



US00D851583S

(12) **United States Design Patent** (10) **Patent No.:** **US D851,583 S**
Saito et al. (45) **Date of Patent:** **** Jun. 18, 2019**

(54) **CASING FOR CONCENTRATOR
PHOTOVOLTAIC MODULE**

20/23; H02S 20/30; H02S 40/34; H02S
40/44; F24J 2/52; F03G 6/00

See application file for complete search history.

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(56) **References Cited**

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FOREIGN PATENT DOCUMENTS

JP 1546353 S 3/2016

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(57) **CLAIM**

The ornamental design for a casing for concentrator photo-
voltaic module, as shown and described.

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

DESCRIPTION

(21) Appl. No.: **29/616,408**

(22) Filed: **Sep. 6, 2017**

(30) **Foreign Application Priority Data**

Mar. 10, 2017 (JP) 2017-004924
Mar. 10, 2017 (JP) 2017-004925
Mar. 10, 2017 (JP) 2017-004926
Mar. 10, 2017 (JP) 2017-004927
Mar. 10, 2017 (JP) 2017-004928

(51) **LOC (11) Cl.** **13-02**

(52) **U.S. Cl.**
USPC **D13/102**

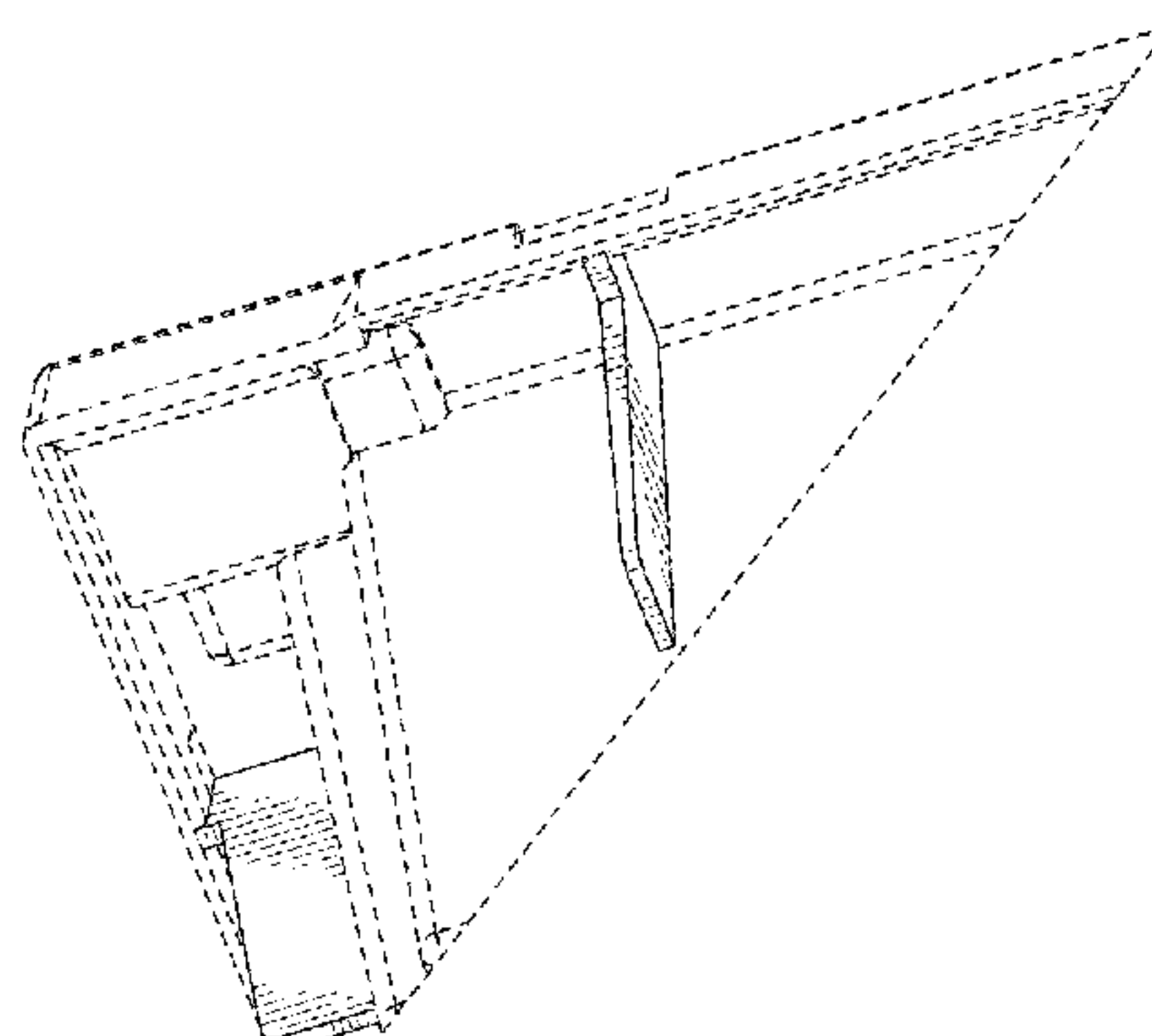
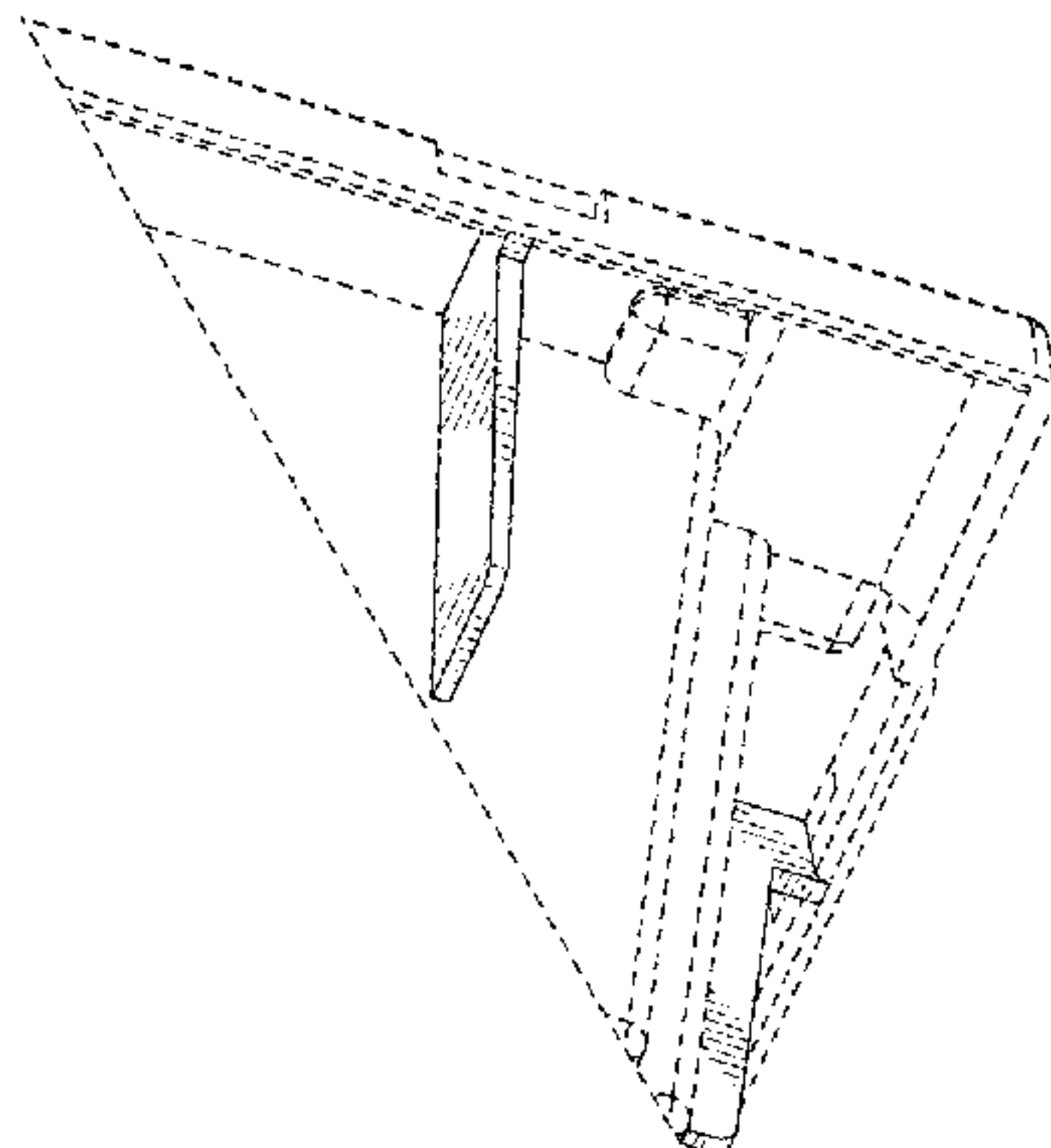
(58) **Field of Classification Search**

USPC D13/110, 118, 120, 123, 133, 146, 147,
D13/154, 184, 199, 102

CPC H01L 31/00; H01L 31/02; H01L 31/042;
H01L 31/045; H01L 31/046; H01L
31/048; H01L 31/05; H01L 31/052; H01L
31/0525; H02S 30/00; H02S 20/10; H02S

FIG. 1 is a front elevation view of a casing for concentrator
photovoltaic module showing our new design;
FIG. 2 is a rear elevation view thereof;
FIG. 3 is a top plan view thereof;
FIG. 4 is a bottom plan view thereof;
FIG. 5 is a right side elevation view thereof;
FIG. 6 is a left side elevation view thereof;
FIG. 7 is a first perspective view thereof;
FIG. 8 is a second perspective view thereof;
FIG. 9 is an enlarged view of portion 9-9 of FIG. 1;
FIG. 10 is an enlarged view of portion 10-10 of FIG. 4;
FIG. 11 is an enlarged view of portion 11-11 of FIG. 5;
FIG. 12 is an enlarged view of portion 12-12 of FIG. 7;
FIG. 13 is an enlarged view of portion 13-13 of FIG. 8;
FIG. 14 is a view of segmented portion 14-15 of FIG. 13
seen in a direction of arrow A;
FIG. 15 is a view of segmented portion 14-15 of FIG. 13
seen in a direction of arrow B;
FIG. 16 is a view of segmented portion 16-16 of FIG. 13
seen in a direction of arrow C;
FIG. 17 is a view of segmented portion 17-17 of FIG. 13
seen in a direction of arrow D; and,
FIG. 18 is a perspective view thereof, in use condition.

(Continued)



The broken lines shown in the drawings represent portions of the casing for a concentrator photovoltaic module that form no part of the claimed design. The dashed-dot-dashed lines indicate a boundary between the claimed portions and unclaimed portions of the design.

1 Claim, 8 Drawing Sheets

FIG.1

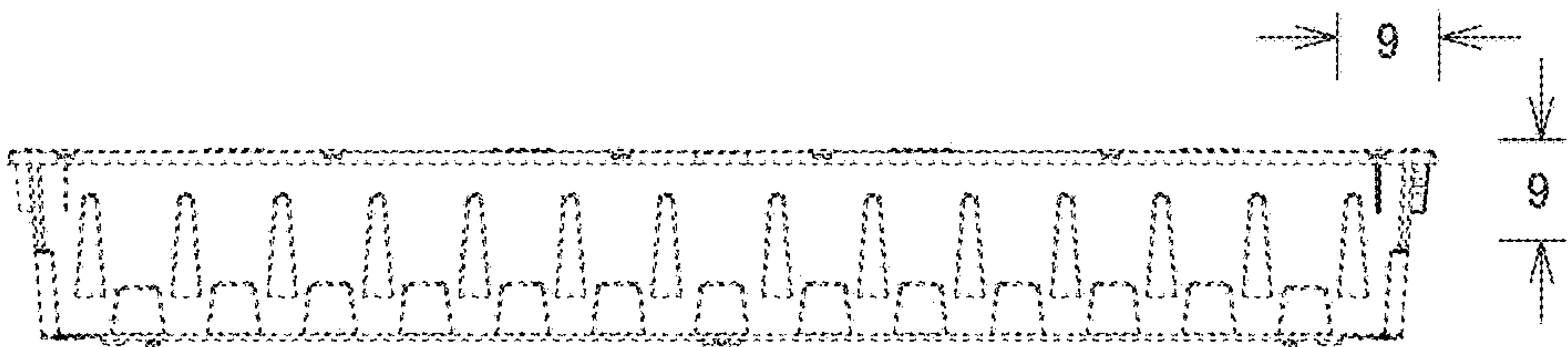


FIG.2

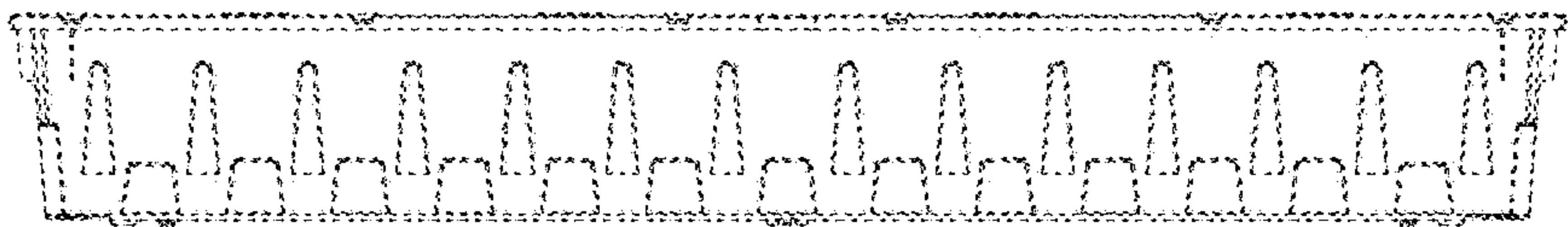


FIG.3

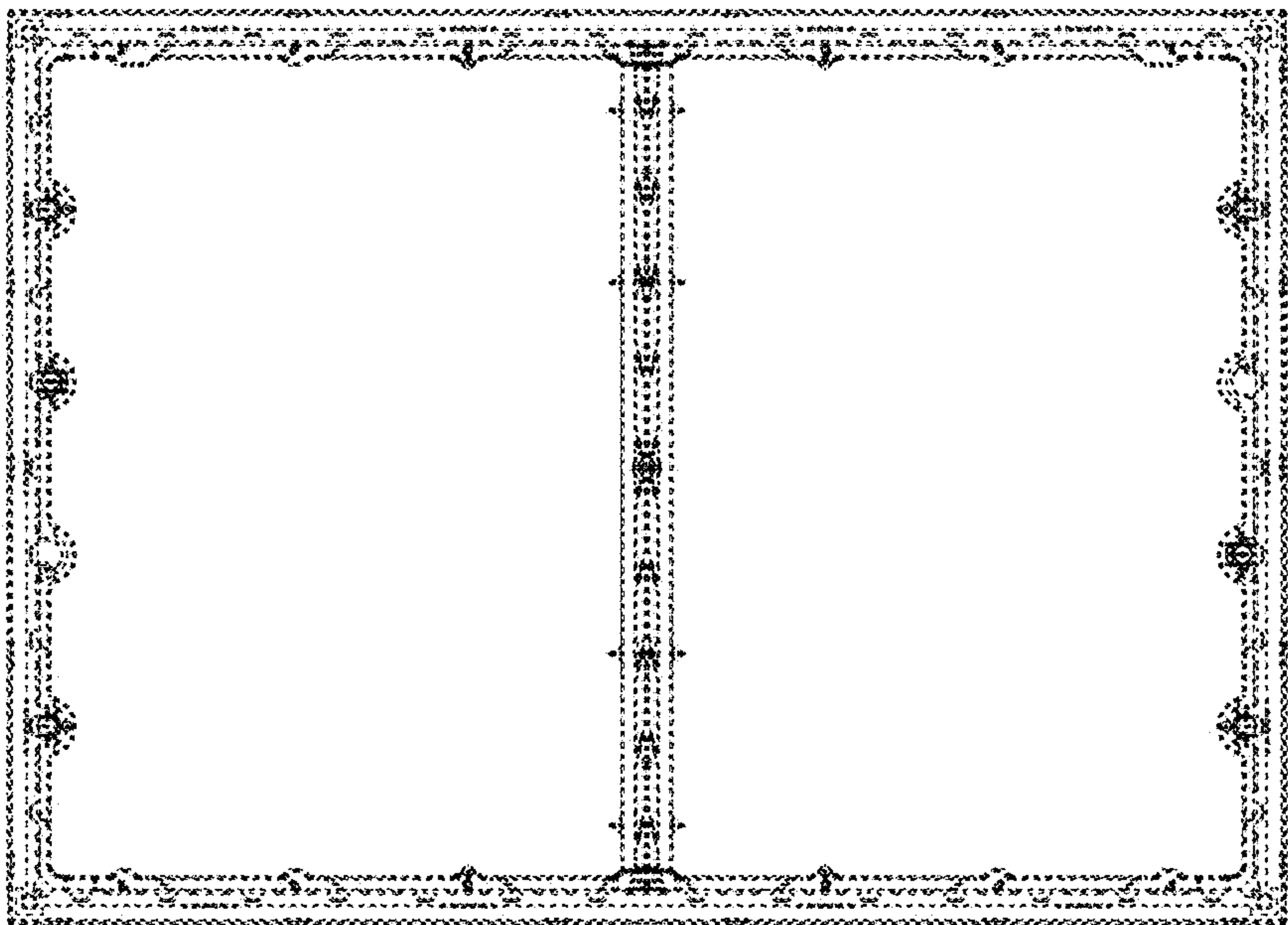


FIG.4

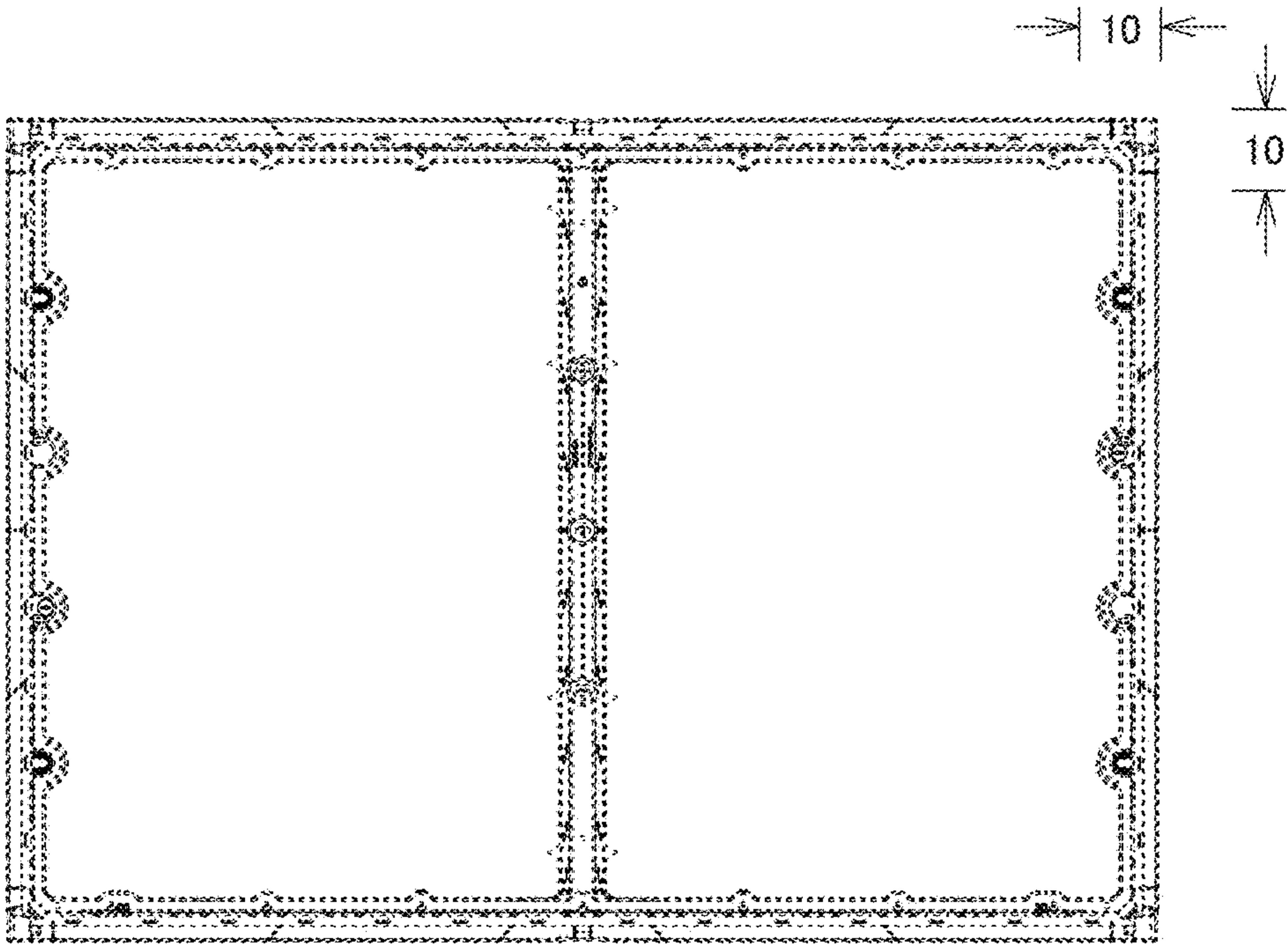


FIG.5

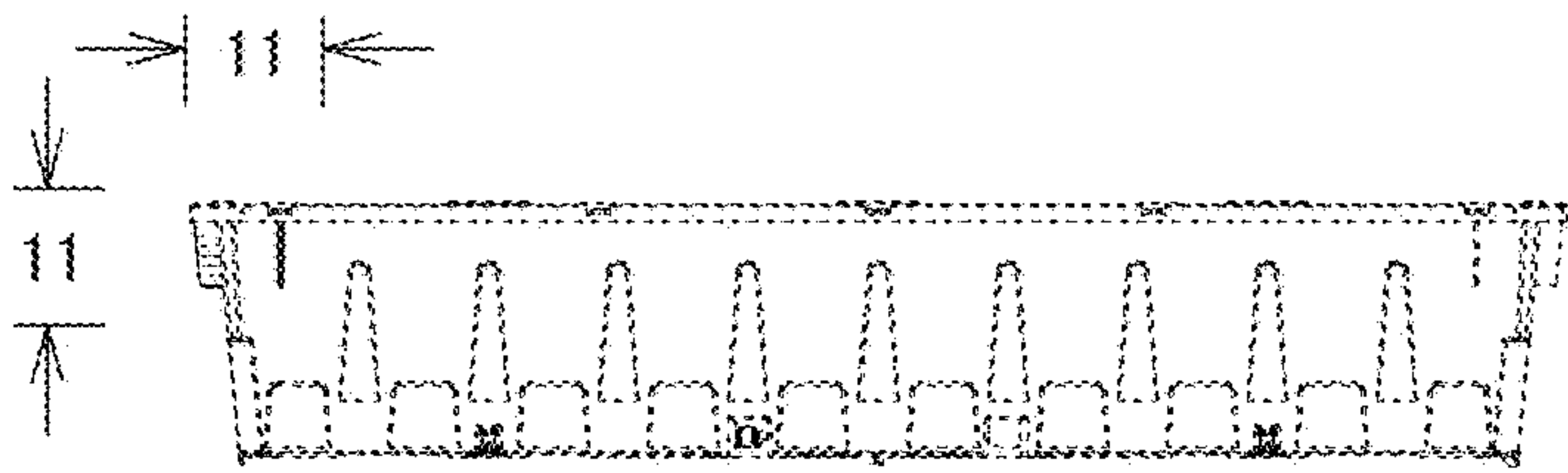


FIG.6



FIG.7

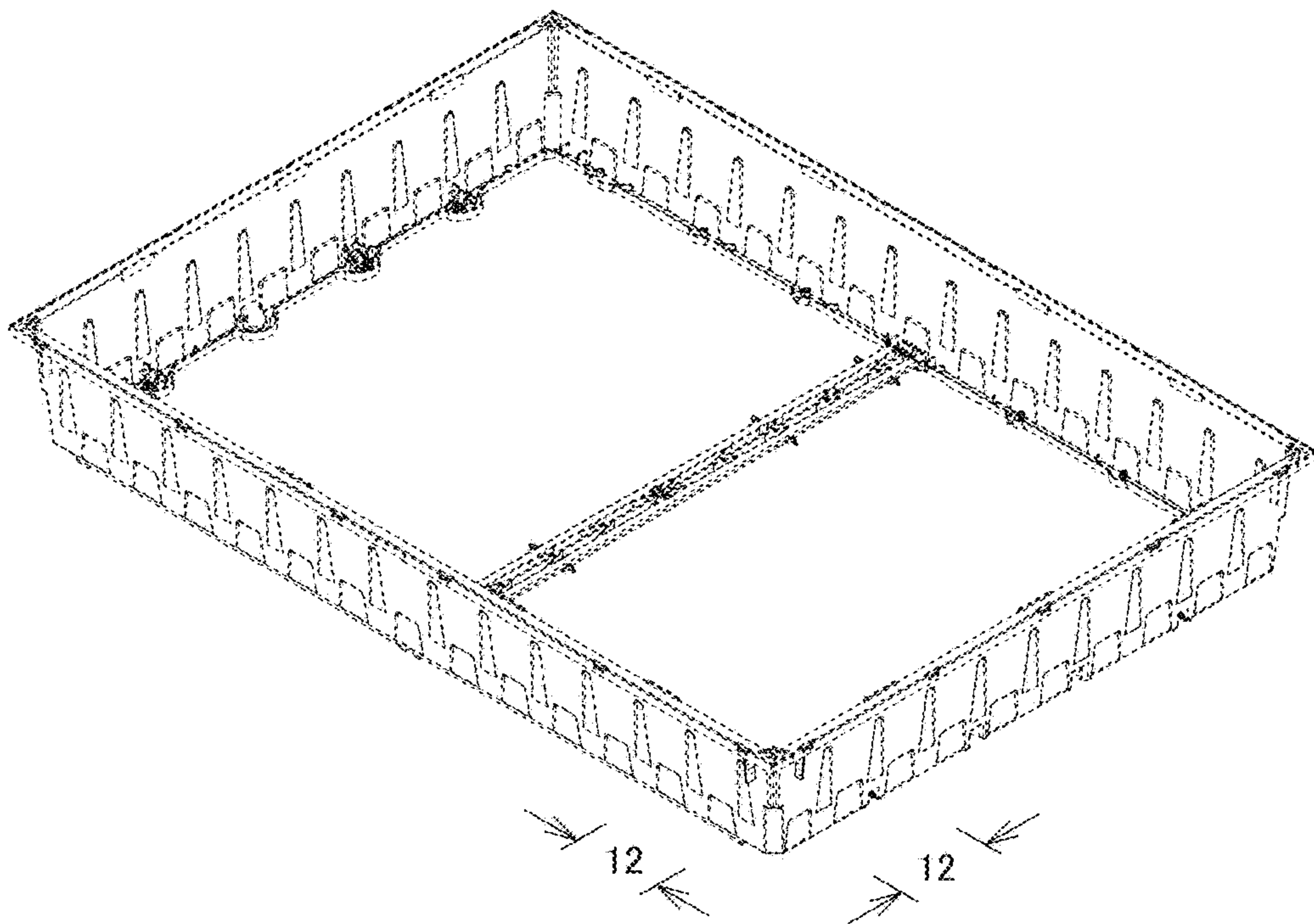


FIG.8

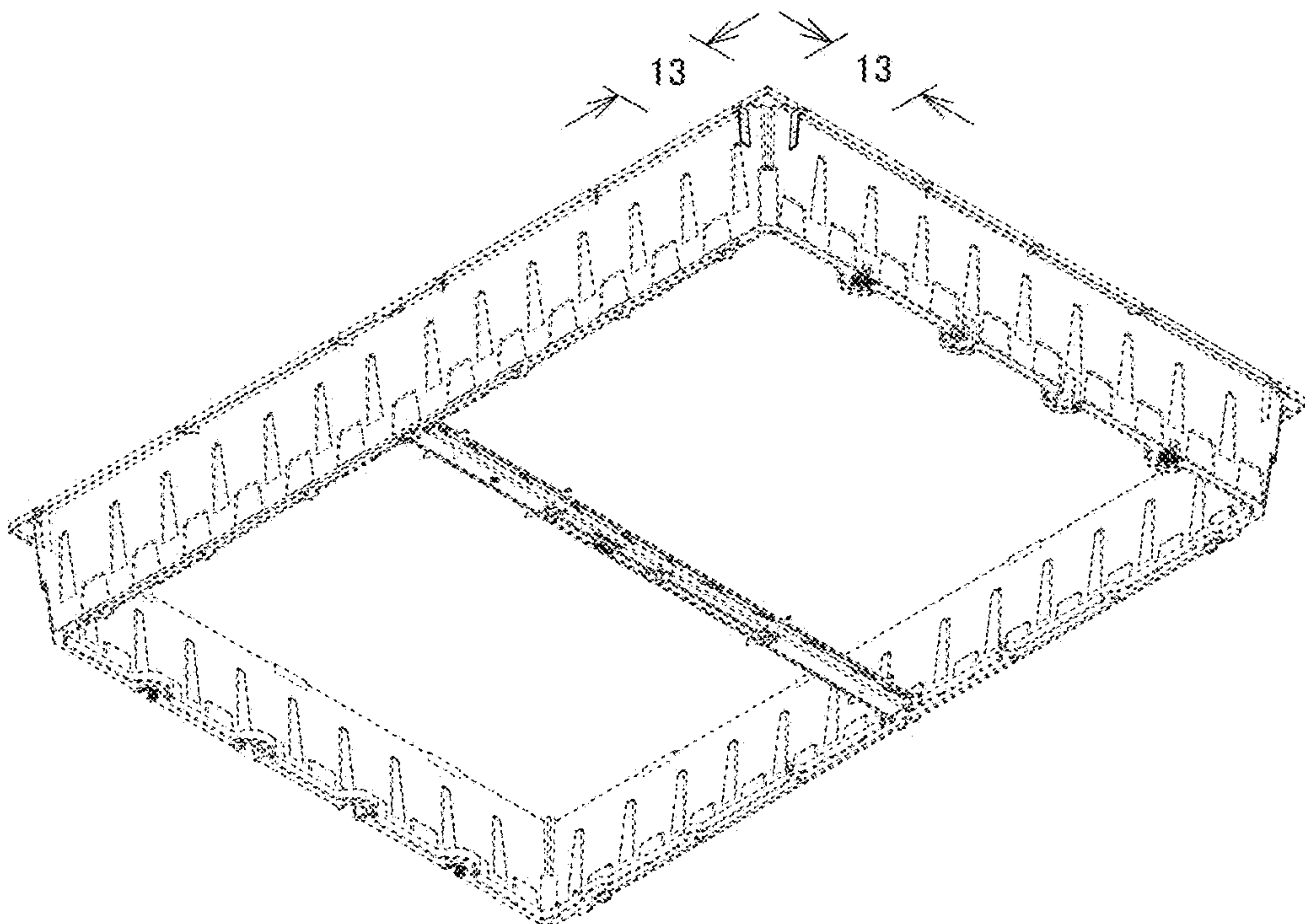


FIG.9

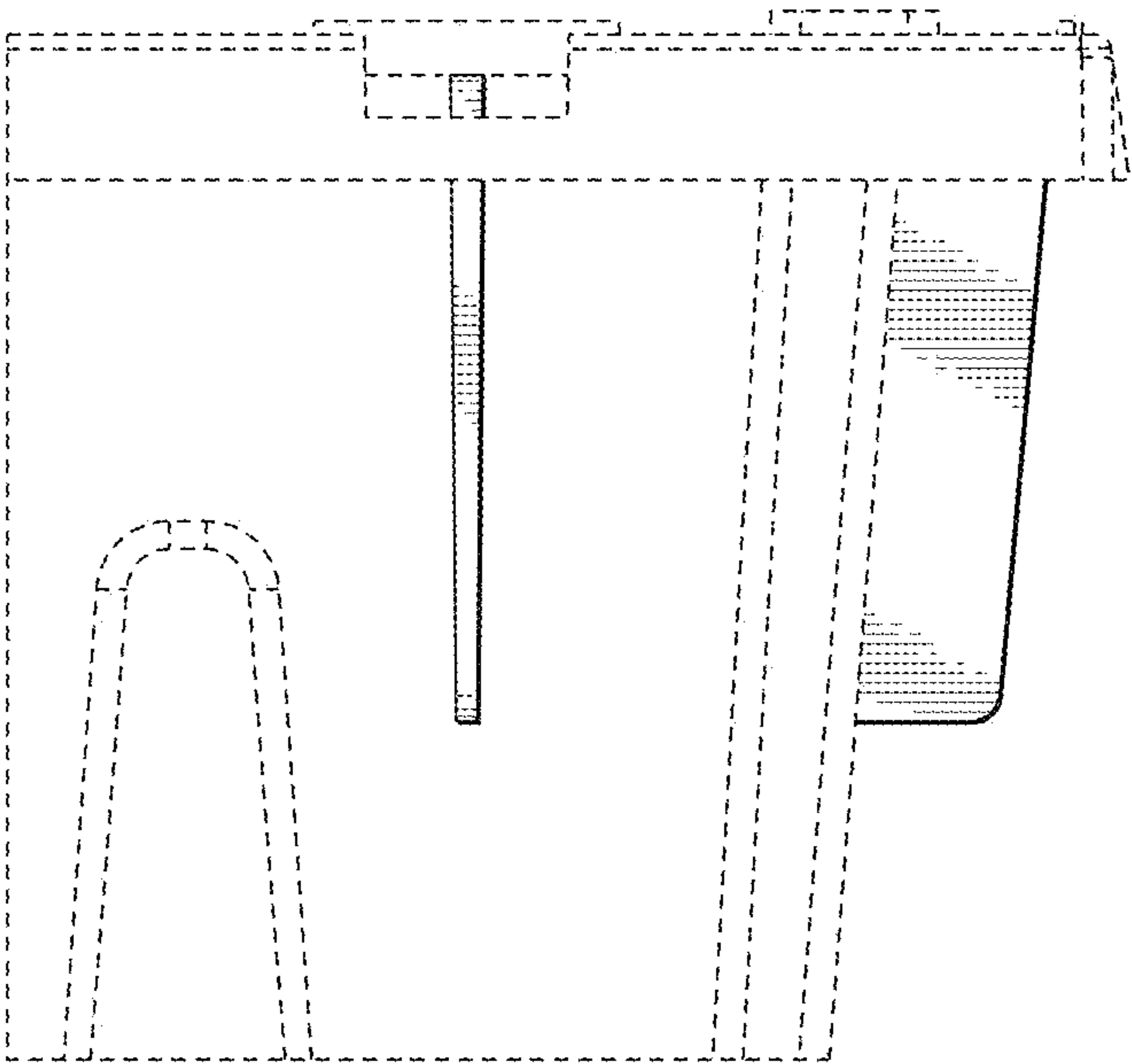


FIG.10

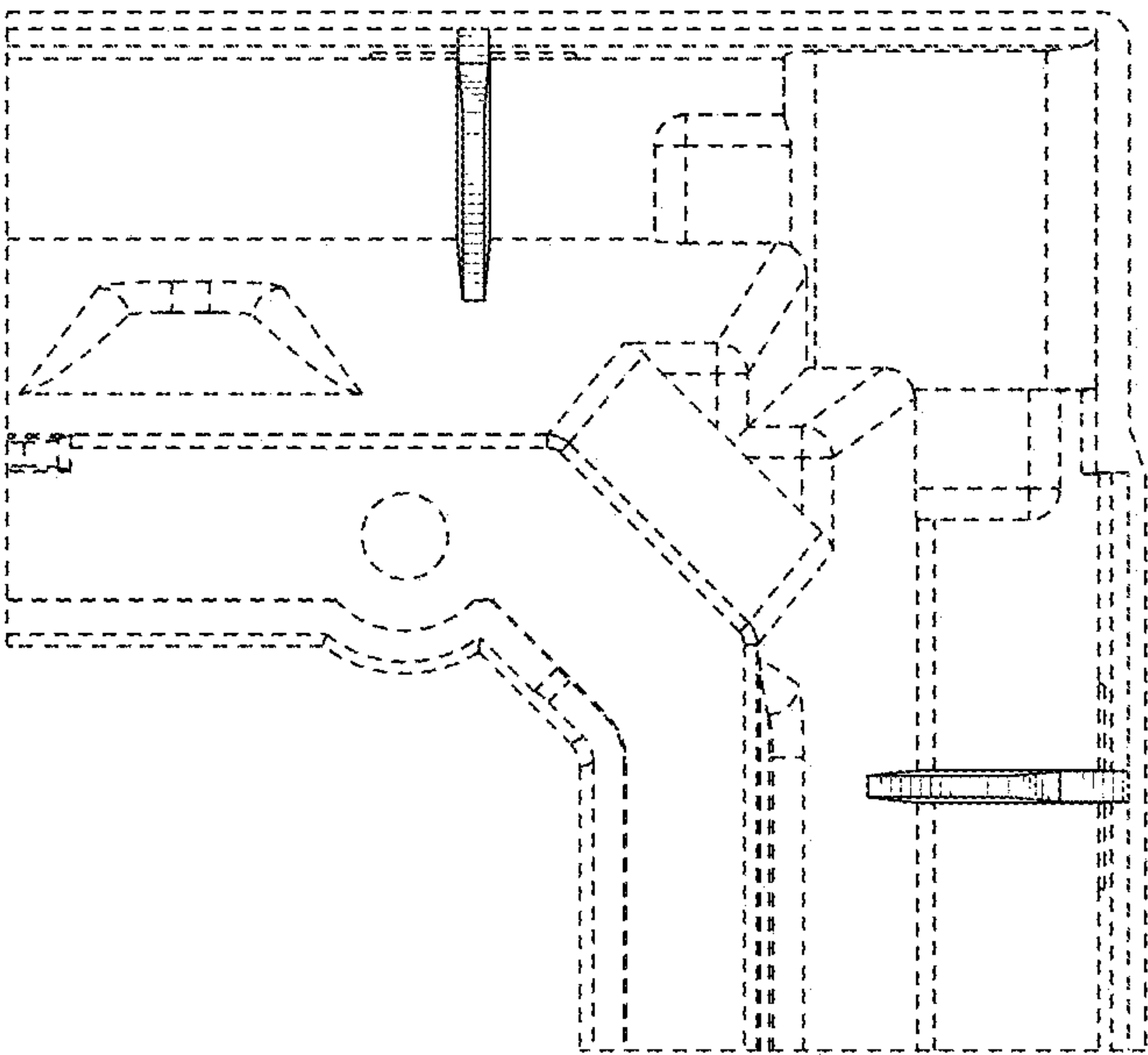


FIG.11

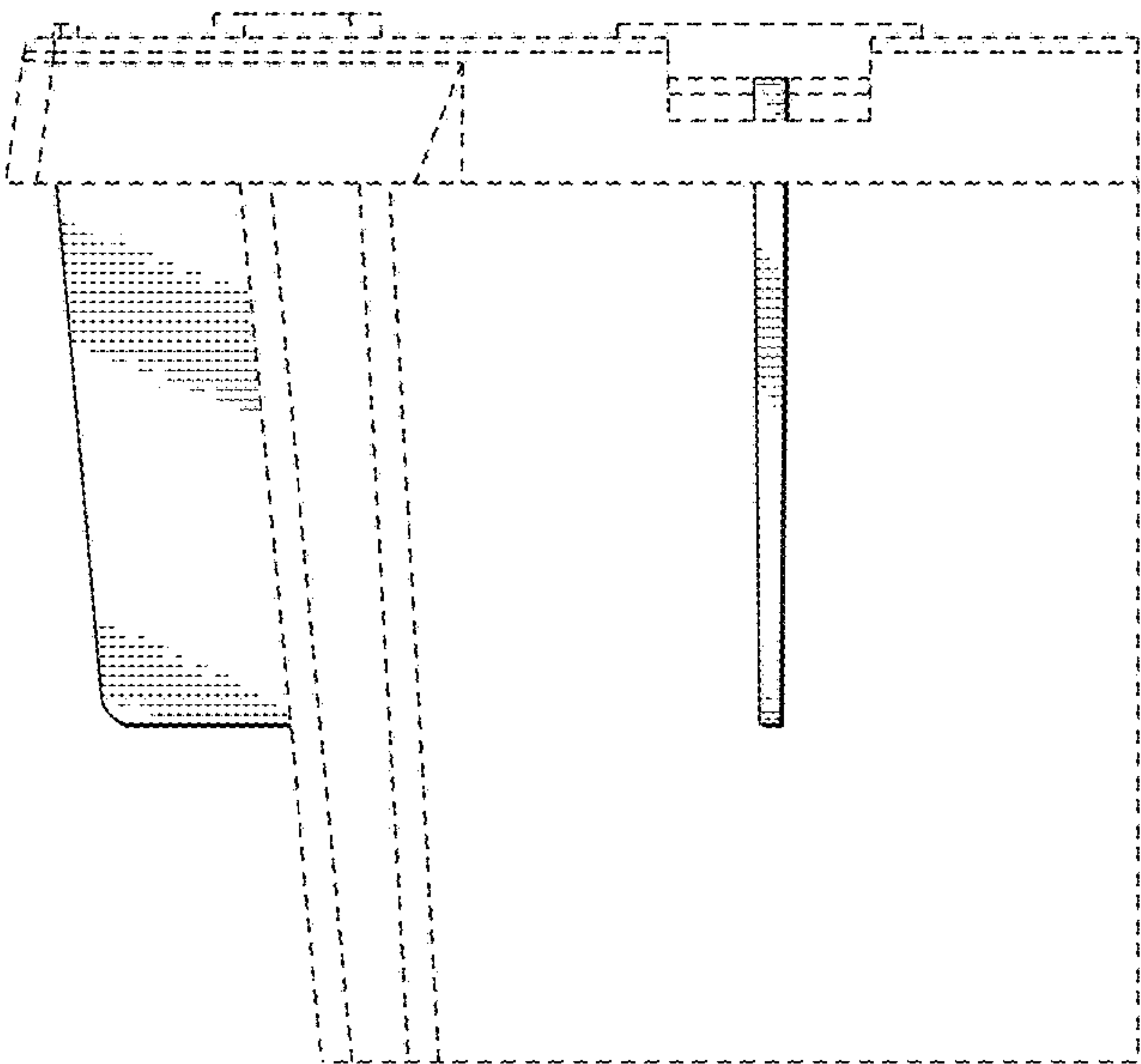


FIG.12

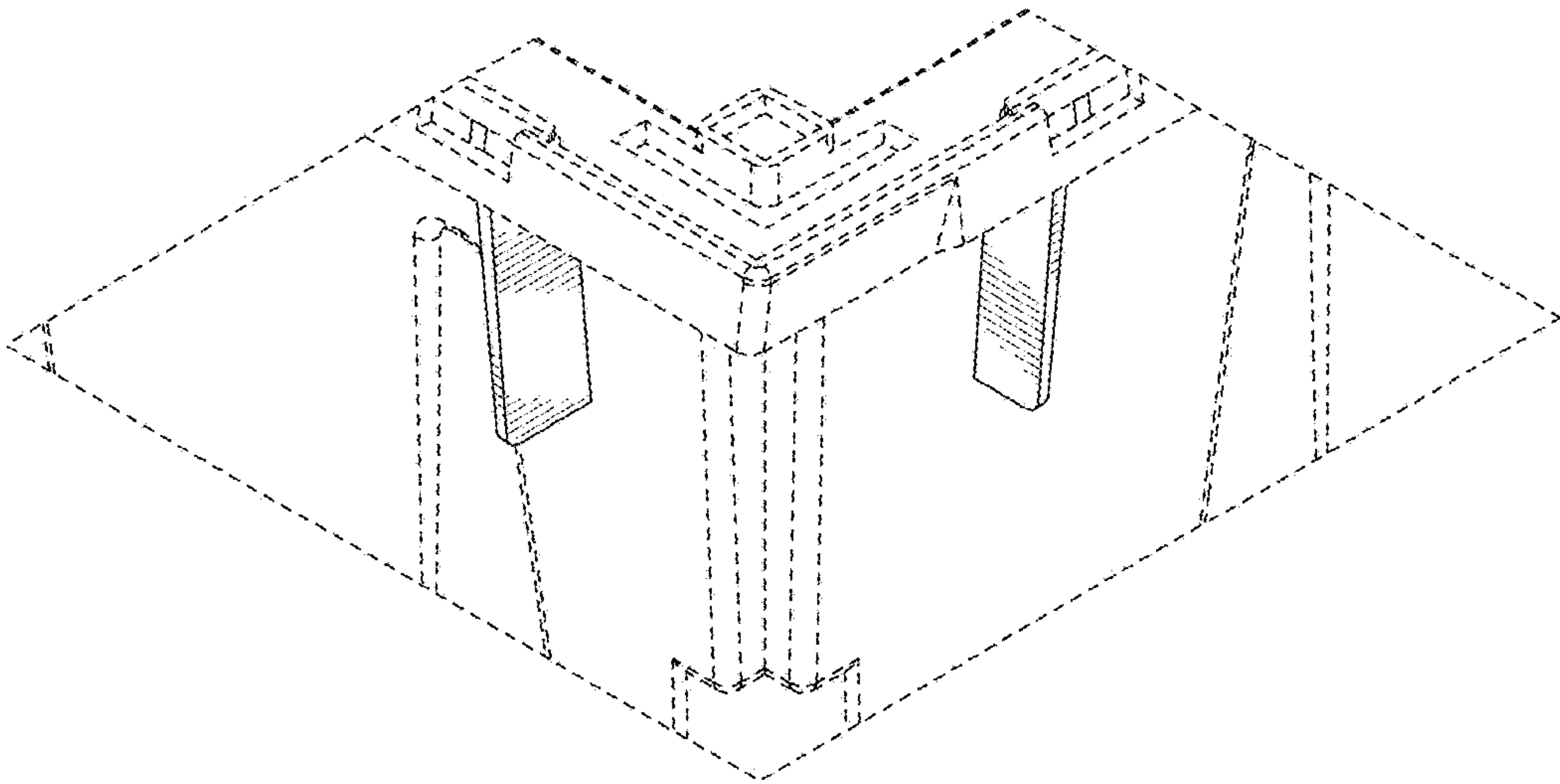


FIG.13

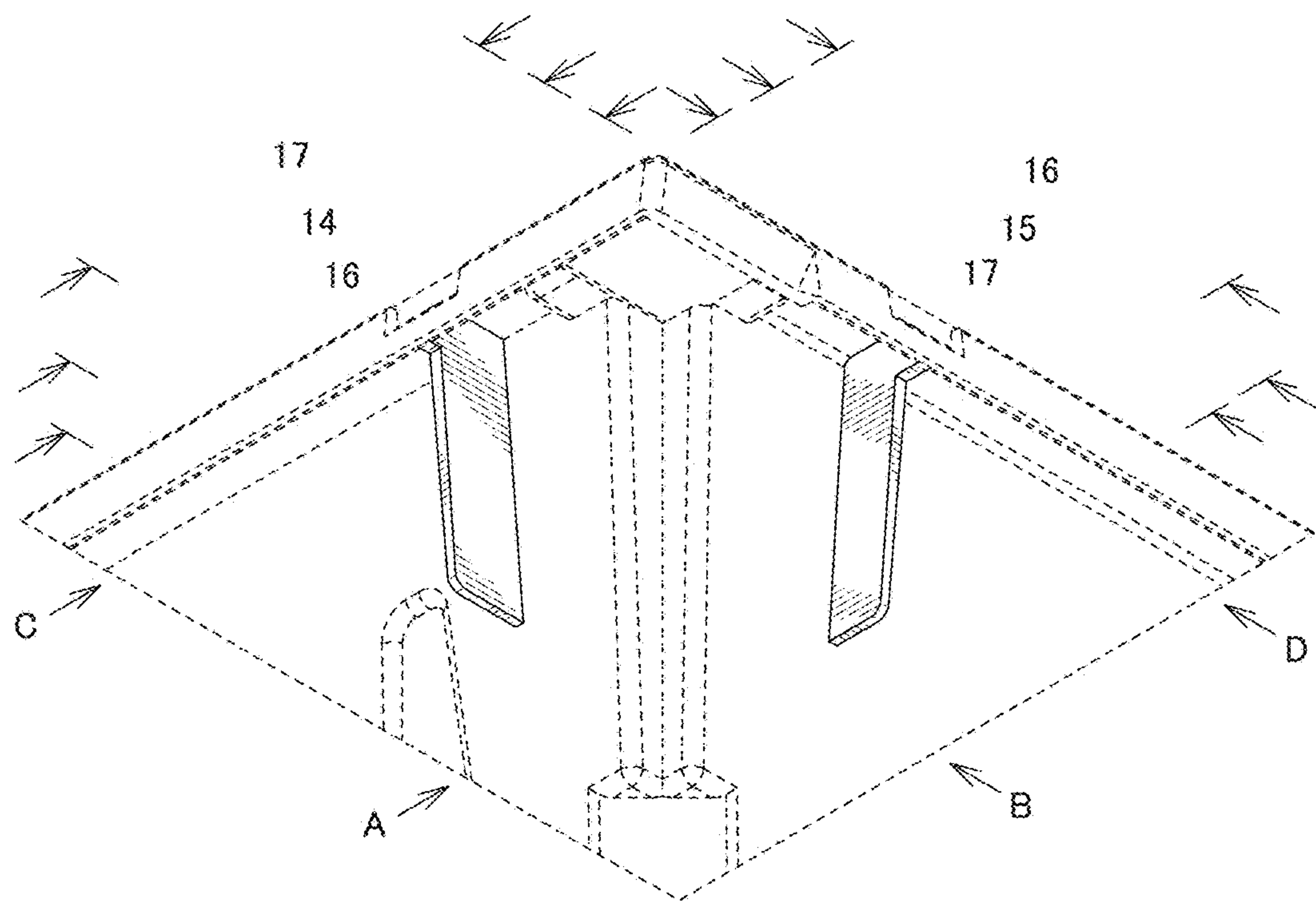


FIG.14

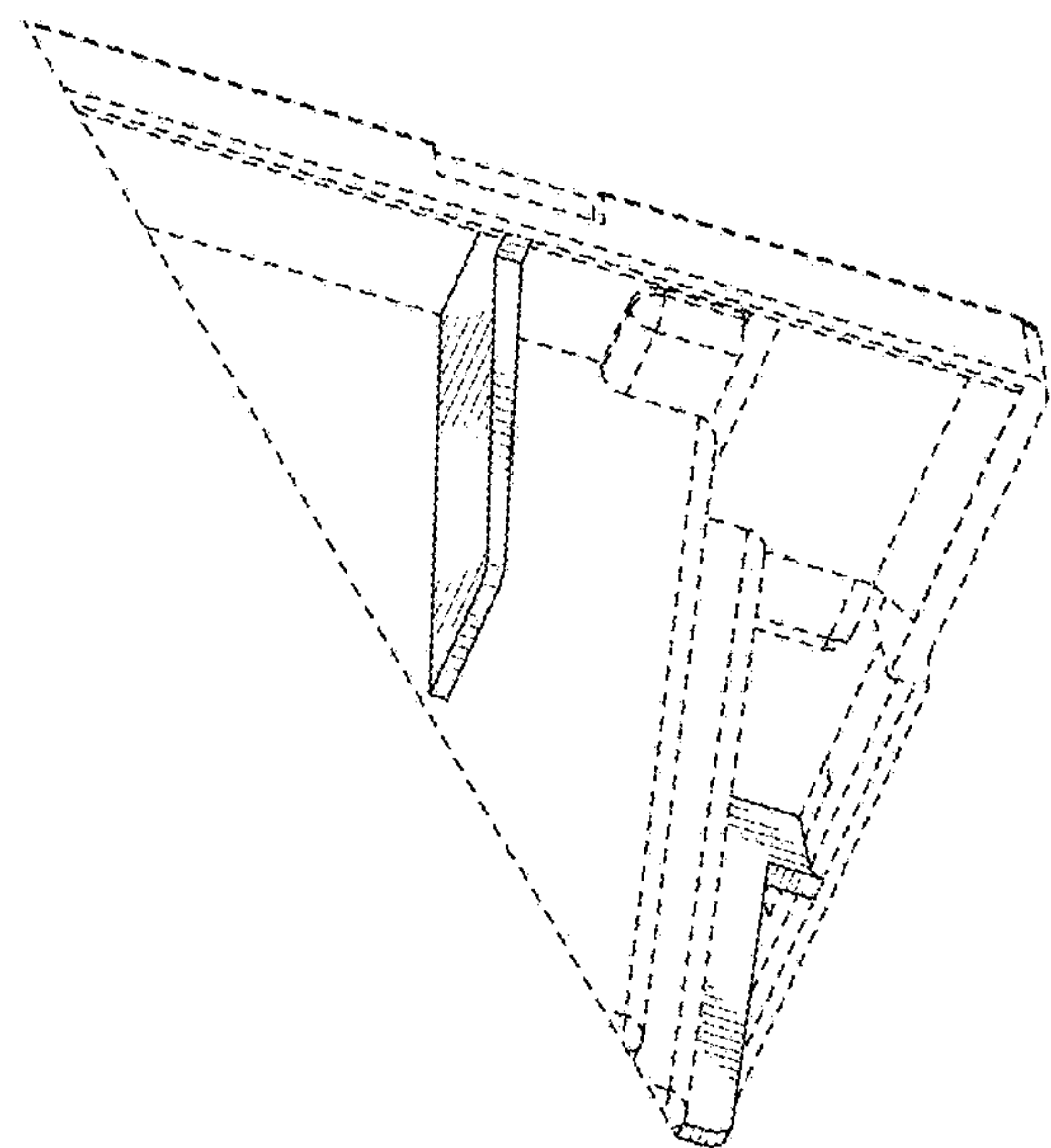


FIG.15

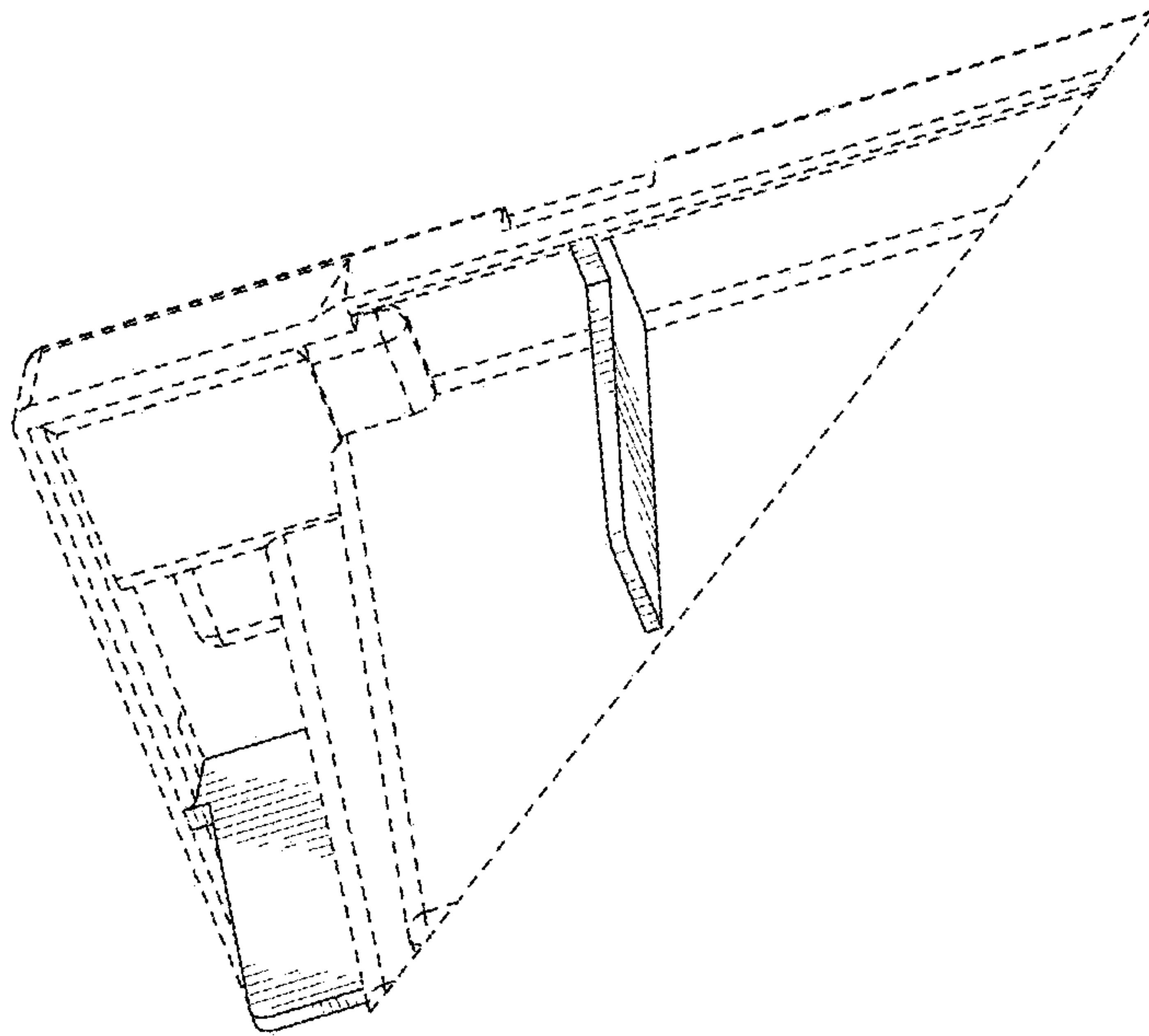


FIG.16

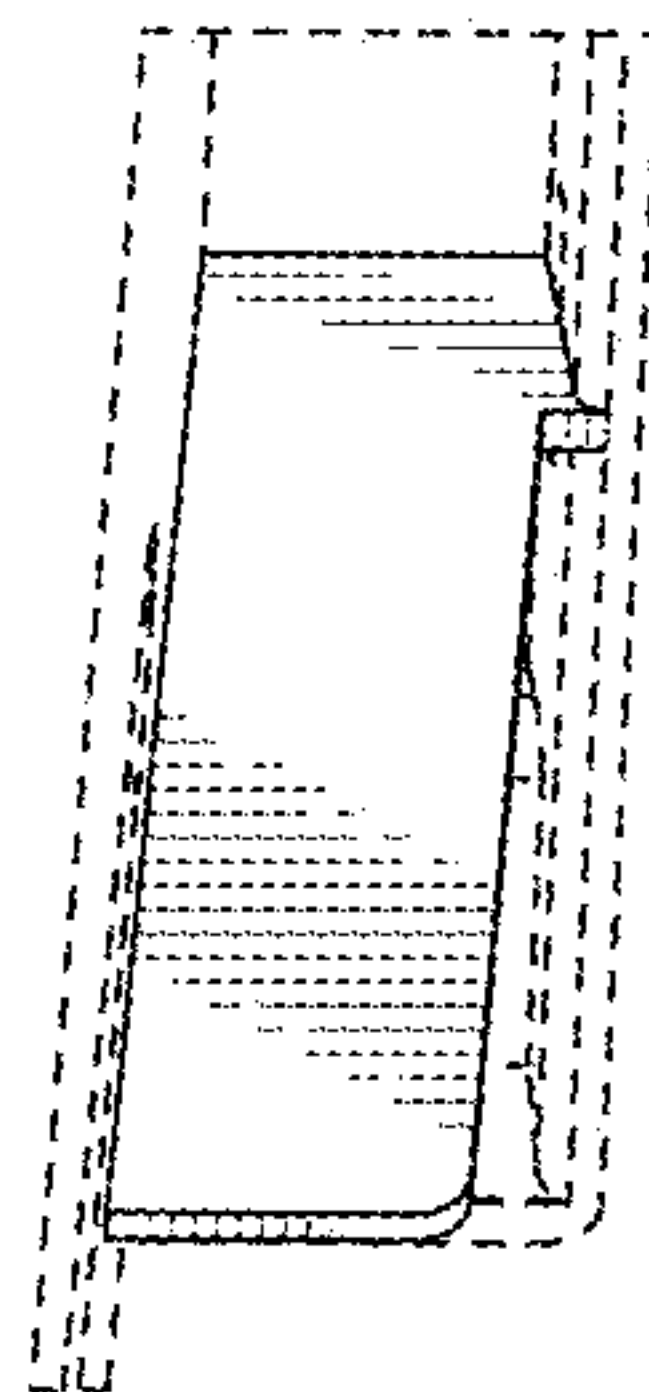


FIG.17

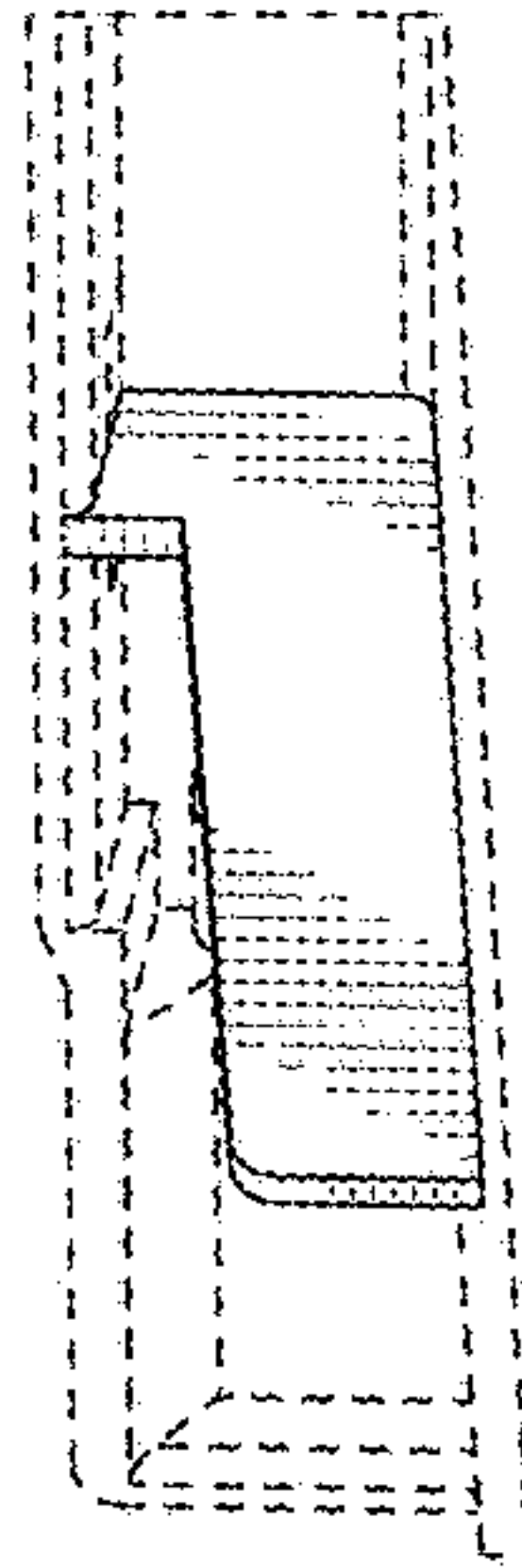


FIG.18

