



US00D616839S

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

(10) **Patent No.:** **US D616,839 S**
(45) **Date of Patent:** **** Jun. 1, 2010**

(54) **LED CHIP**

D582,866 S * 12/2008 Edmond et al. D13/180

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(73) Assignee: **Cree, Inc.**, Durham, NC (US)

Primary Examiner—Selina Sikder

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

(74) *Attorney, Agent, or Firm*—Myers Bigel Sibley & Sajovec

(21) Appl. No.: **29/327,793**

(57) **CLAIM**

(22) Filed: **Nov. 13, 2008**

The ornamental design for an LED chip, as shown and described.

Related U.S. Application Data

DESCRIPTION

(62) Division of application No. 29/280,949, filed on Jun. 11, 2007, now Pat. No. Des. 582,865.

FIG. 1 is a top perspective view of another embodiment of the LED chip showing our design;

(51) **LOC (9) Cl.** **13-03**

FIG. 2 is a top view thereof;

(52) **U.S. Cl.** **D13/180**

FIG. 3 is a first side view thereof;

(58) **Field of Classification Search** D13/180;

FIG. 4 is a bottom view thereof;

D26/2; 257/79, 80, 81, 88, 89, 95, 98, 99, 257/100; 313/483, 498, 500; 362/555, 800

FIG. 5 is a second different side view thereof;

See application file for complete search history.

FIG. 6 is an end view thereof;

(56) **References Cited**

FIG. 7 is an opposing end view thereof;

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FIG. 8 is a top perspective view of another embodiment of the LED chip showing our design;

6,097,040 A 8/2000 Morimoto et al.

FIG. 9 is a top view thereof;

6,255,129 B1 7/2001 Lin

FIG. 10 is a first side view thereof;

6,383,835 B1 * 5/2002 Hata et al. 438/65

FIG. 11 is a bottom view thereof;

6,498,592 B1 * 12/2002 Matthies 345/1.1

FIG. 12 is a second different side view thereof;

6,518,598 B1 2/2003 Chen

FIG. 13 is an end view thereof; and,

6,713,868 B2 * 3/2004 Ueno 257/730

FIG. 14 is an opposing end view thereof.

6,847,052 B2 1/2005 Fan et al.

The broken lines define portions of the LED chip that form no part of the claimed design.

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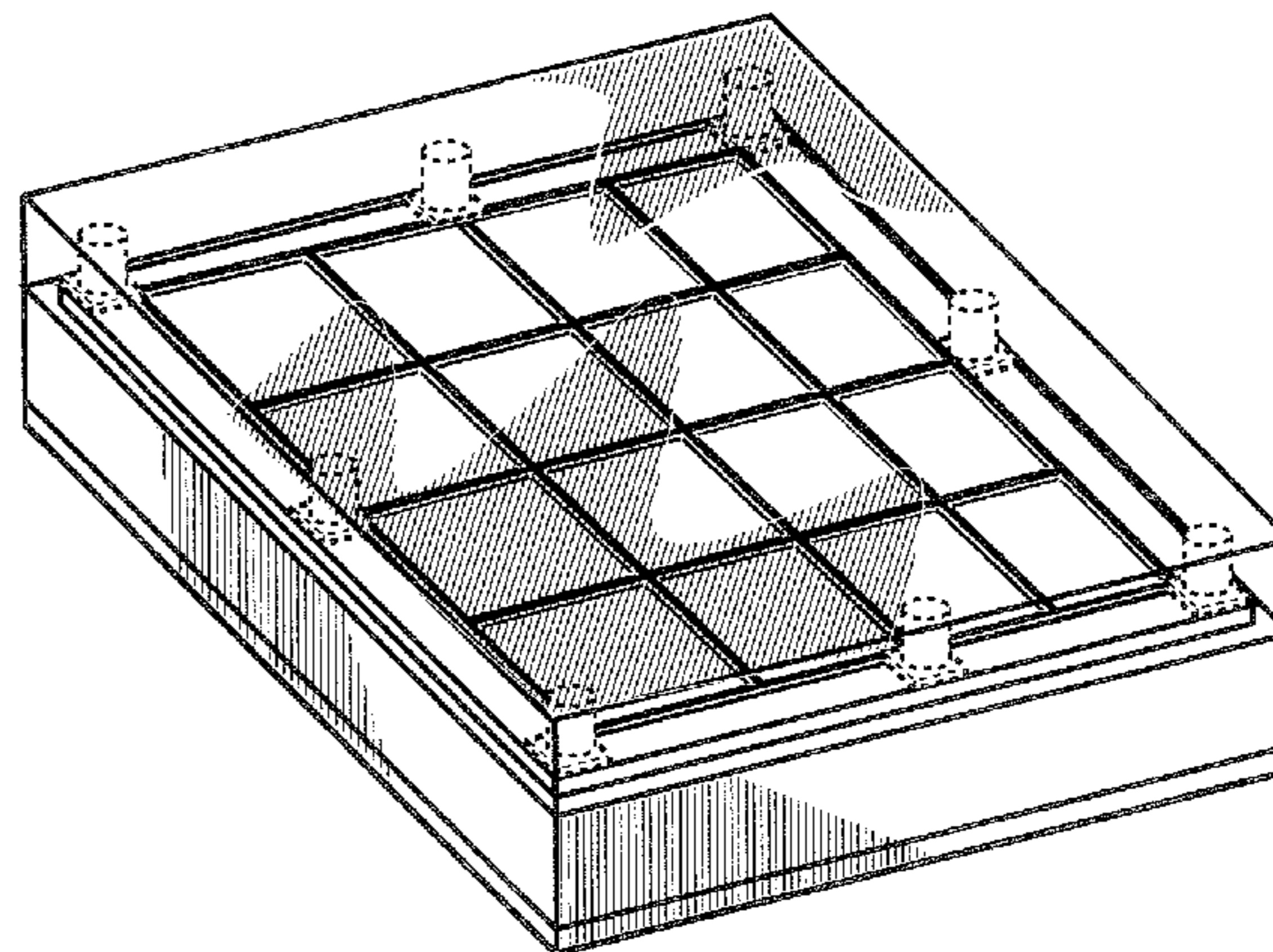
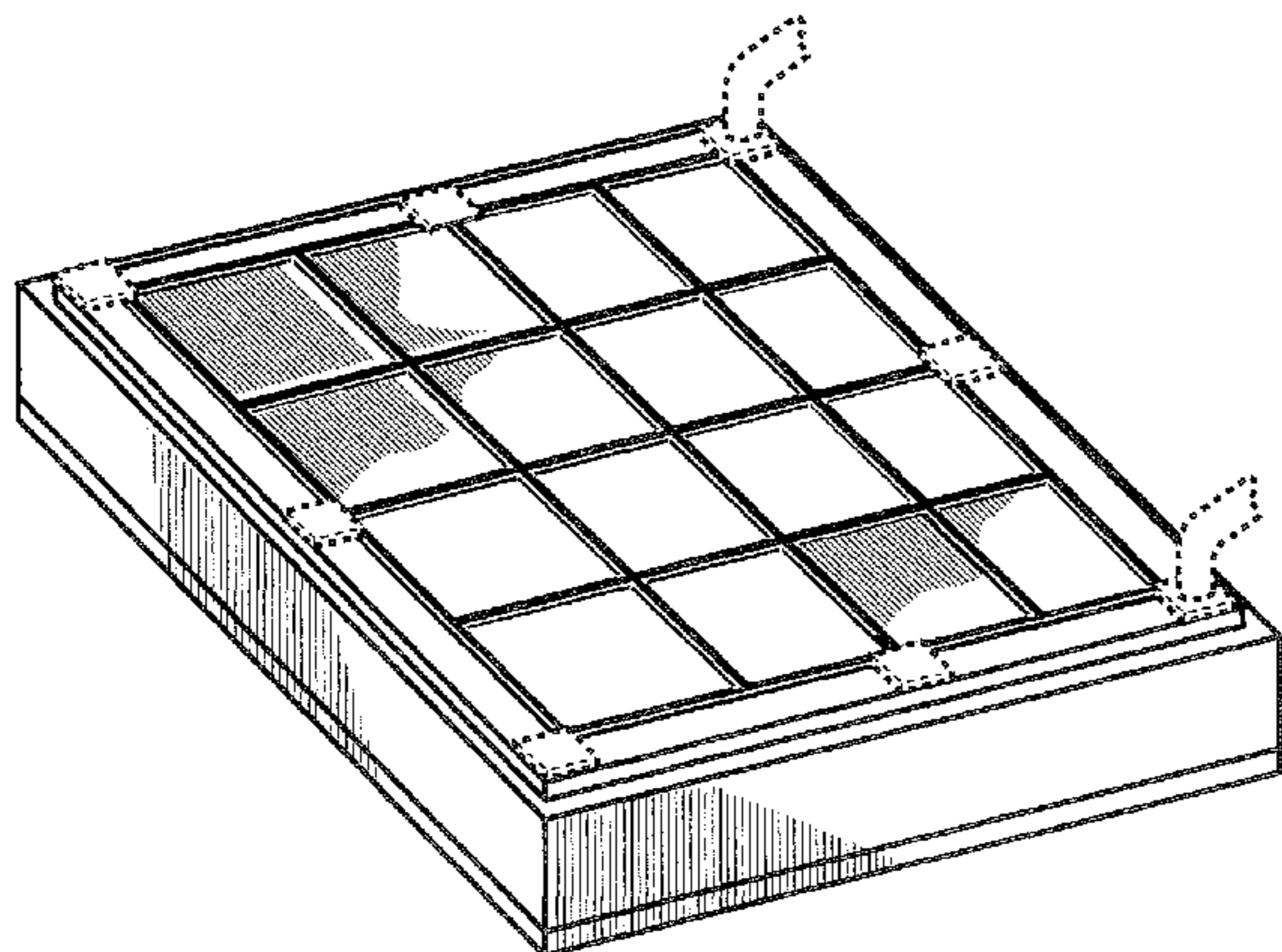
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1 Claim, 4 Drawing Sheets



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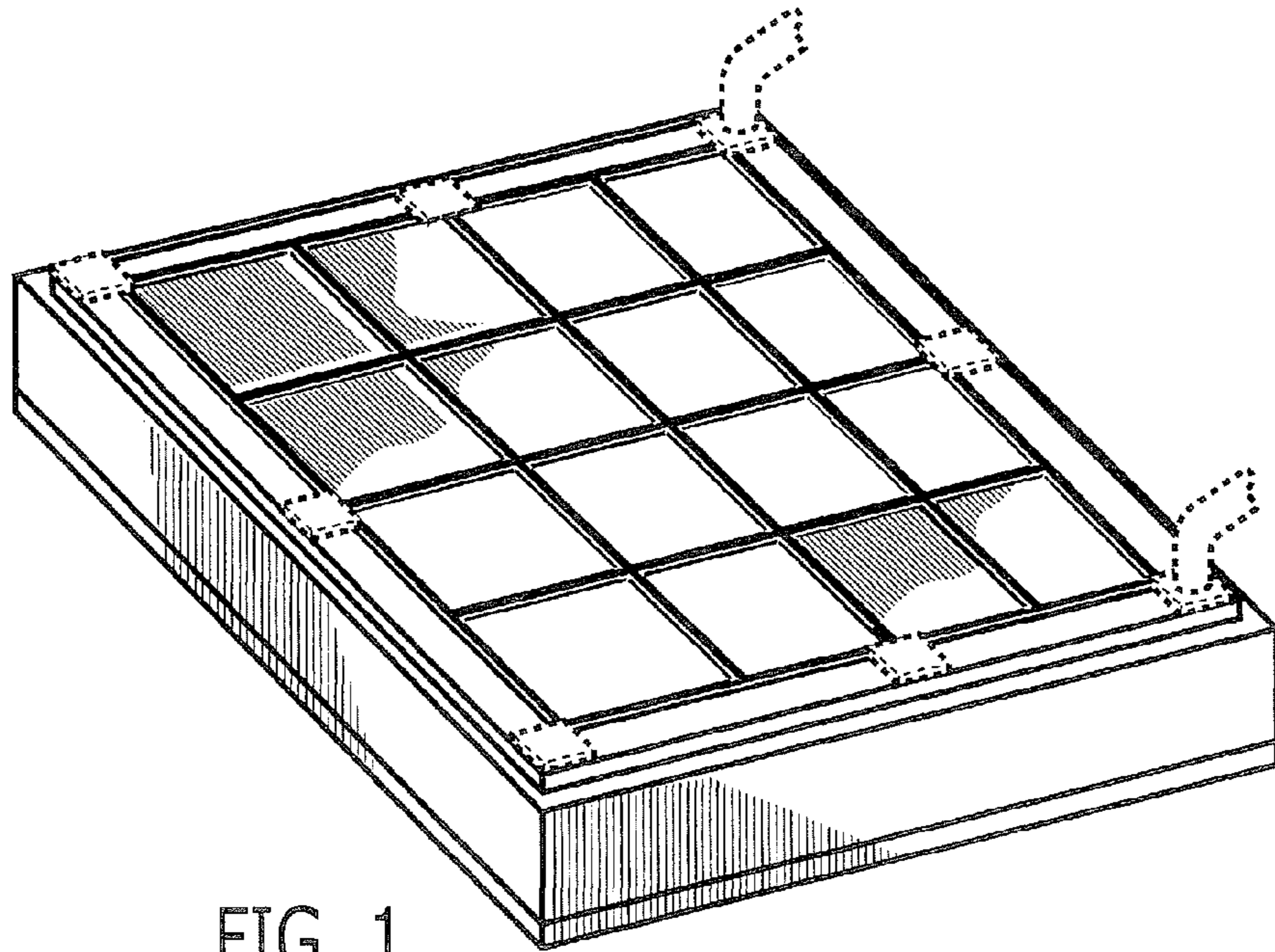


FIG. 1

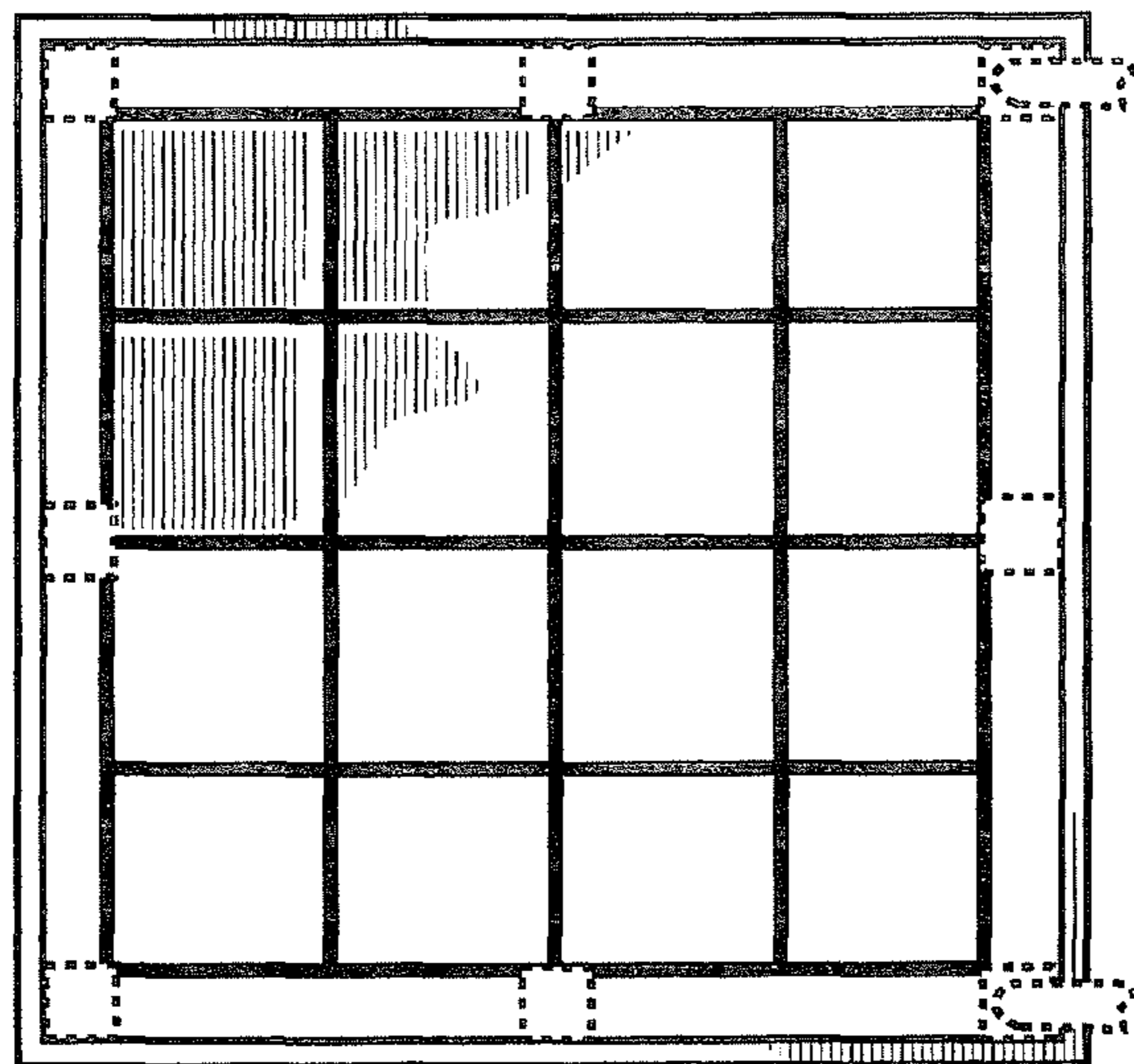


FIG. 2

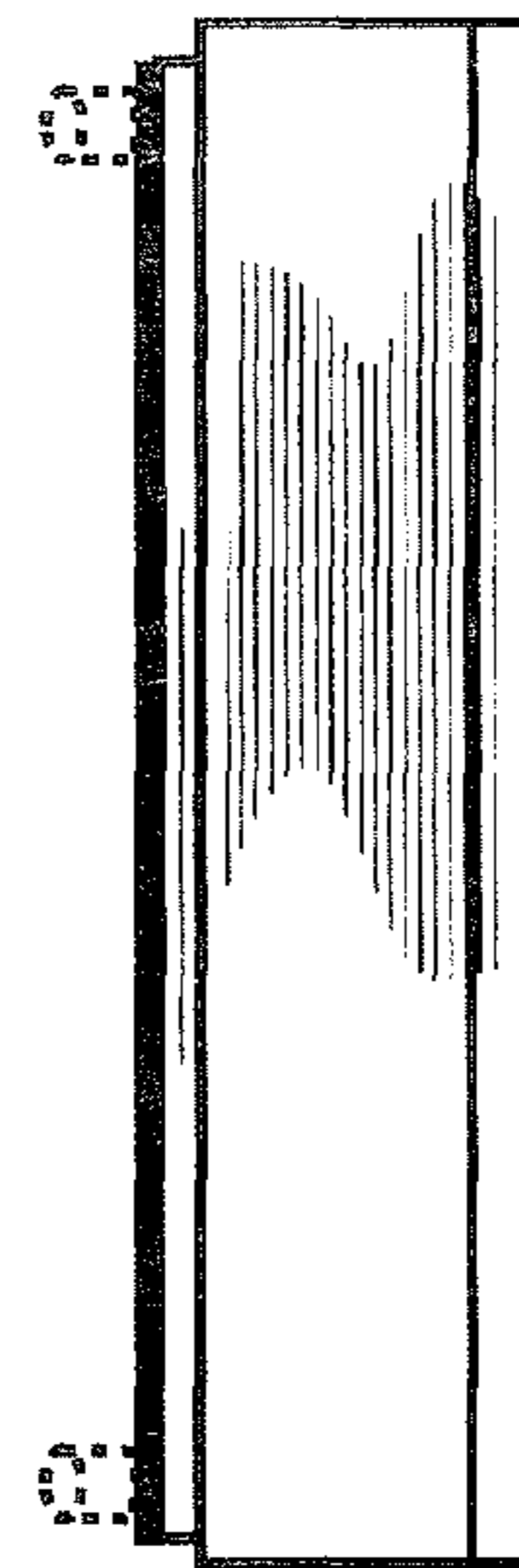


FIG. 3

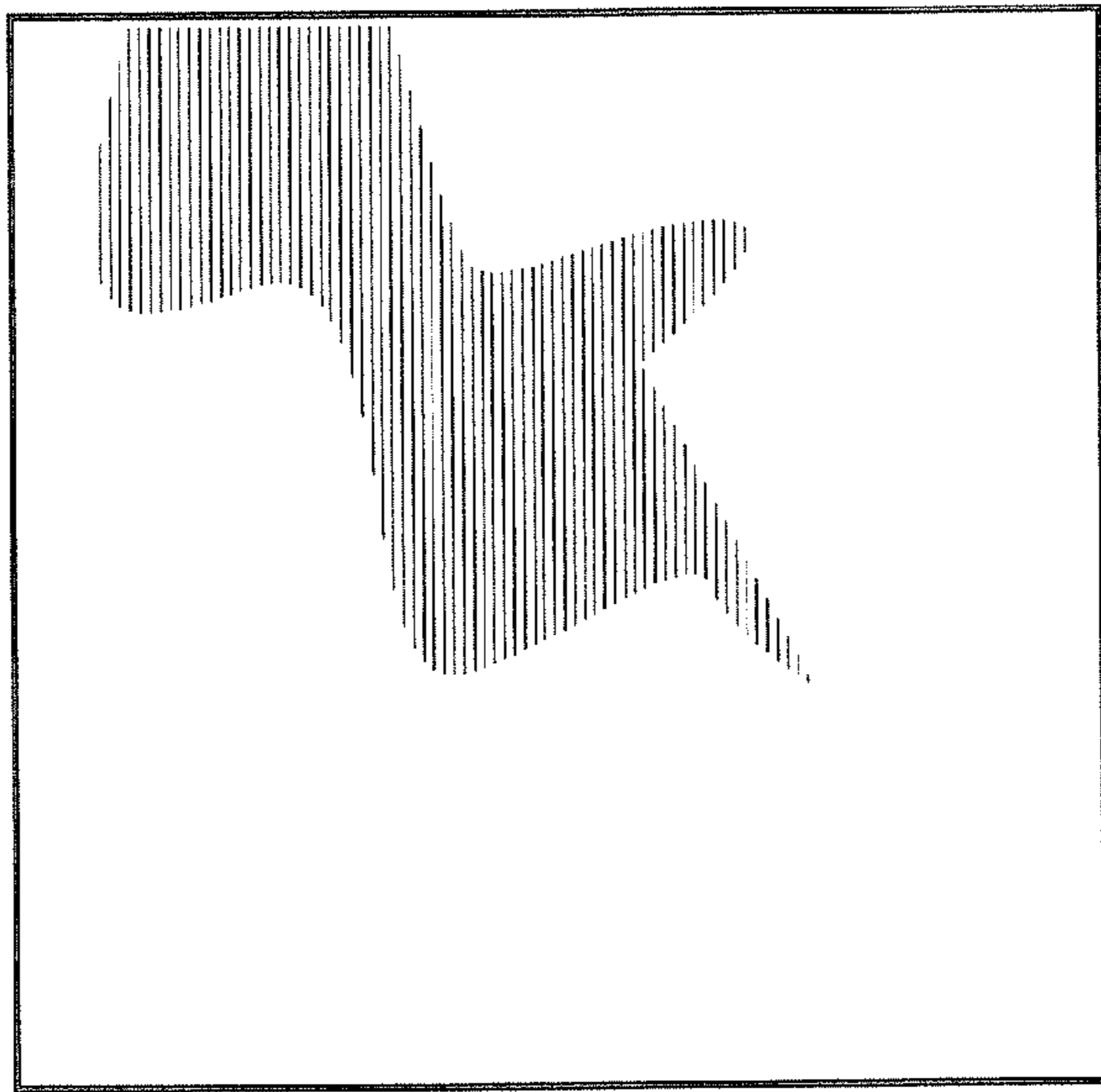


FIG. 4

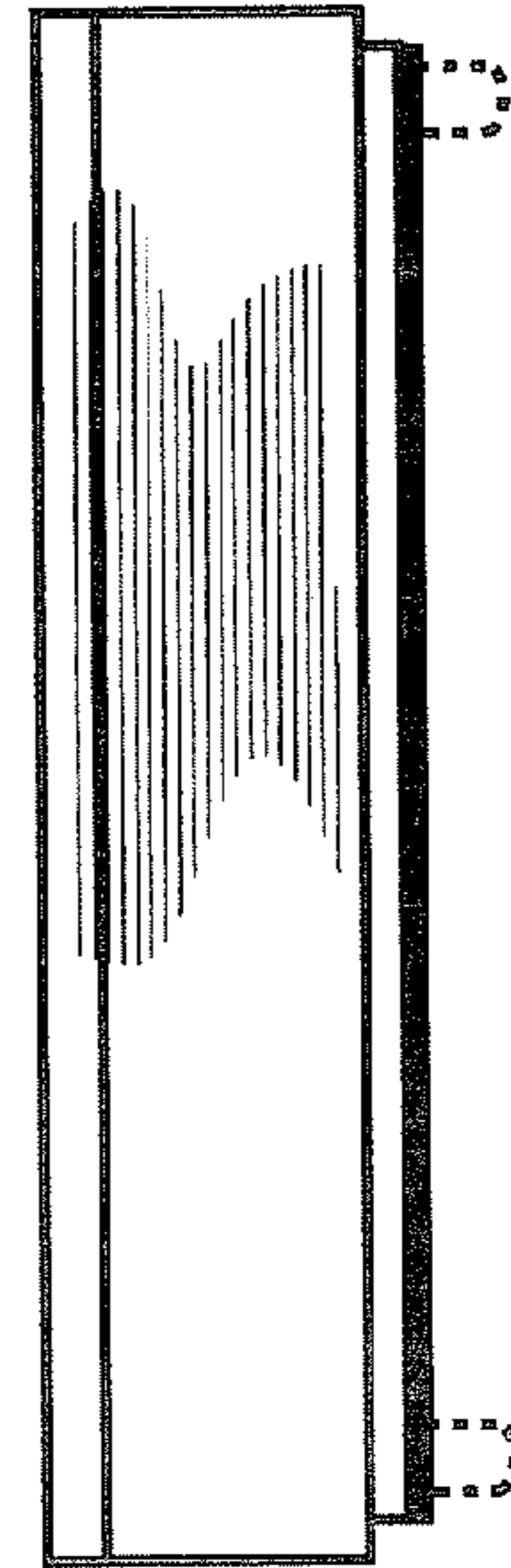


FIG. 5

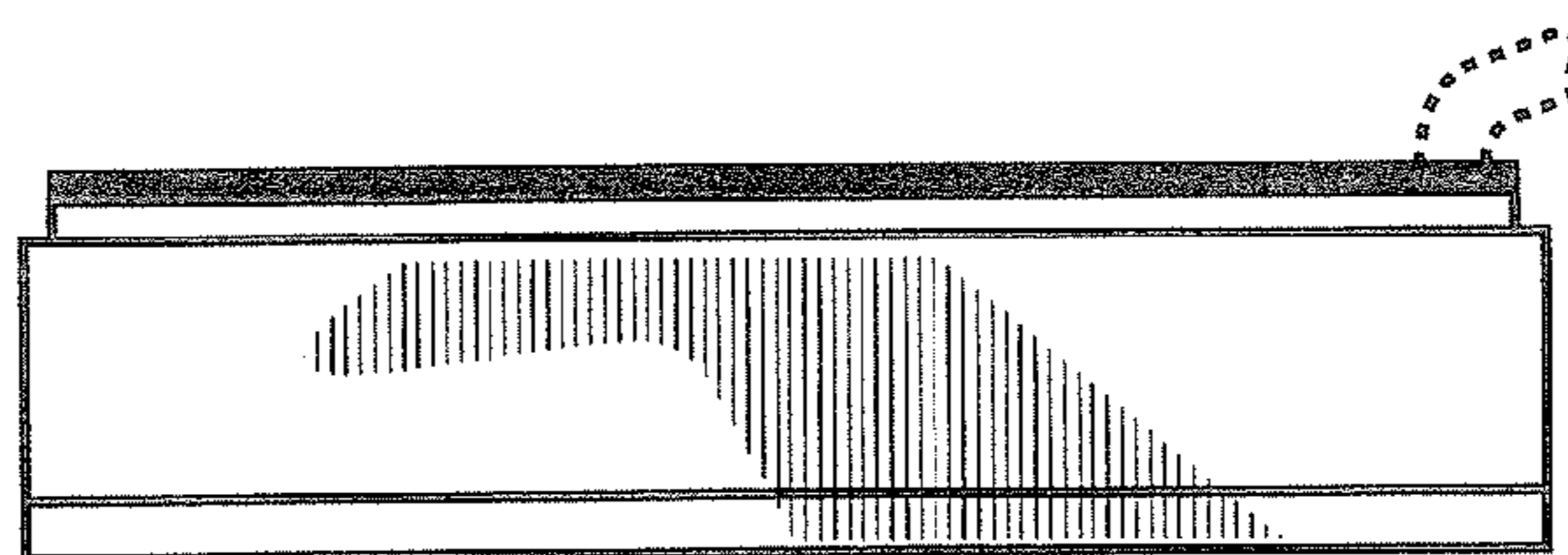


FIG. 6

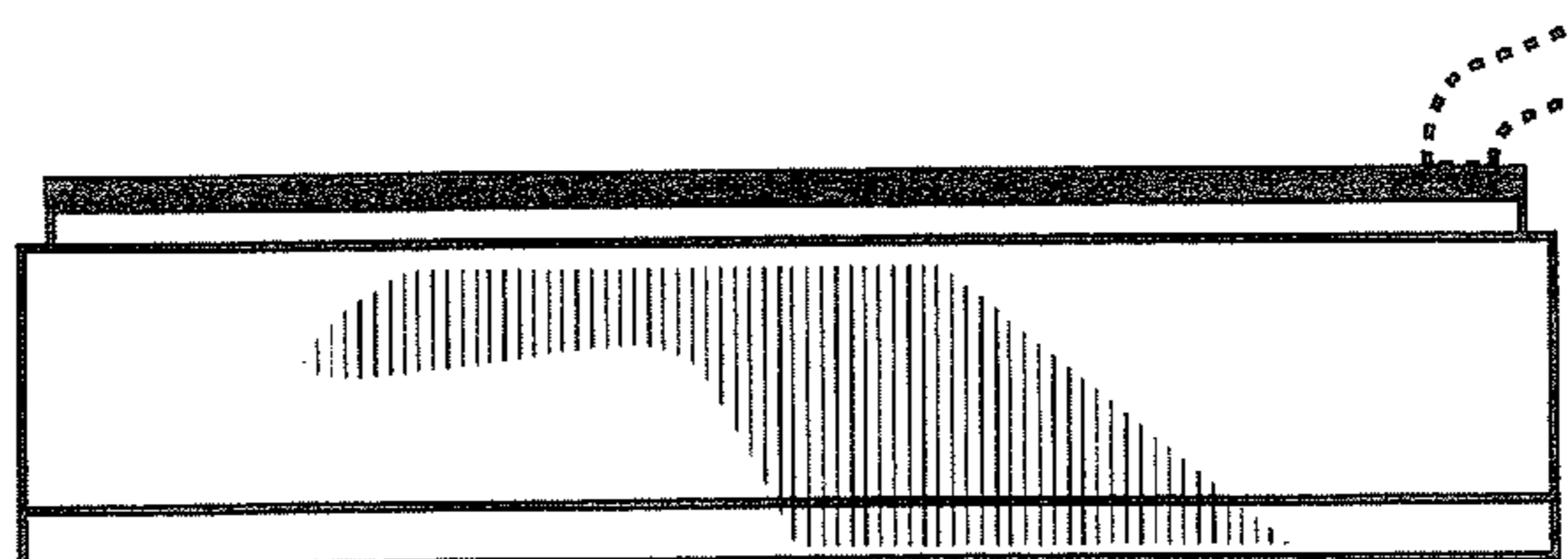


FIG. 7

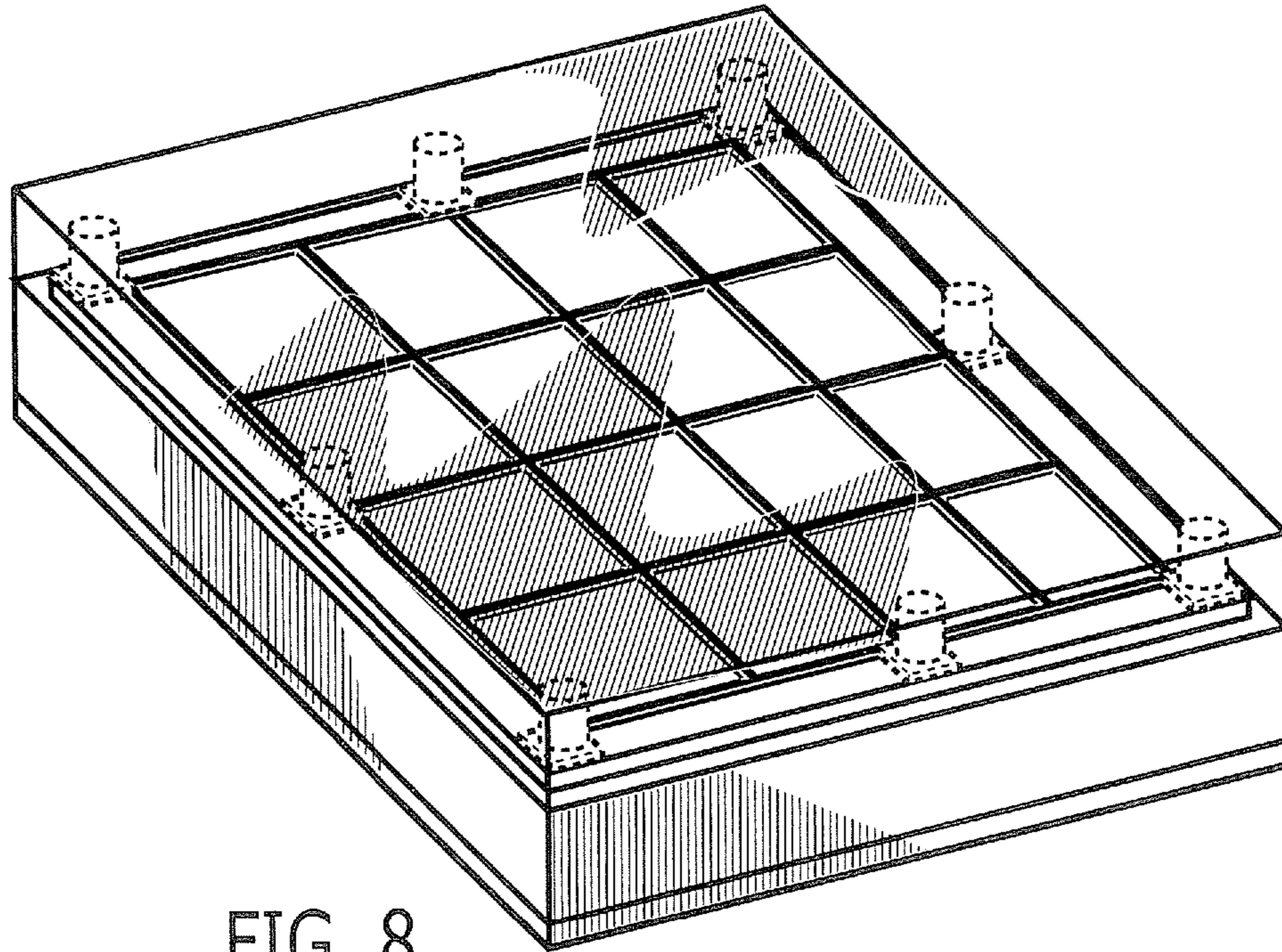


FIG. 8

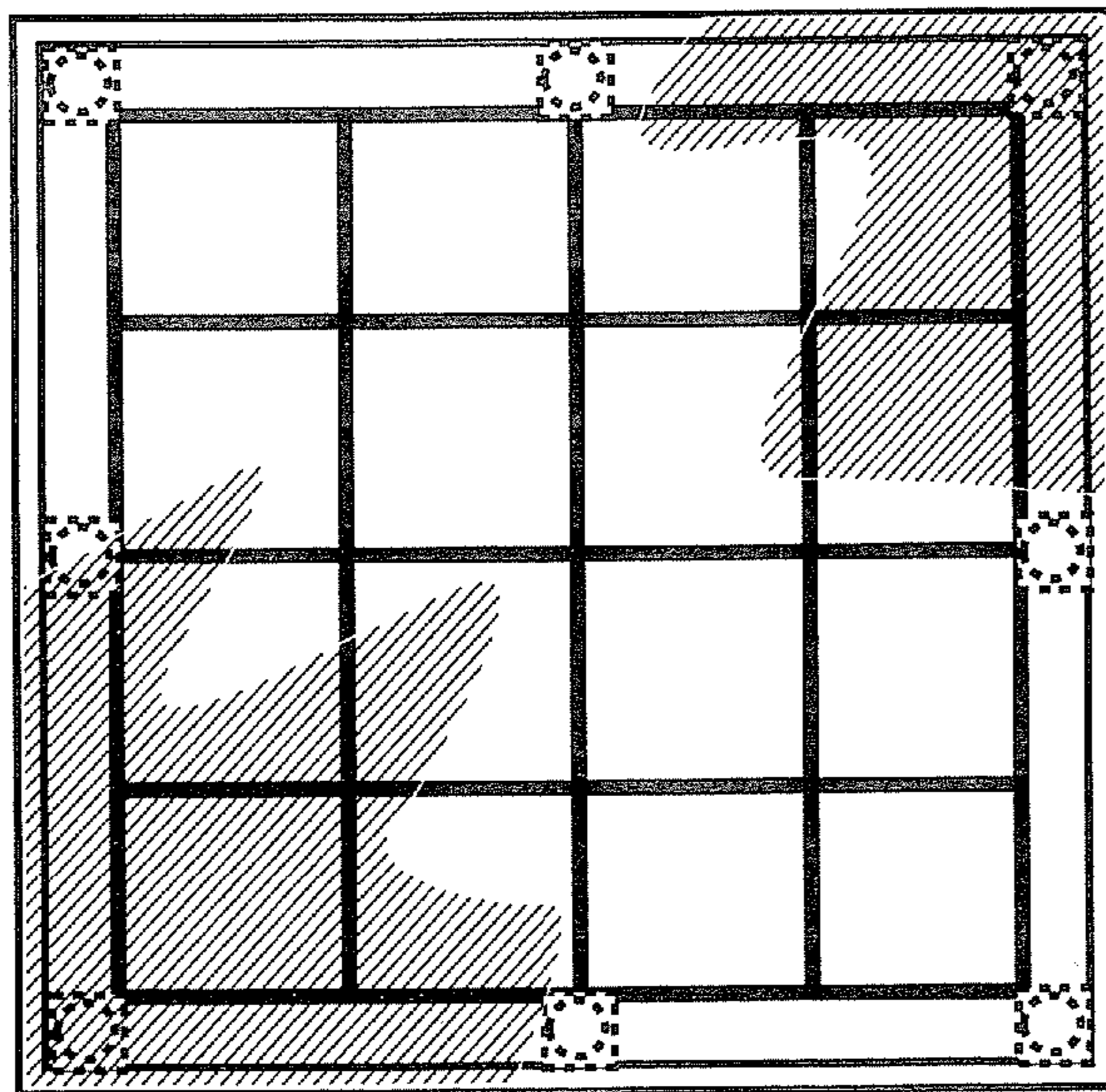


FIG. 9

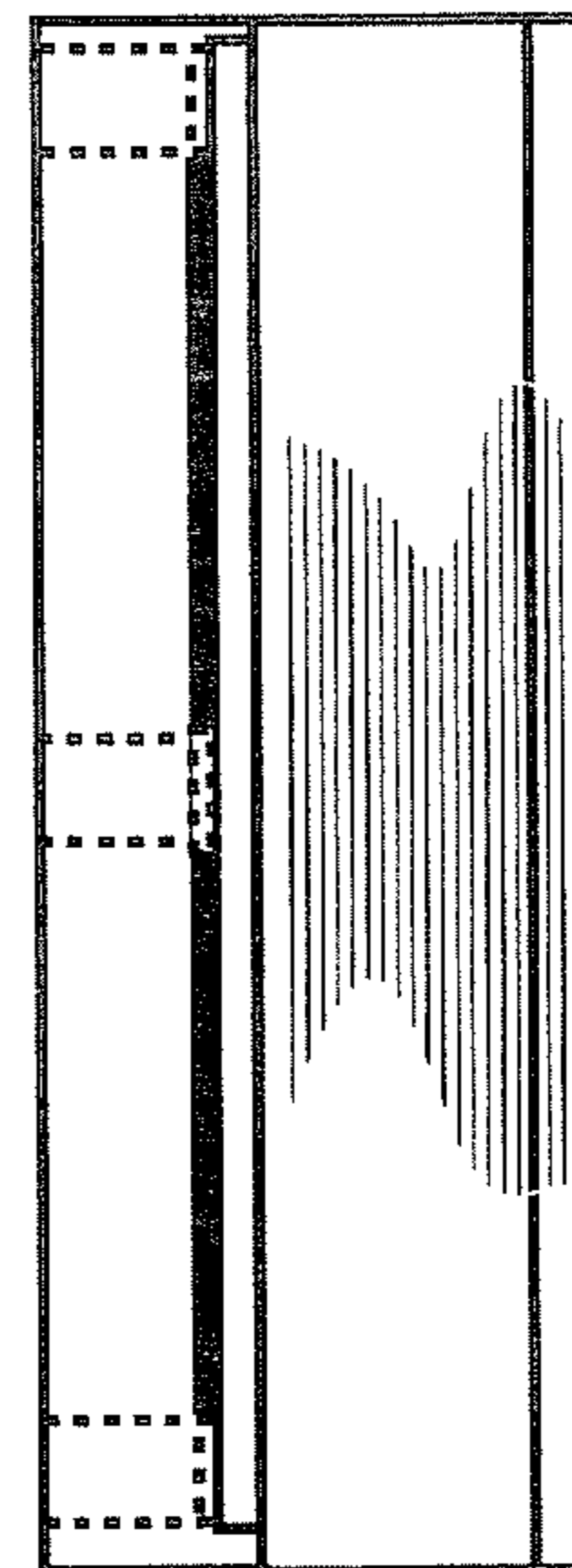


FIG. 10

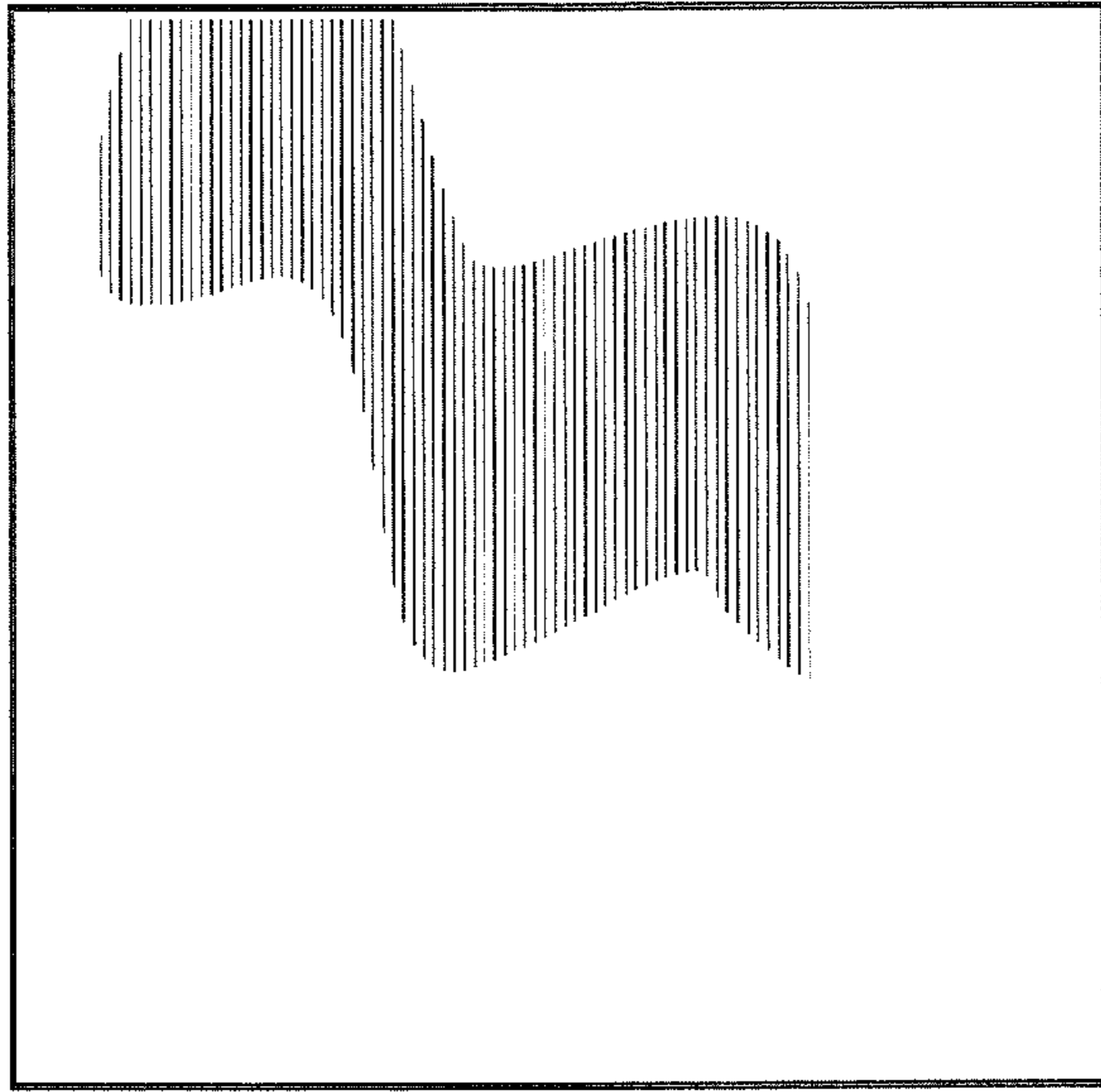


FIG. 11

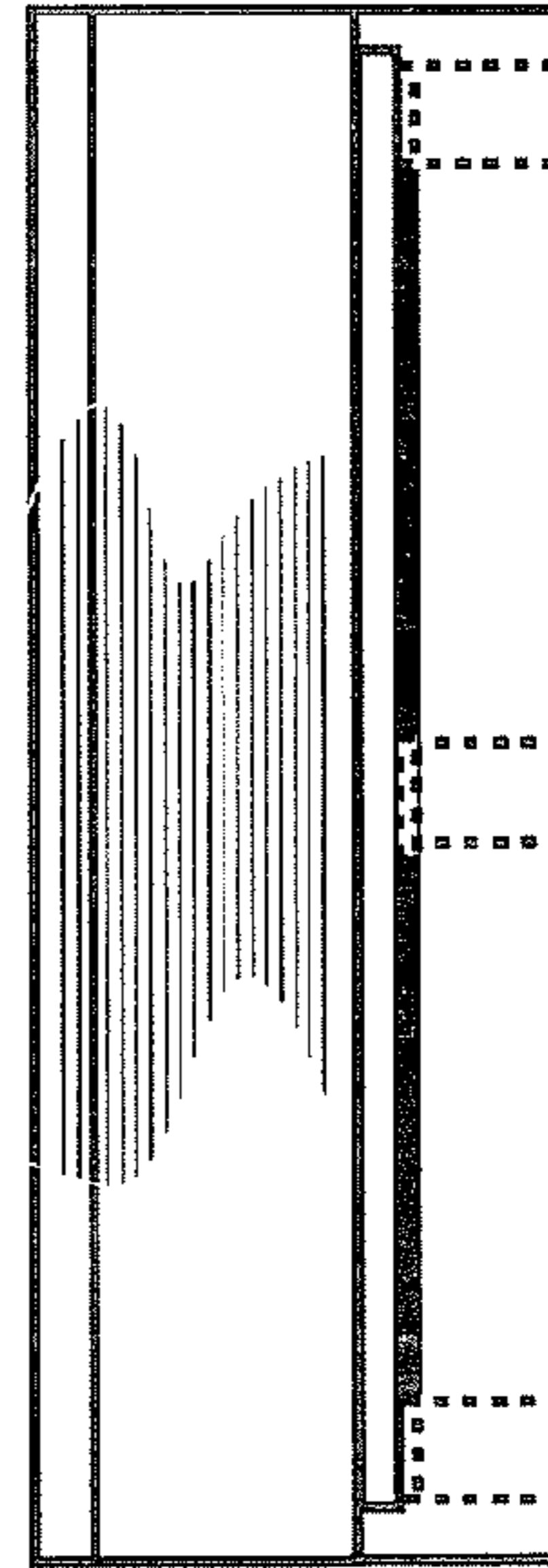


FIG. 12

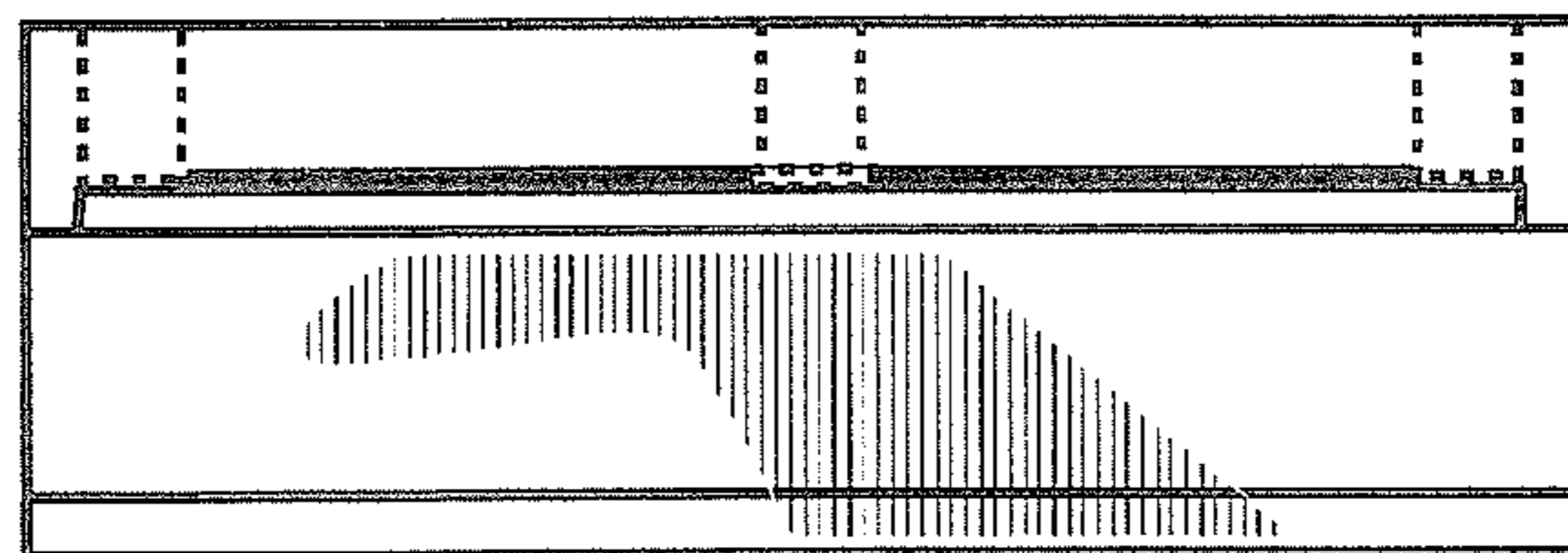


FIG. 13

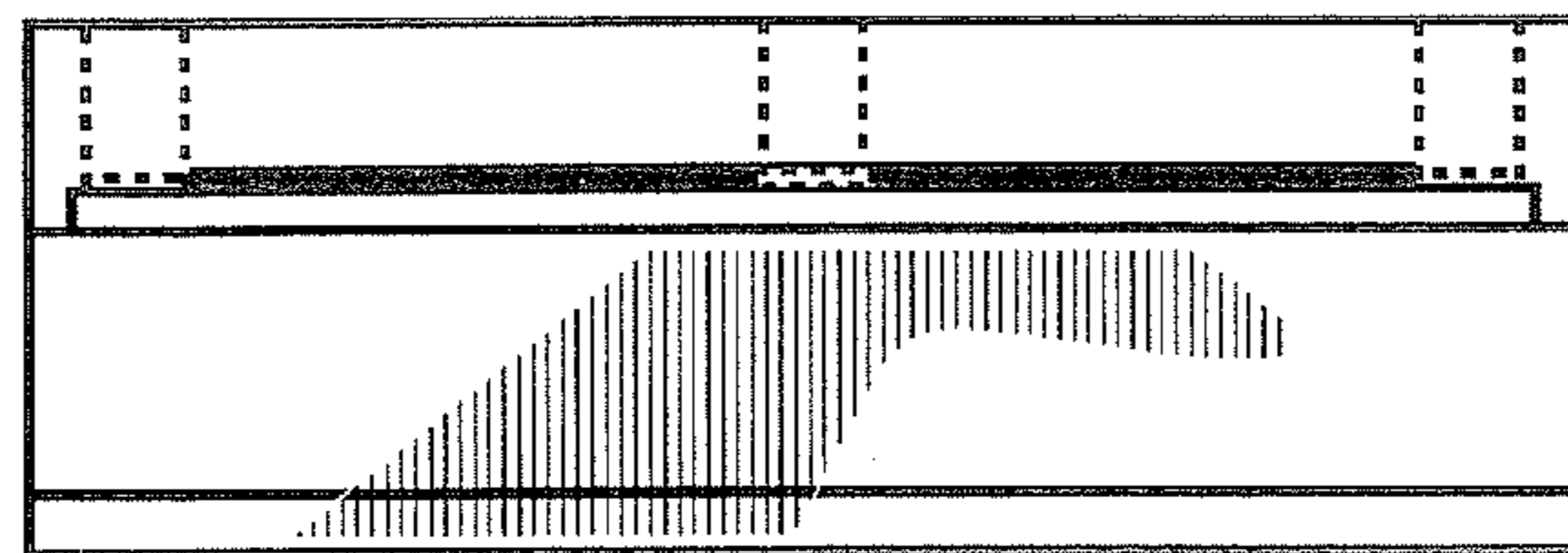


FIG. 14