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**Korte et al.**

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(54) **RING BIT**

(71) Applicants: **Pasi Korte**, Lempäälä (FI); **Sami Eskelin**, Talma (FI); **Mikko Mattila**, Turku (FI); **Antti Leino**, Ylöjärvi (FI)

(72) Inventors: **Pasi Korte**, Lempäälä (FI); **Sami Eskelin**, Talma (FI); **Mikko Mattila**, Turku (FI); **Antti Leino**, Ylöjärvi (FI)

(73) Assignee: **ROBIT OYJ**, Lempäälä (FI)

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

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(51) **LOC (10) Cl.** ..... **15-09**

(52) **U.S. Cl.**  
USPC ..... **D15/139**

(58) **Field of Classification Search**  
USPC ..... D15/11, 28, 29, 32, 124-143; D8/16-20  
CPC ..... E21B 34/14; E21B 2033/105; E21B 2034/002; E21B 21/003; E21B 23/04; E21B 29/02; E21B 33/10; E21B 33/1208; E21B 33/13; E21B 33/134; E21B 33/138; E21B 33/16; E21B 34/00; E21B 10/322; E21B 17/01; E21B 17/078; E21B 21/065; E21B 21/08; E21B 33/038; E21B 33/06; E21B 34/06; E21B 41/00; E21B 43/08; E21B 43/26; E21B 47/026; E21B 4/02; E21B 10/26; E21B 12/00; E21B 15/003; E21B 17/1014; E21B 17/021; E21B 19/004; E21B 19/006; E21B 19/06; E21B 19/10; E21B 19/22; E21B 19/24; E21B 2021/006; E21B 2034/005; E21B 2034/007; E21B 21/001

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

1,713,273 A \* 5/1929 Farrington ..... B23C 5/04  
407/31  
5,839,519 A 11/1998 Spedale

6,035,953 A 3/2000 Rear  
D481,045 S \* 10/2003 Ahn ..... D15/139  
8,974,155 B2 \* 3/2015 Dressler ..... B23C 5/04  
144/236  
D745,584 S \* 12/2015 Heilmeyer ..... D15/139  
D748,701 S \* 2/2016 Velozny ..... D15/133  
D753,201 S \* 4/2016 Kim ..... D15/139  
D753,738 S \* 4/2016 Kim ..... D15/139  
D771,165 S \* 11/2016 Kim ..... D15/139

(Continued)

**FOREIGN PATENT DOCUMENTS**

JP 2003166390 6/2003  
KR 20150014276 2/2015  
WO 98/13575 4/1998

**OTHER PUBLICATIONS**

Search Report, Finnish Application No. 20155502 (dated Feb. 25, 2016).

*Primary Examiner* — Ian Simmons

*Assistant Examiner* — Khawaja Anwar

(74) *Attorney, Agent, or Firm* — Thompson Hine LLP

(57) **CLAIM**

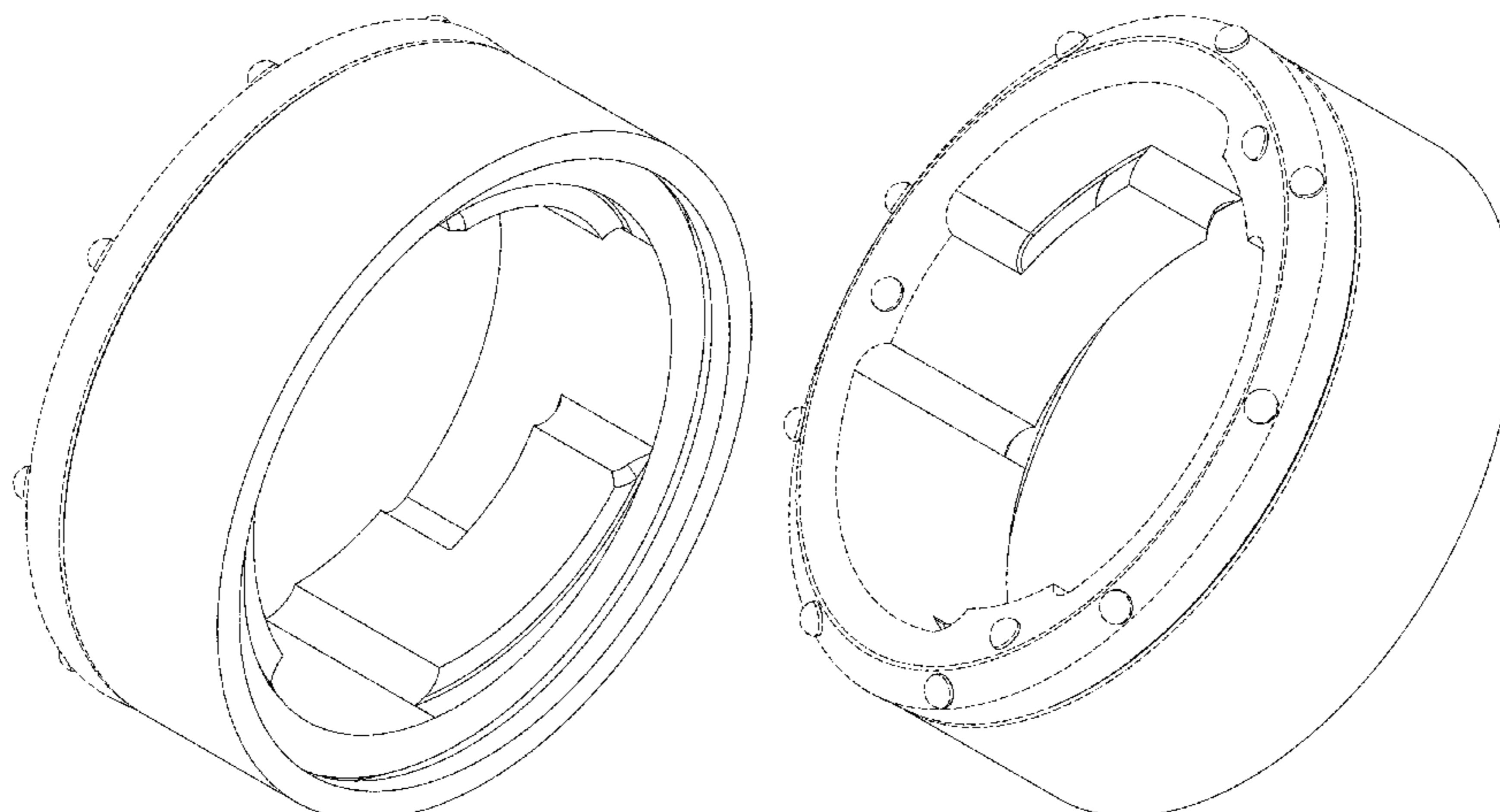
The ornamental design for a ring bit, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of the design;  
FIG. 2 is another perspective view of the design;  
FIG. 3 is a first end view of the design;  
FIG. 4 is another perspective view of the design;  
FIG. 5 is a second end view of the design; and,  
FIG. 6 is a side view of the design.

The broken lines shown in the drawings illustrate the portions of the ring bit that form no part of the claimed design.

**1 Claim, 6 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

2007/0256287 A1\* 11/2007 Kocherovsky ..... B23C 5/207  
29/428  
2008/0175679 A1\* 7/2008 Prichard ..... B23C 5/109  
407/42

\* cited by examiner

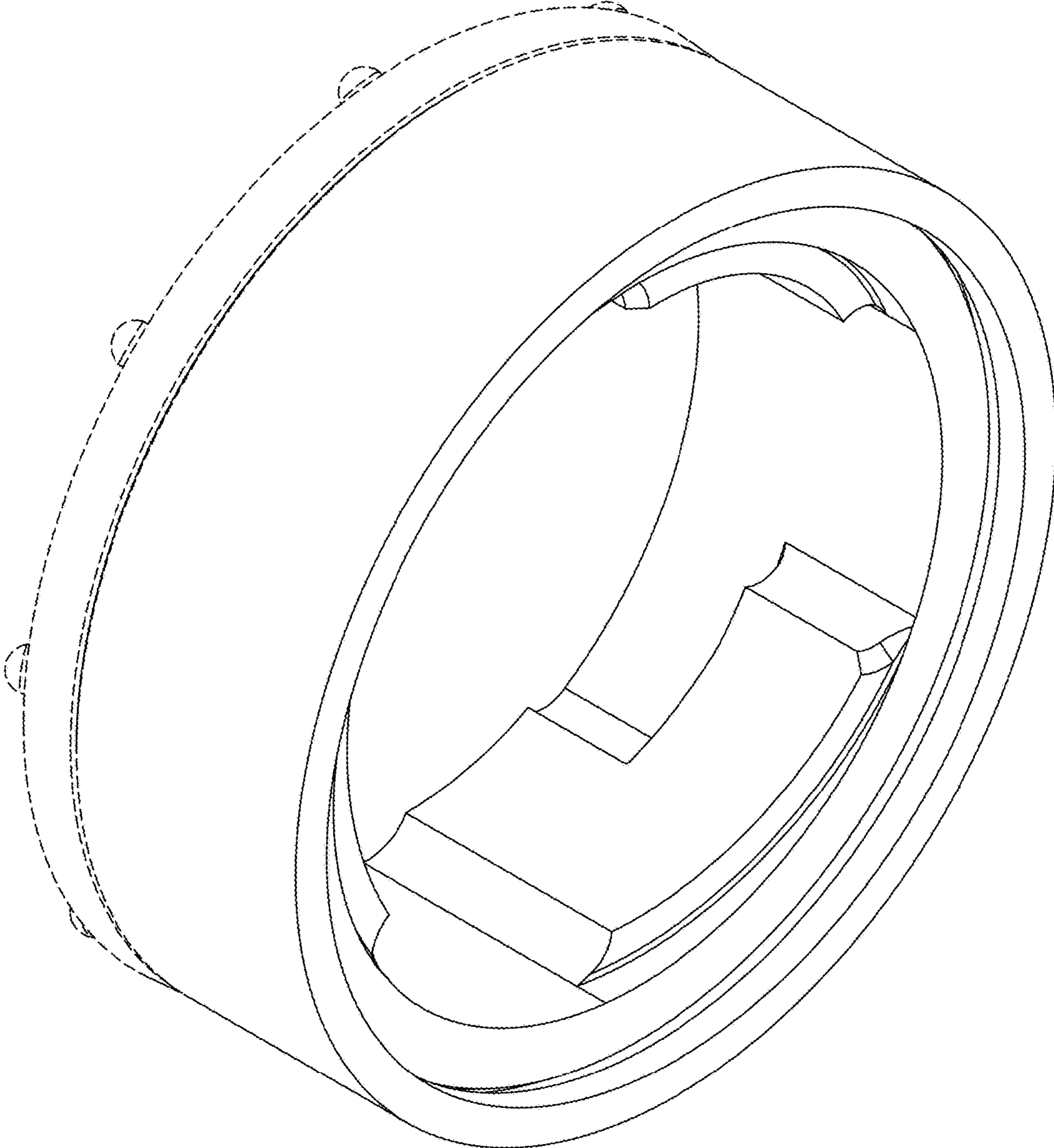


FIG. 1

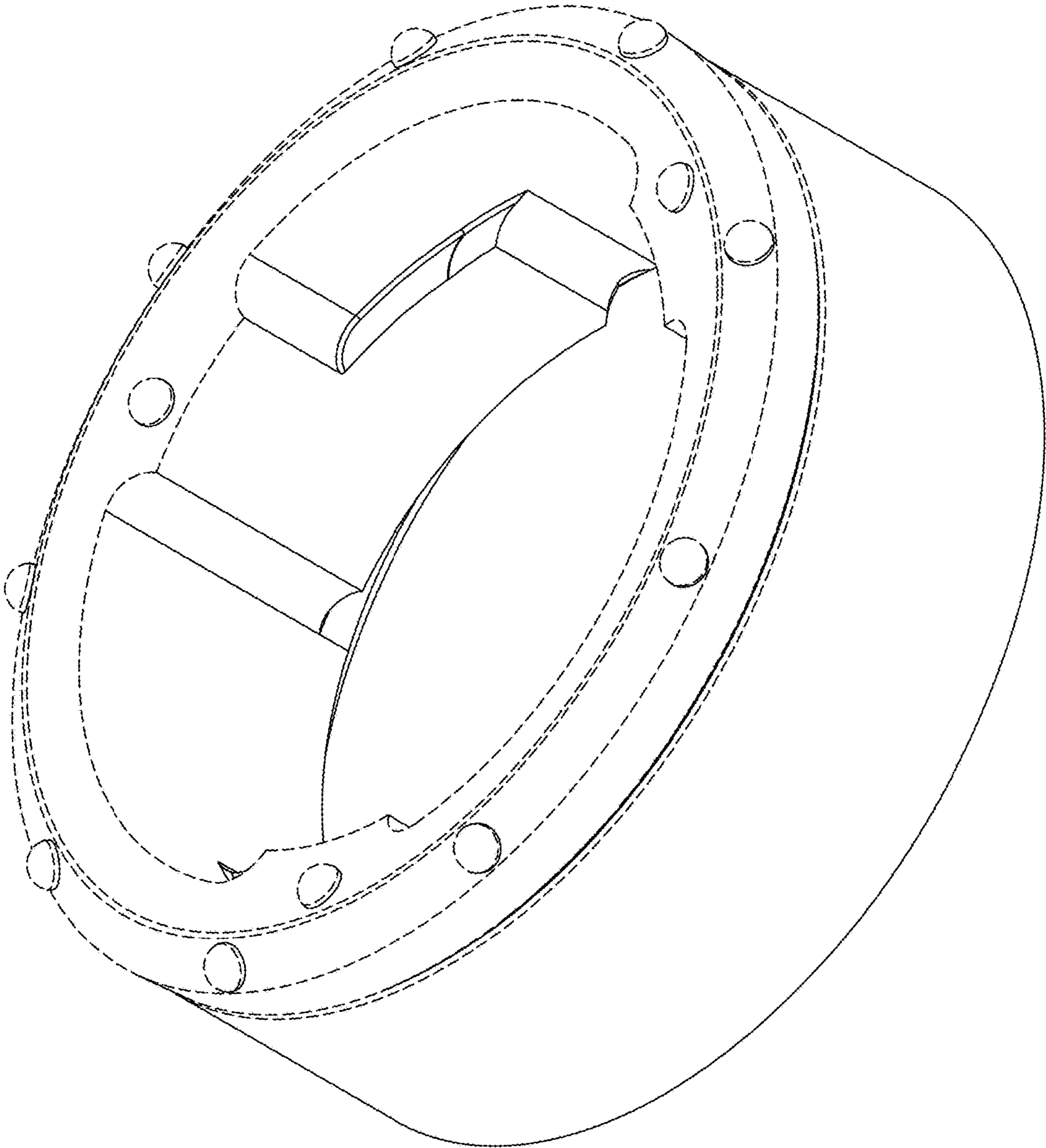


FIG. 2

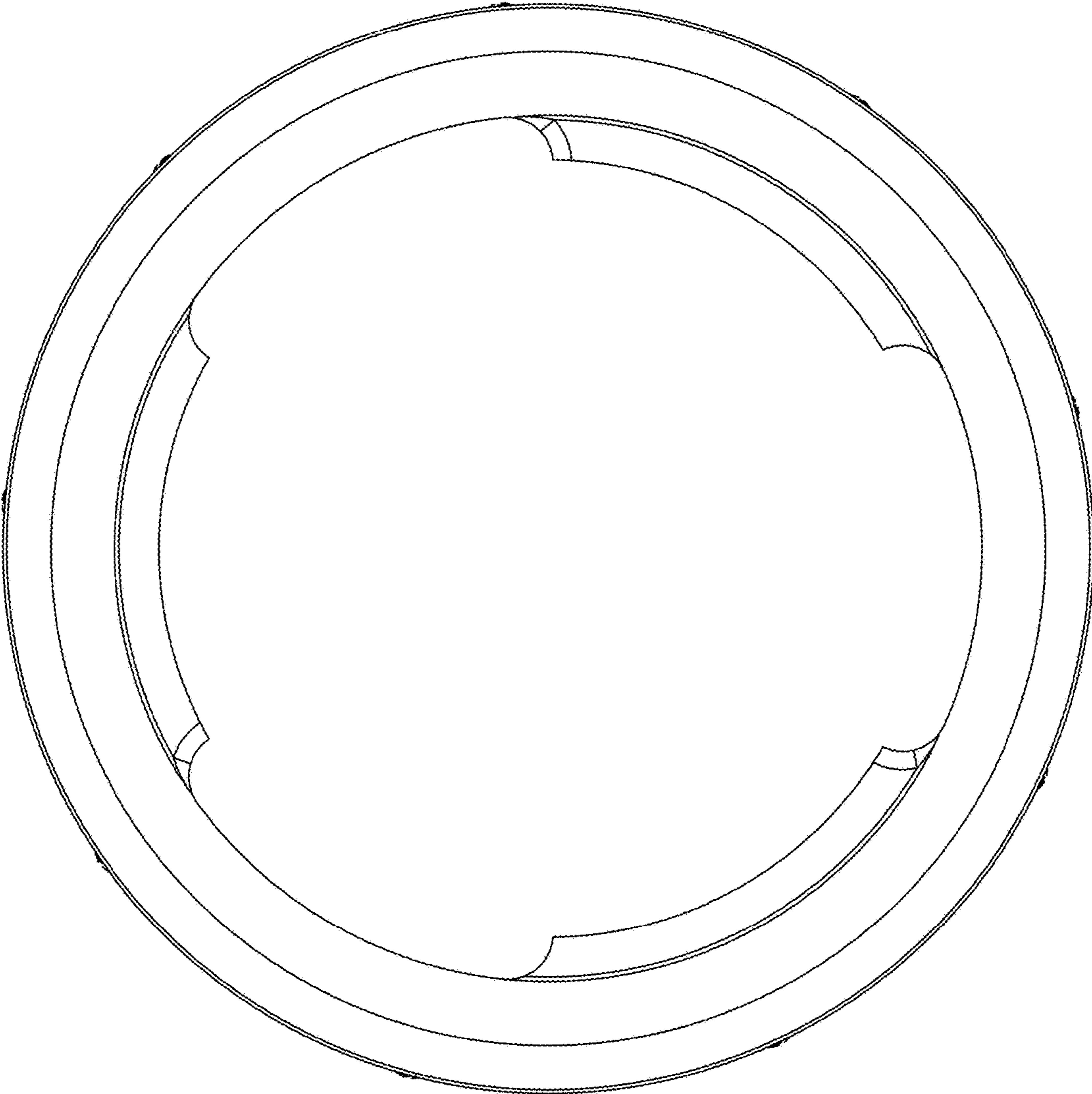


FIG. 3

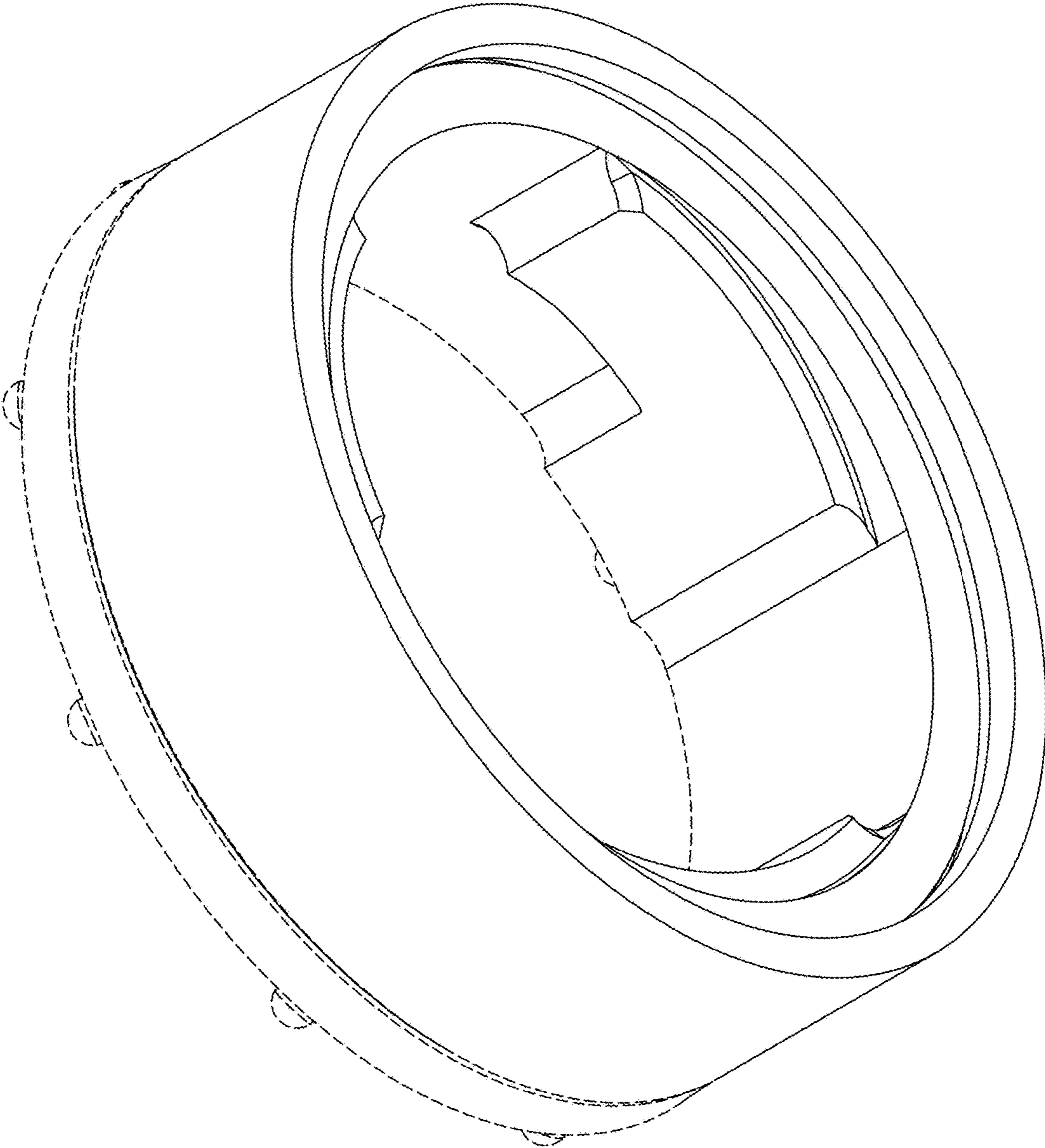


FIG. 4

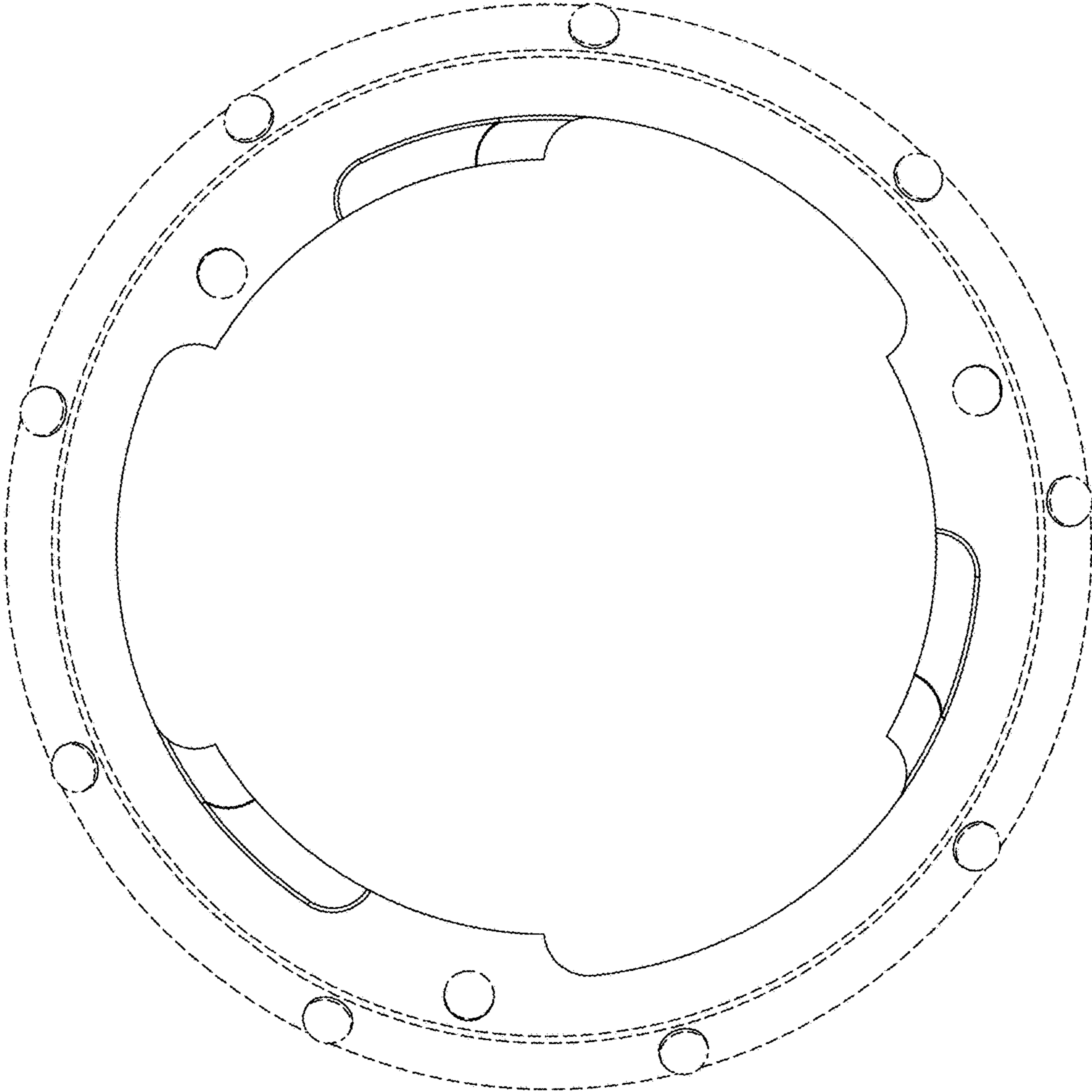


FIG. 5

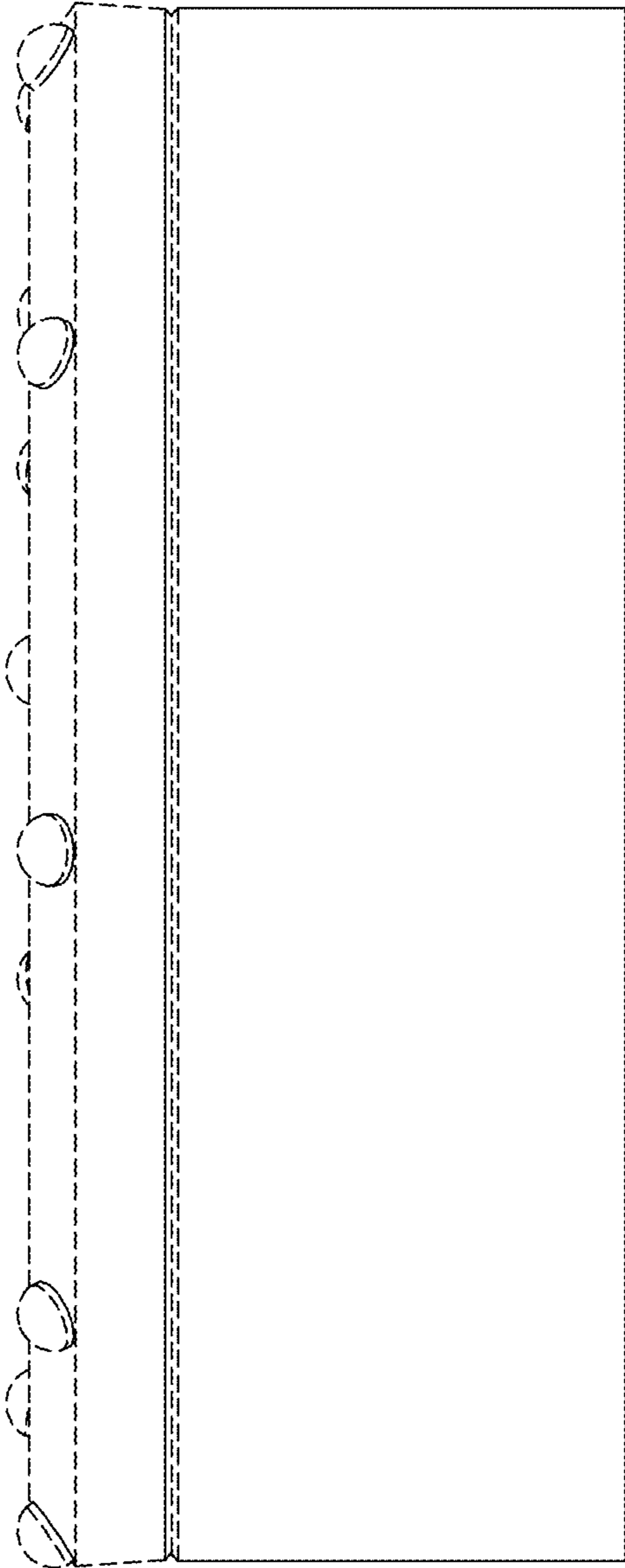


FIG. 6