



US00D840537S

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

(10) **Patent No.:** **US D840,537 S**  
(45) **Date of Patent:** **\*\* Feb. 12, 2019**

(54) **TWO-POINT DISCRIMINATOR**

- (71) Applicants: **Julielynn Yee-Ching Wong**, Toronto (CA); **Jody Mou**, North York (CA)
- (72) Inventors: **Julielynn Yee-Ching Wong**, Toronto (CA); **Jody Mou**, North York (CA)
- (73) Assignee: **3D4MD Inc.**, Toronto, Ontario (CA)
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/559,426**
- (22) Filed: **Mar. 28, 2016**
- (51) **LOC (11) Cl.** ..... **24-02**
- (52) **U.S. Cl.**  
USPC ..... **D24/144**
- (58) **Field of Classification Search**  
USPC ..... D24/133, 140, 142, 144  
(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- 4,823,806 A \* 4/1989 Bajada ..... A61B 5/441  
600/556
- 5,222,504 A \* 6/1993 Solomon ..... A61B 5/4824  
600/557

(Continued)

**FOREIGN PATENT DOCUMENTS**

- CA 1282660 C 4/1991 ..... A61B 5/00

**OTHER PUBLICATIONS**

AxoGen, Inc., AxoTouch™, Two-Point Discriminator, <http://www.axogeninc.com/products/4154/index.html>, 1 page, Jan. 2017.

(Continued)

*Primary Examiner* — Wan Laymon

(74) *Attorney, Agent, or Firm* — Sunstein Kann Murphy & Timbers LLP

(57) **CLAIM**

The ornamental design for a two-point discriminator, as shown and described.

**DESCRIPTION**

FIG. 1 shows a top perspective view of a first embodiment of a two-point discriminator in accordance with the present invention;

FIG. 2 shows a top view of the first embodiment;

FIG. 3 shows a bottom view of the first embodiment;

FIG. 4 shows a right side view of the first embodiment;

FIG. 5 shows a left side view of the first embodiment;

FIG. 6 shows a front view of the first embodiment;

FIG. 7 shows a rear view of the first embodiment;

FIG. 8 shows a top perspective view of a second embodiment of a two-point discriminator in accordance with the present invention;

FIG. 9 shows a top view of the second embodiment;

FIG. 10 shows a bottom view of the second embodiment;

FIG. 11 shows a right side view of the second embodiment;

FIG. 12 shows a left side view of the second embodiment;

FIG. 13 shows a front view of the second embodiment;

FIG. 14 shows a rear view of the second embodiment;

FIG. 15 shows a top perspective view of a third embodiment of a two-point discriminator in accordance with the present invention;

FIG. 16 shows a top view of the third embodiment;

FIG. 17 shows a bottom view of the third embodiment;

FIG. 18 shows a right side view of the third embodiment;

FIG. 19 shows a left side view of the third embodiment;

FIG. 20 shows a front view of the third embodiment;

FIG. 21 shows a rear view of the third embodiment;

FIG. 22 shows a top perspective view of a fourth embodiment of a two-point discriminator in accordance with the present invention;

FIG. 23 shows a top view of the fourth embodiment;

FIG. 24 shows a bottom view of the fourth embodiment;

FIG. 25 shows a right side view of the fourth embodiment;

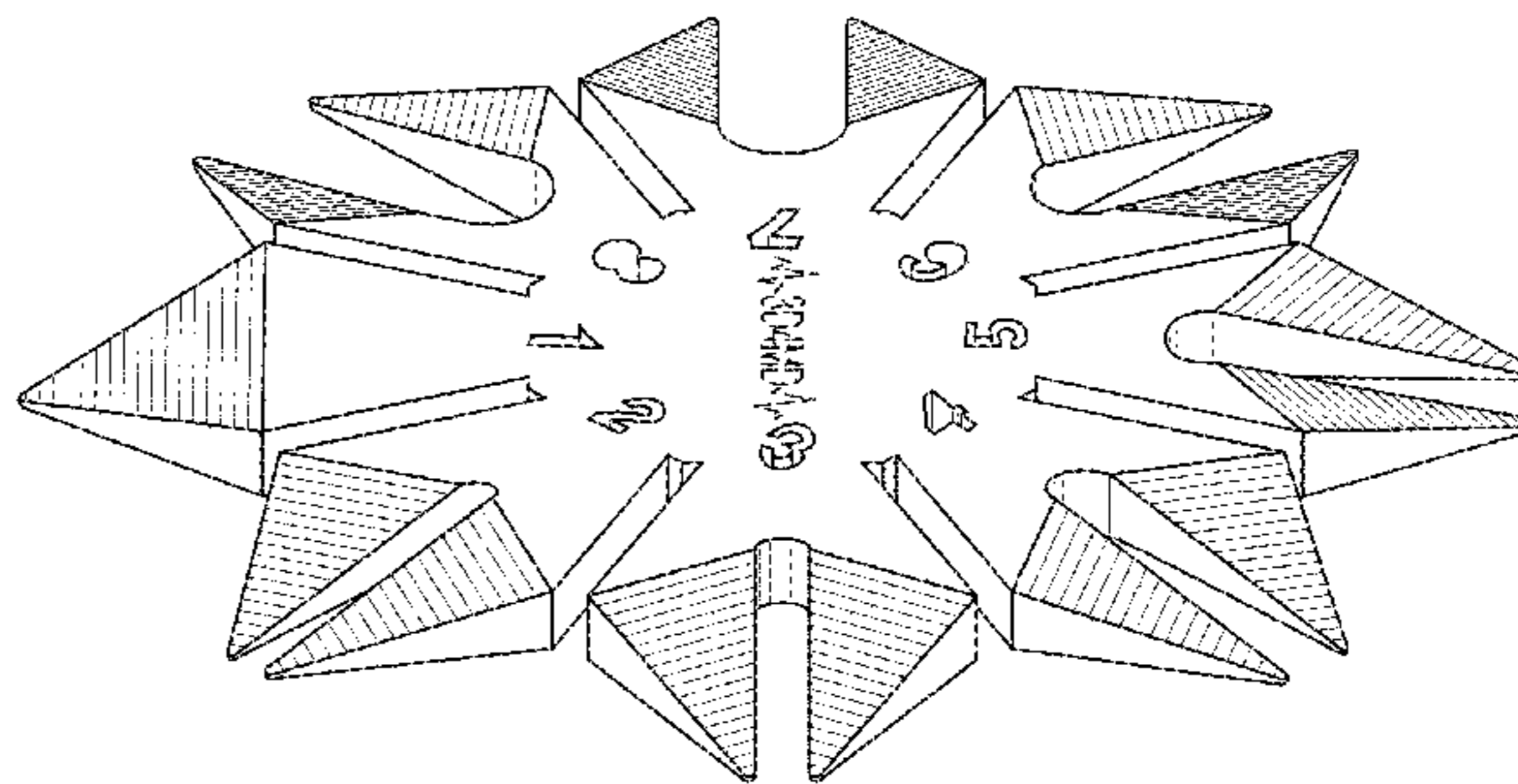
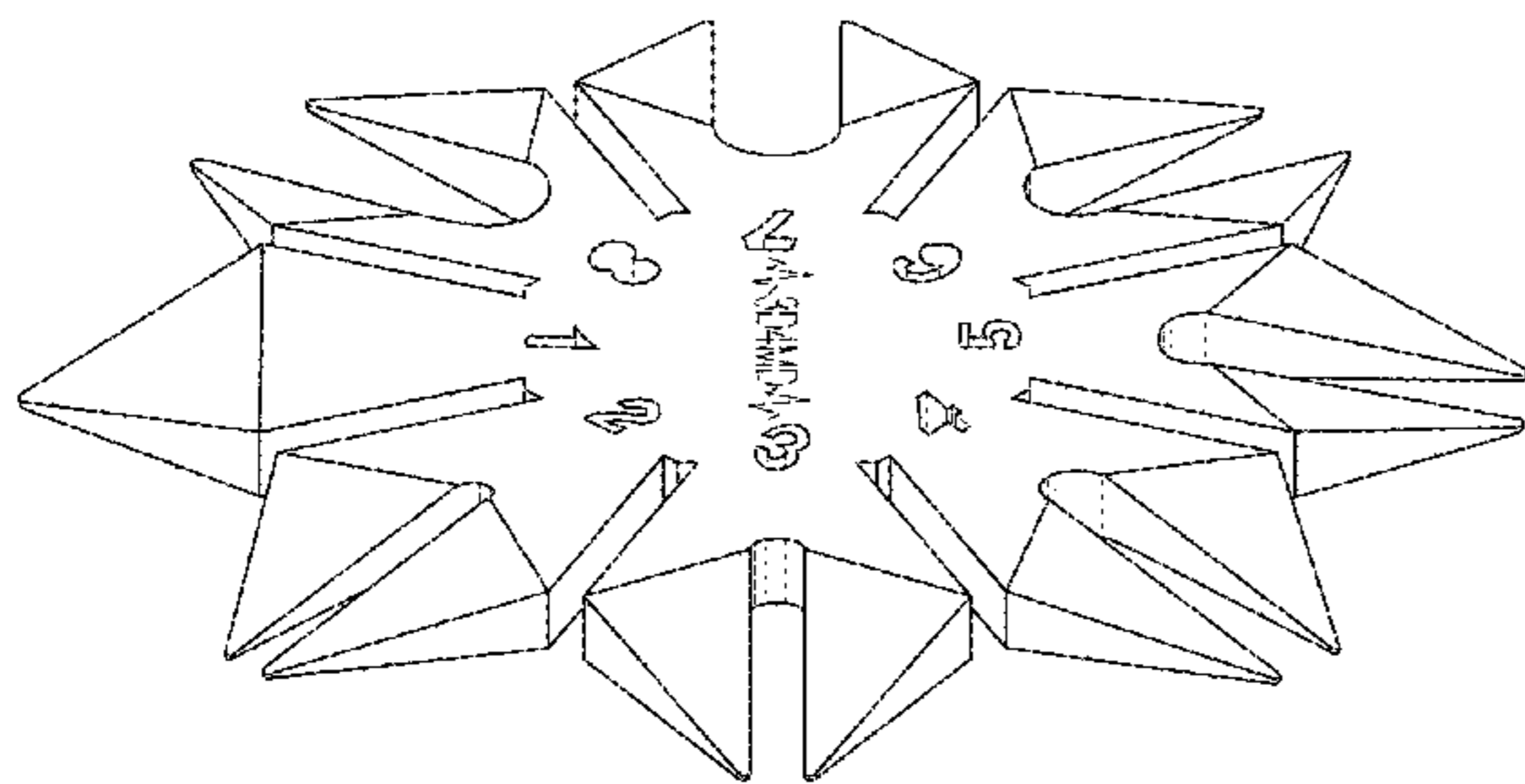
FIG. 26 shows a left side view of the fourth embodiment;

FIG. 27 shows a front view of the fourth embodiment; and,

FIG. 28 shows a rear view of the fourth embodiment.

The broken lines depict portions of the two-point discriminator that form no part of the claimed design.

(Continued)



The broken line perimeters seen on the surface of the two-point discriminator are boundaries of the claimed design. These broken lines and the areas within them also form no part of the claimed design.

**1 Claim, 16 Drawing Sheets**

(58) **Field of Classification Search**

CPC ..... A61B 5/4827; A61B 5/4824; A61B 5/483;  
A61B 5/44; A61B 5/441; A61B 5/0048;  
A61B 5/0051

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,529,074 A \* 6/1996 Greenfield ..... A61B 5/4824  
600/557  
6,387,055 B1 \* 5/2002 Christy ..... A61B 5/4827  
600/557  
D669,985 S \* 10/2012 Cheney ..... D24/140  
D755,964 S \* 5/2016 Freudenthal ..... D24/140  
D777,917 S \* 1/2017 Kabra ..... D24/144

OTHER PUBLICATIONS

NexGen Medical Systems, Baseline, DISCRIM-A-GON™, <http://www.nexgenergo.com/medical/baseline9.html>, 1 page, Jan. 2017.

North Coast Medical, Inc., Disk-Criminator™, [https://ssl.cdn.ncmedical.com/item\\_1283.html](https://ssl.cdn.ncmedical.com/item_1283.html), 1 page, Jan. 2017.

North Coast Medical, Inc., Touch-Test®, Two-Point Discriminator, [https://ssl.cdn.ncmedical.com/item\\_705.html](https://ssl.cdn.ncmedical.com/item_705.html), 1 page, Jan. 2017.

\* cited by examiner

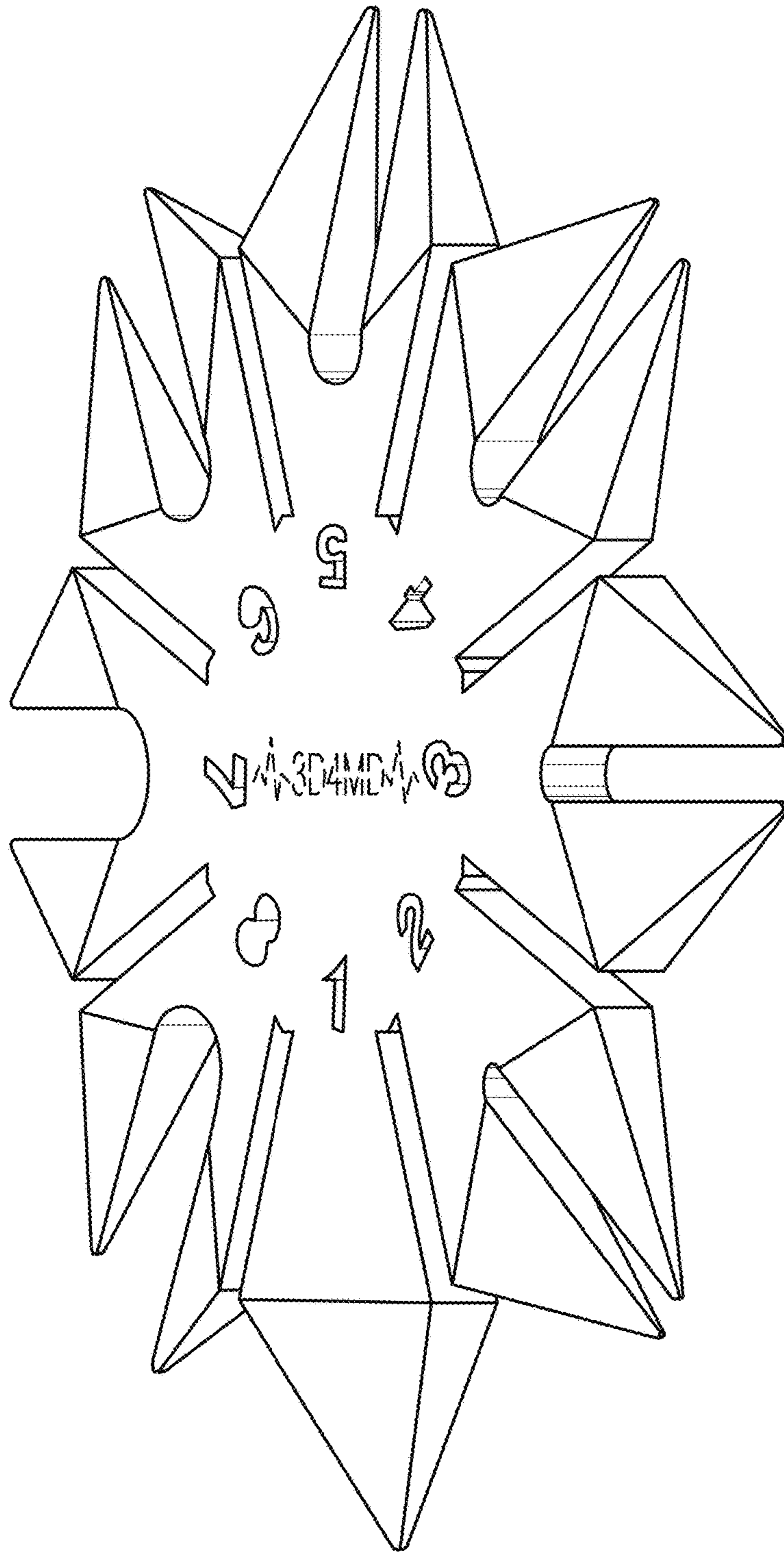


FIG. 1

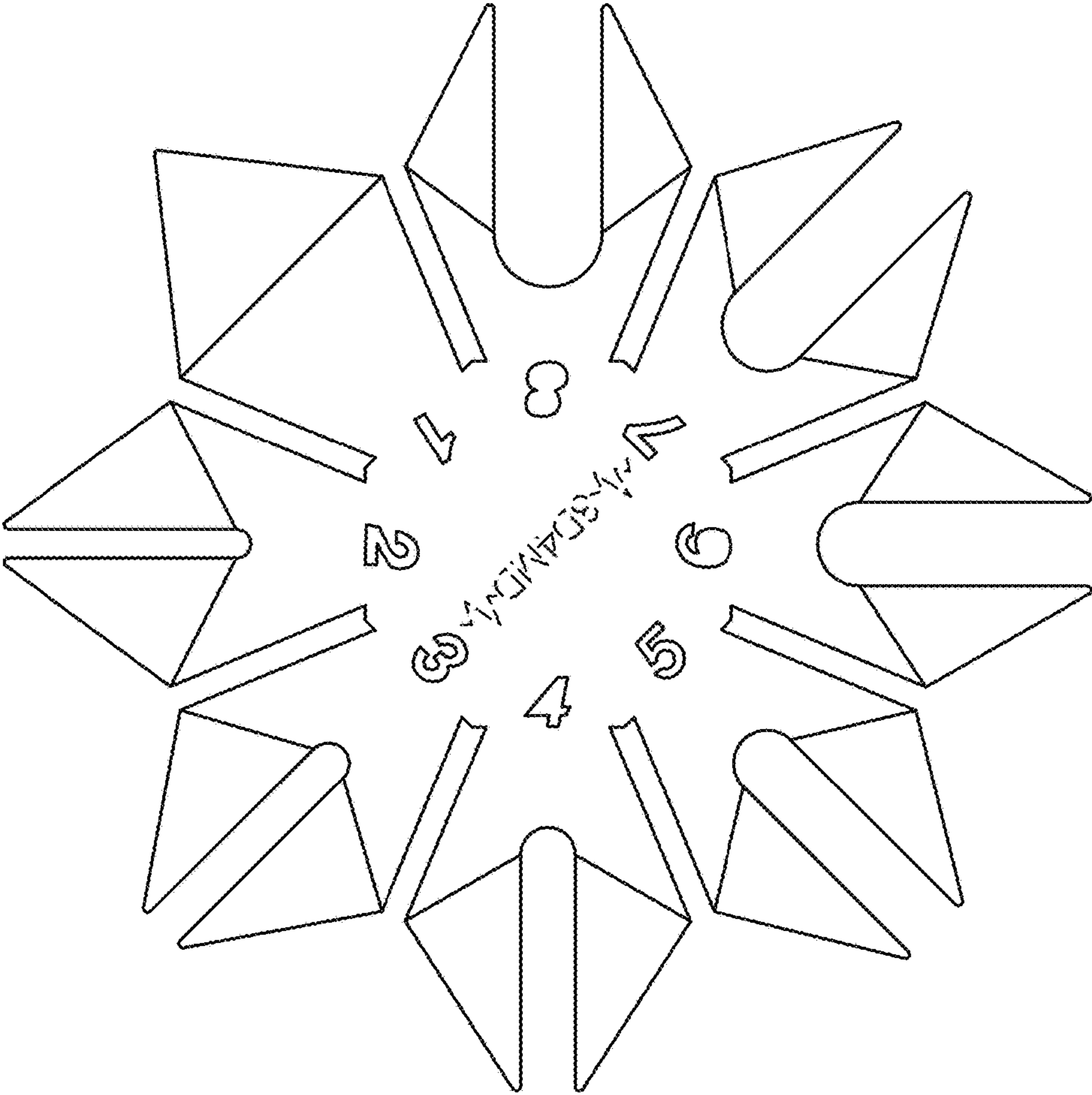
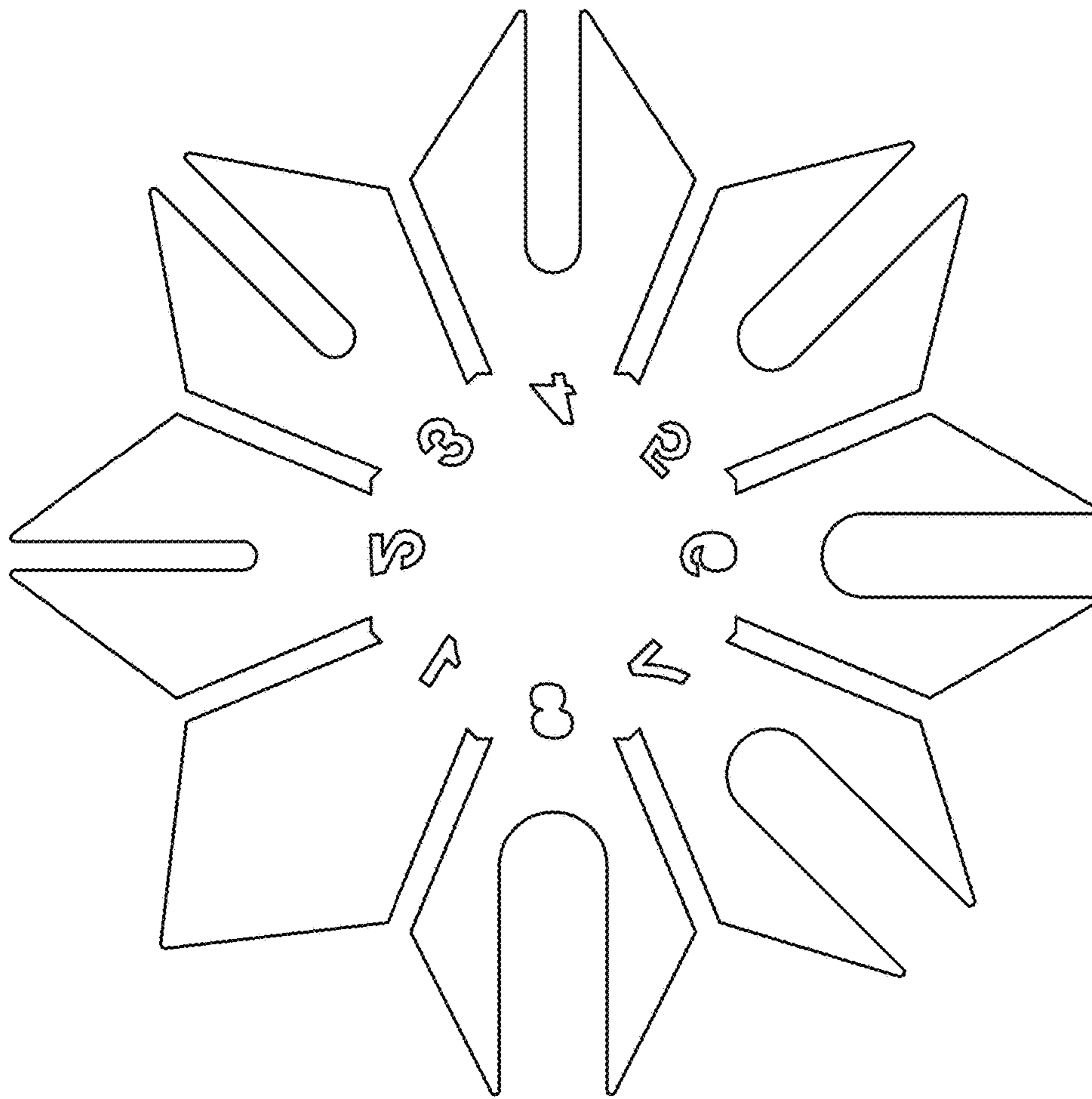


FIG. 2



**FIG. 3**



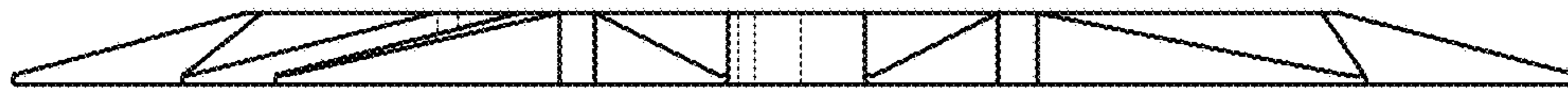
*FIG. 4*



*FIG. 5*



*FIG. 6*



*FIG. 7*

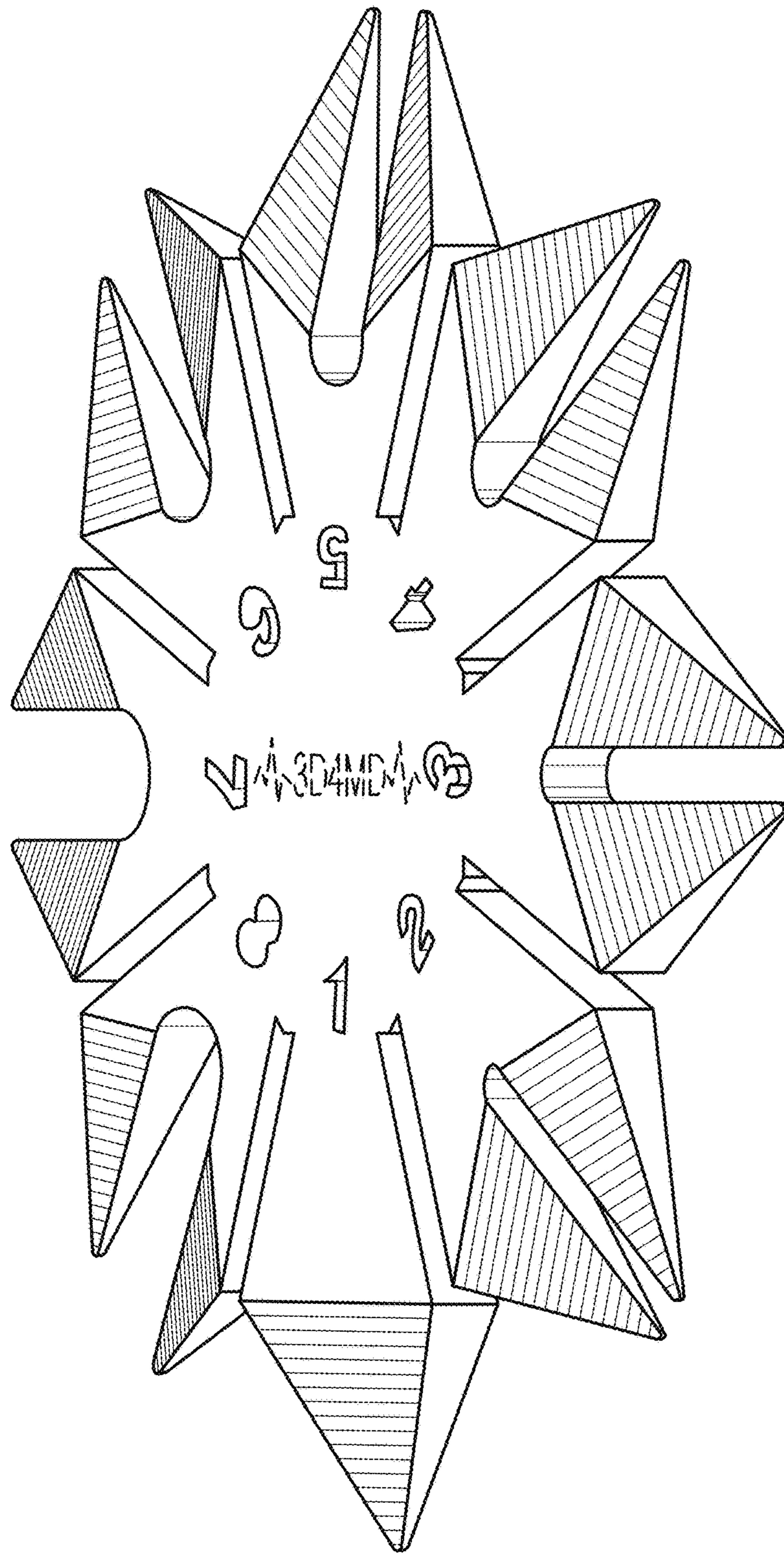
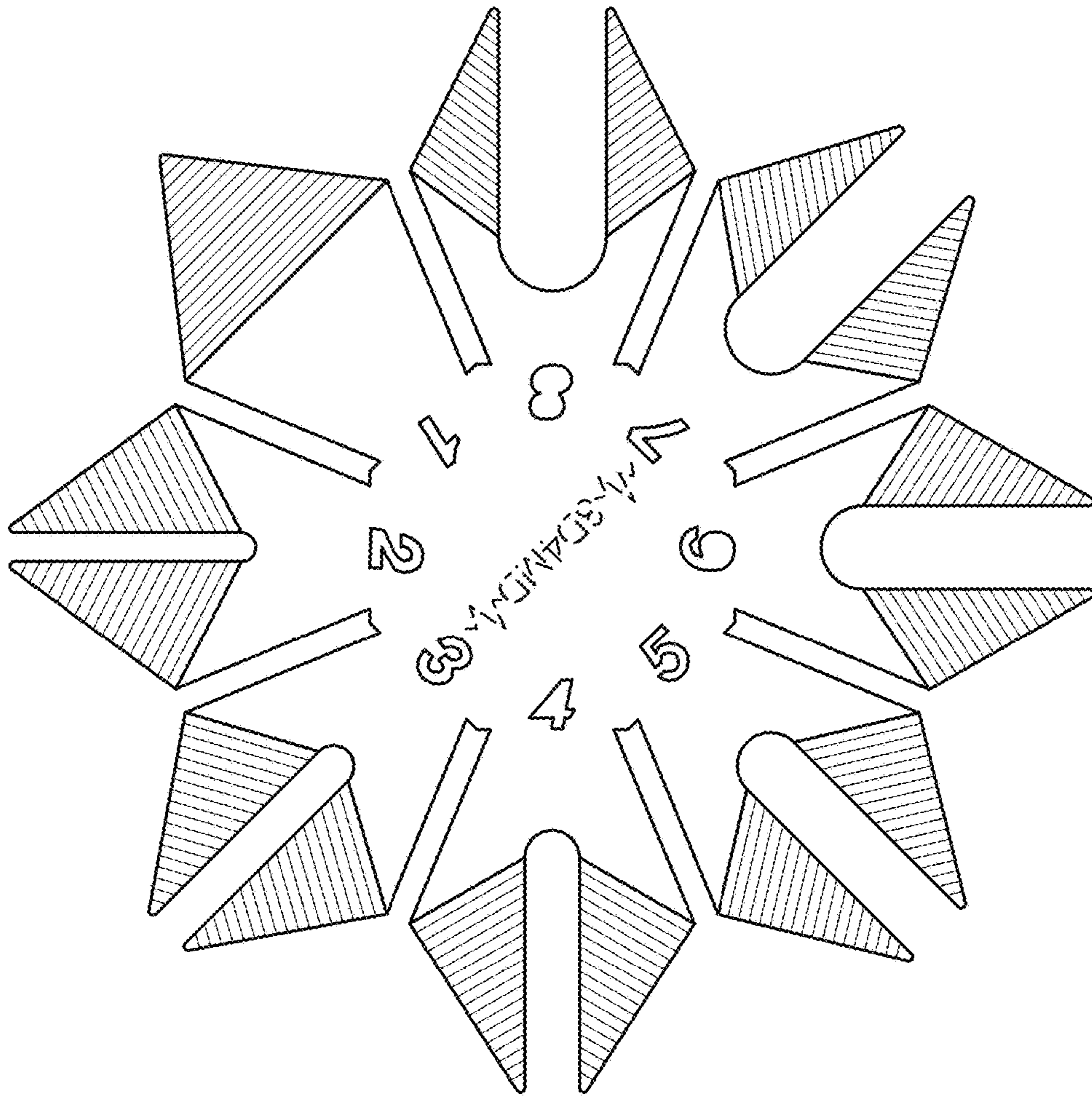
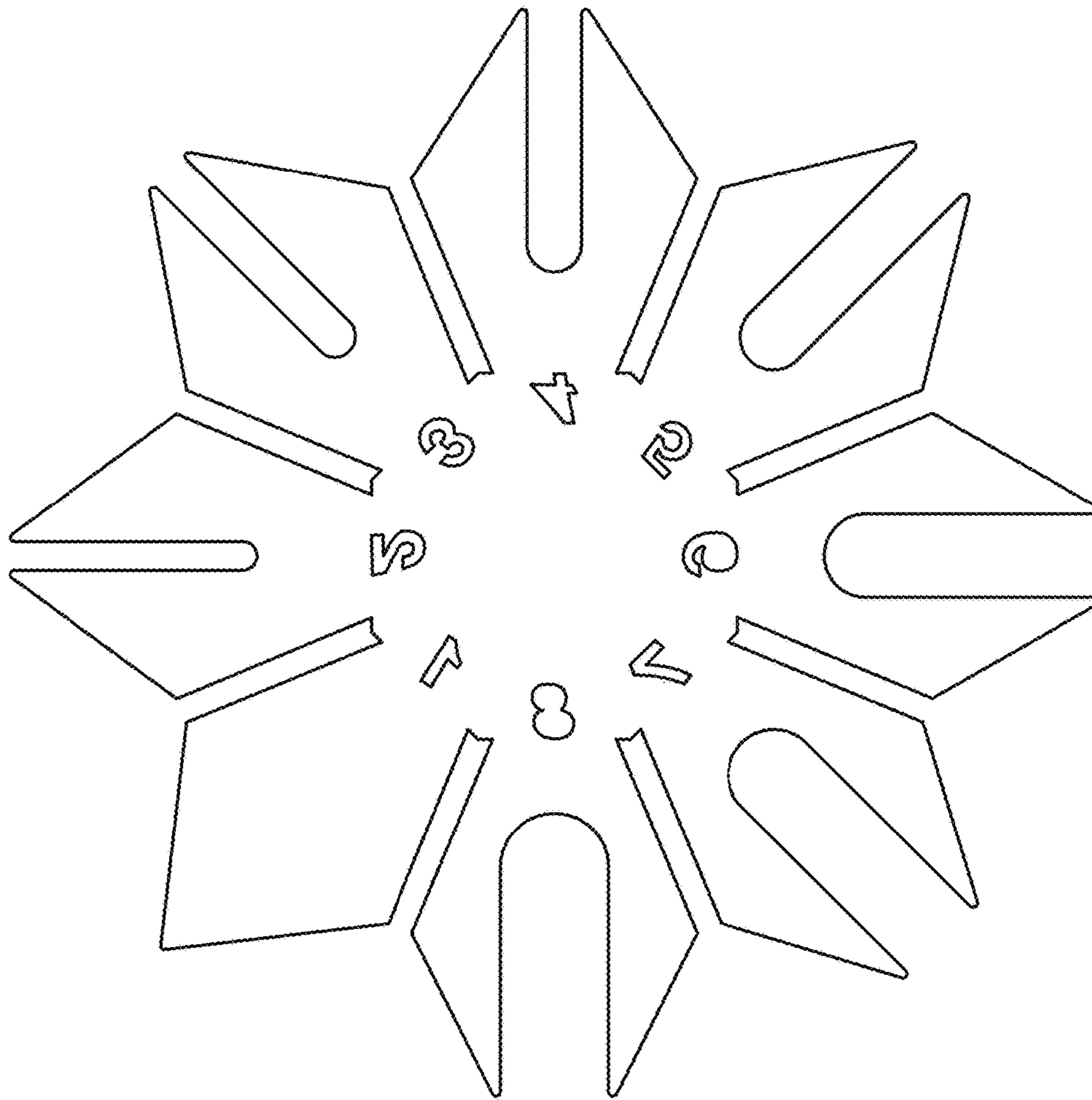


FIG. 8



**FIG. 9**





**FIG. 10**



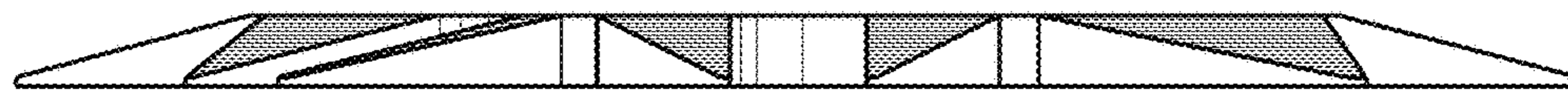
*FIG. 11*



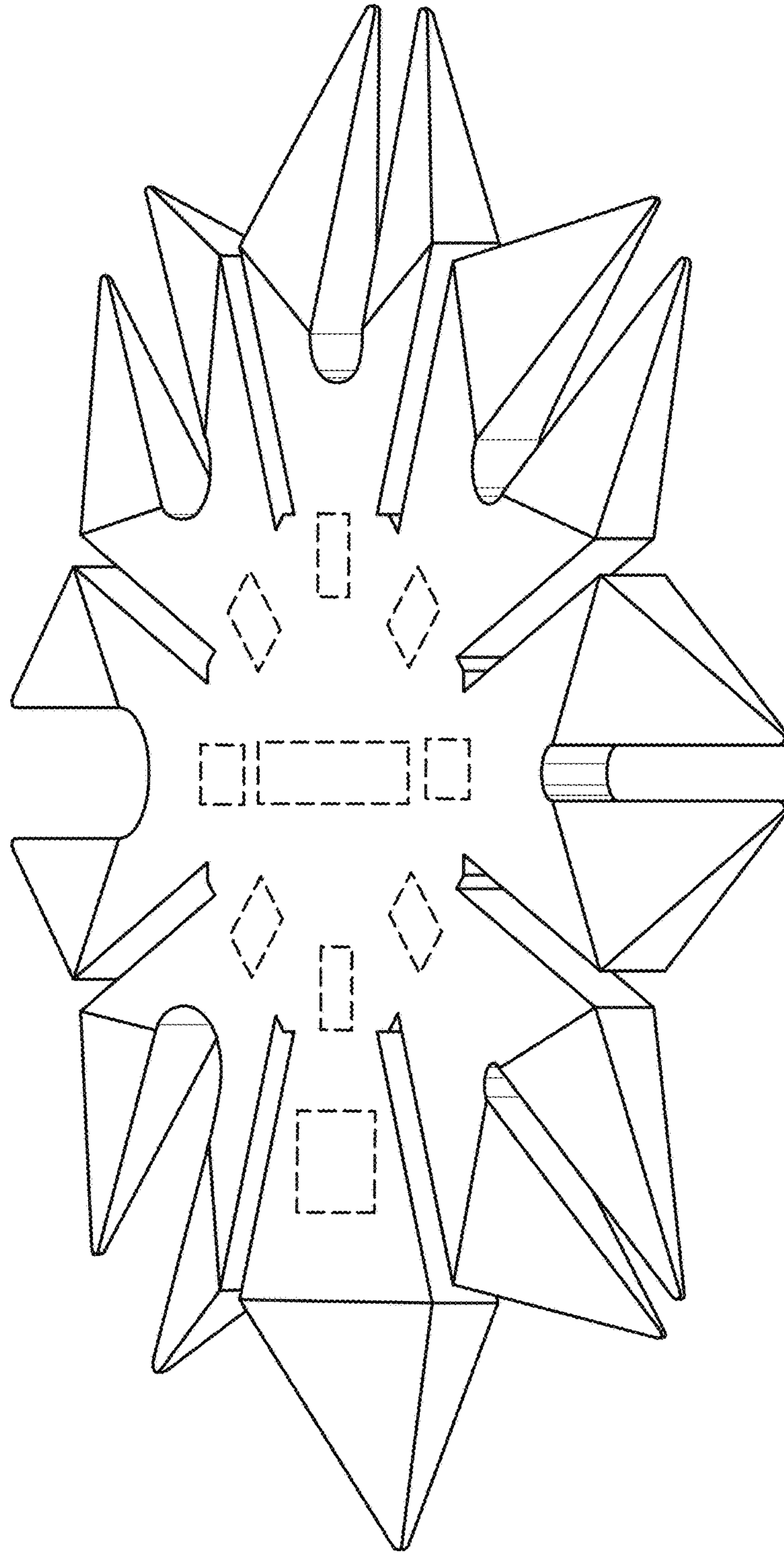
*FIG. 12*



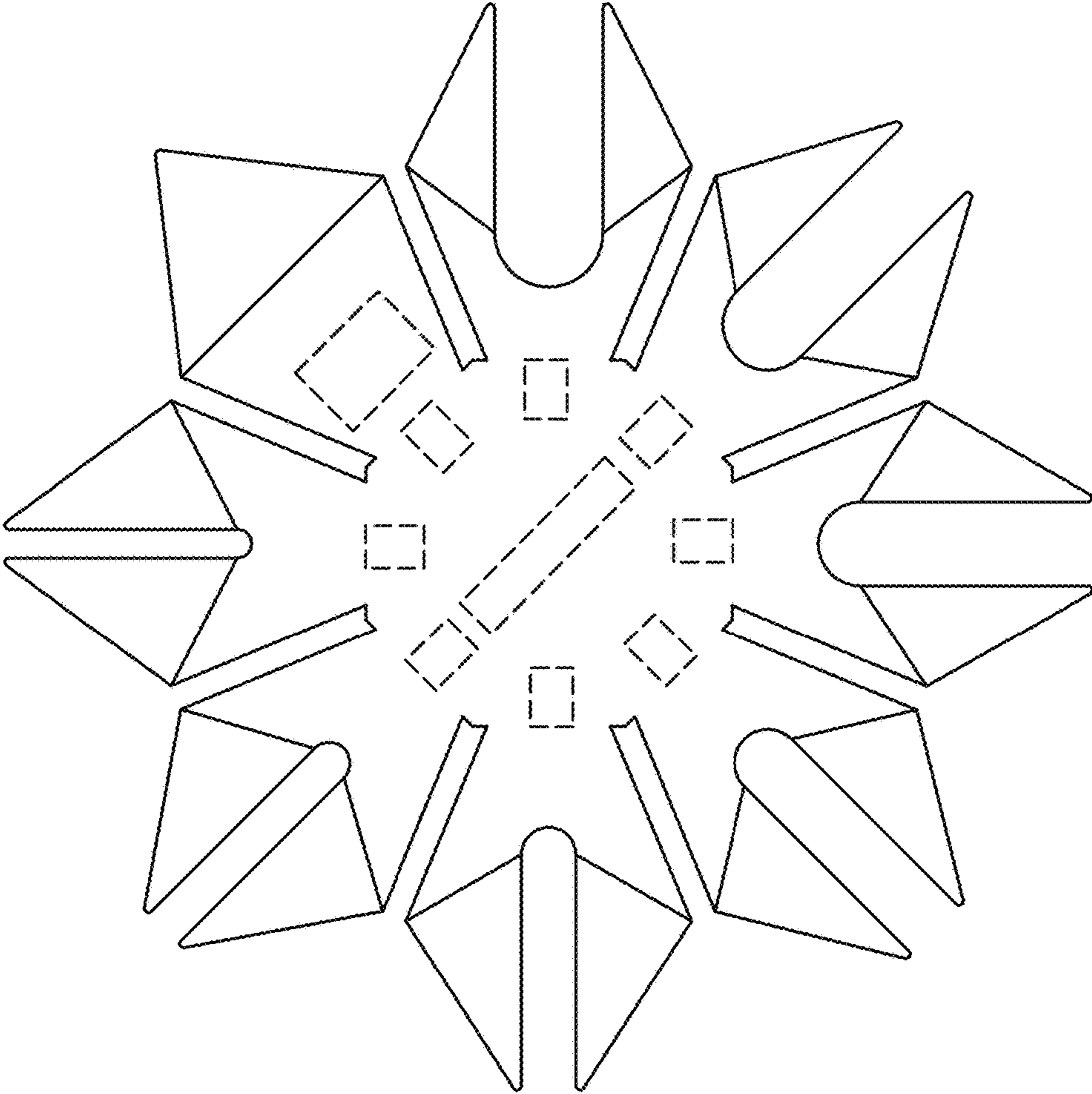
*FIG. 13*



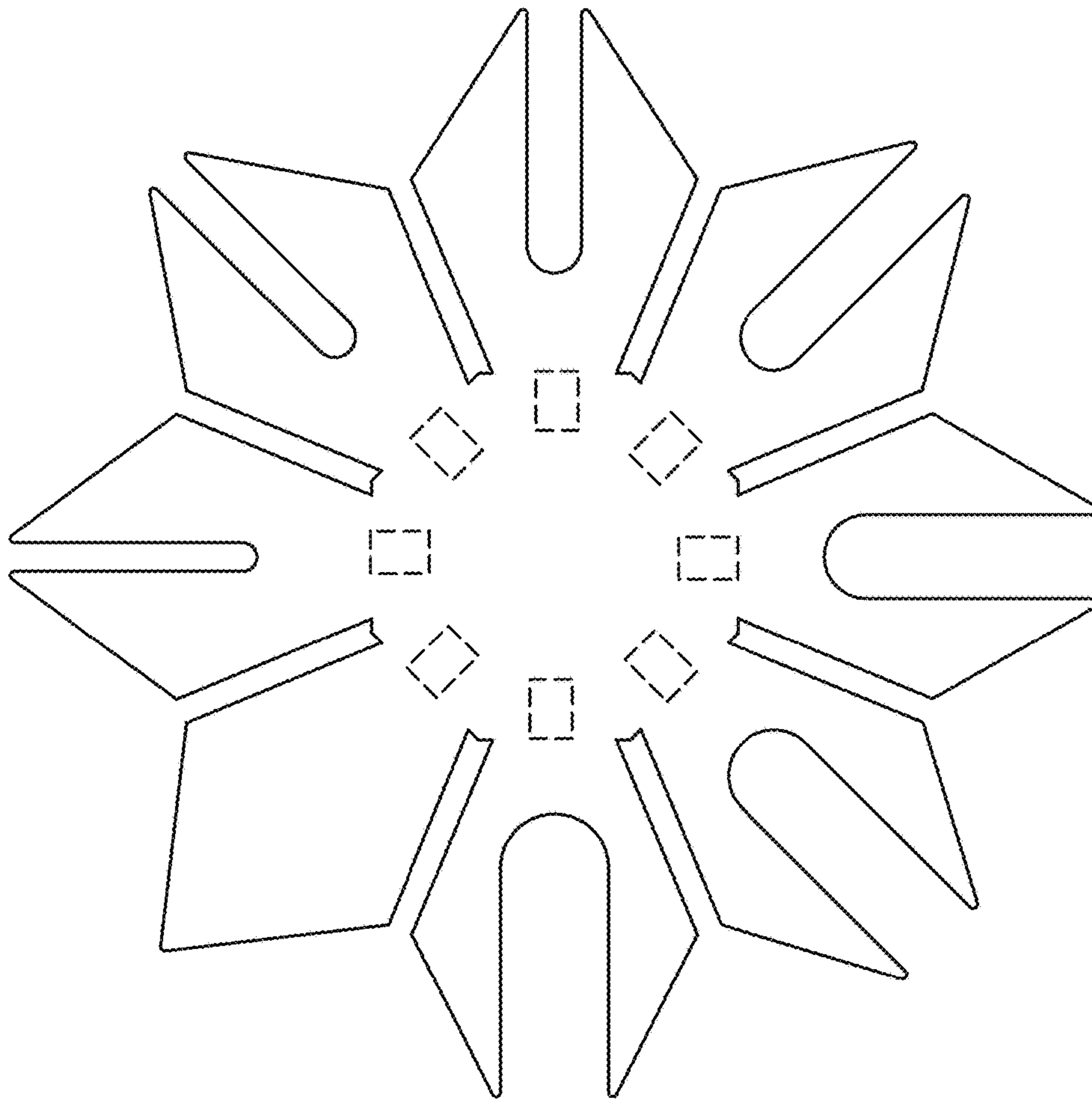
*FIG. 14*



**FIG. 15**



**FIG. 16**



**FIG. 17**



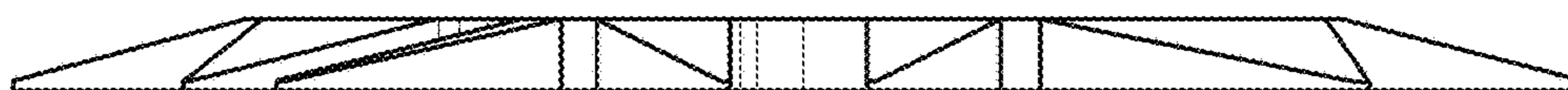
*FIG. 18*



*FIG. 19*



*FIG. 20*



*FIG. 21*

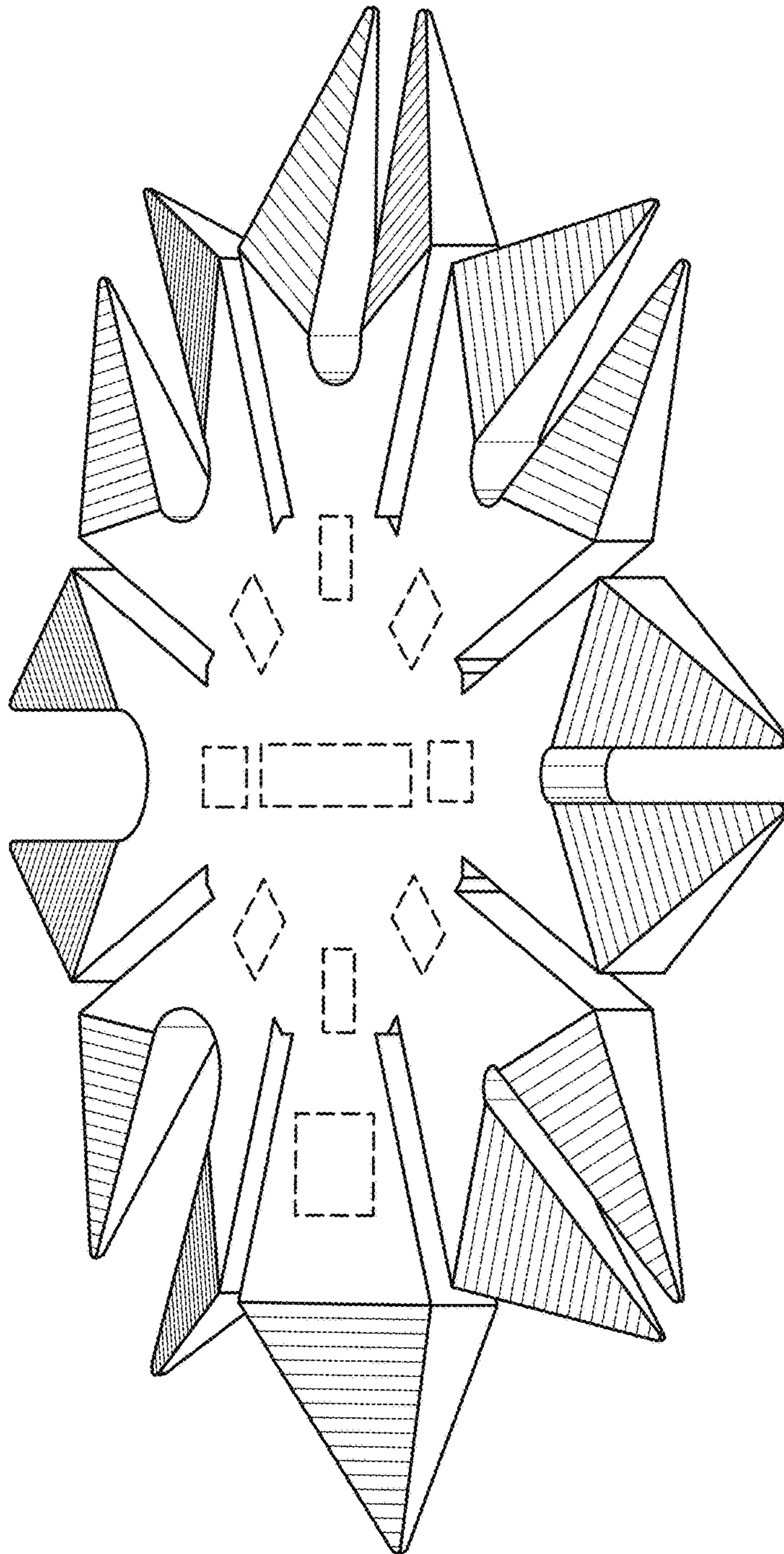
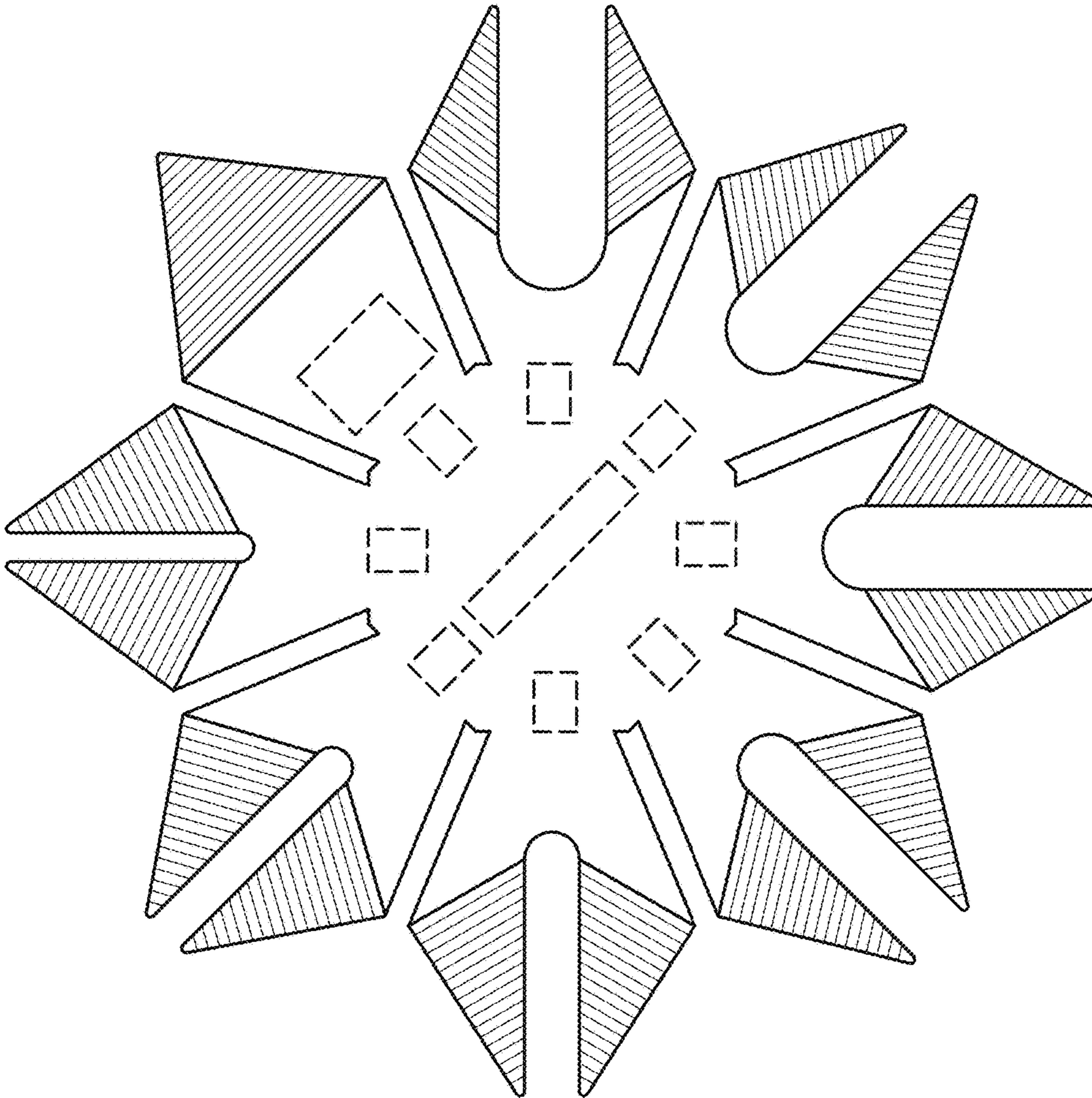
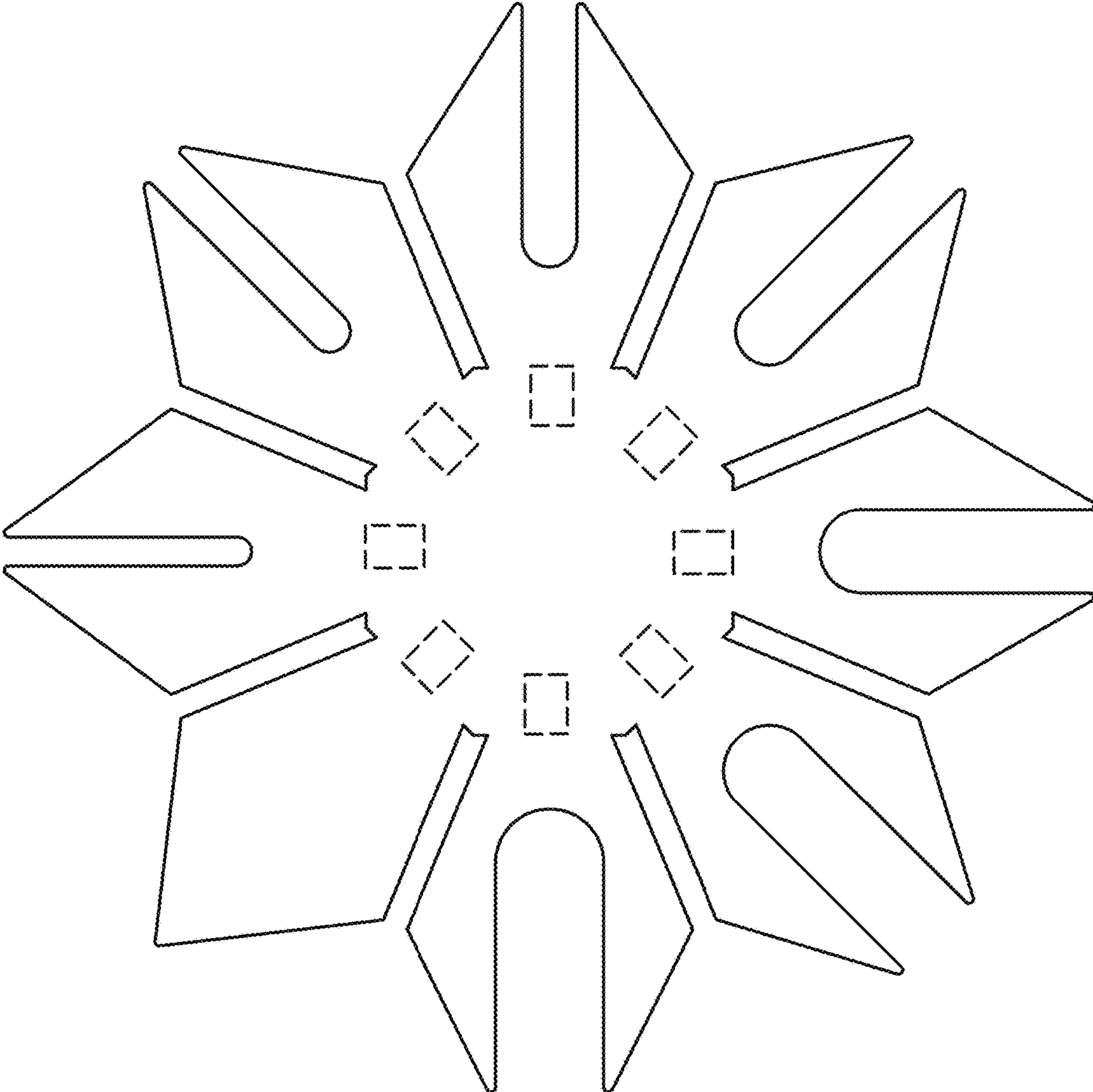


FIG. 22

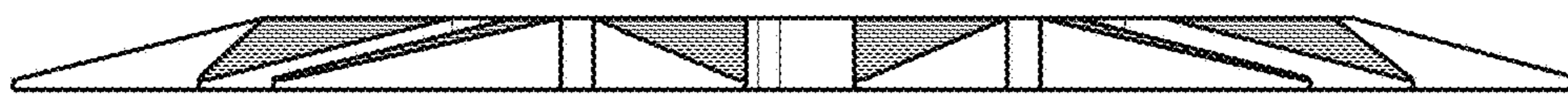


**FIG. 23**





**FIG. 24**



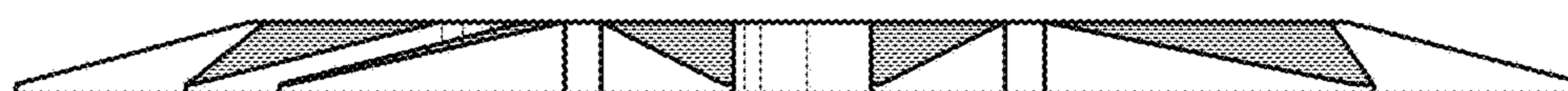
*FIG. 25*



*FIG. 26*



*FIG. 27*



*FIG. 28*