



US00D807045S

(12) **United States Design Patent** (10) **Patent No.:** **US D807,045 S**  
**Schumacher et al.** (45) **Date of Patent:** **\*\* Jan. 9, 2018**

(54) **ABRASIVE MATERIAL**

(56) **References Cited**

(71) Applicant: **KWH MIRKA LTD.**, Jeppo (FI)

U.S. PATENT DOCUMENTS

(72) Inventors: **Nicolas Schumacher**, Inga (FI); **Jan Gron**, Vora (FI); **Niina Kyynarainen**, Salo (FI); **Hans Hede**, Vora (FI); **Mats Sundell**, Hirvlaz (FI)

D311,997	S	*	11/1990	Legare	.....	D5/53
D428,267	S	*	7/2000	Romano, III	.....	D5/2
D428,710	S	*	8/2000	Romano, III	.....	D5/2
D572,068	S	*	7/2008	Lin	.....	D5/39
7,410,413	B2	*	8/2008	Woo	.....	B24D 11/001 451/527
D633,673	S	*	3/2011	McKnight	.....	D32/40
D692,673	S	*	11/2013	Rhodes, III	.....	D5/58
D702,047	S	*	4/2014	Rhodes, III	.....	D5/58
D725,915	S	*	4/2015	Haverfield	.....	D5/59
D725,916	S	*	4/2015	Haverfield	.....	D5/60

(73) Assignee: **MIRKA OY**, Jeppo (FI)

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

(21) Appl. No.: **29/545,052**

\* cited by examiner

(22) Filed: **Nov. 9, 2015**

*Primary Examiner* — Randall Gholson

(30) **Foreign Application Priority Data**

(74) *Attorney, Agent, or Firm* — Knobbe Martens Olson & Bear LLP

May 8, 2015 (EM) ..... 002697409-0001  
May 8, 2015 (EM) ..... 002697409-0002

(51) **LOC (11) Cl.** ..... **05-02**

(57) **CLAIM**

(52) **U.S. Cl.**  
USPC ..... **D5/58**

The ornamental design for an abrasive material, as shown and described.

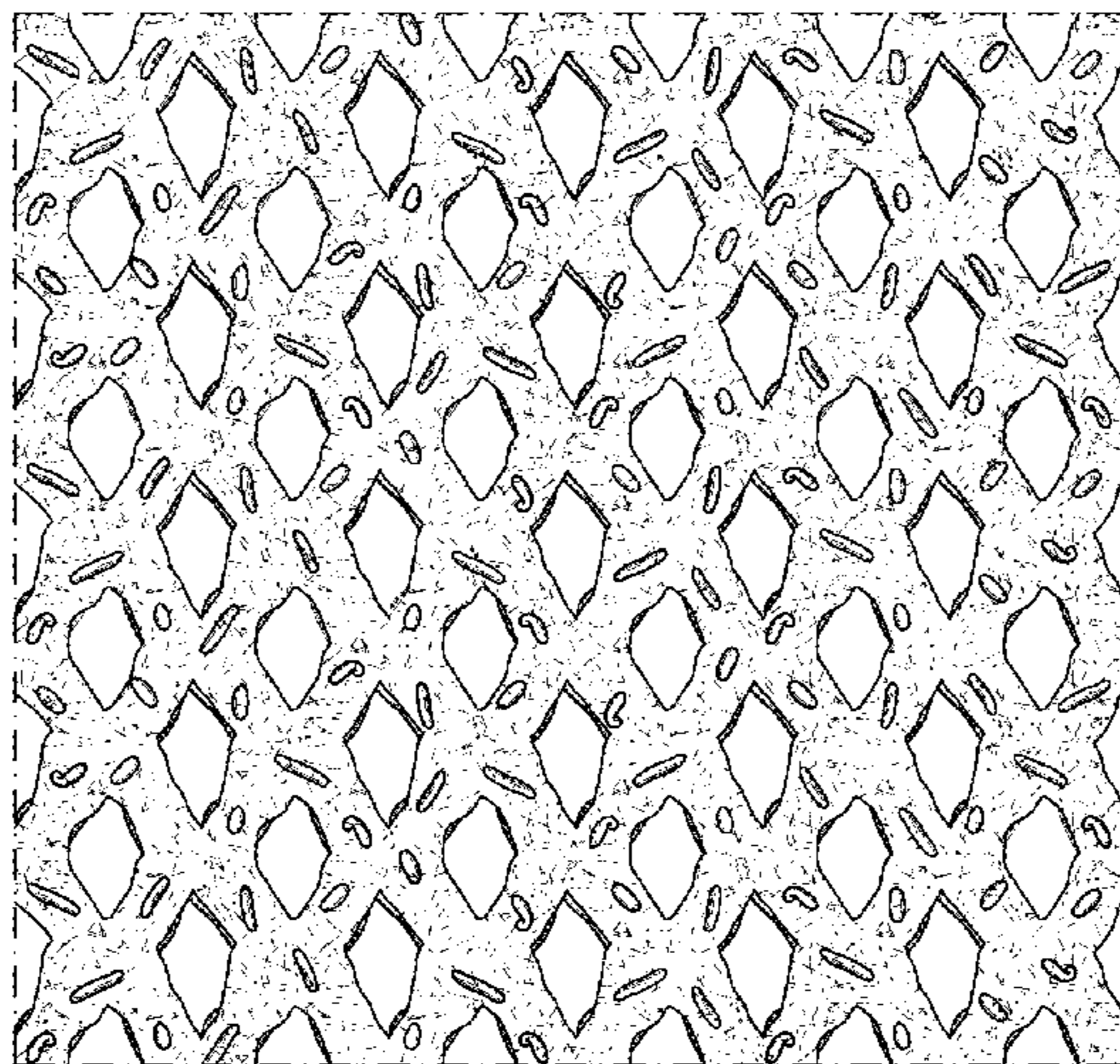
(58) **Field of Classification Search**

**DESCRIPTION**

USPC ..... D5/30, 43, 44, 53, 55-57, 59-63, 99;  
D6/602, 612, 613, 617; D19/1;  
D25/139, 149-151, 163; D8/70, 71, 90,  
D8/98; D15/124, 126, 138; 30/307, 346,  
30/347, 355, 388, 389, 390; 51/296;  
83/478, 589, 663, 665, 676, 821, 835,  
83/839, 848, 852, 854, 855; 125/15, 18,  
125/230, 231; 451/41, 47, 56, 259, 324,  
451/359, 420, 443, 490, 510, 523, 533,  
451/540, 541, 542, 544, 545, 547,  
451/548-551  
CPC .. A47K 10/16; A47G 23/0303; A47G 11/003;  
B31F 1/07; B32B 5/024; B44F 3/00;  
B44F 5/00; B44F 7/00; B44F 9/02; B44F  
11/02; B44F 11/04; C11D 17/049; D03D  
1/00; D10B 2503/04; D21H 27/02  
See application file for complete search history.

FIG. 1 is a top plan view of an abrasive material, showing one repeat unit of our new design.  
FIG. 2 is a left side elevational view thereof. The right side elevational view is identical thereto.  
FIG. 3 is a front elevational view thereof. The rear elevational view is identical thereto.  
FIG. 4 is a top perspective view thereof; and,  
FIG. 5 is a top perspective view, showing the repeat unit as part of a larger piece of abrasive material.  
The broken dot-dash lines in the views define the peripheral boundaries of one repeat unit of the claimed design and are not part of the claimed design. The evenly broken dash-dash lines are used to depict environmental features for illustrative purposes only and form no part of the claimed design.

**1 Claim, 3 Drawing Sheets**



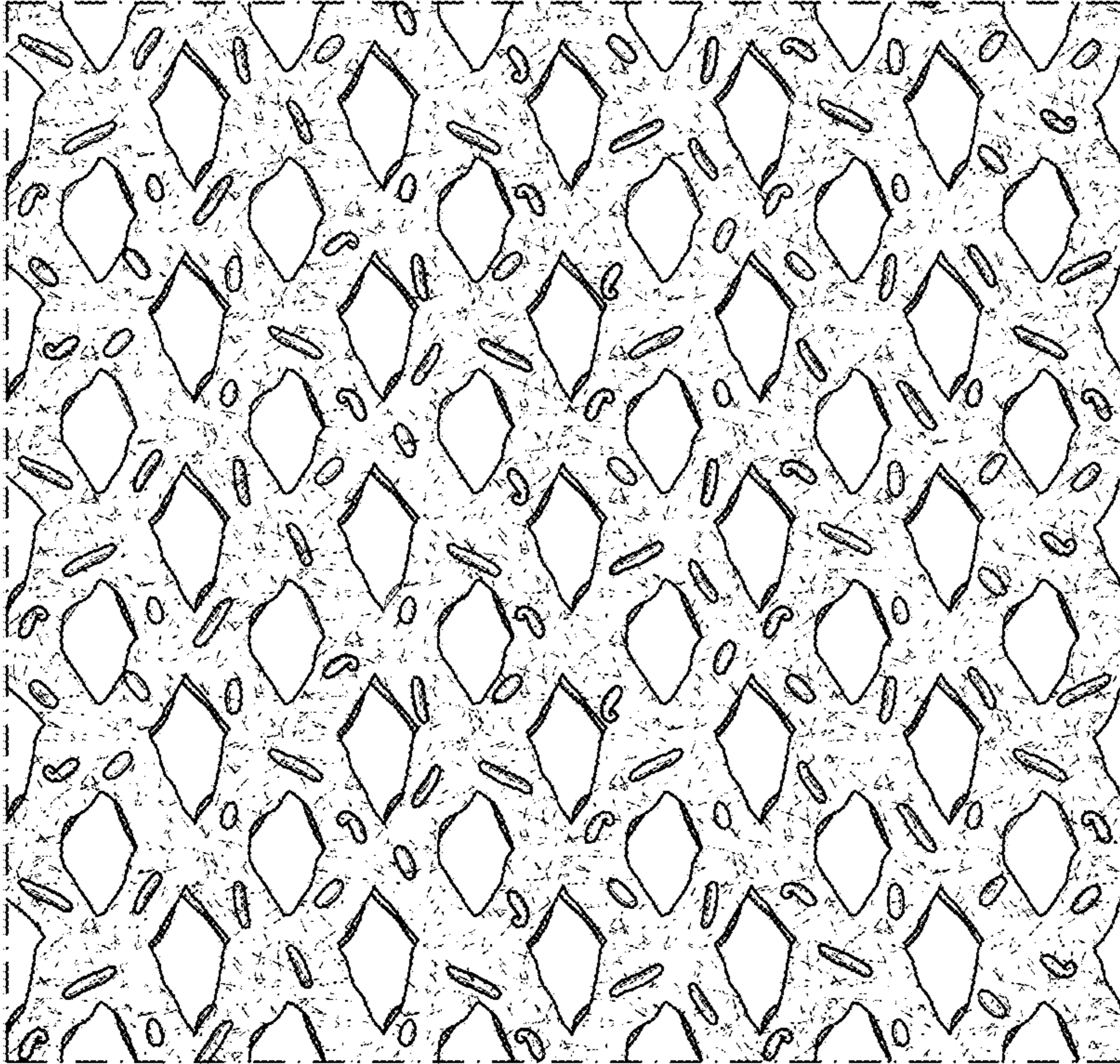


FIG. 1



FIG. 2

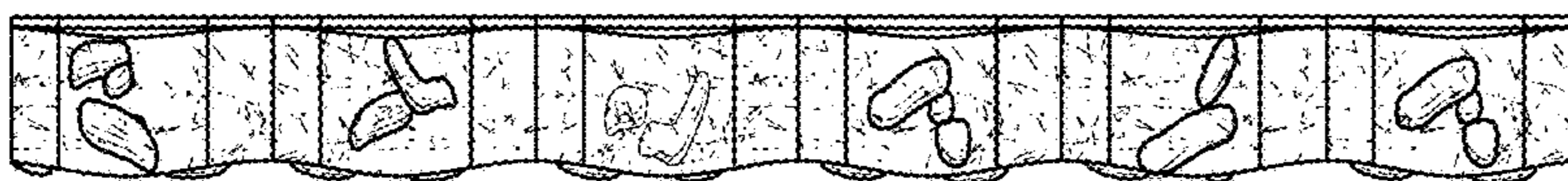


FIG. 3

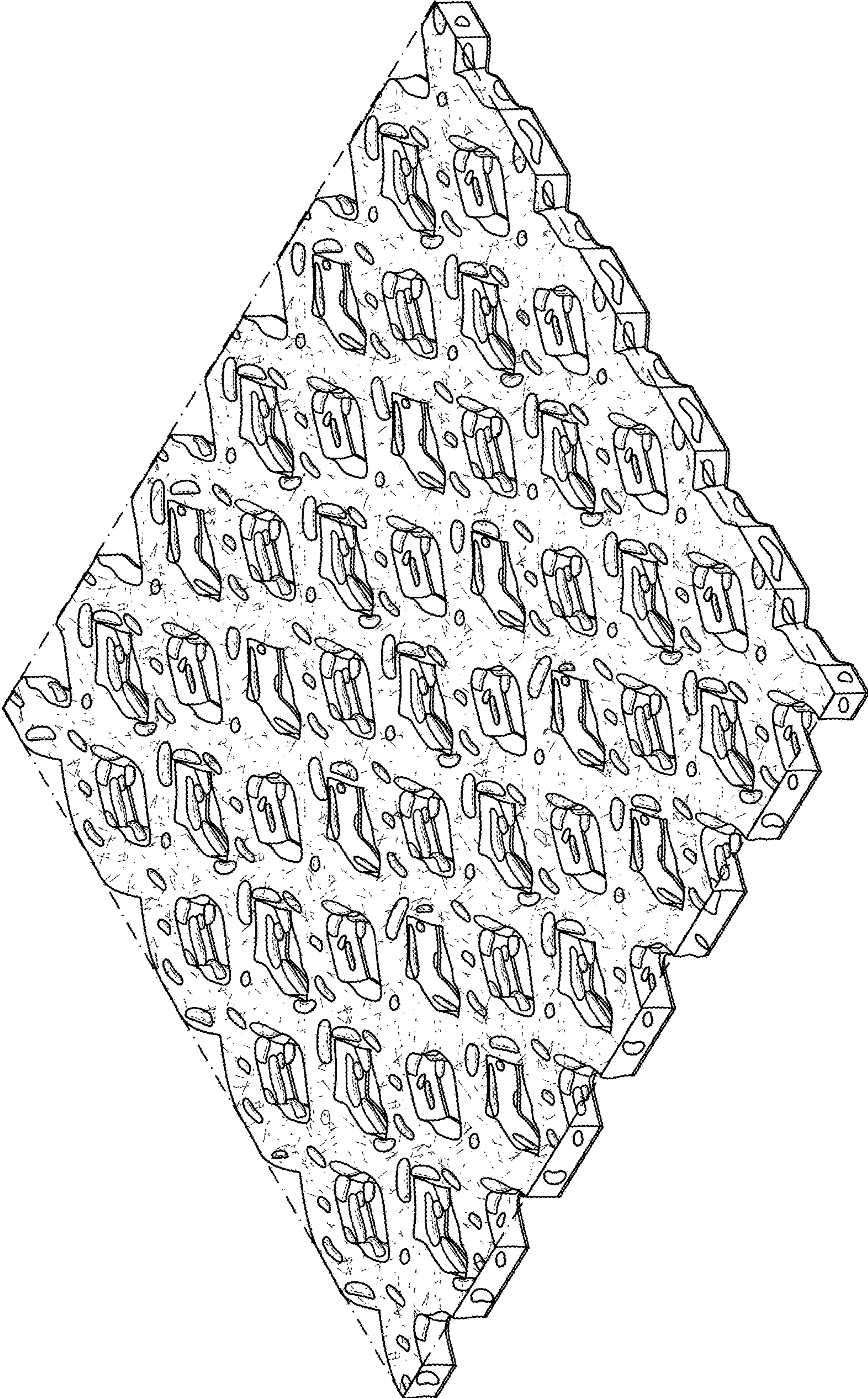


FIG. 4

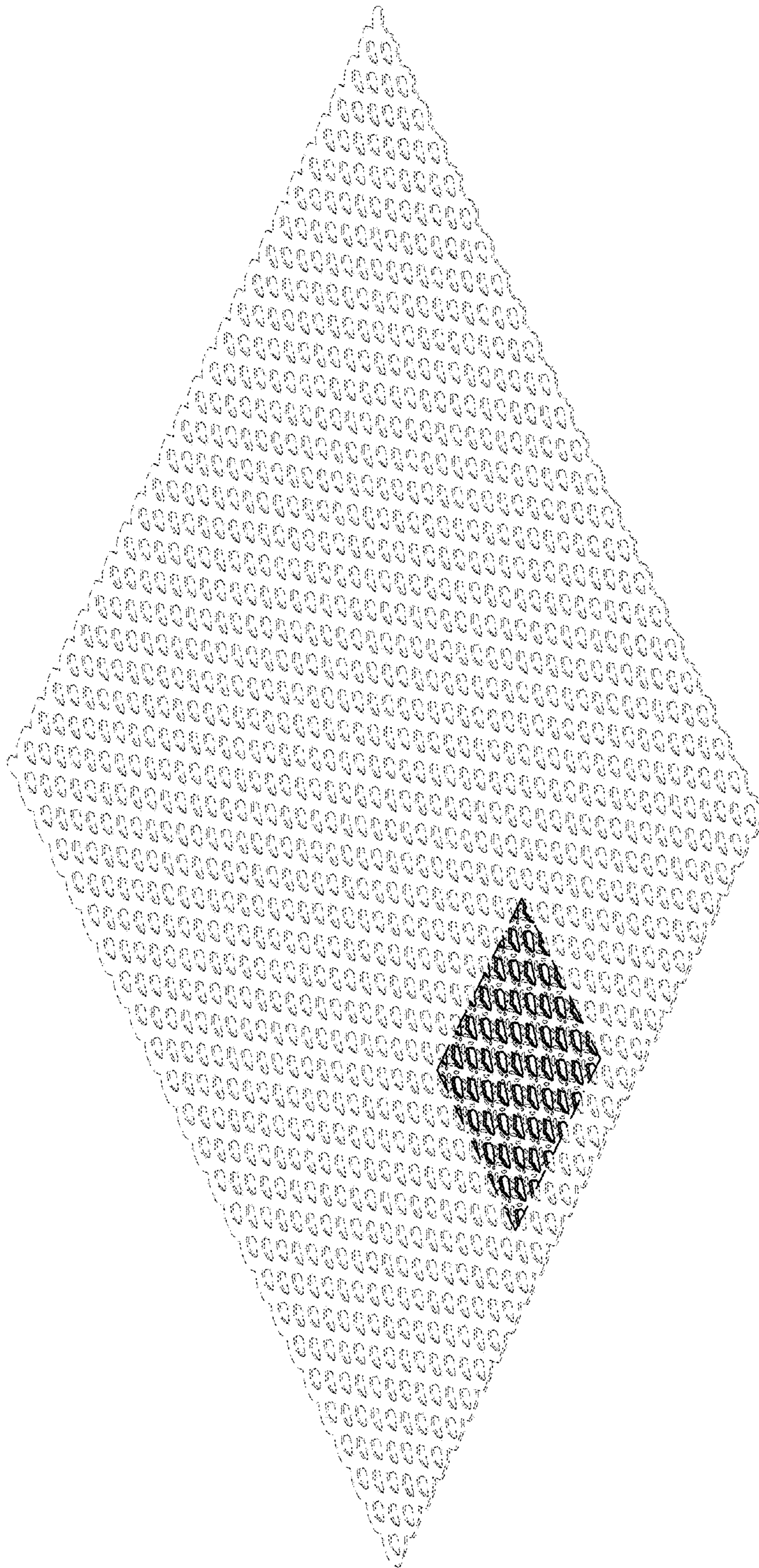


FIG. 5