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(12) **United States Design Patent** (10) **Patent No.:** **US D539,177 S**  
**Widener et al.** (45) **Date of Patent:** **\*\* Mar. 27, 2007**

(54) **EXTERNAL DOSIMETER PATCH**

WO WO03/047694 A2 6/2003

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(US); **John Carroll**, Wake Forest, NC  
(US)

**OTHER PUBLICATIONS**

National Aeronautics and Space Administration, *Extravehicular Activity Radiation Monitoring (EVARM)*, Fact Sheet FS 2001-11-191-MSFC, abstract review, Oct. 2001.

(73) Assignee: **Sicel Technologies, Inc.**, Morrisville, NC (US)

Ranii, D., N&O Article, *Sicel seeks go-ahead for clinical trials*. Apr. 17, 2002.

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

Ranii, D., N&O Article, *Company's device aims to monitor disease from inside*. Mar. 30, 2000.

(21) Appl. No.: **29/246,598**

Mathur, V.K., *Ion storage dosimetry*, Nuclear Instruments and Methods in Physics Research B, vol. 184 pp. 190-206 (2001).

(22) Filed: **Apr. 26, 2006**

Gratz et al., *Smart card for detection of alpha radiation sensors and actuators* 61 pp. 431-435 (1997).

**Related U.S. Application Data**

Barthe, Jean, *Electronic dosimeters based on solid state detectors*, Nuclear Instruments and Methods in Physics Research Sec. B vol. 184, pp. 158-189 (2001).

(62) Division of application No. 29/212,259, filed on Aug. 30, 2004.

(51) **LOC (8) Cl.** ..... **10-04**

Widener et al., *OneDose Surface Dosimeter*, Sicel Technologies Inc., 1 sheet, Aug. 2003.

(52) **U.S. Cl.** ..... **D10/47**

(58) **Field of Classification Search** ..... D10/47;  
250/370.01, 370.07, 370 F, 473.1, 474.1,  
250/484.3, 484.4; 356/319, 328; 600/436  
See application file for complete search history.

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(56) **References Cited**

**CLAIM**

**U.S. PATENT DOCUMENTS**

The ornamental design for an external dosimeter patch, as shown and described.

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**DESCRIPTION**

FIG. 1 is a front perspective view of an embodiment of an attached array of external dosimeter patches illustrating our design;

**FOREIGN PATENT DOCUMENTS**

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EP	0471957	A2	2/1992
EP	0537761	A2	4/1993
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WO	WO02/09775	A2	2/2002
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FIG. 2 is a front view thereof;

FIG. 3 is an end view thereof;

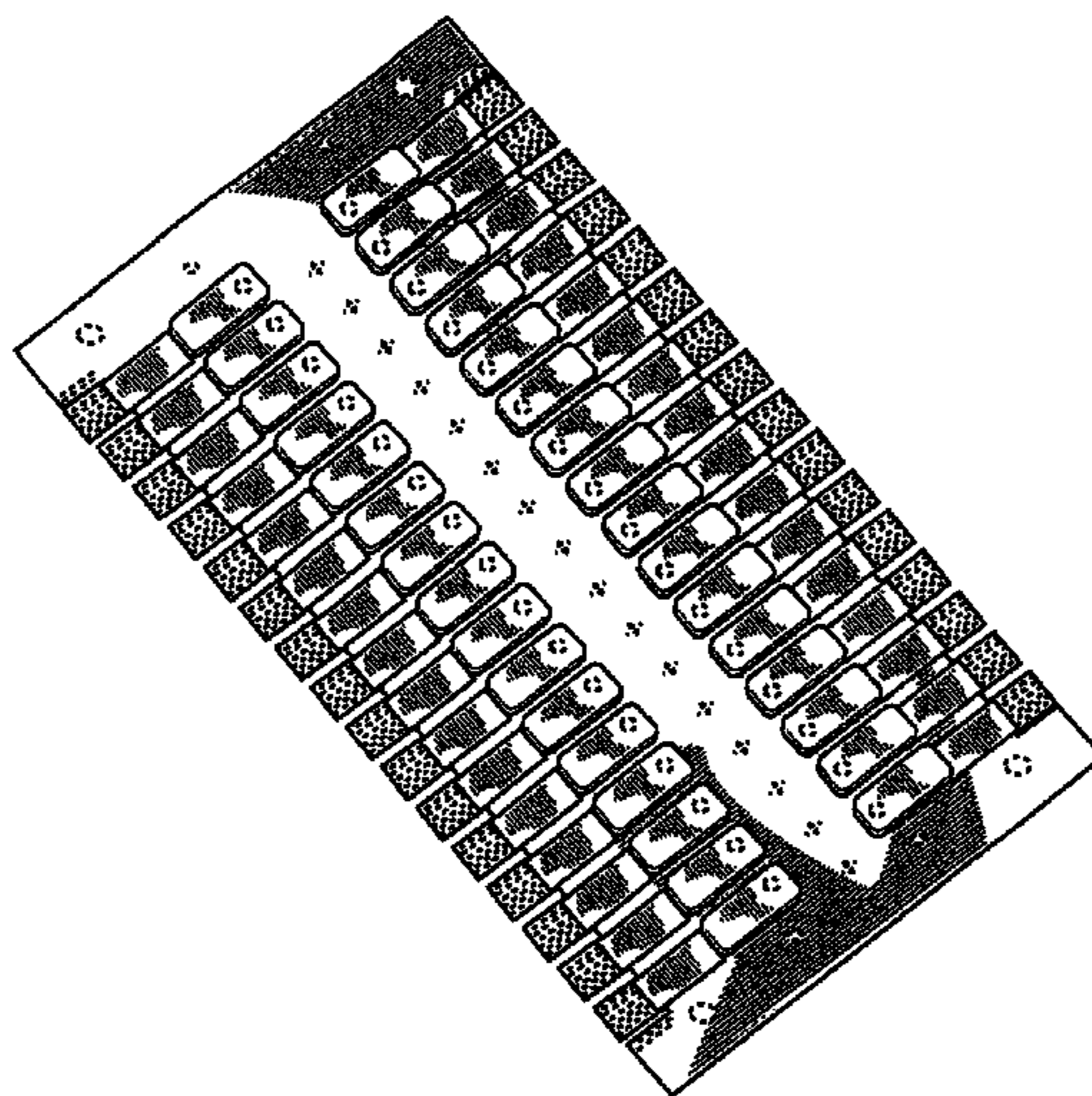
FIG. 4 is a rear view thereof;

FIG. 5 is an opposing end view thereof; and,

FIG. 6 is a side view thereof.

The broken lines shown herein are for illustrative purposes only and form no part of the claimed design. The illustrated device is not limited to the scale shown.

**1 Claim, 2 Drawing Sheets**





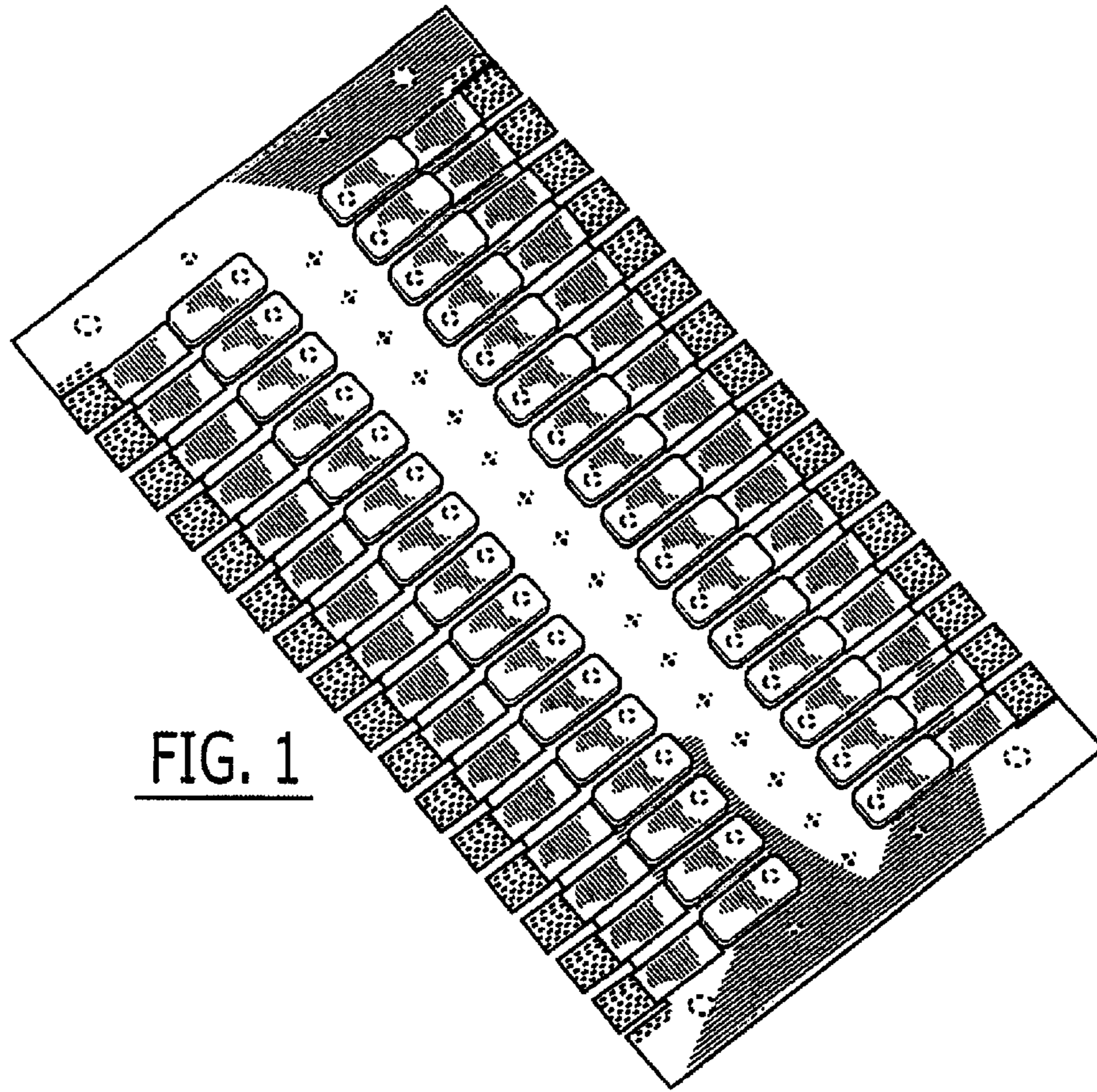


FIG. 1

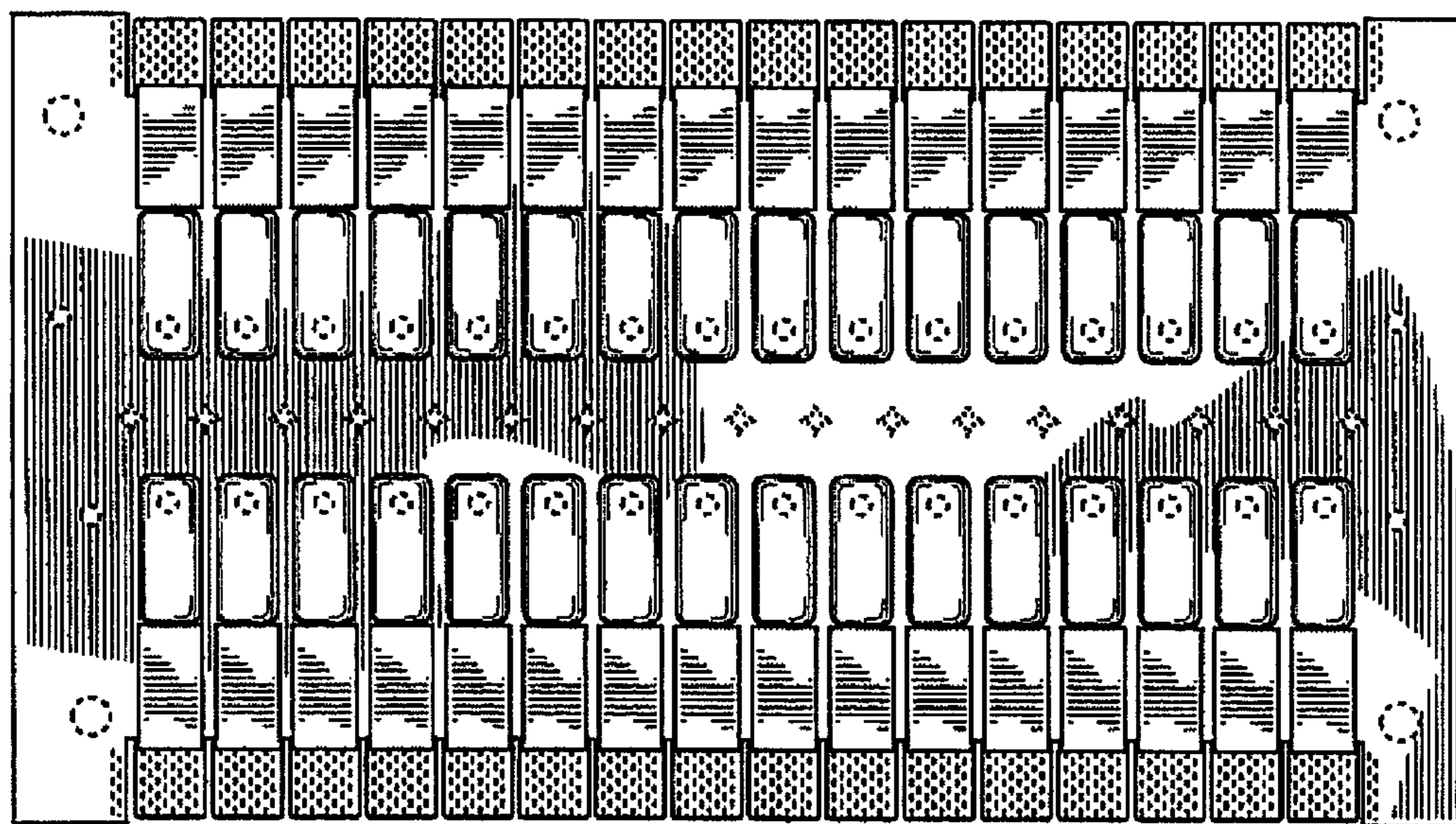


FIG. 2



FIG. 3

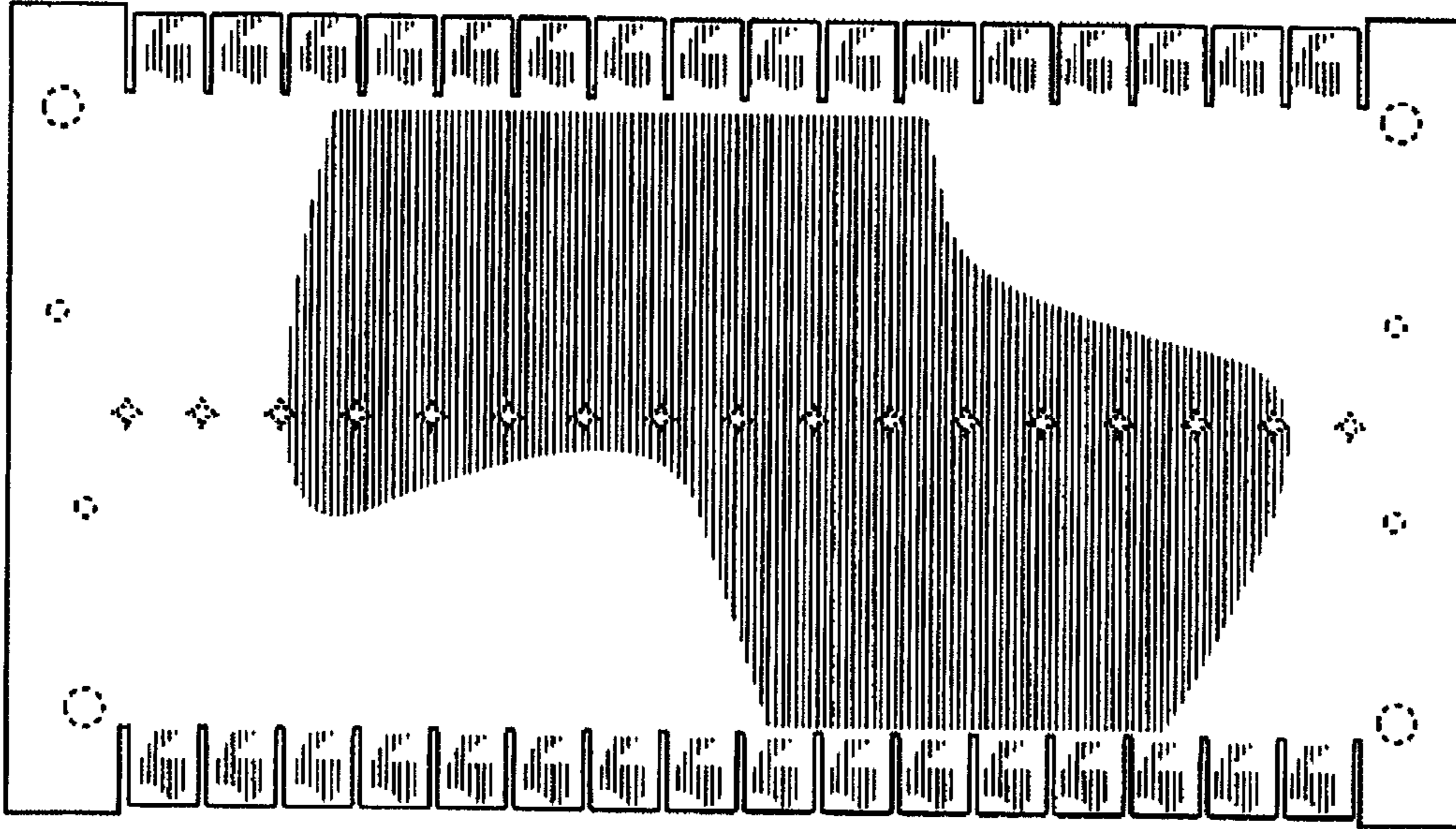


FIG. 4



FIG. 5



FIG. 6