



US00D914245S

(12) **United States Design Patent** (10) **Patent No.:** **US D914,245 S**
Scales et al. (45) **Date of Patent:** **** Mar. 23, 2021**

(54) **EROSION CONTROL MAT**

(71) Applicant: **Synthetex, LLC**, Peachtree Corners, GA (US)

(72) Inventors: **John M Scales**, Tryon, NC (US);
Thomas E Evans, Jr., Atlanta, GA (US)

(73) Assignee: **Synthetex, LLC**, Peachtree Corners, GA (US)

(**) Term: **15 Years**

(21) Appl. No.: **29/687,257**

(22) Filed: **Apr. 11, 2019**

Related U.S. Application Data

(63) Continuation-in-part of application No. 29/667,006, filed on Oct. 17, 2018, now Pat. No. Des. 901,721.

(51) **LOC (13) Cl.** **25-01**

(52) **U.S. Cl.**
USPC **D25/113**

(58) **Field of Classification Search**
USPC D25/113-115, 118
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,474,626 A * 10/1969 Colle E02B 3/127
405/18
4,184,788 A * 1/1980 Colle E02B 3/127
405/18

(Continued)

FOREIGN PATENT DOCUMENTS

BR 302019001583-0001 * 11/2019
EM 006381349-0001 * 7/2019
EM 006382107-0002 * 7/2019

OTHER PUBLICATIONS

Motz Enterprises, Inc., www.flexmat.com, Index.php, Motz Enterprises, Inc., 3153 Madison Road, Cincinnati, Ohio 45209 (believed to be at least prior to Oct. 17, 2018; printed Feb. 20, 2019).

(Continued)

Primary Examiner — Leanne Was-Englehart

(74) *Attorney, Agent, or Firm* — Baker Donelson; Carl M. Davis, II

(57) **CLAIM**

We claim the ornamental design for an erosion control mat, as shown and described.

DESCRIPTION

FIG. 1 illustrates a top plan view of an erosion control mat showing our new design;

FIG. 2 illustrates a bottom plan view thereof;

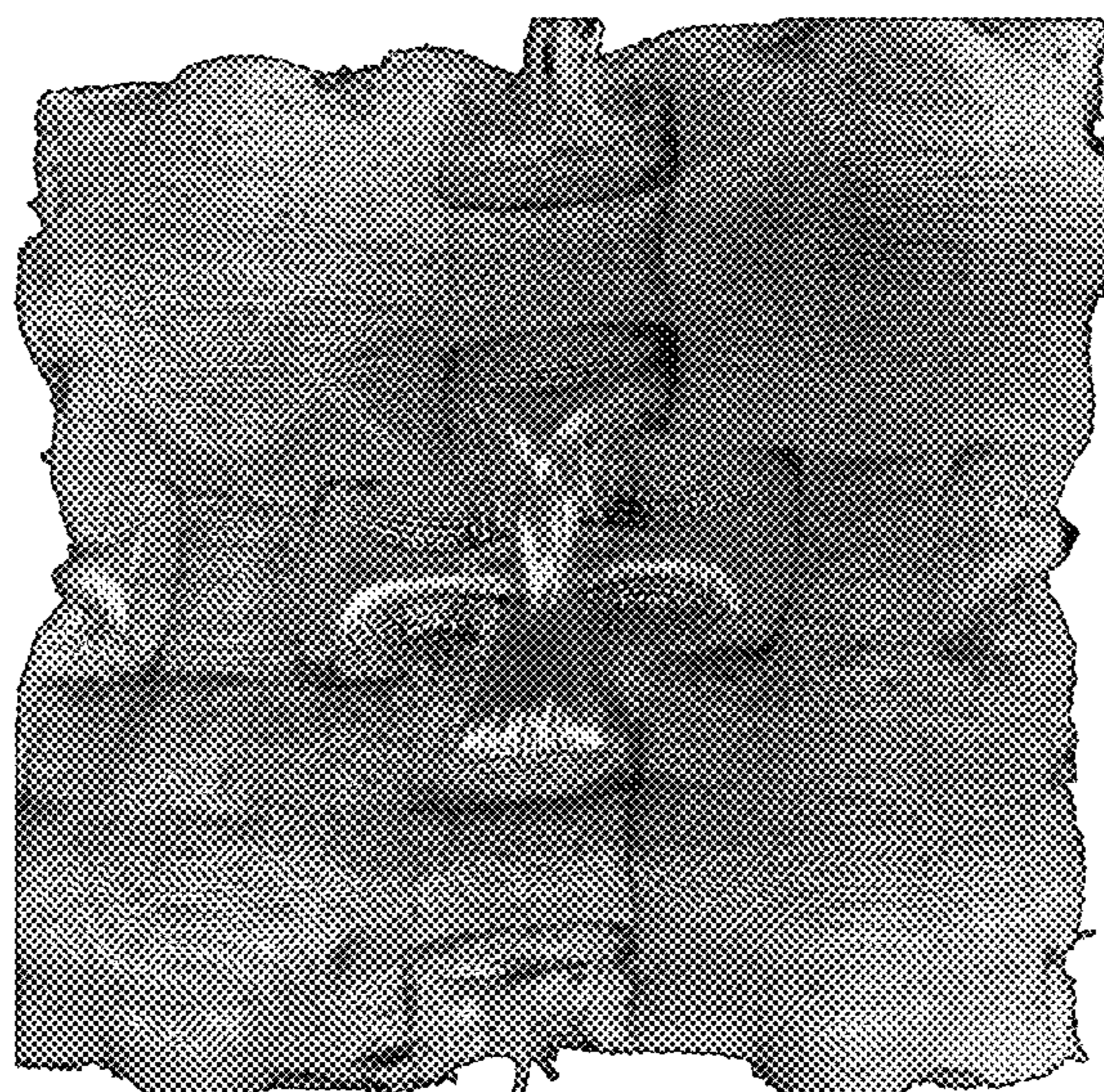
FIG. 3 illustrates a front elevational view thereof, the back and the right and left side elevational views being a mirror image thereof; and,

FIG. 4 illustrates a top front-right perspective view thereof with a plurality thereof shown in broken line in the erosion control mat for lying on a ground surface.

The erosion control mat illustrated in FIG. 1 forms from a fabric envelope of four spaced-apart blocks for enclosing curable hardenable material. The erosion control mat may be used for covering and stabilization of ground surfaces subject to water erosion, separation and vertical drainage layer for marine applications including water channels, and a ballast layer for sinking another material that would normally float and as a protective layer/vertical drainage over such material.

The broken line areas depict portions of the erosion control mat showing environmental subject matter and forms no part of the claimed design.

1 Claim, 4 Drawing Sheets



(58) **Field of Classification Search**

CPC E02B 3/04; E02B 3/12; E02B 3/14; E02B
3/108; E02B 3/121; E02B 3/122; E02B
3/123; E02B 3/127; E01C 9/004; F16L
1/123; F16L 1/24

See application file for complete search history.

10,392,764 B1	8/2019	Sanchez	
2002/0164210 A1*	11/2002	Davis E01F 15/086 405/111
2010/0248574 A1*	9/2010	King D03D 15/04 442/205

OTHER PUBLICATIONS

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,449,847 A	5/1984	Scales	
4,502,815 A *	3/1985	Scales E02B 3/127 139/384 R
4,690,585 A *	9/1987	Holmberg E02B 3/127 405/15
5,108,222 A *	4/1992	Jansson E02B 3/123 405/15
5,511,910 A	4/1996	Scales	
D392,750 S *	3/1998	Scales D25/113
D399,577 S	10/1998	Scales	
5,921,710 A	7/1999	Scales	
D415,576 S	10/1999	Scales	
7,329,069 B2 *	2/2008	Slater E02B 3/108 383/32
D661,408 S	6/2012	Riccobene	
D675,342 S *	1/2013	Sallon D25/38.1
8,950,974 B2 *	2/2015	Thompson F16L 1/123 405/18

Motz Enterprises, Inc., www.flexmat.com, Motz Enterprises, Inc., 3153 Madison Road, Cincinnati, Ohio 45209 (believed to be at least prior to Oct. 17, 2018; printed Feb. 20, 2019).

Motz Enterprises, Inc., "Flexamat® Permanent Erosion Control Solutions Erosion Prevention and Protection", 28 pages, (2017), Motz Enterprises, Inc., 3153 Madison Road, Cincinnati, Ohio 45209.

Nilex, Inc., "EnviroGrid Cellular Confinement System (geocell) Erosion & Sediment Control Product Overview", Nilex, Inc., 6810 8 Street NW, Edmonton, AB T6P 0C5, Canada (Jun. 2017).

Nilex, Inc., "Erosion & Sediment Control", Nilex, Inc., 6810 8 Street NW, Edmonton, AB T6P 0C5, Canada (believed to be at least prior to Oct. 17, 2018).

Evans, Thomas E and Scales, John, "Envelope for Constructing a Mat of Spaced Blocks", U.S. Appl. No. 29/667,005, filed Oct. 17, 2018.

Evans, Thomas E and Scales, John, "Block for Erosion Control Mat", U.S. Appl. No. 29/667,006, filed Oct. 17, 2018.

* cited by examiner

FIG. 1

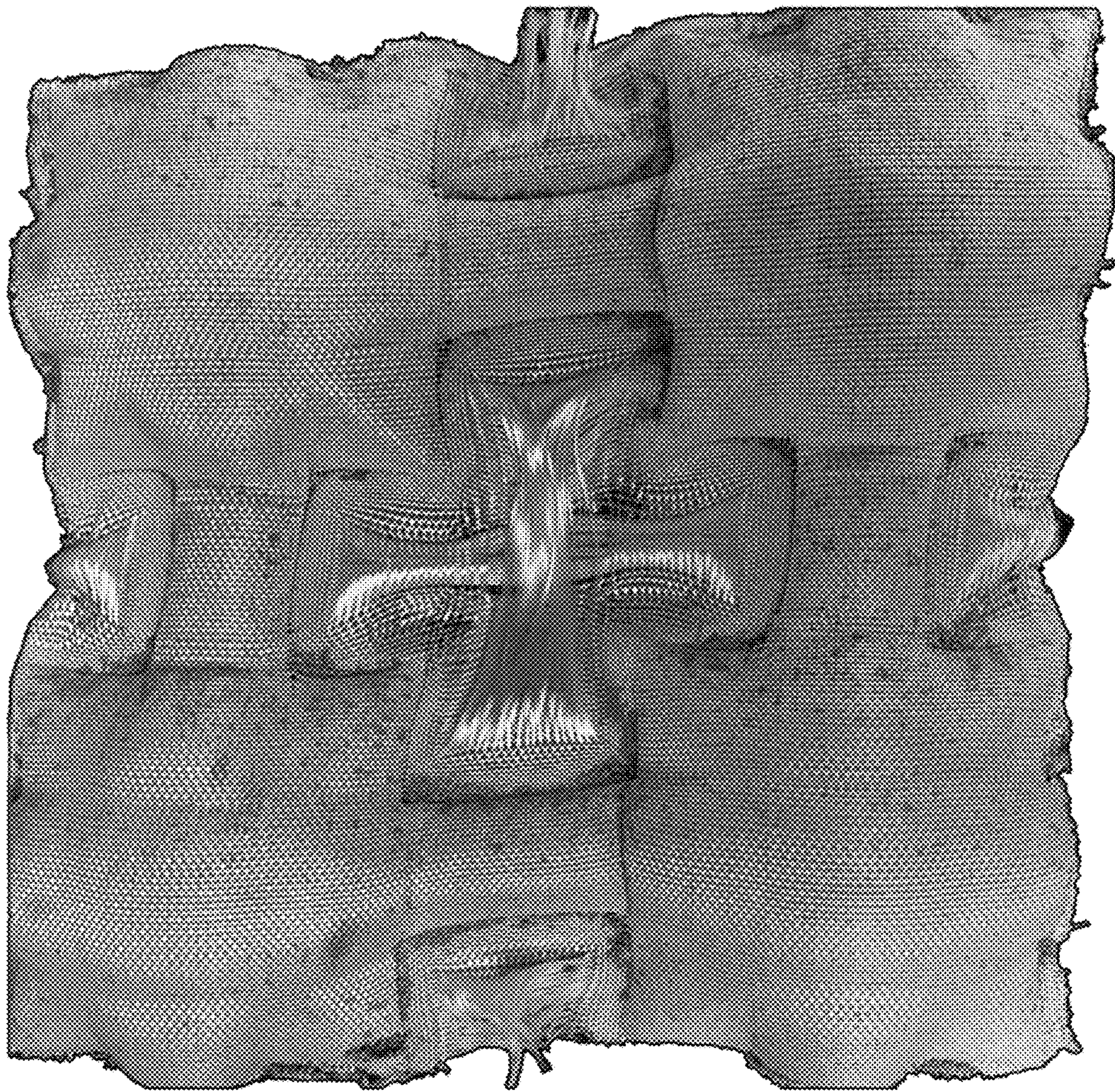


FIG. 2

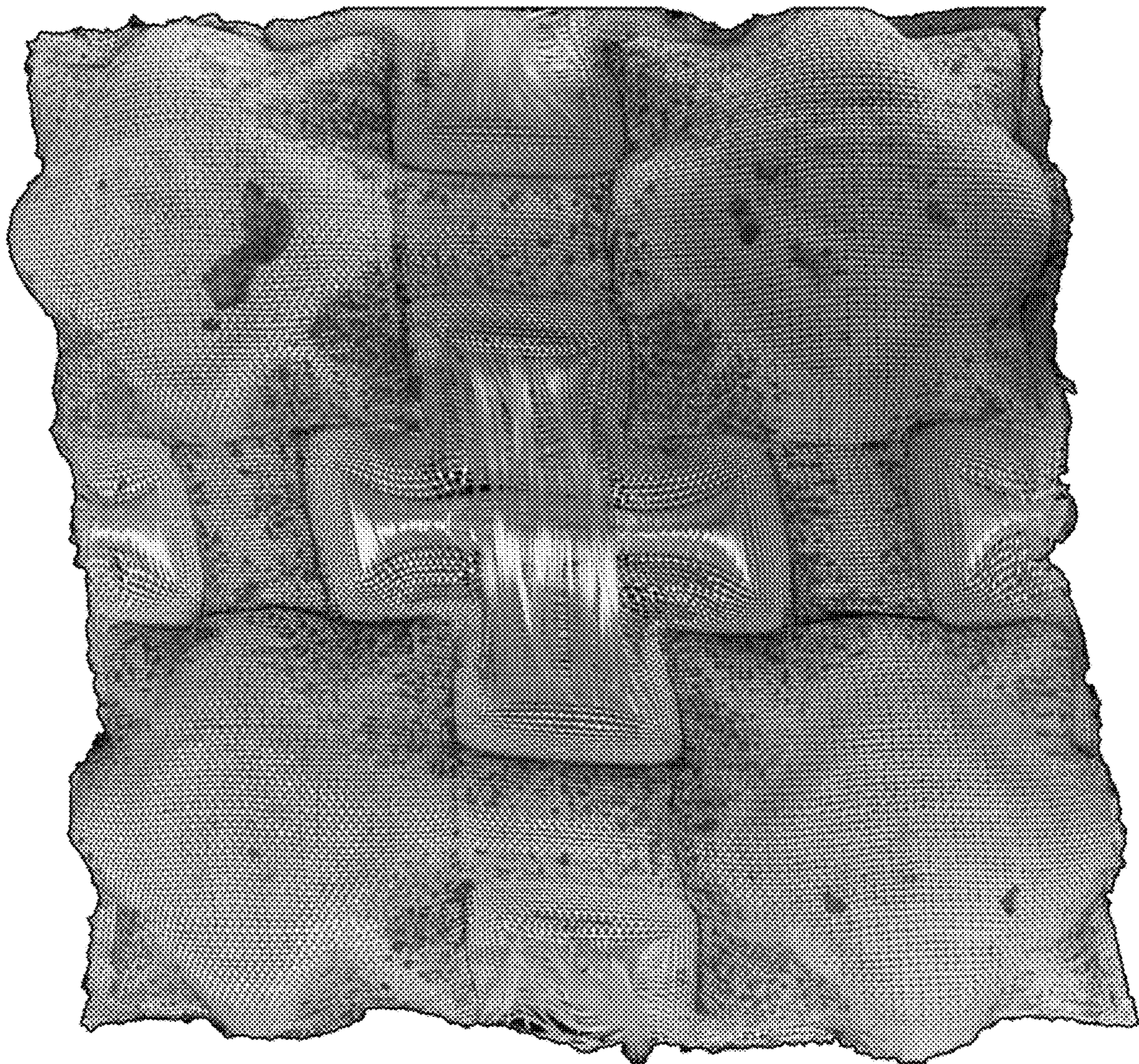


FIG. 3

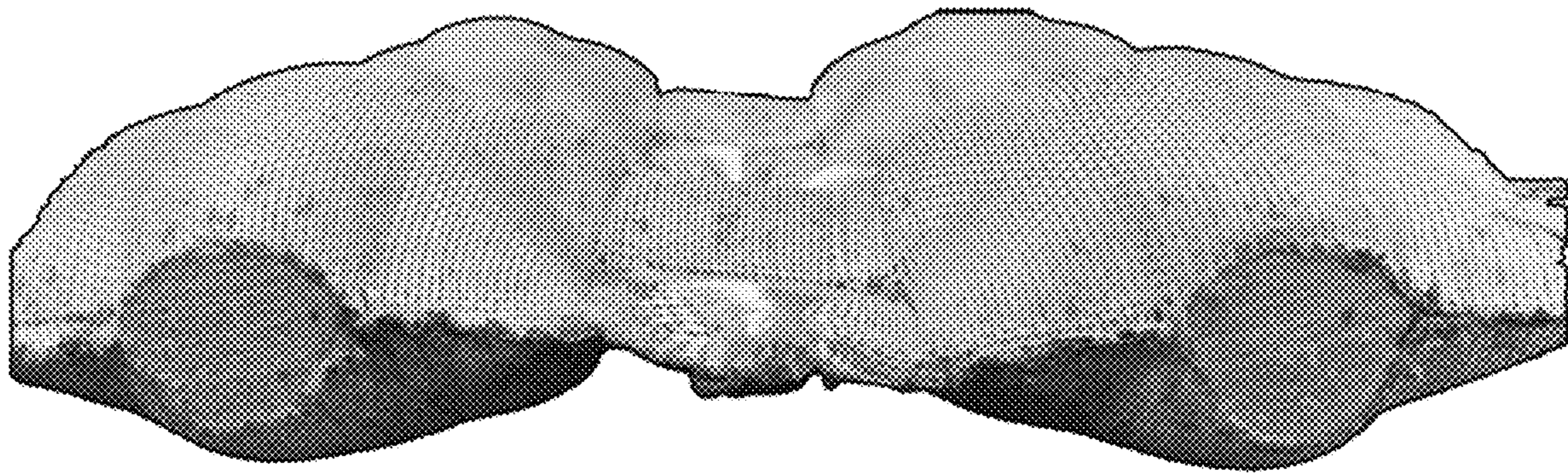


FIG. 4

