



US00D986227S

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

(10) **Patent No.:** **US D986,227 S**

(45) **Date of Patent:** **** May 16, 2023**

(54) **WAVEGUIDE**

(71) Applicant: **Mitsubishi Electric Corporation,**
Tokyo (JP)

(72) Inventors: **Yu Ushijima,** Tokyo (JP); **Hidenori Yukawa,** Tokyo (JP); **Motomi Watanabe,** Tokyo (JP); **Toru Okagaki,** Tokyo (JP)

(73) Assignee: **Mitsubishi Electric Corporation,**
Tokyo (JP)

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

(21) Appl. No.: **29/720,070**

(22) Filed: **Jan. 9, 2020**

(30) **Foreign Application Priority Data**

Aug. 6, 2019 (JP) 2019-017499
Aug. 6, 2019 (JP) 2019-017500

(51) **LOC (14) Cl.** **14-03**

(52) **U.S. Cl.**
USPC **D14/230**

(58) **Field of Classification Search**
USPC ... D14/159, 208, 209.1, 215, 216, 217, 219,
D14/221, 222, 223, 224, 224.1, 225, 226,
(Continued)

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Primary Examiner — Messina L Smith

(74) *Attorney, Agent, or Firm* — Studebaker & Brackett PC

(57) **CLAIM**

The ornamental design for a waveguide, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the front, left, and top sides of a waveguide showing a first embodiment of our new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a left side view thereof;

FIG. 5 is a right side view thereof;

FIG. 6 is a top plan view thereof, a bottom view being a mirror image thereof;

FIG. 7 is an enlarged perspective view of the waveguide taken along lines 7-7 in FIG. 1;

FIG. 8 is an enlarged cross-sectional view of the waveguide taken in the direction of lines 8-8 in FIGS. 2 and 6;

FIG. 9 is a perspective view of the front, left, and top sides of a waveguide showing a second embodiment of our new design;

FIG. 10 is a front view thereof;

FIG. 11 is a rear view thereof;

FIG. 12 is a left side view thereof;

FIG. 13 is a right side view thereof;

FIG. 14 is a top plan view thereof, a bottom view being a mirror image thereof;

FIG. 15 is an enlarged perspective view of the waveguide taken along lines 15-15 in FIG. 9; and,

(Continued)

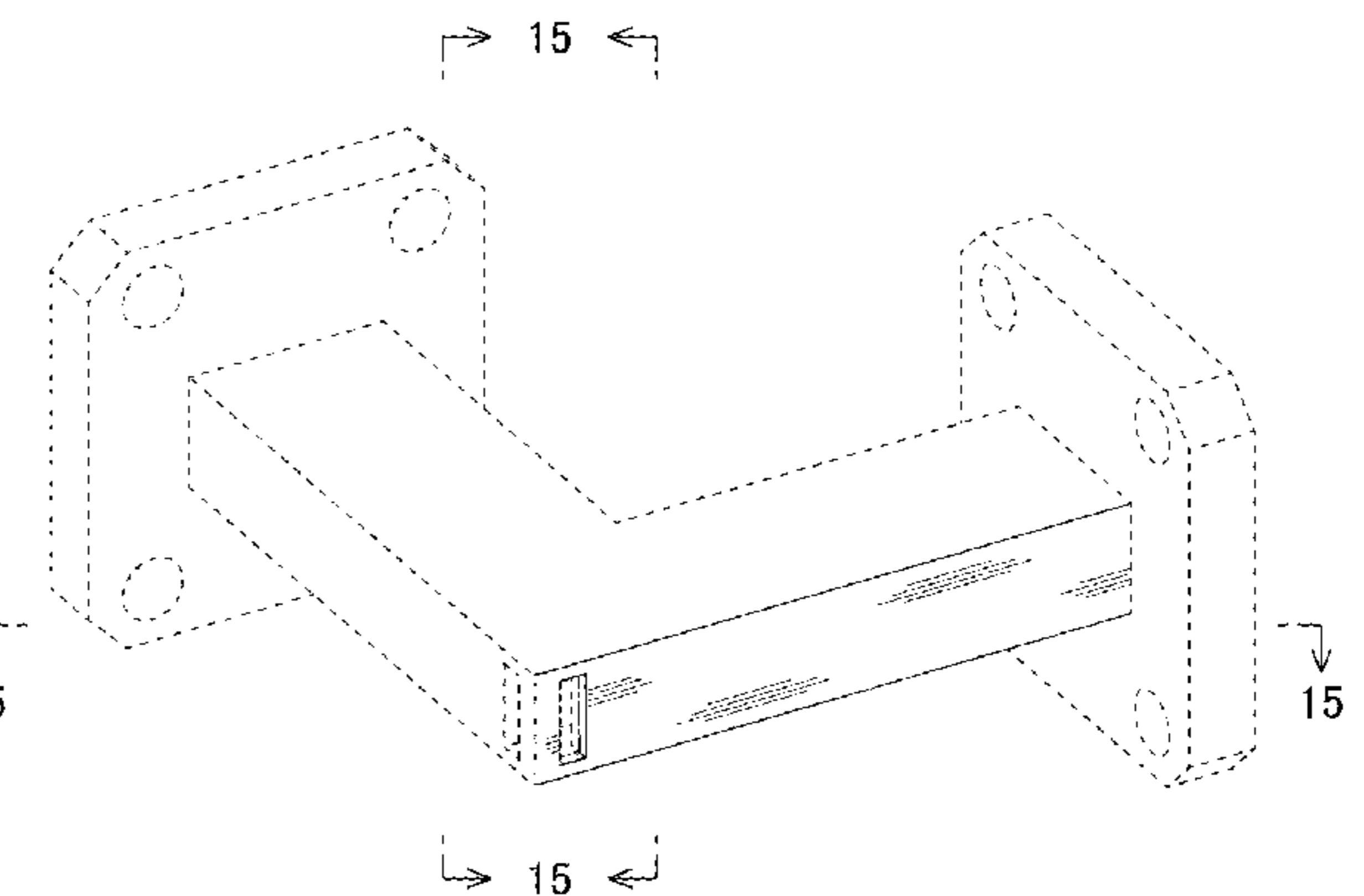
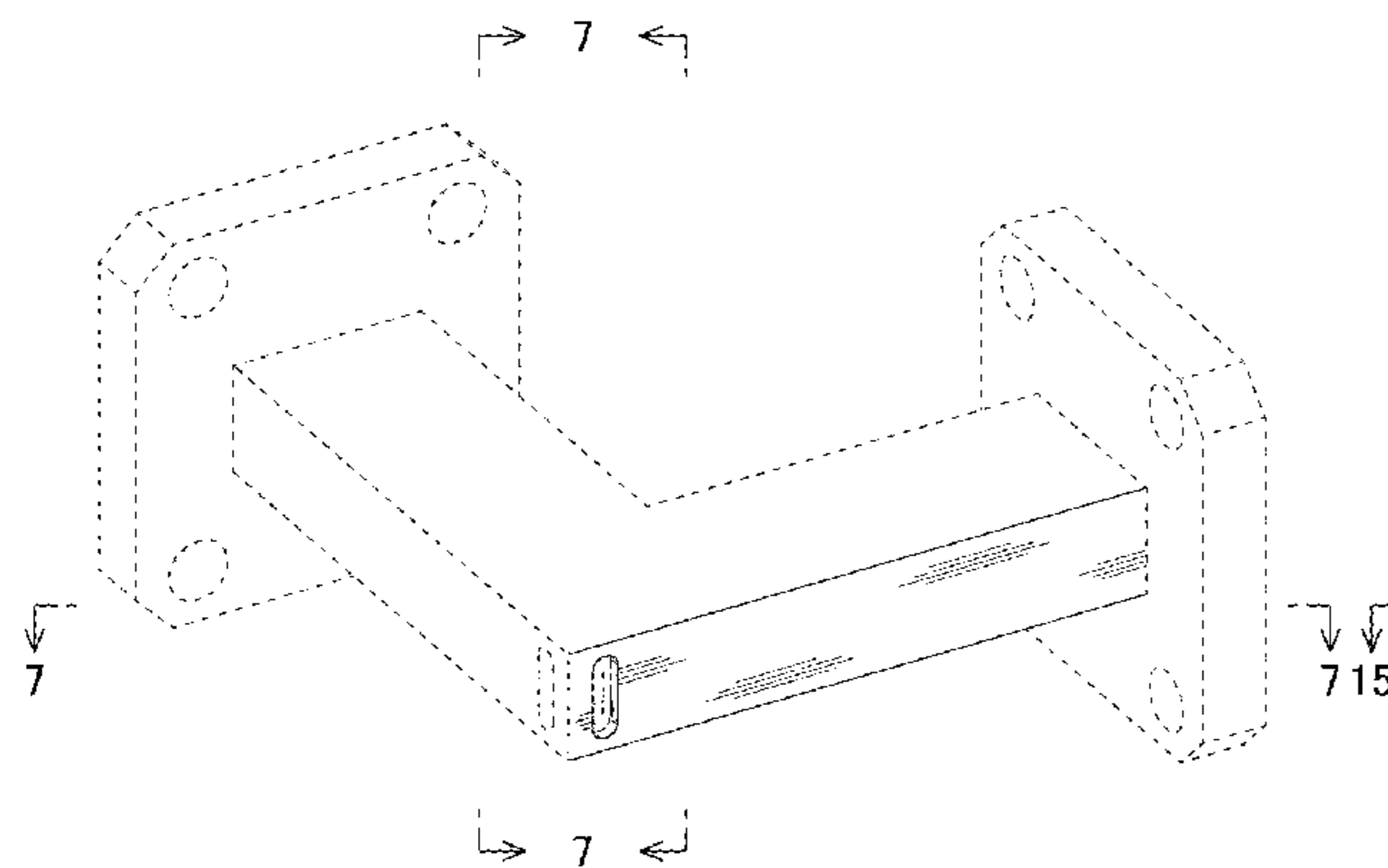


FIG. 16 is an enlarged cross-sectional view of the waveguide taken in the direction of lines 16-16 in FIGS. 10 and 14. The outer peripheral dashed broken lines in FIGS. 7, 8, 15, and 16 indicate the boundaries of the enlarged portions and form no part of the claimed design. The remaining dashed broken lines depict portions of the waveguide that form no part of the claimed design. The dash-dot broken lines depict the boundary of the claim and form no part of the claimed design.

1 Claim, 16 Drawing Sheets

(58) **Field of Classification Search**

USPC D14/228, 229, 230, 238, 344, 345, 299;
D3/201, 273, 274, 294, 295; D13/108
CPC .. A45F 3/00; A45F 3/001; A45F 3/002; A45F
3/14; A45F 3/142; A45F 3/144; A45F
3/146; A45F 3/148; H04R 2420/07; H04R
5/02; H04R 1/403; H04R 2201/028;
G06F 1/1628; G06F 1/1626; A47B
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See application file for complete search history.

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FIG. 1

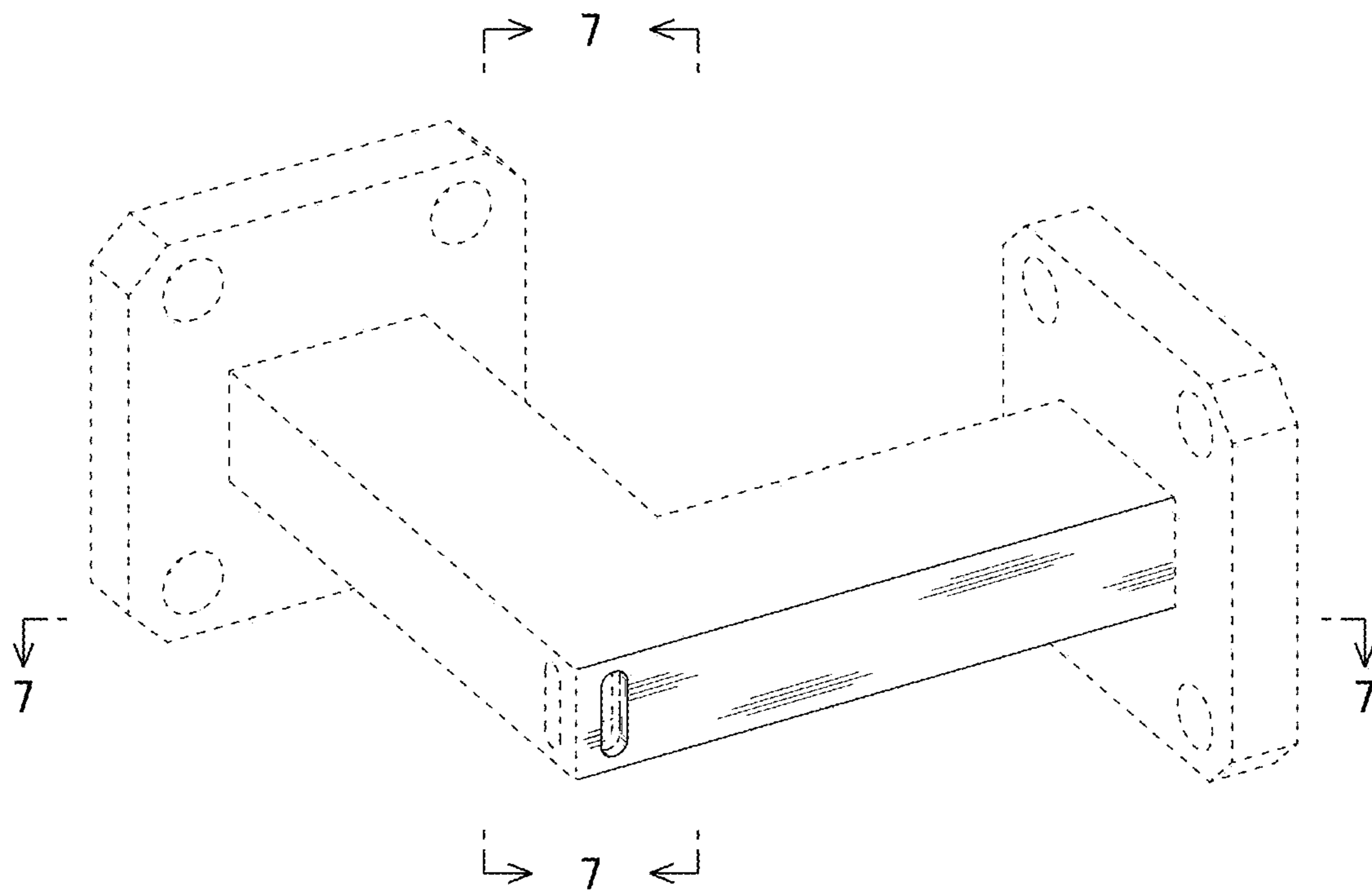


FIG. 2

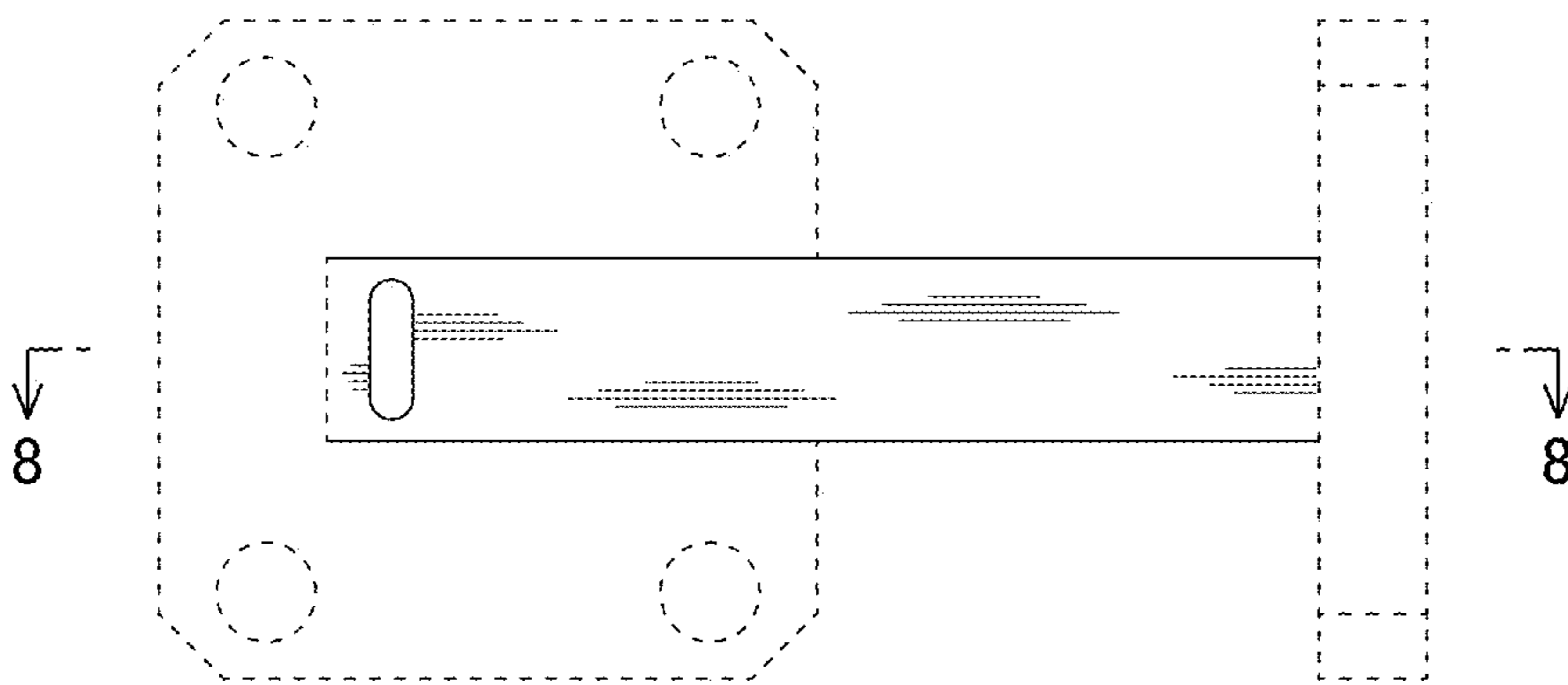


FIG. 3

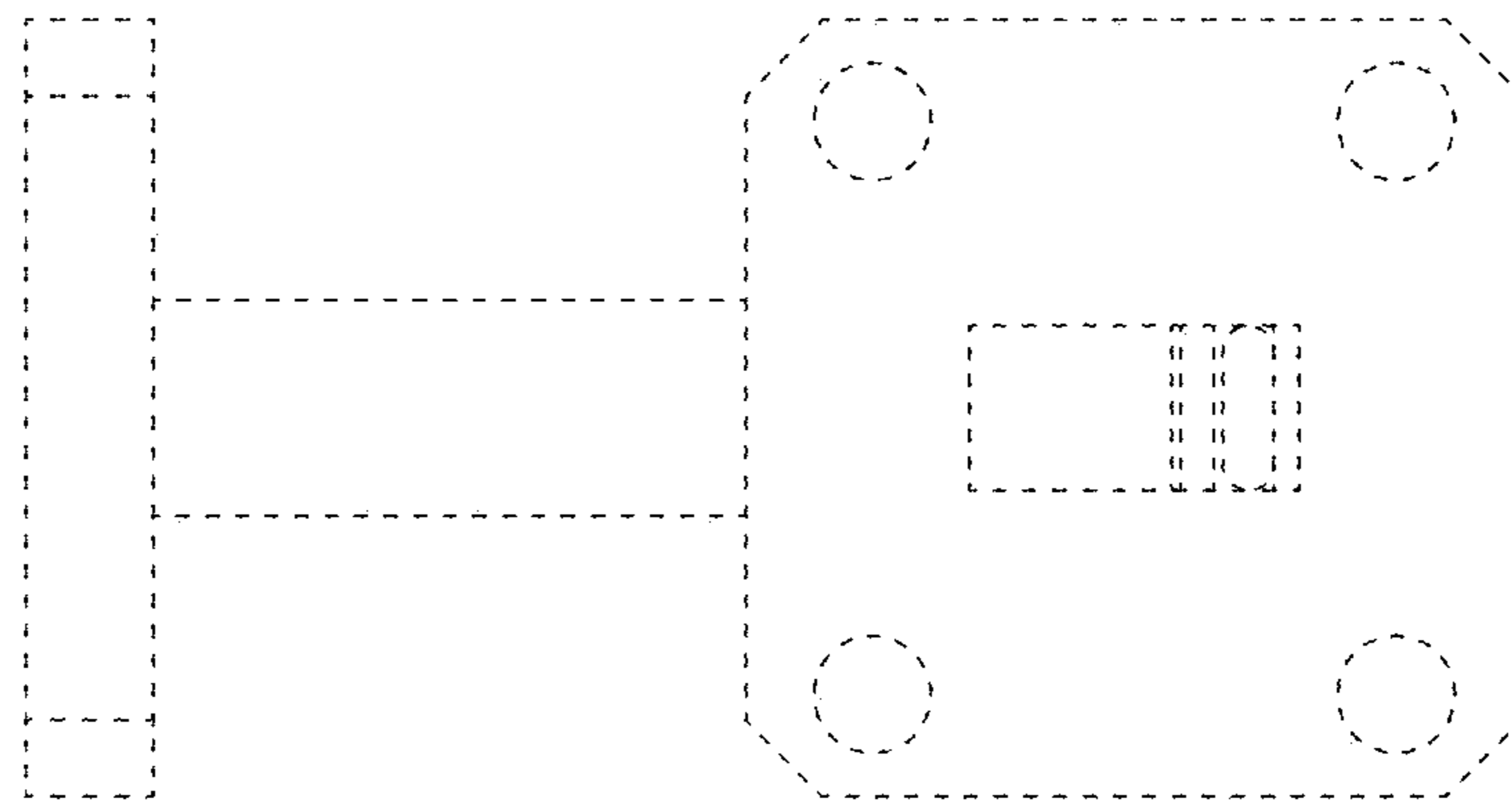


FIG. 4

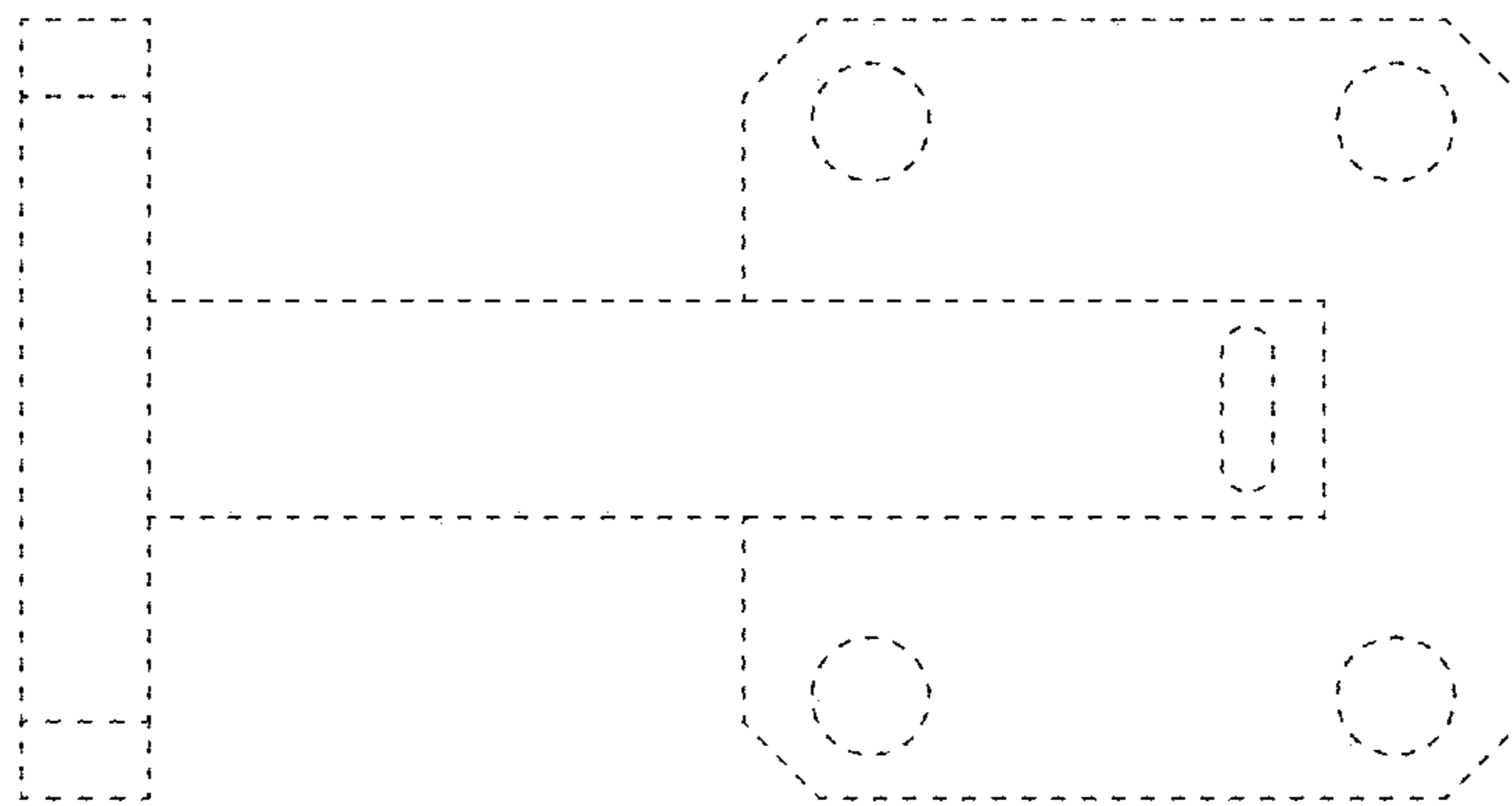


FIG. 5

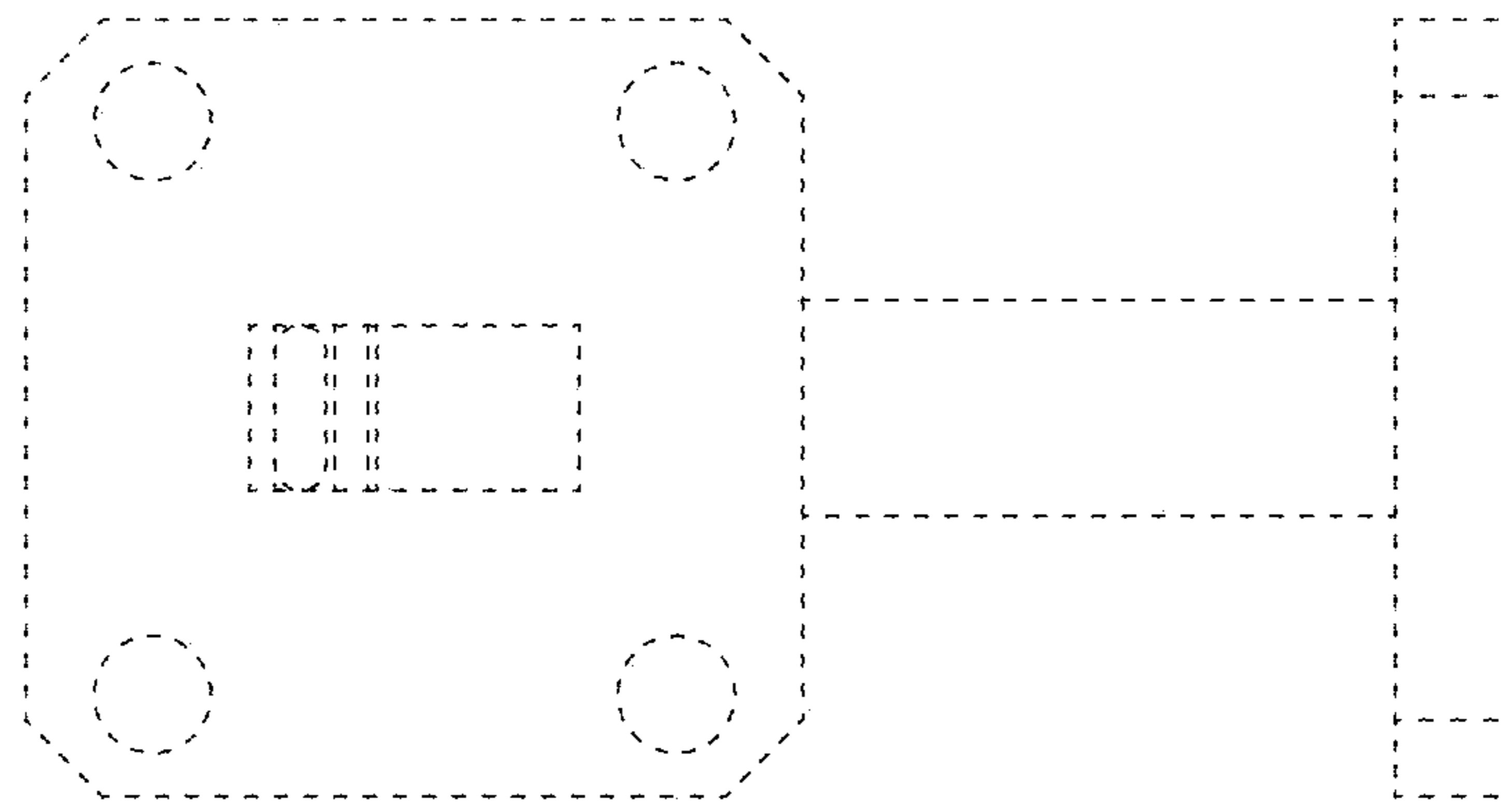


FIG. 6

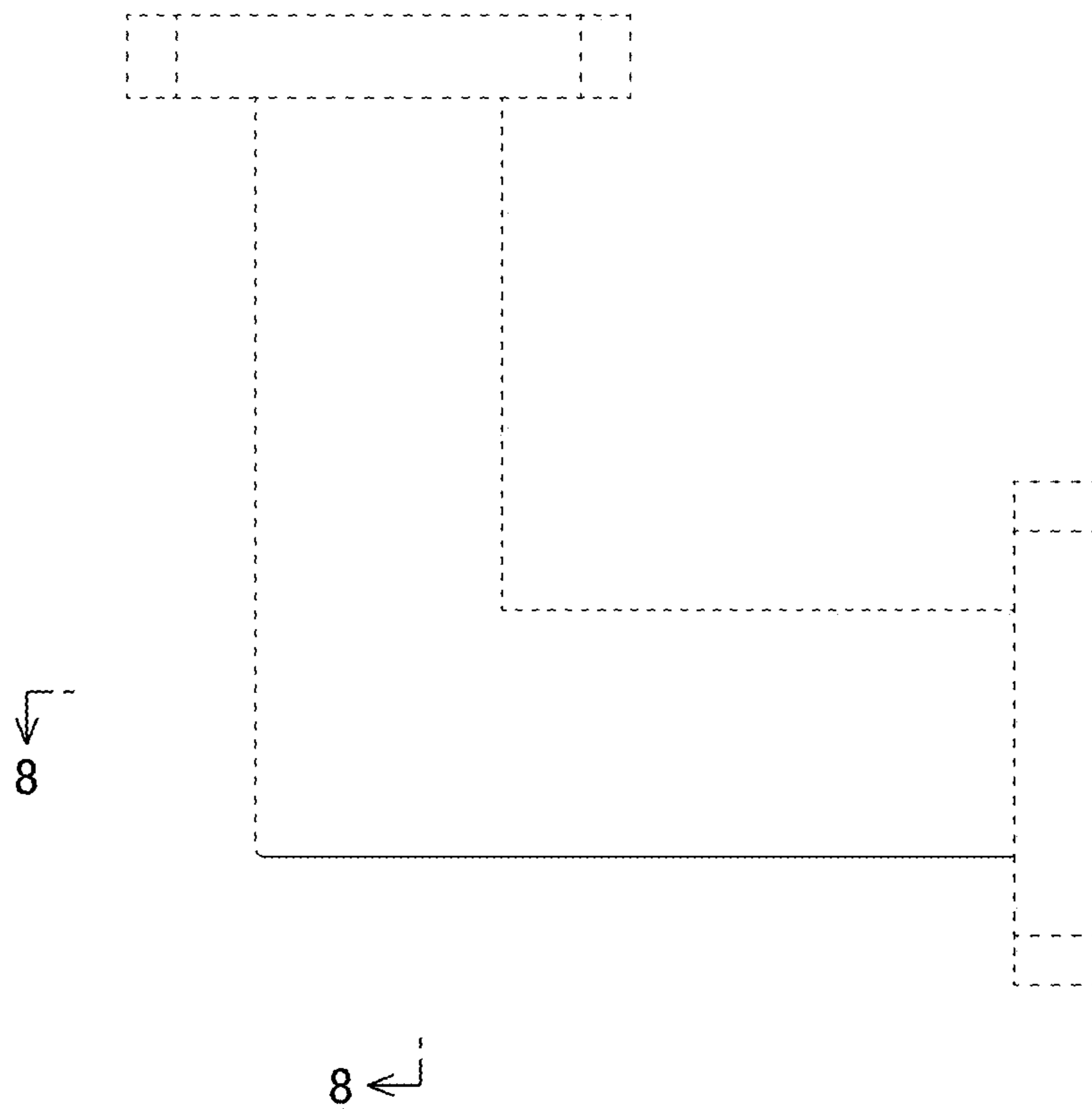


FIG. 7

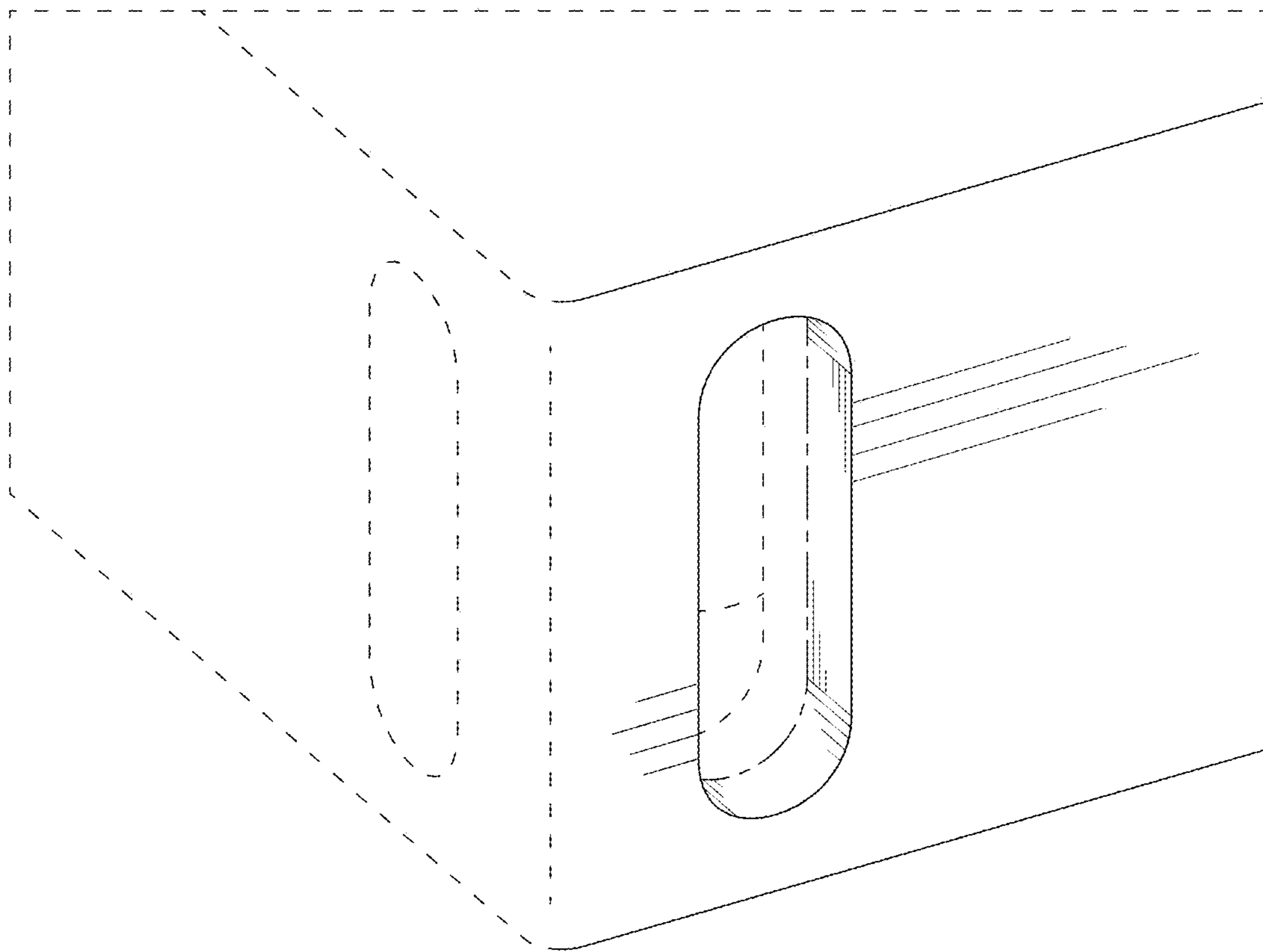


FIG. 8

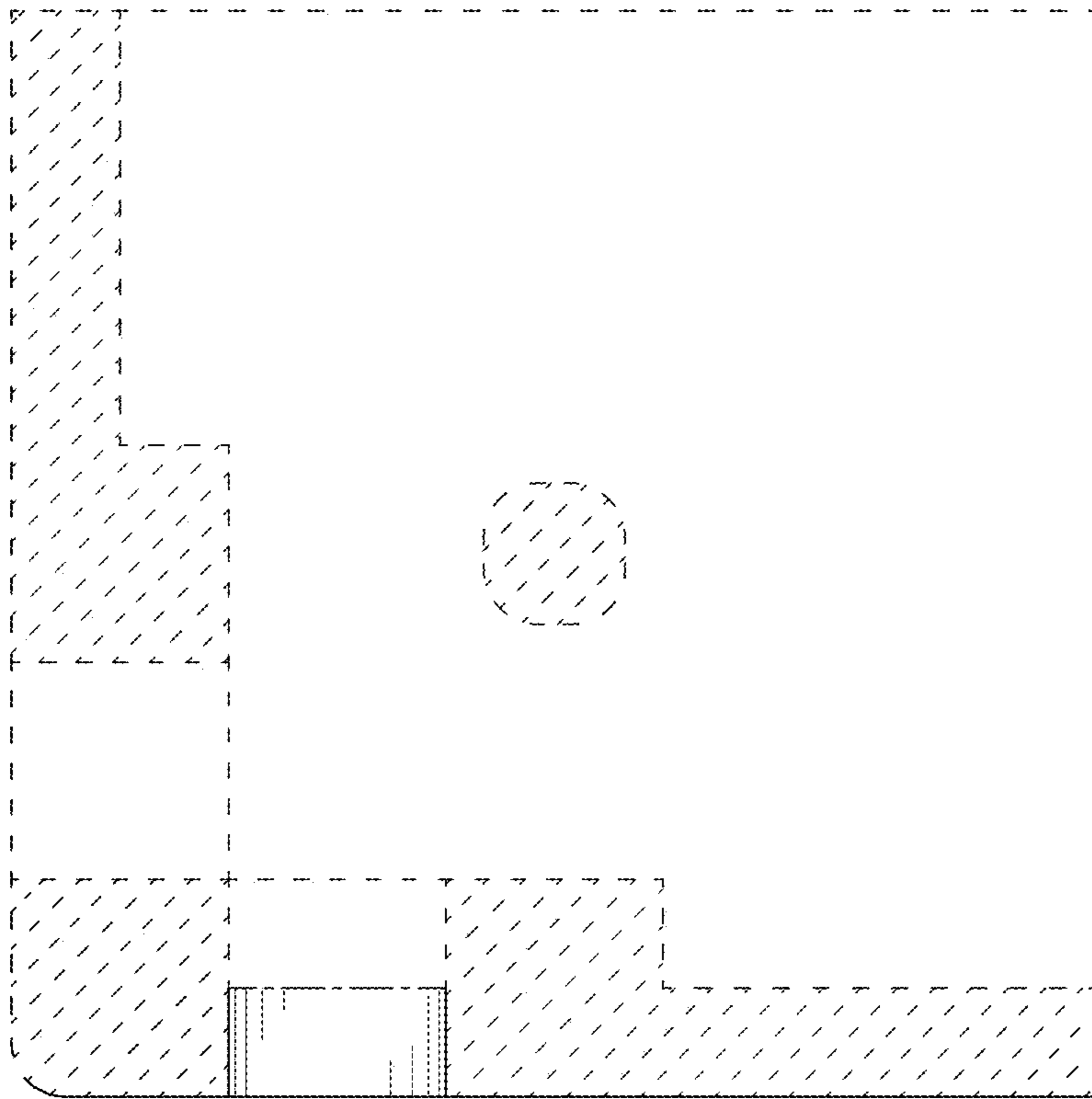


FIG. 9

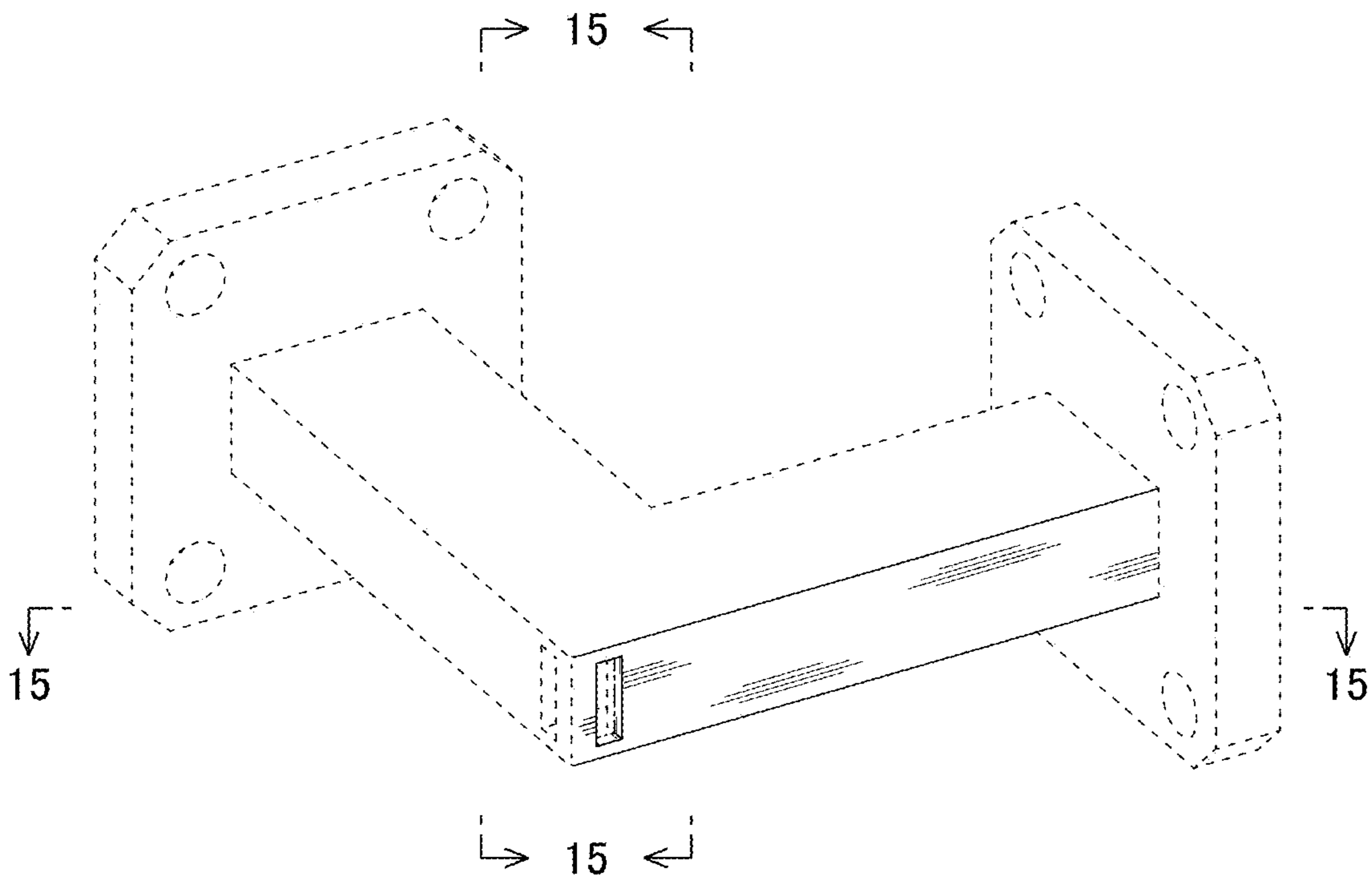


FIG. 10

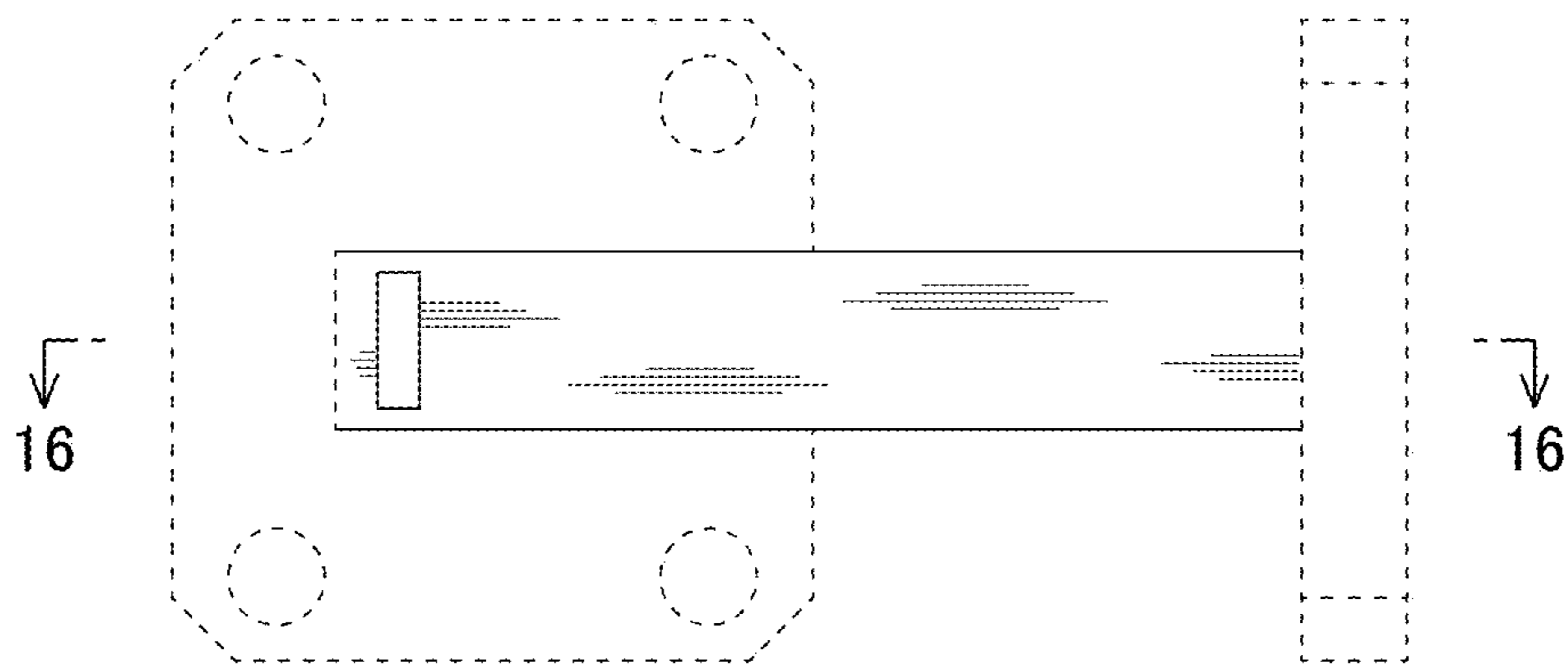


FIG. 11

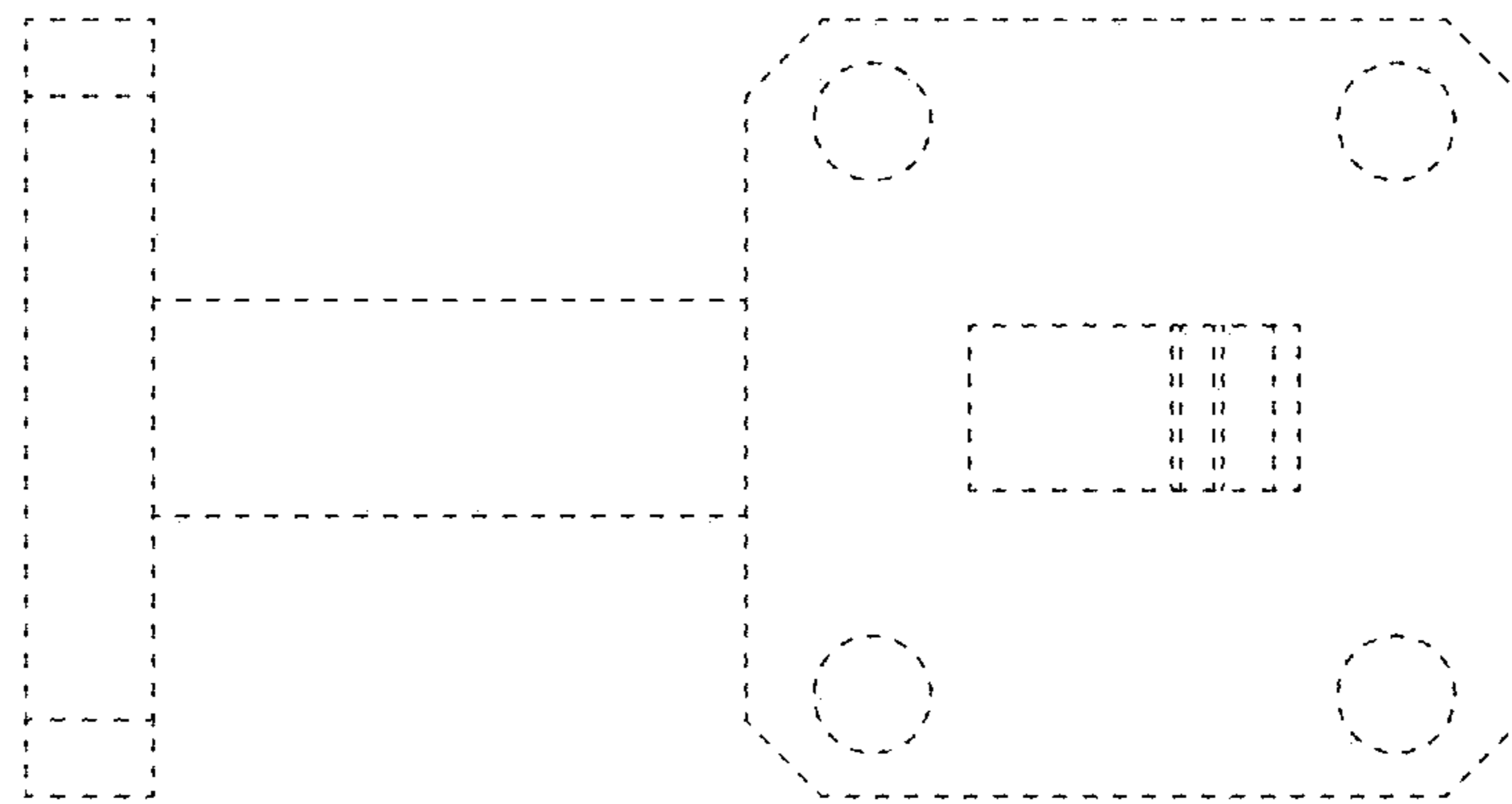


FIG. 12

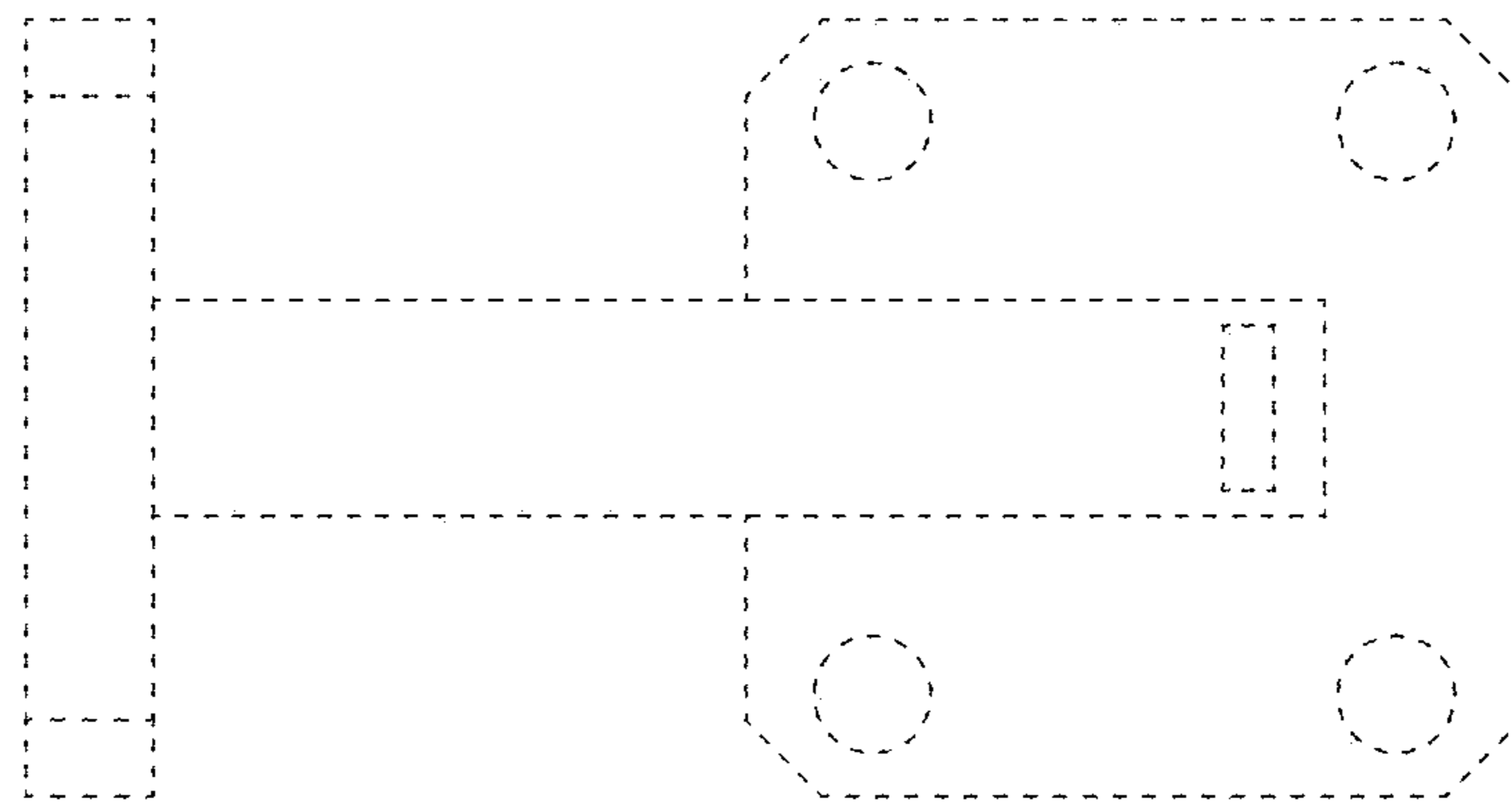


FIG. 13

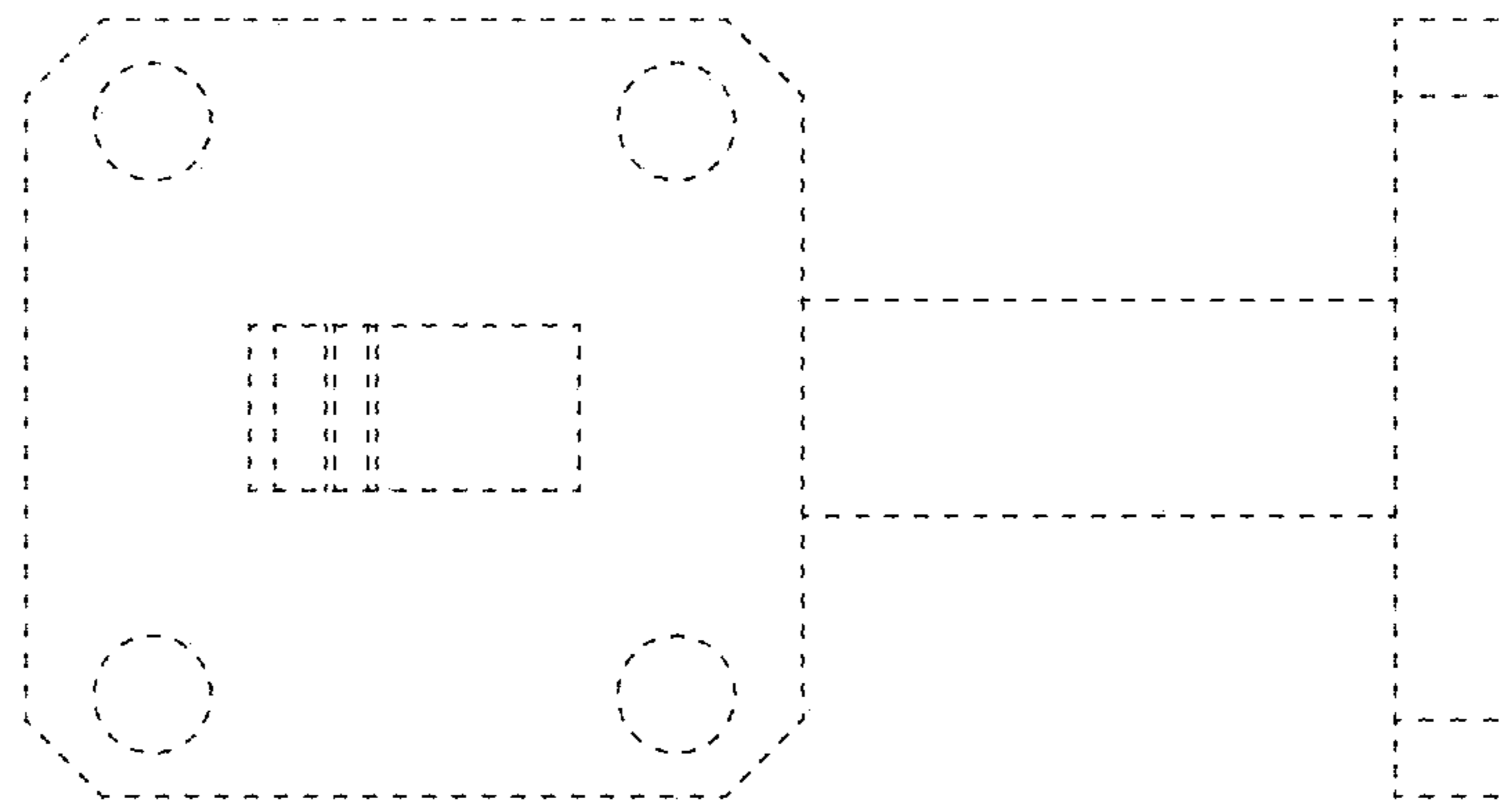


FIG. 14

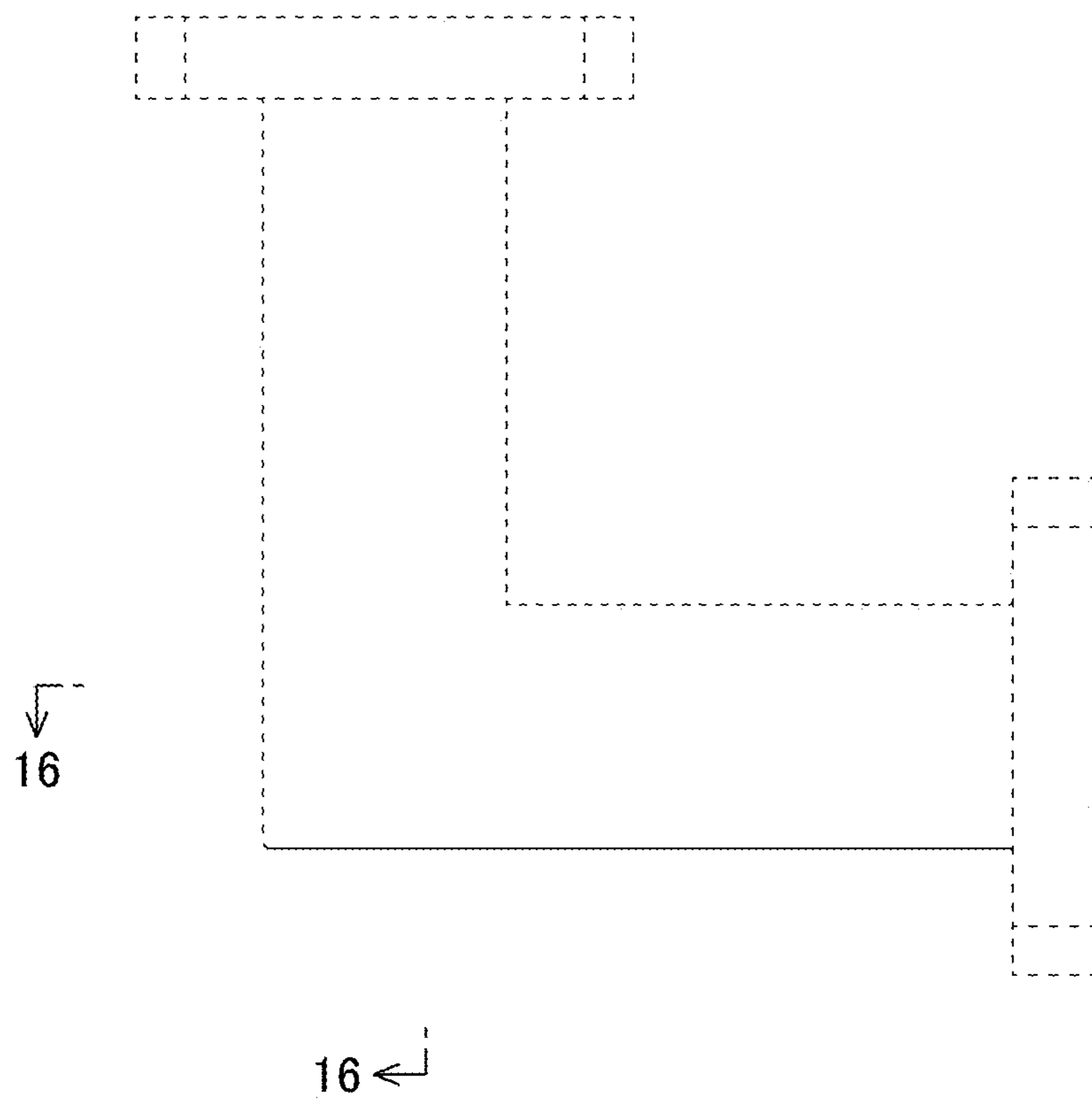


FIG. 15

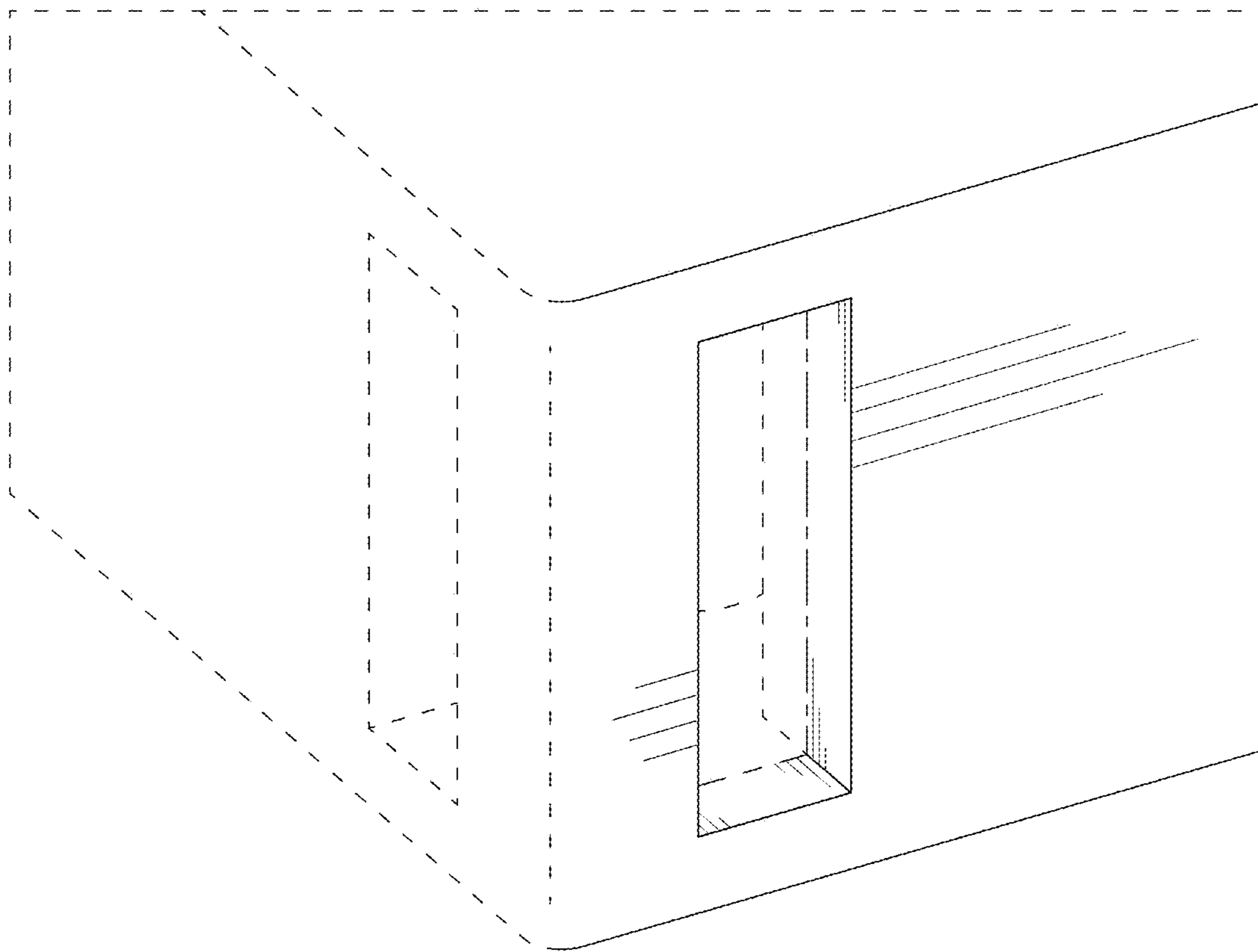


FIG. 16

