



US00D491557S

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

(10) **Patent No.:** **US D491,557 S**

(45) **Date of Patent:** **** Jun. 15, 2004**

(54) **ANTENNA**

(75) Inventors: **Hiroshi Iwai**, Katano (JP); **Koichi Ogawa**, Hirakata (JP)

(73) Assignee: **Matsushita Electric Industrial Co., Ltd.**, Osaka (JP)

(**) Term: **14 Years**

(21) Appl. No.: **29/179,763**

(22) Filed: **Apr. 14, 2003**

(30) **Foreign Application Priority Data**

| | | | |
|---------------|------|-------|-------------|
| Oct. 17, 2002 | (JP) | ..... | 2002-028310 |
| Oct. 17, 2002 | (JP) | ..... | 2002-028311 |
| Oct. 17, 2002 | (JP) | ..... | 2002-028316 |
| Oct. 17, 2002 | (JP) | ..... | 2002-028317 |

(51) **LOC (7) Cl.** **14-03**

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

(58) **Field of Search** D14/230, 233,
D14/236, 299; 343/700 MS, 767, 768, 770,
746; 455/562, 279.1, 269, 272, 327, 575.7

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | | | | |
|-----------|----|---|---------|-------------------|-------|------------|
| 3,228,030 | A | * | 1/1966 | Moore | ..... | 343/746 |
| 3,568,206 | A | * | 3/1971 | Sisson et al. | ..... | 343/750 |
| 5,569,879 | A | * | 10/1996 | Gloton et al. | ..... | 174/52.2 |
| 6,184,833 | B1 | * | 2/2001 | Tran | ..... | 343/700 MS |
| 6,329,962 | B2 | * | 12/2001 | Ying | ..... | 343/700 MS |
| 6,473,044 | B2 | * | 10/2002 | Manteuffel et al. | ..... | 343/702 |
| 6,480,162 | B2 | * | 11/2002 | Sabet et al. | ..... | 343/767 |
| 6,535,166 | B1 | * | 3/2003 | Ali | ..... | 343/702 |

FOREIGN PATENT DOCUMENTS

JP D-1081553 7/2000

| | | |
|----|-----------|--------|
| JP | D-1081554 | 7/2000 |
| JP | D-1081697 | 7/2000 |
| JP | D-1081698 | 7/2000 |
| JP | D-1118599 | 8/2001 |
| JP | D-1118600 | 8/2001 |

* cited by examiner

Primary Examiner—Louis S. Zarfaz

Assistant Examiner—Deanne Levy

(74) *Attorney, Agent, or Firm*—Brinks Hofer Gilson & Lione

(57) **CLAIM**

The ornamental design for an antenna, as shown and described.

DESCRIPTION

FIG. 1 is a front view of an antenna of the present invention; FIG. 2 is a first side view thereof; FIG. 3 is a second side view thereof; FIG. 4 is a rear view thereof; FIG. 5 is a top view thereof; FIG. 6 is a bottom view thereof; FIG. 7 is a front view of the antenna of FIG. 1 in an alternate environment; FIG. 8 is a first side view thereof; FIG. 9 is a second side view thereof; FIG. 10 is a rear view thereof; FIG. 11 is a top view thereof; and, FIG. 12 is a bottom view thereof.

The ornamental design which is claimed is shown in solid lines in the drawings. Any broken lines in the drawings are for illustrative purposes only and form no part of the claimed design.

1 Claim, 2 Drawing Sheets

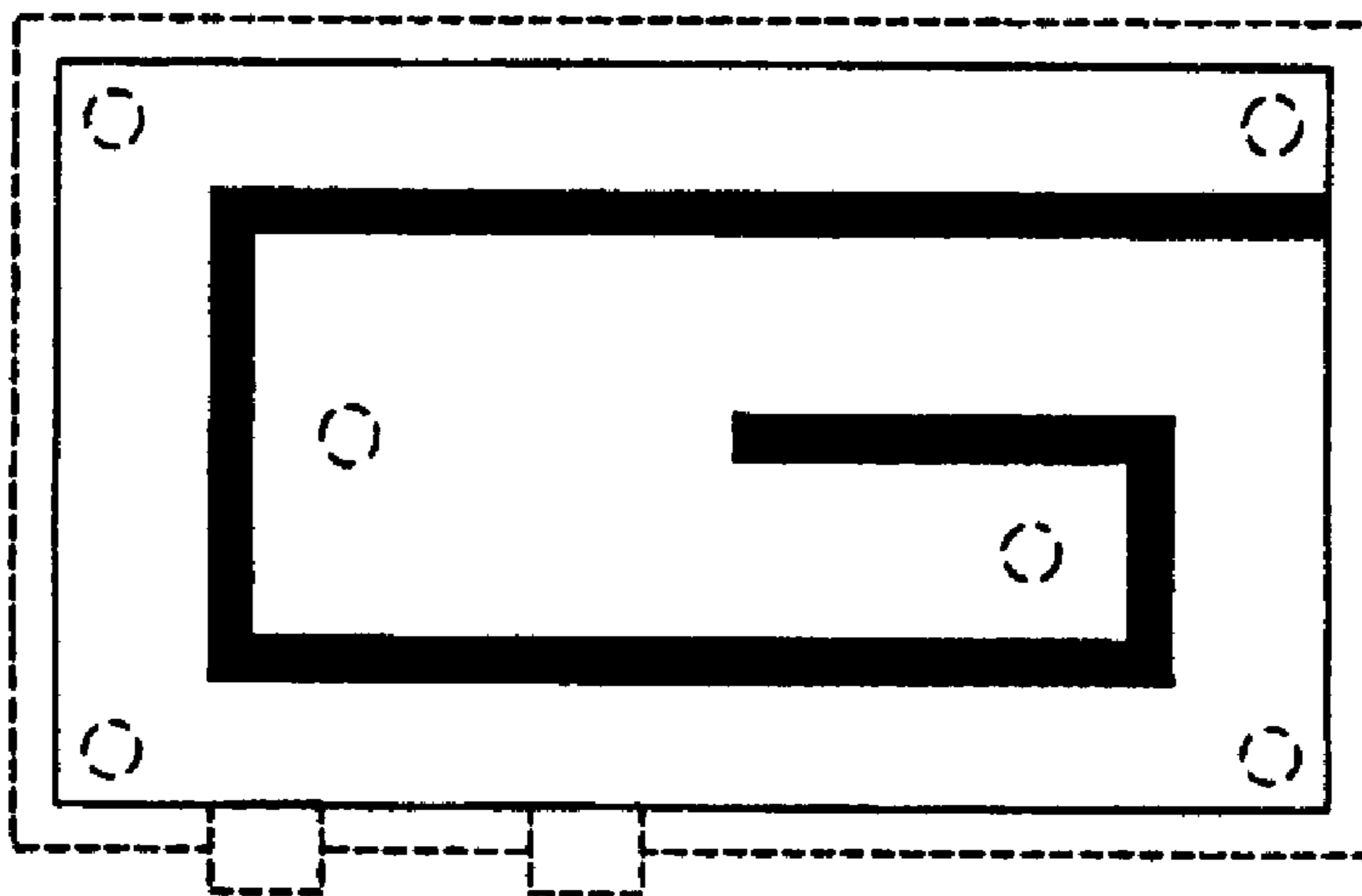


FIG.1

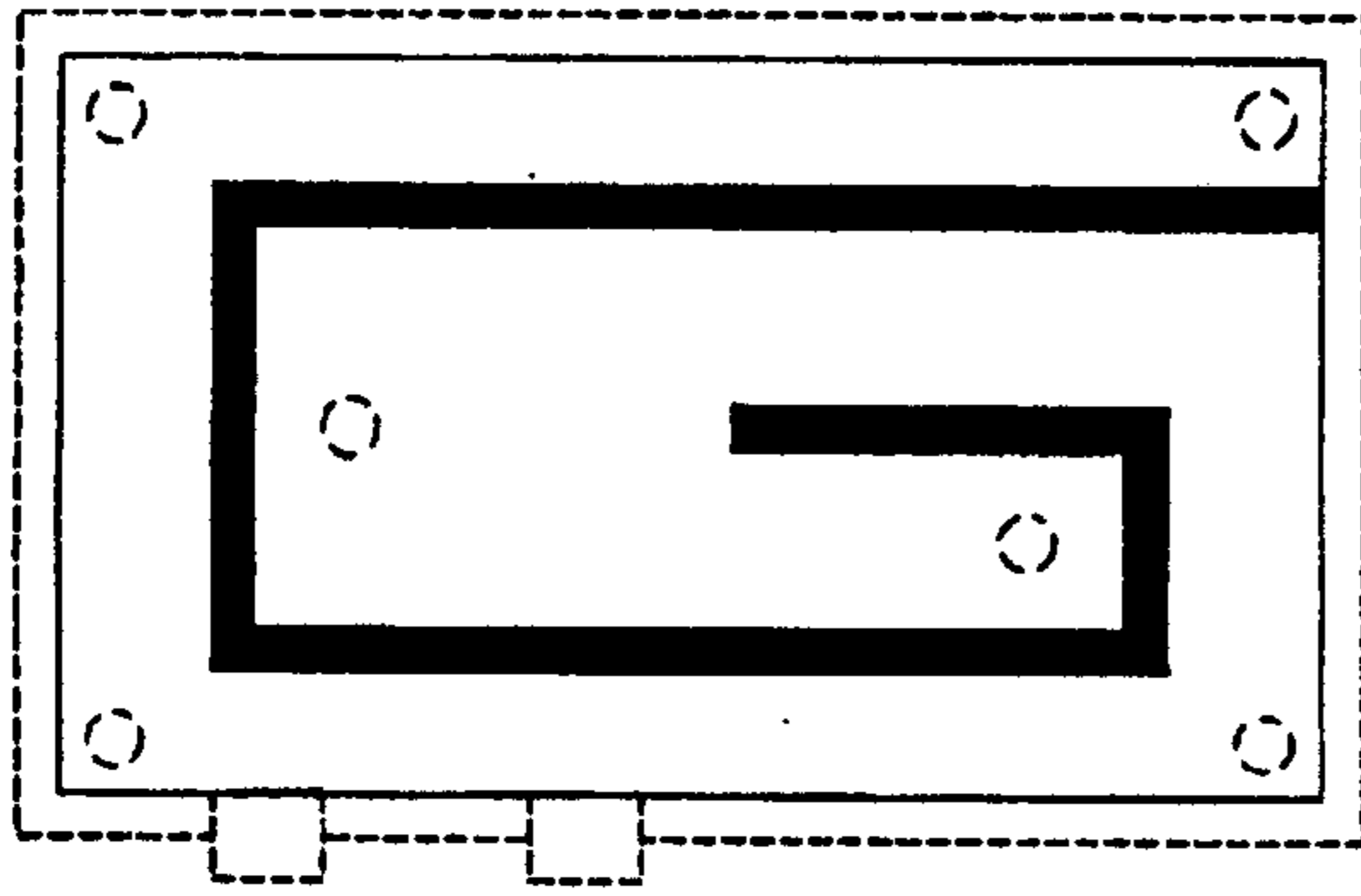


FIG.2

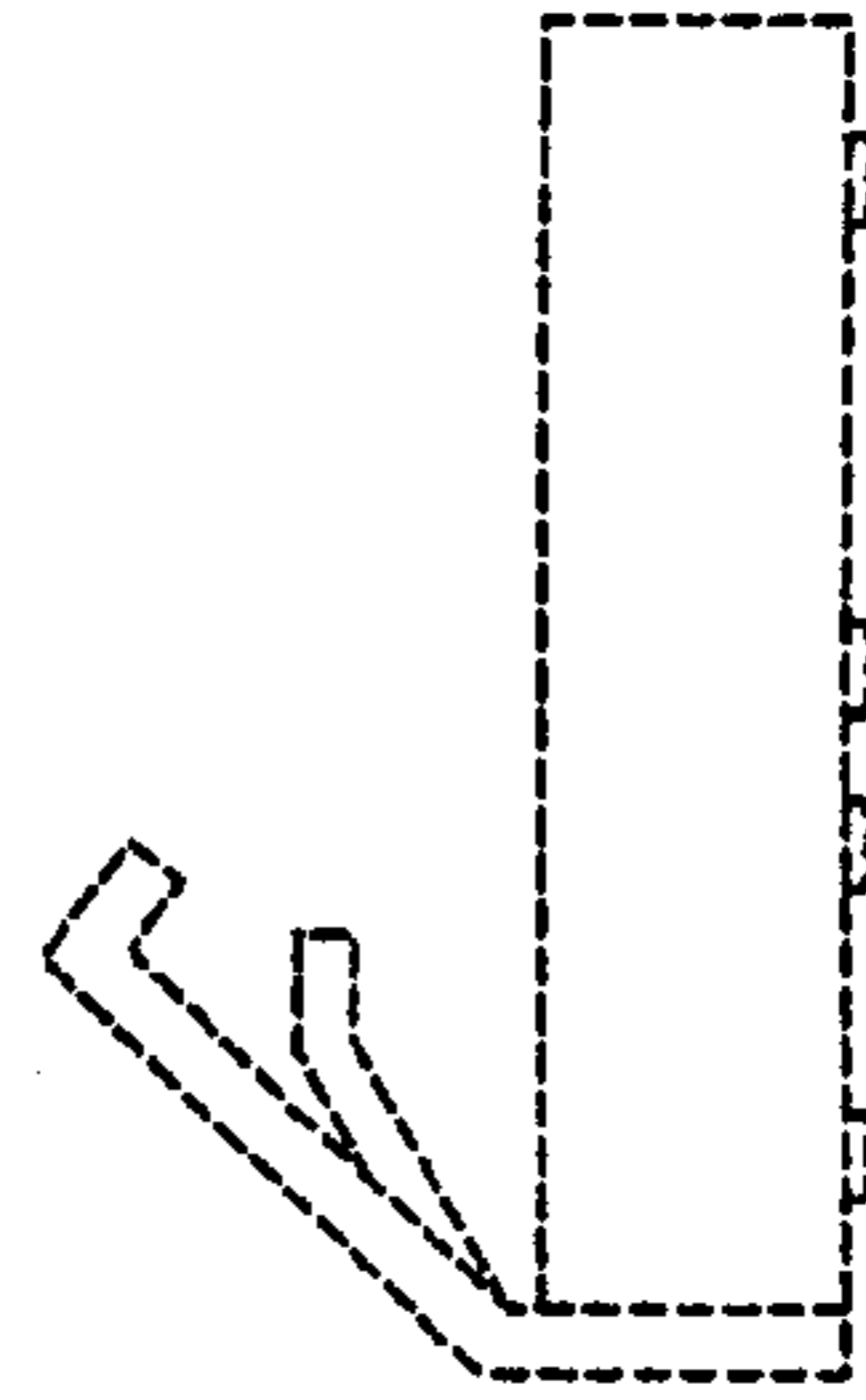


FIG.3

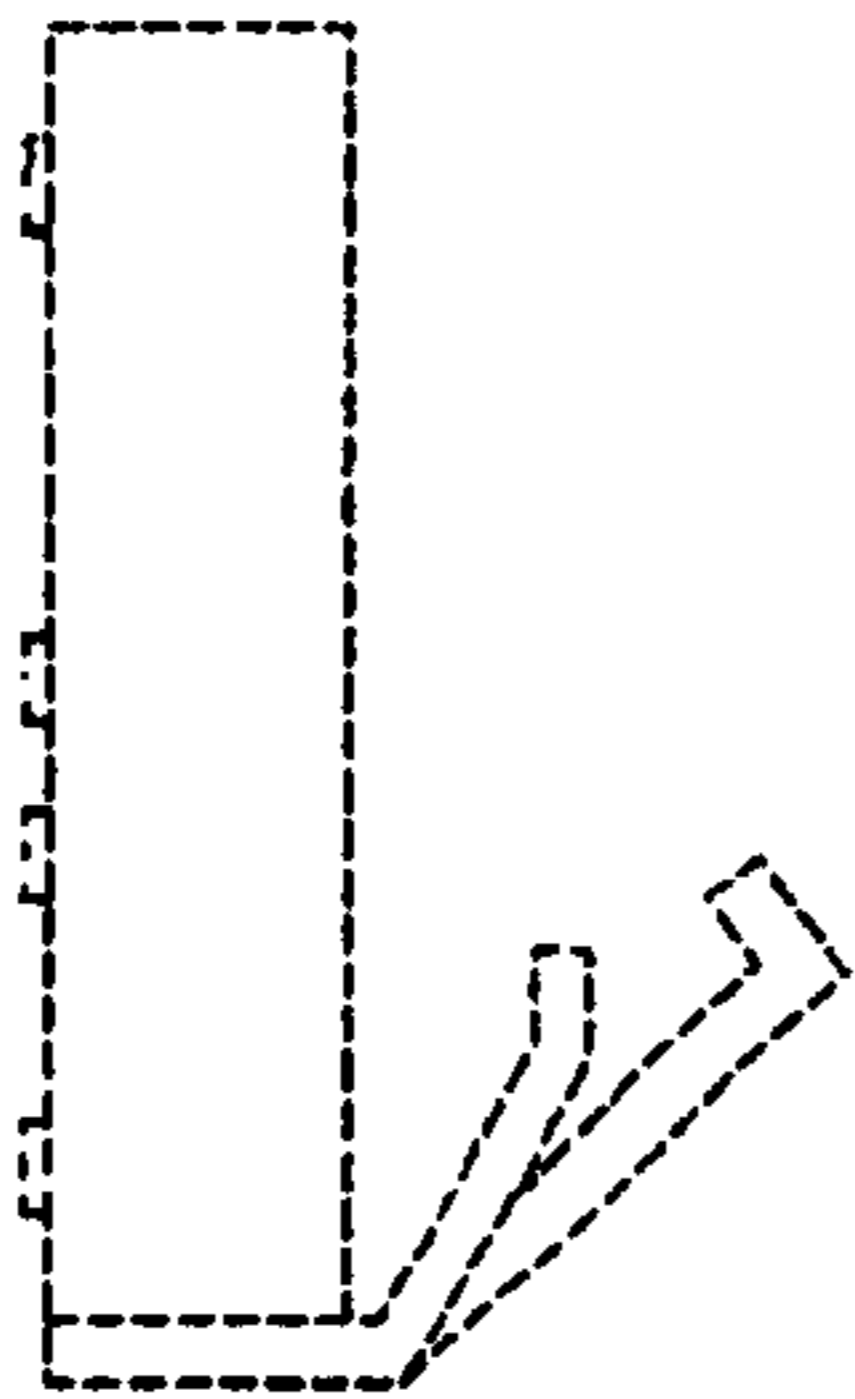


FIG.4

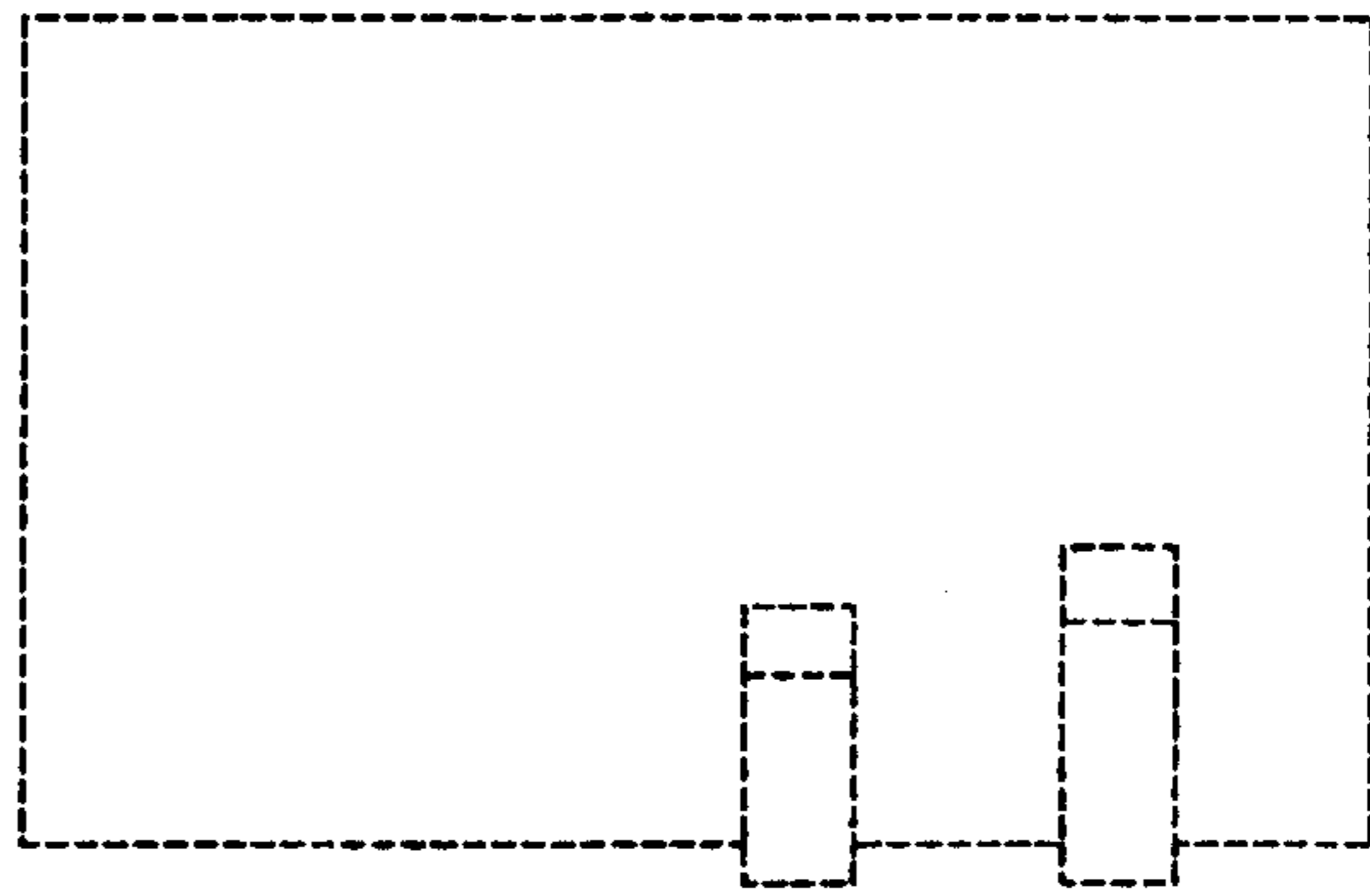


FIG.5

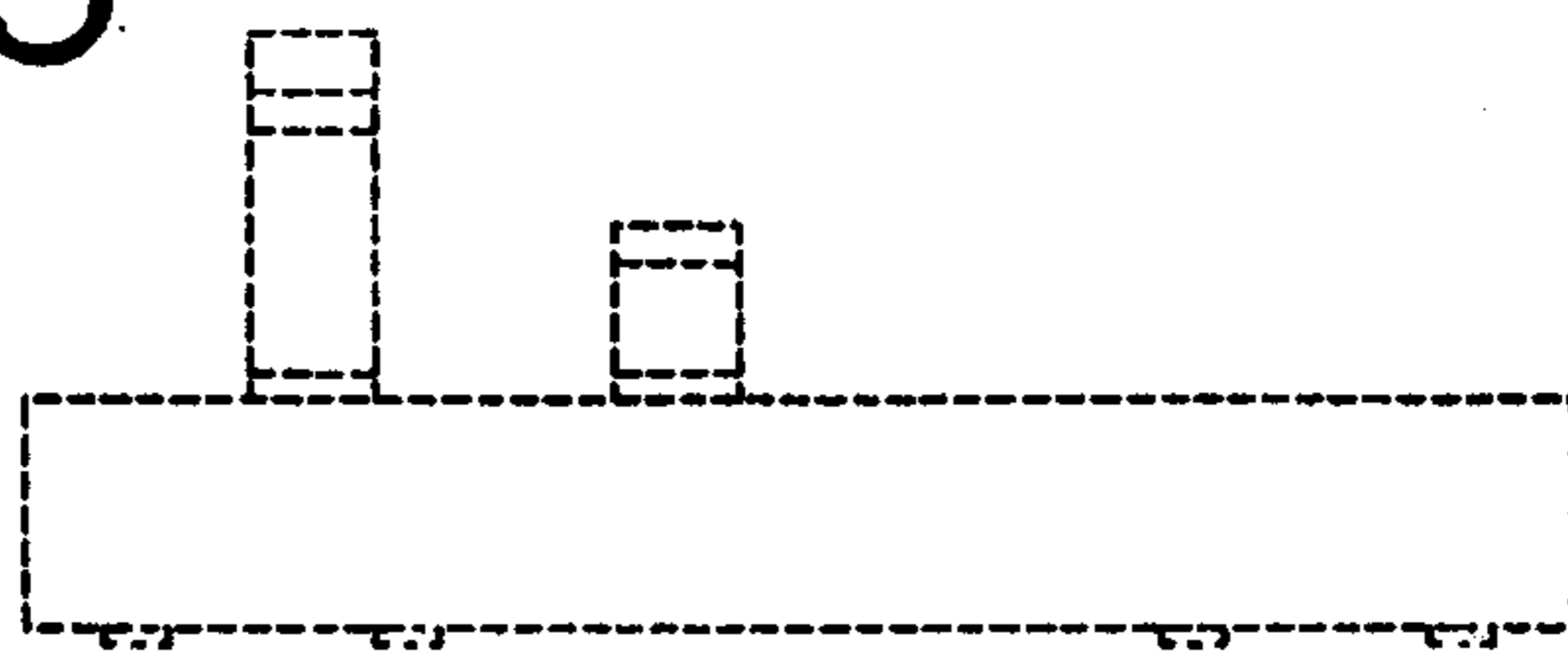


FIG.6

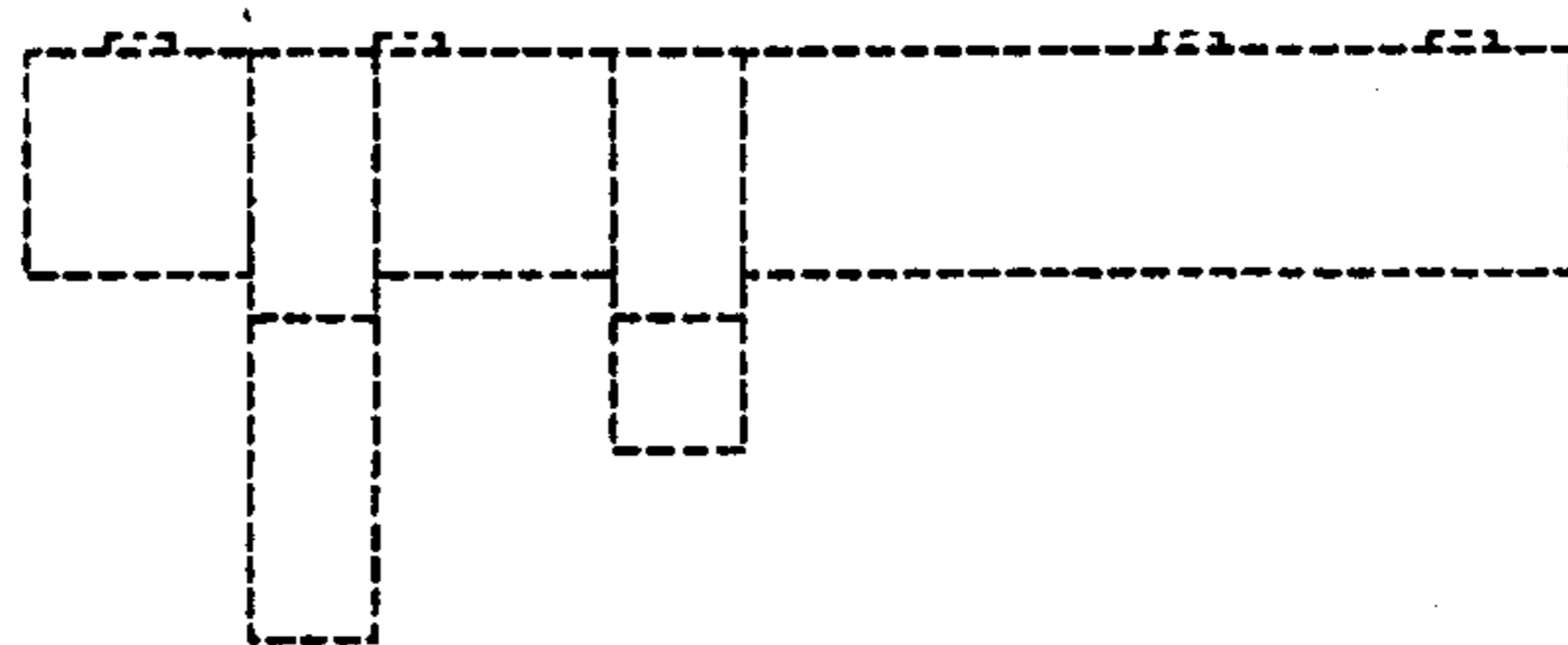


FIG.7

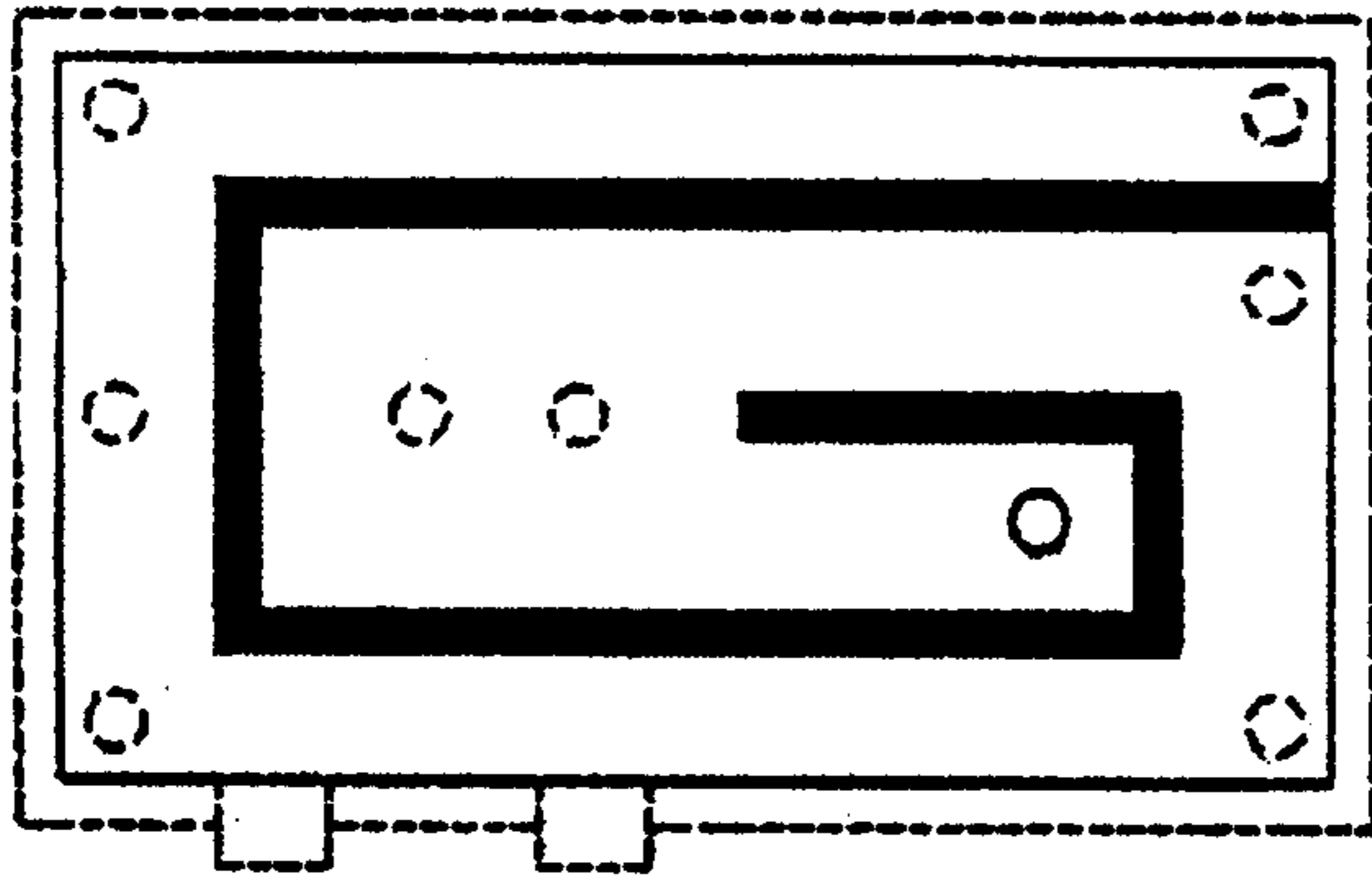


FIG.8

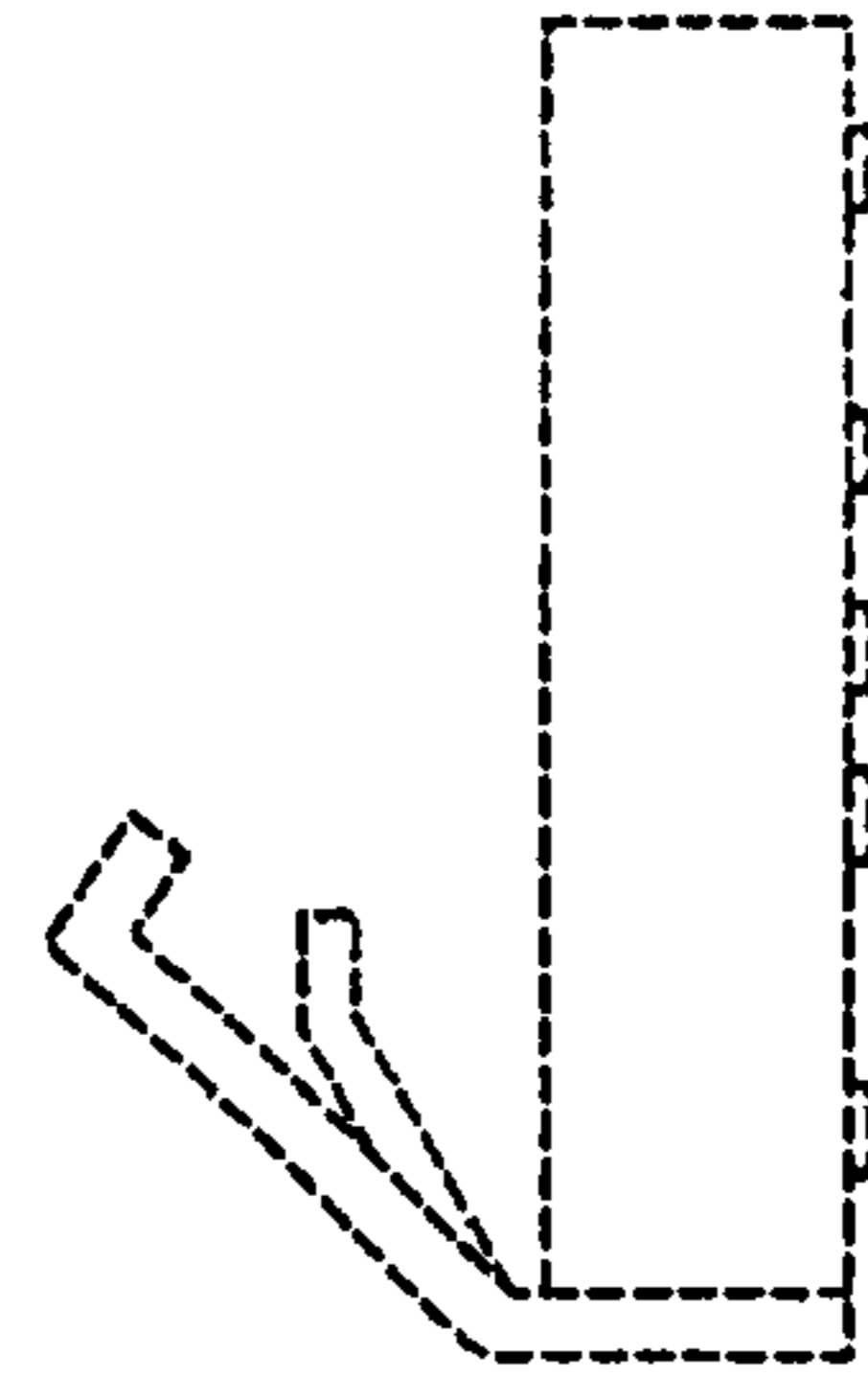


FIG.9

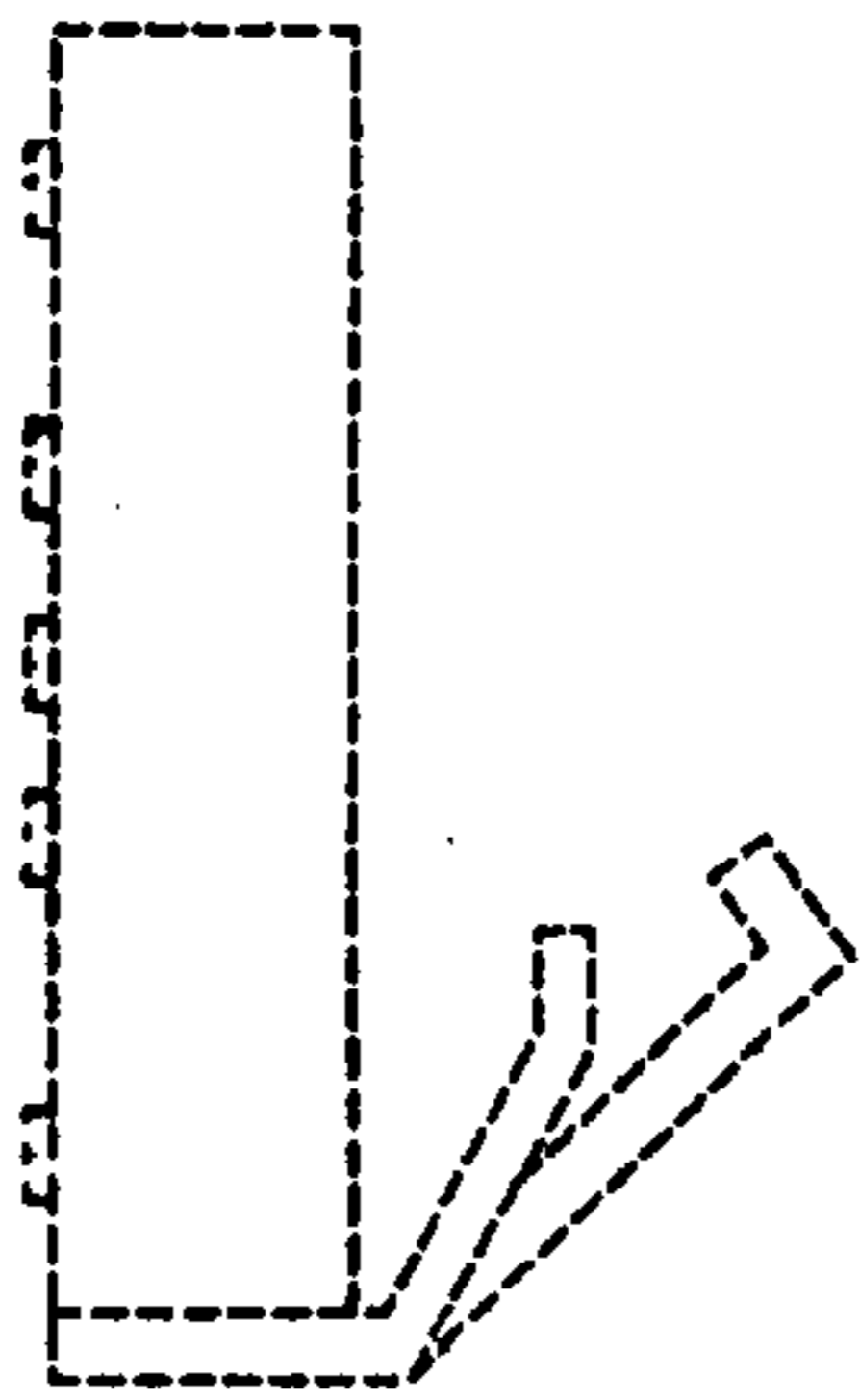


FIG.10

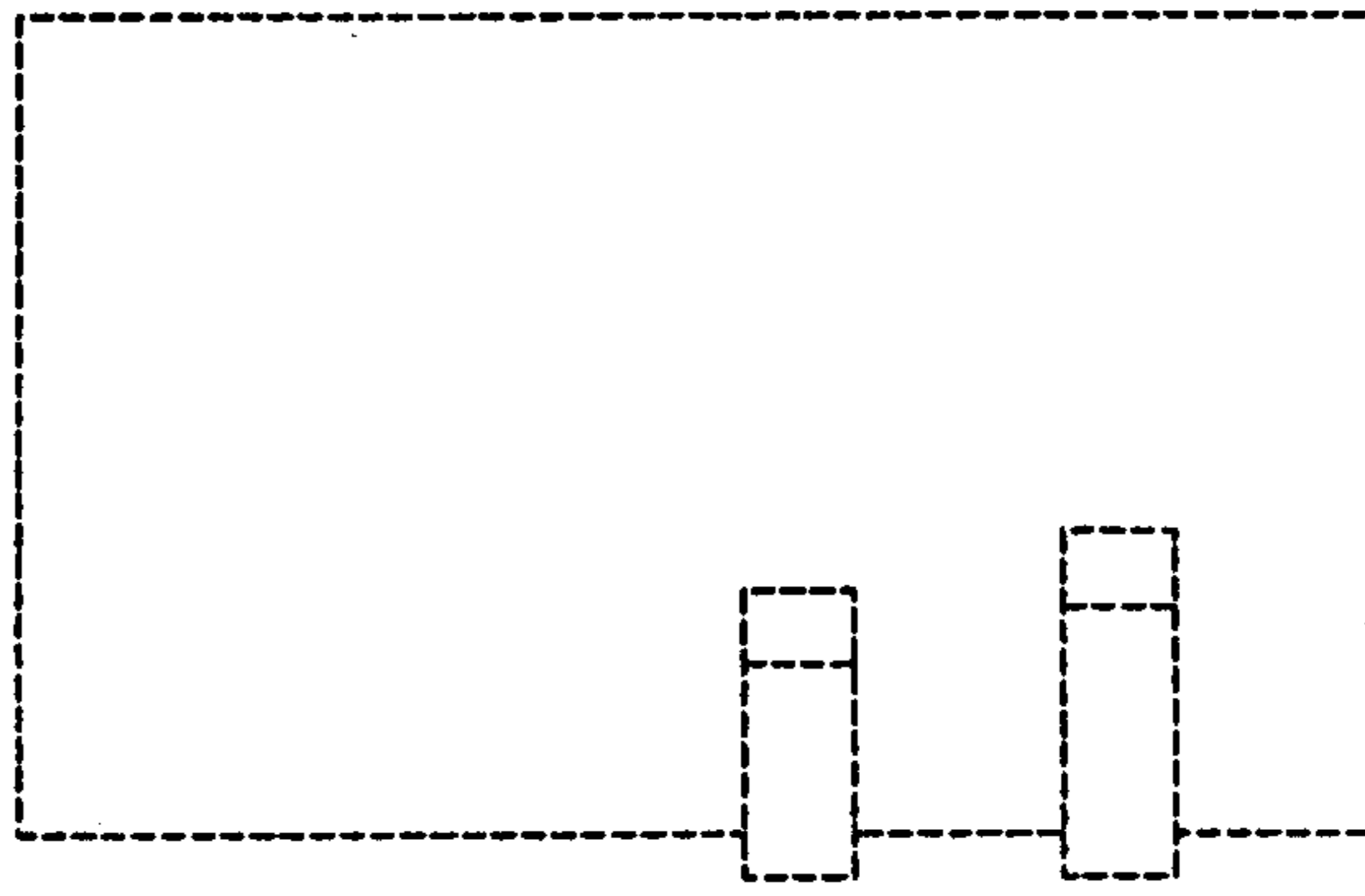


FIG.11

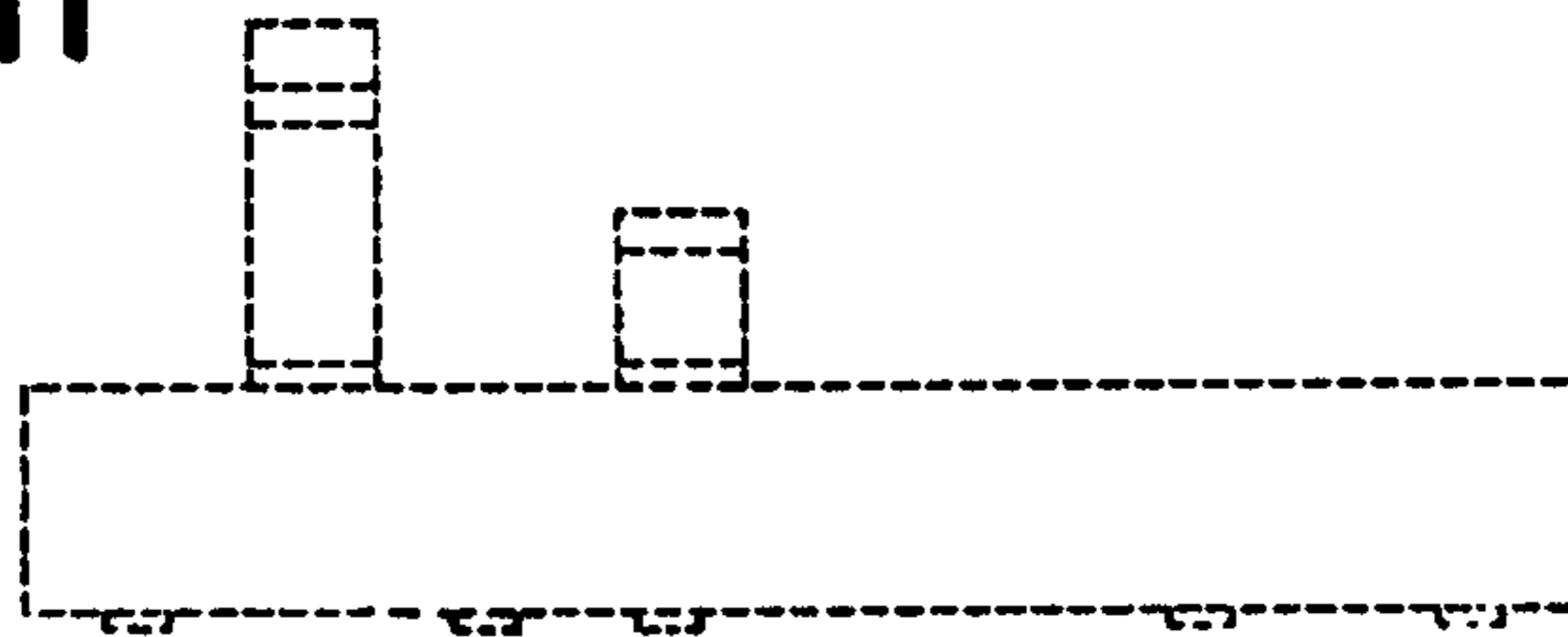


FIG.12

