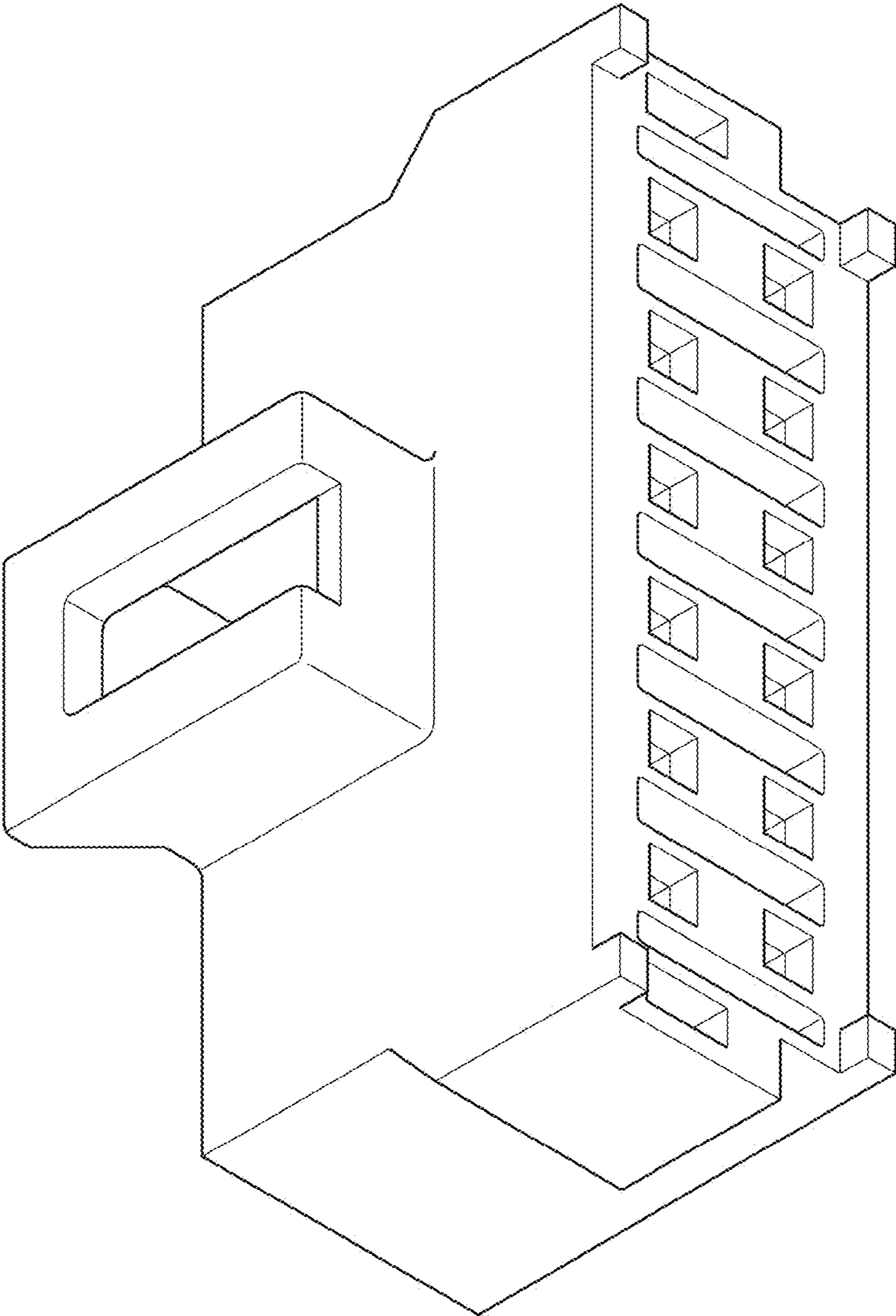


FIG. 29

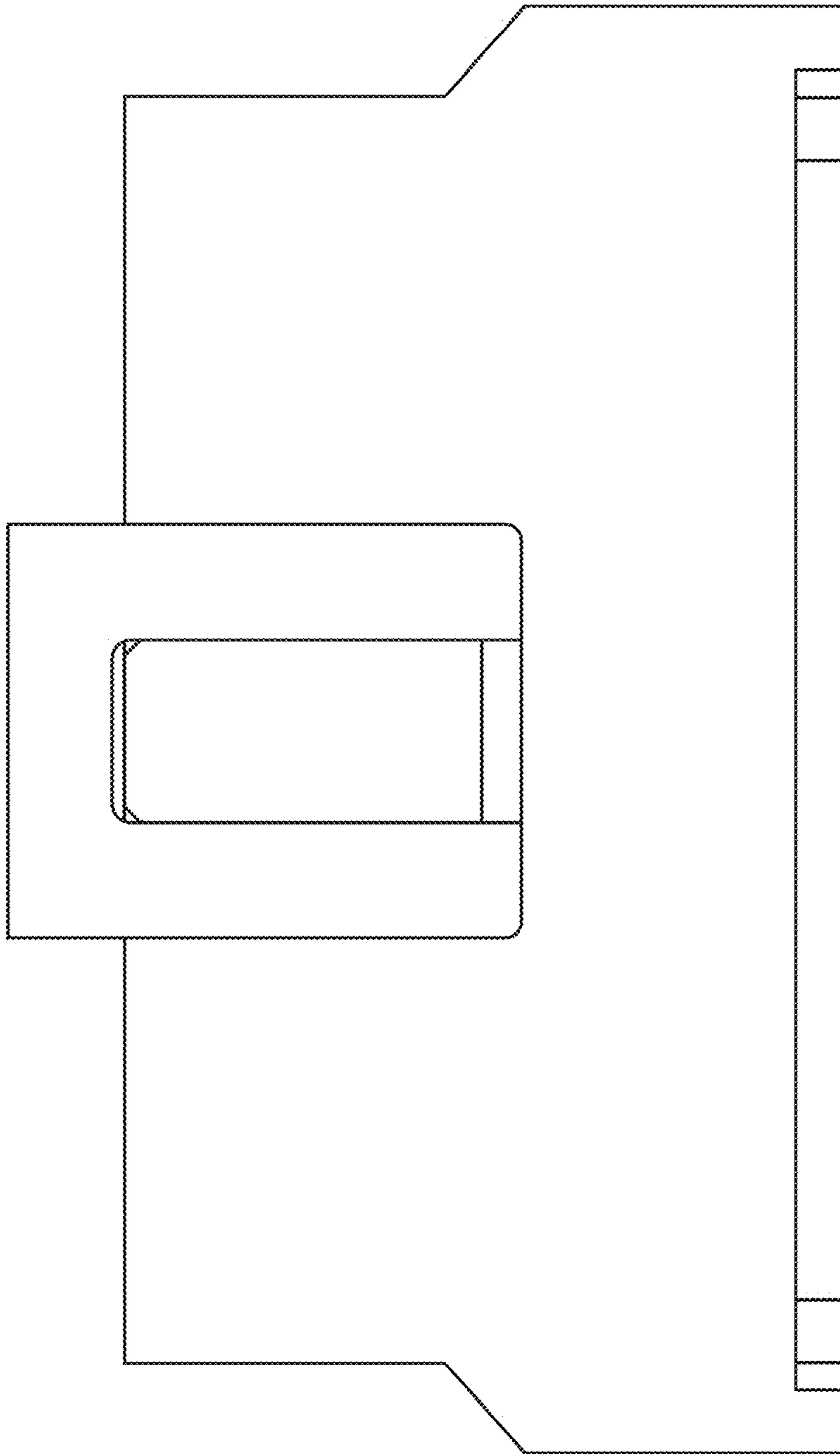


FIG. 30

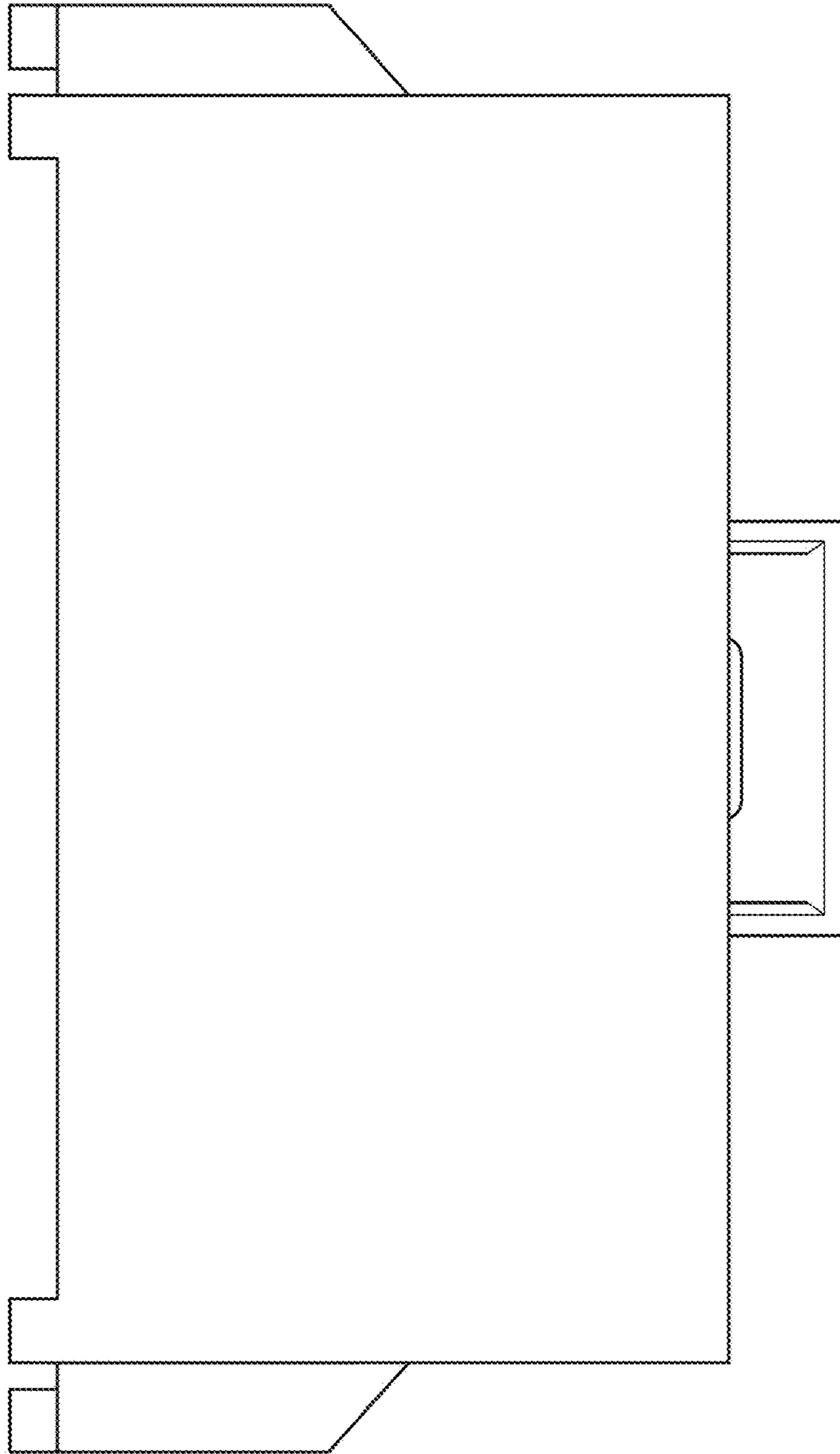


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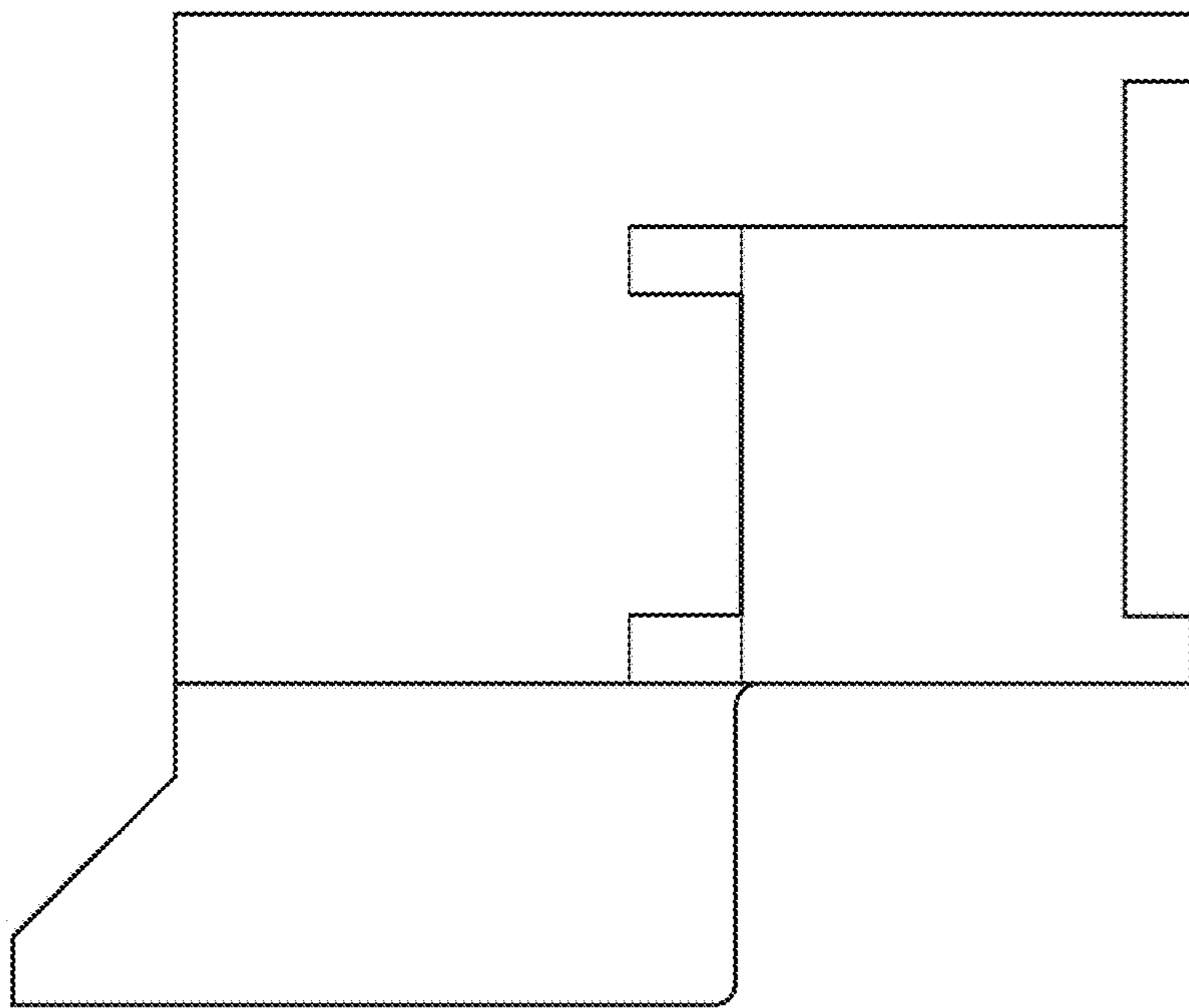


FIG. 32

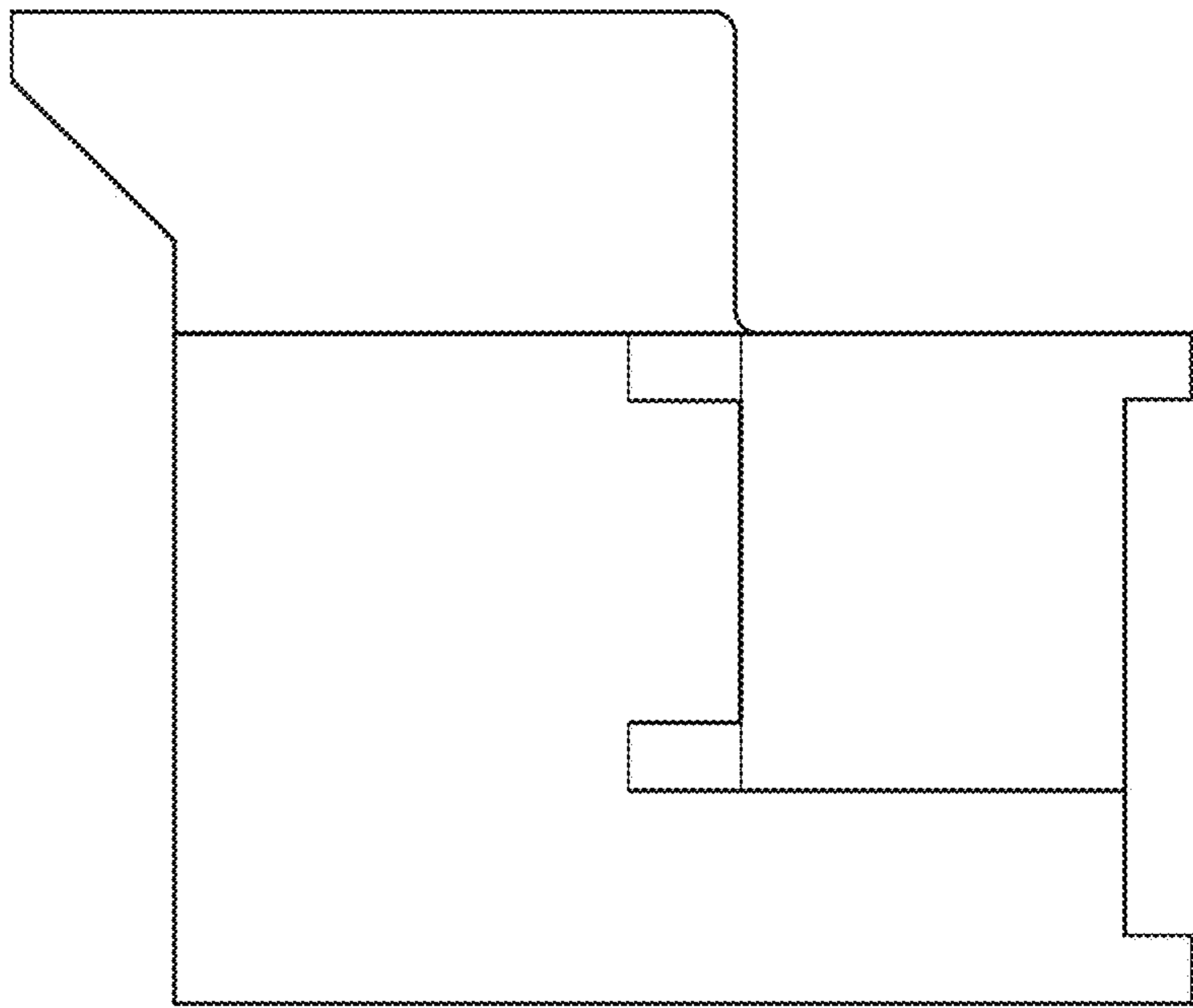


FIG. 33

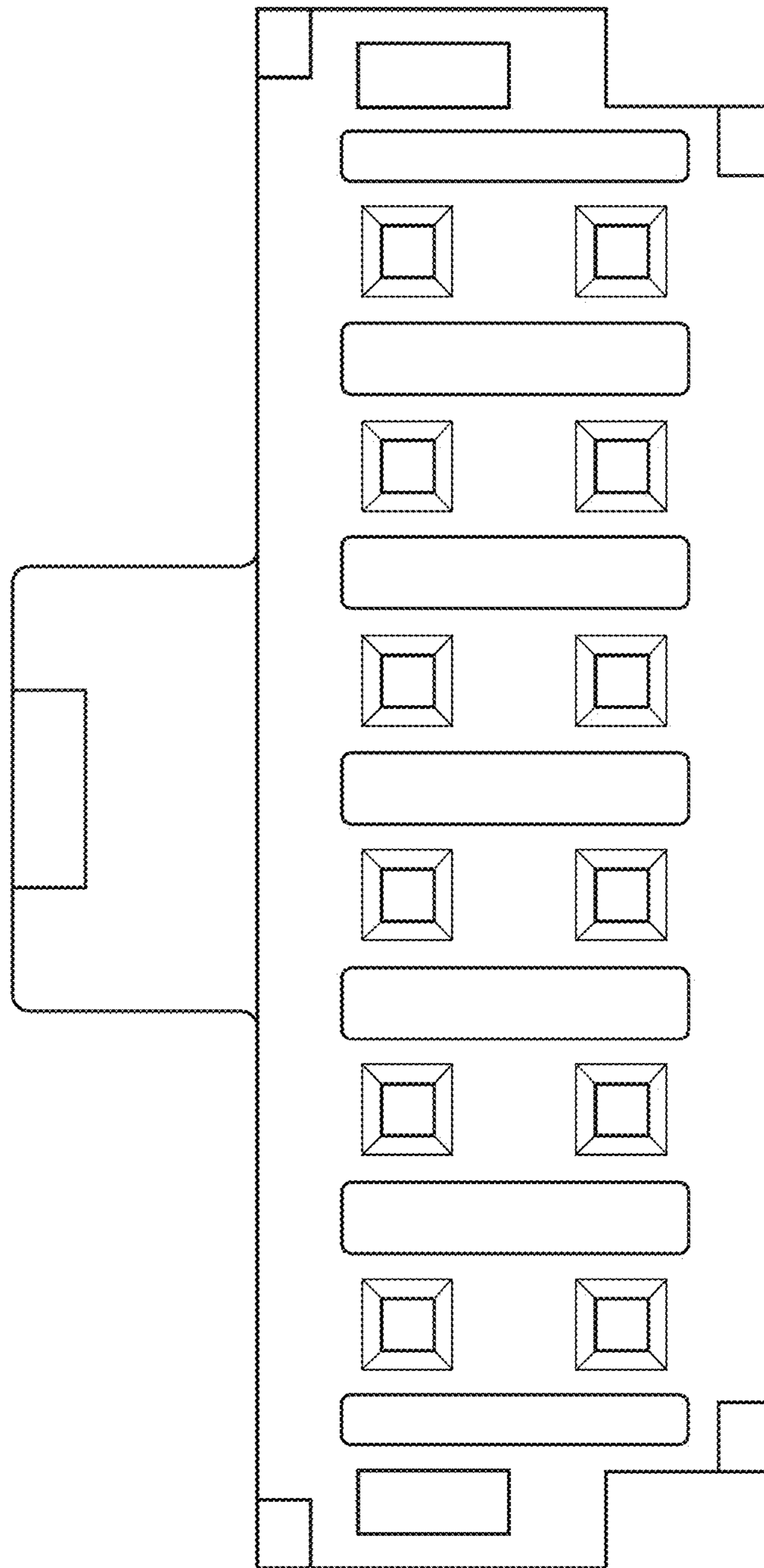


FIG. 34

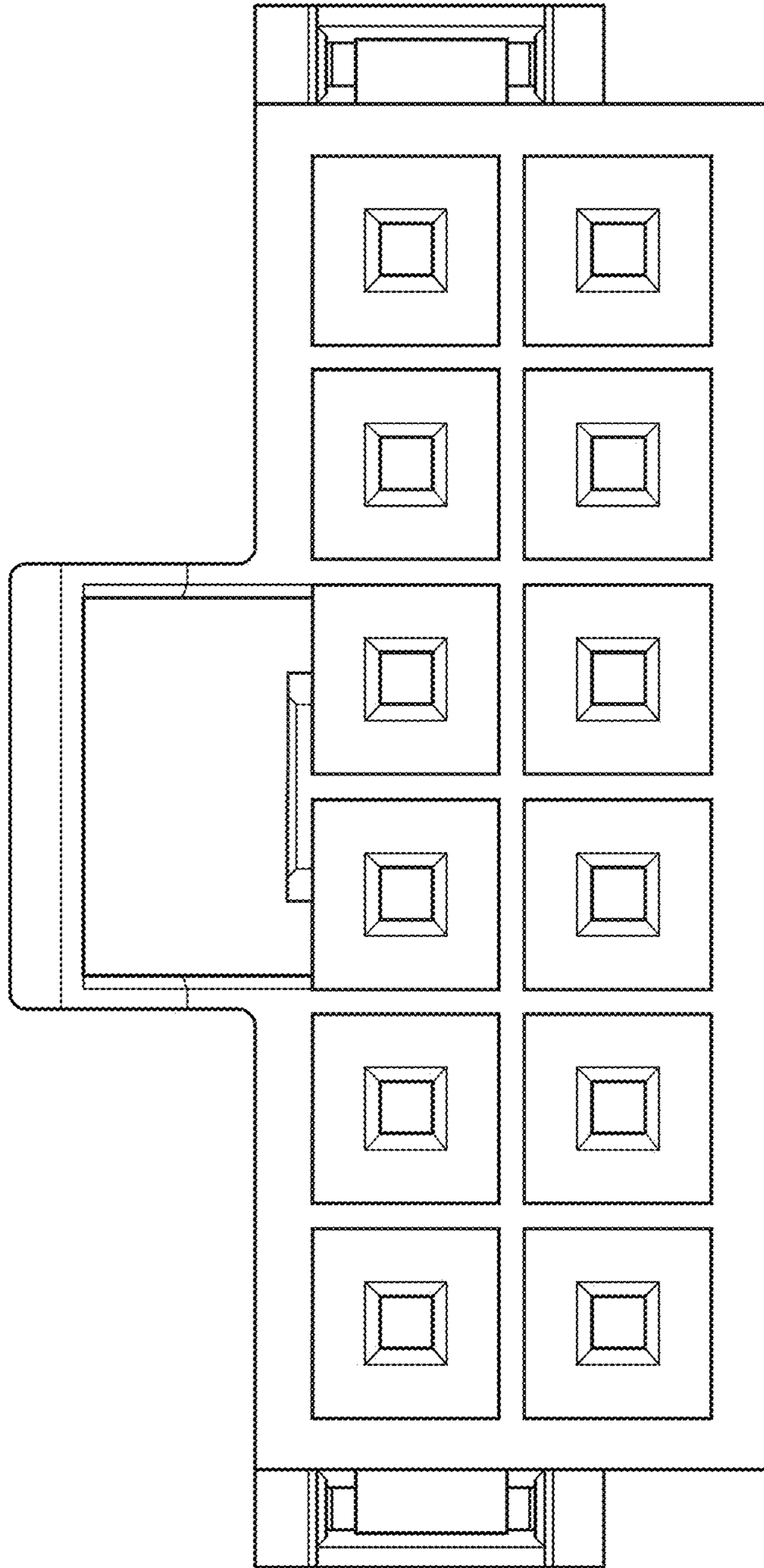


FIG. 35

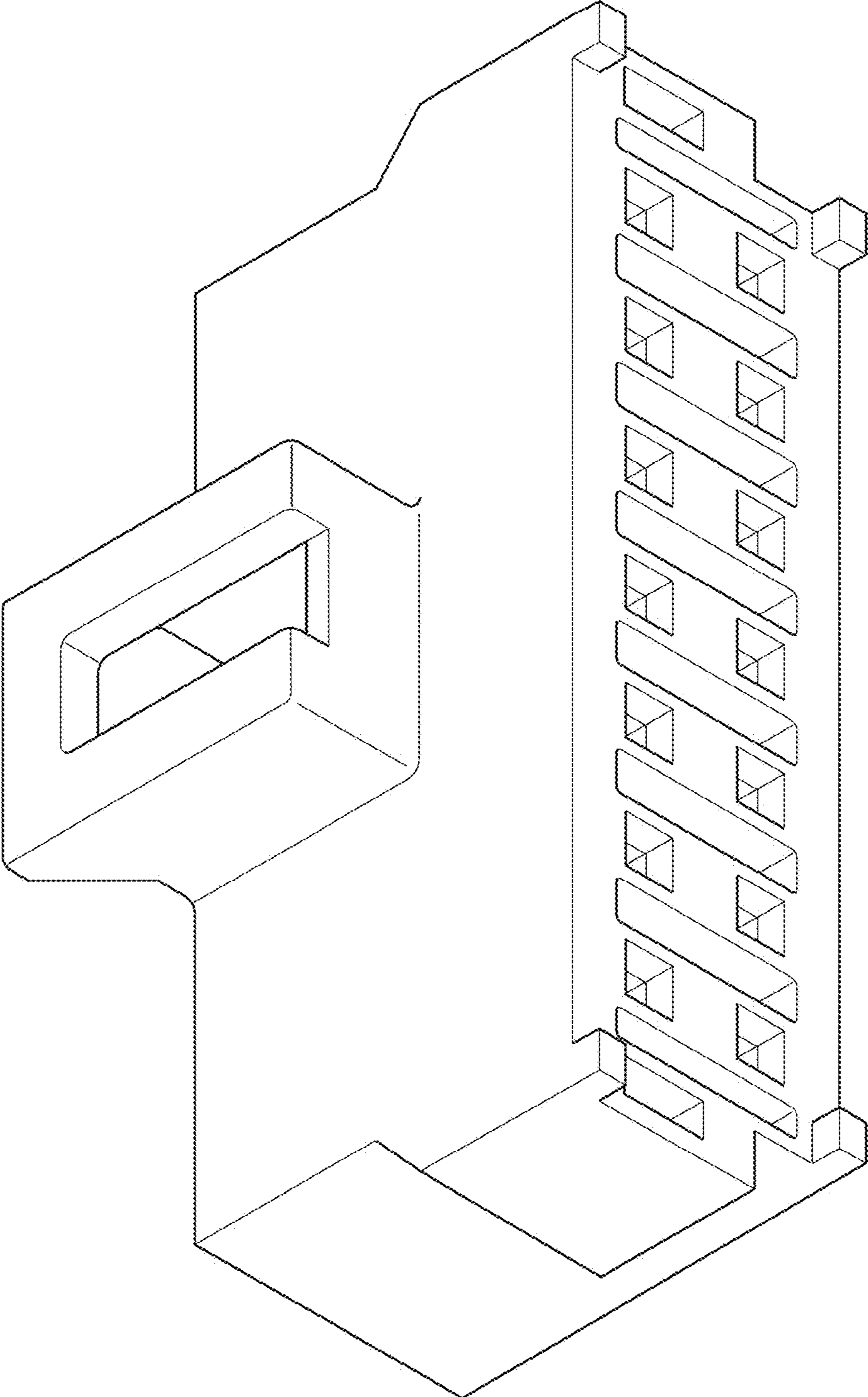


FIG. 36

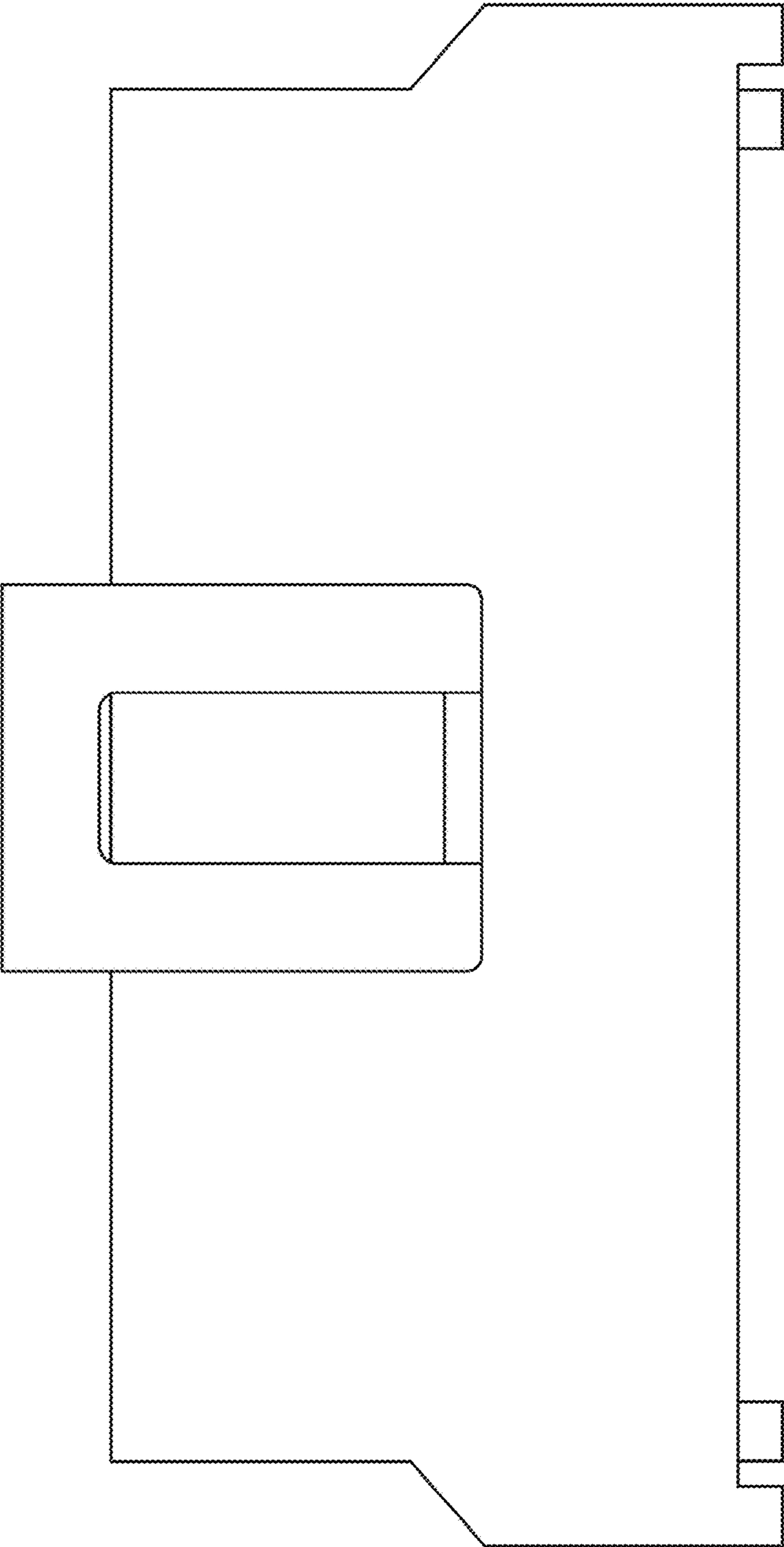


FIG. 37

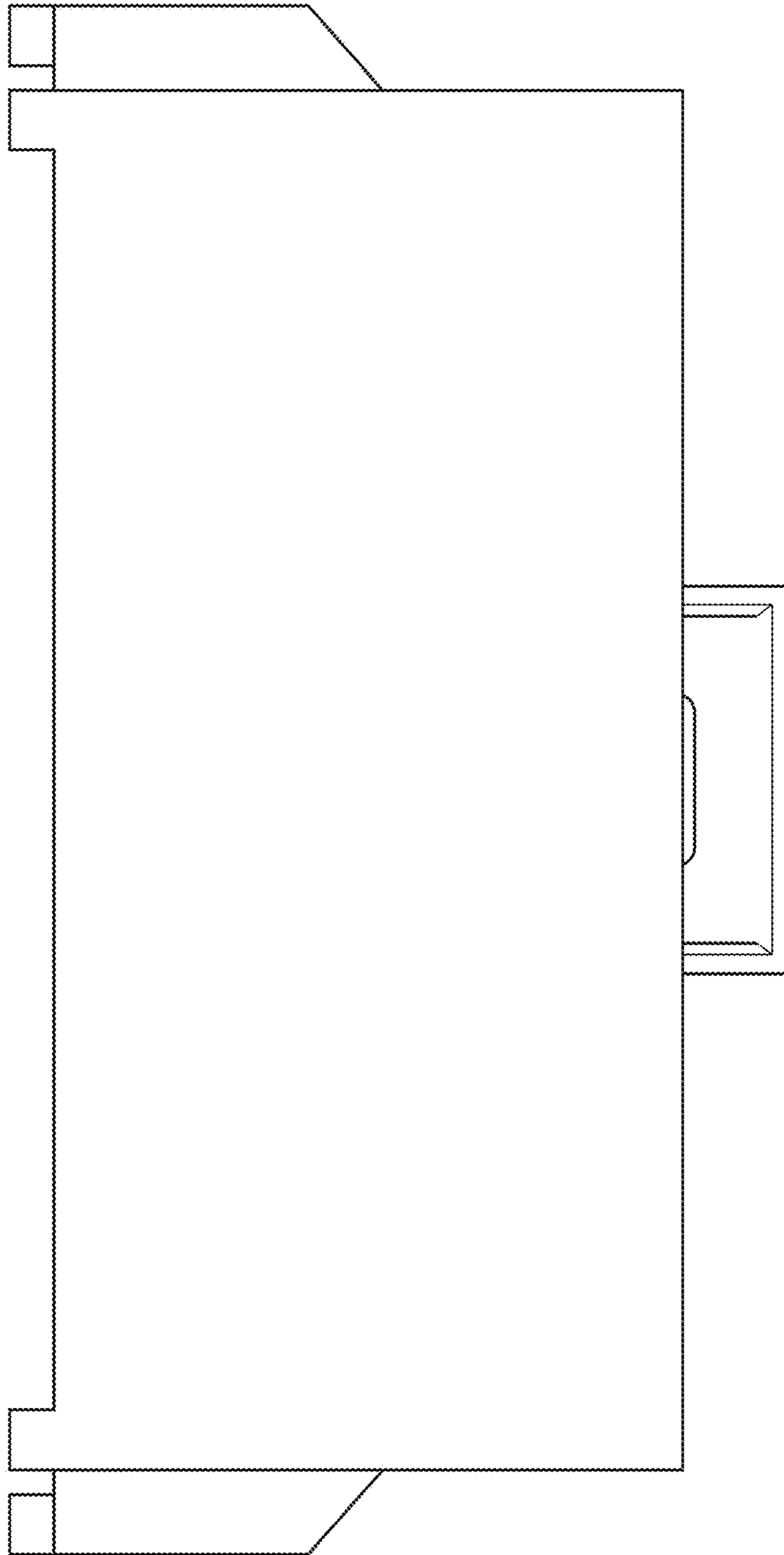


FIG. 38

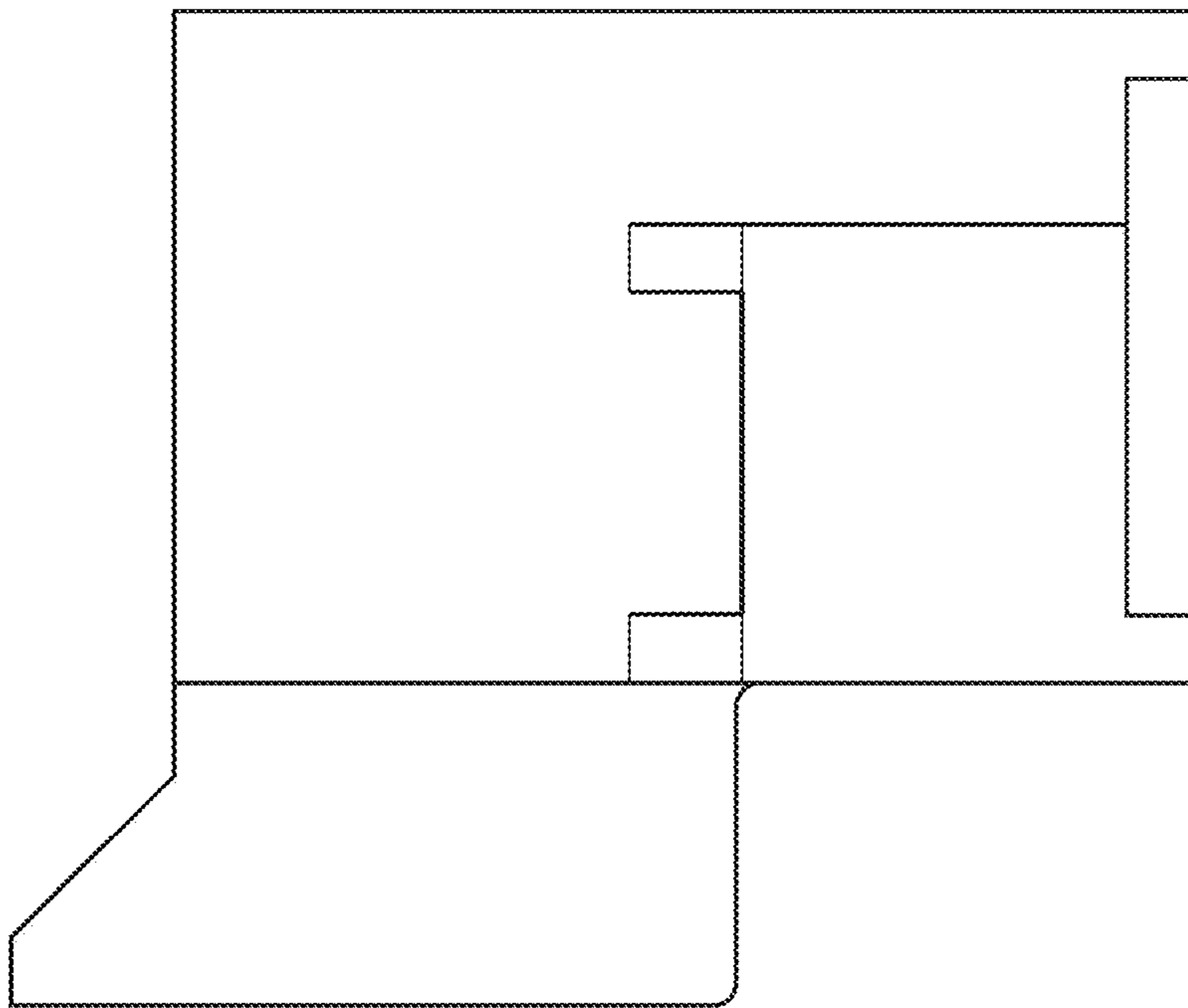


FIG. 39

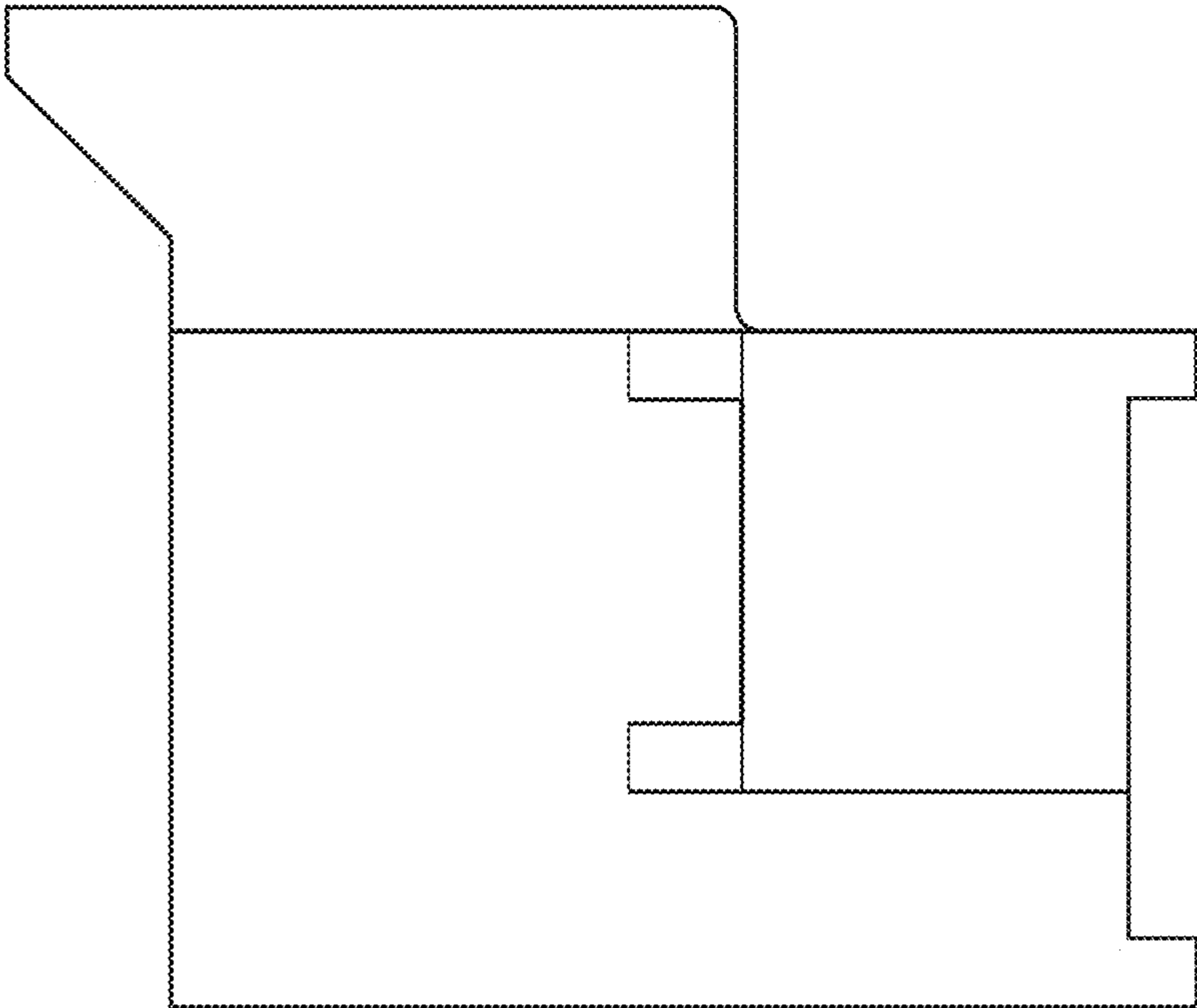


FIG. 40

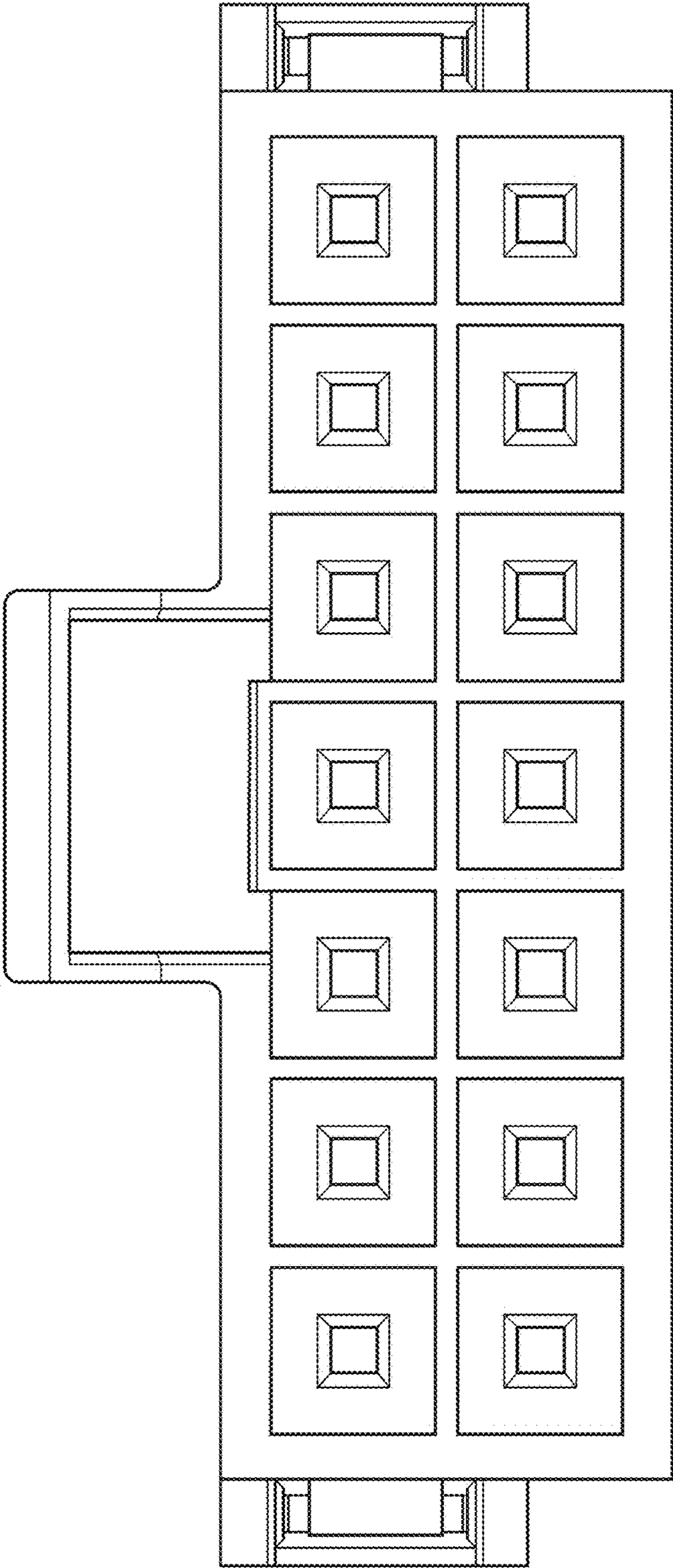


FIG. 42

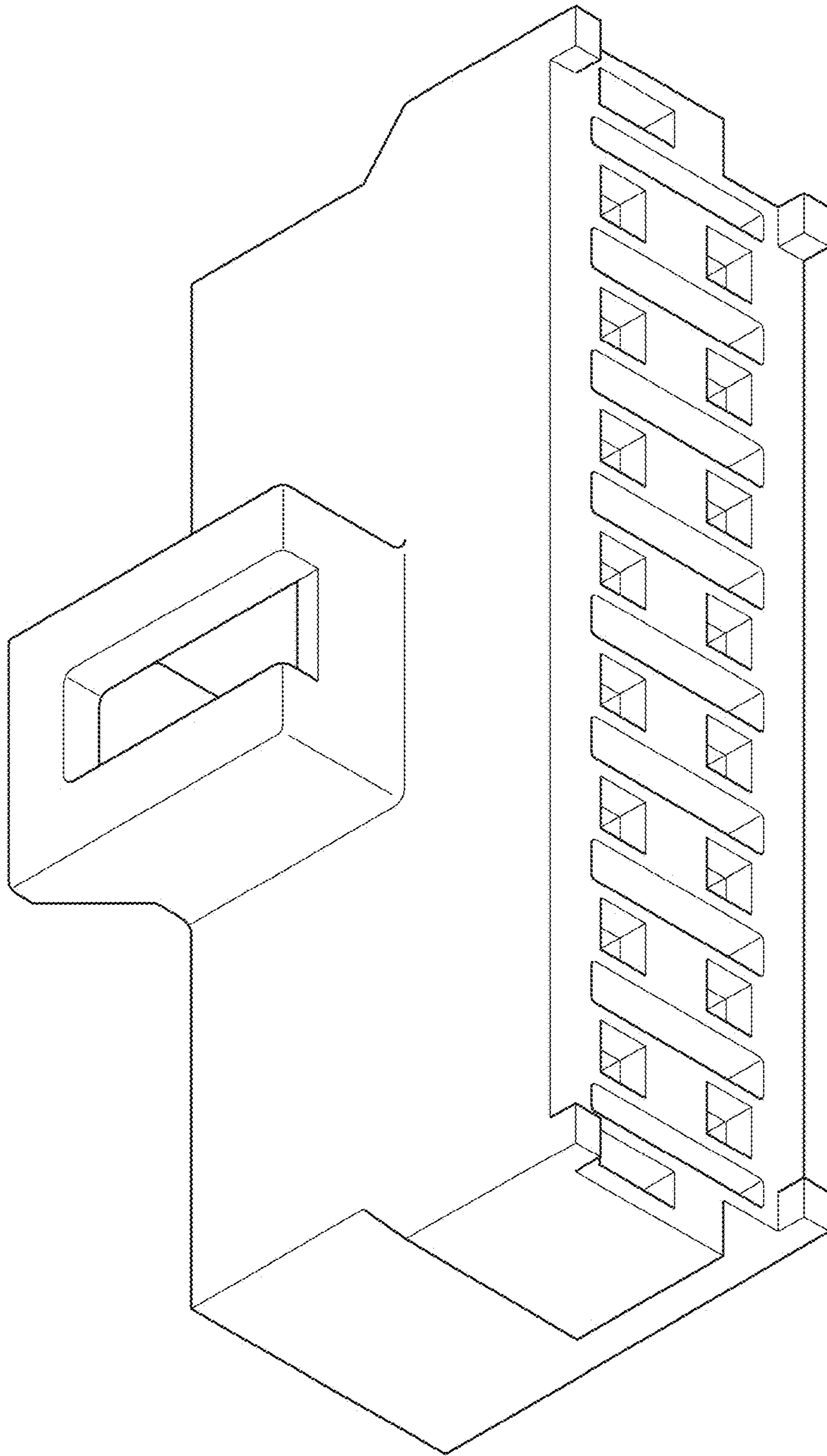


FIG. 43

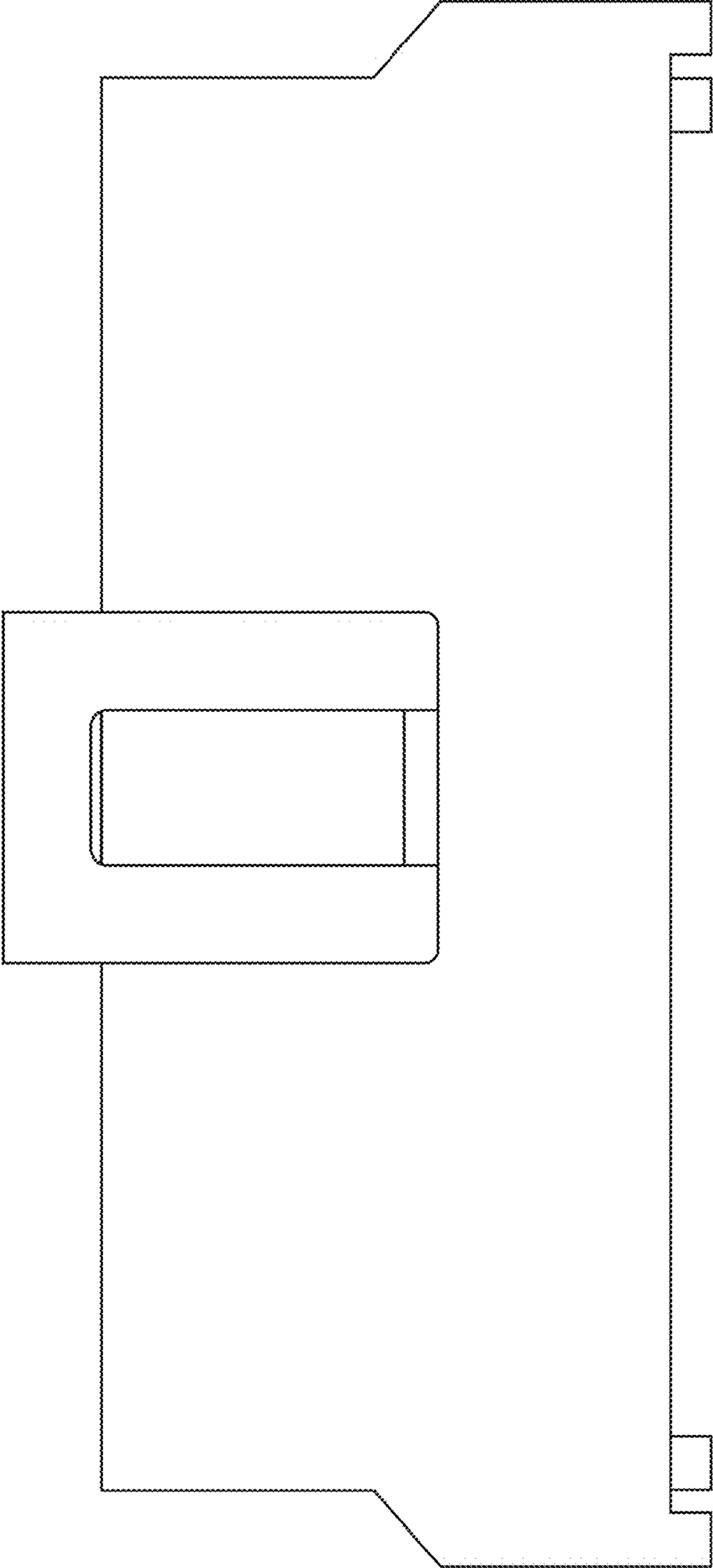


FIG. 44

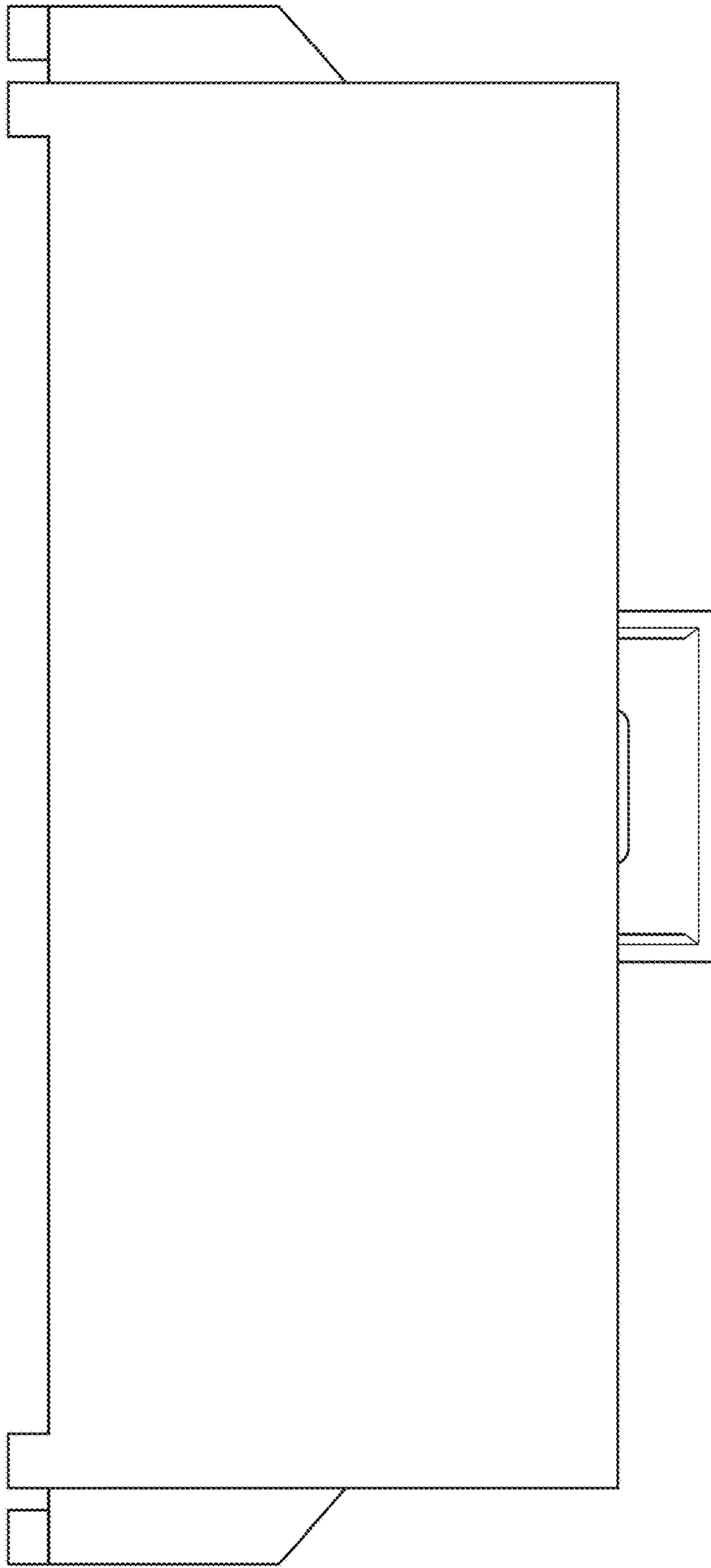


FIG. 45

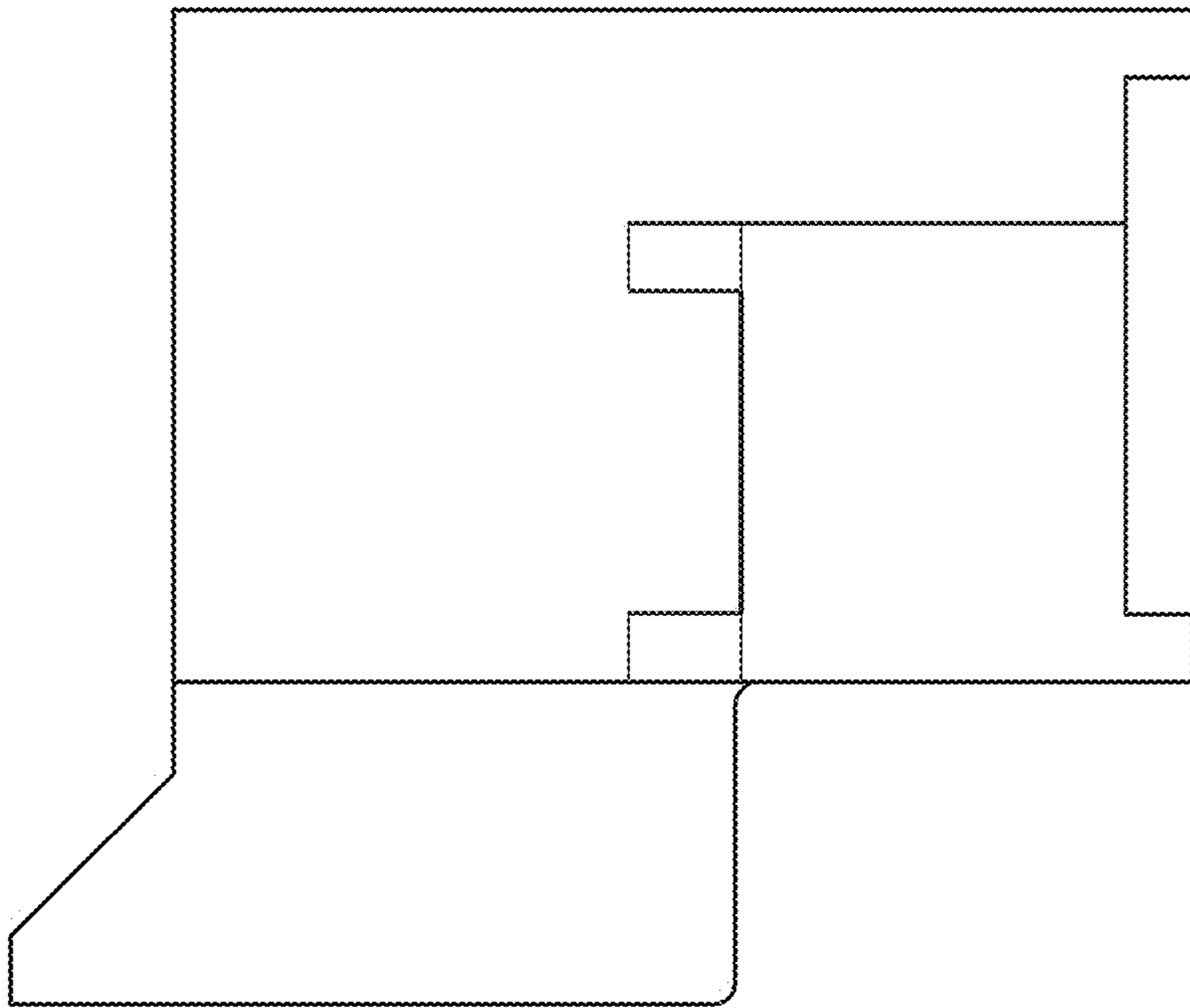


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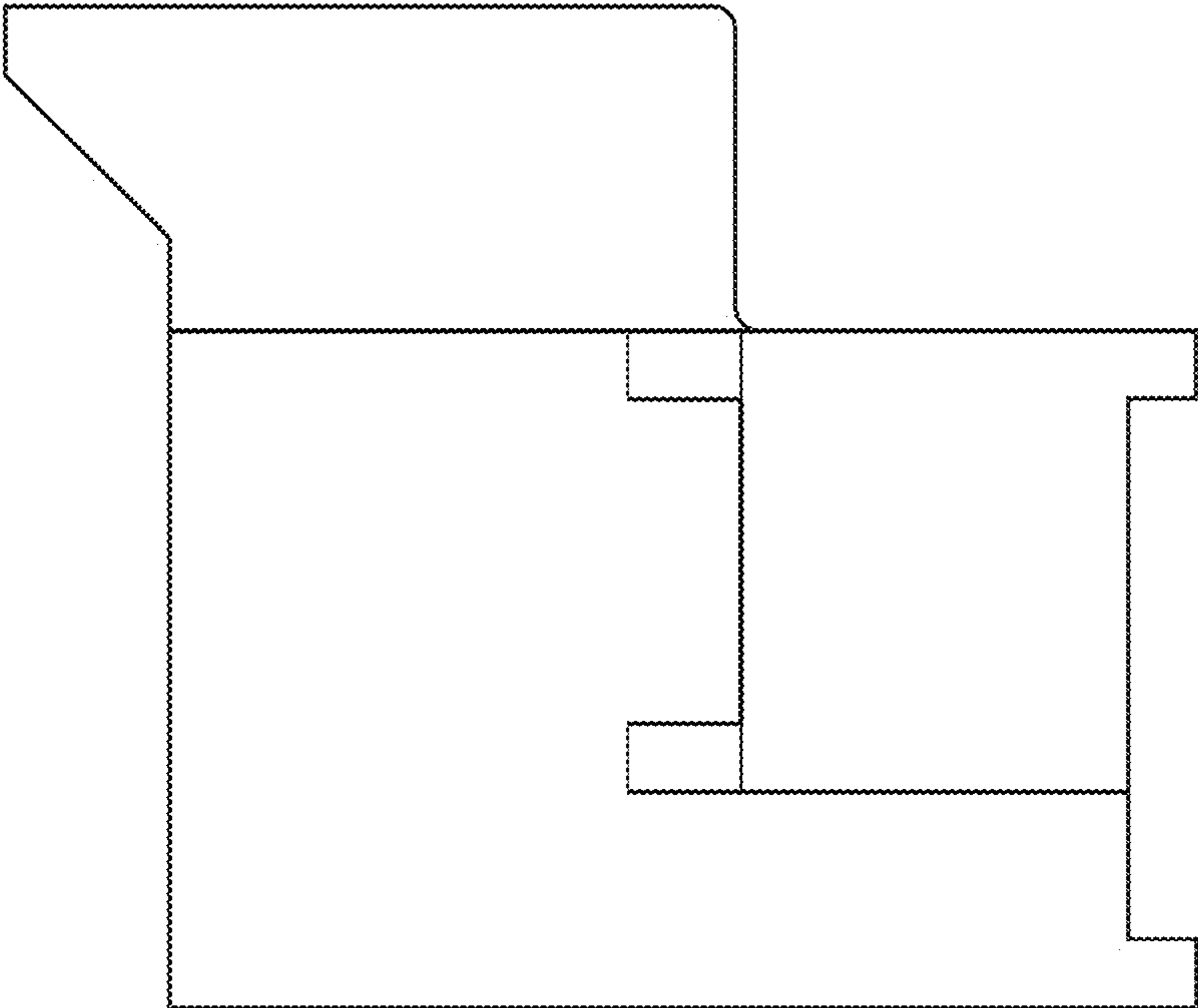


FIG. 47

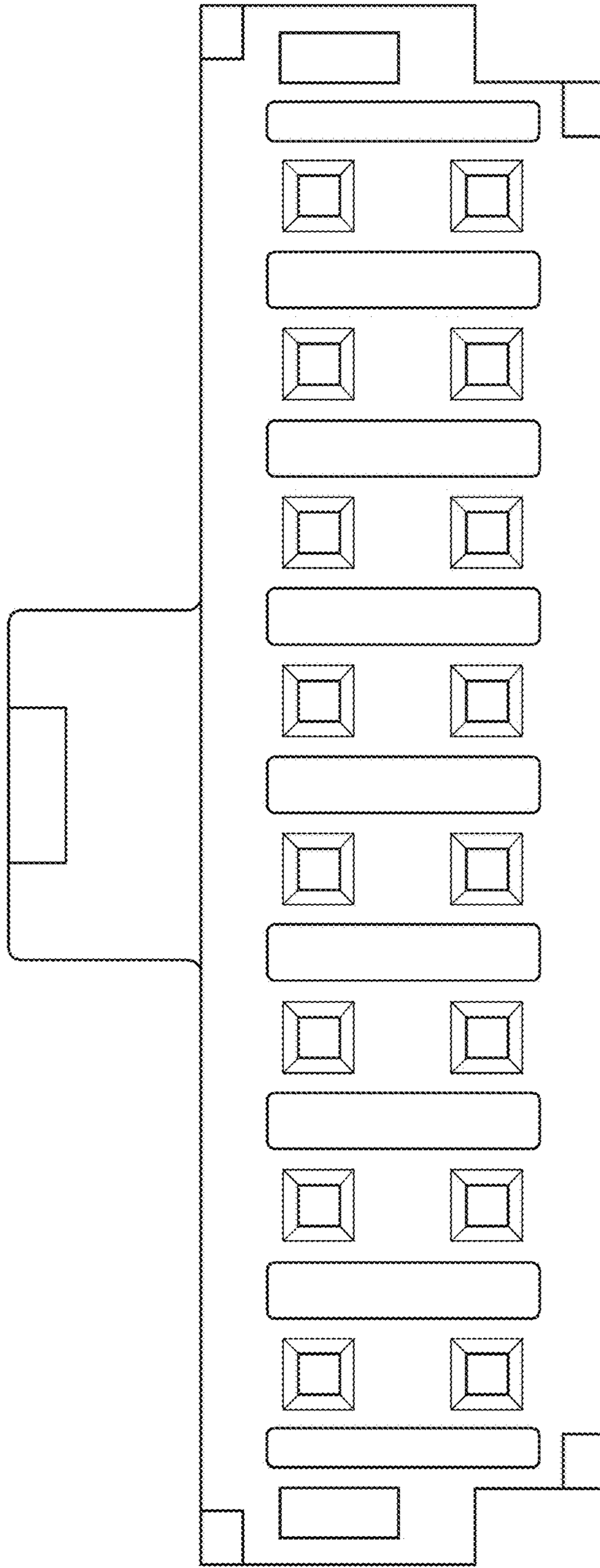


FIG. 48

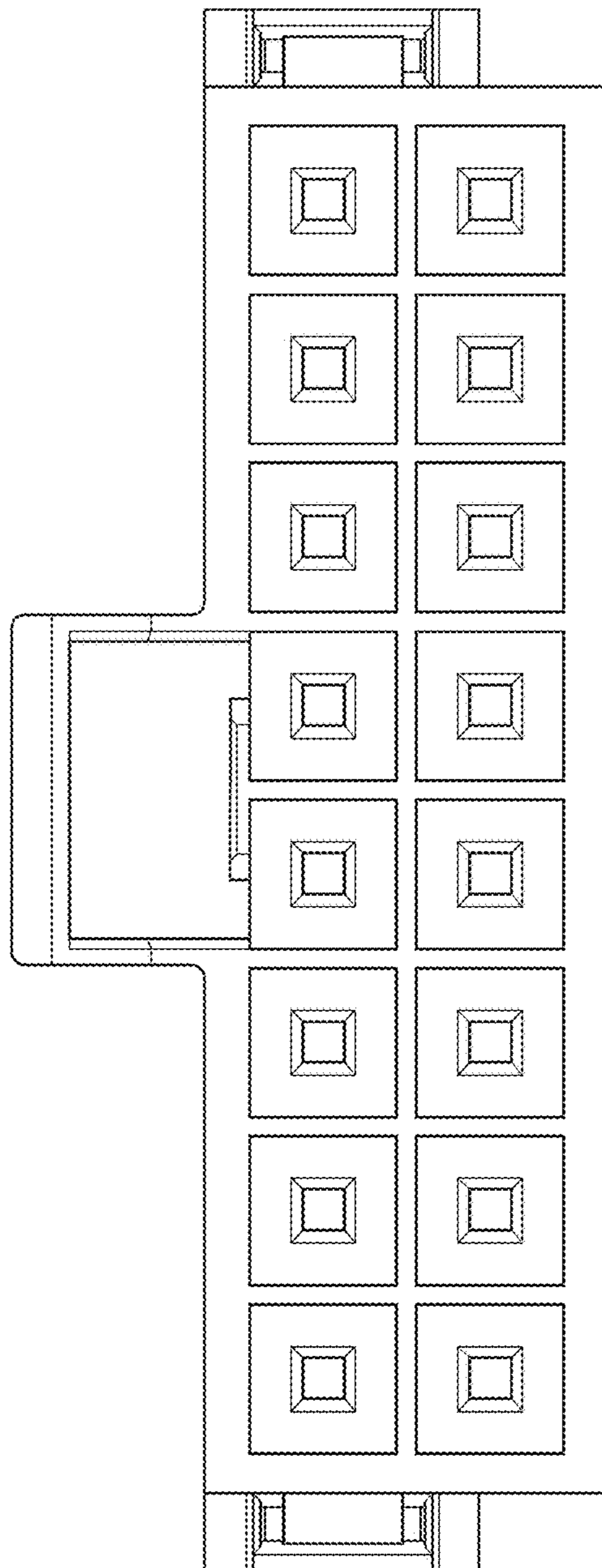


FIG. 49