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(12) **United States Design Patent** (10) **Patent No.:** **US D834,689 S**  
**Fujiwara** (45) **Date of Patent:** **\*\* Nov. 27, 2018**

(54) **LIQUID PIPE COUPLING UNIVERSAL JOINT**

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(73) Assignee: **FKS Co., Ltd.**, Kawasaki-shi (JP)

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

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(21) Appl. No.: **29/617,018**

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**Related U.S. Application Data**

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(63) Continuation of application No. 15/507,045, filed as application No. PCT/JP2015/074557 on Aug. 25, 2015.

U.S. Appl. No. 15/507,045, filed Aug. 3, 2017.

(30) **Foreign Application Priority Data**

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Jul. 28, 2015 (JP) ..... 2015-148313

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(51) **LOC (11) Cl.** ..... **23-01**

(74) *Attorney, Agent, or Firm* — Greer Burns & Crain

(52) **U.S. Cl.**

Ltd.

USPC ..... **D23/263**

(58) **Field of Classification Search**

(57) **CLAIM**

USPC ..... D23/259-260, 262-266; 285/56, 189, 285/194, 286.1, 180, 181, 197, 11-12, 38, 285/179, 270; 403/314, 75, 78; 251/147, 251/148, 149.4, 149.6, 152, 155

The ornamental design for the liquid pipe coupling universal joint, as shown and described.

CPC ..... F16L 5/027; F16L 5/10; F16L 23/0283; F16L 55/00; F16L 37/113; F16L 37/133; F16L 37/138; F16L 37/252; F16L 41/007; F16L 27/06; E03D 11/00; E03C 1/26; E03C 1/28; E03C 1/262

**DESCRIPTION**

See application file for complete search history.

FIG. 1 is a perspective view of the liquid pipe coupling universal joint showing my new design;

(56) **References Cited**

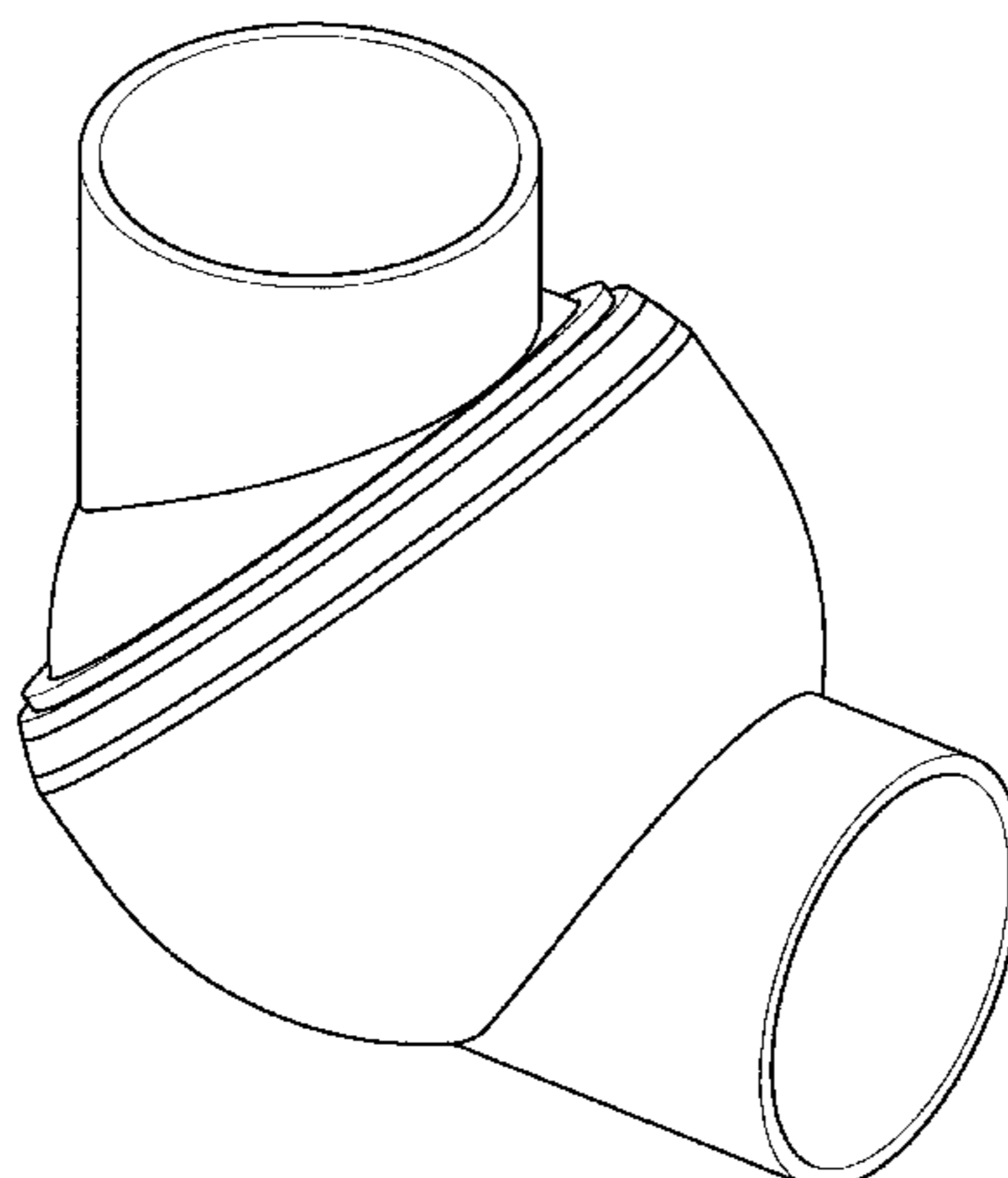
FIG. 2 is a front view of the liquid pipe coupling universal joint of FIG. 1;

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FIG. 3 is a plan view of the liquid pipe coupling universal joint of FIG. 1;

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FIG. 4 is a bottom view of the liquid pipe coupling universal joint of FIG. 1;

FIG. 5 is a right side view of the liquid pipe coupling universal joint of FIG. 1; and,

FIG. 6 is a left side view of the liquid pipe coupling universal joint of FIG. 1.

**1 Claim, 6 Drawing Sheets**

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FIG. 1

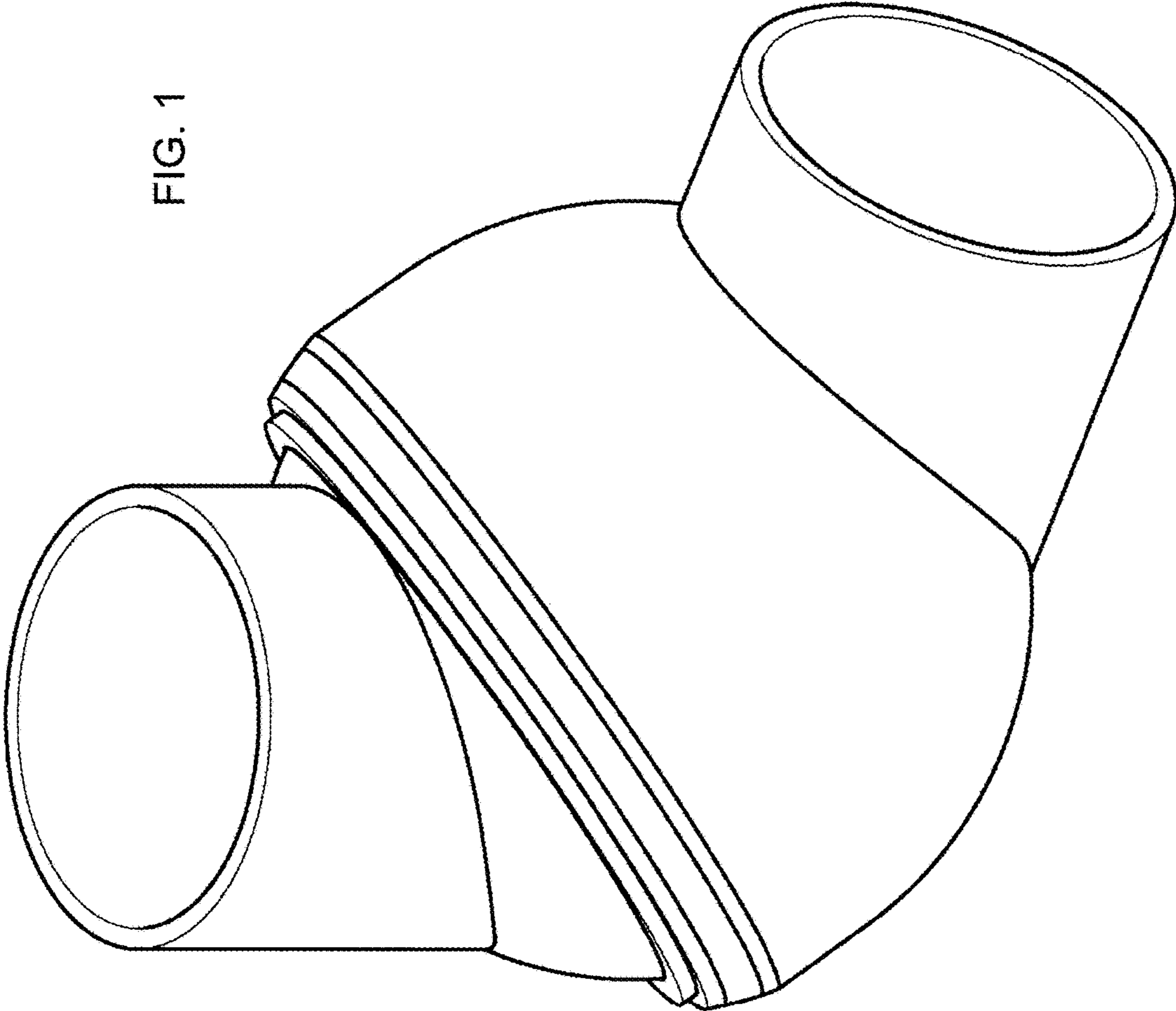


FIG. 2

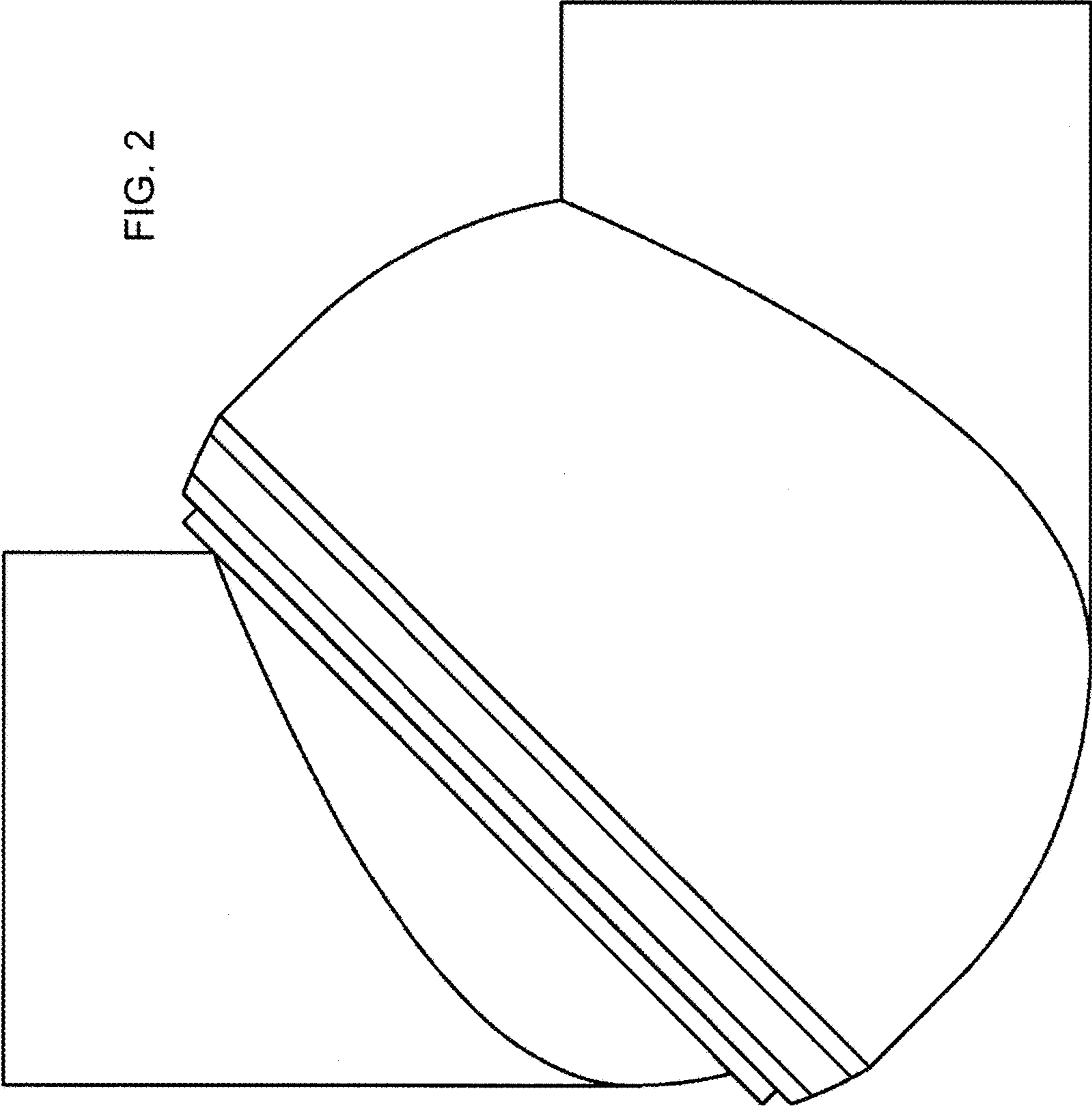


FIG. 3

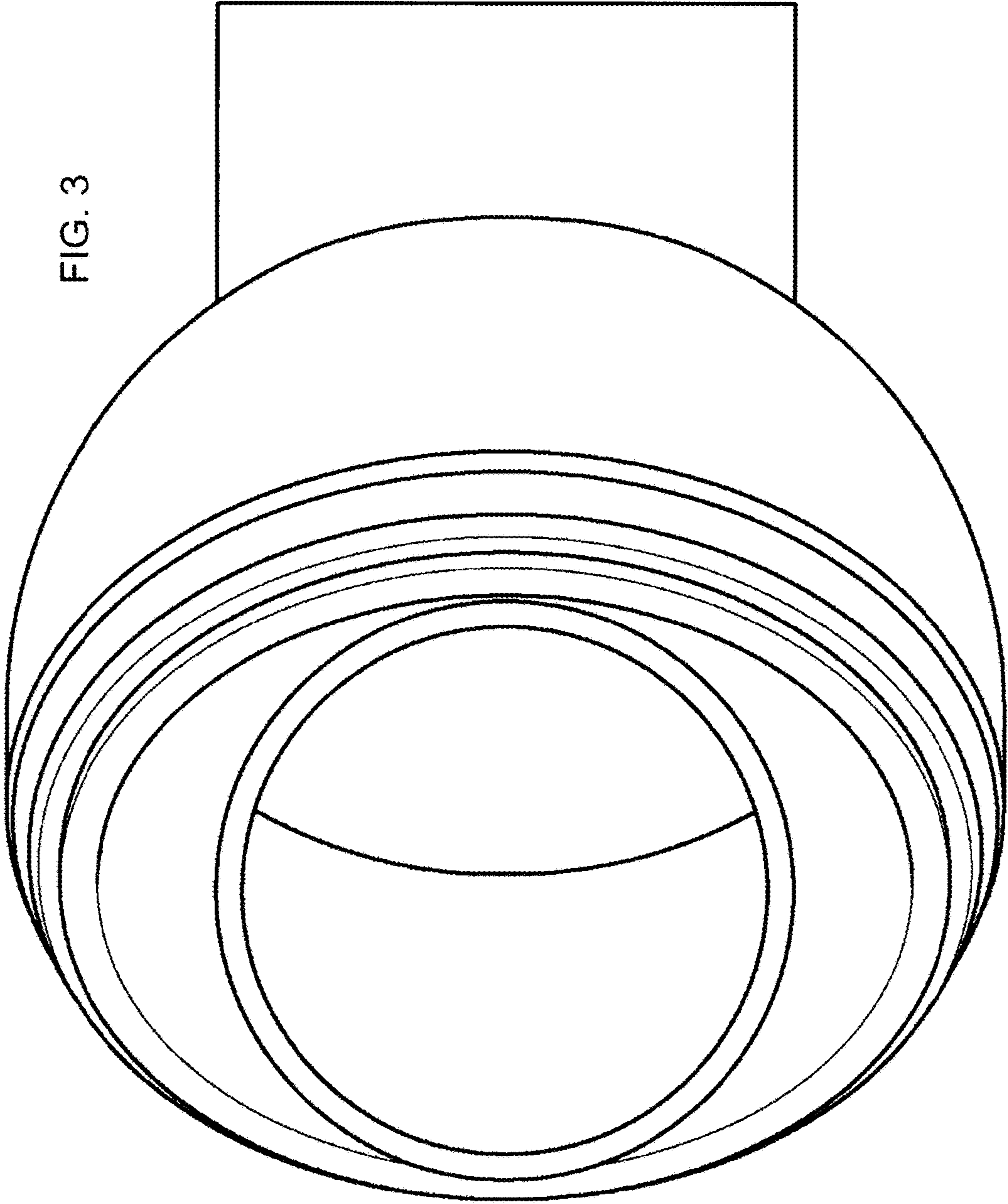
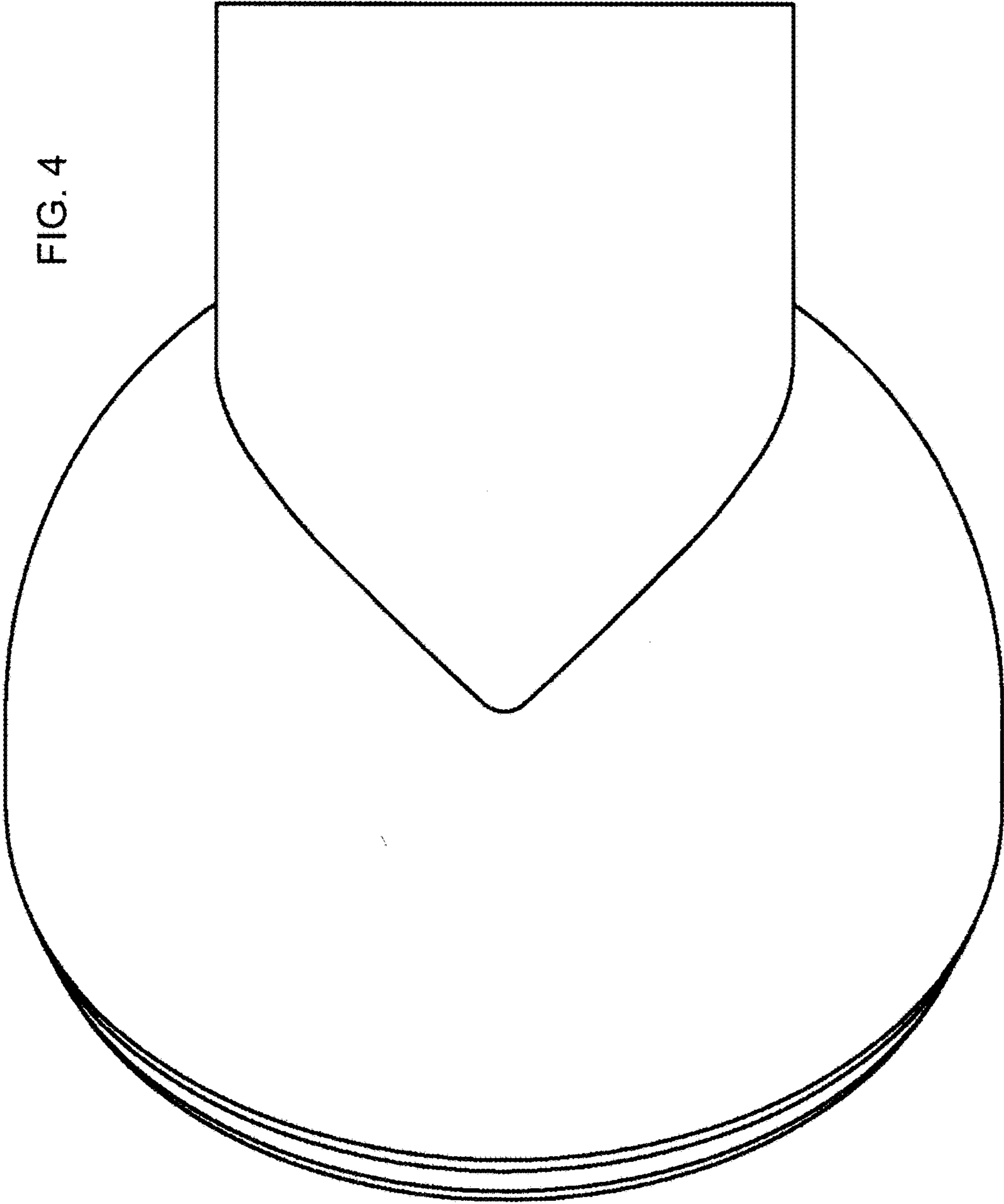


FIG. 4



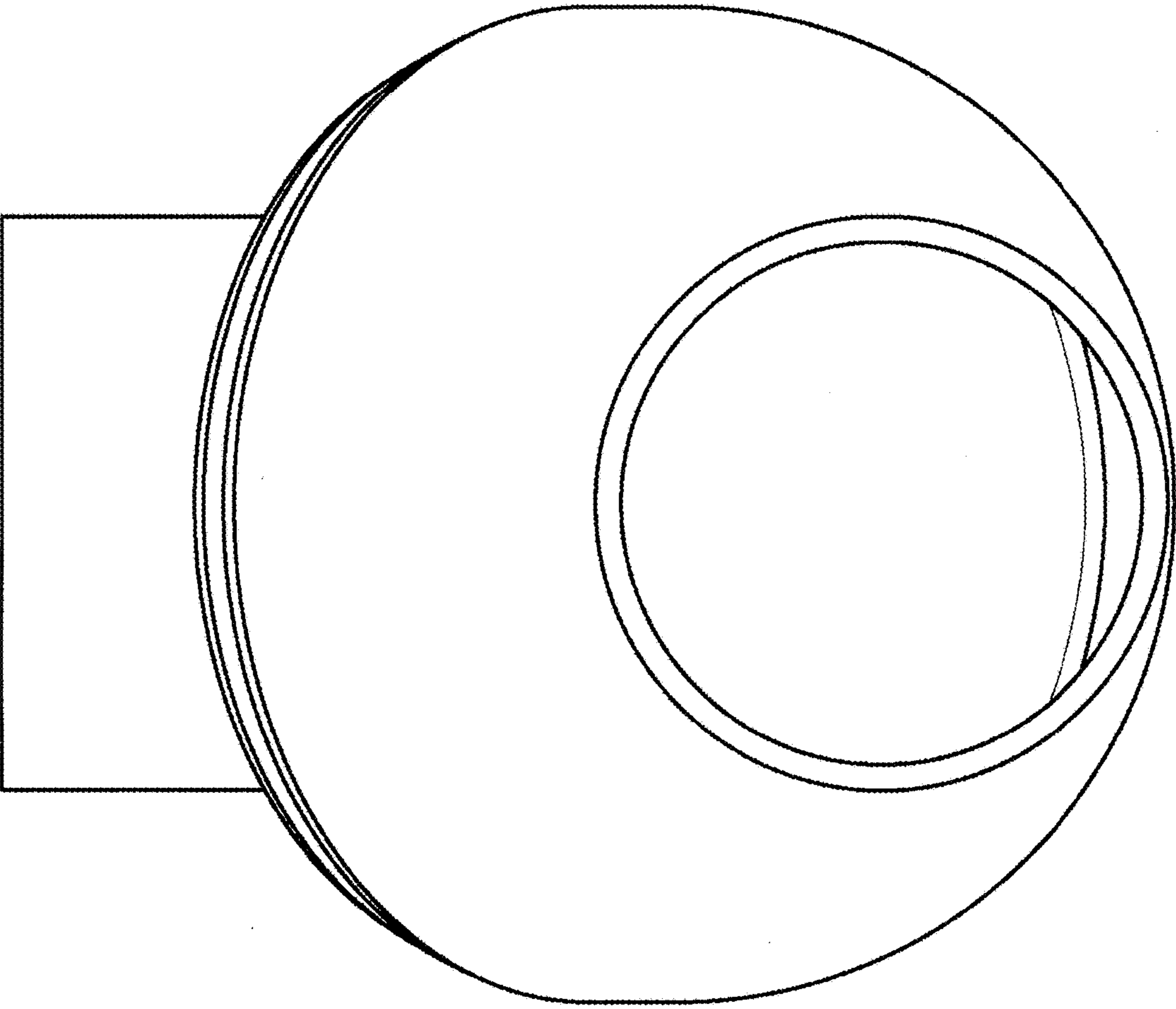


FIG. 5

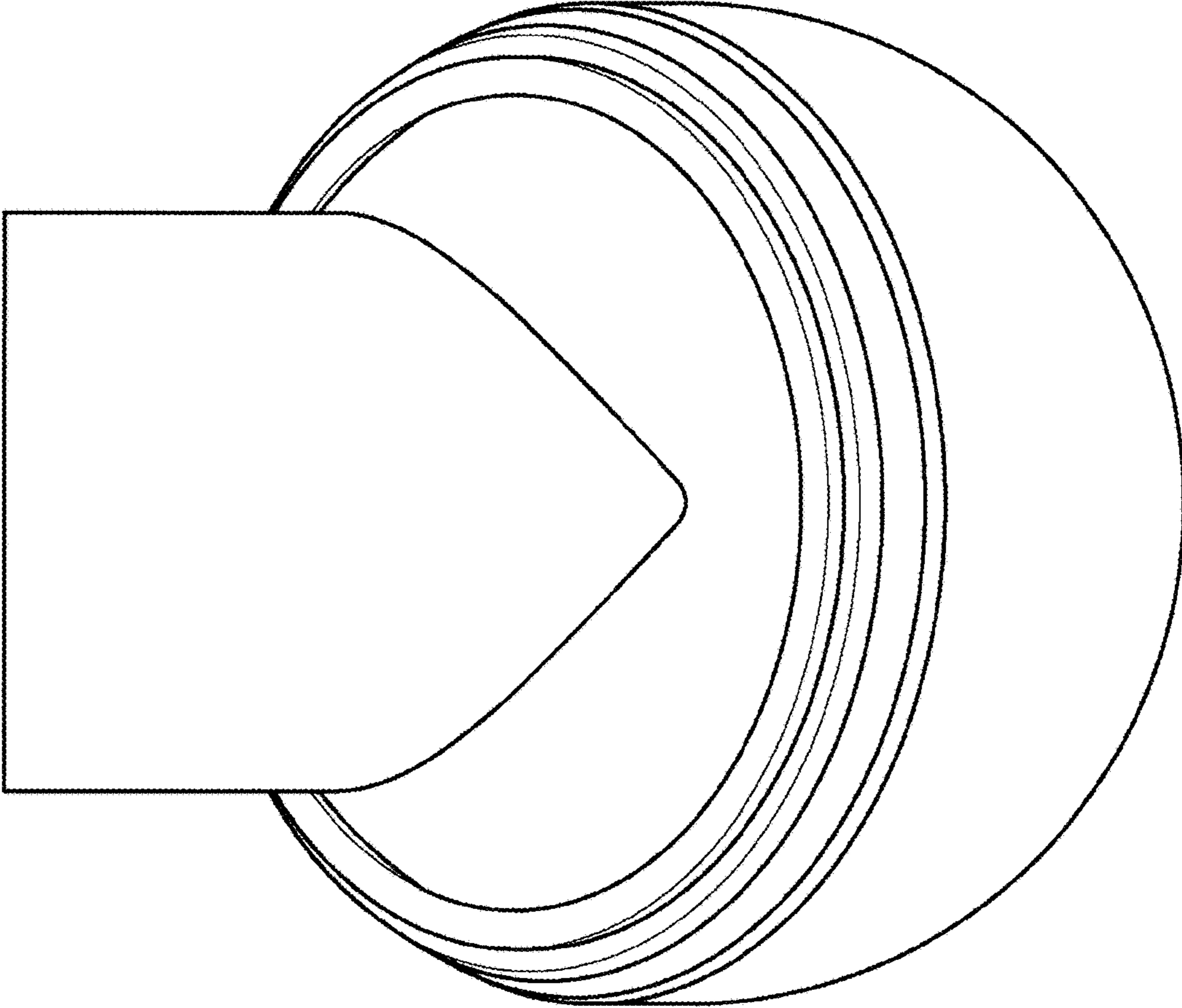


FIG. 6