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

(10) **Patent No.:** **US D974,133 S**

(45) **Date of Patent:** **\*\* Jan. 3, 2023**

(54) **CENTER-LOCK SOCKET FOR AN IMPACT WRENCH**

(71) Applicant: **DINO PAOLI S.R.L.**, Reggio Emilia (IT)

(72) Inventor: **Federico Galloni**, Reggio Emilia (IT)

(73) Assignee: **DINO PAOLI S.R.L.**

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

(21) Appl. No.: **29/725,019**

(22) Filed: **Feb. 21, 2020**

(51) **LOC (14) Cl.** ..... **08-05**

(52) **U.S. Cl.**  
USPC ..... **D8/29**

(58) **Field of Classification Search**  
USPC ... D8/16, 17, 18, 19, 21, 22, 25, 26, 28, 29,  
D8/397, 399; D24/133, 152, 155, 156  
(Continued)

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*Primary Examiner* — Rachel A. Voorhies

*Assistant Examiner* — Benjamin D. Wannemacher  
(74) *Attorney, Agent, or Firm* — Laubscher & Laubscher PC

(57) **CLAIM**

The ornamental design for a center-lock socket for an impact wrench, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a center-lock socket for an impact wrench according to a first embodiment of our invention;

FIG. 2 is a rear perspective view of the embodiment of FIG. 1;

FIG. 3 is a front elevation view of the embodiment of FIG. 1

FIG. 4 is a rear elevation view of the embodiment of FIG. 1;

FIG. 5 is a top plan view of the embodiment of FIG. 1;

FIG. 6 is a right side elevation view of the embodiment of FIG. 1;

FIG. 7 is a sectional view taken along line 7-7 of FIG. 6;

FIG. 8 is a partial enlarged view of the area labeled 8 in FIG. 3;

FIG. 9 is a partial enlarged view of the area labeled 9 in FIG. 7;

FIG. 10 is a front perspective view of a center-lock socket for an impact wrench according to a second embodiment of our invention;

FIG. 11 is a rear perspective view of the embodiment of FIG. 10;

FIG. 12 is a front elevation view of the embodiment of FIG. 10;

FIG. 13 is a rear elevation view of the embodiment of FIG. 10;

FIG. 14 is a top plan view of the embodiment of FIG. 10;

FIG. 15 is a right side elevation view of the embodiment of FIG. 10;

FIG. 16 is a sectional view taken along line 16-16 of FIG. 15;

FIG. 17 is a partial enlarged view of the area labeled 17 in FIG. 12; and,

(Continued)

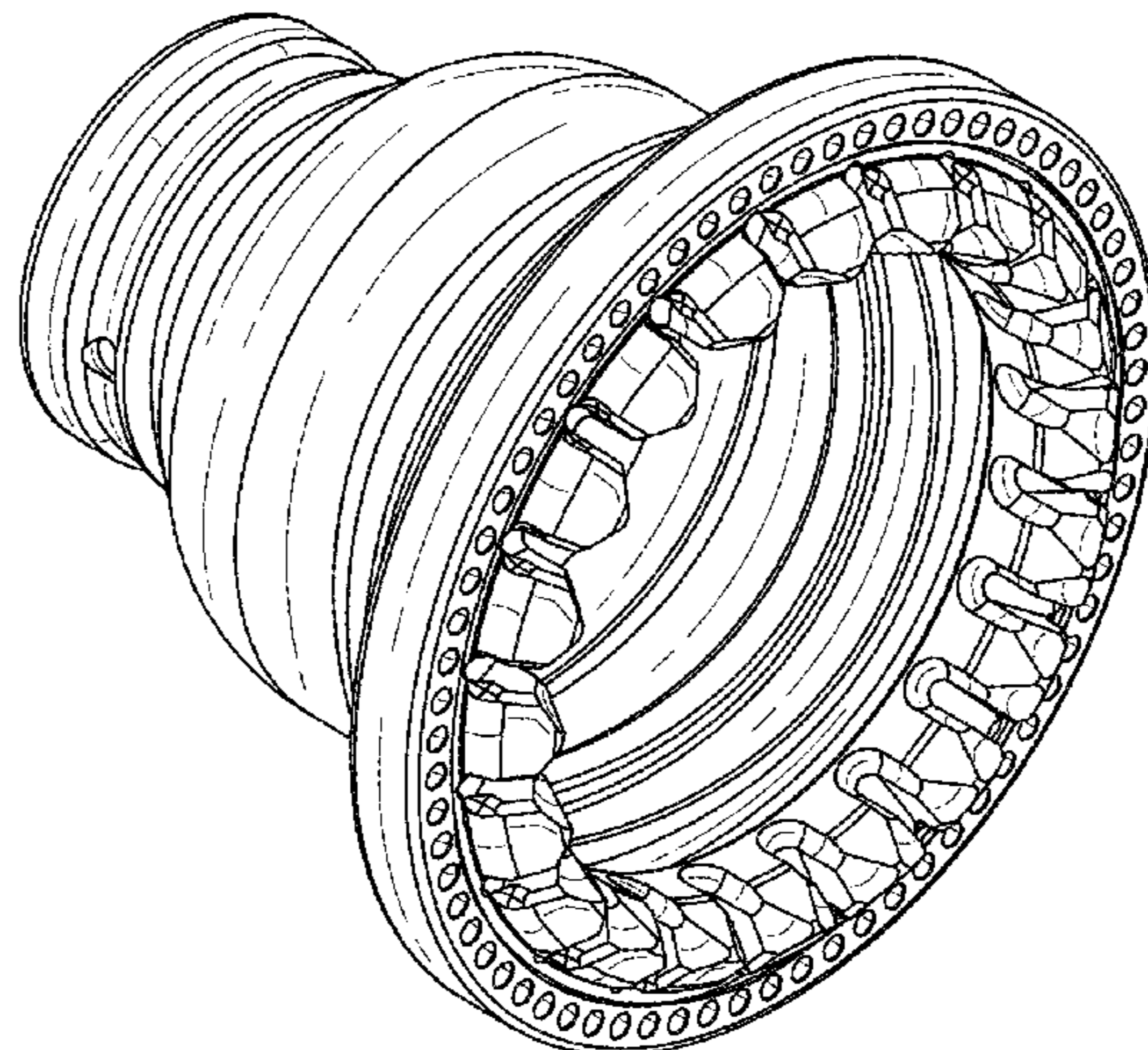


FIG. 18 is a partial enlarged view of the area labeled 18 in FIG. 16.

The tangent lines shown in the drawing are contour lines that delimit surfaces of different curvature and are not ornamental features of the design.

The dash-dash broken line circles of FIGS. 3, 7, 8, 9, 12, 16, 17, and 18 depict the limits of the enlarged views and form no part of the claimed design. The dash-dash lead lines in FIGS. 3, 7, 12, and 16 labeled 8, 9, 17 and 18, respectively, indicate the areas from which the enlargement in FIGS. 3, 7, 12, and 16 are taken and form no part of the claimed design.

**1 Claim, 18 Drawing Sheets**

(58) **Field of Classification Search**

CPC ..... B25B 13/08; B25B 13/46; B25B 13/462;  
 B25B 13/481; B25B 13/461; B25B 13/48;  
 B25B 13/56; B25B 13/16; B25B 13/463;  
 B25B 21/004; B25B 23/1425; B25B  
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See application file for complete search history.

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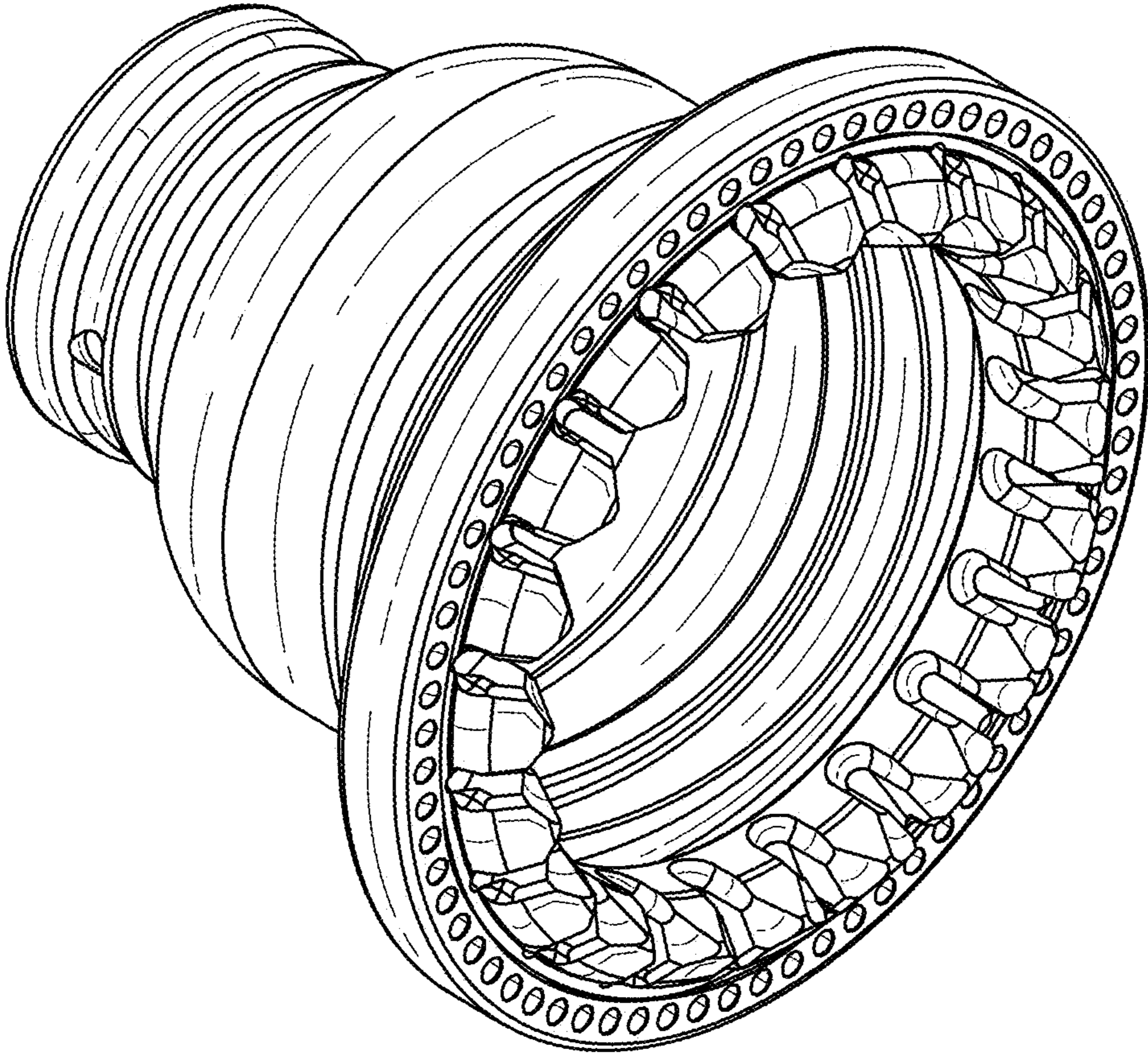


FIG. 1

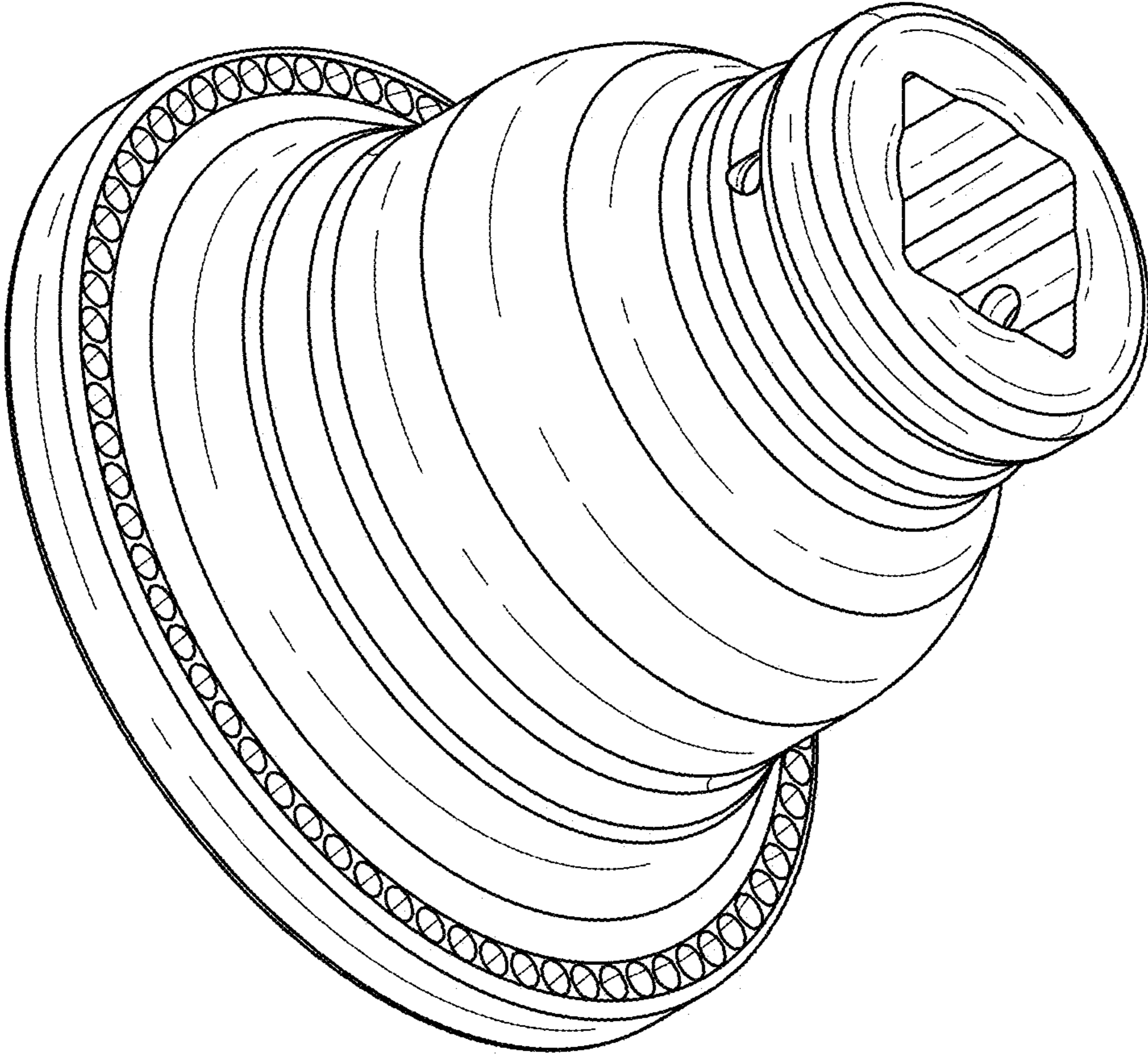


FIG. 2

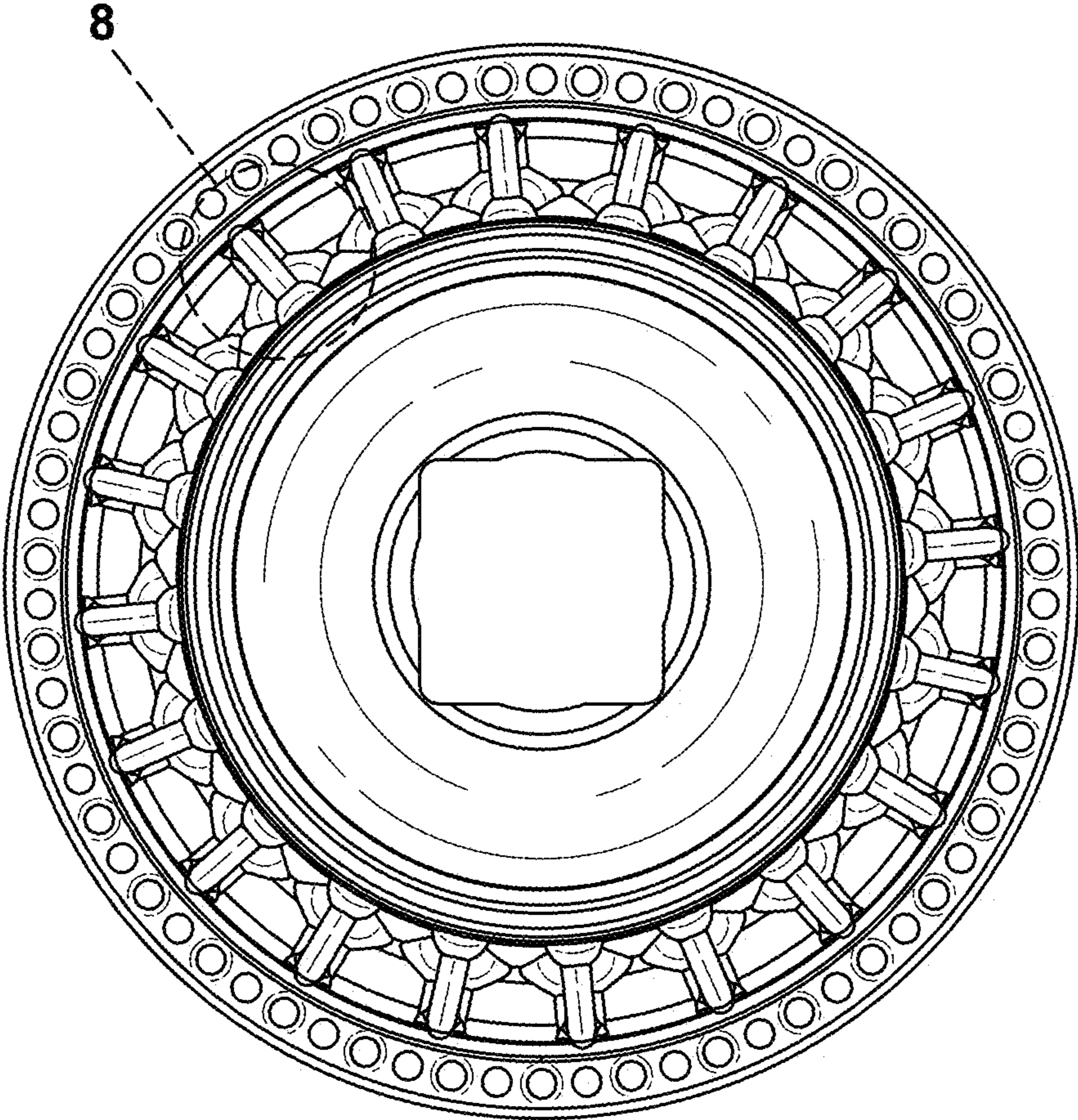


FIG. 3

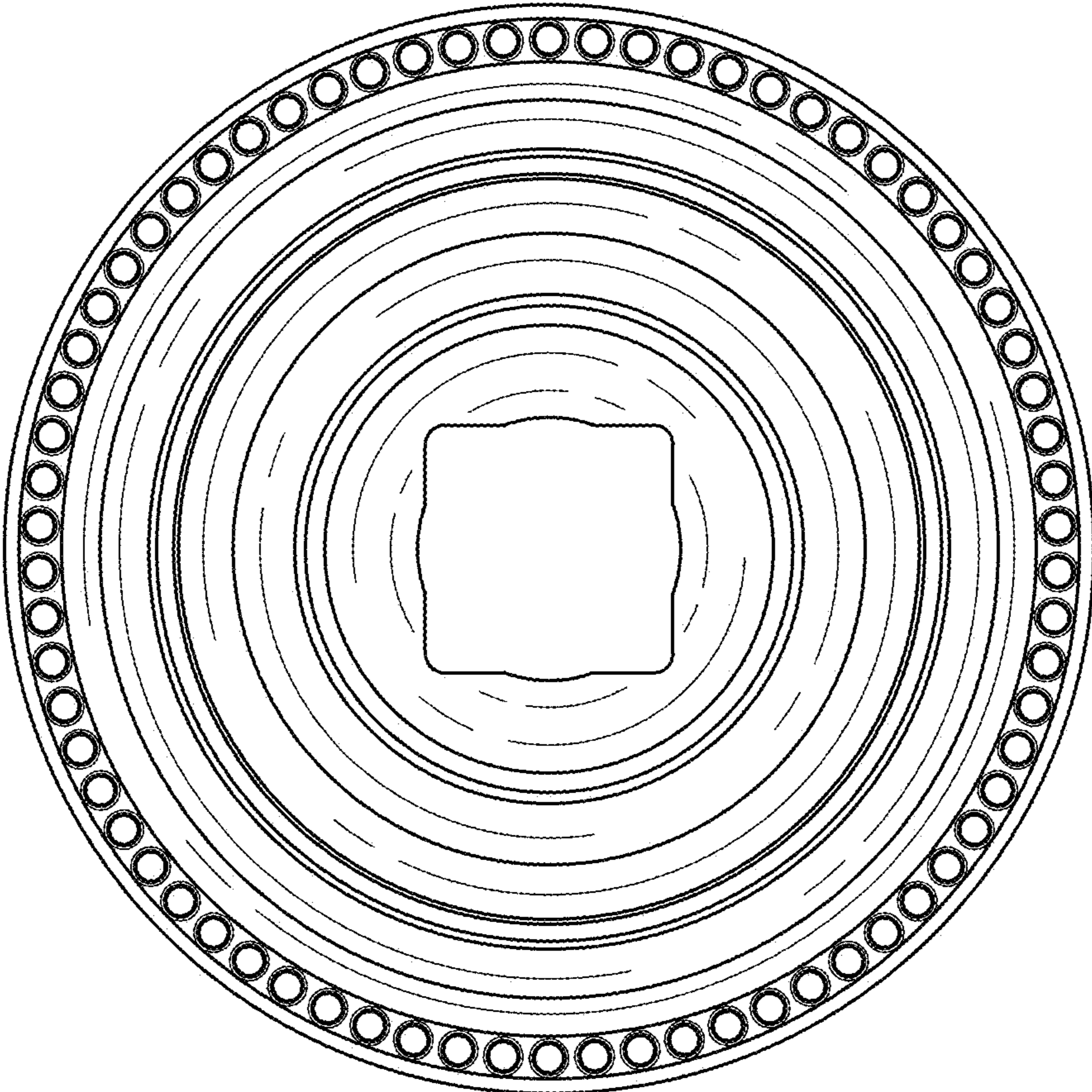


FIG. 4

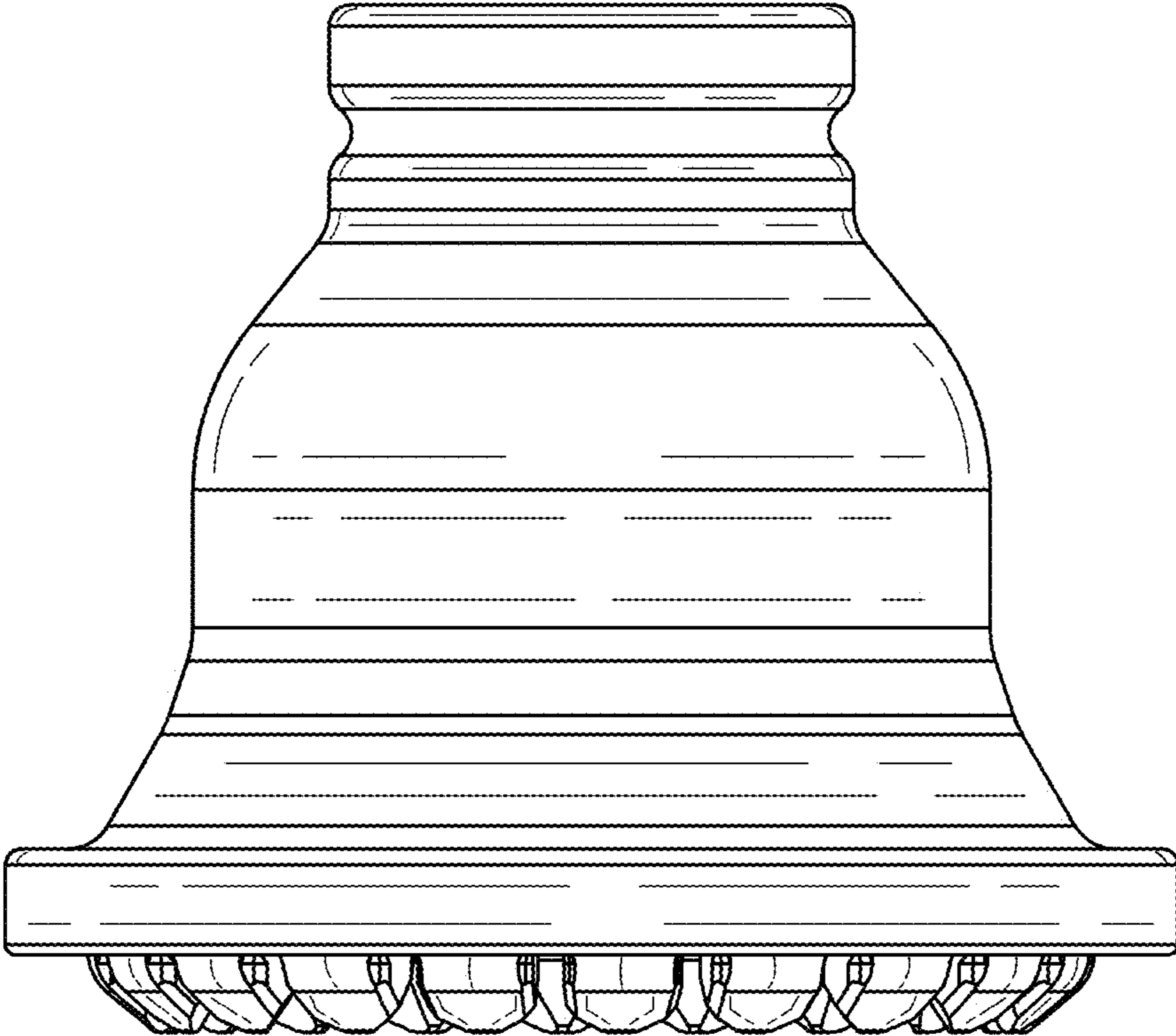


FIG. 5

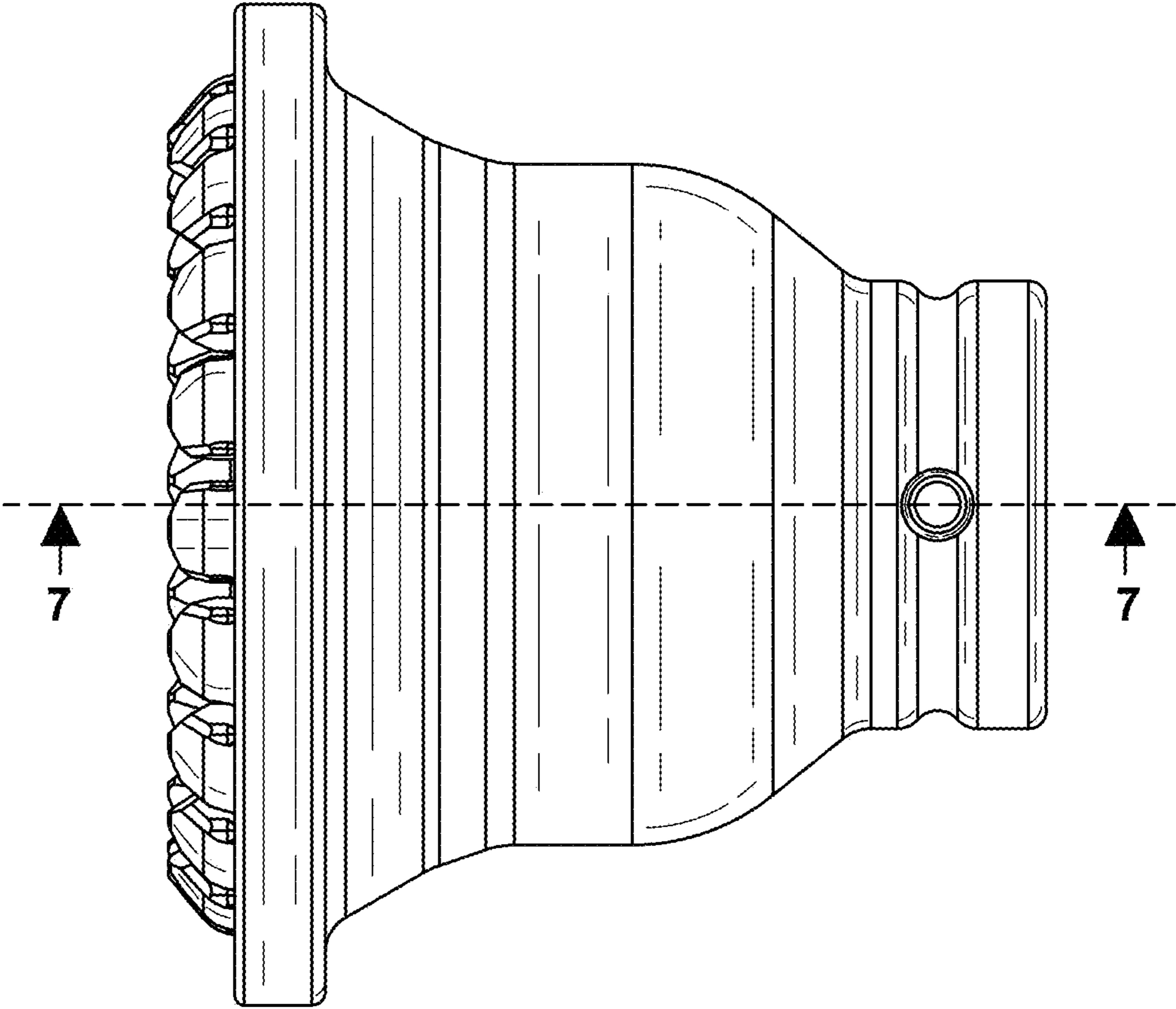


FIG. 6



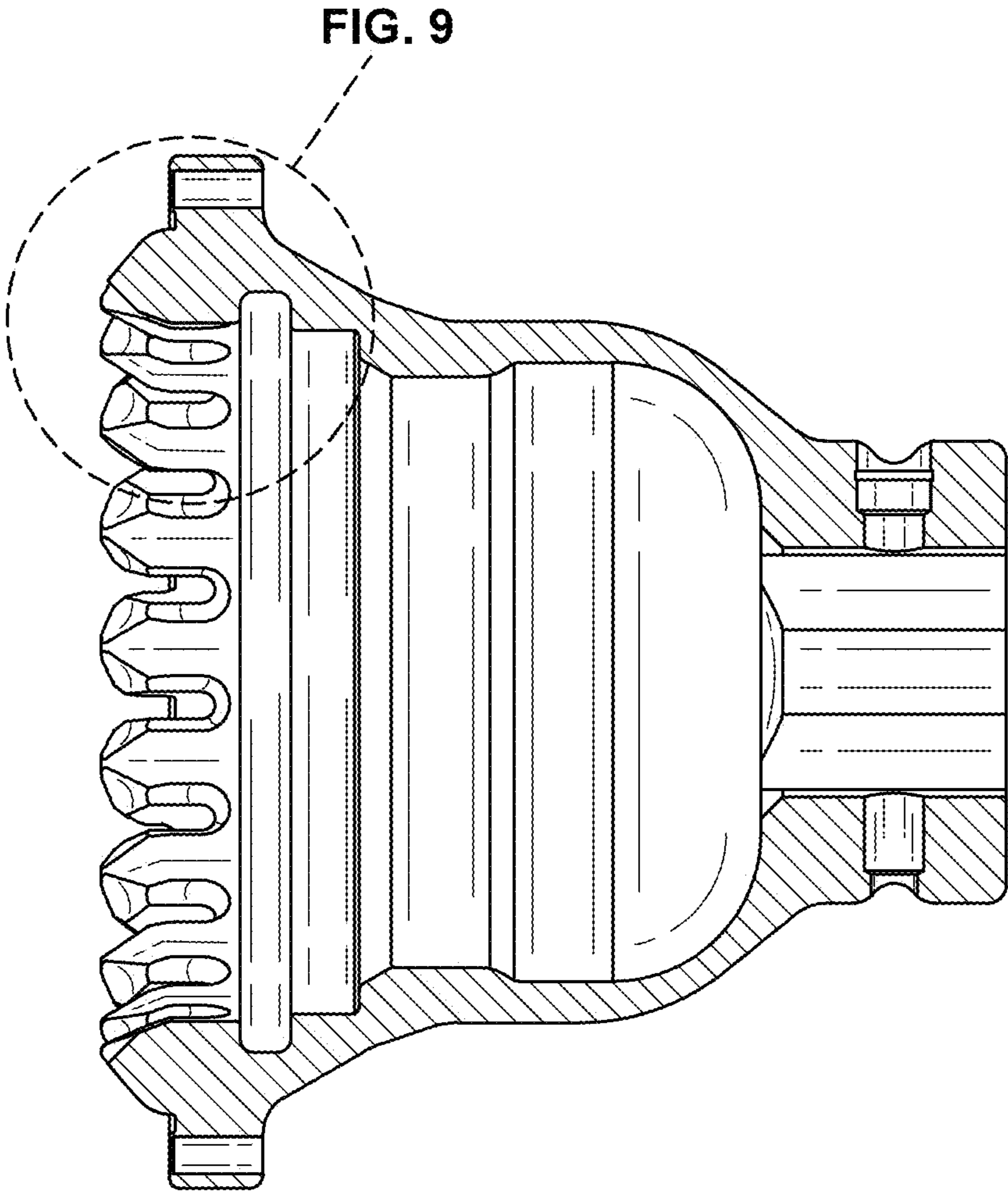


FIG. 7

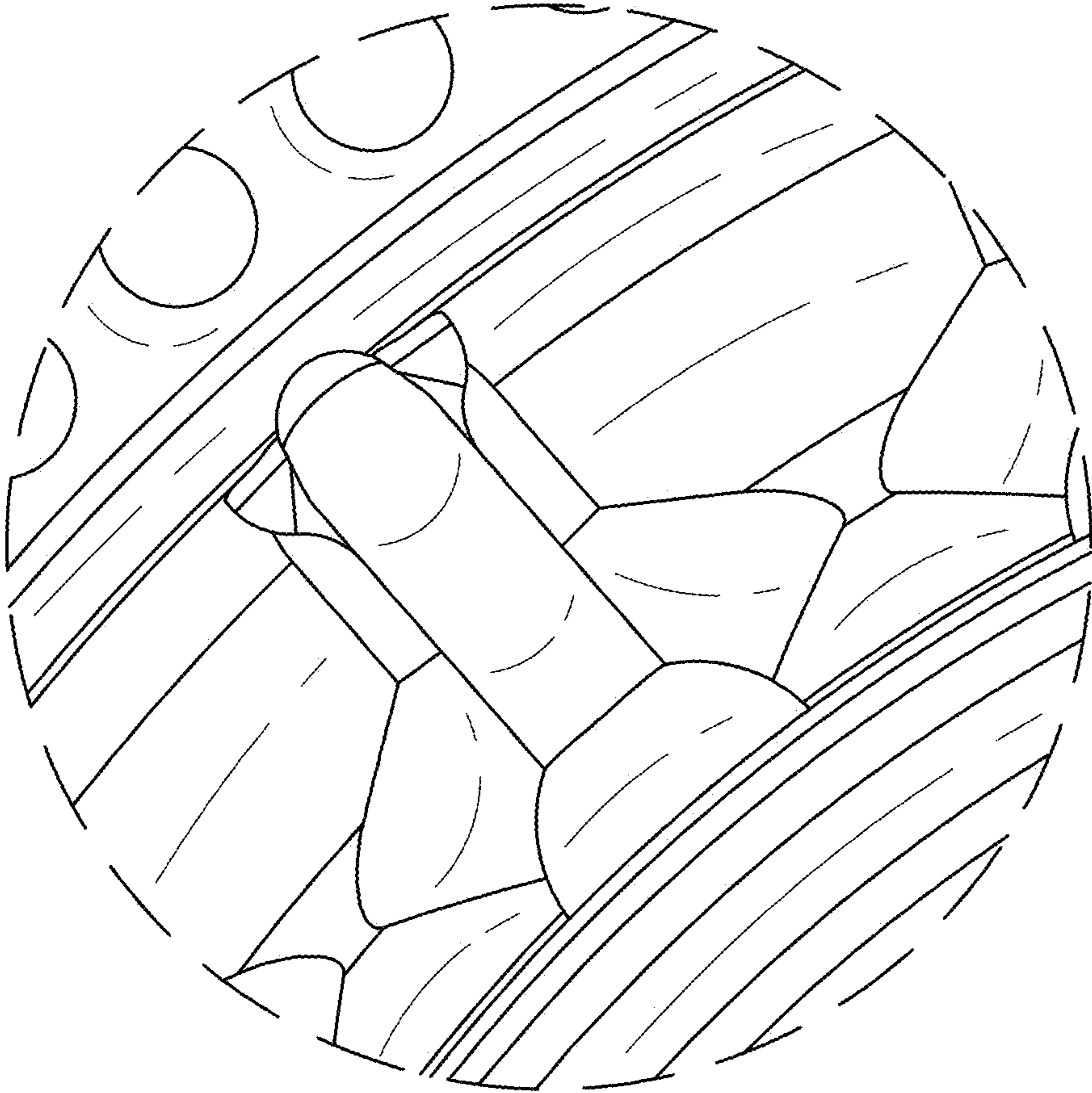


FIG. 8

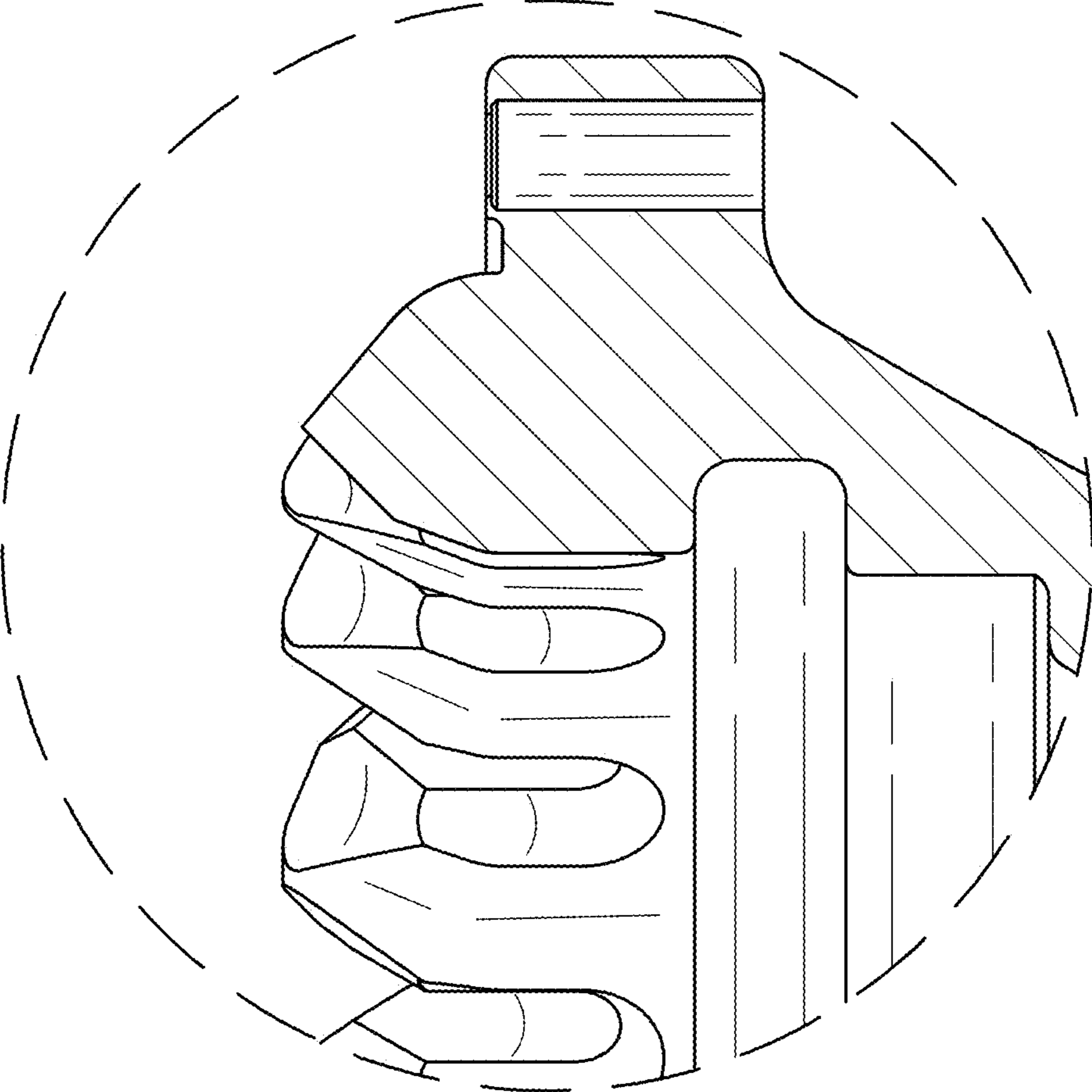


FIG. 9

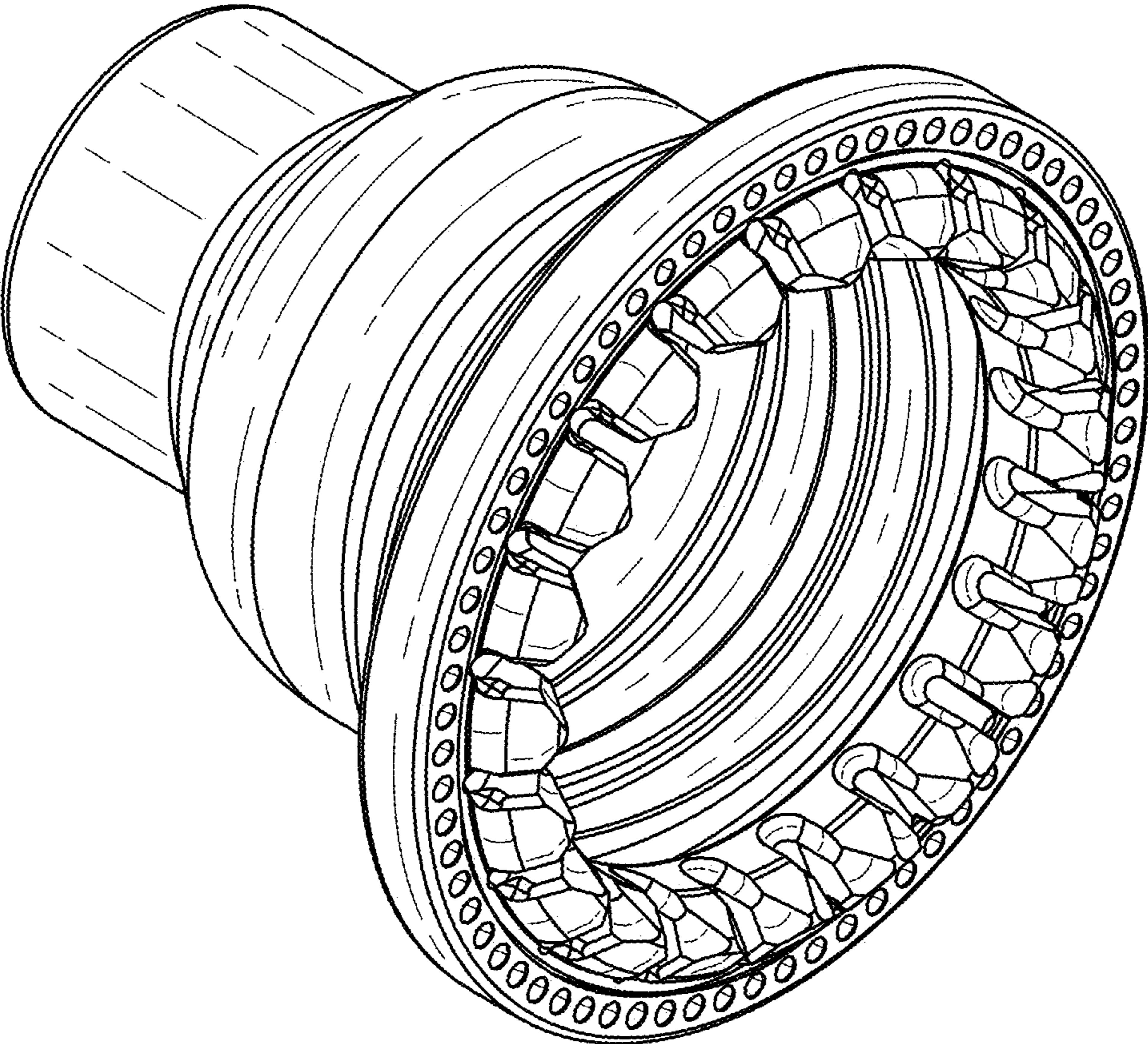


FIG. 10

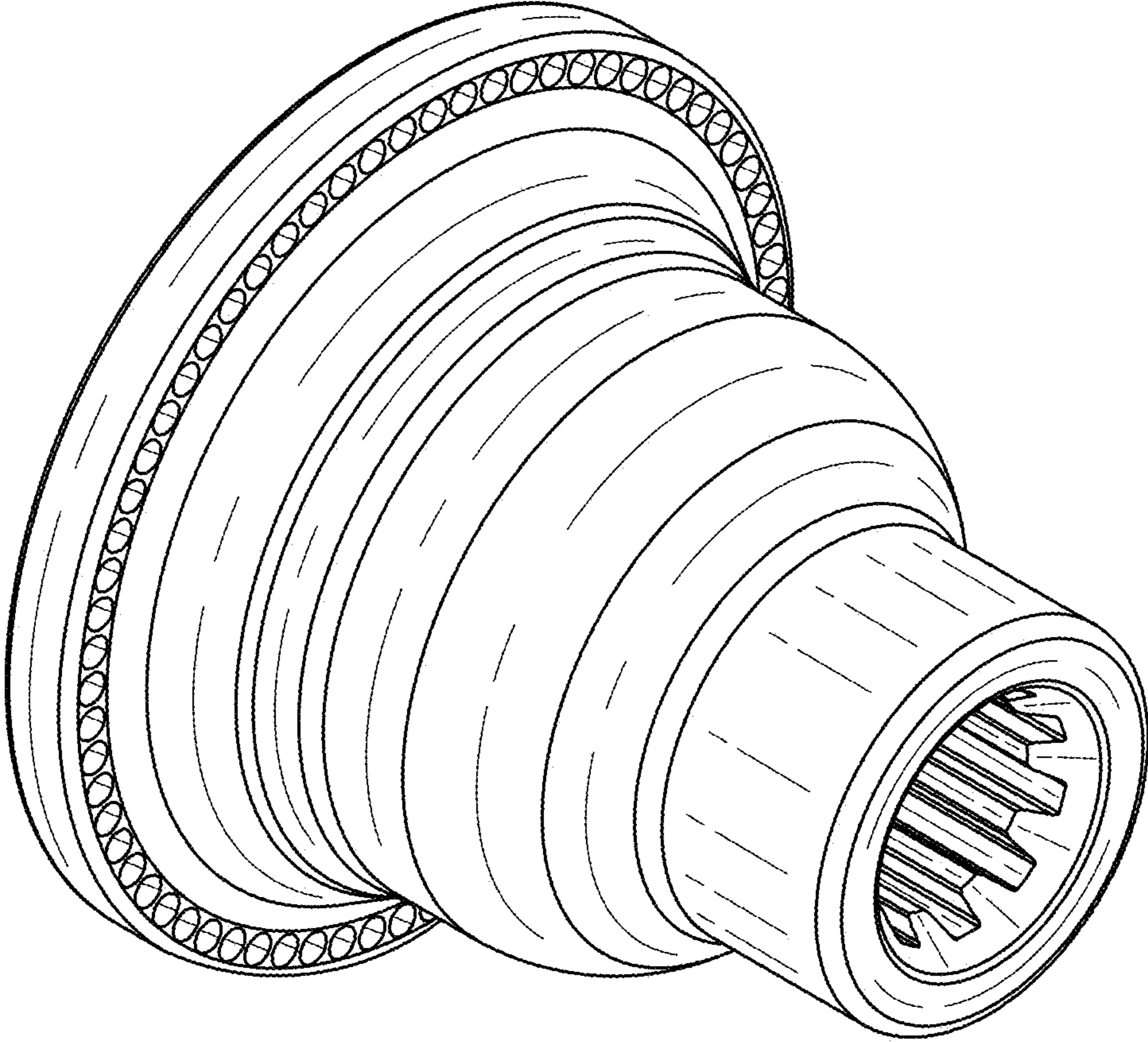


FIG. 11

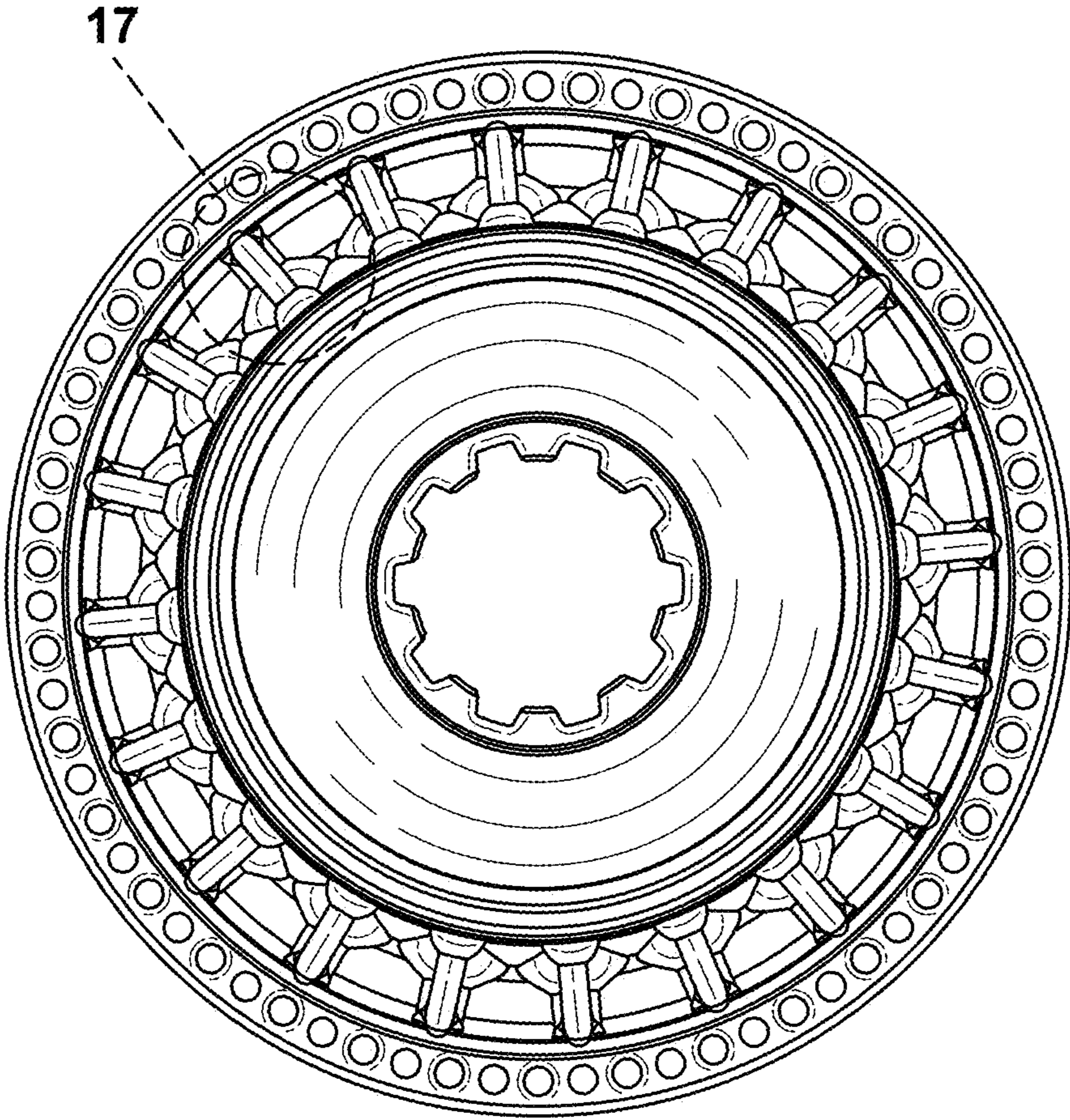


FIG. 12

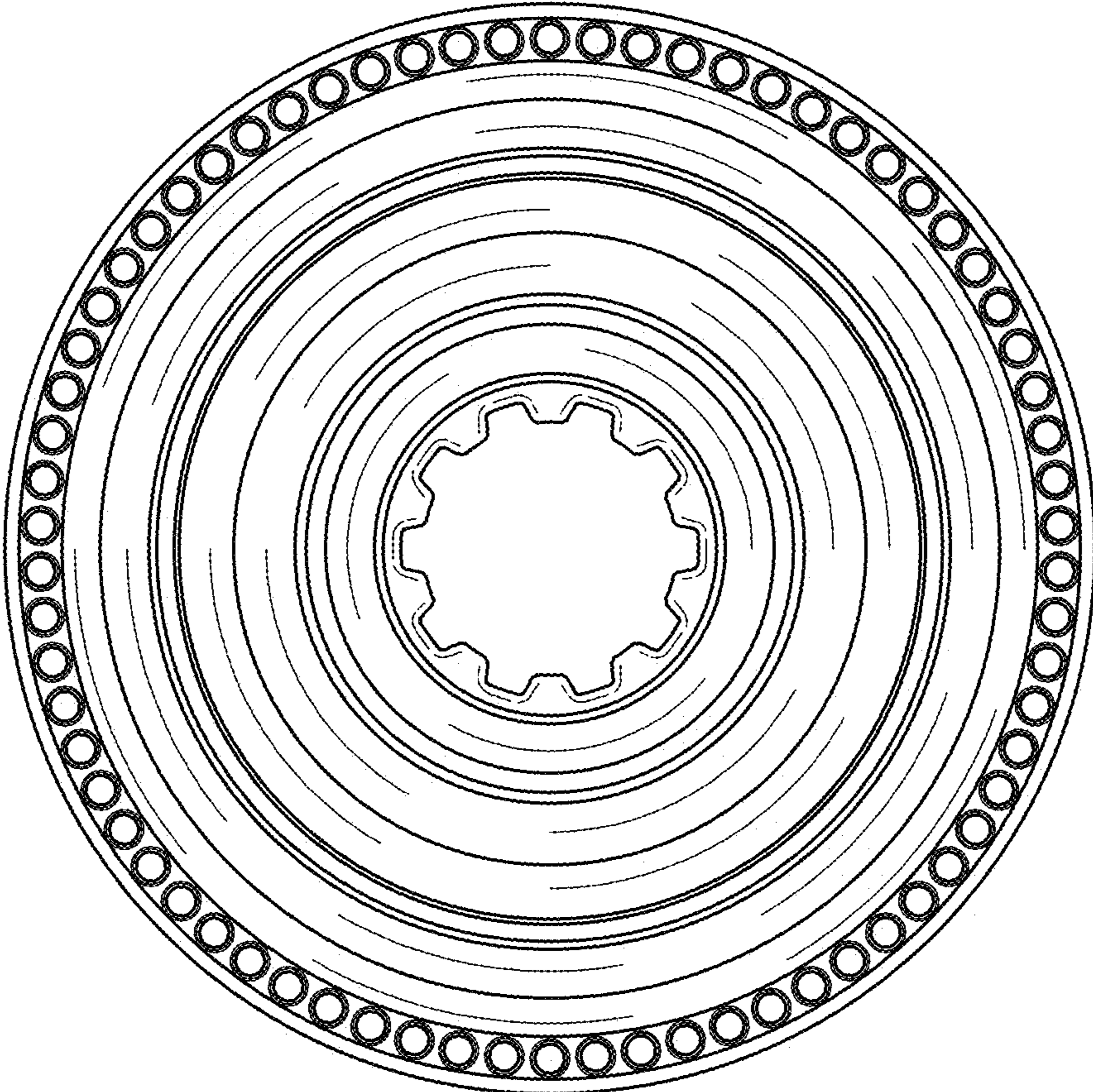


FIG. 13

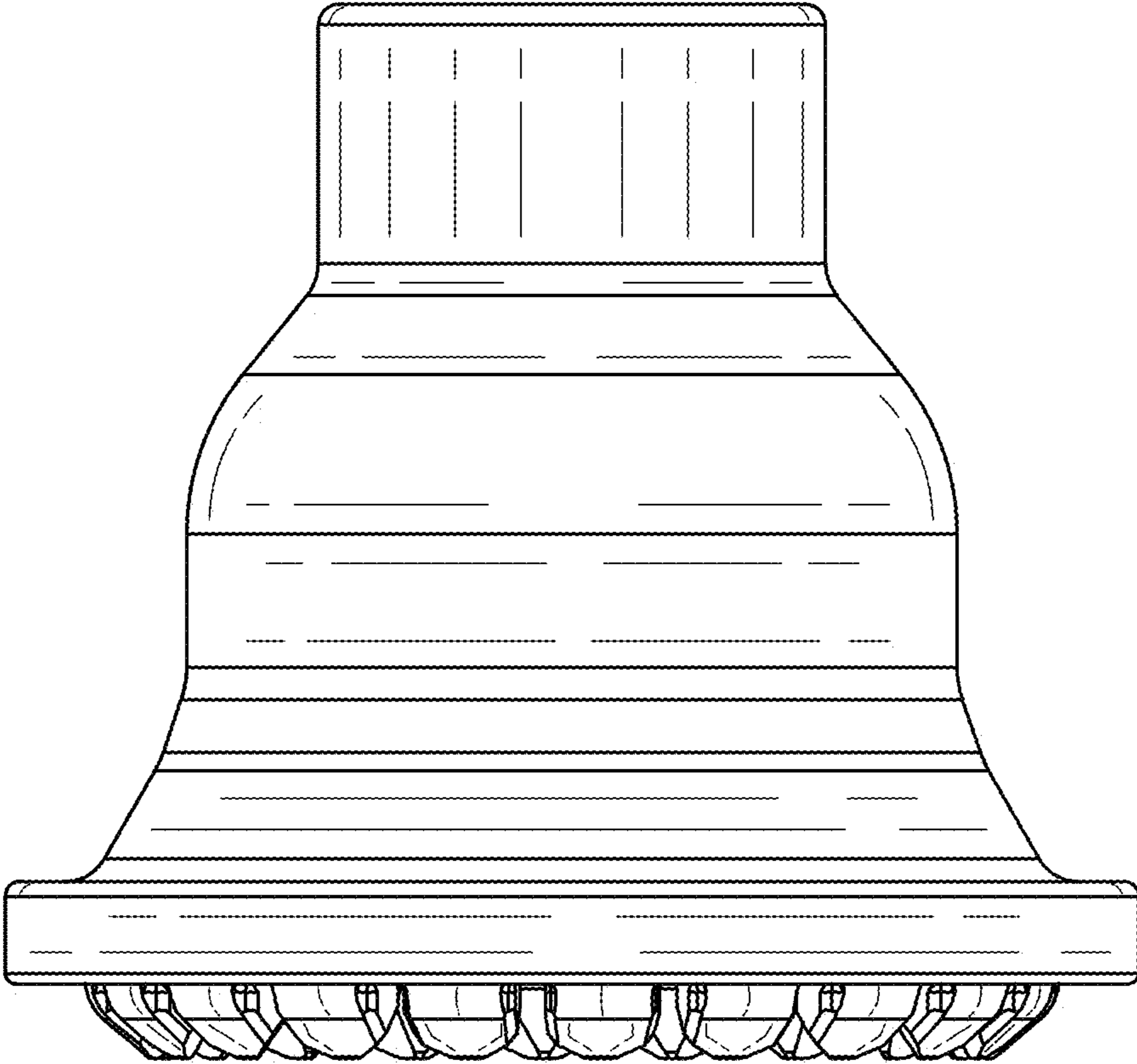


FIG. 14



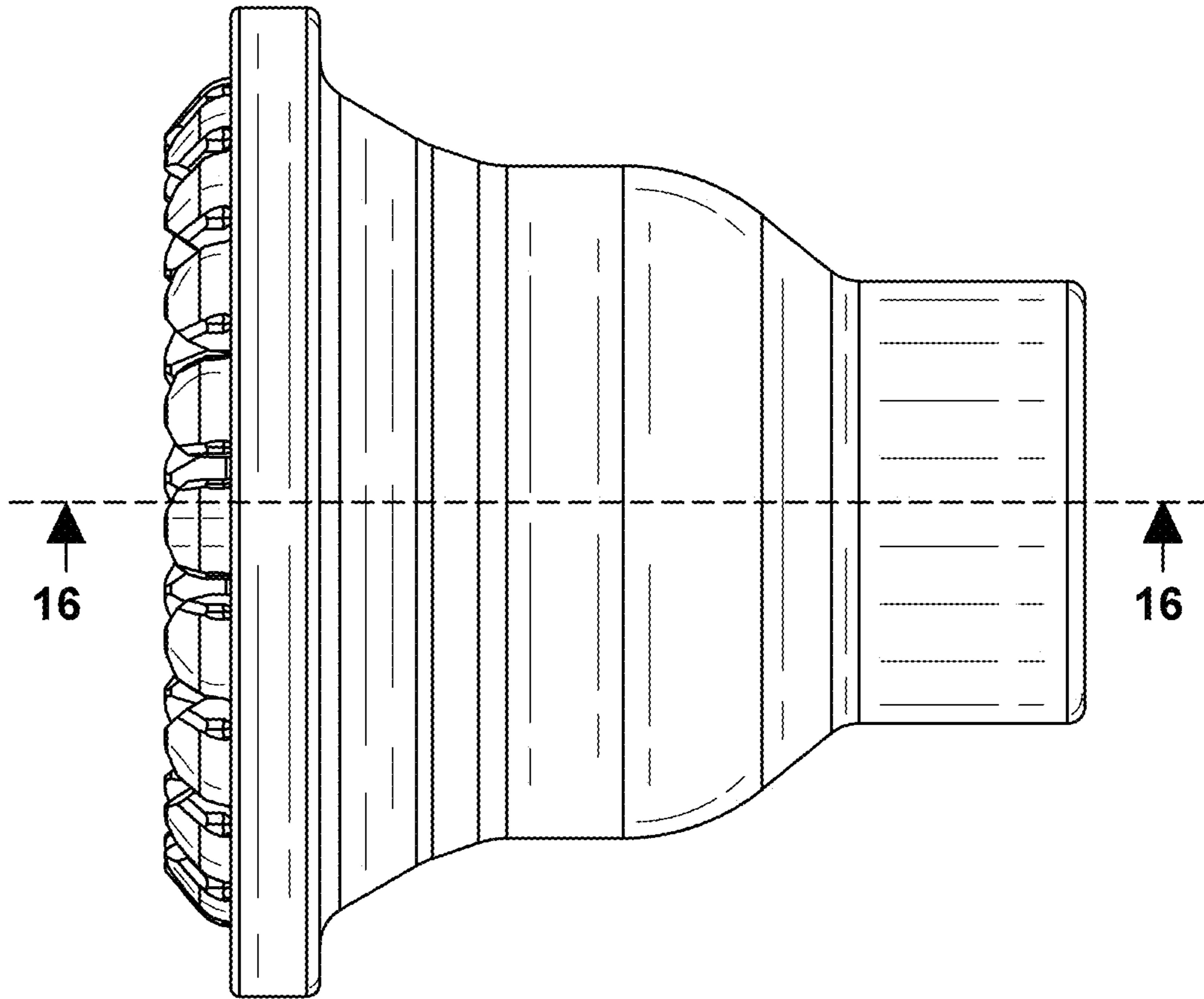
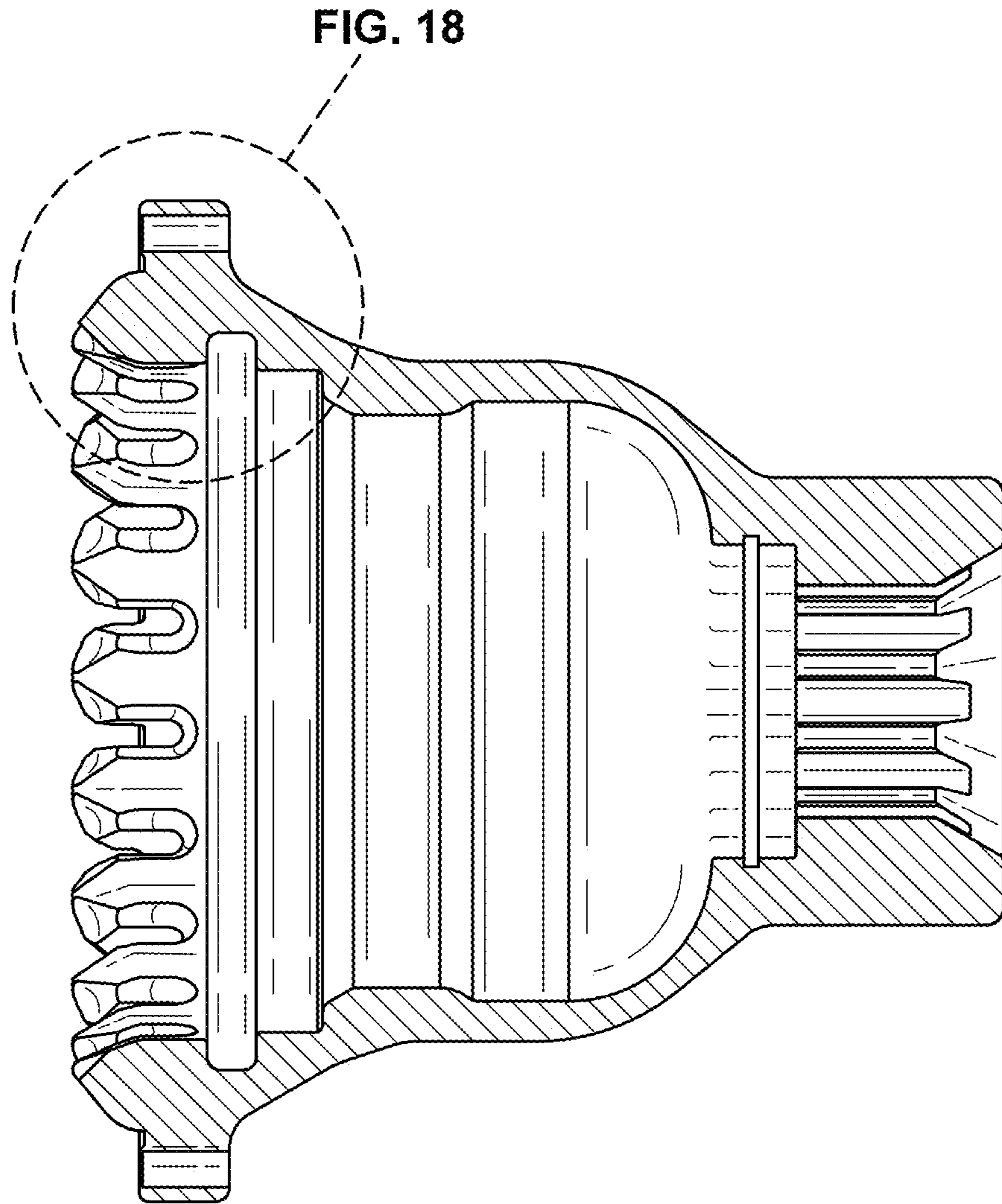


FIG. 15



**FIG. 16**

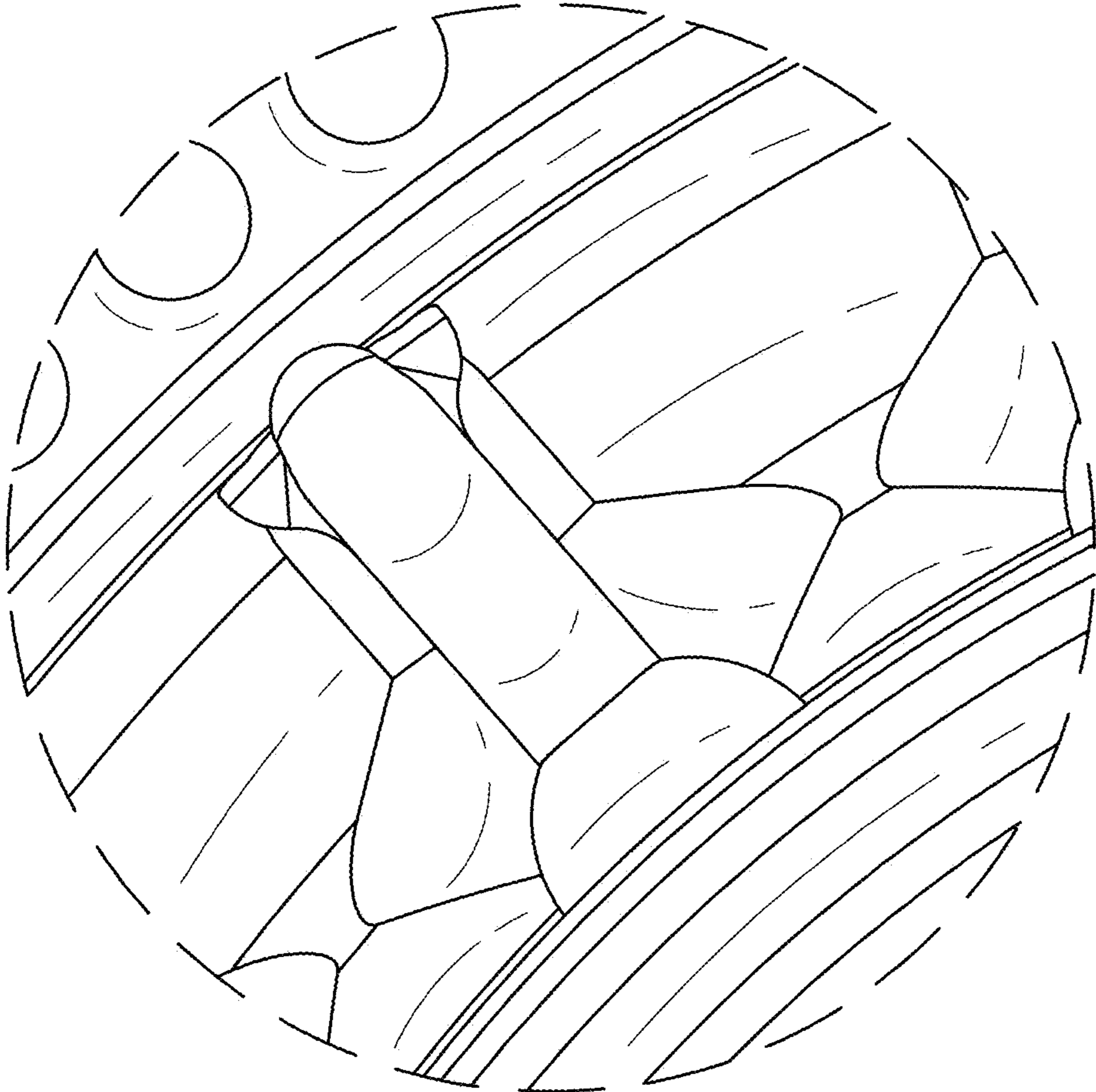


FIG. 17

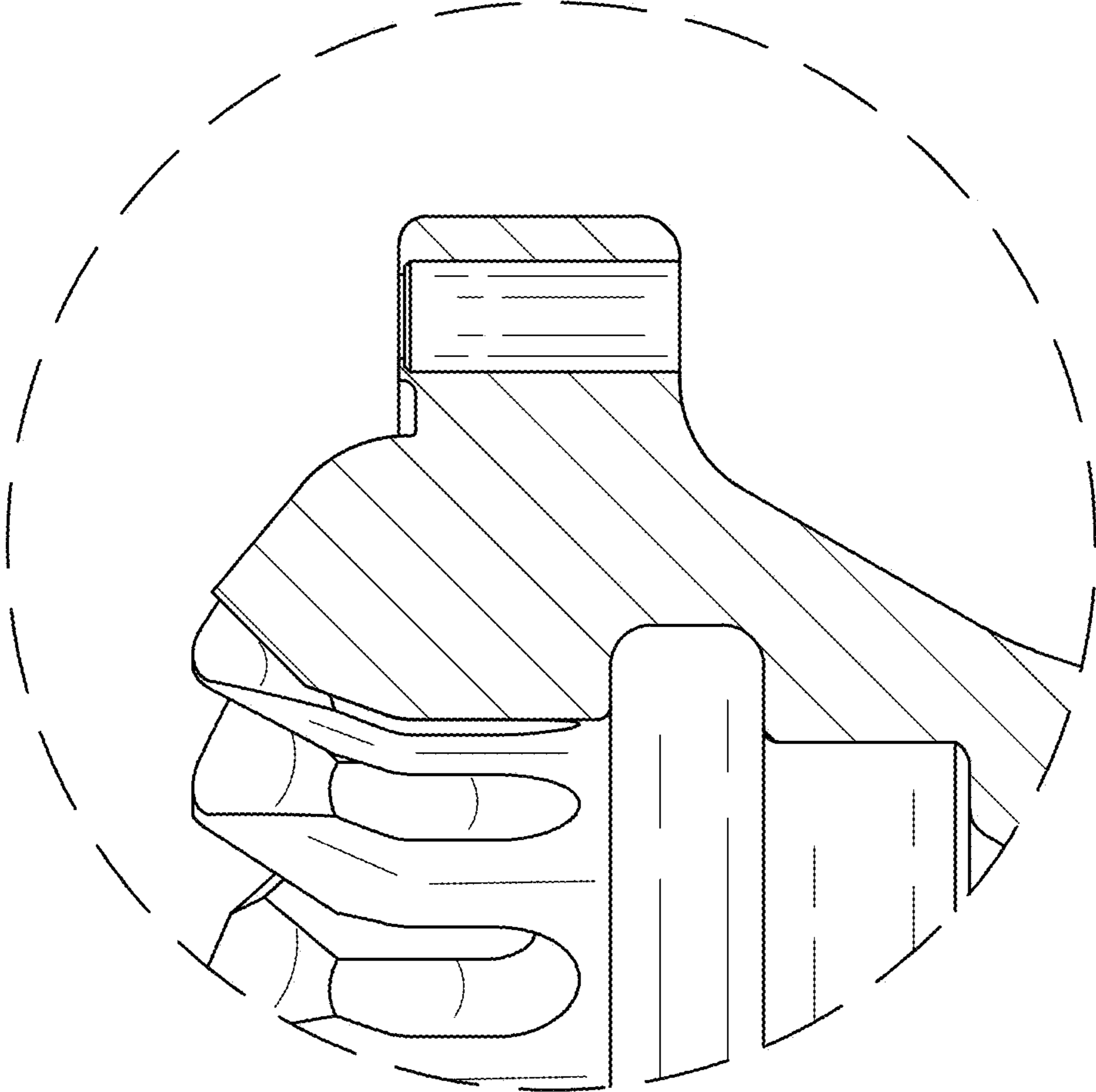


FIG. 18