



US00D718600S

(12) **United States Design Patent**
Beyer

(10) **Patent No.:** **US D718,600 S**

(45) **Date of Patent:** **** Dec. 2, 2014**

(54) **ABRASIVE ARTICLE**

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

(21) Appl. No.: **29/419,424**

(22) Filed: **Apr. 27, 2012**

(30) **Foreign Application Priority Data**

Oct. 31, 2011 (EM) 001300057

(51) **LOC (10) Cl.** **08-05**

(52) **U.S. Cl.**
USPC **D8/90; D5/57**

(58) **Field of Classification Search**
USPC D5/3, 57; D8/90-94; D15/126; 428/43;
451/296, 527, 533
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,178,381 A * 10/1939 Trinkle 451/527
2,838,890 A * 6/1958 McIntyre 451/527

(Continued)

FOREIGN PATENT DOCUMENTS

CN 3145804 4/2000
DE 402009002710 10/2009

(Continued)

OTHER PUBLICATIONS

3M Hookit Purple Clean Sanding Roll, Snagged Apr. 24, 2014 at
<http://3mcollision.com/products/abrasives/high-performance-abrasives/3m-hookit-purpleclean-sanding-roll-36e-grade-30740.html>.

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(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective view of an abrasive article showing an ornamental design in accordance with embodiment 1 of the present disclosure.

FIG. 2 is a top view of the abrasive article of FIG. 1;

FIG. 3 is a bottom view of the abrasive article of FIG. 1;

FIG. 4 is a front side view of the abrasive article of FIG. 1; and

FIG. 5 is a left side view of the abrasive article of FIG. 1.

The rear side view is identical to the front side view. The right side view is identical to the left side view.

FIG. 6 is a perspective view of an abrasive article showing an ornamental design in accordance with embodiment 2 of the present disclosure.

FIG. 7 is a top view of the abrasive article of FIG. 6;

FIG. 8 is a bottom view of the abrasive article of FIG. 6;

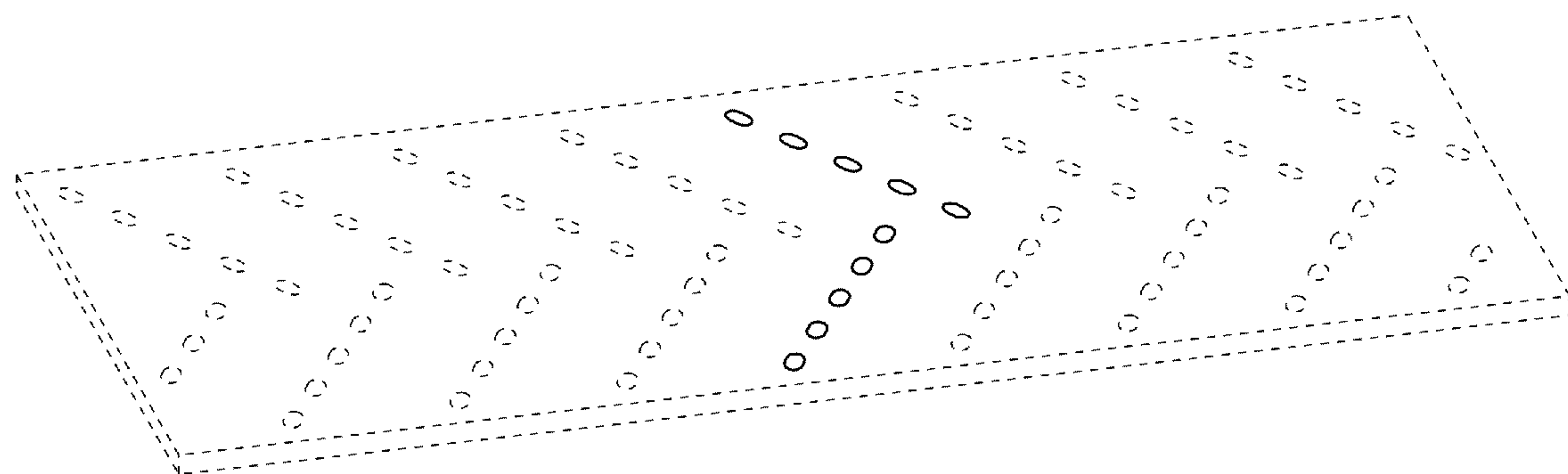
FIG. 9 is a front side view of the abrasive article of FIG. 6; and,

FIG. 10 is a left side view of the abrasive article of FIG. 6.

The rear side view is identical to the front side view. The right side view is identical to the left side view.

The broken lines in the drawings are directed to portions of the abrasive article that form no part of the claim.

1 Claim, 4 Drawing Sheets



(56)

References Cited

FOREIGN PATENT DOCUMENTS

U.S. PATENT DOCUMENTS					
			EP	000958970-000	11/2009
			FR	00591-001	12/1975
3,021,649	A *	2/1962 Robbins 451/534	FR	006142-001	2/2001
D258,465	S *	3/1981 Studinski D25/142	FR	031588-001	7/2003
5,810,650	A *	9/1998 Jost 451/527	FR	031588-002	7/2003
6,045,887	A *	4/2000 Martin et al. 428/43	FR	031588-003	7/2003
D441,539	S *	5/2001 Streit D5/3	FR	060769-001	4/2006
6,390,906	B1 *	5/2002 Subramanian 451/296	FR	060769-002	4/2006
D468,613	S	1/2003 Shermer	GB	2083099	10/1999
D472,785	S *	4/2003 Watson et al. D8/90	GB	2083100	10/1999
6,705,931	B2 *	3/2004 Moolenaar et al. 451/357	GB	30957-003	11/1999
D501,857	S *	2/2005 Ebisawa D15/123	GB	99307777	4/2000
D509,667	S *	9/2005 Ebisawa D5/57	GB	99307775	6/2000
D513,884	S *	1/2006 Ebisawa D5/57	GB	3005826	10/2002
D524,628	S	7/2006 Shermer	JP	D1169789	4/2003
D532,800	S *	11/2006 Braunschweig et al. D15/126	JP	D1171614	4/2003
D533,200	S *	12/2006 Braunschweig et al. D15/126	JP	D1199836	3/2004
D536,714	S *	2/2007 Braunschweig et al. D15/126	JP	D1199837	3/2004
D538,312	S *	3/2007 Braunschweig et al. D15/126	JP	D1202870	4/2004
D538,313	S *	3/2007 Braunschweig et al. D15/126	JP	D1209070	6/2004
D541,317	S *	4/2007 Braunschweig et al. D15/126	JP	D1267176	4/2006
D543,562	S *	5/2007 Braunschweig et al. D15/126	JP	D1269165	4/2006
D572,019	S *	7/2008 Braunschweig et al. D5/57	JP	D1269166	4/2006
D572,020	S *	7/2008 Braunschweig et al. D5/57	JP	D1276411	7/2006
D578,310	S *	10/2008 Braunschweig et al. D5/57	JP	D1292487	1/2007
D582,684	S *	12/2008 Braunschweig et al. D5/57	JP	D1292488	1/2007
D586,370	S *	2/2009 Owen et al. D15/126	JP	D1292489	1/2007
D645,065	S *	9/2011 Braunschweig et al. D15/126	JP	D1292490	1/2007
8,287,976	B2 *	10/2012 Hupp 428/43	JP	D1292491	1/2007
D686,255	S *	7/2013 Fu et al. D15/126	JP	D1292492	1/2007
D687,471	S *	8/2013 Fu et al. D15/126	JP	D1335246	7/2008
D689,912	S *	9/2013 Fu et al. D15/126	JP	D1369274	9/2009
D689,913	S *	9/2013 Fu et al. D15/126			
8,574,040	B2 *	11/2013 Chung-Fat et al. 451/527			
2014/0120811	A1 *	5/2014 Schoch et al. 451/527			

* cited by examiner

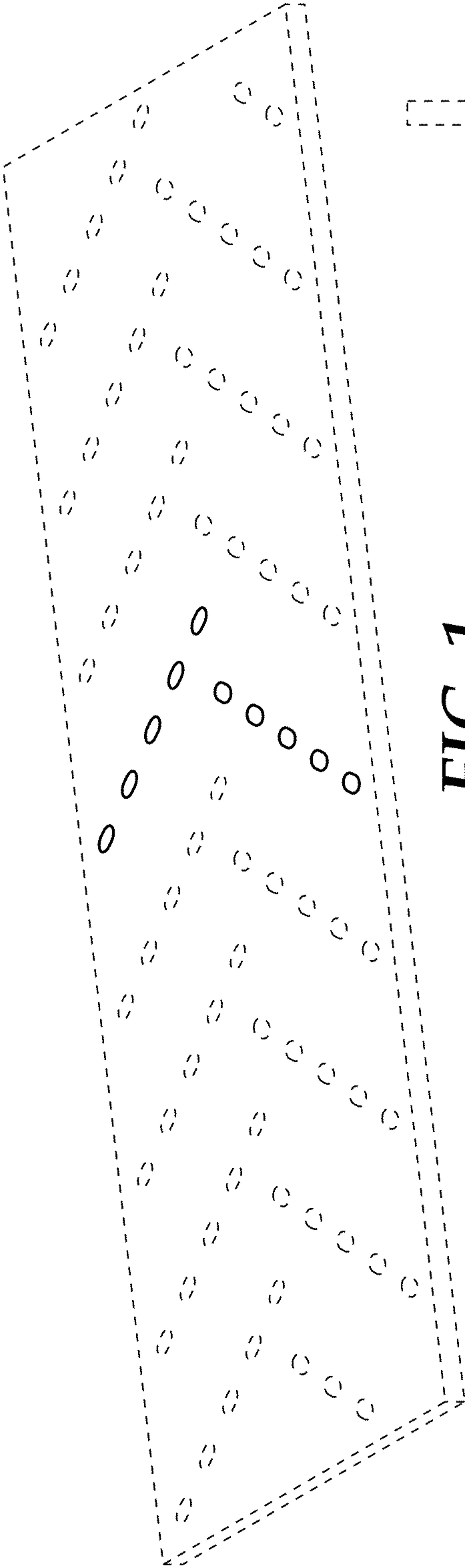


FIG. 1

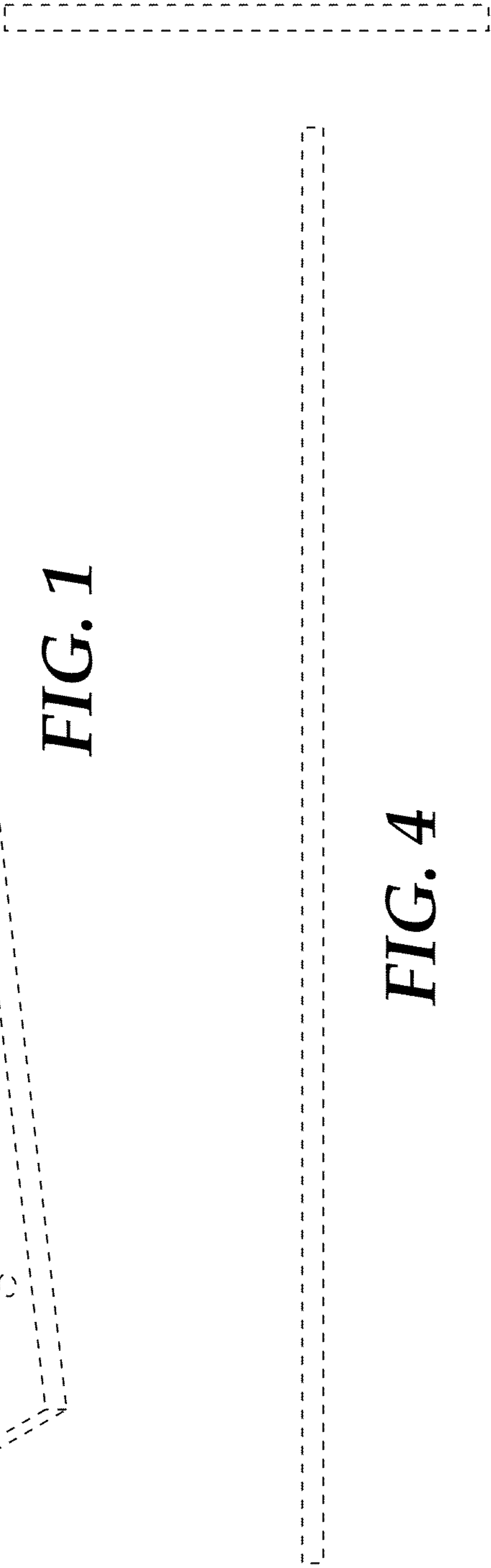


FIG. 4

FIG. 5

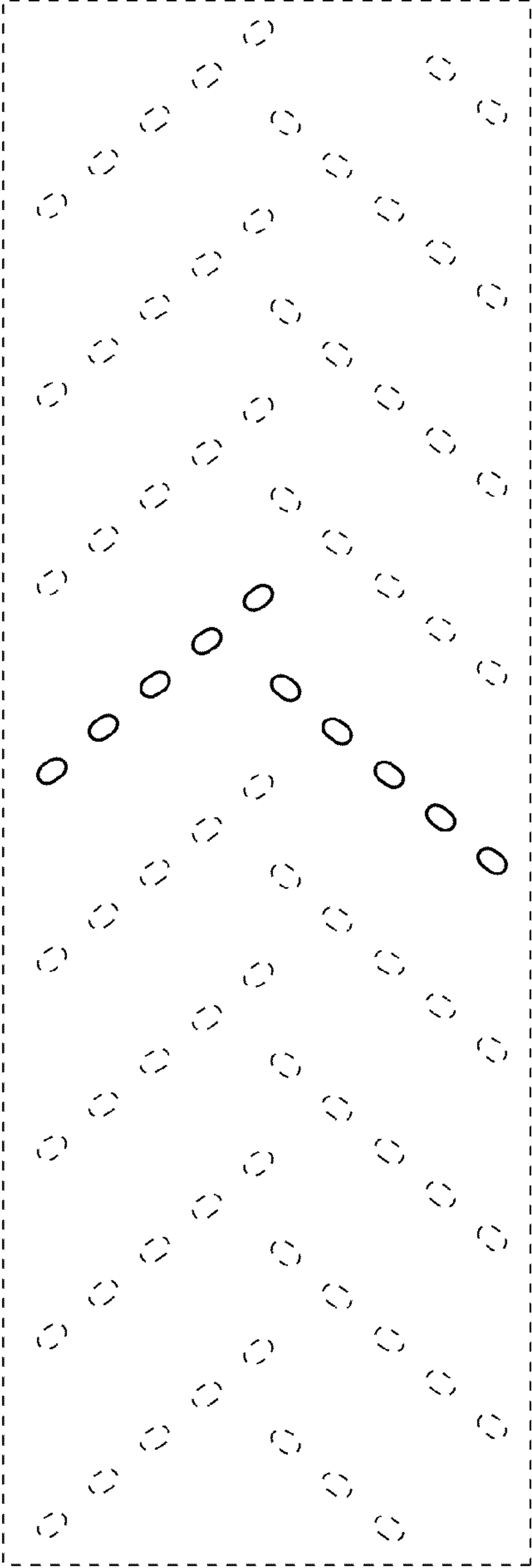


FIG. 2

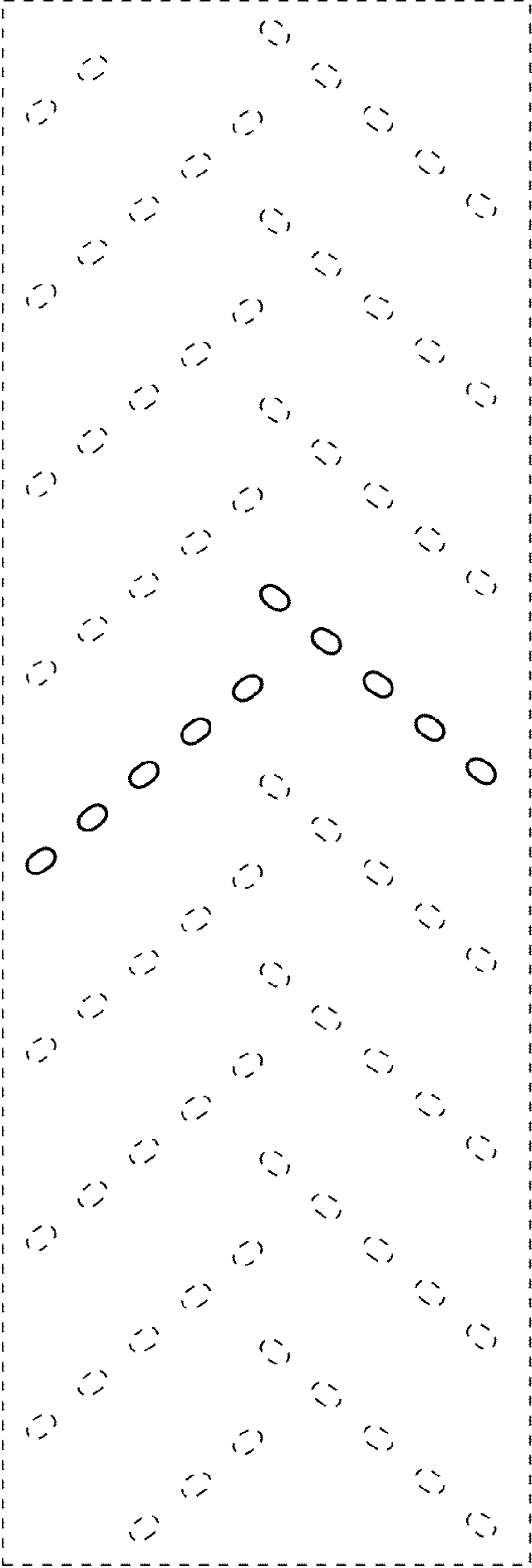


FIG. 3

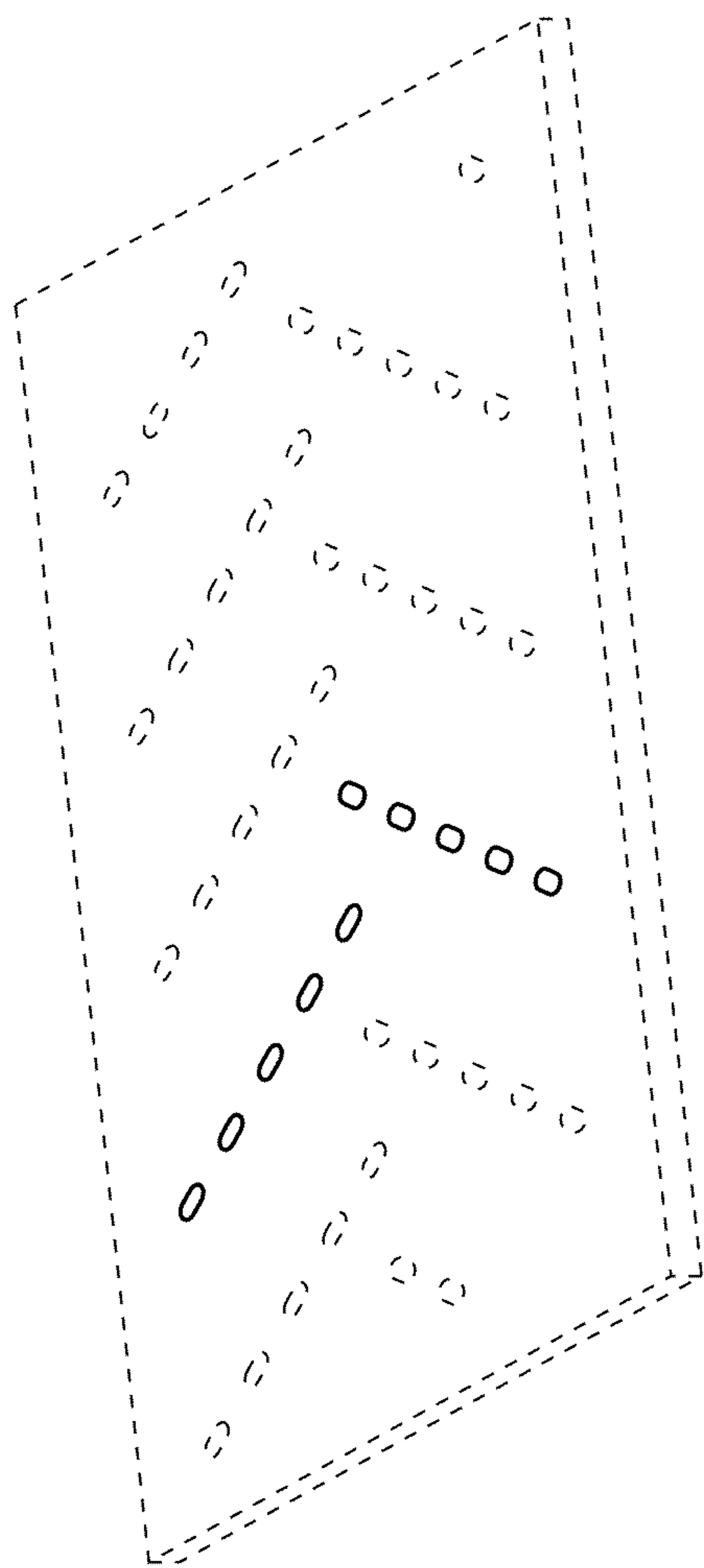


FIG. 6



FIG. 10



FIG. 9

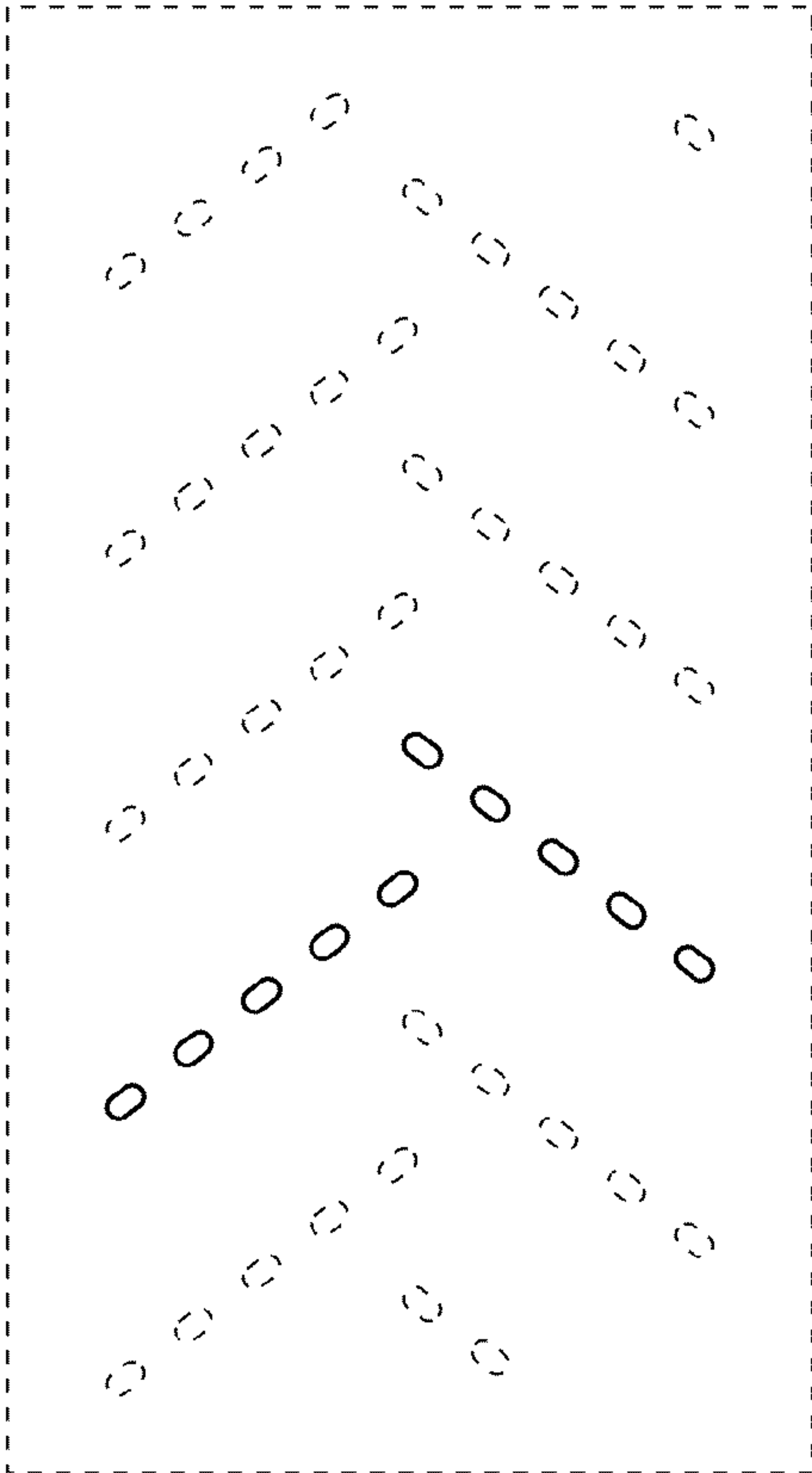


FIG. 7

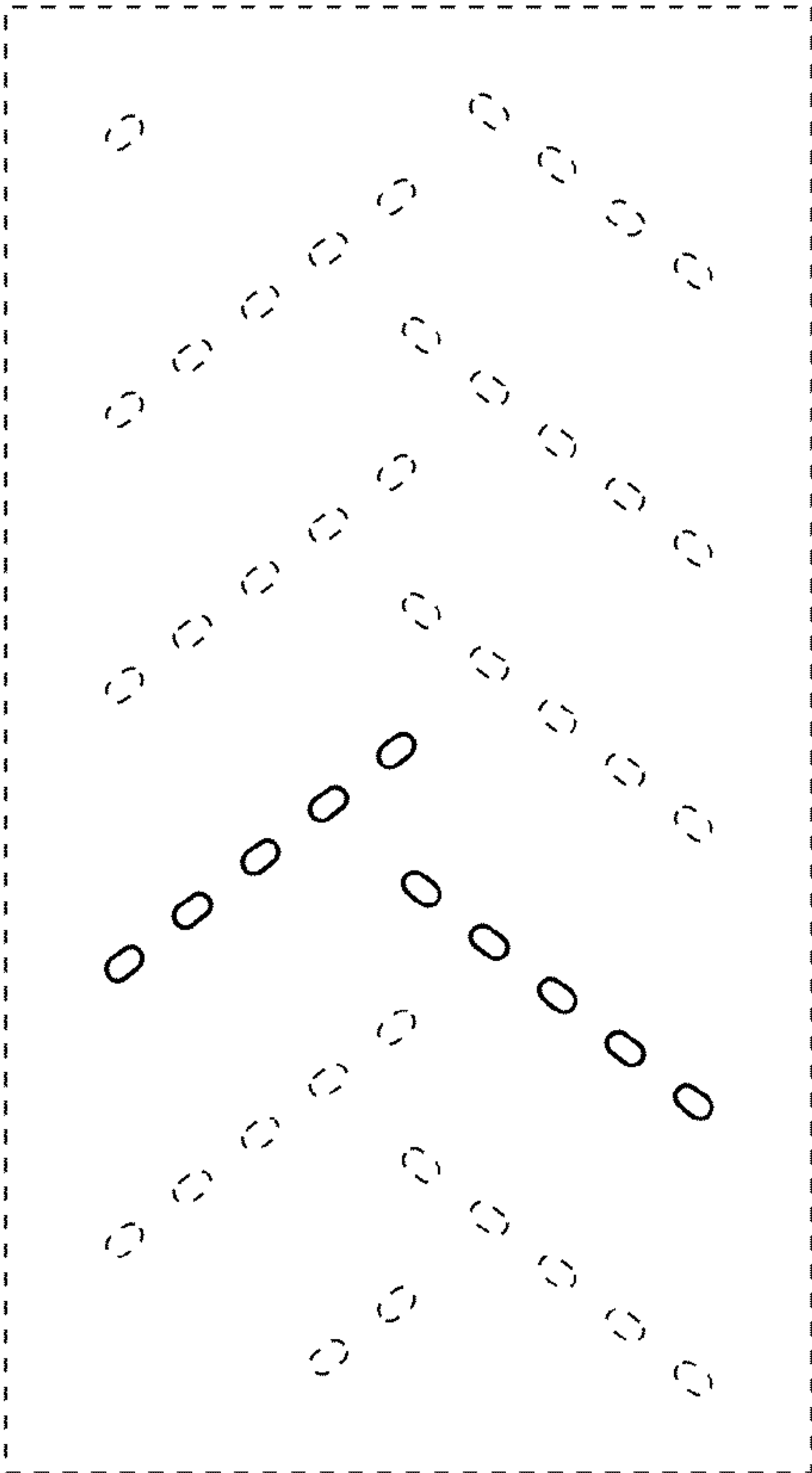


FIG. 8