



US00D695884S

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

(10) **Patent No.:** **US D695,884 S**

(45) **Date of Patent:** **\*\* Dec. 17, 2013**

(54) **PENTA-LOBED GAS BURNER**

(71) Applicant: **Michael Scott Adkins**, Vandalia, OH  
(US)

(72) Inventor: **Michael Scott Adkins**, Vandalia, OH  
(US)

(73) Assignee: **Hearth Products Controls Co.**,  
Kettering, OH (US)

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

(21) Appl. No.: **29/439,420**

(22) Filed: **Dec. 11, 2012**

(51) **LOC (9) Cl.** ..... **23-03**

(52) **U.S. Cl.**  
USPC ..... **D23/415**

(58) **Field of Classification Search**  
USPC ..... D23/403–410, 415–422, 499, 345, 347,  
D23/349; D7/332, 402, 407, 417; D15/144;  
40/428, 798; 44/520, 530; 52/36.3;  
126/201, 258, 500, 512, 540, 543, 544,  
126/548, 555, 298; 160/DIG. 9; 219/549;  
431/263, 273, 329

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

1,444,770	A *	2/1923	Baker	.....	126/214 D
1,720,909	A *	7/1929	Lang	.....	126/214 R
1,878,143	A *	9/1932	Hobson	.....	126/39 K
D108,575	S *	2/1938	Lindenberger	.....	D15/144
D137,475	S *	3/1944	Morehead	.....	D6/303
4,834,774	A *	5/1989	Fay et al.	.....	44/530
D329,162	S *	9/1992	Dutro et al.	.....	D7/332
D414,377	S *	9/1999	Huang	.....	D7/407
6,851,420	B2 *	2/2005	Jennings	.....	126/39 R
7,322,820	B2 *	1/2008	Welton et al.	.....	431/354

D565,894	S *	4/2008	Pryor et al.	.....	D7/407
D584,567	S *	1/2009	Hughes et al.	.....	D7/407
D585,240	S *	1/2009	Beroset et al.	.....	D7/407

\* cited by examiner

*Primary Examiner* — Karen S Acker

(74) *Attorney, Agent, or Firm* — Thompson Hine, L.L.P.

(57) **CLAIM**

The ornamental design for a penta-lobed gas burner, as shown and described.

**DESCRIPTION**

FIG. 1 is a top view of a first embodiment of the penta-lobed gas burner;

FIG. 2 is a bottom view of the first embodiment;

FIG. 3 is a representative side view of the first embodiment, the other side views being substantially identical by virtue of the embodiment's five-fold rotational symmetry;

FIG. 4 is a perspective view of the first embodiment;

FIG. 5 is a top view of a second embodiment of the penta-lobed gas burner;

FIG. 6 is a bottom view of the second embodiment;

FIG. 7 is a representative side view of the second embodiment, the other side views being substantially identical by virtue of the embodiment's five-fold rotational symmetry;

FIG. 8 is a perspective view of the second embodiment;

FIG. 9 is a top view of a third embodiment of the penta-lobed gas burner;

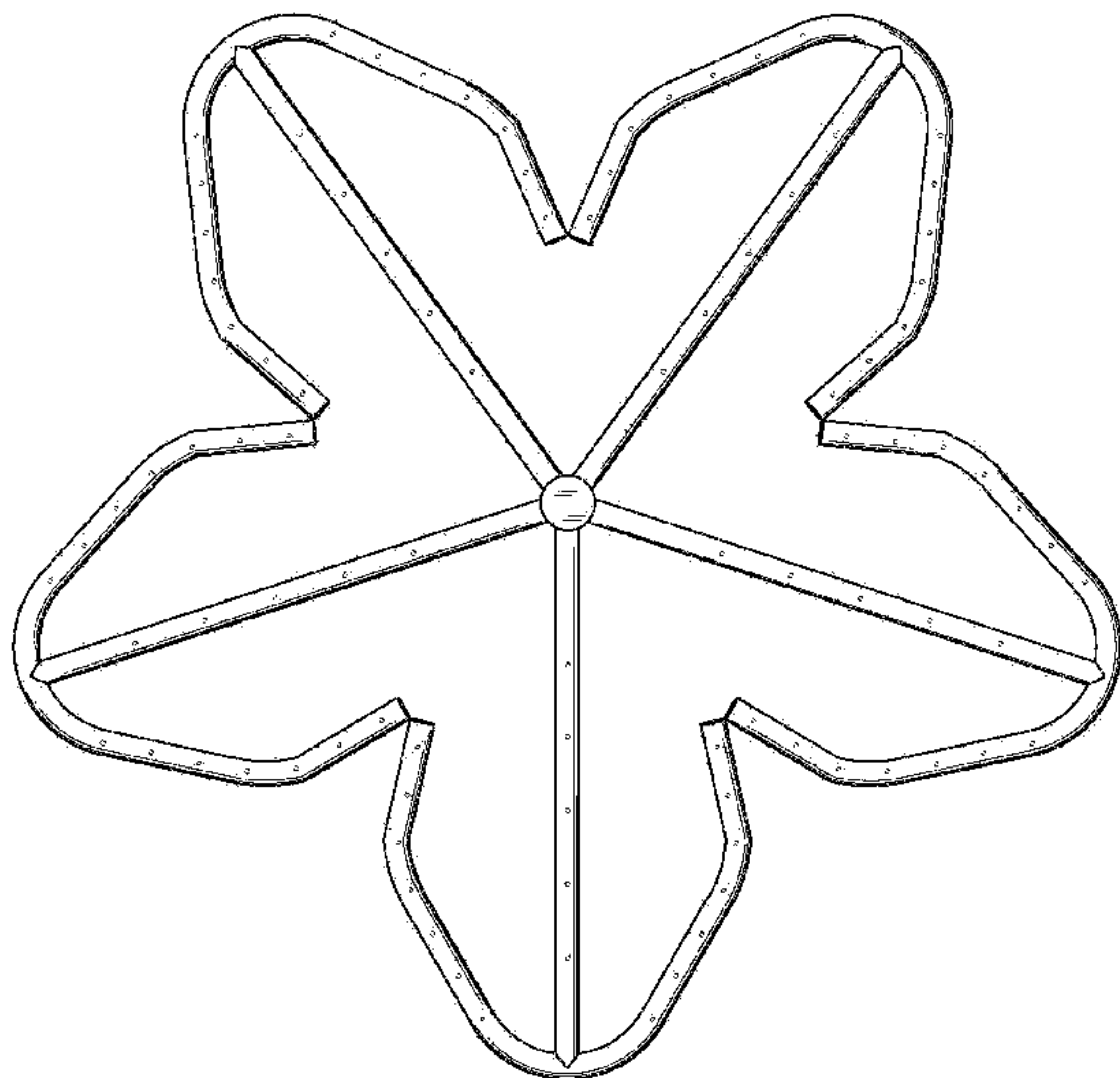
FIG. 10 is a bottom view of the third embodiment;

FIG. 11 is a representative side view of the third embodiment, the other side views being substantially identical by virtue of the embodiment's five-fold rotational symmetry; and,

FIG. 12 is a perspective view of the third embodiment.

For each such figure gas vent holes, where visible, are shown in broken lines for illustrative purposes only, and the pattern, size, and number of such holes form no part of the claimed design.

**1 Claim, 9 Drawing Sheets**



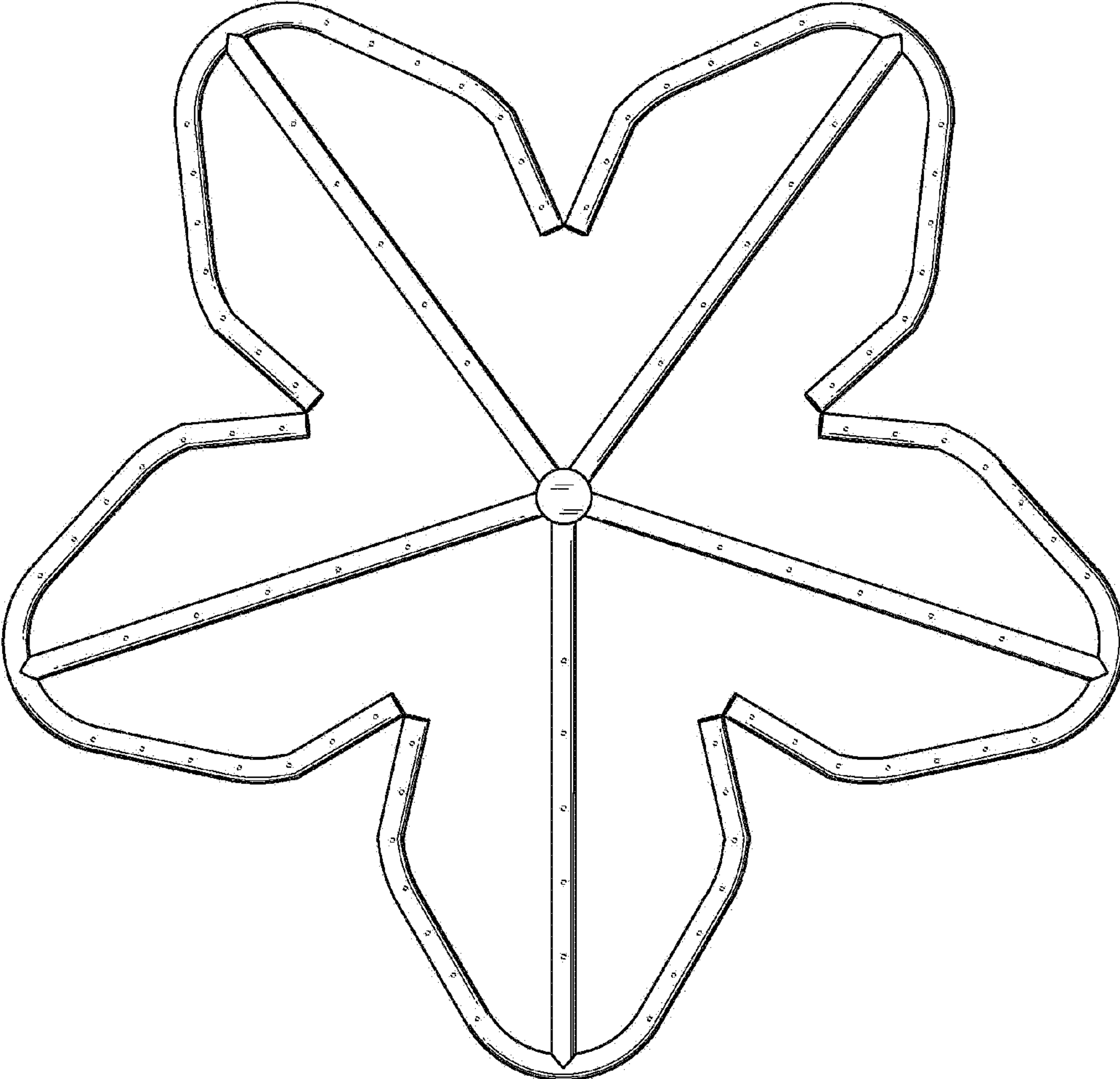


FIG. 1

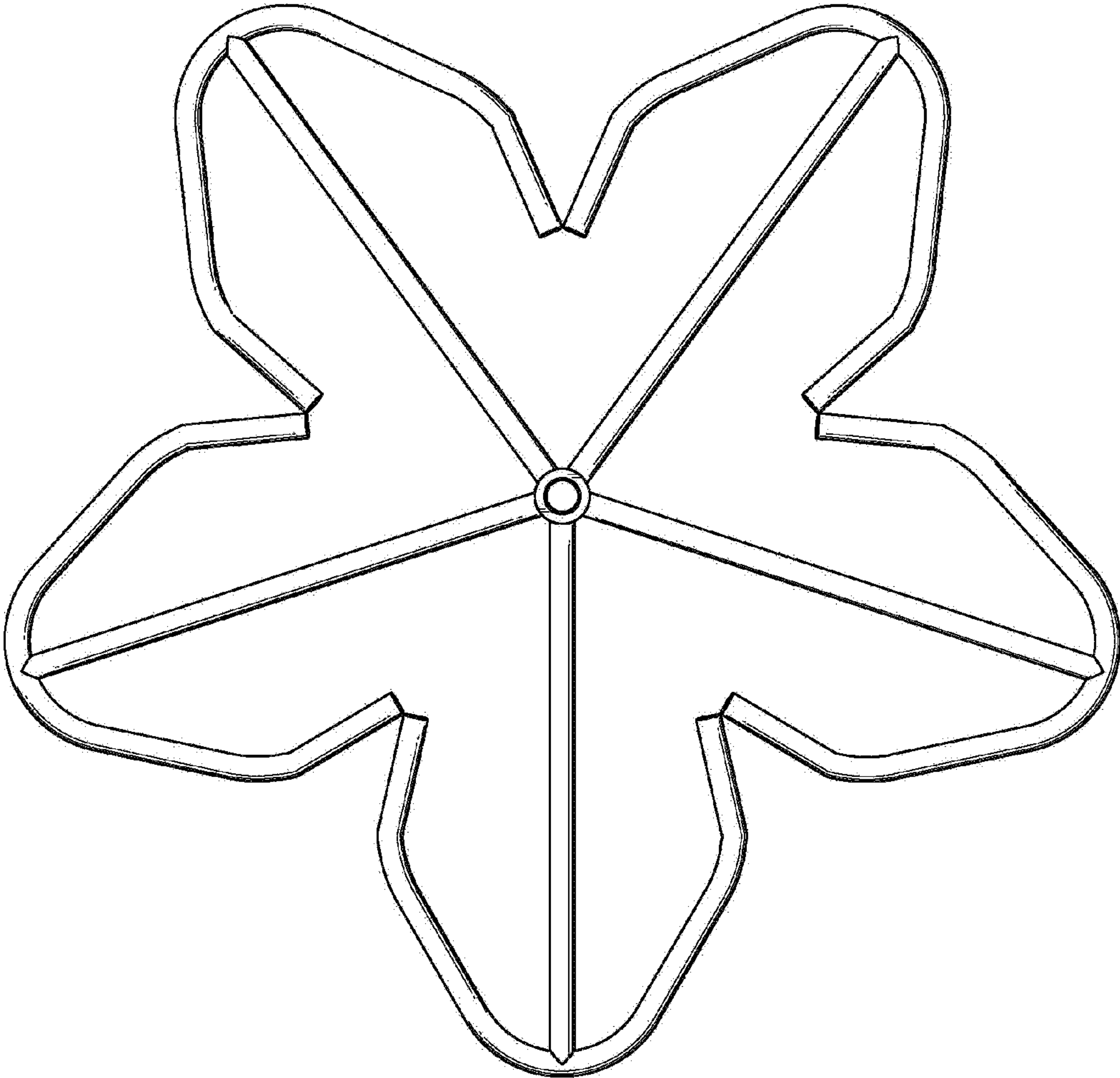


FIG. 2



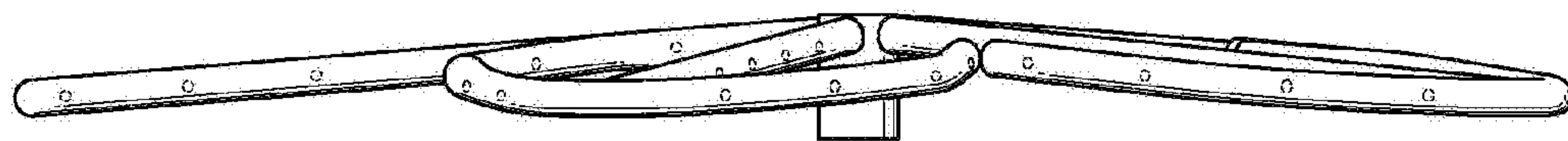


FIG. 3

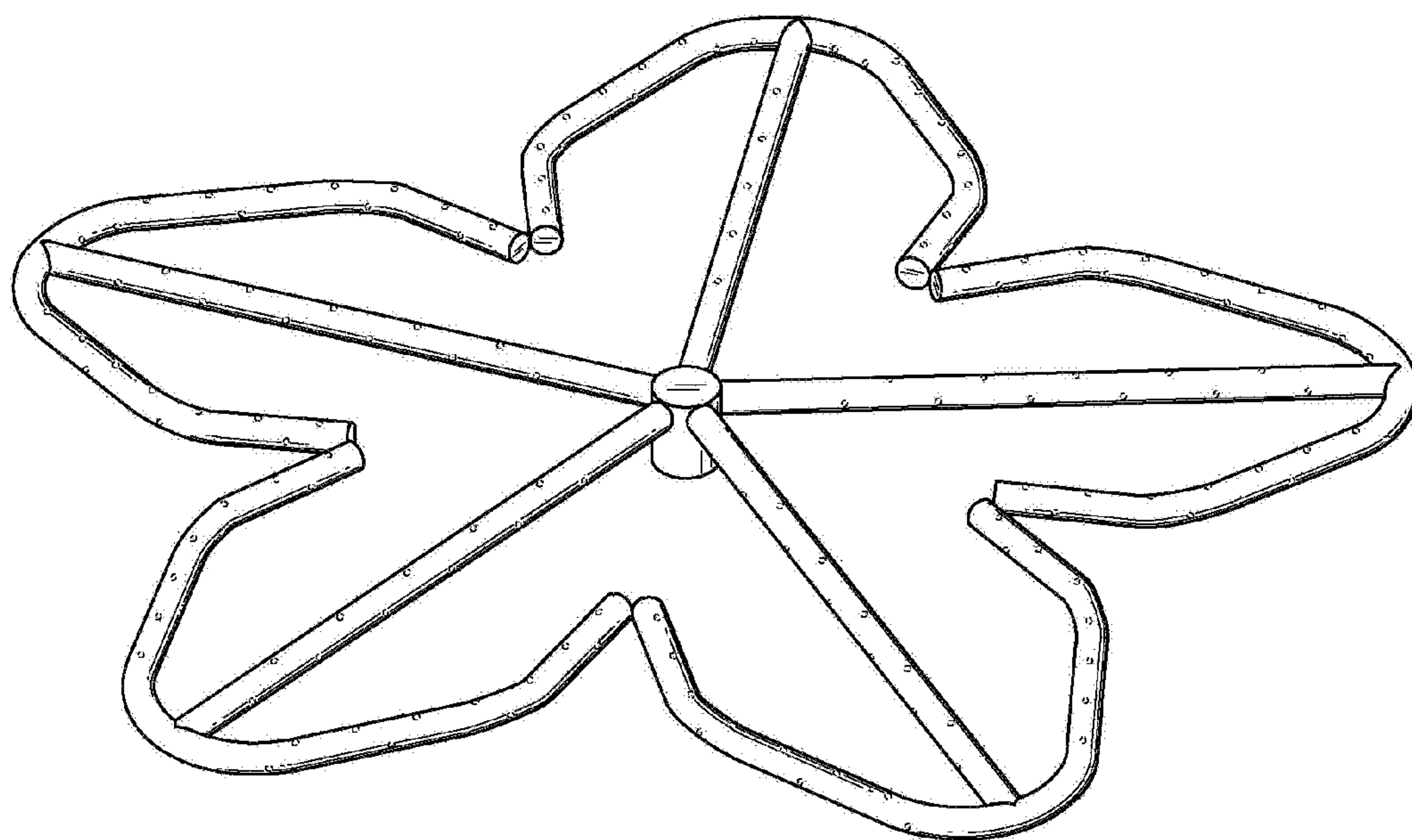


FIG. 4

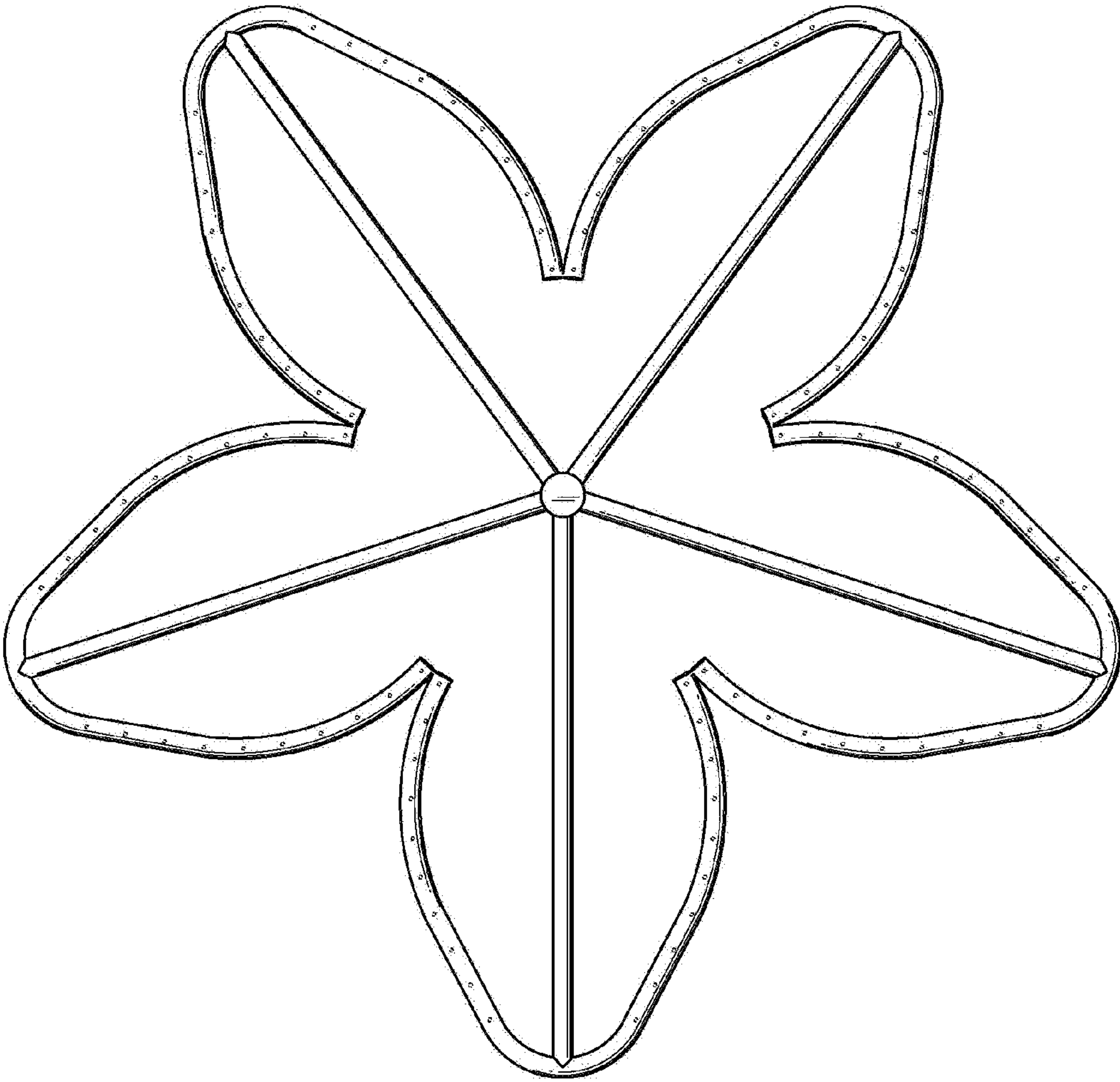


FIG. 5

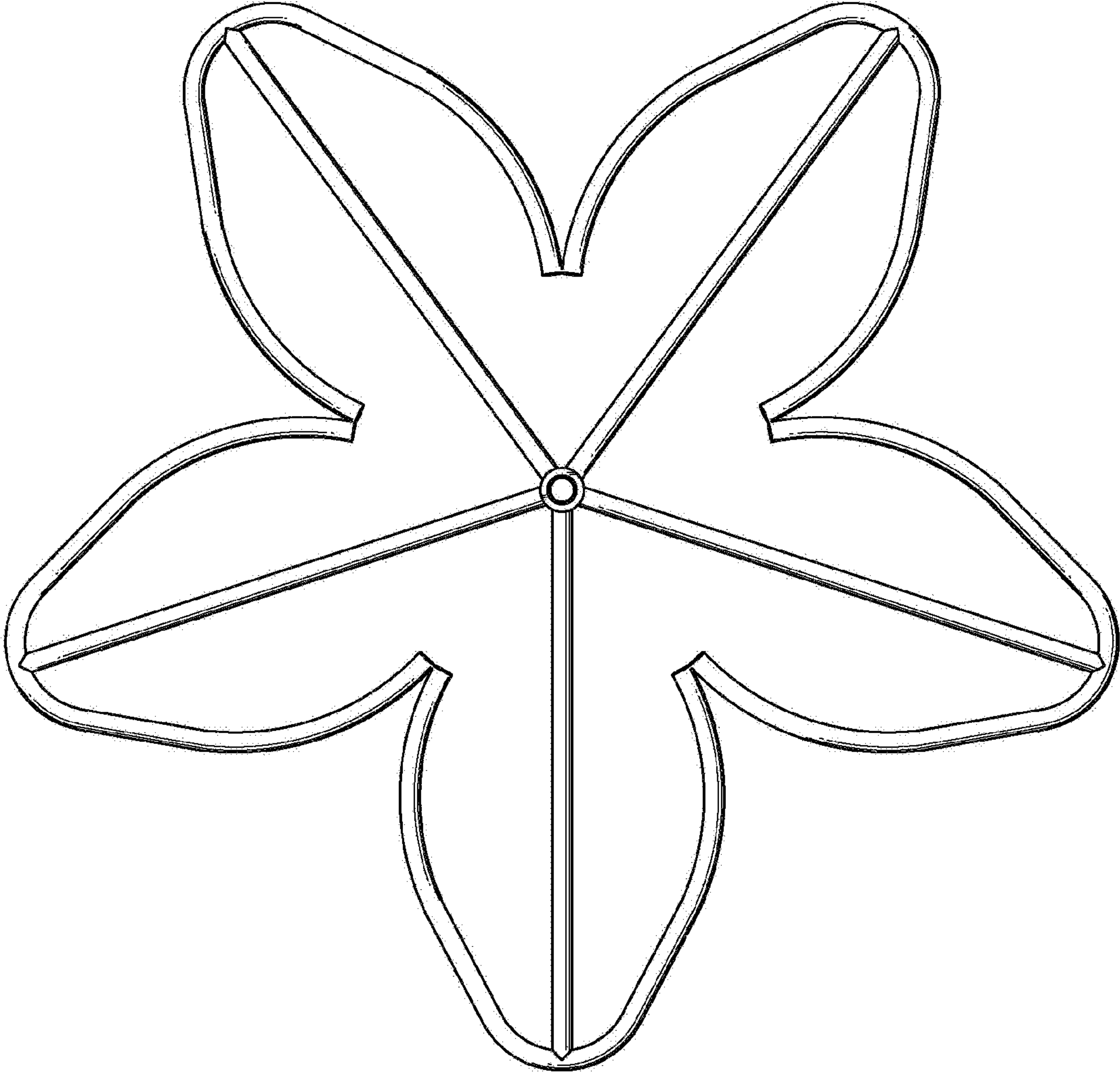


FIG. 6



FIG. 7

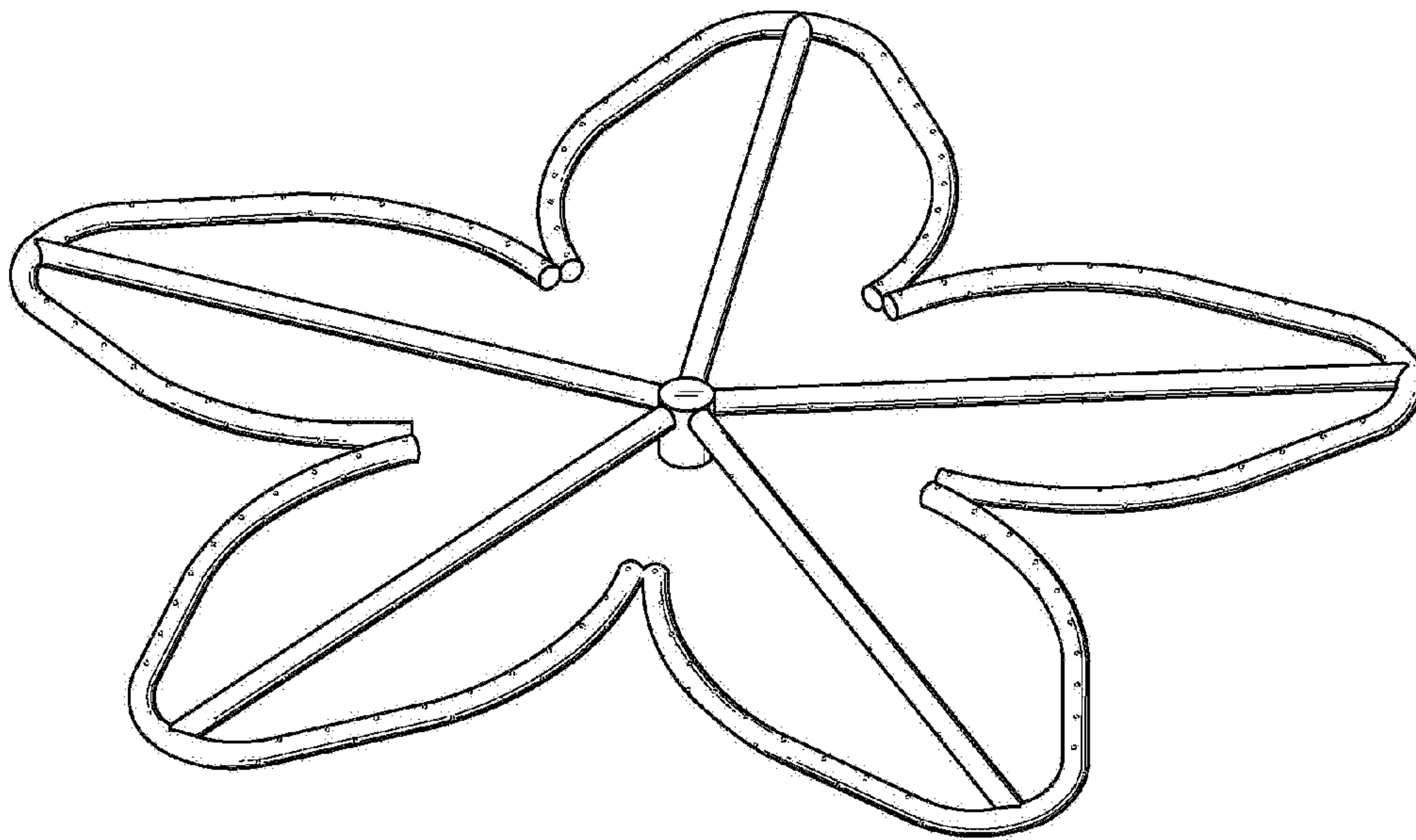


FIG. 8

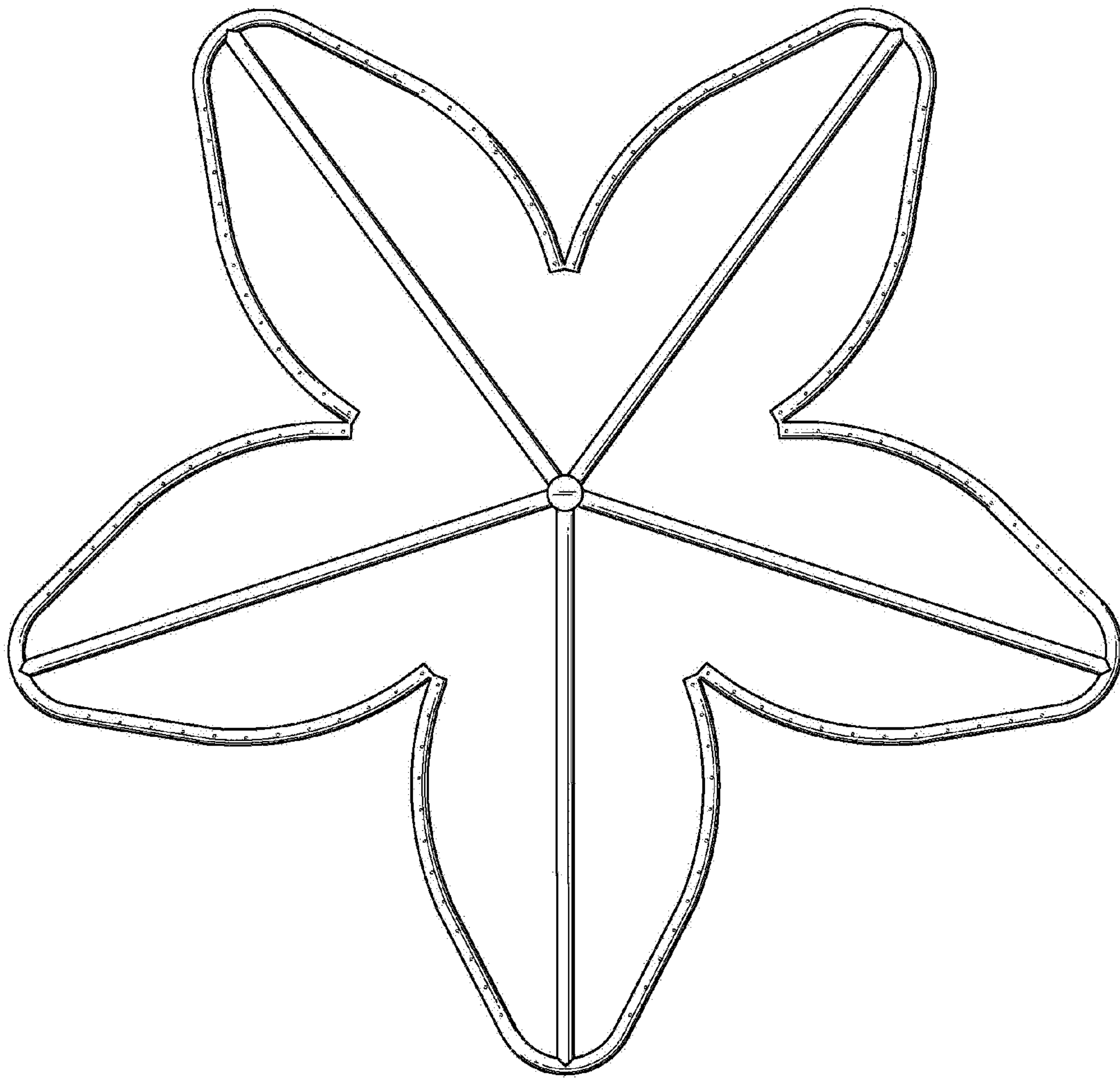


FIG. 9



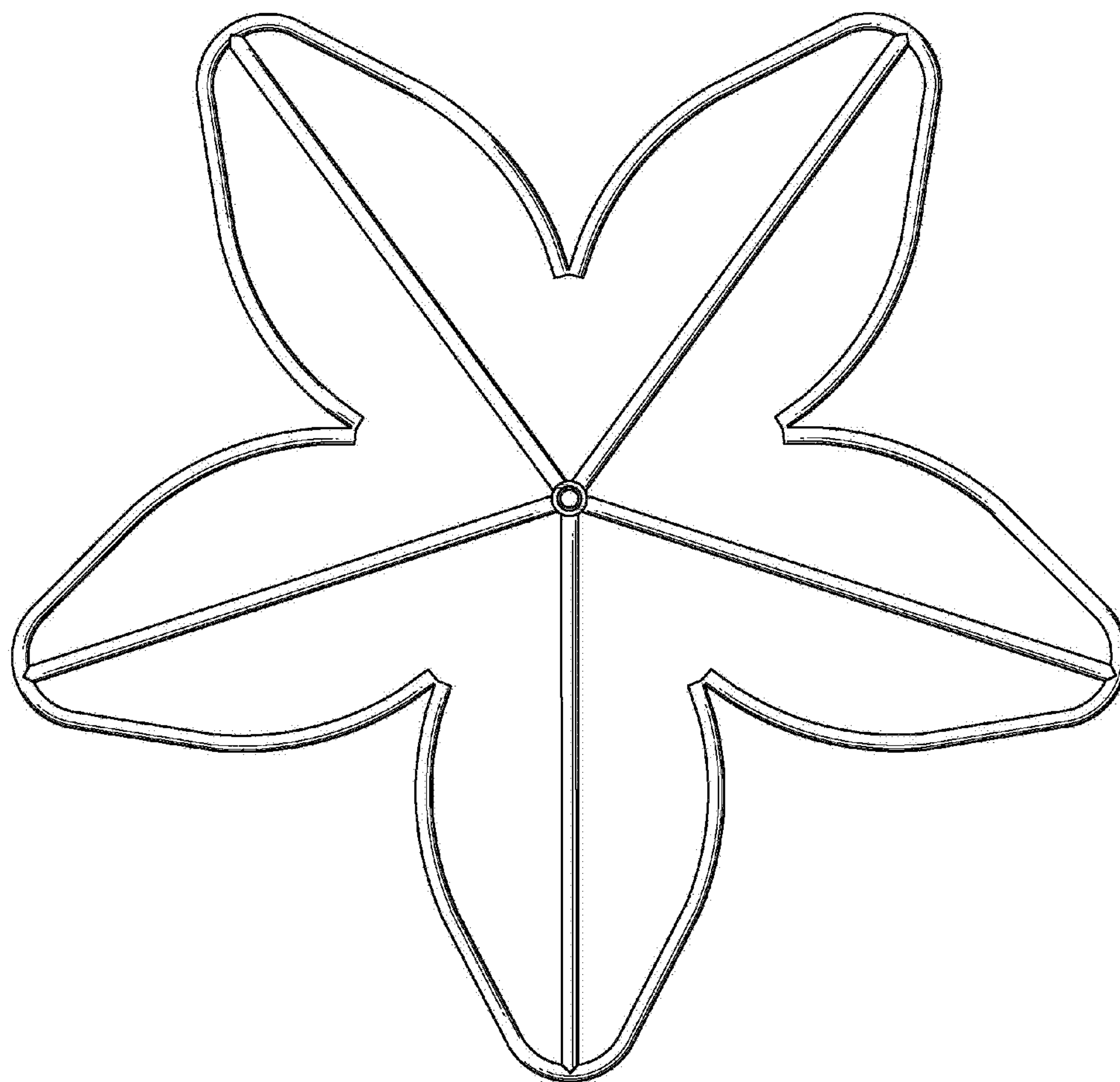


FIG. 10

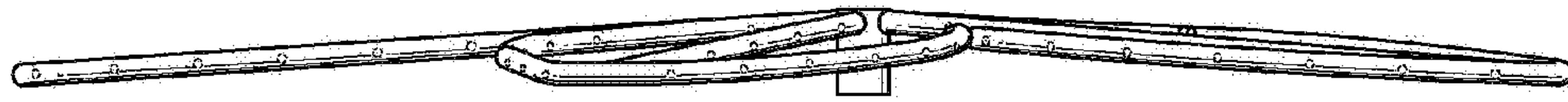


FIG. 11

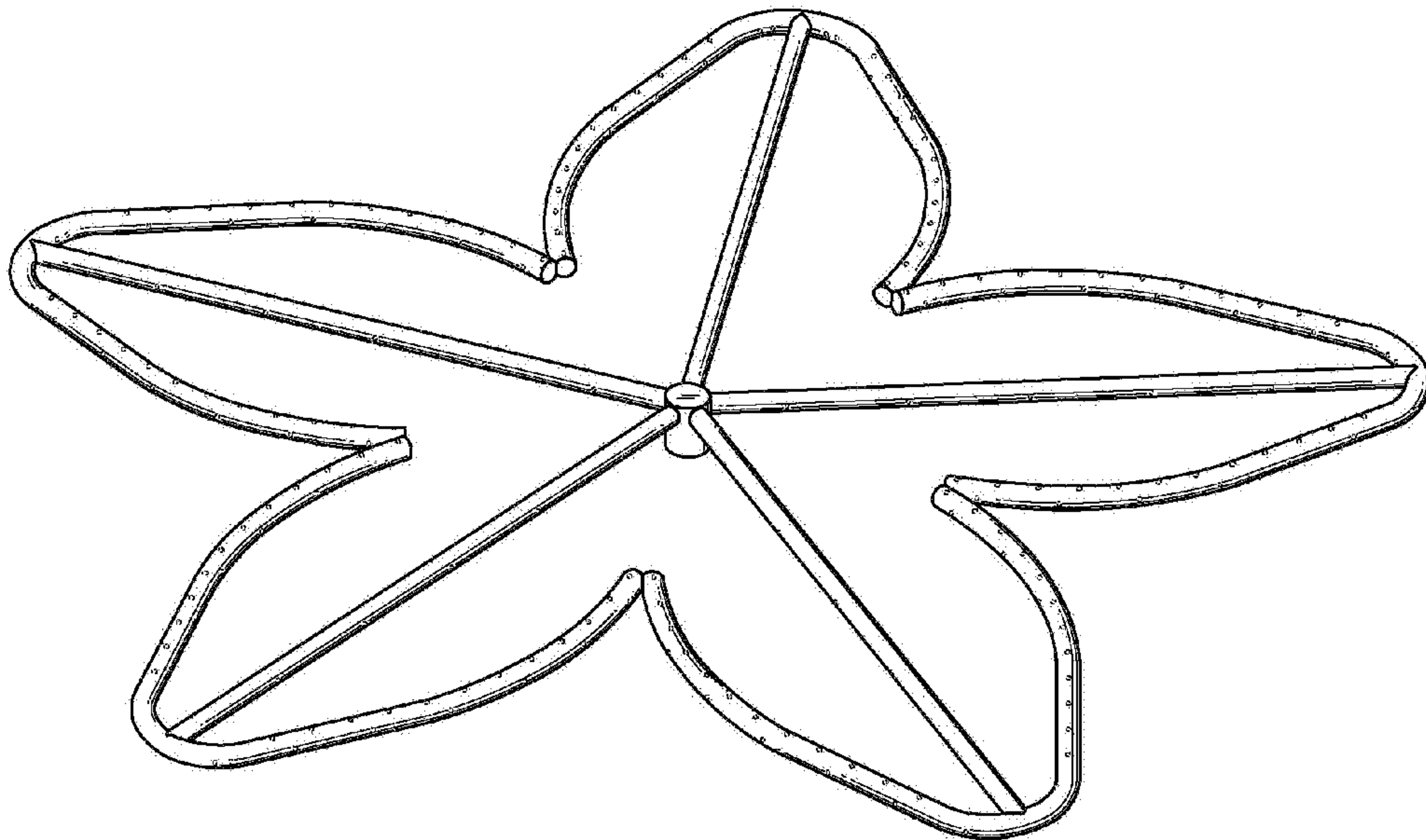


FIG. 12