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(12) **United States Design Patent** (10) **Patent No.:** **US D838,423 S**  
**Troger** (45) **Date of Patent:** **\*\* Jan. 15, 2019**

(54) **HOUSEHOLD WASHER**

**OTHER PUBLICATIONS**

(71) Applicant: **Carl Freudenberg KG**, Weinheim (DE)

AmazonSmile: O-Cedar 3D Smart Mop Refill, review Jan. 2016, [https://smile.amazon.com/O-Cedar-3D-Smart-Mop-Refill/dp/B00UB5XRWW/ref=sr\\_1...](https://smile.amazon.com/O-Cedar-3D-Smart-Mop-Refill/dp/B00UB5XRWW/ref=sr_1...) site visited Dec. 19, 2017.\*

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(\*\*) Term: **15 Years**

(57) **CLAIM**

(21) Appl. No.: **29/576,894**

The ornamental design for a household washer, as shown and described.

(22) Filed: **Sep. 8, 2016**

**DESCRIPTION**

(30) **Foreign Application Priority Data**

Mar. 9, 2016 (EM) ..... 003020908

(51) **LOC (11) Cl.** ..... **07-05**

(52) **U.S. Cl.**  
USPC ..... **D32/50**

(58) **Field of Classification Search**  
USPC ..... D32/40, 43; D6/613, 601-603, 582-583  
CPC ..... A47L 11/282; A47L 13/20; A47L 13/16;  
A47K 7/02

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

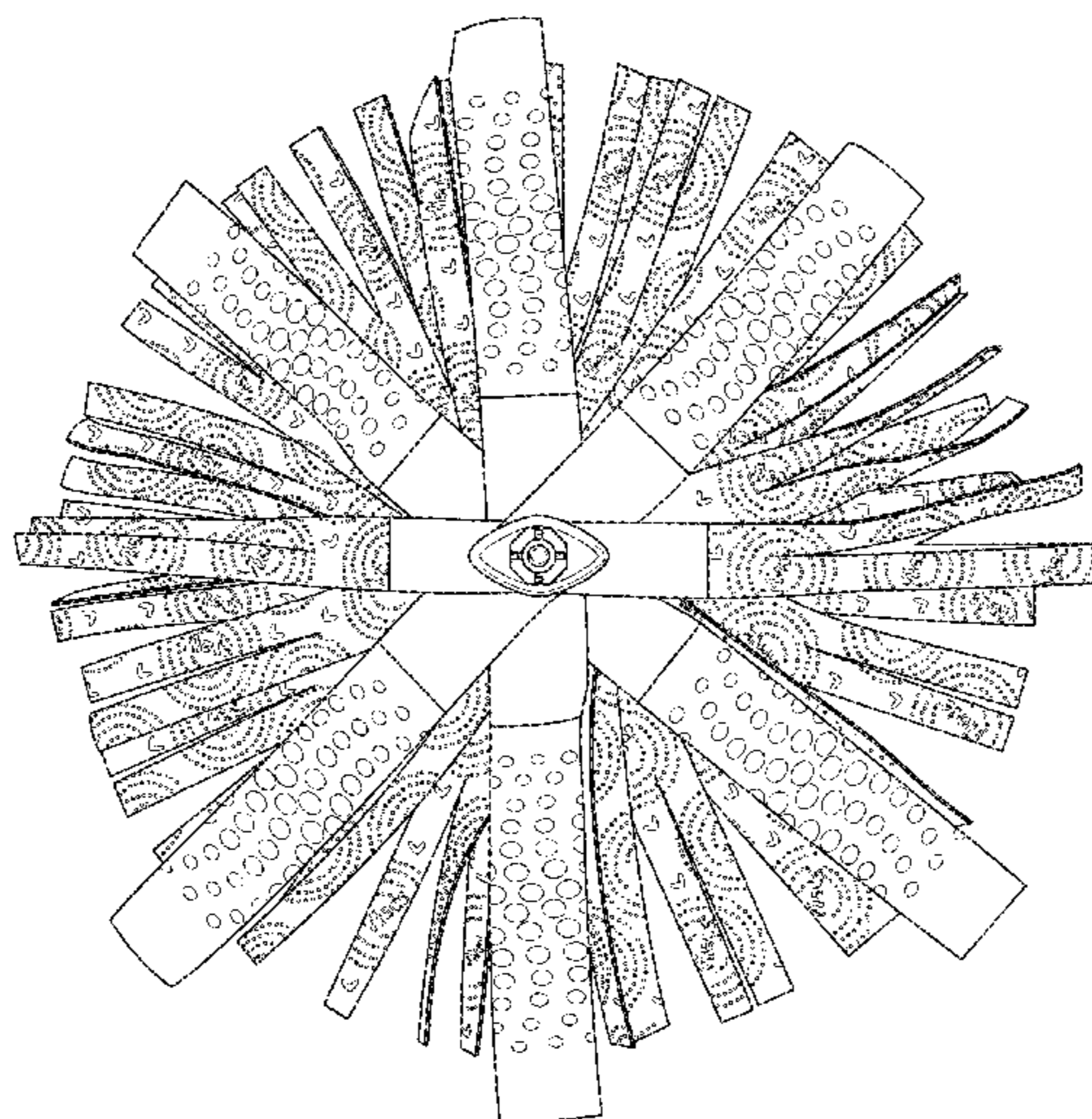
390,723 A \* 10/1888 Thorpe ..... A47L 1/09  
15/209.1  
1,398,245 A \* 11/1921 Toplitz ..... A47L 13/20  
15/229.1  
1,406,248 A \* 2/1922 Tucker ..... A47L 13/20  
15/229.1

(Continued)

**FOREIGN PATENT DOCUMENTS**

EM 003020908-0002 \* 3/2016

**1 Claim, 20 Drawing Sheets**



(56)

**References Cited**

## U.S. PATENT DOCUMENTS

1,406,966 A \* 2/1922 Bienstock ..... A47L 13/20  
15/229.1  
3,336,618 A \* 8/1967 Day ..... A47L 13/20  
15/229.11  
3,613,145 A \* 10/1971 Kneusels ..... B24D 13/045  
15/230.15  
D425,276 S \* 5/2000 George ..... D32/40  
D445,979 S \* 7/2001 Webster ..... D32/40  
D736,206 S \* 8/2015 Michels ..... D14/365  
D746,528 S \* 12/2015 Lentine ..... D32/40  
9,427,130 B2 \* 8/2016 Gibis ..... A47L 13/20  
D770,119 S \* 10/2016 Troger ..... D32/50  
D770,714 S \* 11/2016 Troger ..... D32/50  
D773,767 S \* 12/2016 Troger ..... D32/50  
D782,141 S \* 3/2017 Troger ..... D32/50  
D782,142 S \* 3/2017 Troger ..... D32/50  
D800,404 S \* 10/2017 Kawasaki ..... D32/43  
2011/0041274 A1 \* 2/2011 Ogale ..... A47L 13/16  
15/209.1  
2011/0173767 A1 \* 7/2011 Maranghi ..... A47L 13/20  
15/229.2  
2013/0283558 A1 \* 10/2013 Gibis ..... A47L 13/20  
15/229.1  
2016/0083874 A1 \* 3/2016 Huang ..... A47L 13/20  
15/228  
2016/0324387 A1 \* 11/2016 Mangano ..... A47L 13/24

\* cited by examiner

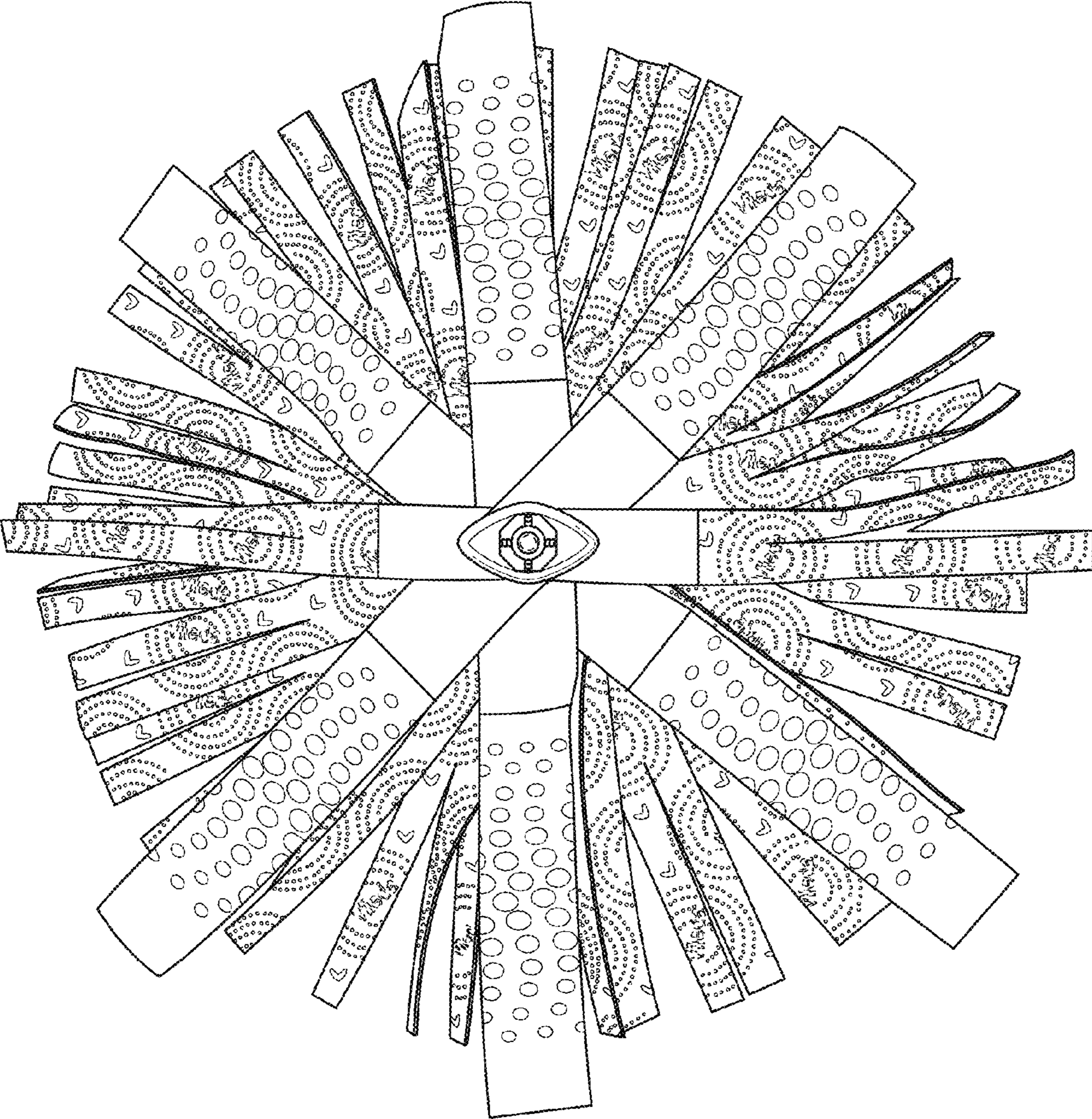


FIG. 1

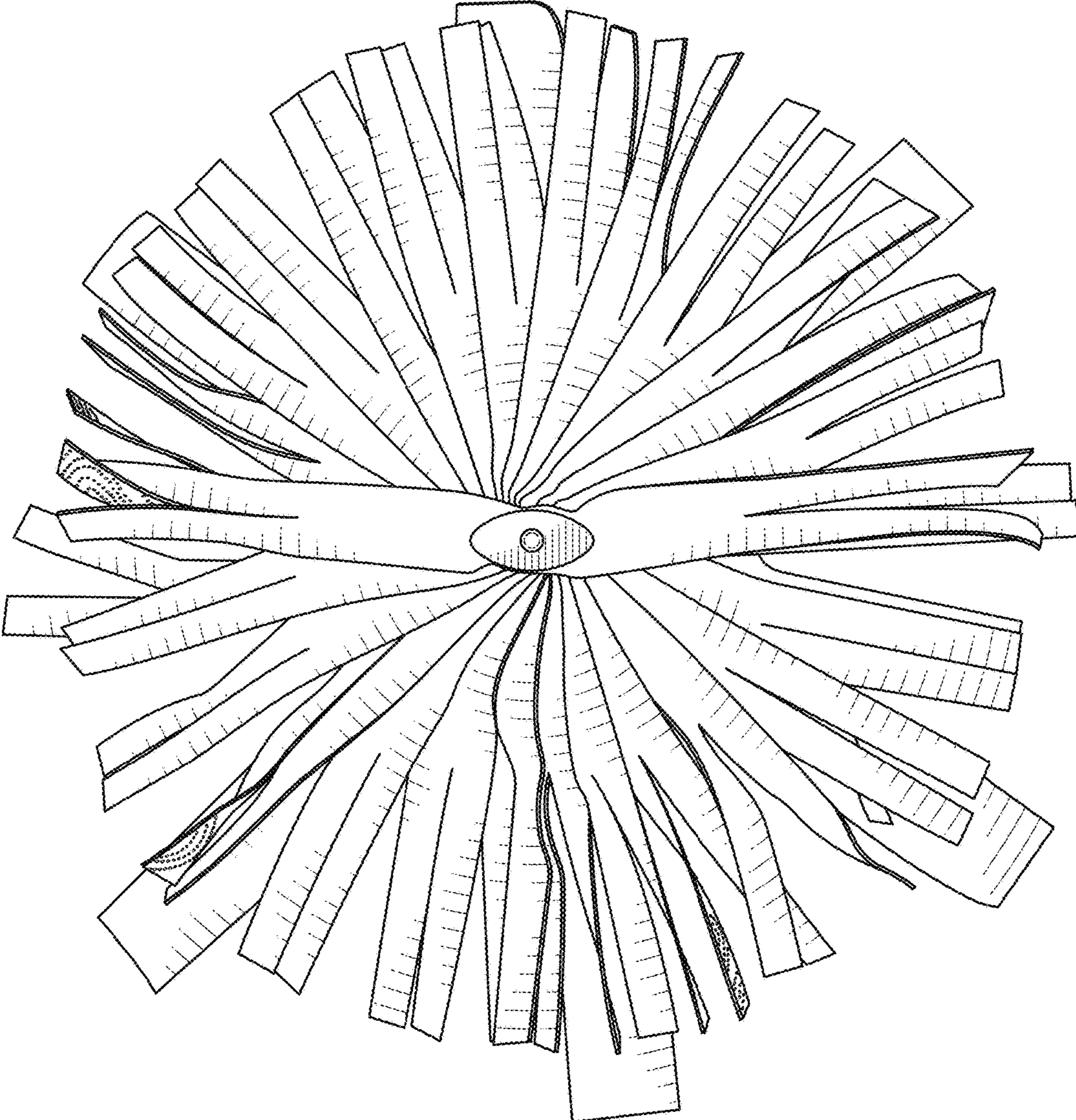


FIG. 2

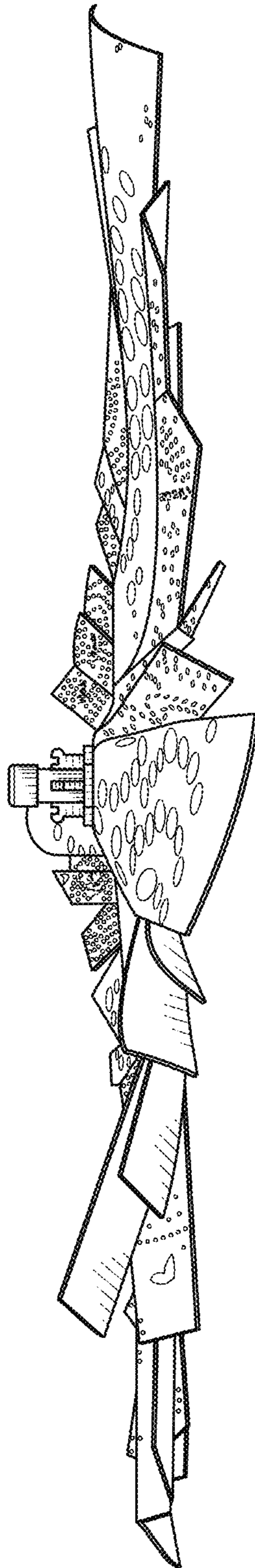


FIG. 3

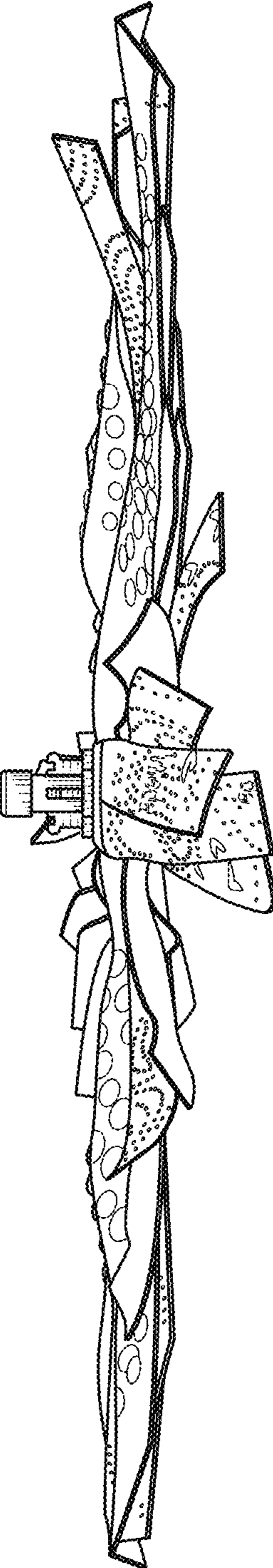


FIG. 4

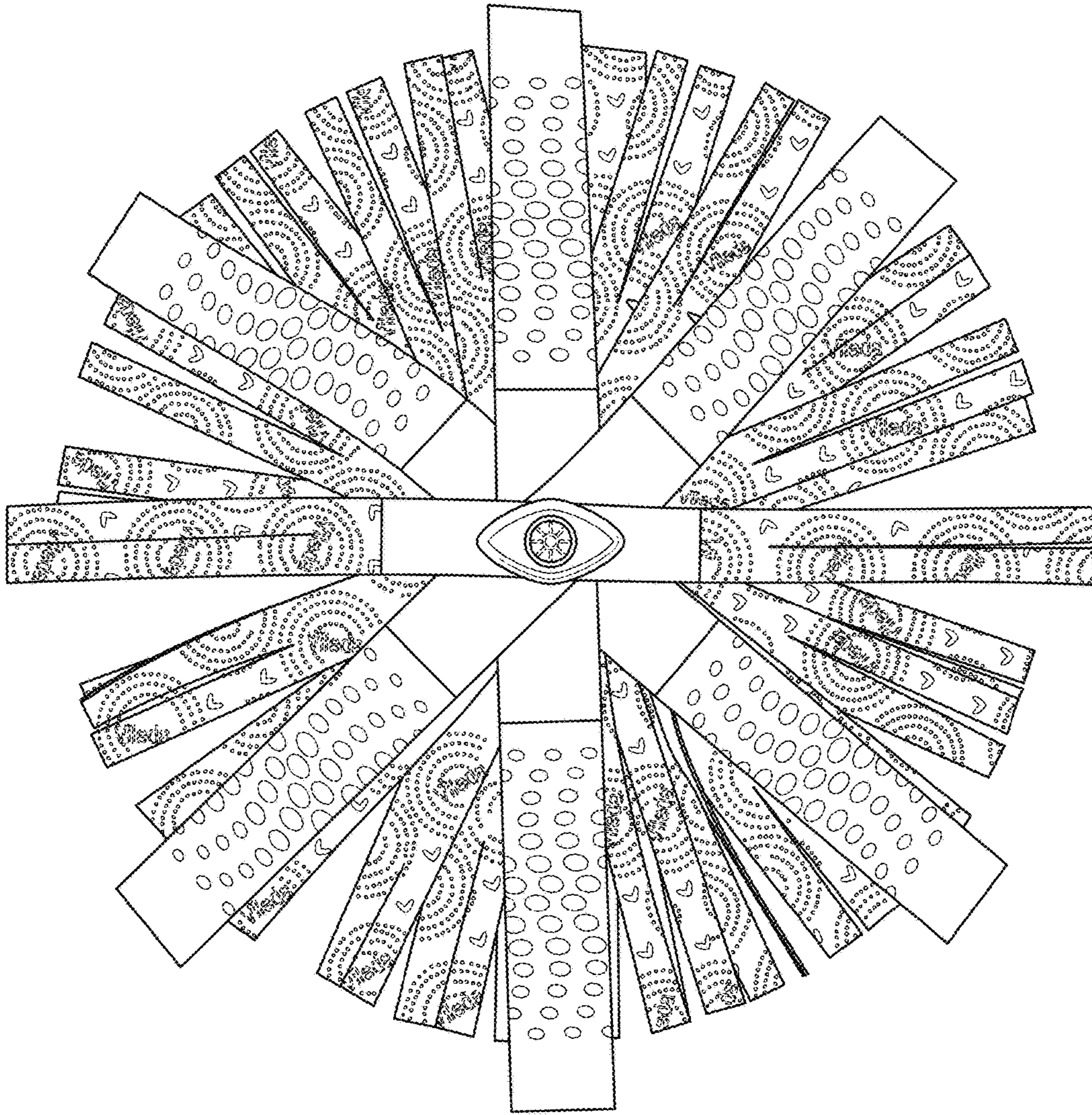


FIG. 5

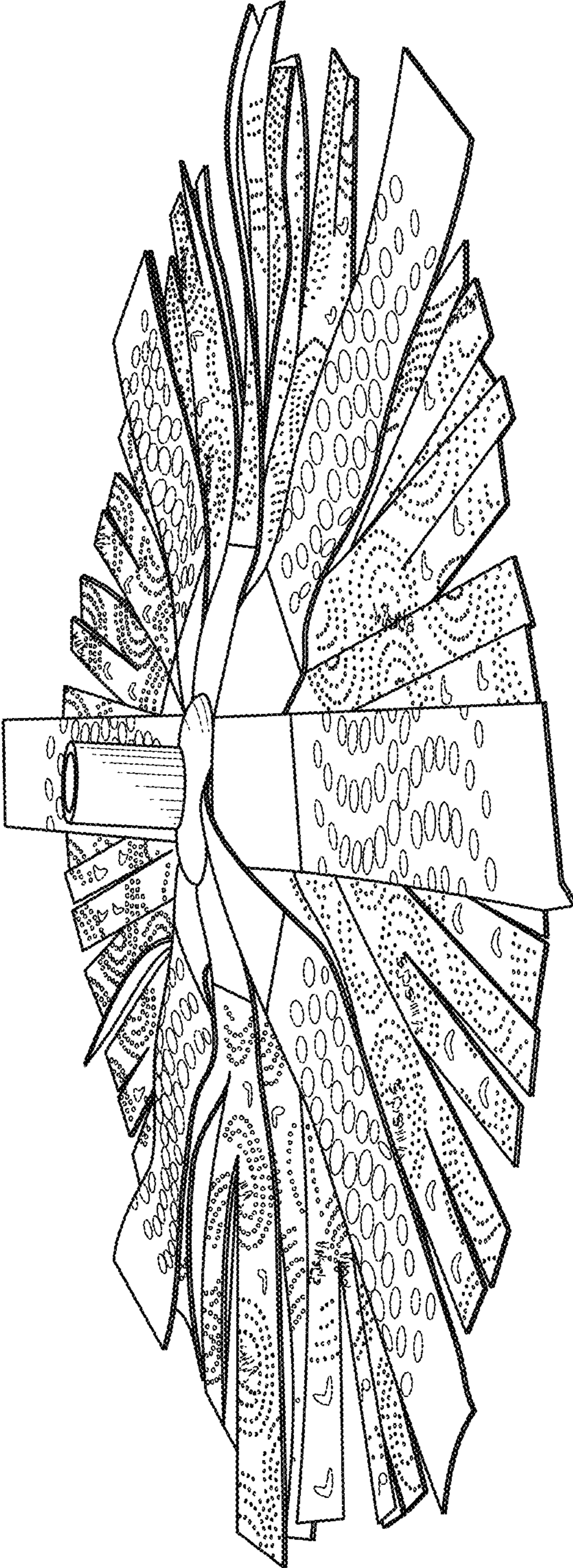


FIG. 6



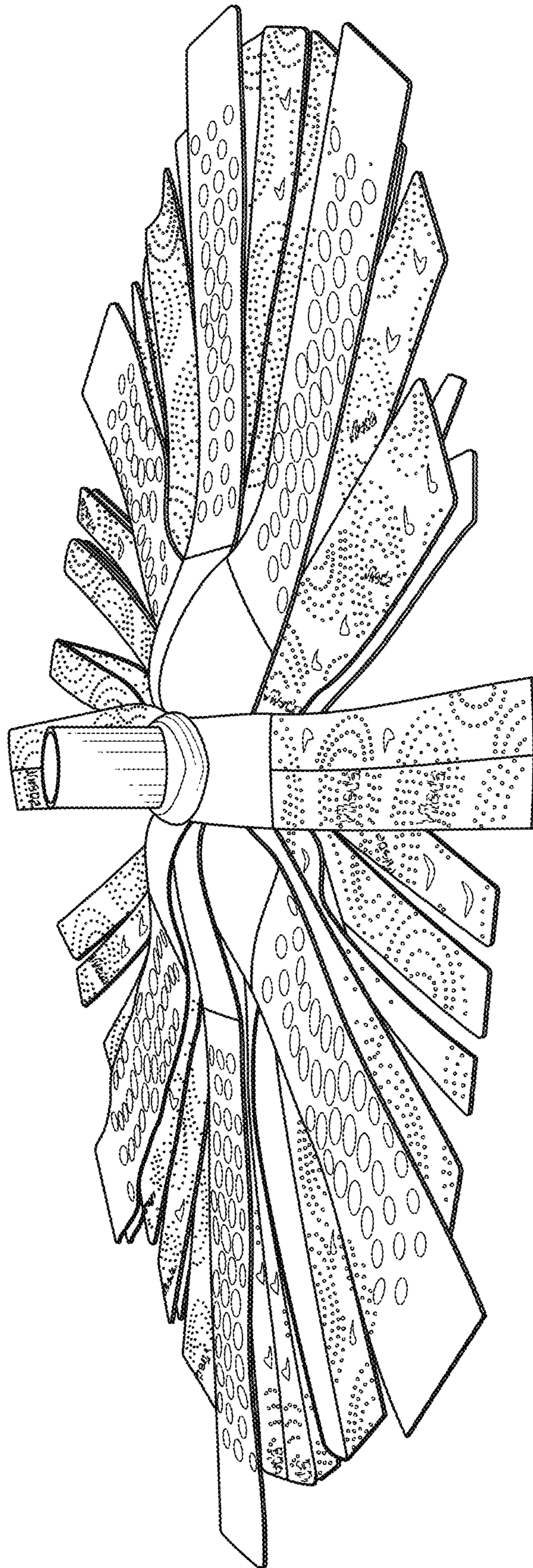


FIG. 7

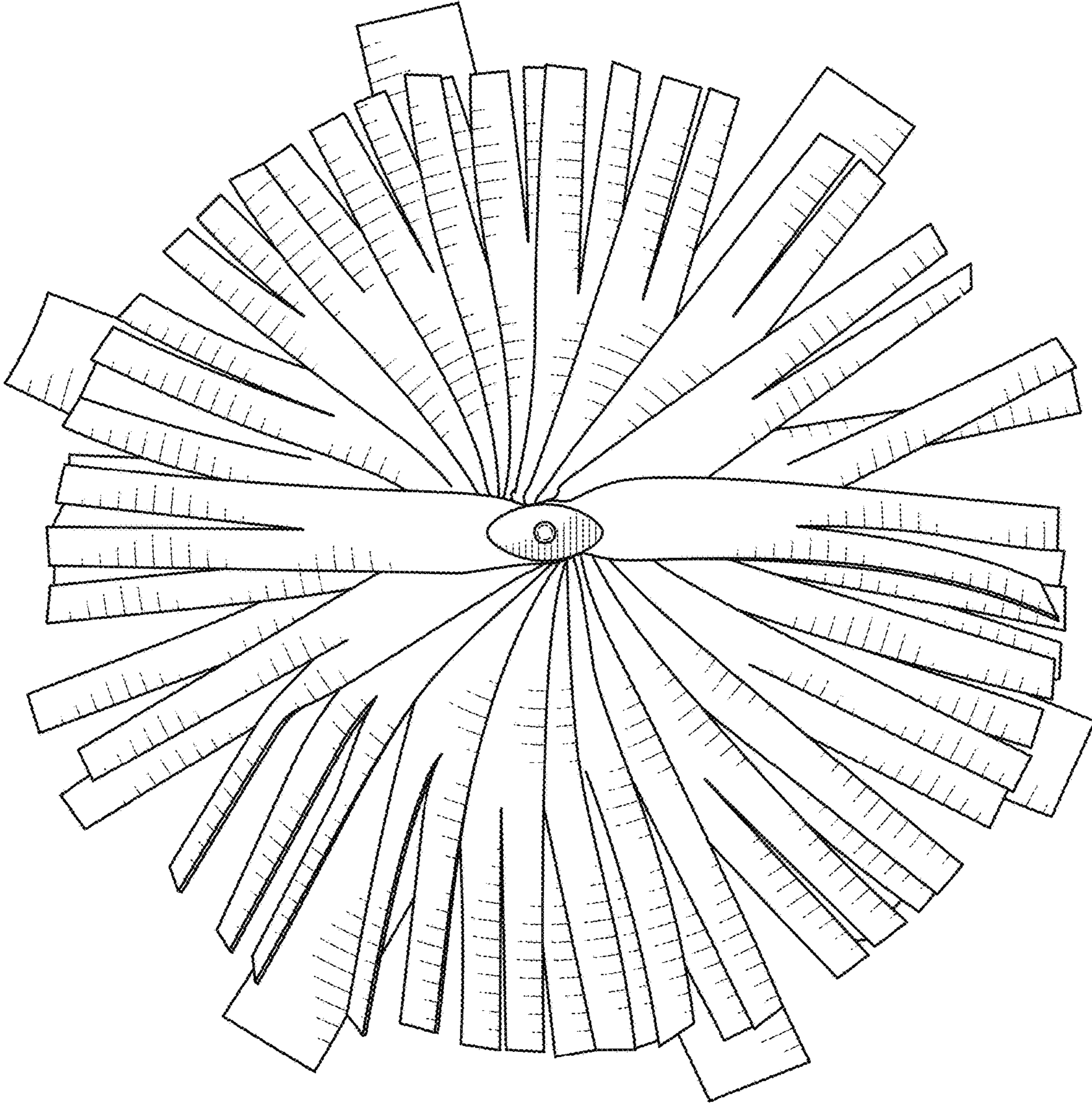


FIG. 8

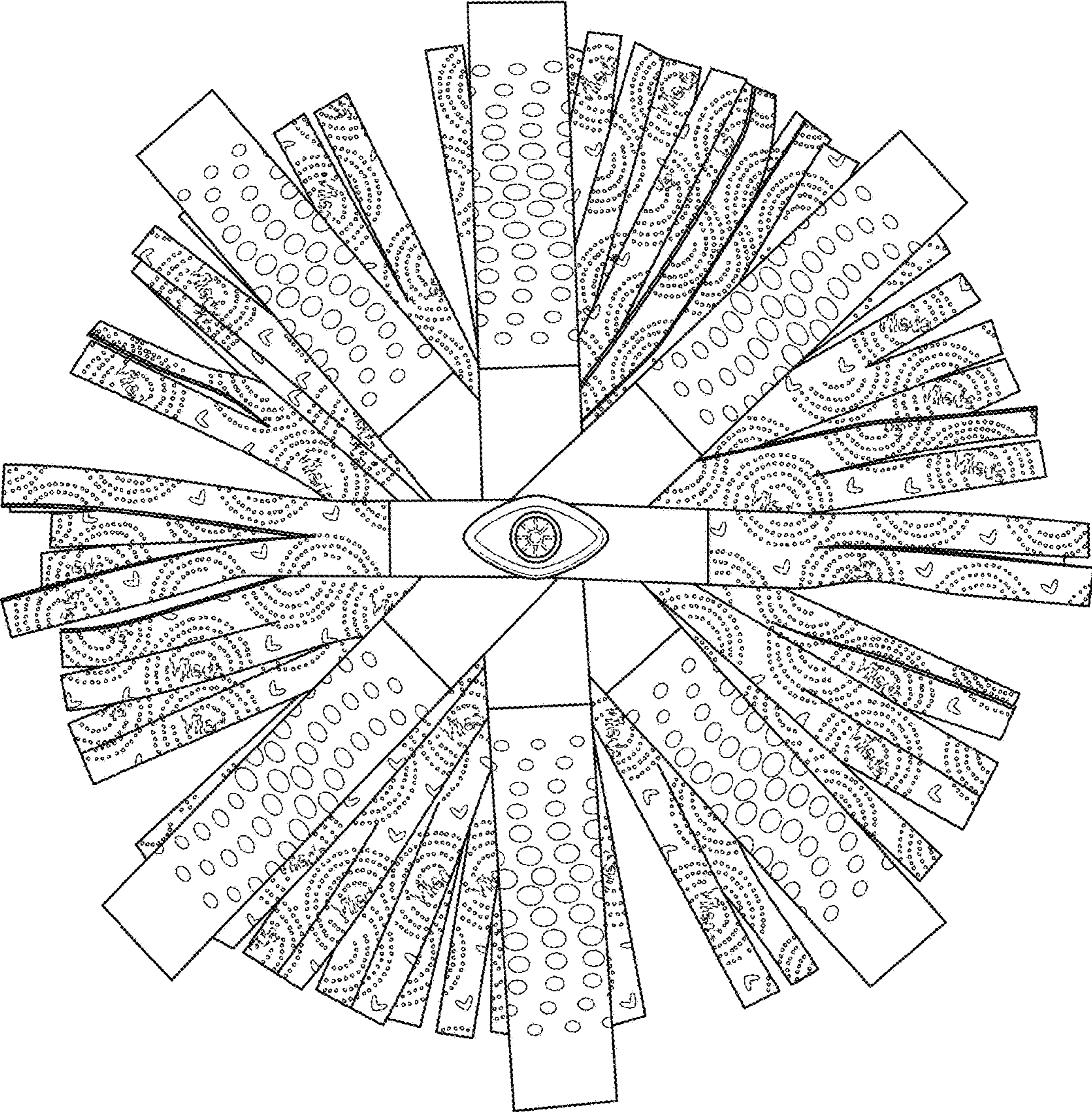


FIG. 9

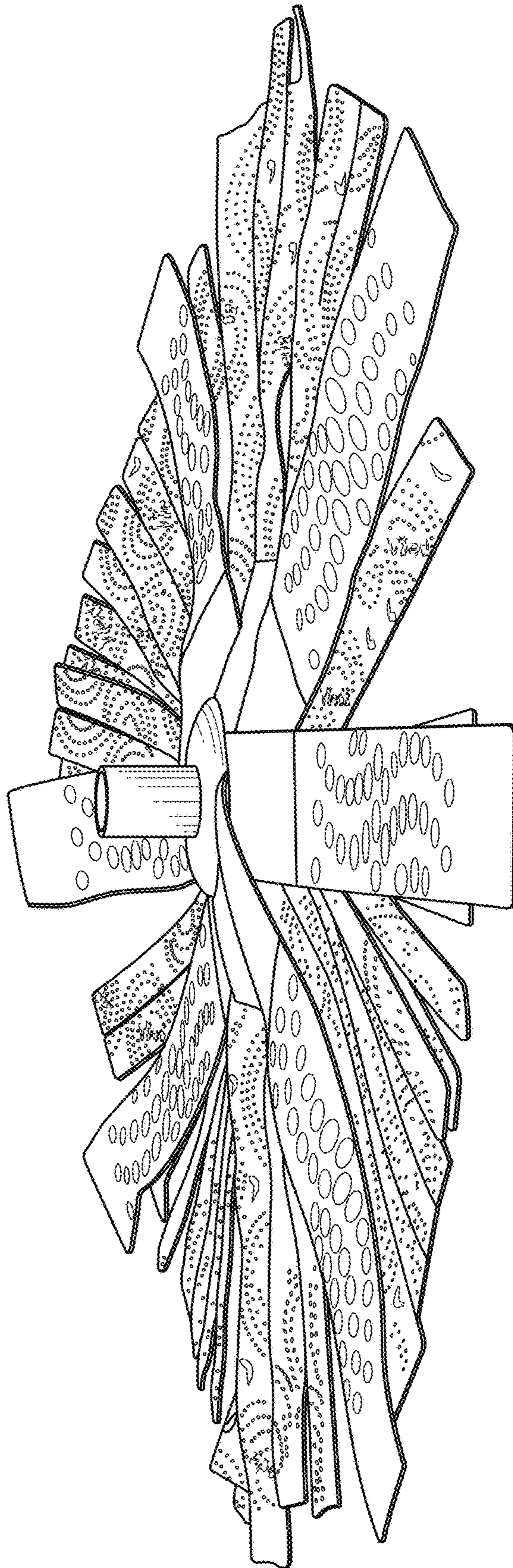


FIG. 10

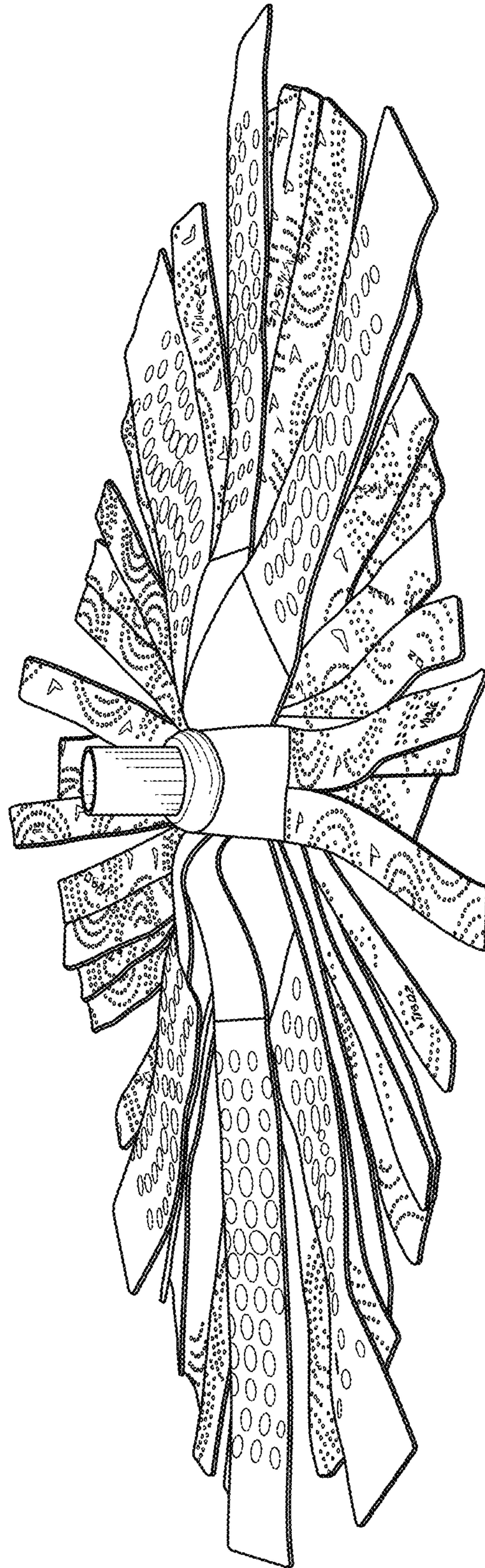


FIG. 11

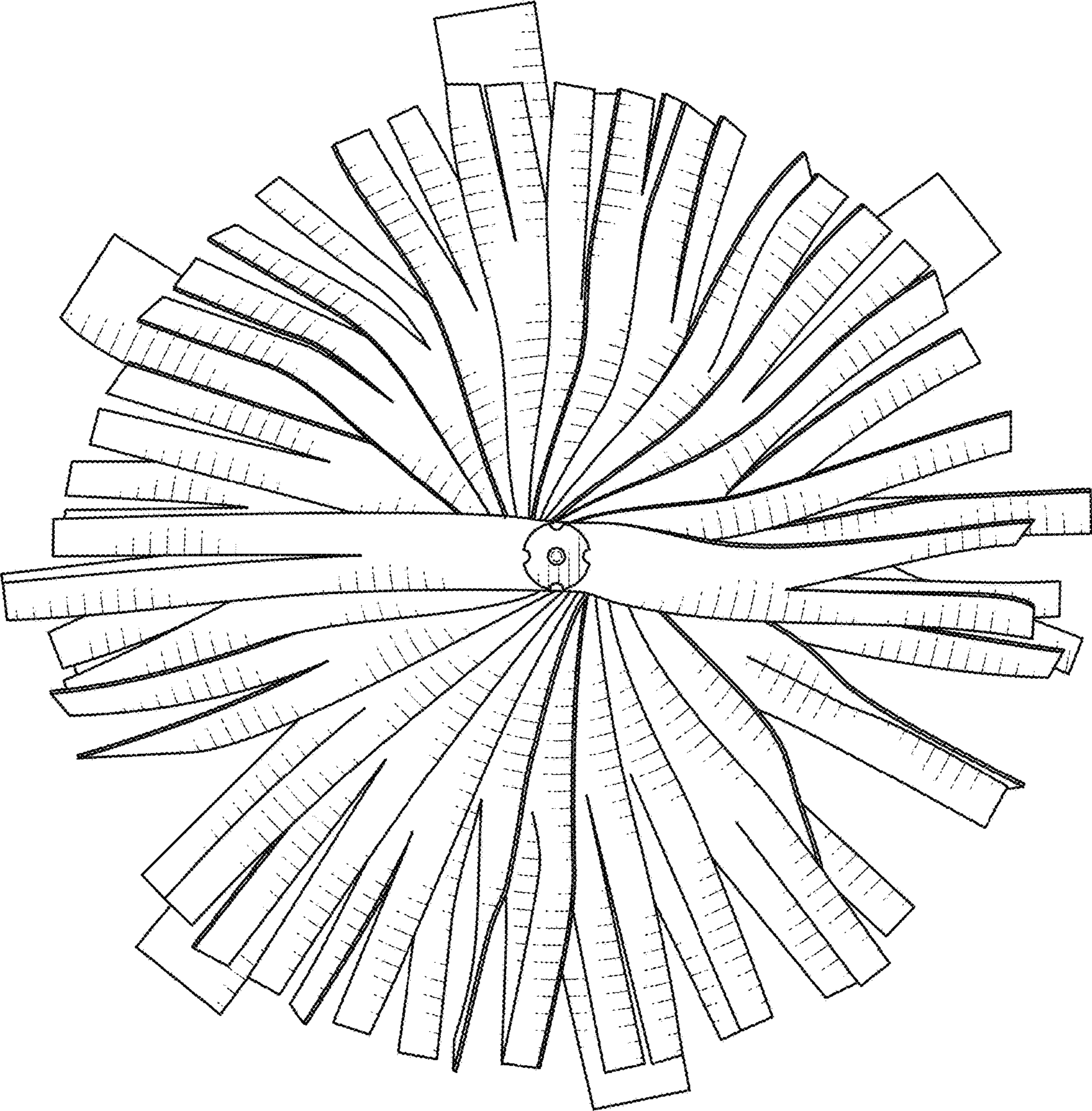


FIG. 12

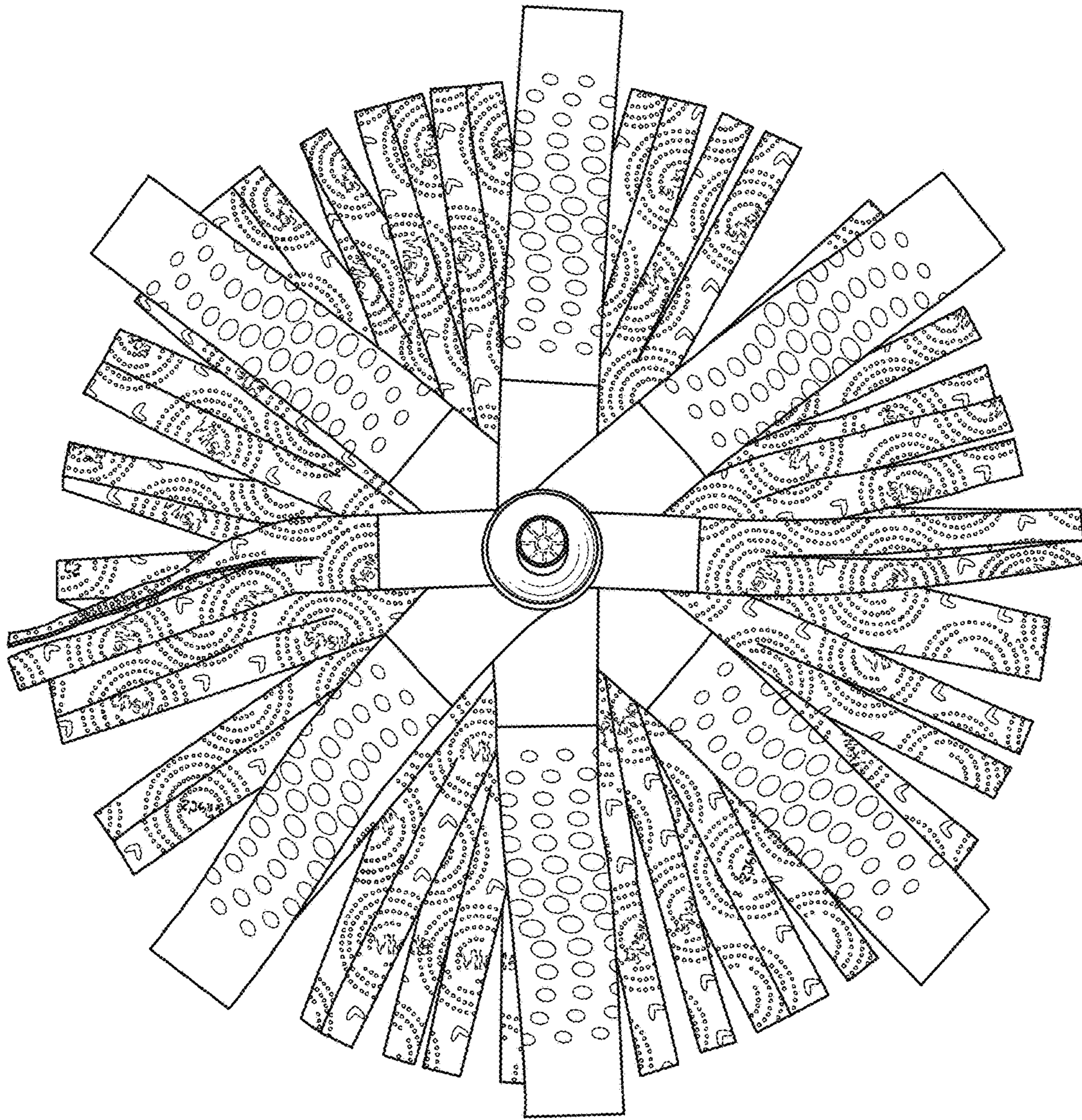


FIG. 13

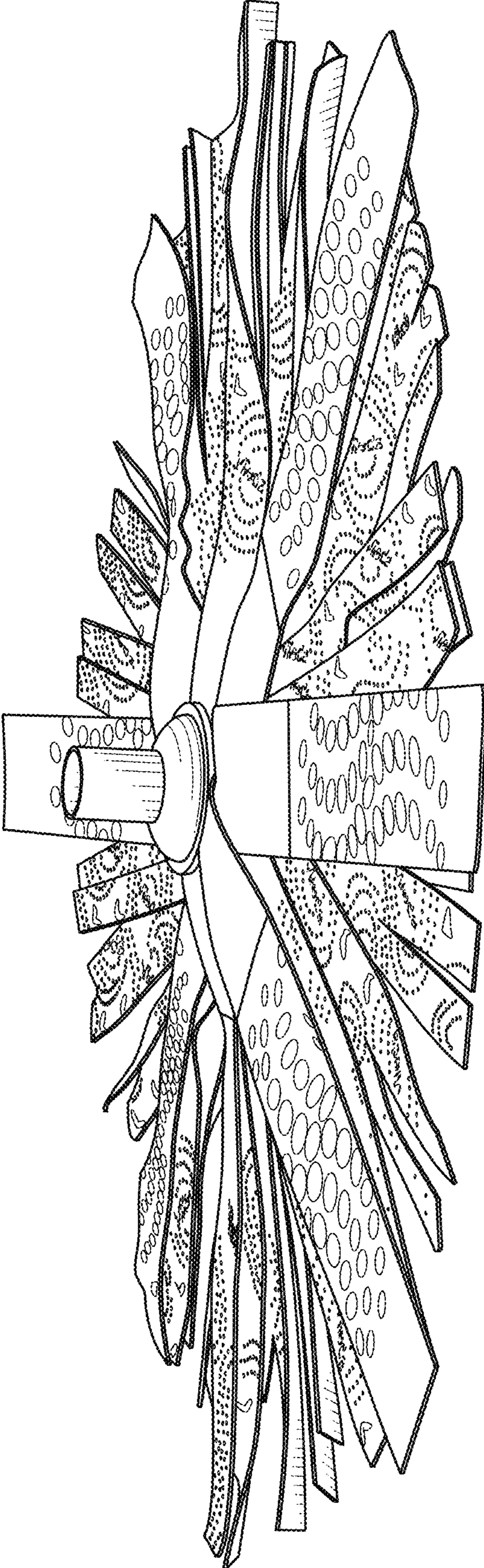


FIG. 14



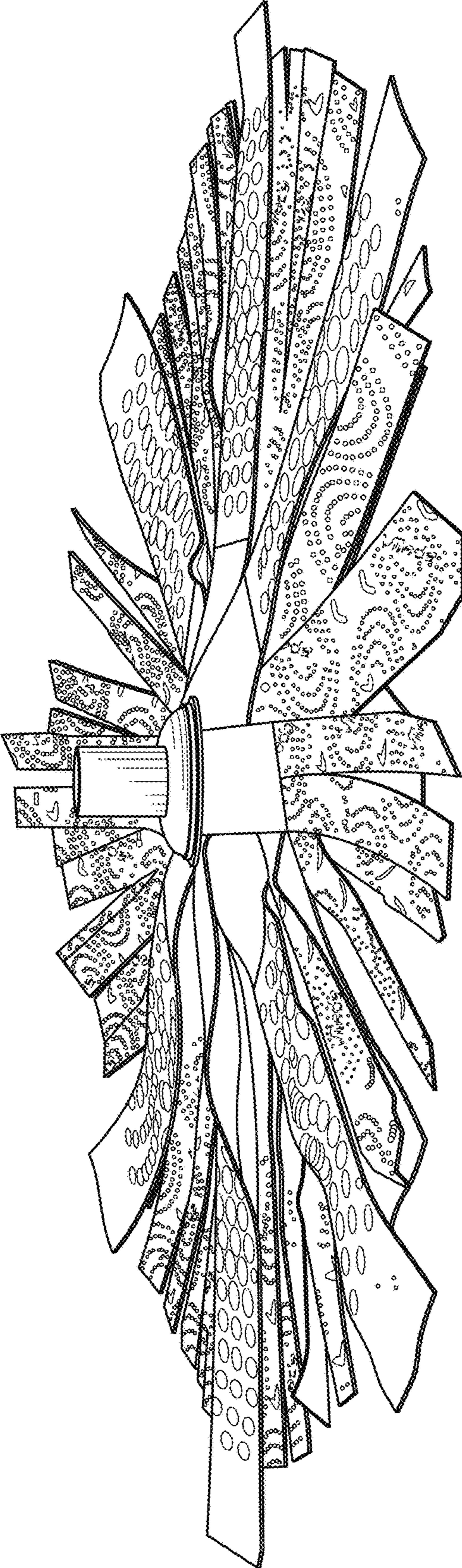


FIG. 15

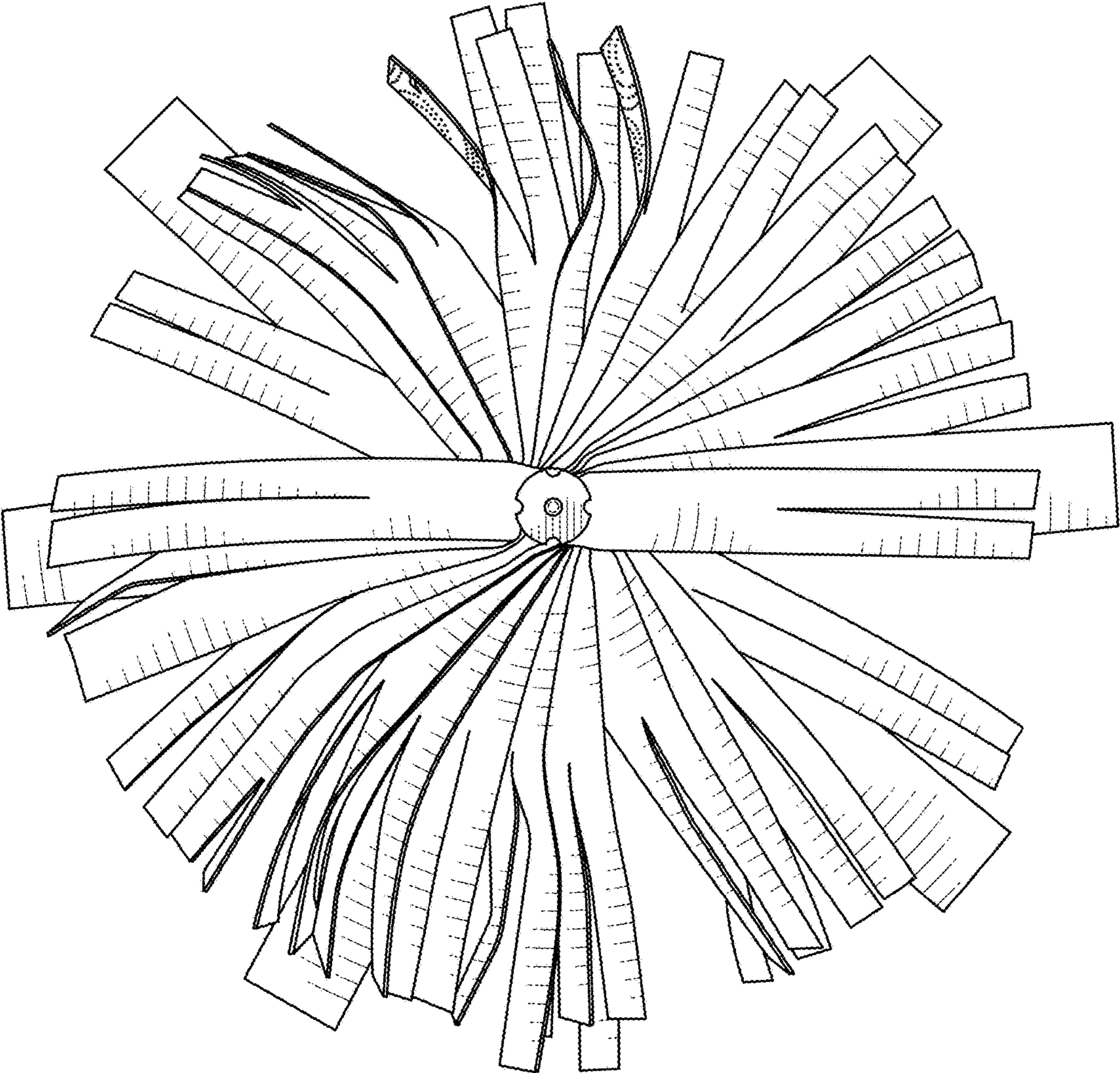


FIG. 16

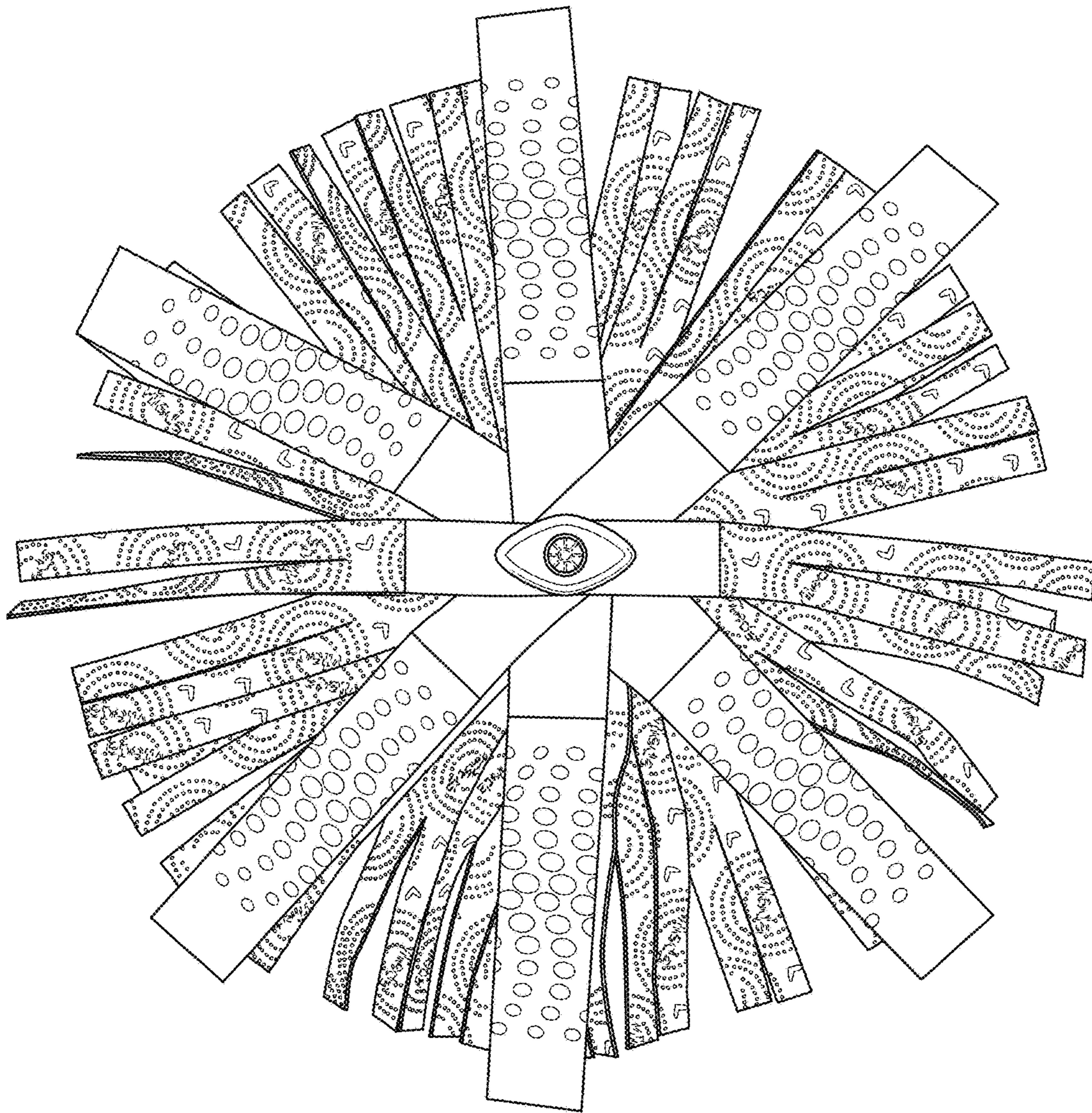


FIG. 17

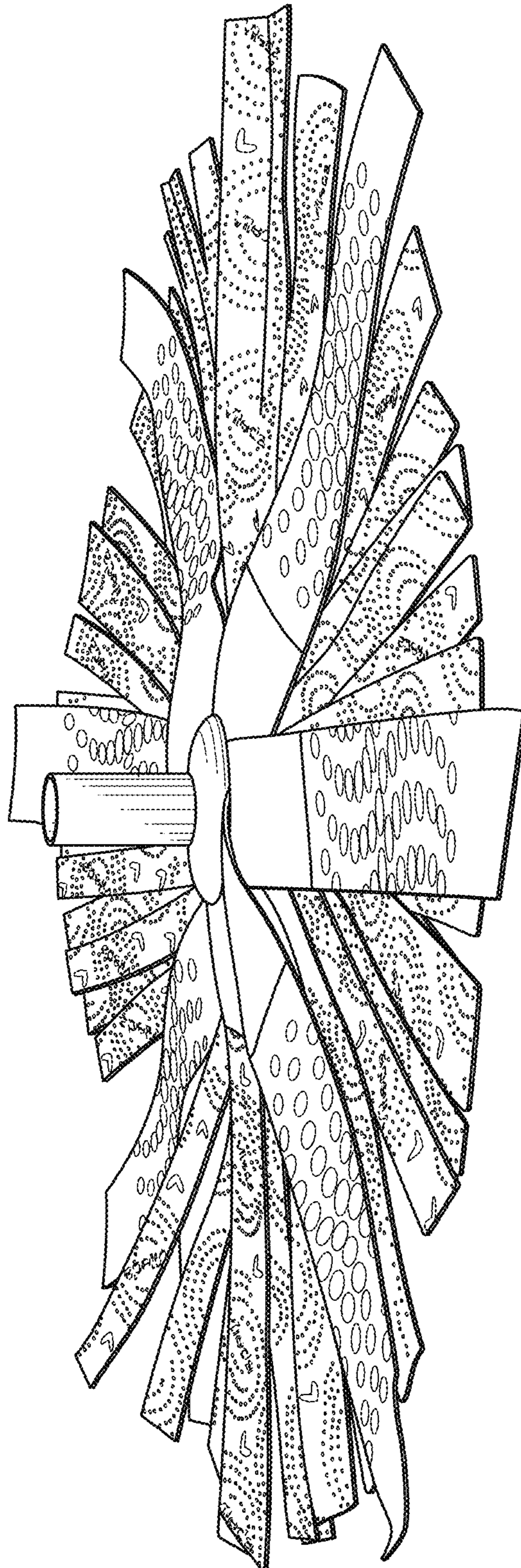


FIG. 18

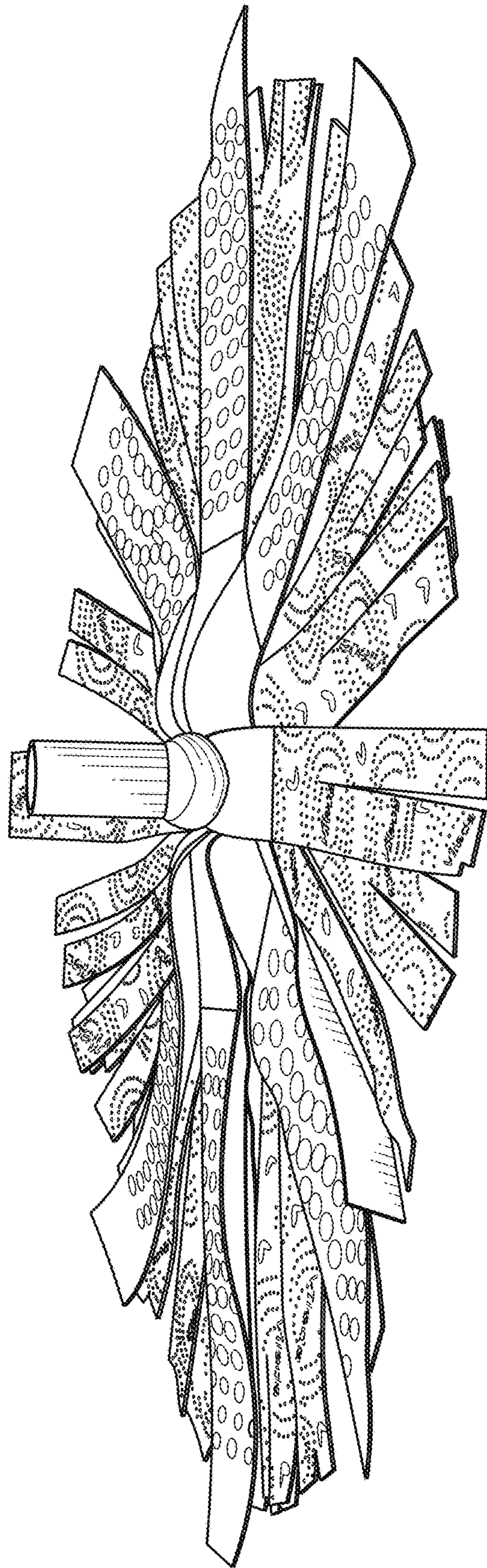


FIG. 19

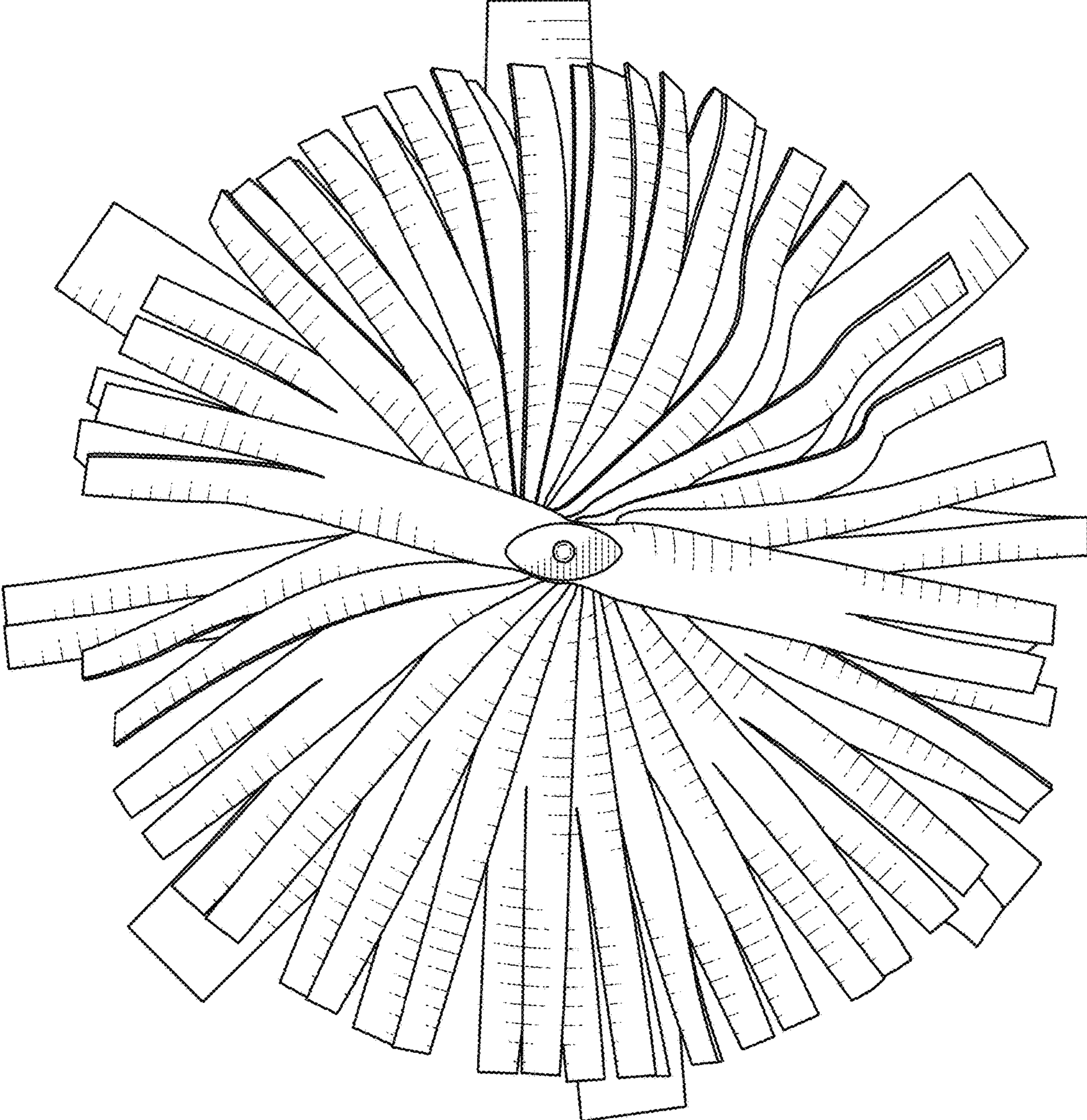


FIG. 20