US00D763970S

(12) United States Design Patent

Howard

(10) Patent No.: US D763,970 S
(45) Date of Patent: ** Aug. 16, 2016

(54) **TETRAHEDRAL TURBINE BLOCK**

(71) Applicant: **T. Dashon Howard**, Plymouth Meeting, PA (US)

(72) Inventor: **T. Dashon Howard**, Plymouth Meeting, PA (US)

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

(21) Appl. No.: **29/492,264**

(22) Filed: **May 29, 2014**

(51) **LOC (10) Cl.** **21-01**

(52) **U.S. Cl.**
USPC **D21/492**

(58) **Field of Classification Search**
USPC D21/468, 478, 479, 484–505; D19/59, D19/60, 51
CPC A63H 33/04; A63H 33/06; A63H 33/08; A63H 33/082; A63H 33/084; A63H 33/10; A63H 33/102; A63H 33/105; A63H 33/12; A63H 33/16; G09B 19/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,562,077	A *	2/1971	Raba	A47B 95/04	362/352
D258,743	S *	3/1981	Ruga	D21/484	
D258,744	S *	3/1981	Ruga	D21/484	
5,036,635	A *	8/1991	Lalvani	A63H 33/04	52/80.1
5,448,868	A *	9/1995	Lalvani	A63B 9/00	52/648.1
5,593,337	A *	1/1997	Lapointe	A63H 33/084	446/125
5,628,666	A *	5/1997	Tomczyk	A63F 9/1288	446/114
5,762,336	A *	6/1998	Miller, Jr.	A63F 9/12	273/156
6,059,631	A *	5/2000	Maddock	A63H 33/082	446/104
6,152,797	A *	11/2000	David	A63H 33/08	434/403
6,379,212	B1 *	4/2002	Miller	A63H 33/084	446/85
6,558,065	B2 *	5/2003	Huang	A63H 33/04	403/170
6,921,314	B2 *	7/2005	Miller	A63H 33/084	446/487
7,156,392	B2 *	1/2007	Plein	A63F 9/1288	273/156

(Continued)

FOREIGN PATENT DOCUMENTS

CA	159837 S	10/2015	

OTHER PUBLICATIONS

"U.S. Appl. No. 29/491,955, Non Final Office Action mailed Dec. 4, 2015", 7 pgs.
"Canadian Application Serial No. 159,837, Office Action mailed May 8, 2015", 1 pg.
"Canadian Application Serial No. 159,837, Office Action mailed Dec. 12, 2014", 2 pgs.

(Continued)

Primary Examiner — Cynthia M Chin
(74) *Attorney, Agent, or Firm* — Schwegman Lundberg & Woessner, P.A.

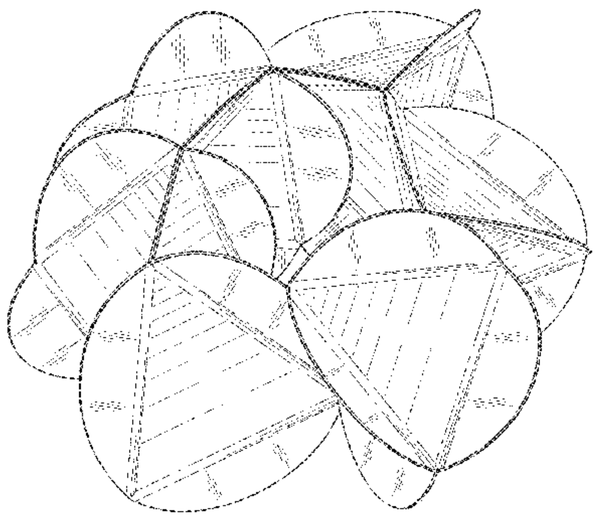
(57) **CLAIM**

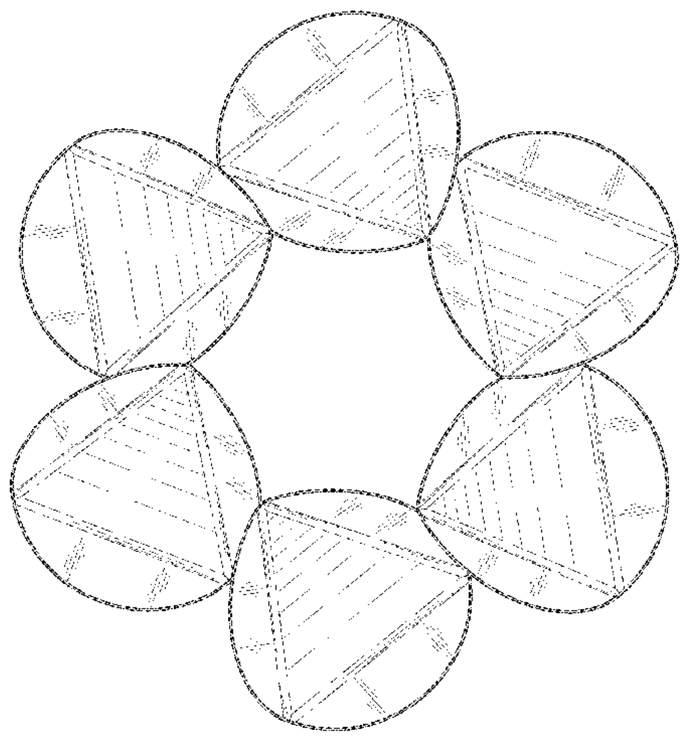
The ornamental design for a tetrahedral turbine block, as shown and described.

DESCRIPTION

FIG. **1** is a perspective view of a tetrahedral turbine block, showing our new design;
FIG. **2** is a top plan view thereof;
FIG. **3** is a bottom plan view thereof;
FIG. **4** is a front elevation view thereof;
FIG. **5** is a back elevation view thereof;
FIG. **6** is a left side elevation view thereof; and,
FIG. **7** is a right side elevation view thereof.
The shading shown is indicative of surface contour and not surface ornamentation.

1 Claim, 5 Drawing Sheets





(56) **References Cited**

U.S. PATENT DOCUMENTS

7,469,898	B2 *	12/2008	Forakis	A63F 9/1252 273/156
8,157,608	B1 *	4/2012	Stapleton	A63H 33/08 273/153 P
8,650,808	B2 *	2/2014	Hooper	A63H 33/062 446/108
8,845,381	B2 *	9/2014	Ziegler	A63H 33/08 446/108
8,858,232	B2 *	10/2014	Caverly	G09B 19/0023 40/124.14
8,979,608	B2 *	3/2015	Hawthorne	A63H 33/04 446/109
9,192,875	B2 *	11/2015	Howard	A63H 33/046

OTHER PUBLICATIONS

"Canadian Application Serial No. 159,837, Response filed Feb. 18, 2015 to Office Action mailed Dec. 12, 2014", 2 pgs.

"Canadian Application Serial No. 159,837, Response filed Sep. 1, 2015 to Office Action mailed May 8, 2015", 4 pgs.

"Chinese Application Serial No. 201430482861.9, Office Action mailed Jun. 4, 2015", 2 pgs.

"Chinese Application Serial No. 201430482861.9, Response filed Aug. 19, 2015 to Office Action mailed Jun. 4, 2015", 6 pgs.

"Chinese Application Serial No. 201430482861.9, Voluntary Amendment filed Feb. 11, 2015", 3 pgs.

* cited by examiner

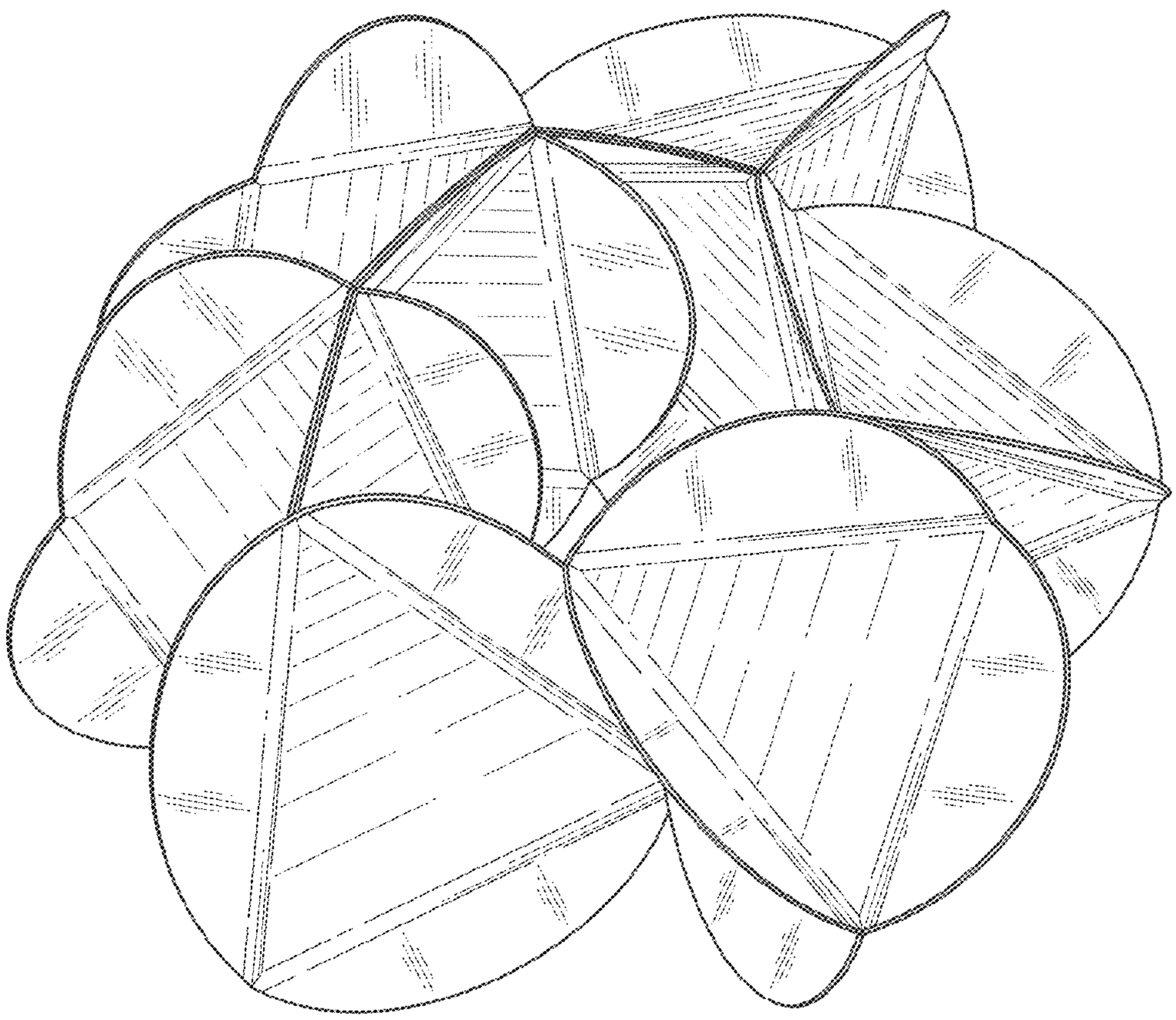


FIG. 1

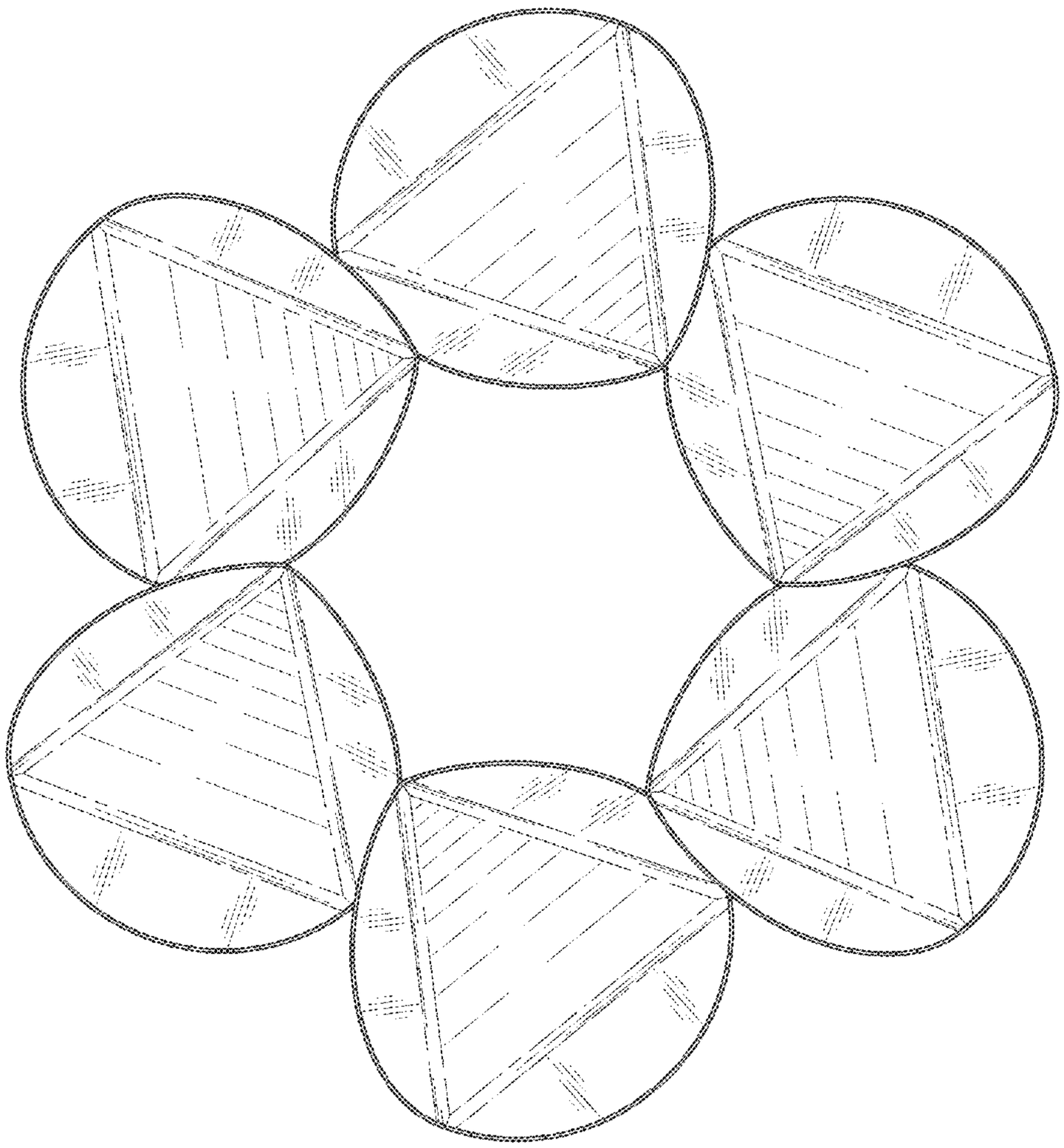


FIG. 2

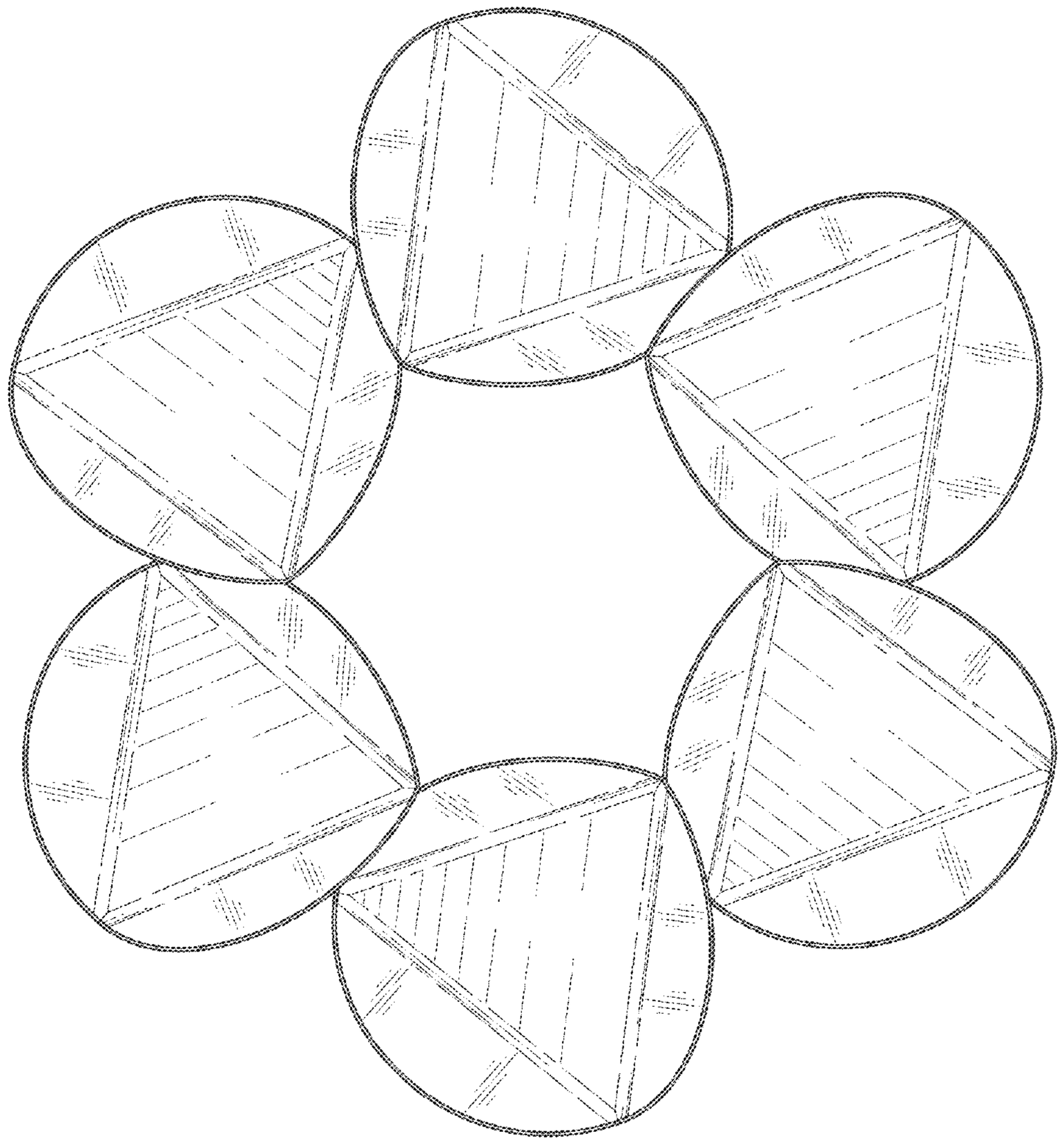


FIG. 3

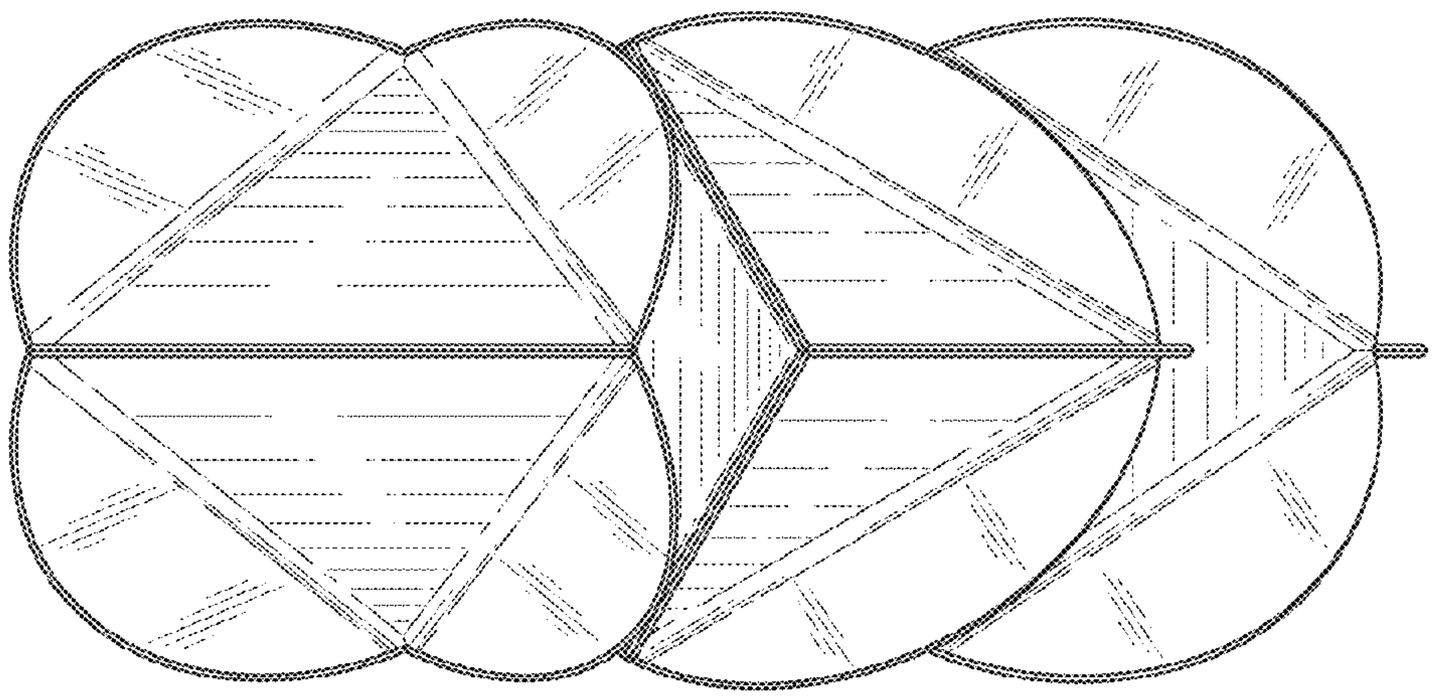


FIG. 4

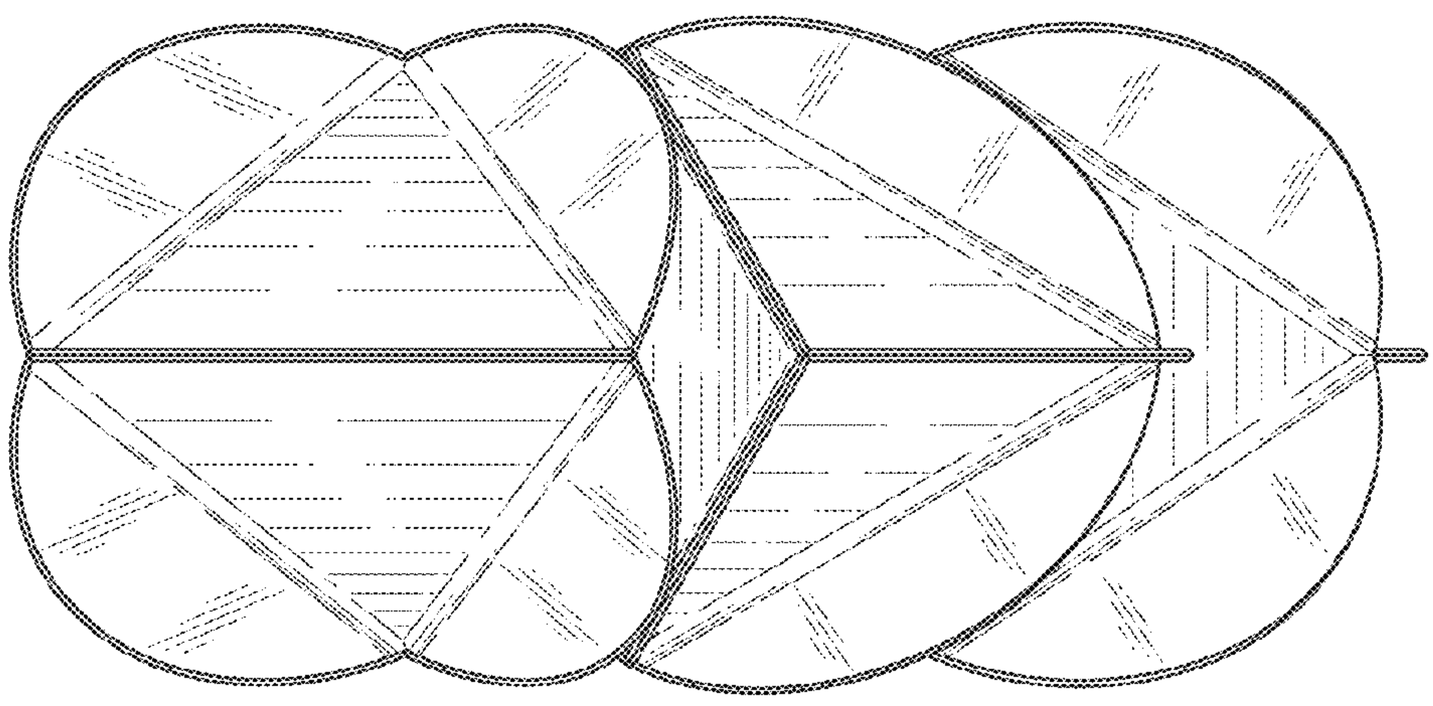


FIG. 5

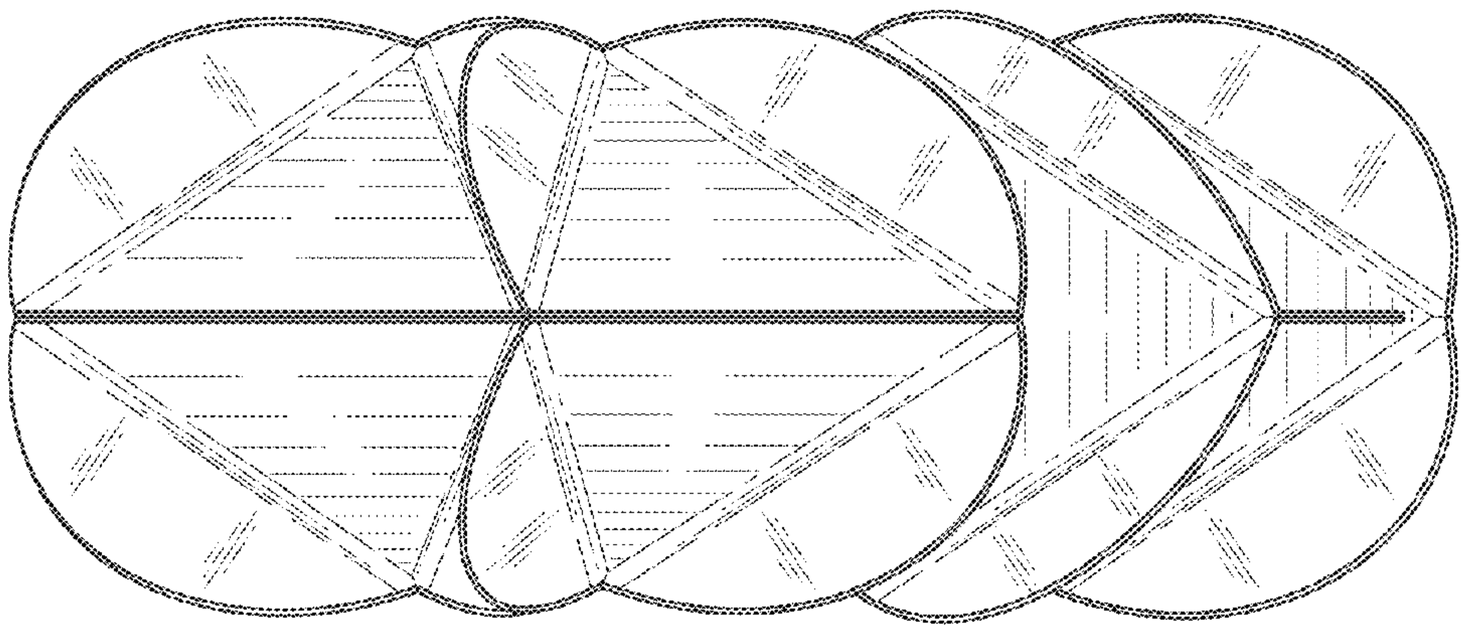


FIG. 6

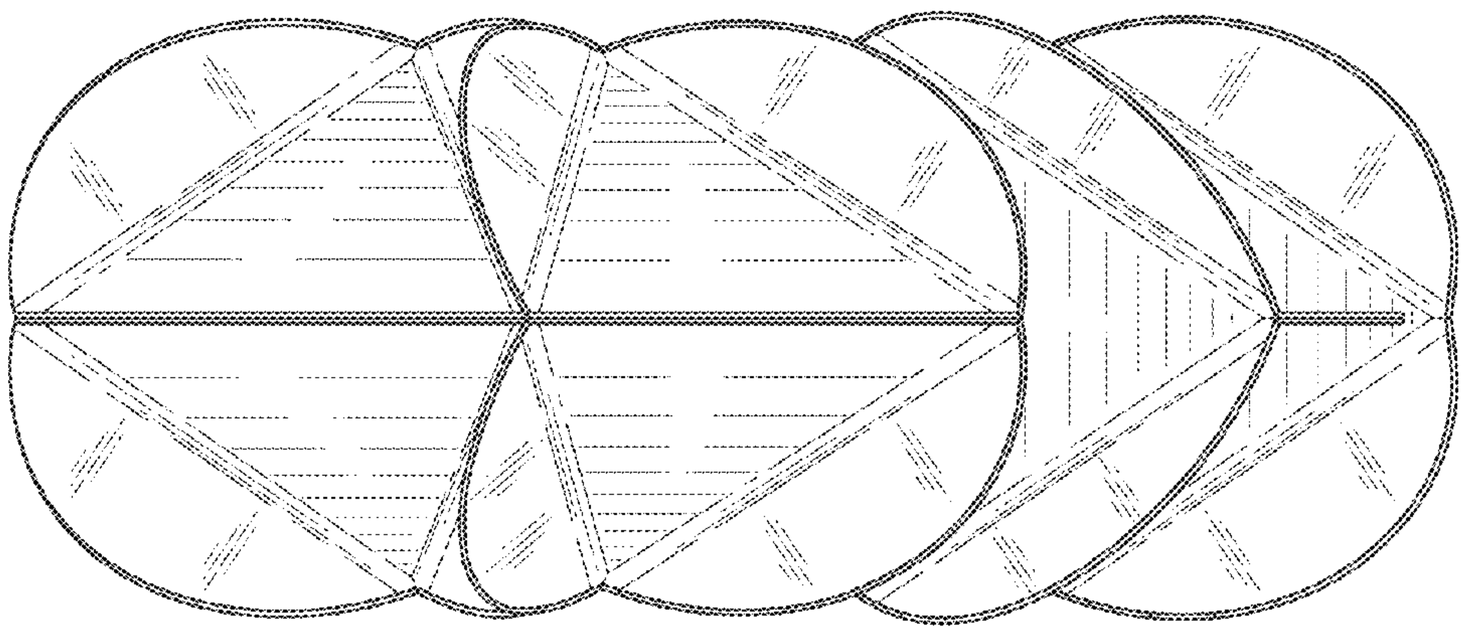


FIG. 7