



US00D838908S

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

(10) **Patent No.:** **US D838,908 S**  
(45) **Date of Patent:** **\*\* Jan. 22, 2019**

- (54) **HAIR CURLER**
- (71) Applicant: **Shih-Ling Hsu**, Tainan (TW)
- (72) Inventor: **Shih-Ling Hsu**, Tainan (TW)
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/630,978**
- (22) Filed: **Dec. 26, 2017**
- (51) **LOC (11) Cl.** ..... **28-03**
- (52) **U.S. Cl.**  
USPC ..... **D28/37**
- (58) **Field of Classification Search**  
USPC ..... D28/35, 37-38  
CPC . A45D 2/00; A45D 2/12; A45D 2/125; A45D  
2/10; A45D 2/14; A45D 2/145; A45D  
2/146; A45D 2/18; A45D 2/20; A45D  
2/2464; A45D 2/2471; A45D 2/2442;  
A45D 2/36-2/367; A45D 4/00-4/12;  
A45D 6/02; A45D 6/04; A45D 6/0045;  
A45D 6/16  
See application file for complete search history.

- 5,033,487 A \* 7/1991 Barradas ..... A45D 2/20  
132/253
- 5,076,299 A \* 12/1991 Wistrand ..... A45D 2/02  
132/245
- D336,542 S \* 6/1993 Barradas ..... D28/37
- D742,067 S \* 10/2015 James ..... D28/37
- D785,244 S \* 4/2017 Carlucci ..... D28/37
- D785,245 S \* 4/2017 Carlucci ..... D28/37

\* cited by examiner

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(57) **CLAIM**

The ornamental design for the hair curler, as shown and described.

**DESCRIPTION**

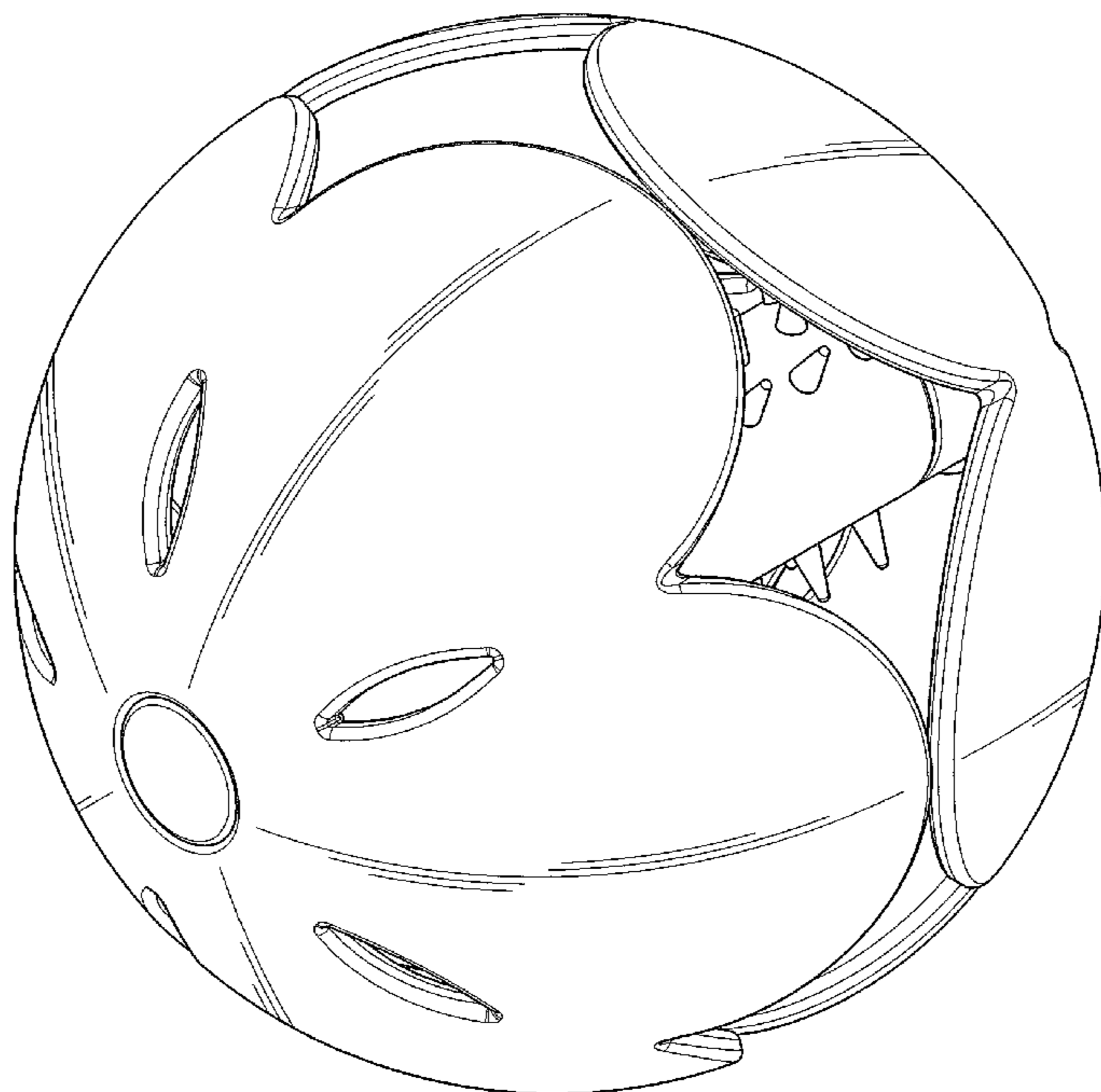
FIG. 1 is a perspective view of the hair curler showing my new design;  
FIG. 2 is a front elevation view thereof;  
FIG. 3 is a rear elevation view thereof;  
FIG. 4 is a left side elevation view thereof;  
FIG. 5 is a right side elevation view thereof;  
FIG. 6 is a top plan view thereof; and  
FIG. 7 is a bottom plan view thereof.  
FIG. 8 is a perspective view thereof; showing the hair curler in an environment of use; and,  
FIG. 9 is another perspective view thereof, showing the hair curler in an alternate environment of use.  
The broken lines illustrate the environment of the hair curler and form no part of the claimed design.

**1 Claim, 9 Drawing Sheets**

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 404,501 A \* 6/1889 Pranne ..... A45D 2/20  
132/253
- 2,452,225 A \* 10/1948 Coloccia ..... A45D 2/10  
132/247
- 2,555,933 A \* 6/1951 Renstrom ..... A45D 2/10  
132/247
- 2,713,864 A \* 7/1955 Solomon ..... A45D 2/02  
132/243



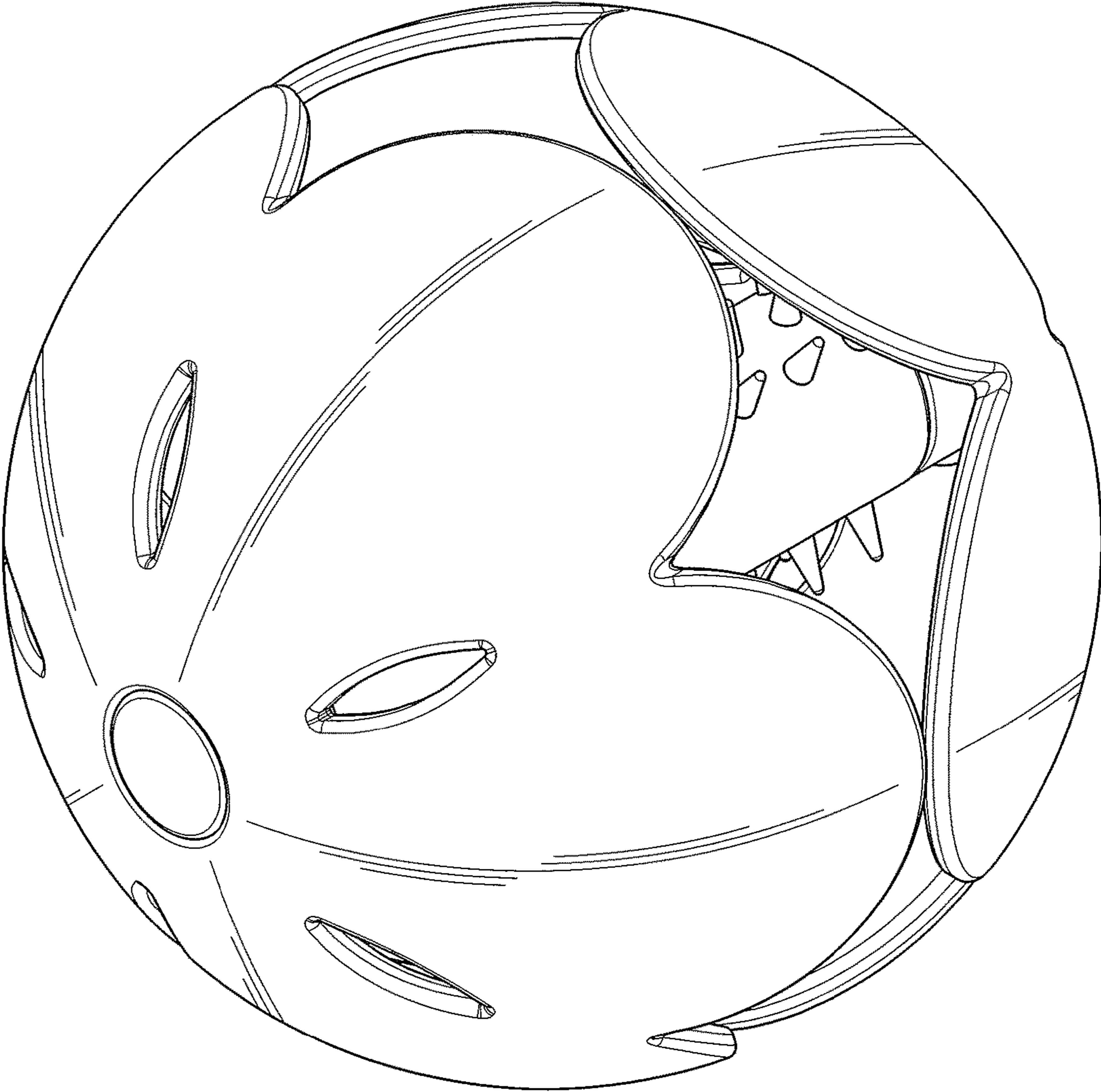


FIG. 1

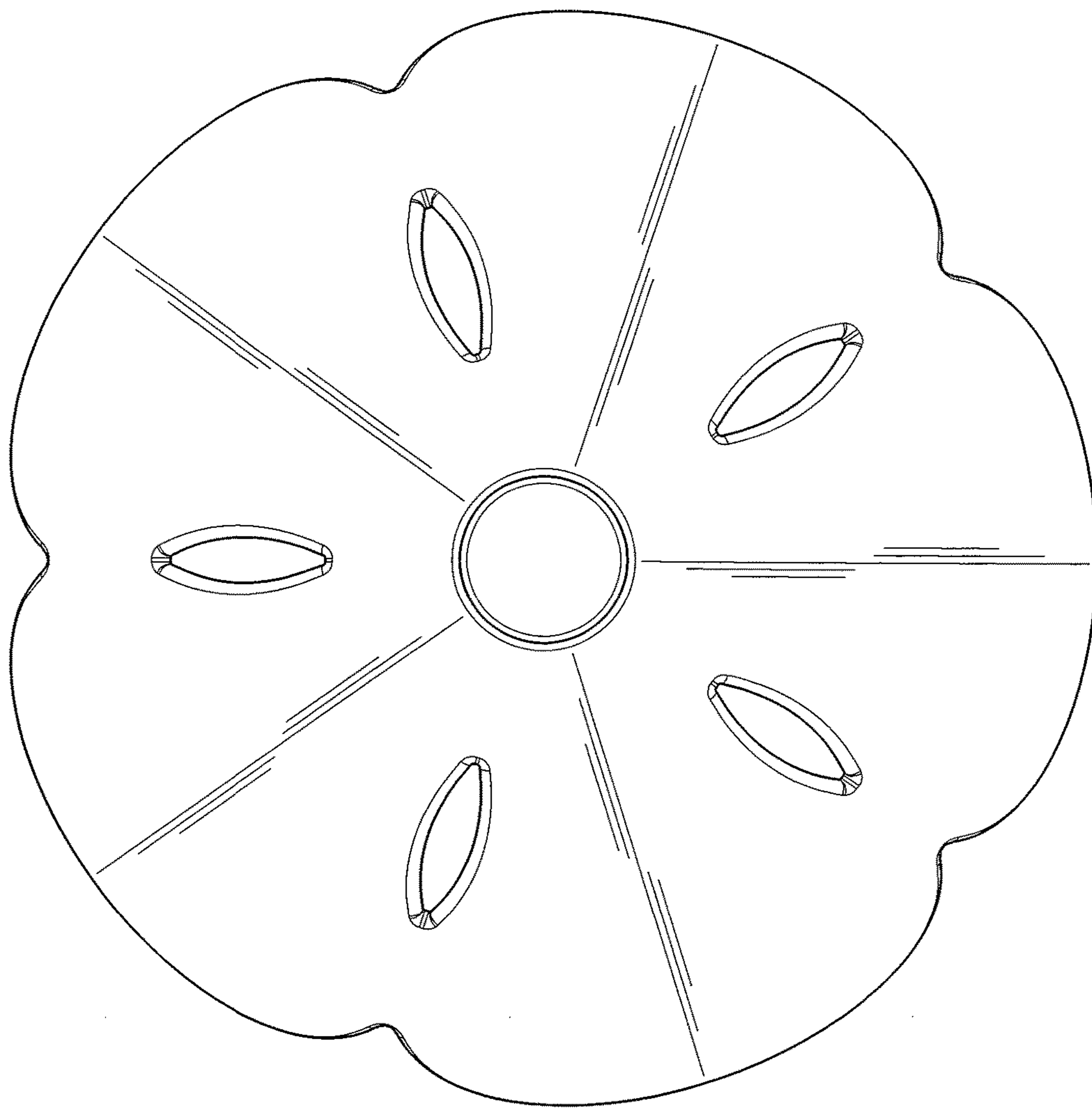


FIG. 2

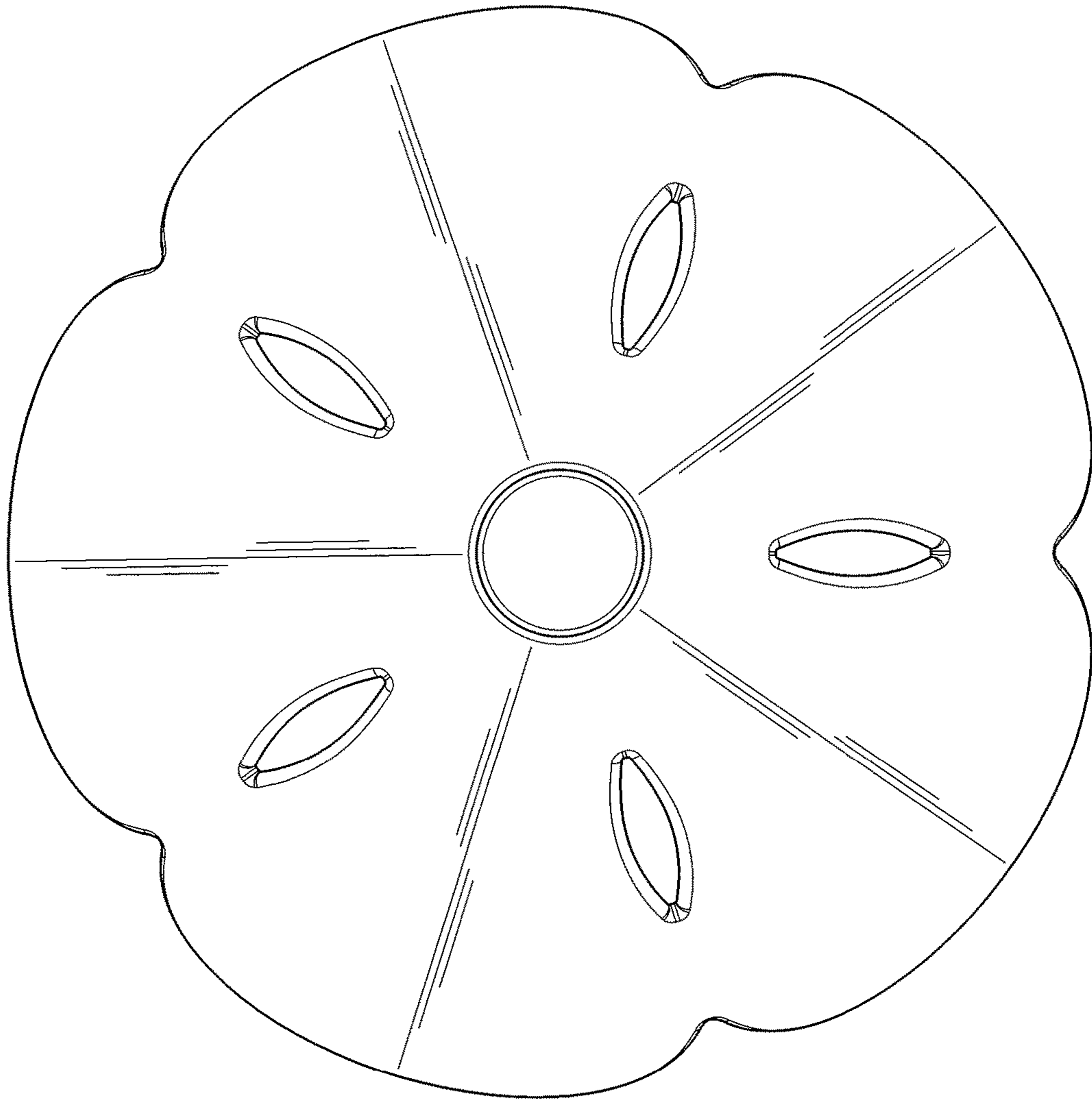


FIG. 3

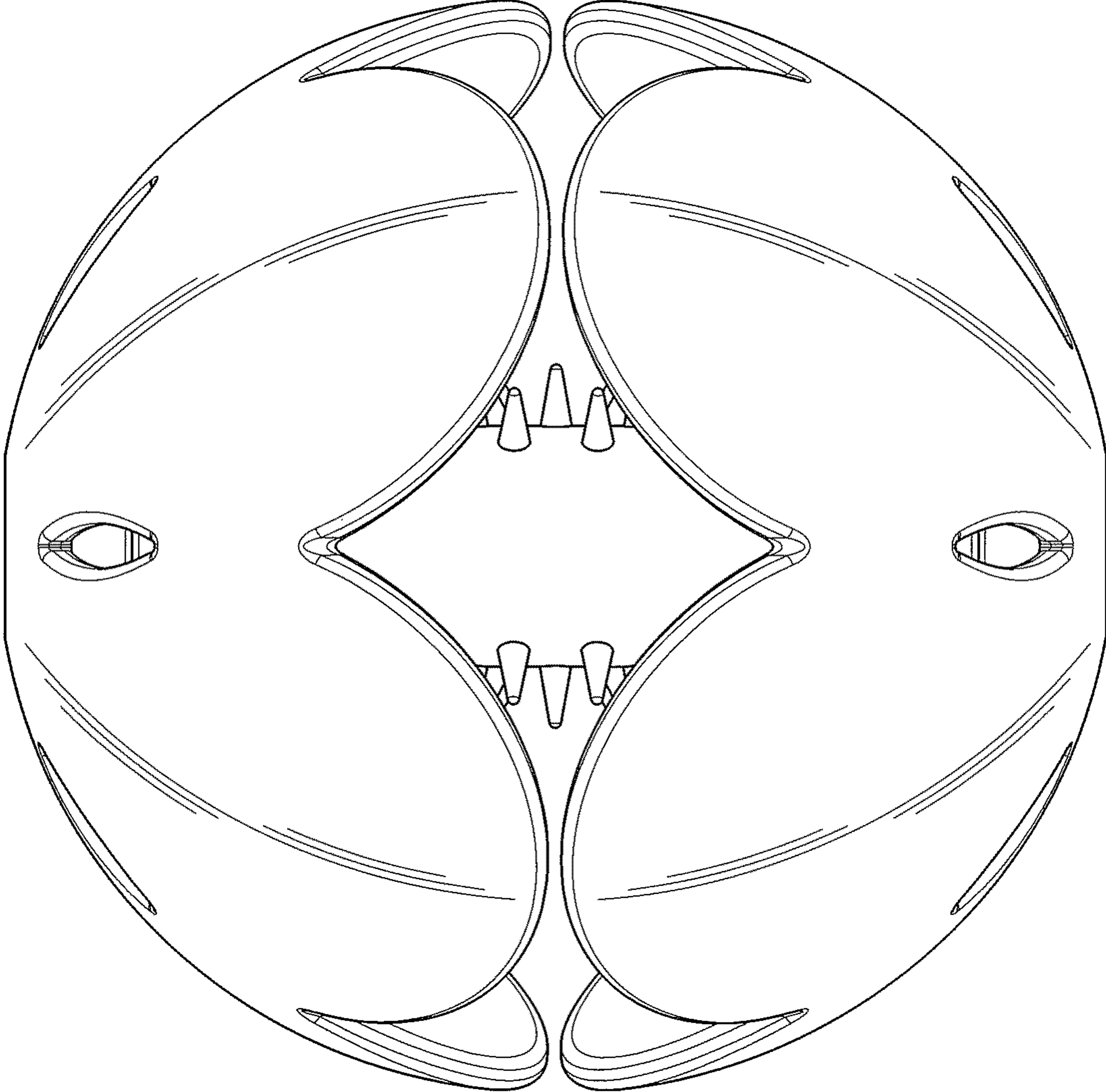


FIG. 4

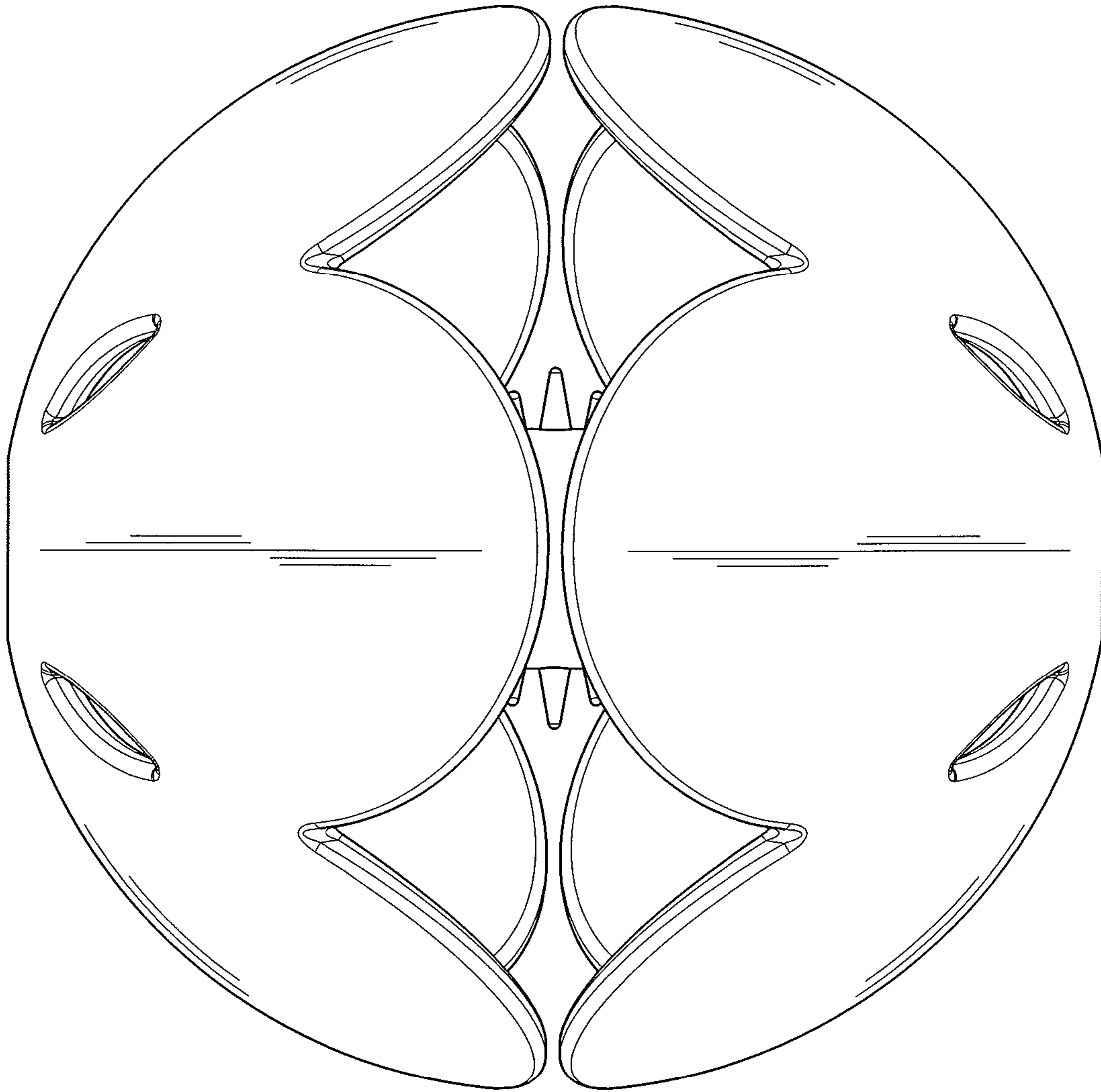
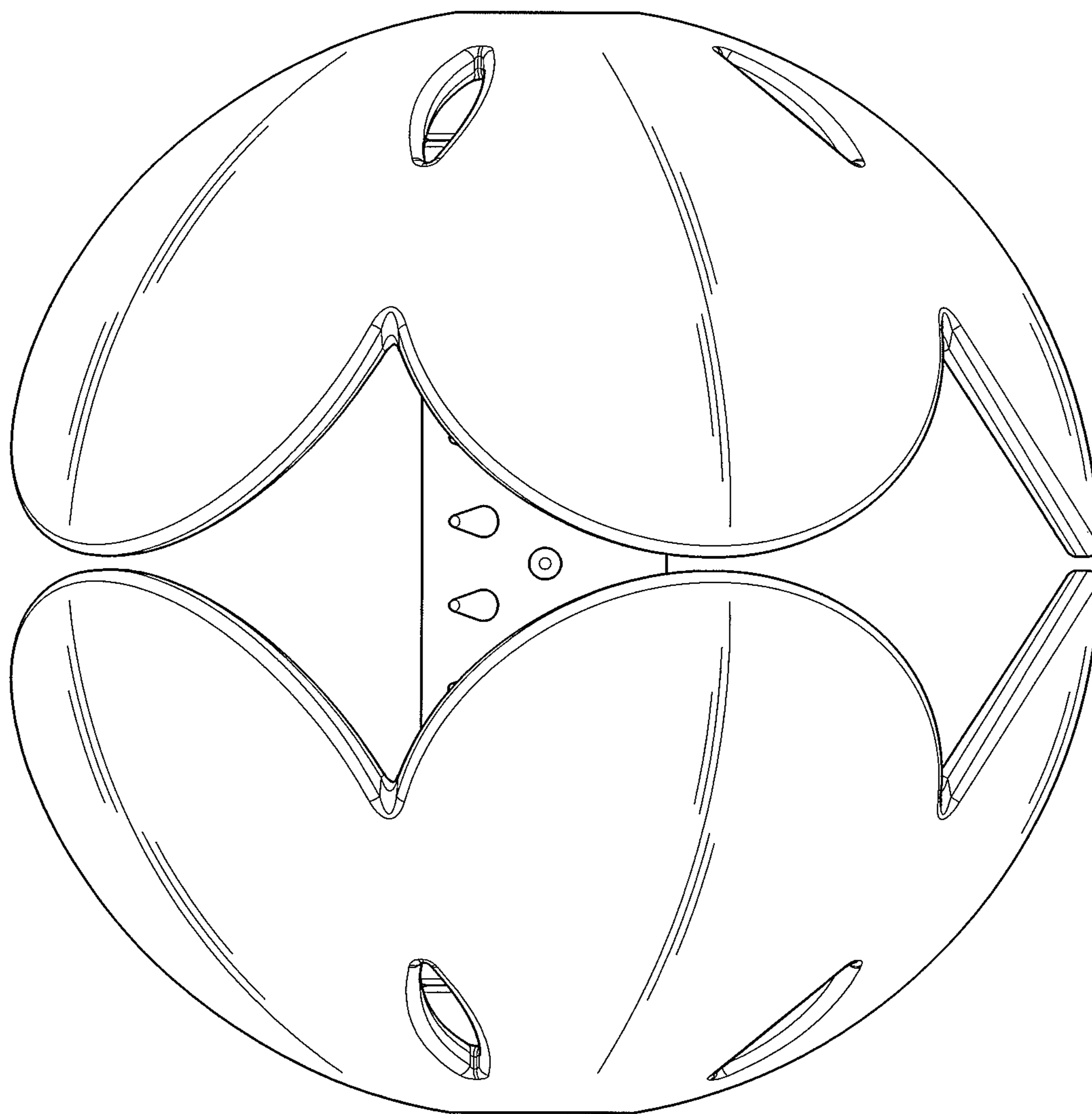


FIG. 5



F I G . 6

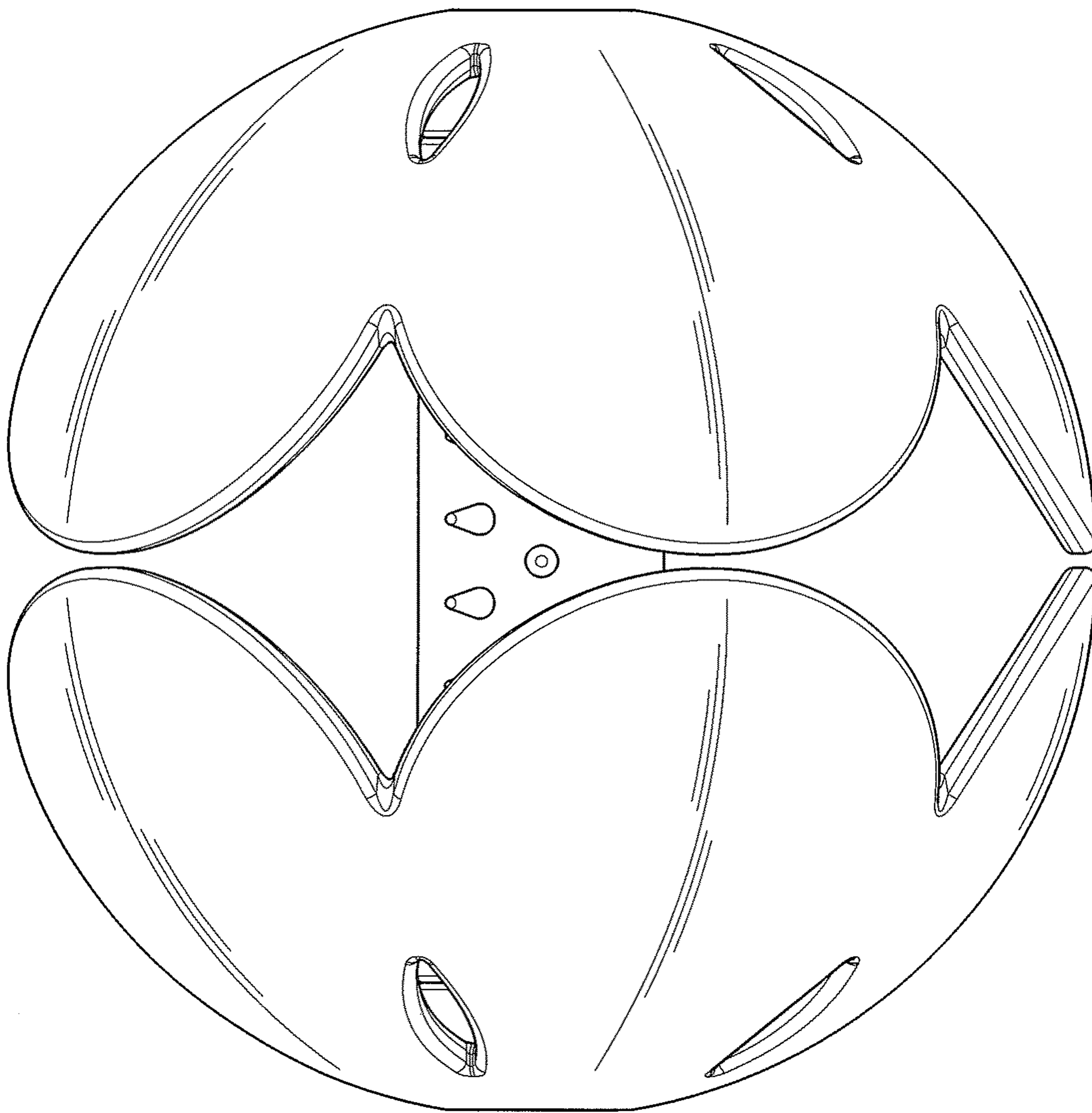


FIG. 7



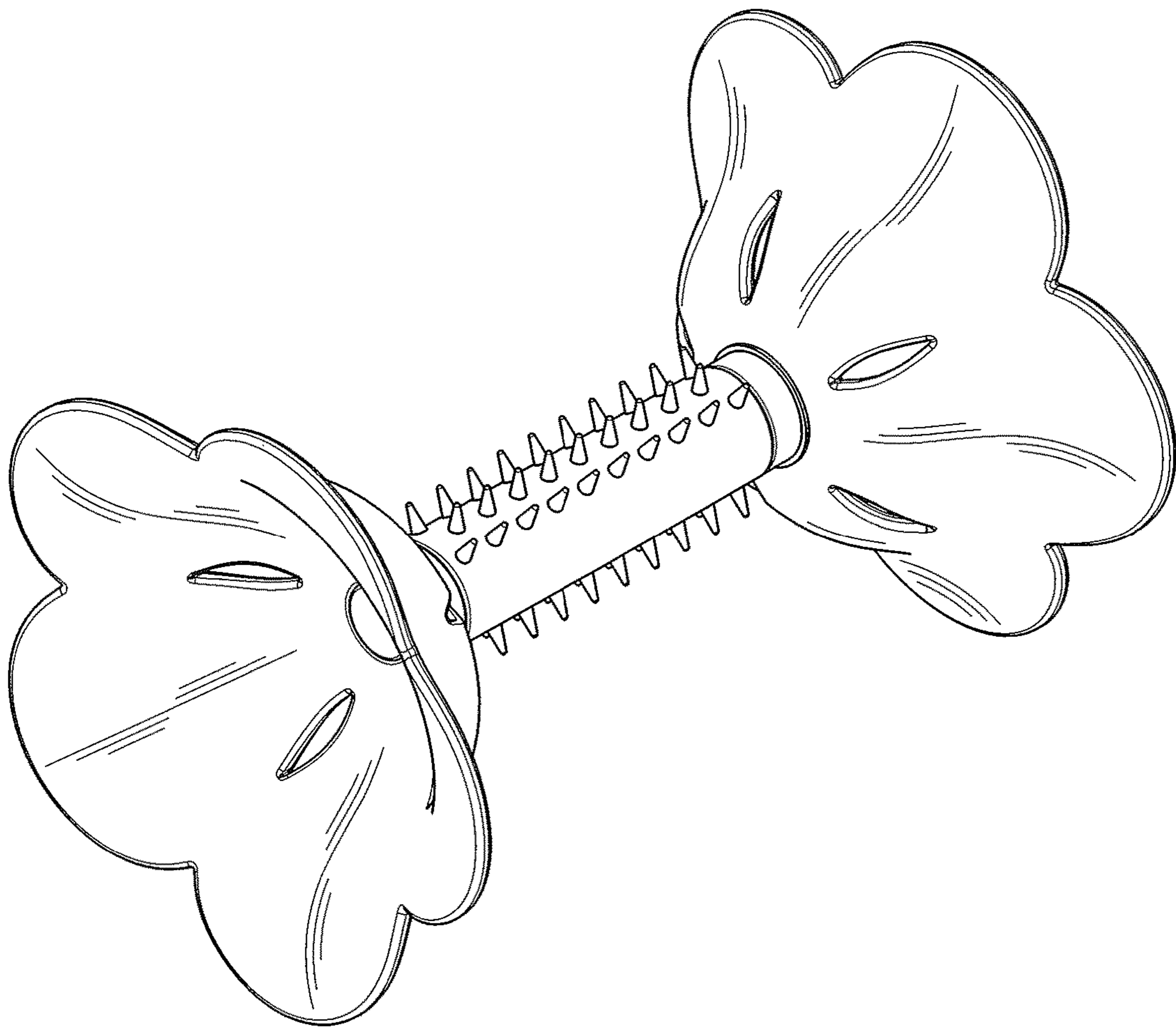


FIG. 8

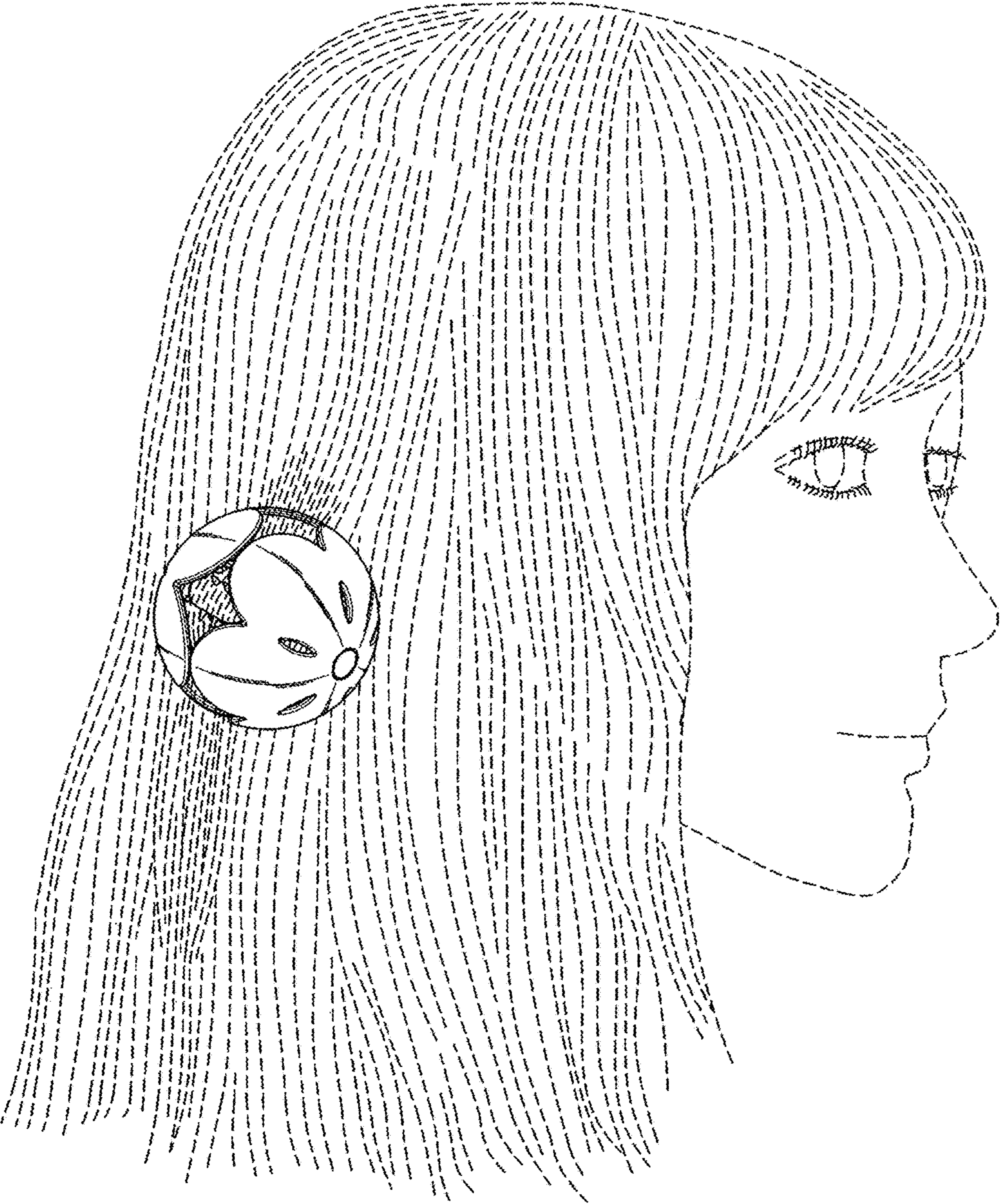


FIG. 9