



US00D775634S

(12) **United States Design Patent**
Chaplin et al.(10) **Patent No.:** US D775,634 S
(45) **Date of Patent:** ** Jan. 3, 2017

(54) **DISPLAY SCREEN OR PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE FOR A MONITORING AND CONTROL DEVICE FOR AN INTRA-CARDIAC PROCEDURE SYSTEM**

(71) Applicant: **Kardium Inc.**, Burnaby (CA)

(72) Inventors: **Kevin Marc Chaplin**, Vancouver (CA); **Daniel Robert Weinkam**, Coquitlam (CA); **Michael Hermann Weber**, Vancouver (CA)

(73) Assignee: **KARDIUM INC.**, Burnaby (CA)

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

(21) Appl. No.: **29/507,777**

(22) Filed: **Oct. 30, 2014**

(51) LOC (10) Cl. **14-04**

(52) U.S. Cl.

USPC **D14/485**

(58) **Field of Classification Search**

USPC D14/485-495

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

6,663,627 B2 12/2003 Francischelli et al.
D526,327 S * 8/2006 Braff D14/488

(Continued)

FOREIGN PATENT DOCUMENTS

WO 95/20349 A1 8/1995
WO 97/24981 A2 7/1997
WO 2008135731 A1 11/2008

OTHER PUBLICATIONS

Bortone et al. "Unipolar Signal Modification as a Guide for Lesion Creation During Radiofrequency Application in the Left Atrium";

Circulation Arrhythmia and Electrophysiology; Dec. 2013 ; pp. 1095-1102.

(Continued)

Primary Examiner — Sheryl Lane

Assistant Examiner — Nicole Shiflet

(74) *Attorney, Agent, or Firm* — Rossi, Kimms & McDowell LLP

(57) **CLAIM**

The ornamental design for a display screen or portion thereof with animated graphical user interface for a monitoring and control device for an intra-cardiac procedure system, as shown and described.

DESCRIPTION

FIG. 1 is a first image in a sequence showing a first embodiment of the design for a display screen or portion thereof with an animated graphical user interface for a monitoring and control device for an intra-cardiac procedure system;

FIG. 2 is a second image thereof;

FIG. 3 is a third image thereof;

FIG. 4 is a first image in a sequence showing a second embodiment of the design for a display screen or portion thereof with an animated graphical user interface for a monitoring and control device for an intra-cardiac procedure system;

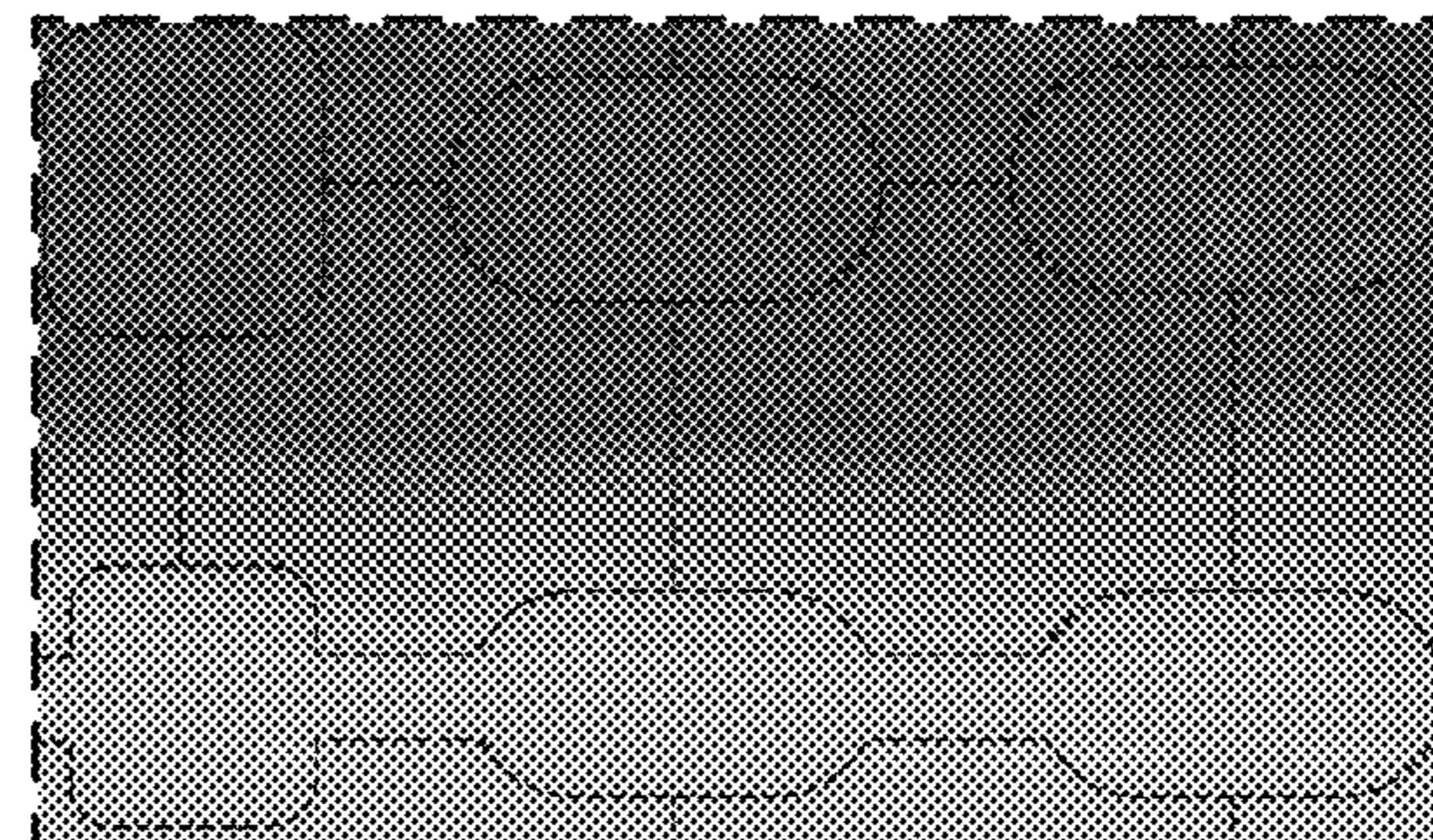
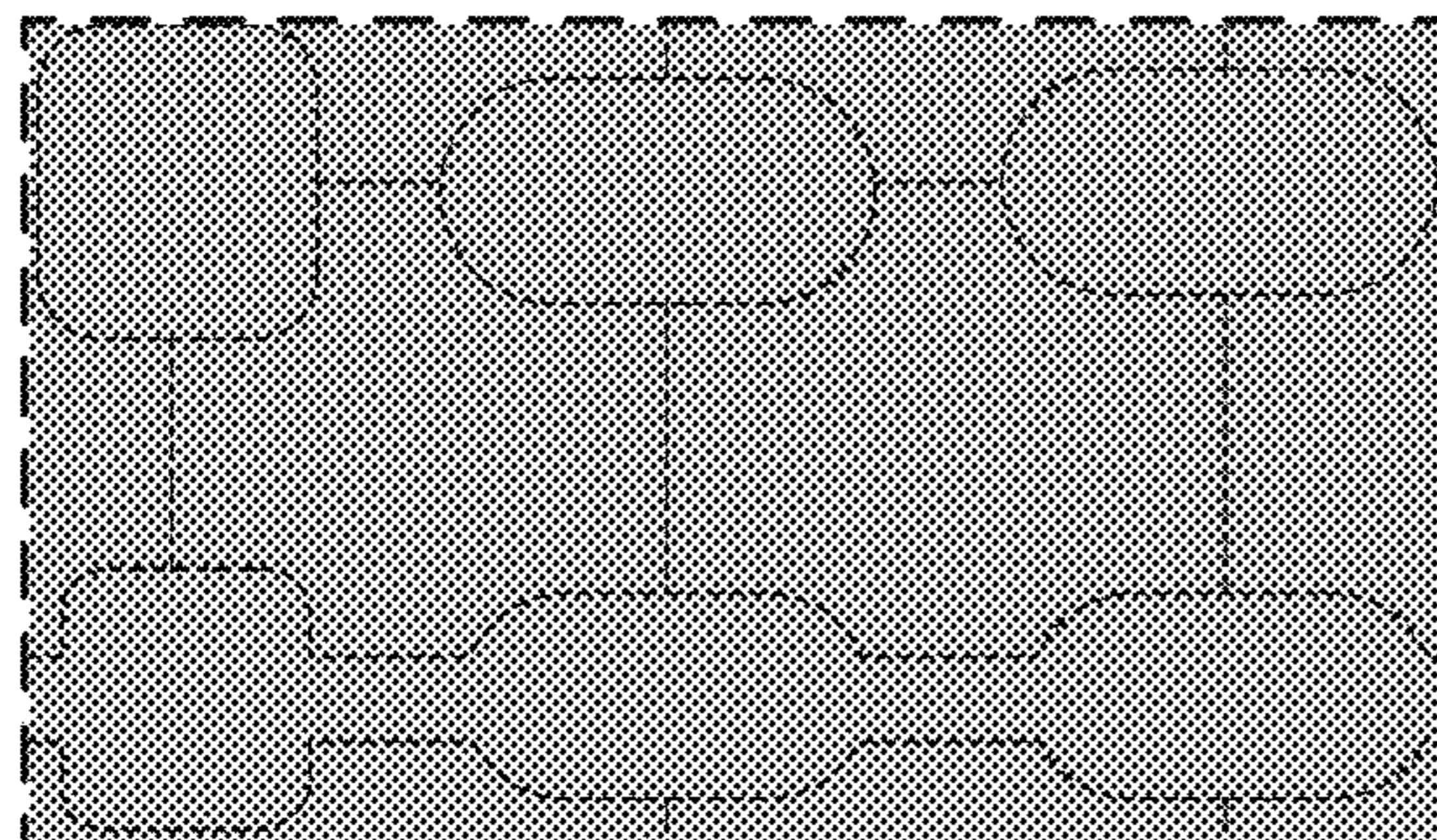
FIG. 5 is a second image thereof;

FIG. 6 is a third image thereof; and,

FIG. 7 is a fourth image thereof.

The appearance of the animated graphical user interface sequentially transitions between the images shown in FIGS. 1-3 in one embodiment and FIGS. 4-7 in another embodiment. The process or period in which one image transitions to another forms no part of the claimed design. The broken lines showing the display screen or portion thereof and portions of the graphical user interface form no part of the claimed design.

1 Claim, 2 Drawing Sheets



(58) **Field of Classification Search**

CPC G06F 3/04842; G06F 3/04817; G06F 3/0482;
 G06T 11/00; G06T 11/20; G06T 13/00;
 G06T 13/80

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D528,550	S *	9/2006	Stein	D14/485
D533,871	S *	12/2006	Stabb	D14/485
D544,874	S *	6/2007	Evans	D14/486
D567,249	S *	4/2008	Gunn	D14/485
7,610,082	B2 *	10/2009	Chance	A61B 5/0073 600/323
D608,369	S *	1/2010	Jeon	D14/488
D608,786	S *	1/2010	Jasinski	D14/485
D612,861	S *	3/2010	Lee	D14/485
D619,145	S *	7/2010	Ebeling	D14/489
D667,422	S *	9/2012	Elliott	D14/488
D708,206	S *	7/2014	Wang	D14/488
D727,932	S *	4/2015	Wang	D14/486
9,042,967	B2 *	5/2015	Dacosta	A61B 5/0059 600/476
D744,500	S *	12/2015	Lee	D14/485
2002/0058870	A1	5/2002	Panescu et al.	
2005/0231512	A1*	10/2005	Niles	G06T 13/20 345/473
2006/0013454	A1*	1/2006	Flewelling	G06K 9/4652 382/128

2008/0154102	A1*	6/2008	Frangioni	A61B 5/0059 600/317
2009/0036942	A1	2/2009	Conley et al.	
2009/0118622	A1*	5/2009	Durkin	A61B 5/0073 600/473
2010/0160752	A1*	6/2010	Chance	A61B 5/0073 600/323
2010/0168586	A1*	7/2010	Hillman	G02B 23/2476 600/476

2010/0280399	A1	11/2010	Francis et al.
2011/0251505	A1	10/2011	Narayan et al.
2012/0237093	A1	9/2012	Turgeman
2013/0310826	A1	11/2013	Goertzen et al.
2013/0310828	A1	11/2013	Reinders et al.

OTHER PUBLICATIONS

- Otomo et al. "Local Unipolar and Bipolar Electrogram Criteria for Evaluating the Transmurality of Atrial Ablation Lesions at Different Catheter Orientations Relative to the Endocardial Surface"; Heart Rhythm Society; Sep. 2010; pp. 1291-1300.
- Merkely et al. "Effects of Radiofrequency Ablation on Monophasic Action Potentials"; IEEE Engineering in Medicine and Biology; Jan./Feb. 2002; pp. 69-73.
- Han et al. "How to Achieve Complete and Permanent Pulmonary Vein Isolation without Complications"; The Korean Society of Cardiology; Sep. 2014; pp. 291-300.
- Umapathy et al. "Phase Mapping of Cardiac Fibrillation"; Circulation Arrhythmia and Electrophysiology; May 5, 2014.

* cited by examiner

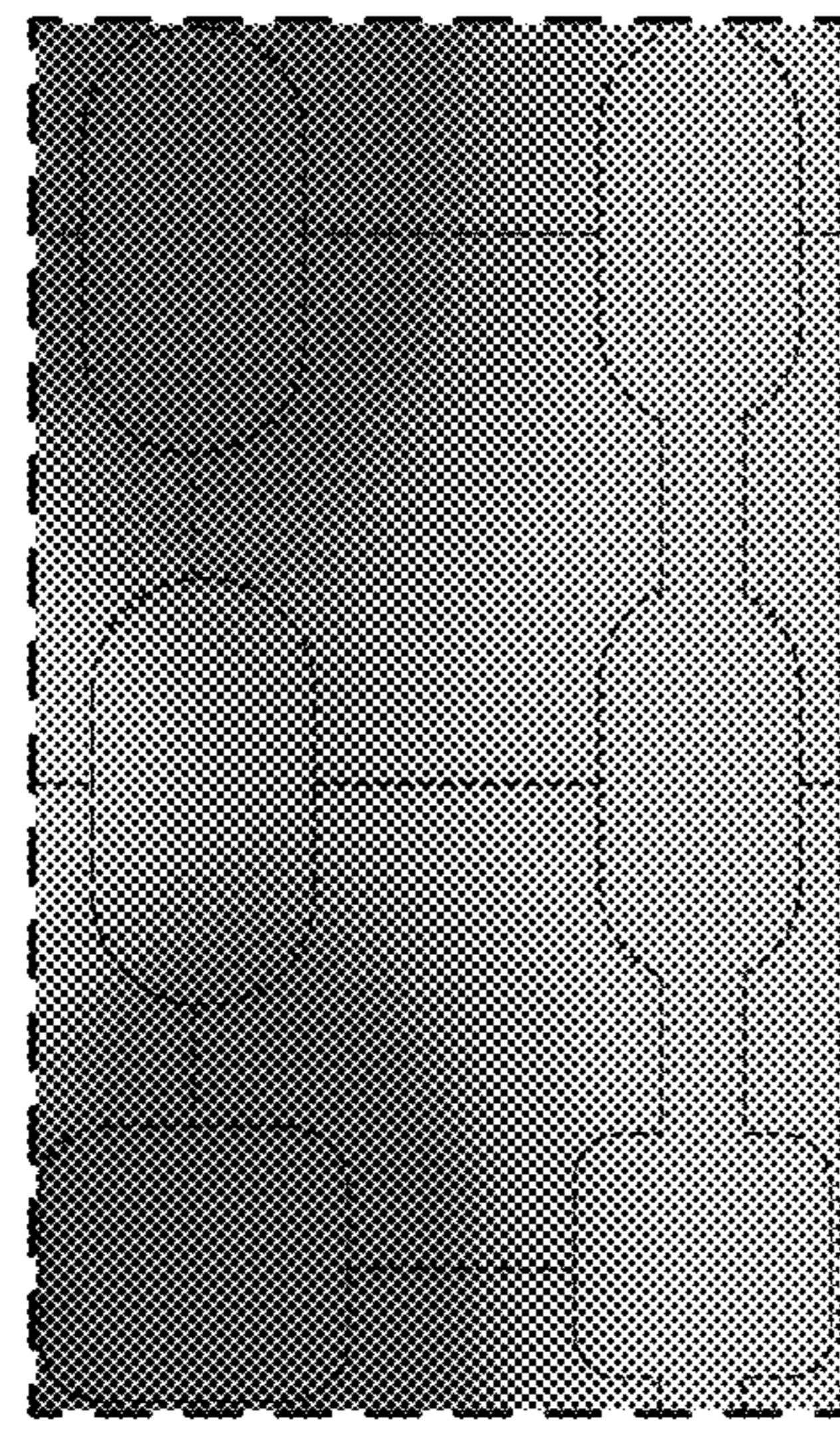


FIG. 3

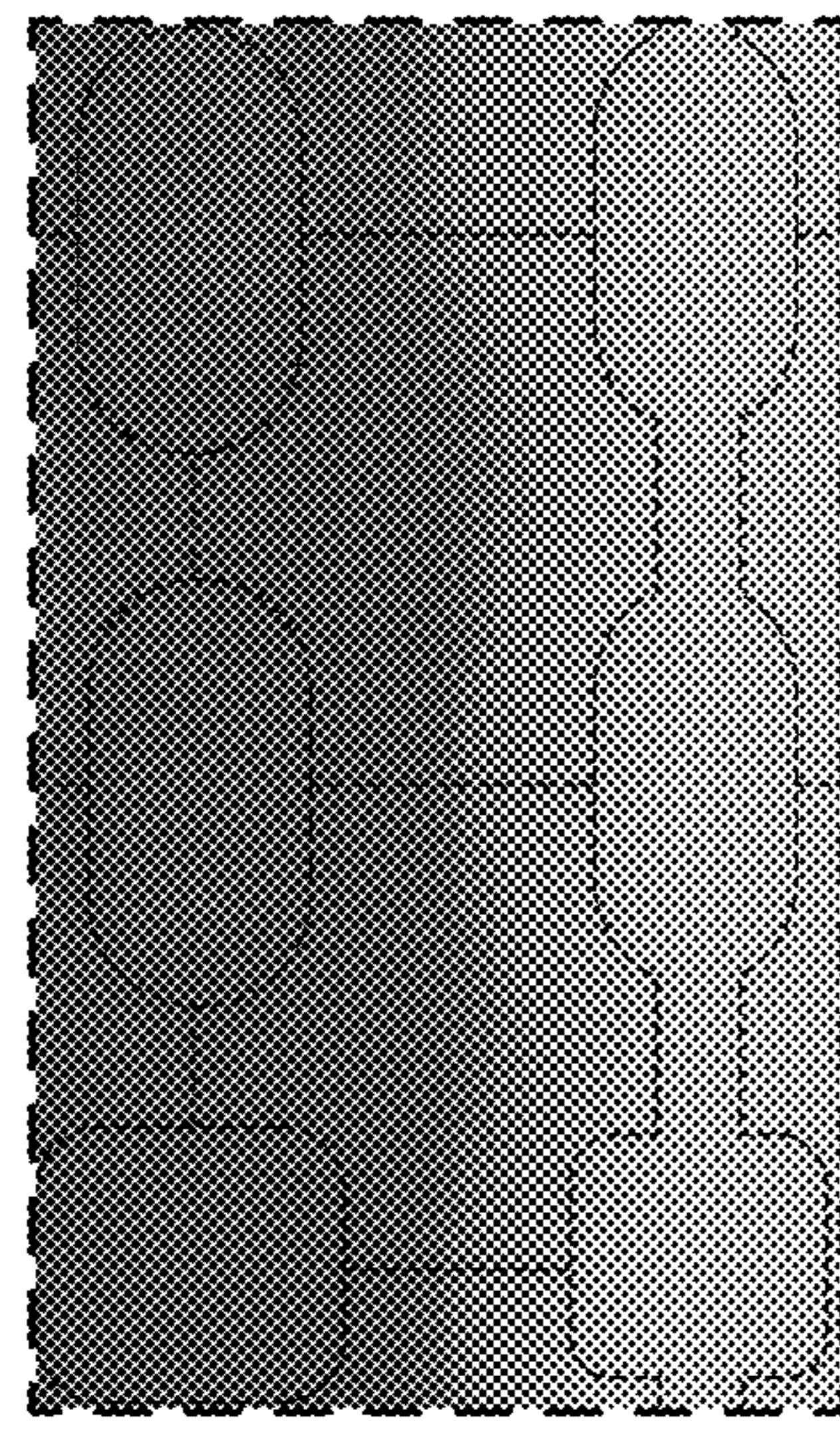


FIG. 2

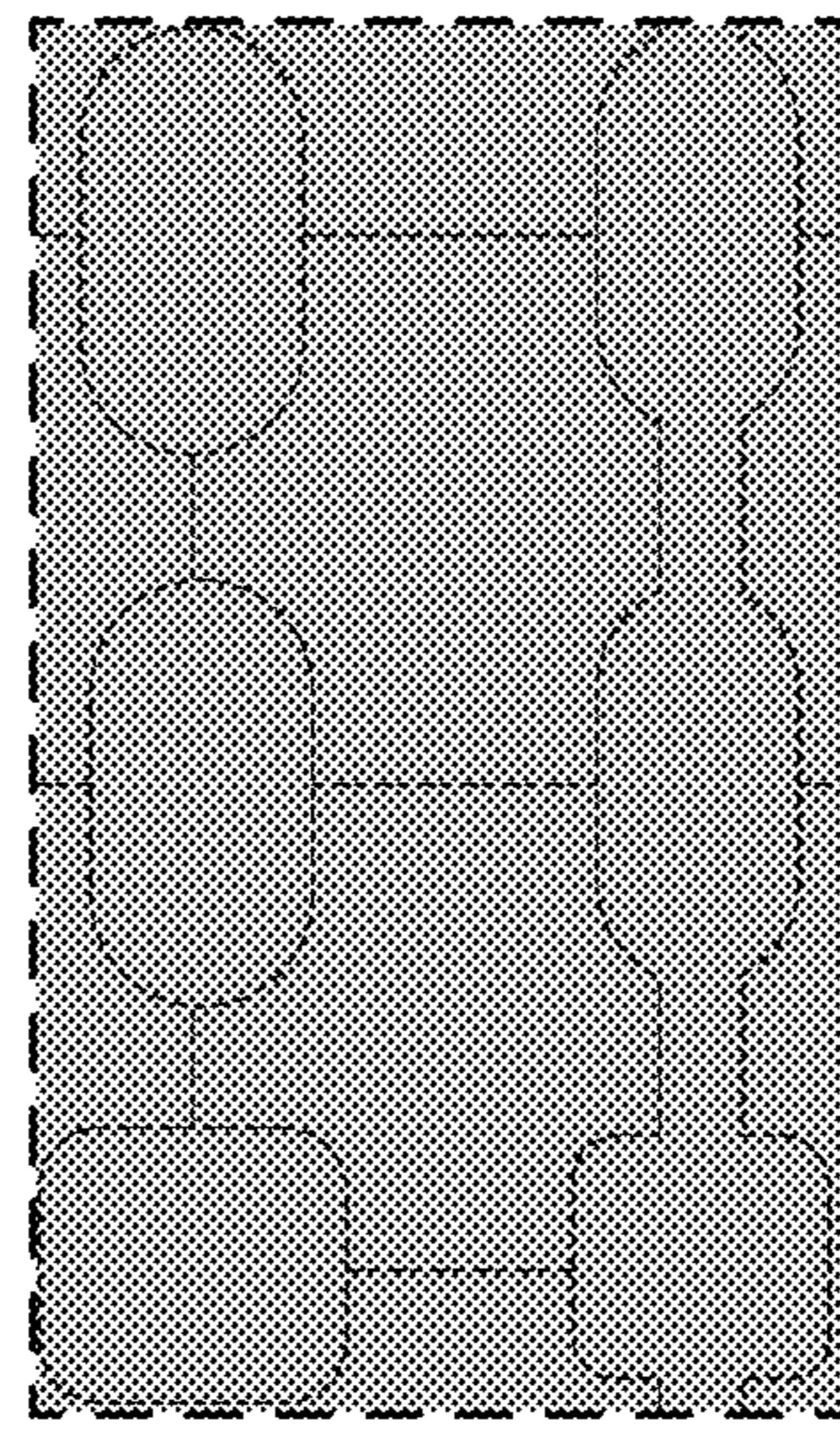


FIG. 1

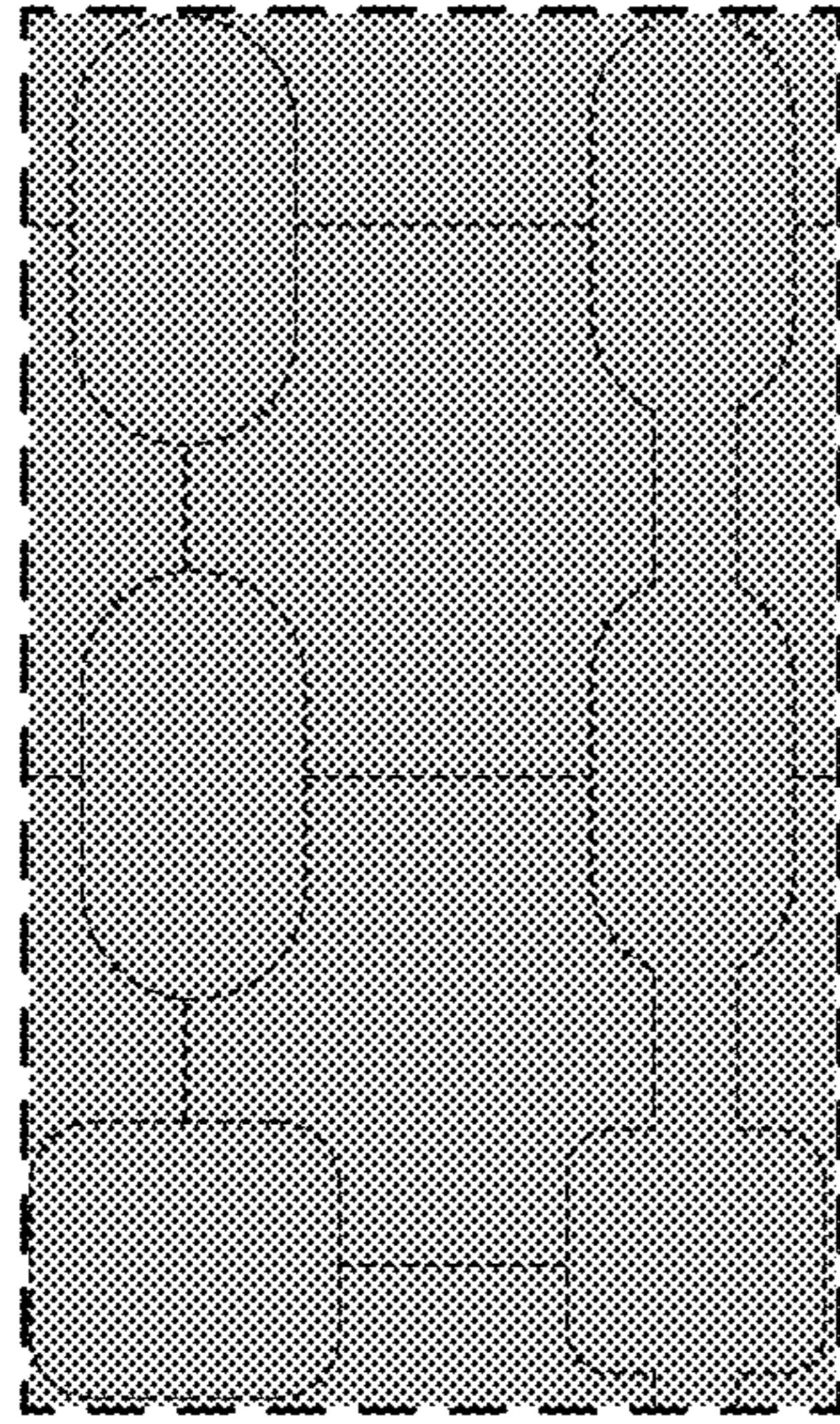


FIG. 4

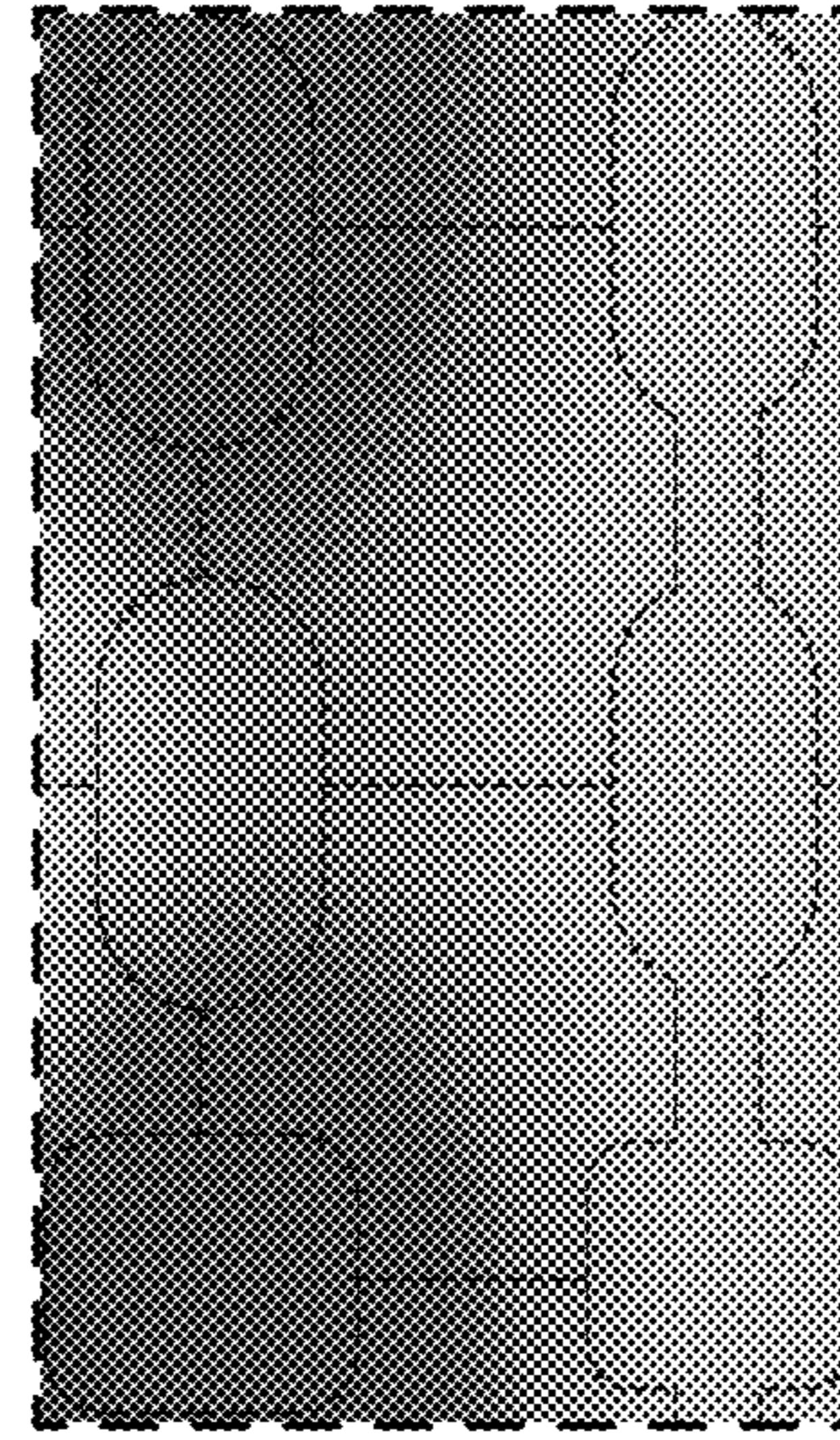


FIG. 5

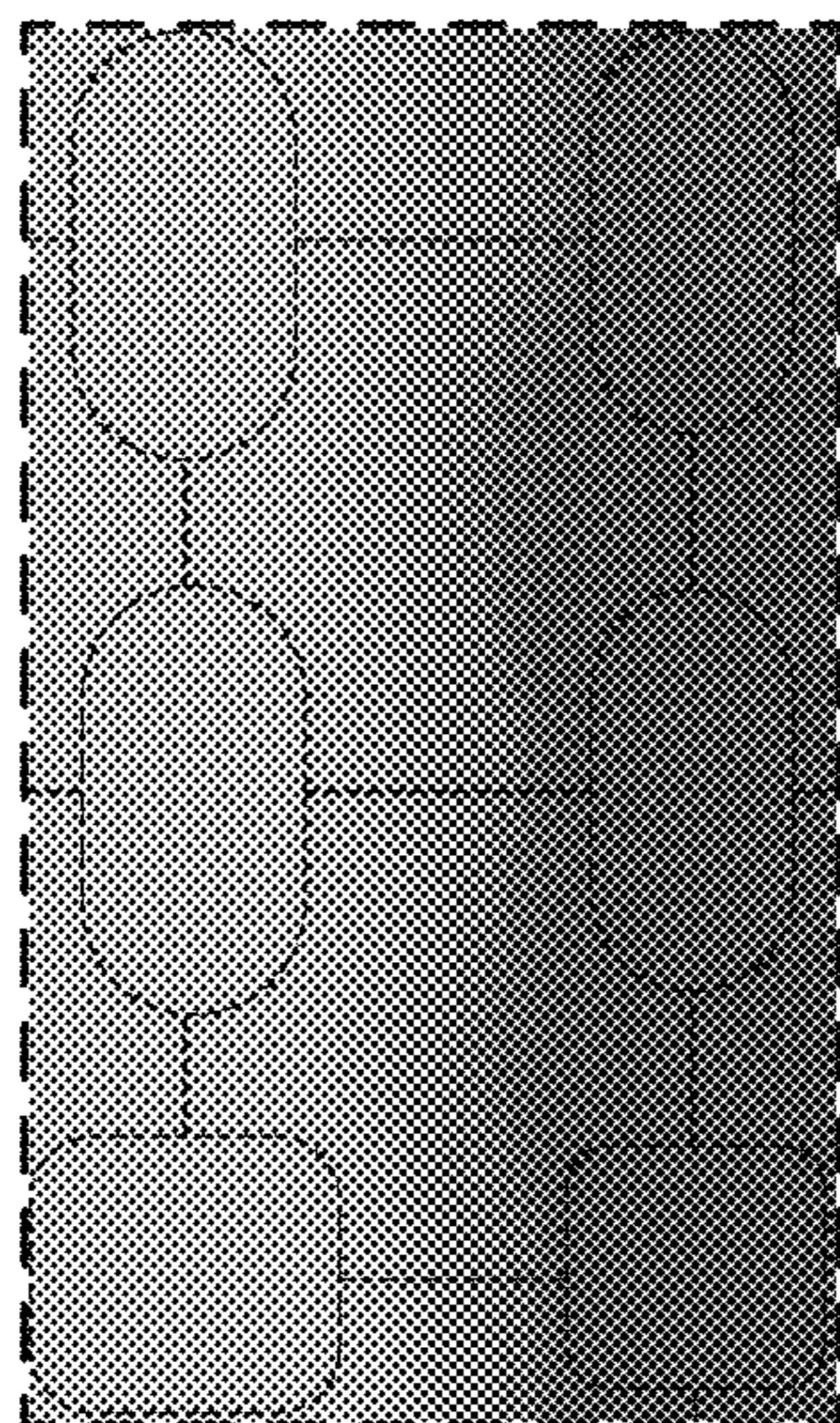


FIG. 6

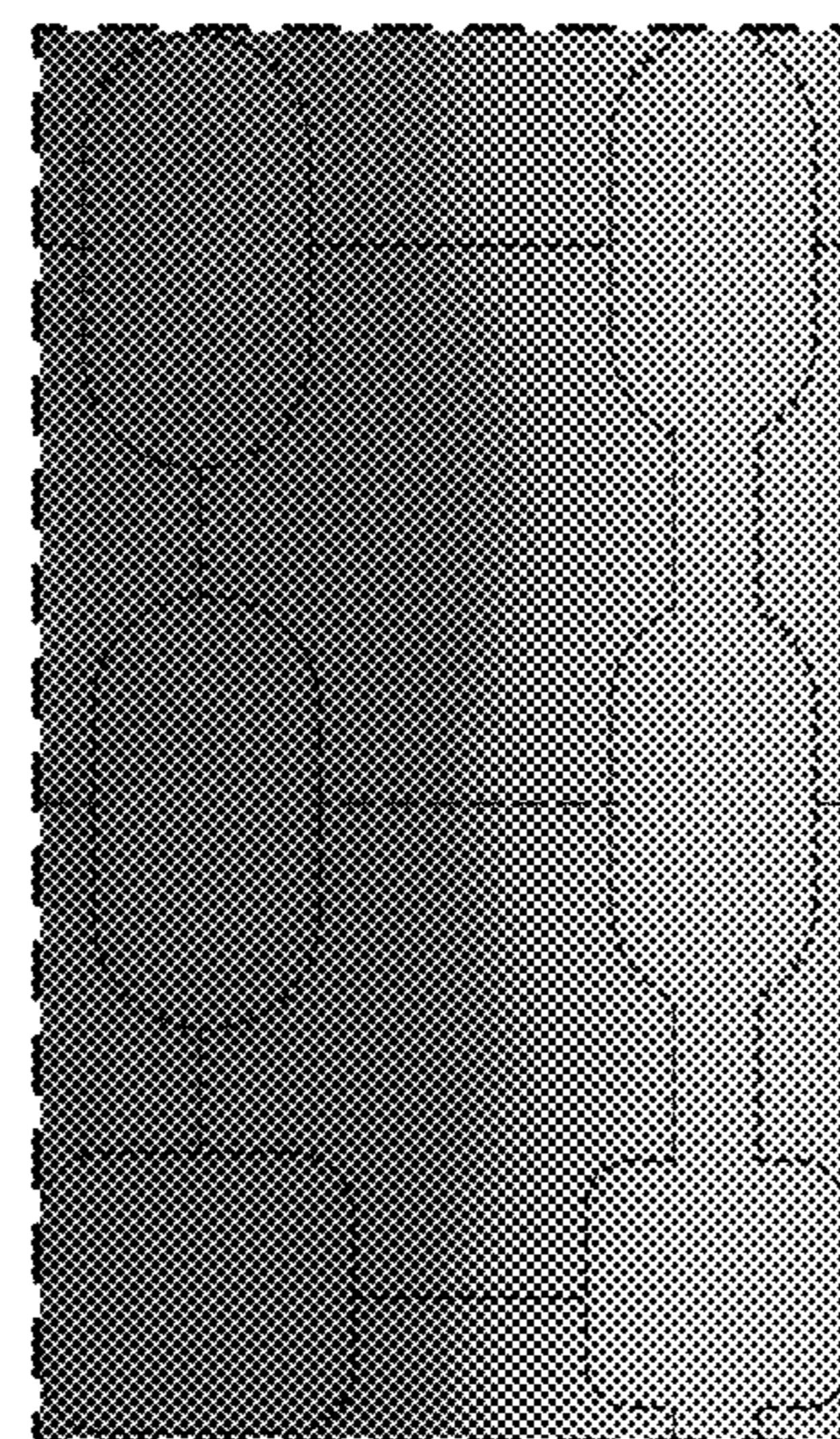


FIG. 7