



US00D751999S

(12) **United States Design Patent**  
**Sharma et al.**

(10) **Patent No.:** **US D751,999 S**  
(45) **Date of Patent:** **\*\* Mar. 22, 2016**

(54) **ARRAY OF TRIANGULAR SEMICONDUCTOR DICE**  
(71) Applicant: **SORAA, INC.**, Fremont, CA (US)  
(72) Inventors: **Rajat Sharma**, Fremont, CA (US);  
**Andrew Felker**, Fremont, CA (US);  
**William D. Houck**, Fremont, CA (US)  
(73) Assignee: **Soraa, Inc.**, Fremont, CA (US)  
(\*\*) Term: **14 Years**

3,390,502 A \* 7/1968 Carroll ..... E04B 2/06  
52/275  
D233,898 S \* 12/1974 Warren ..... D21/373  
D330,325 S \* 10/1992 Kocon ..... D6/552  
D356,033 S \* 3/1995 Horvat ..... D9/430  
D356,705 S \* 3/1995 Aston ..... 5/653  
D411,261 S \* 6/1999 Movsesian ..... D21/484  
D516,670 S \* 3/2006 Aselton ..... D23/214  
D537,048 S \* 2/2007 Mitsui ..... D13/182  
D543,160 S \* 5/2007 Mitsui ..... D13/182  
D568,839 S \* 5/2008 Mitsui ..... D13/182  
D635,622 S \* 4/2011 Martin ..... D21/681  
D688,736 S \* 8/2013 Lilly ..... D17/20  
D720,310 S \* 12/2014 Sharma ..... D13/182

(21) Appl. No.: **29/456,725**  
(22) Filed: **Jun. 3, 2013**

\* cited by examiner

*Primary Examiner* — Elizabeth J Oswecki  
(74) *Attorney, Agent, or Firm* — Saul Ewing LLP

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 29/441,116,  
filed on Dec. 31, 2012, now Pat. No. Des. 739,363.  
(51) **LOC (10) Cl.** ..... **13-03**  
(52) **U.S. Cl.**  
USPC ..... **D13/182**  
(58) **Field of Classification Search**  
USPC ..... D13/110, 182; 257/668, 678, 690;  
361/679.01, 713, 728, 736, 760, 761,  
361/775, 820; 324/71.5, 252; 174/250, 253;  
438/64, 65, 66  
CPC ..... H01L 2924/14; H01L 21/00; H01L 21/02;  
H01L 21/324; H01L 23/488; H01L 23/495;  
H01L 23/49503; H01L 23/49506; H01L  
23/50; H01L 23/48; H01L 23/52; H01L  
23/522; H01L 23/532; H01L 23/53204;  
H01L 29/02; H01L 29/06; H01L 29/0657;  
H01L 29/66; H01L 25/00; H01L 25/0072  
See application file for complete search history.

(57) **CLAIM**

The ornamental design for an array of triangular semiconduc-  
tor dice, as shown and described.

**DESCRIPTION**

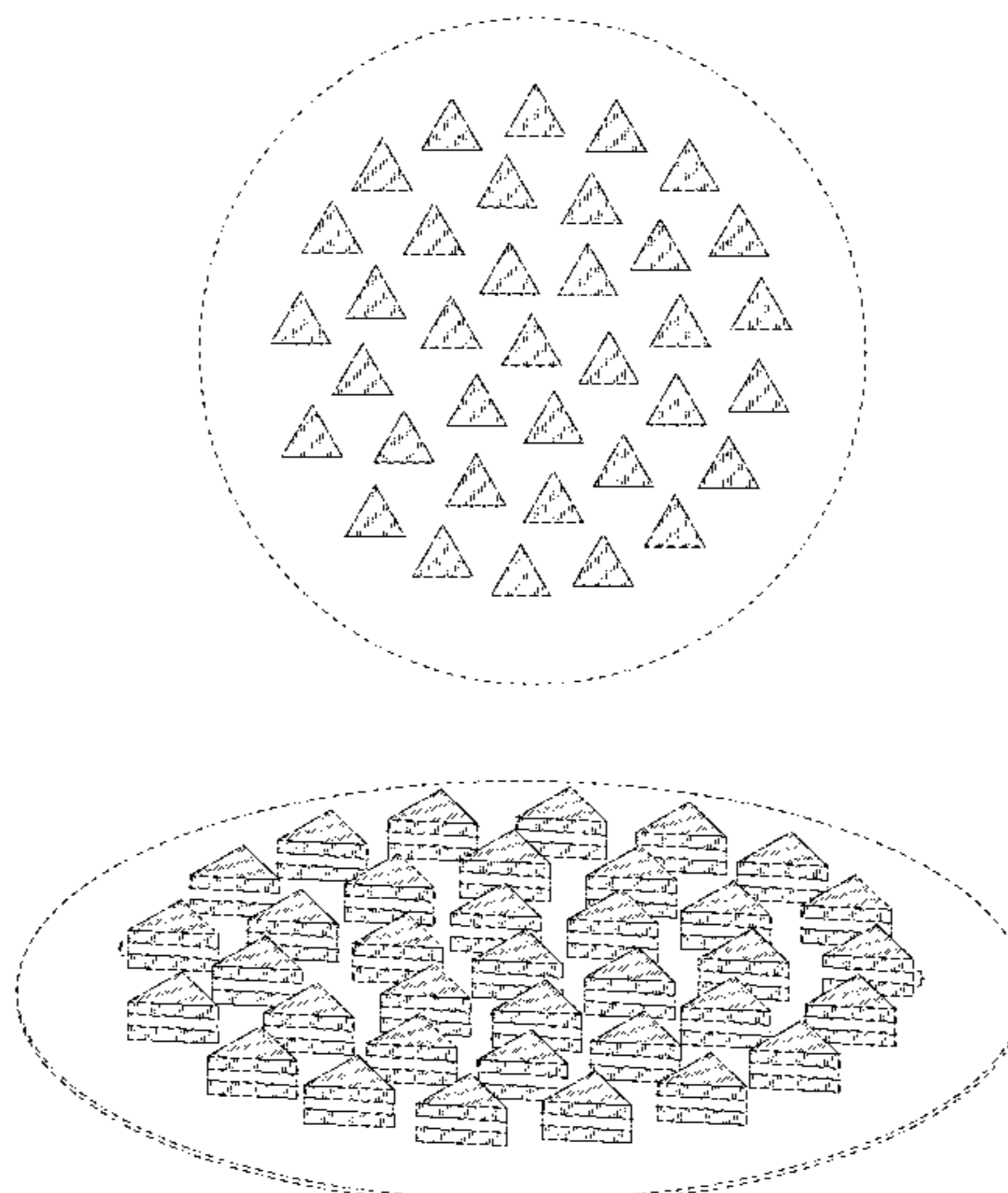
FIG. 1 is a top plan view of an array of triangular semicon-  
ductor dice showing our new design;  
FIG. 2 is a front perspective view thereof;  
FIG. 3 is a rear perspective view thereof;  
FIG. 4 is a front elevational view thereof;  
FIG. 5 is a rear elevational view thereof;  
FIG. 6 is a side elevational view thereof; and,  
FIG. 7 is an opposite side elevational view thereof.  
The broken lines in the figures represent unclaimed subject  
matter and form no part of the claimed design. For ease of  
illustration, separations and brackets in the figures indicate  
that the precise thickness of the semiconductor die is not  
claimed.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

3,357,544 A \* 12/1967 Gingher ..... B65D 5/2038  
206/300

**1 Claim, 4 Drawing Sheets**



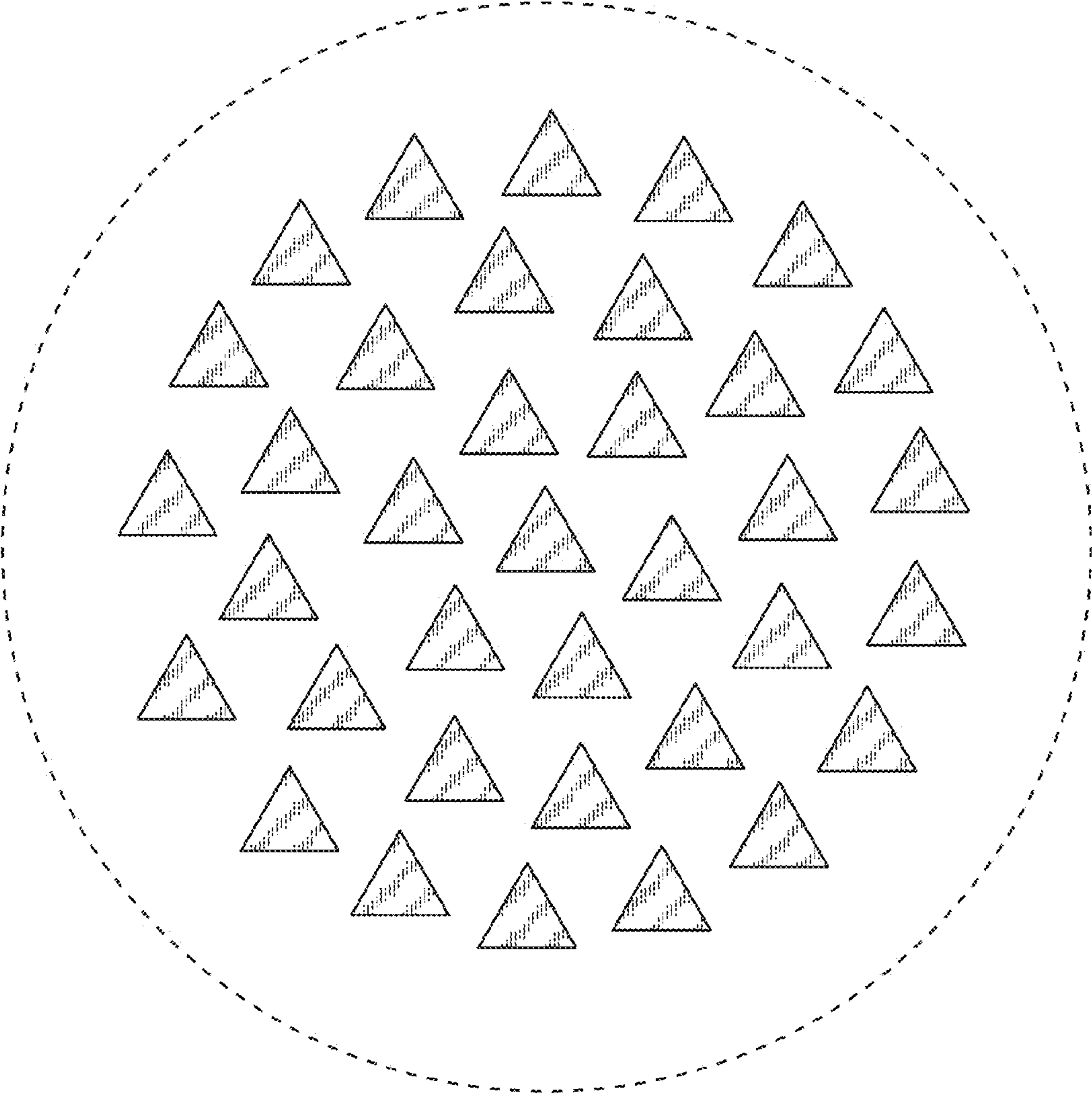


FIG. 1

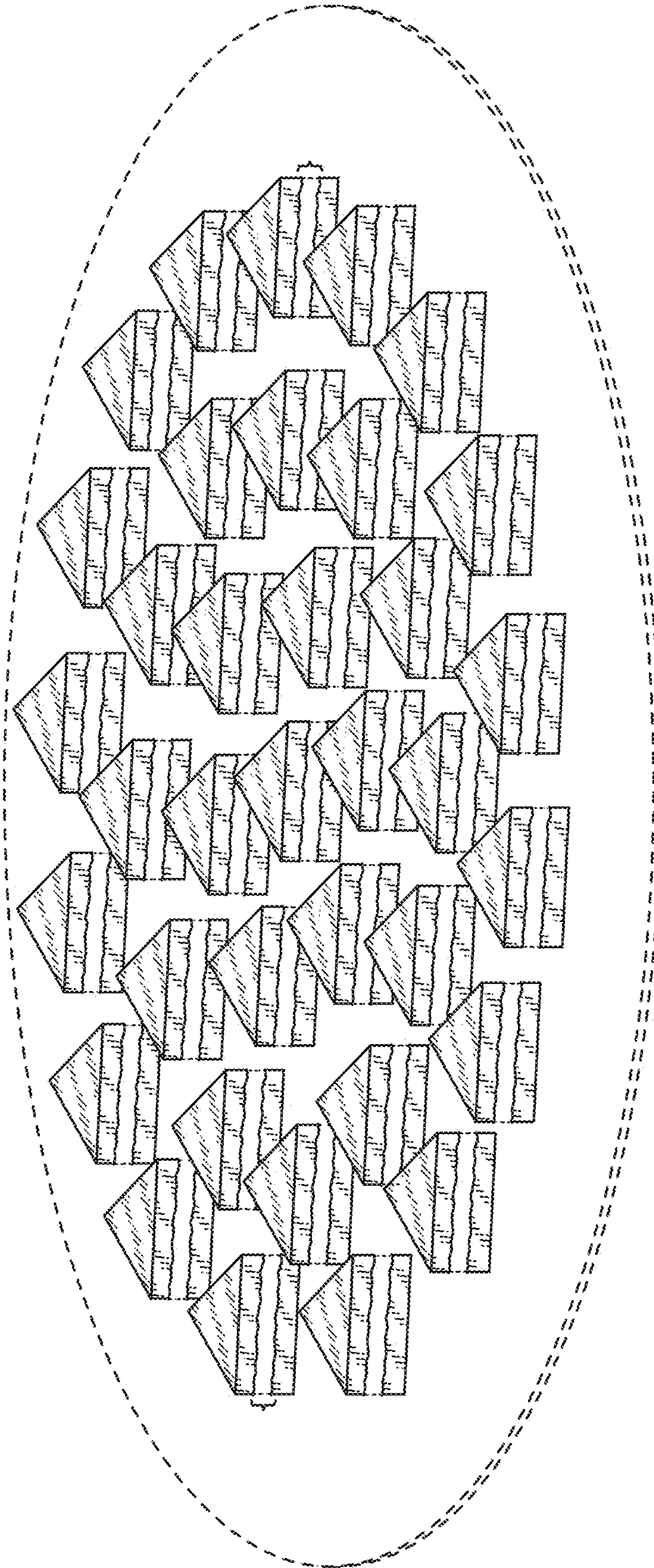


FIG. 2

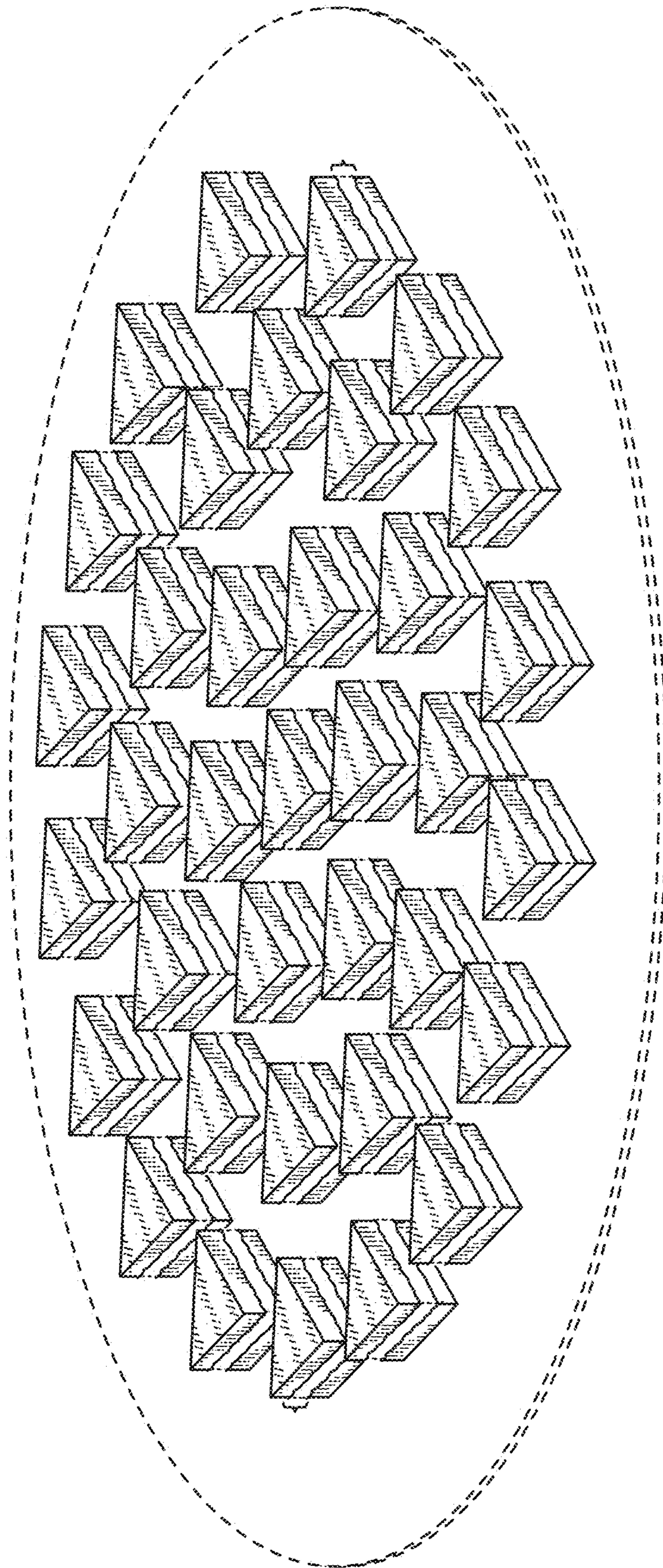


FIG. 3

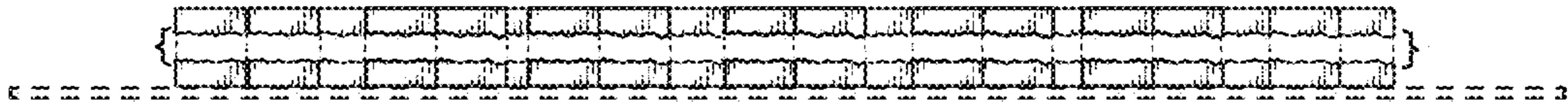


FIG. 4



FIG. 5

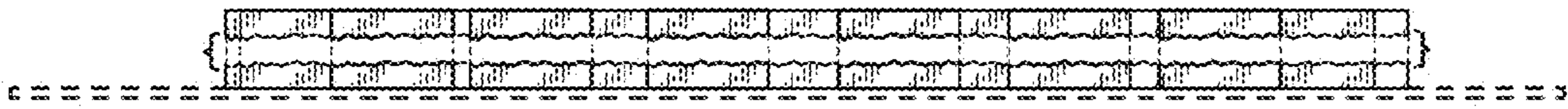


FIG. 6



FIG. 7