



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**

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

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

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

* cited by examiner

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

Primary Examiner—Louis S. Zarfaz

Assistant Examiner—Deanne Levy

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

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

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

(57) **CLAIM**

(30) **Foreign Application Priority Data**

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

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

DESCRIPTION

(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

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.

(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

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.

FOREIGN PATENT DOCUMENTS

JP D-1081553 7/2000

1 Claim, 2 Drawing Sheets

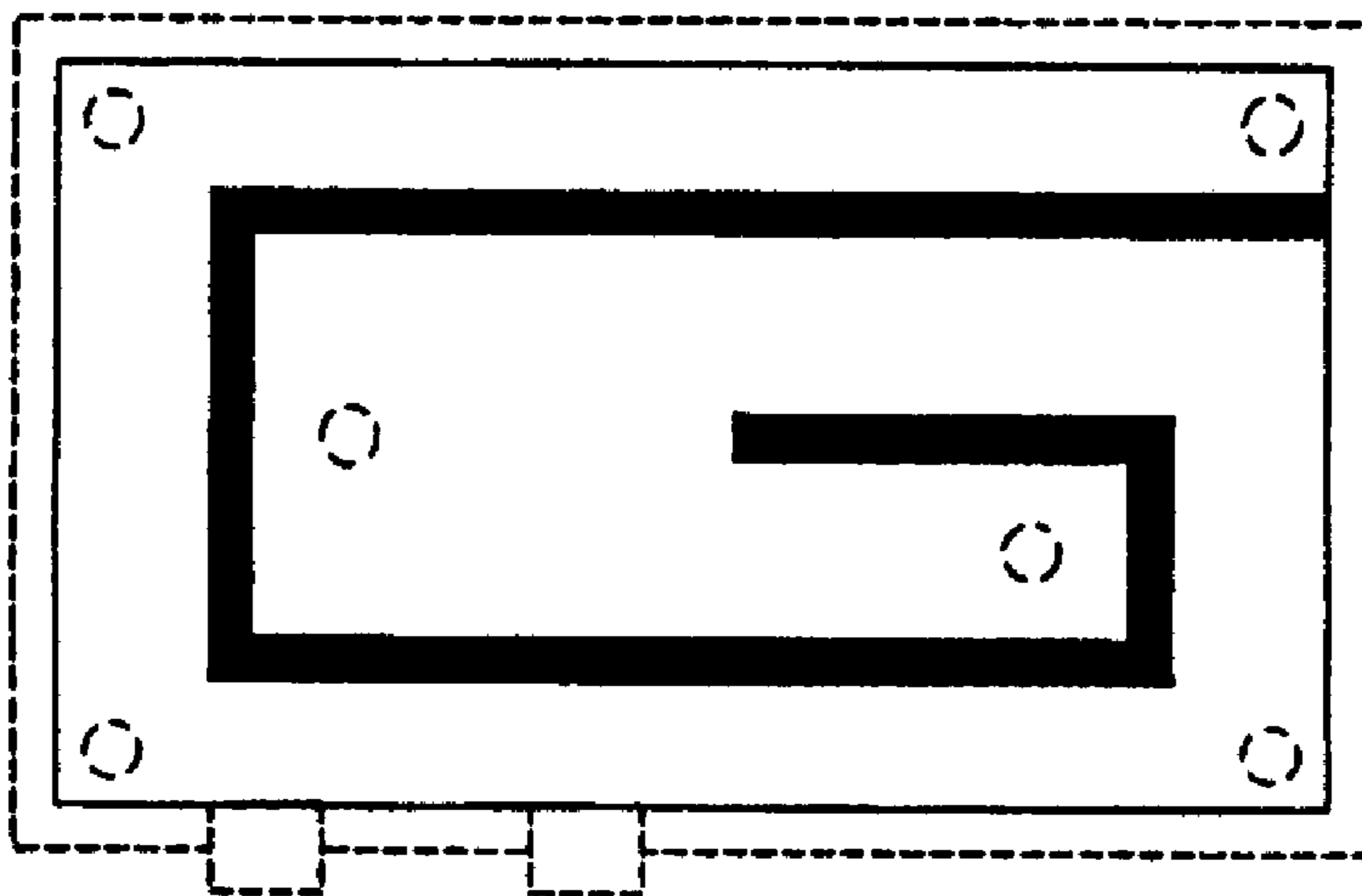


FIG.1

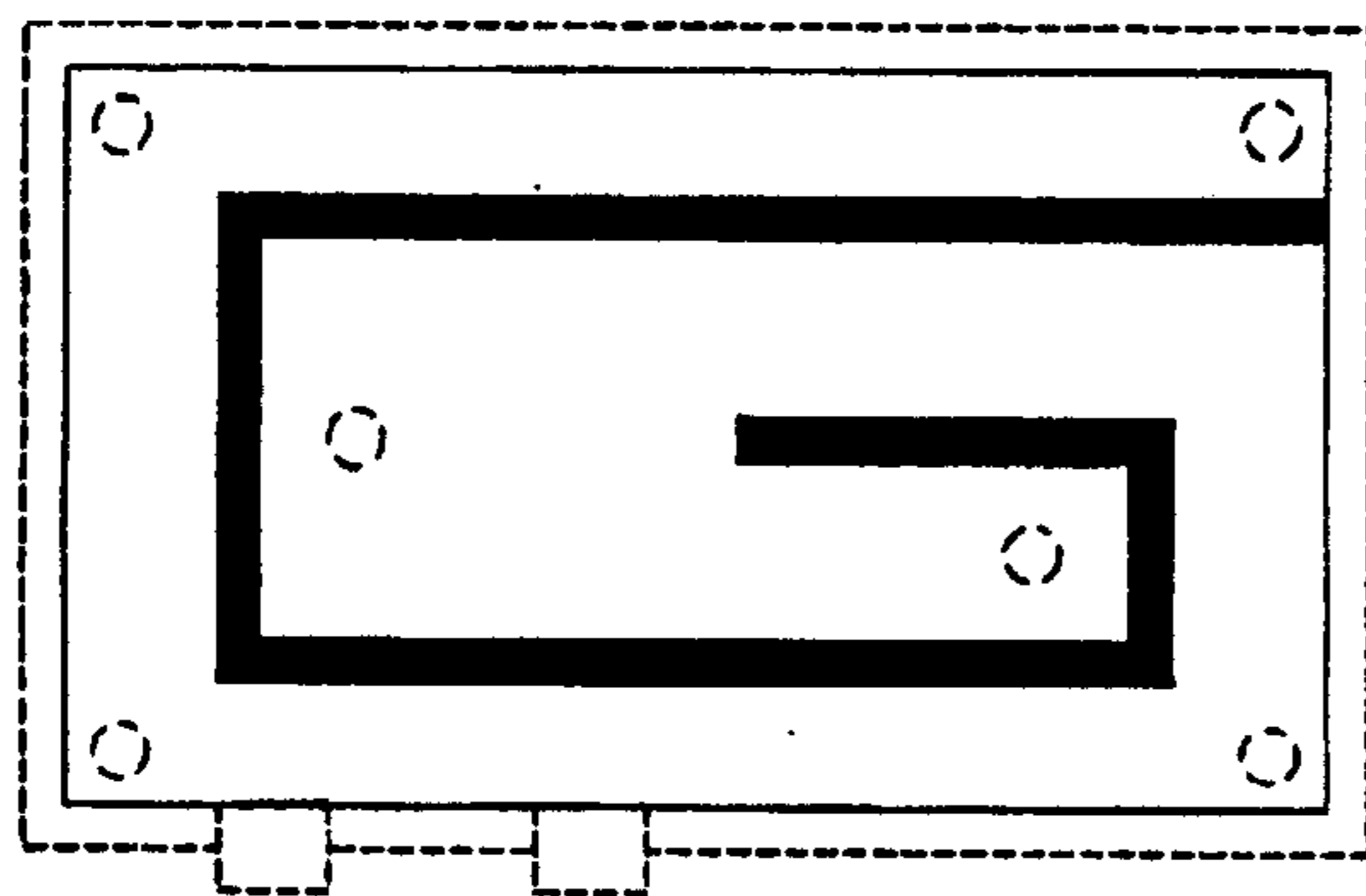


FIG.2

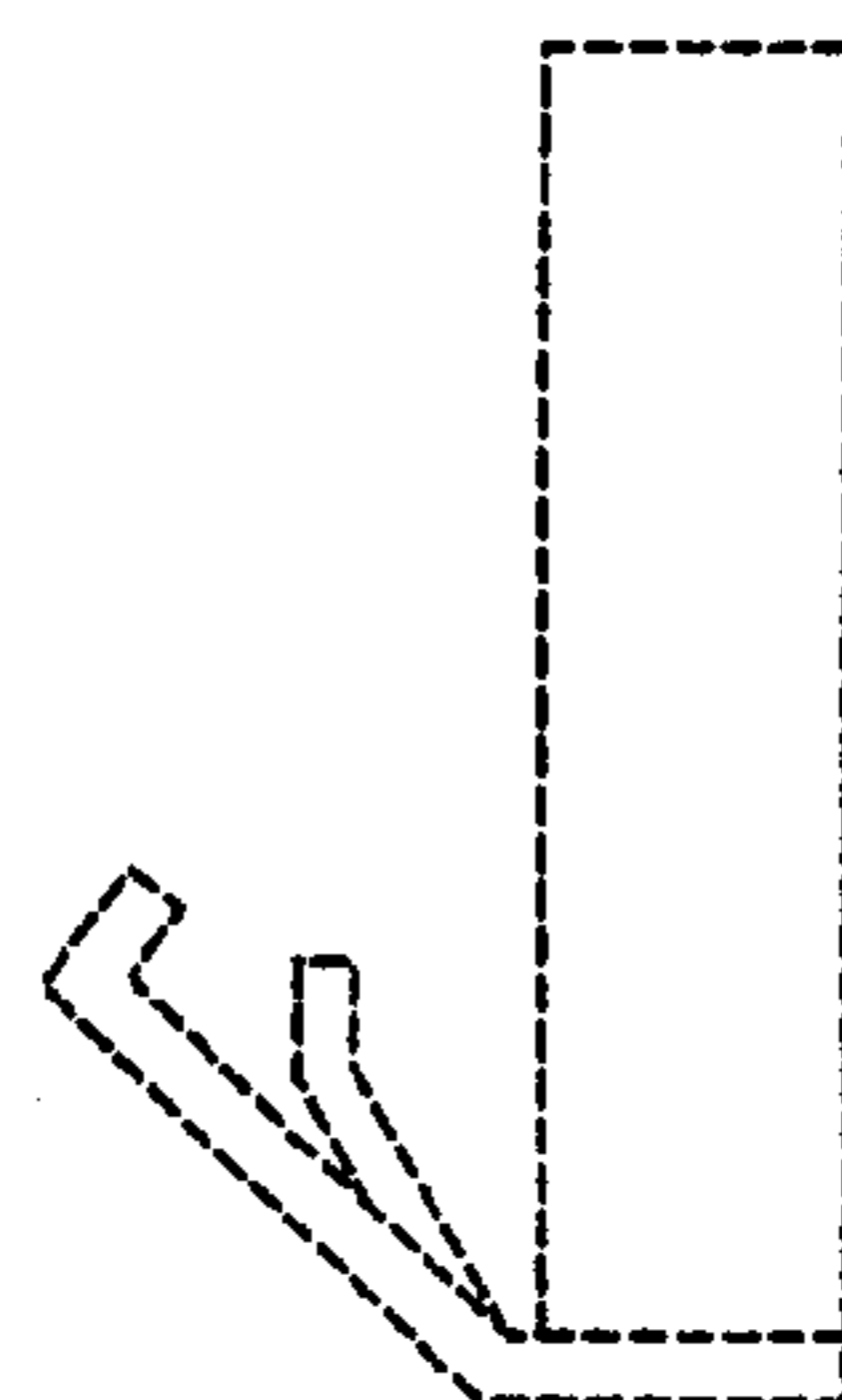


FIG.3

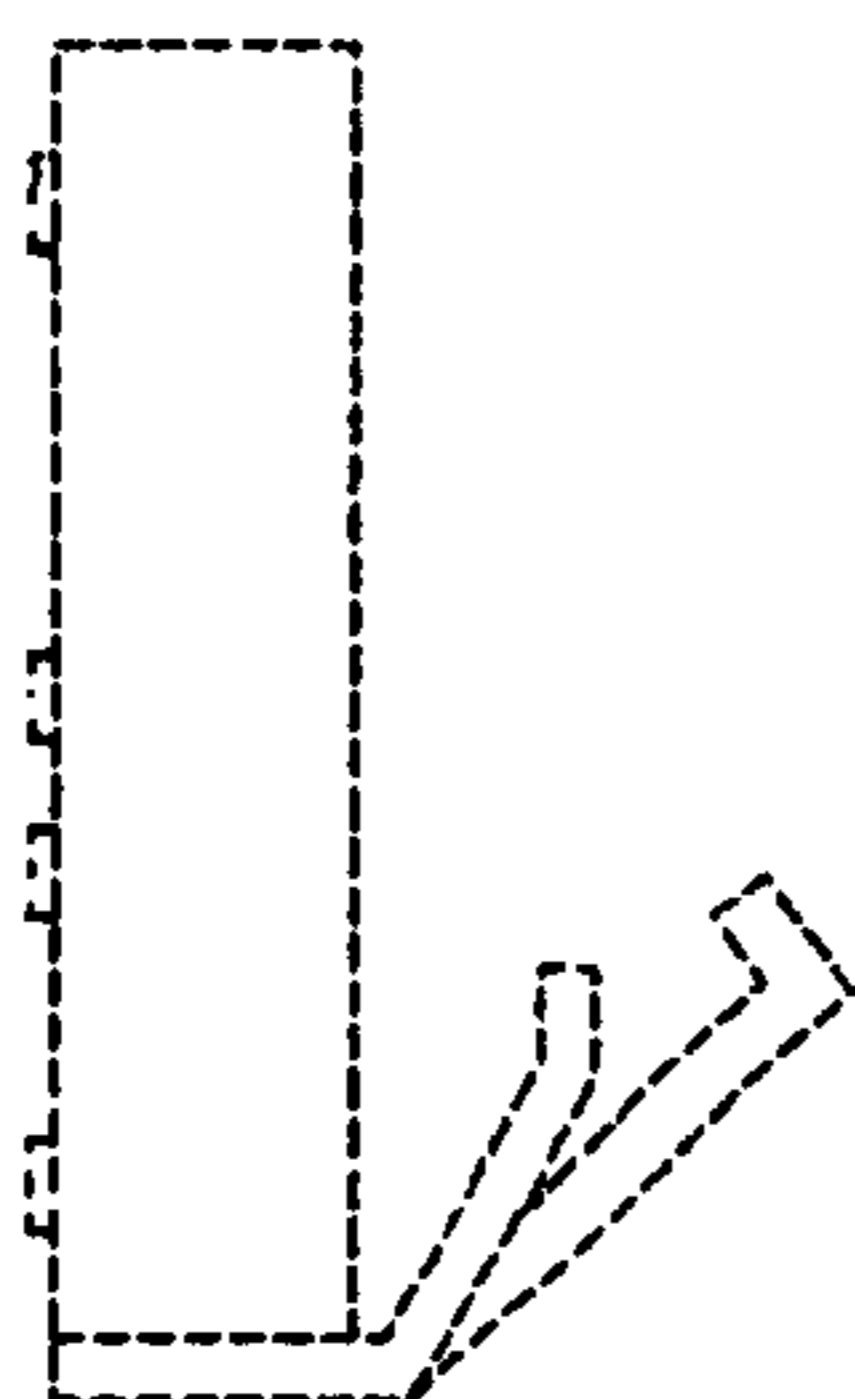


FIG.4

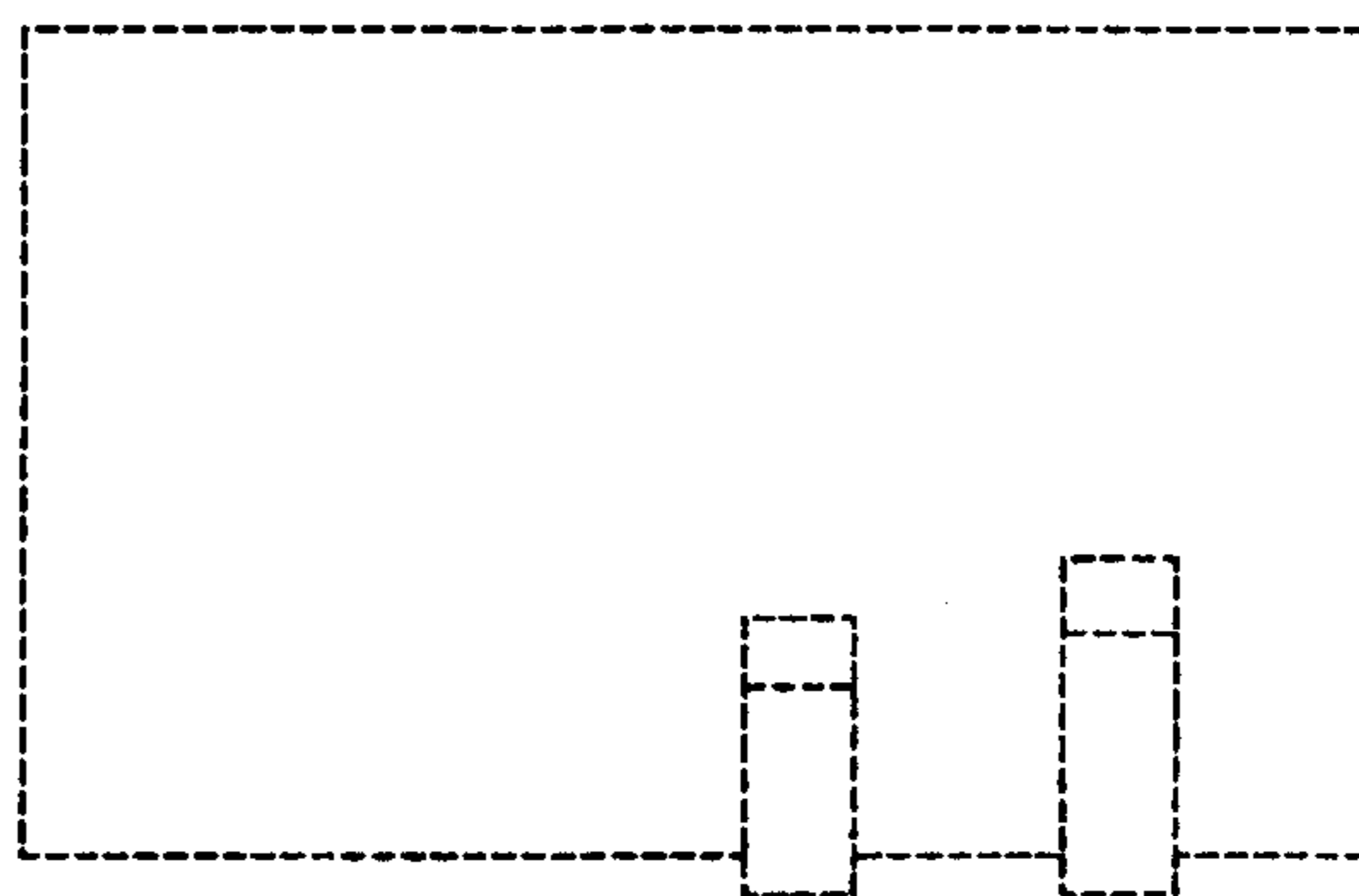


FIG.5

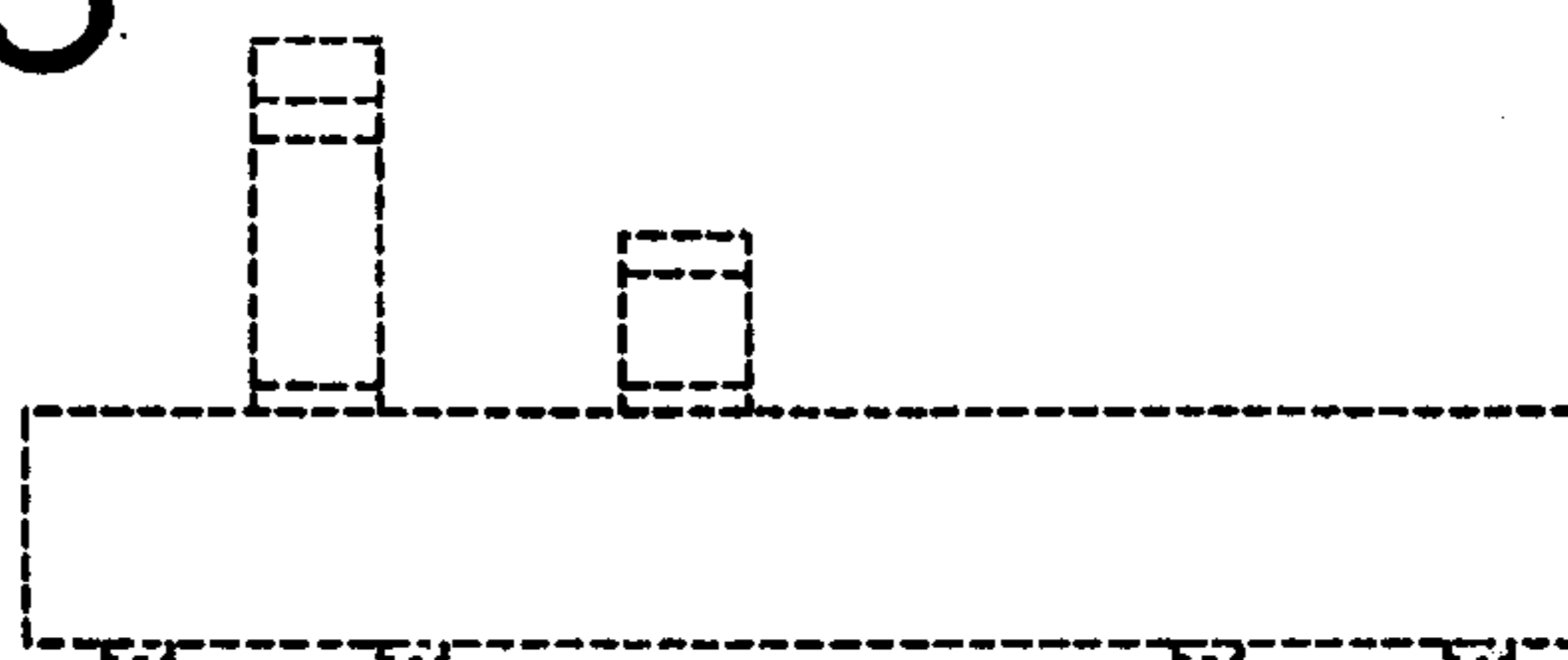


FIG.6

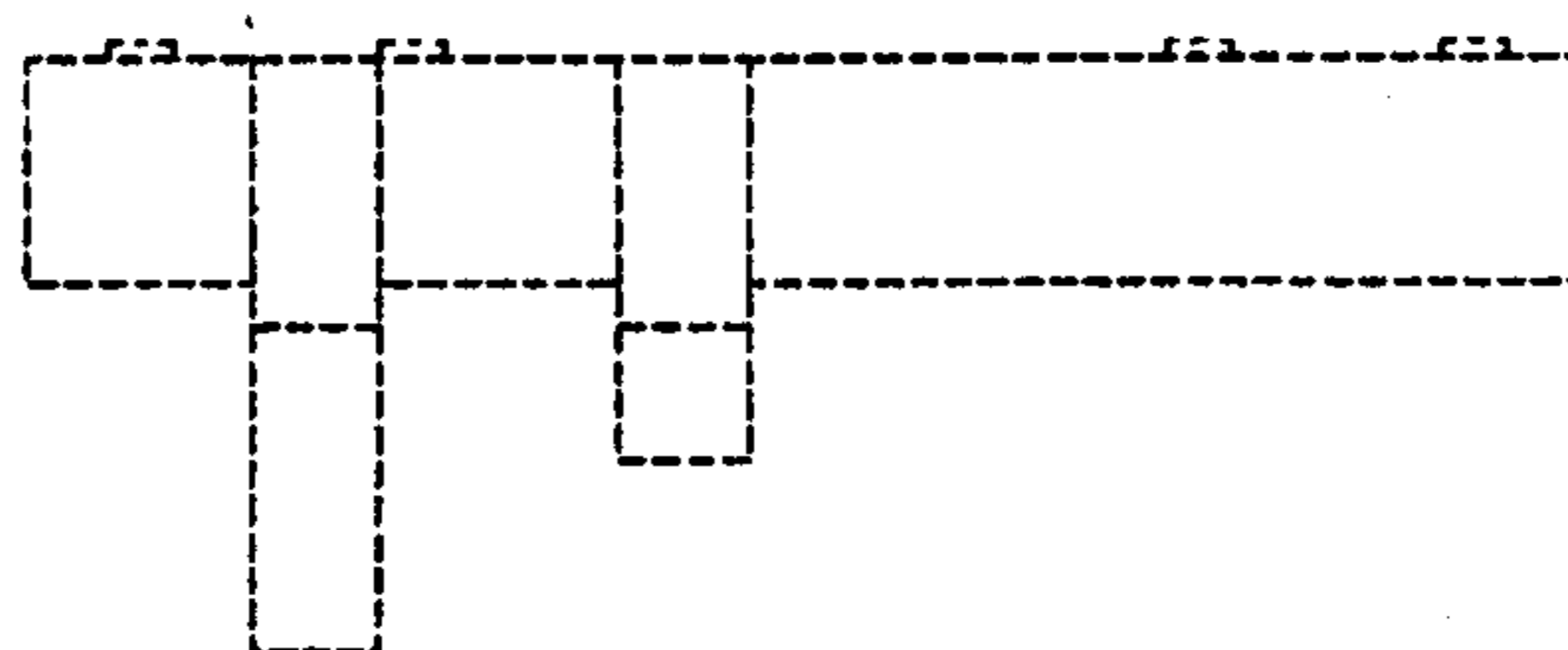


FIG.7

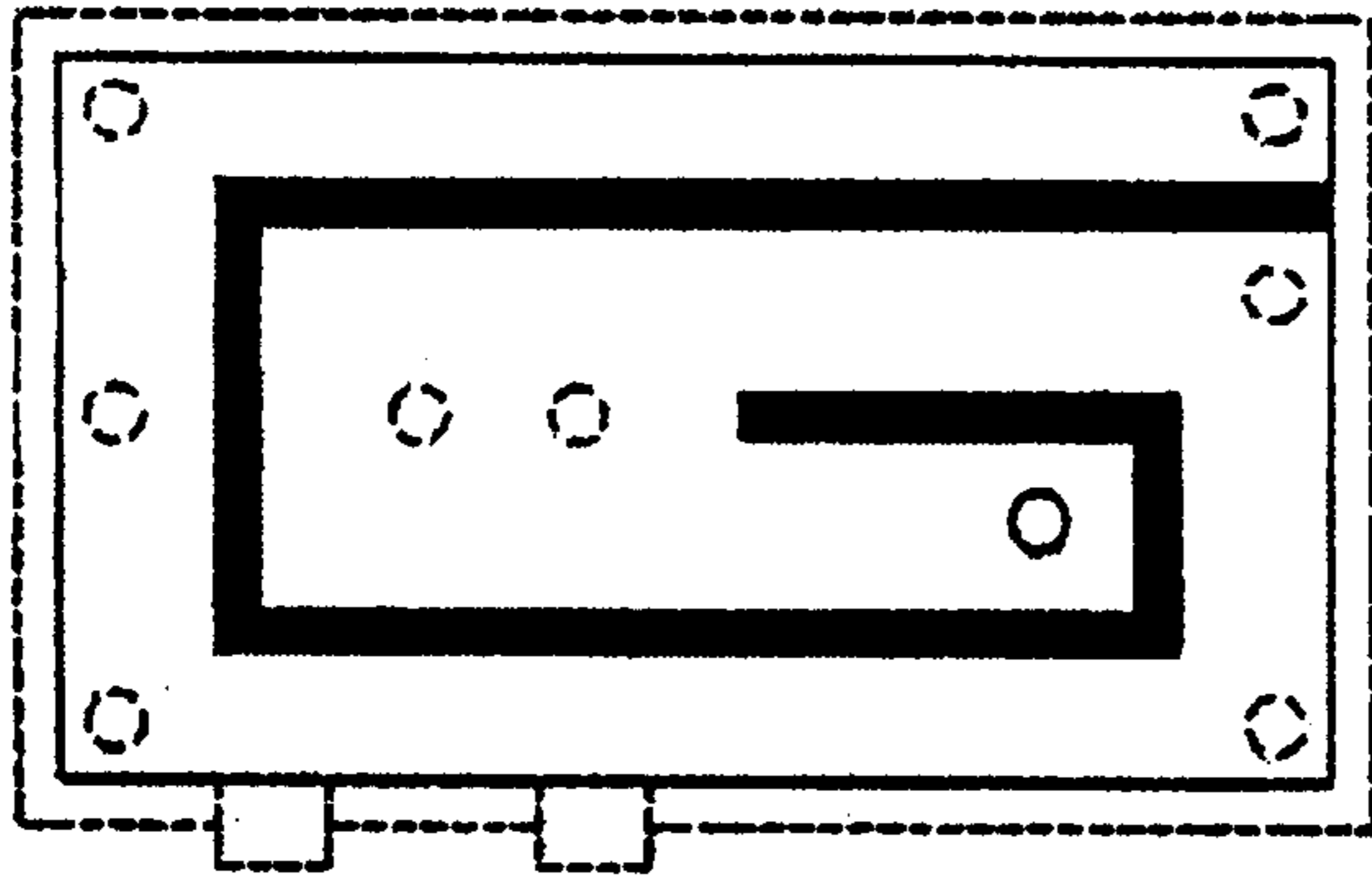


FIG.8

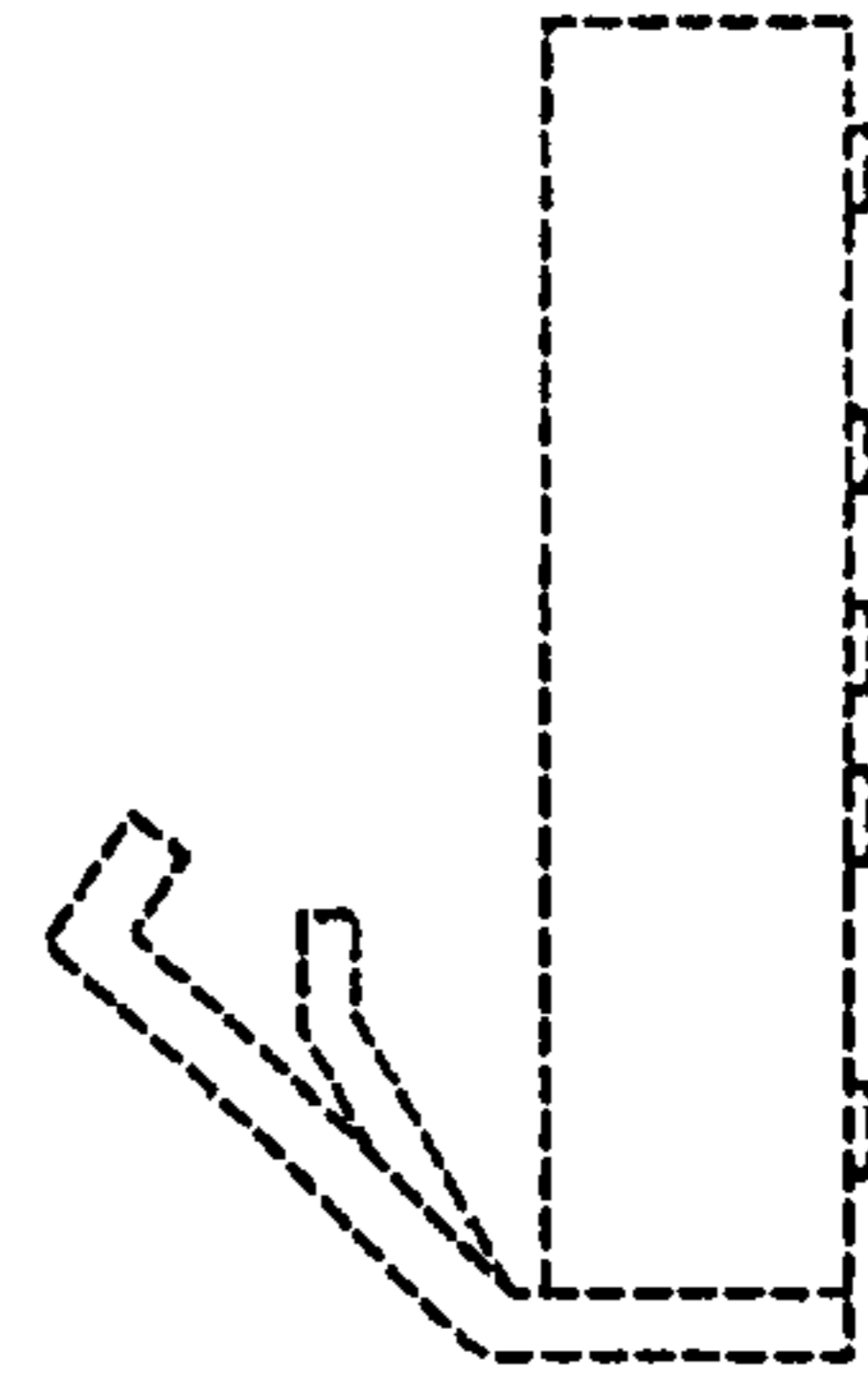


FIG.9

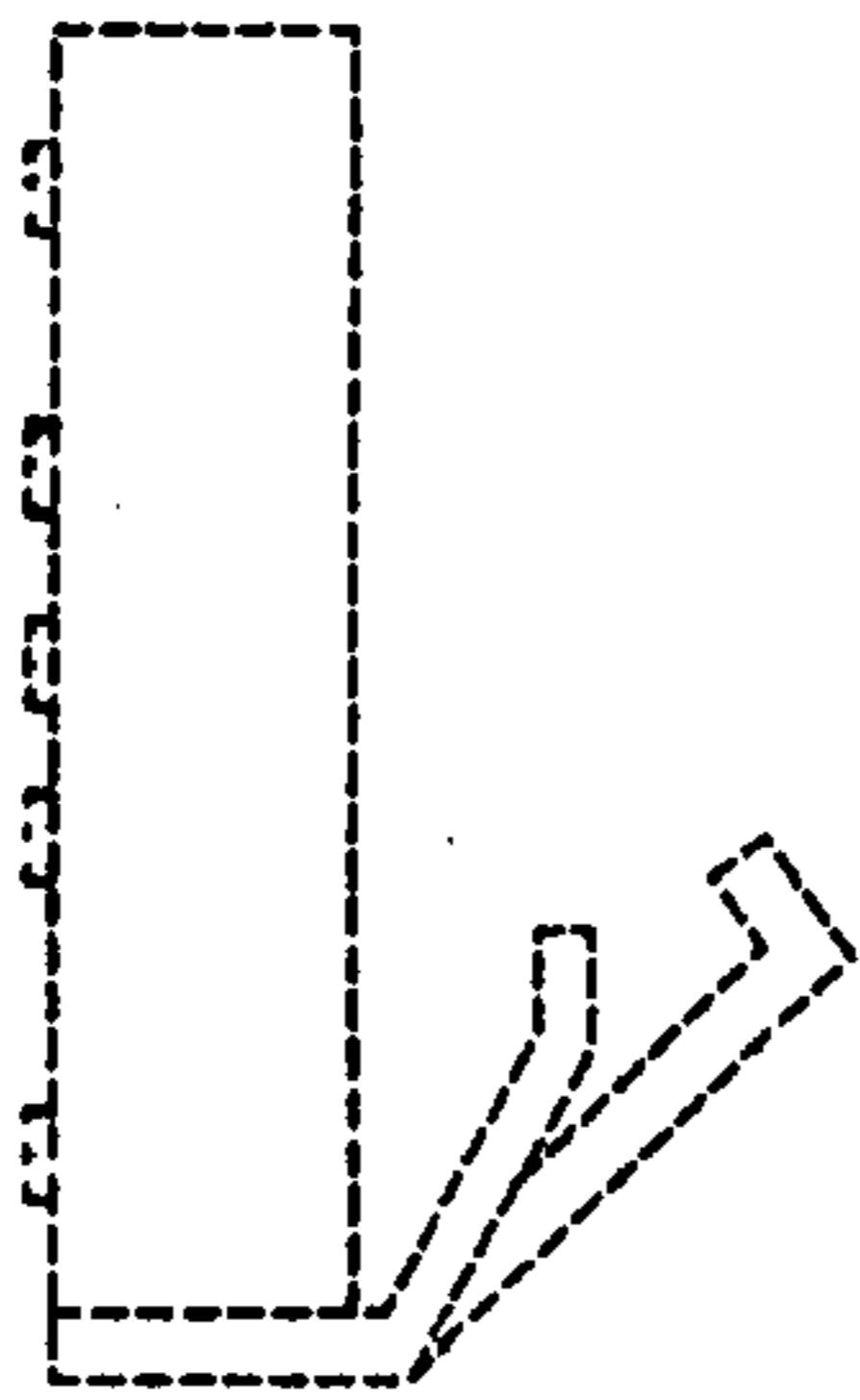


FIG.10

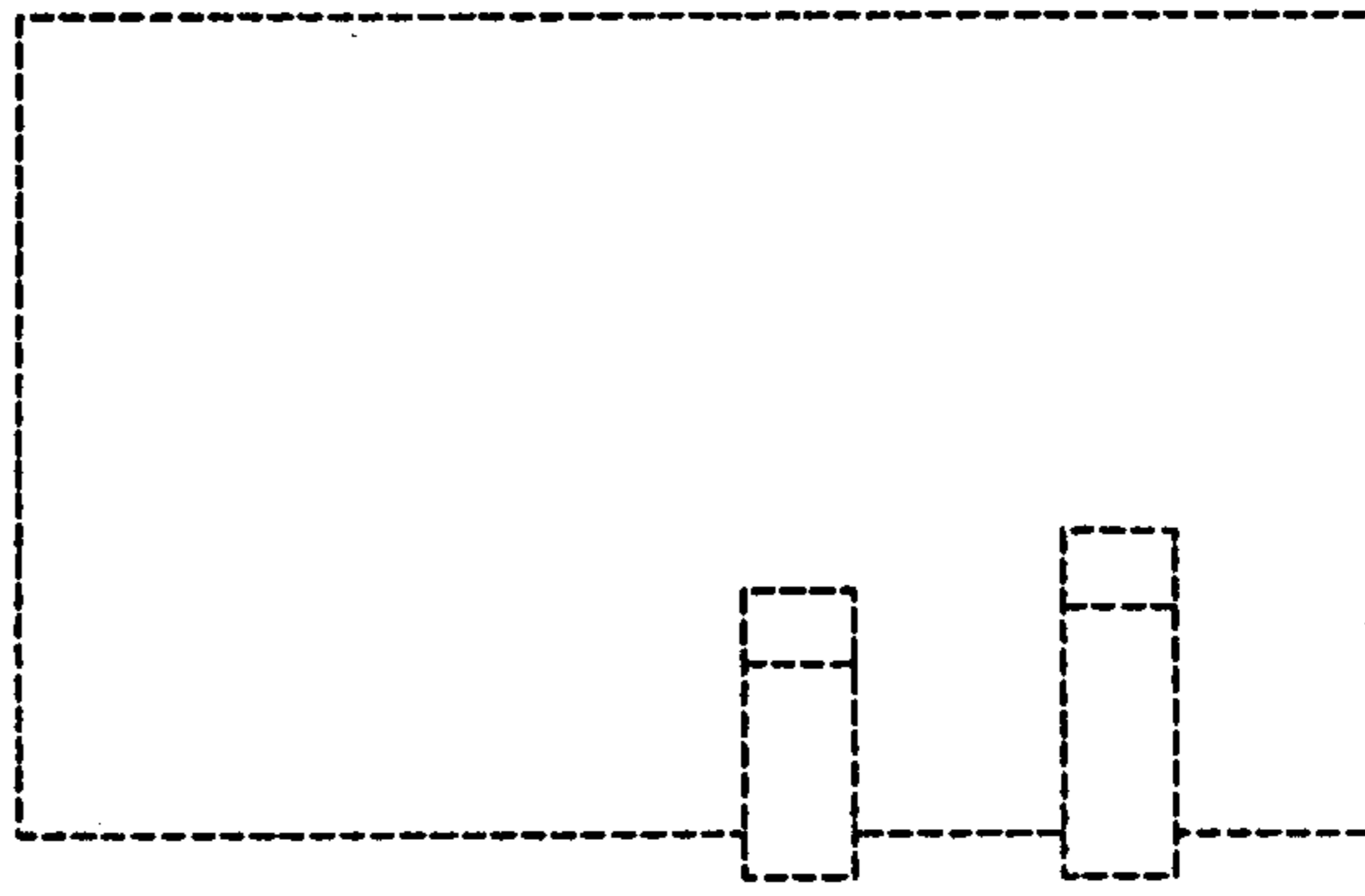


FIG.11

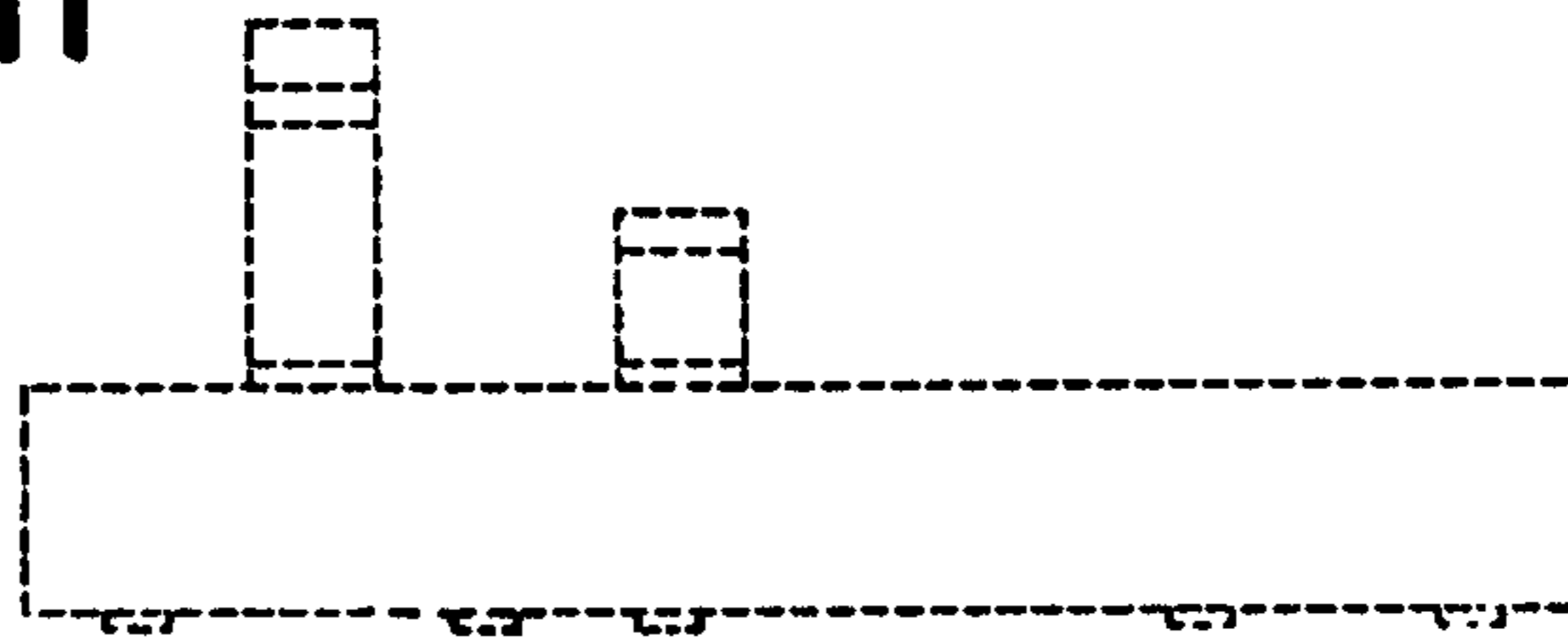


FIG.12

