



US00D891908S

(12) **United States Design Patent**  
**Ito et al.**

(10) **Patent No.:** **US D891,908 S**

(45) **Date of Patent:** **\*\* Aug. 4, 2020**

(54) **METAL END COMPONENT OF A SPOOL FOR WIRE AND THE LIKE**

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

(21) Appl. No.: **29/620,377**

(22) Filed: **Nov. 7, 2016**

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 29/498,085, filed on Jul. 31, 2014, now Pat. No. Des. 786,050.

(30) **Foreign Application Priority Data**

Jun. 25, 2014 (CA) ..... 157302  
May 6, 2016 (CA) ..... 168301

(51) **LOC (12) Cl.** ..... **08-05**

(52) **U.S. Cl.**  
USPC ..... **D8/358**

(58) **Field of Classification Search**  
USPC ..... D8/358, 359, 356; D34/14, 24, 26;  
D22/140; D10/72; D13/155  
(Continued)

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(57) **CLAIM**

The ornamental design for a metal end component of a spool for wire and the like, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a first embodiment of a metal end component of a spool for wire or the like in accordance with the present design, the opening encircled by the stippled line and referenced as “FIG. 2” being part of the design;

FIG. 2 is an enlarged fragmentary view of the opening in FIG. 1;

FIG. 3 is a cross sectional view taken along line 3-3 of FIG. 1;

FIG. 4 is a perspective view of the metal end component of a spool for wire or the like of FIG. 1 as seen from the opposite side, the opening encircled by the stippled line and referenced as “FIG. 5” being part of the design;

FIG. 5 is an enlarged fragmentary view of the opening in FIG. 4;

FIG. 6 is a perspective view of a second embodiment of the metal end component of a spool for wire or the like, the opening encircled by the stippled line and referenced as “FIG. 7” being part of the design;

FIG. 7 is an enlarged fragmentary view of the opening in FIG. 6;

FIG. 8 is a cross sectional view taken along line 8-8 of FIG. 6;

FIG. 9 is a perspective view of the metal end component of a spool for wire or the like of FIG. 6 as seen from the opposite side, the opening encircled by the stippled line and referenced as “FIG. 10” being part of the design; and,

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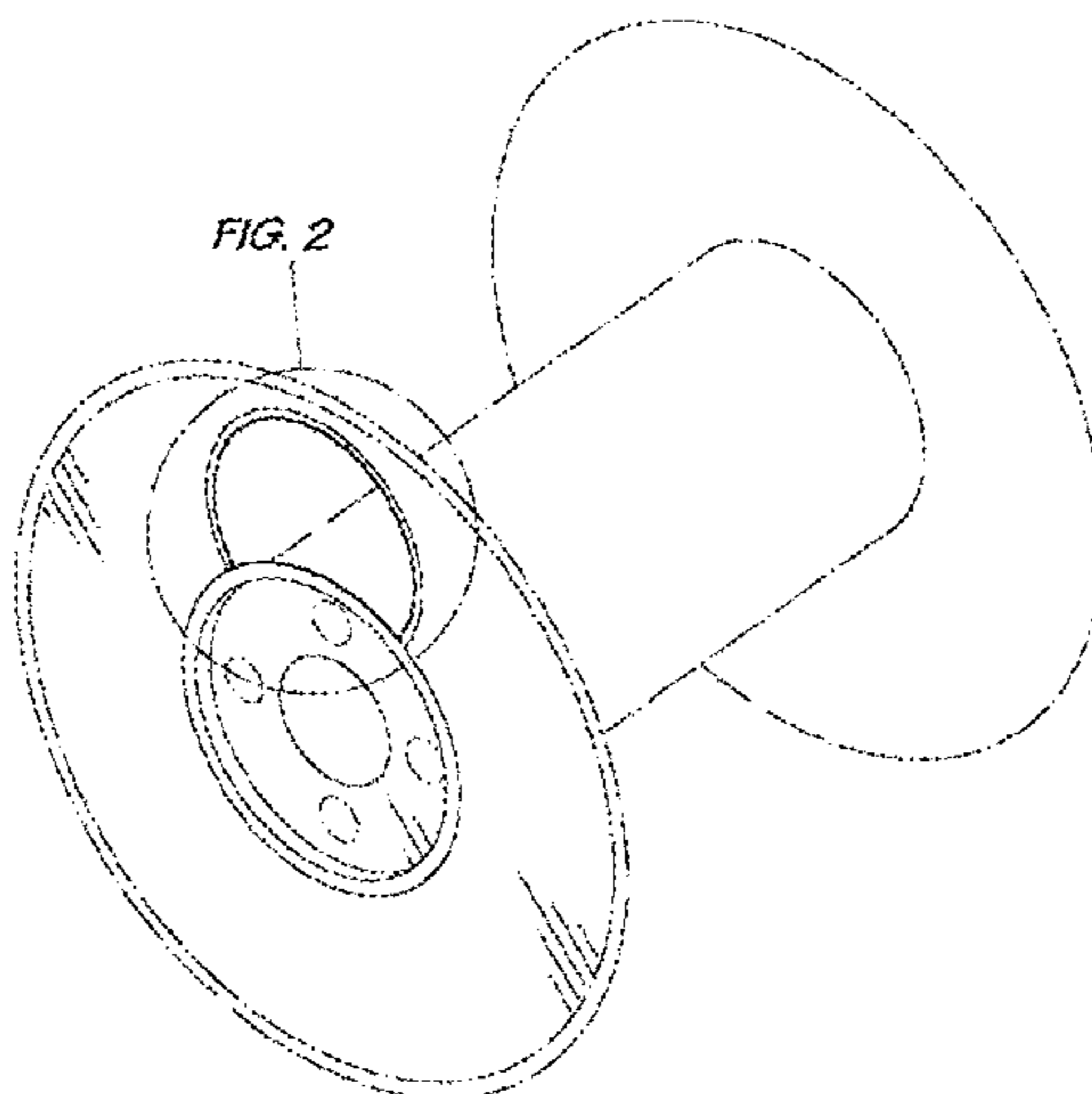


FIG. 10 is an enlarged fragmentary view of the opening in FIG. 9.

The broken lines directly adjacent the solid lines and shaded portions represent the boundary of the claim, all other broken lines represent unclaimed environmental structure and forms no part of the claimed design.

**1 Claim, 4 Drawing Sheets**

(58) **Field of Classification Search**

CPC .... G03B 2217/261; G03B 17/26; G03B 1/46;  
Y10T 29/53465; B29L 2031/704; B29L  
2031/764

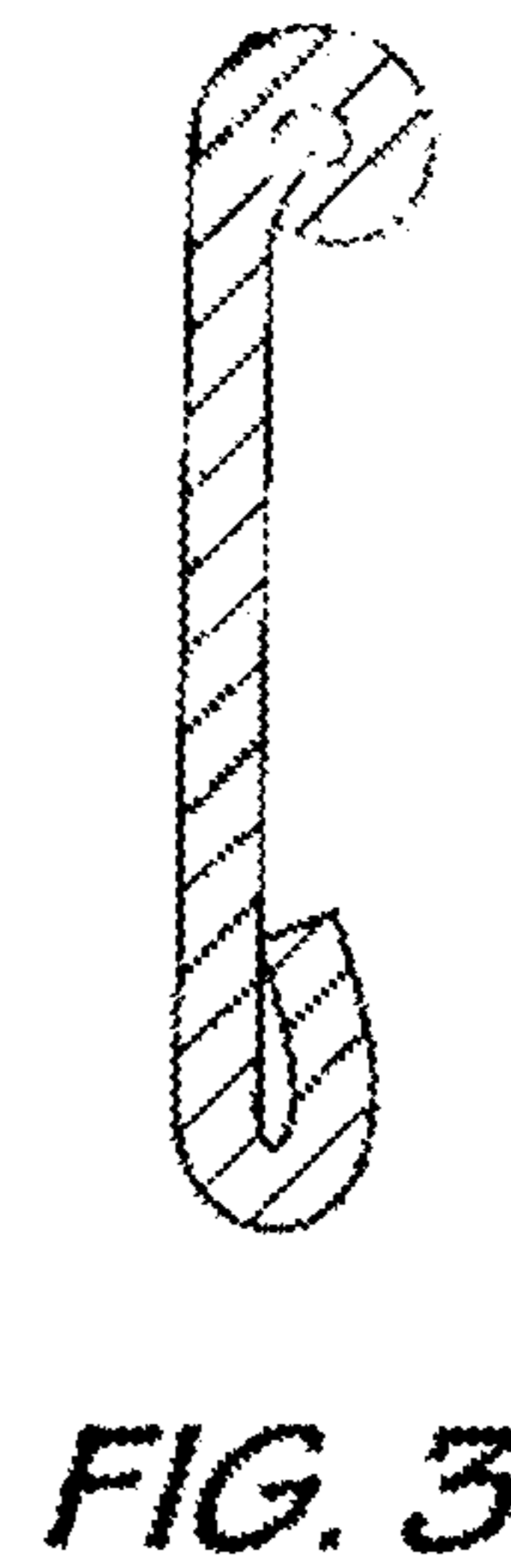
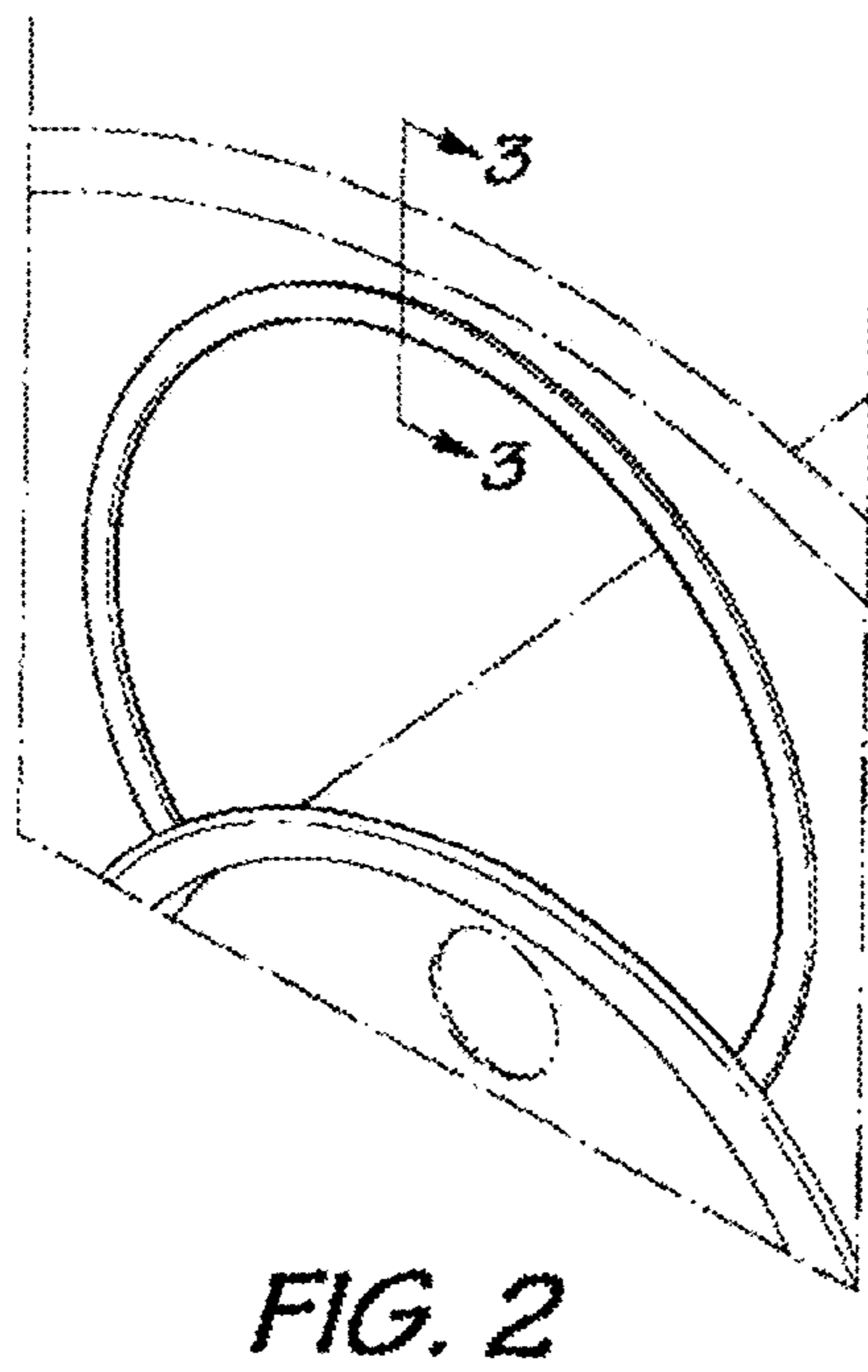
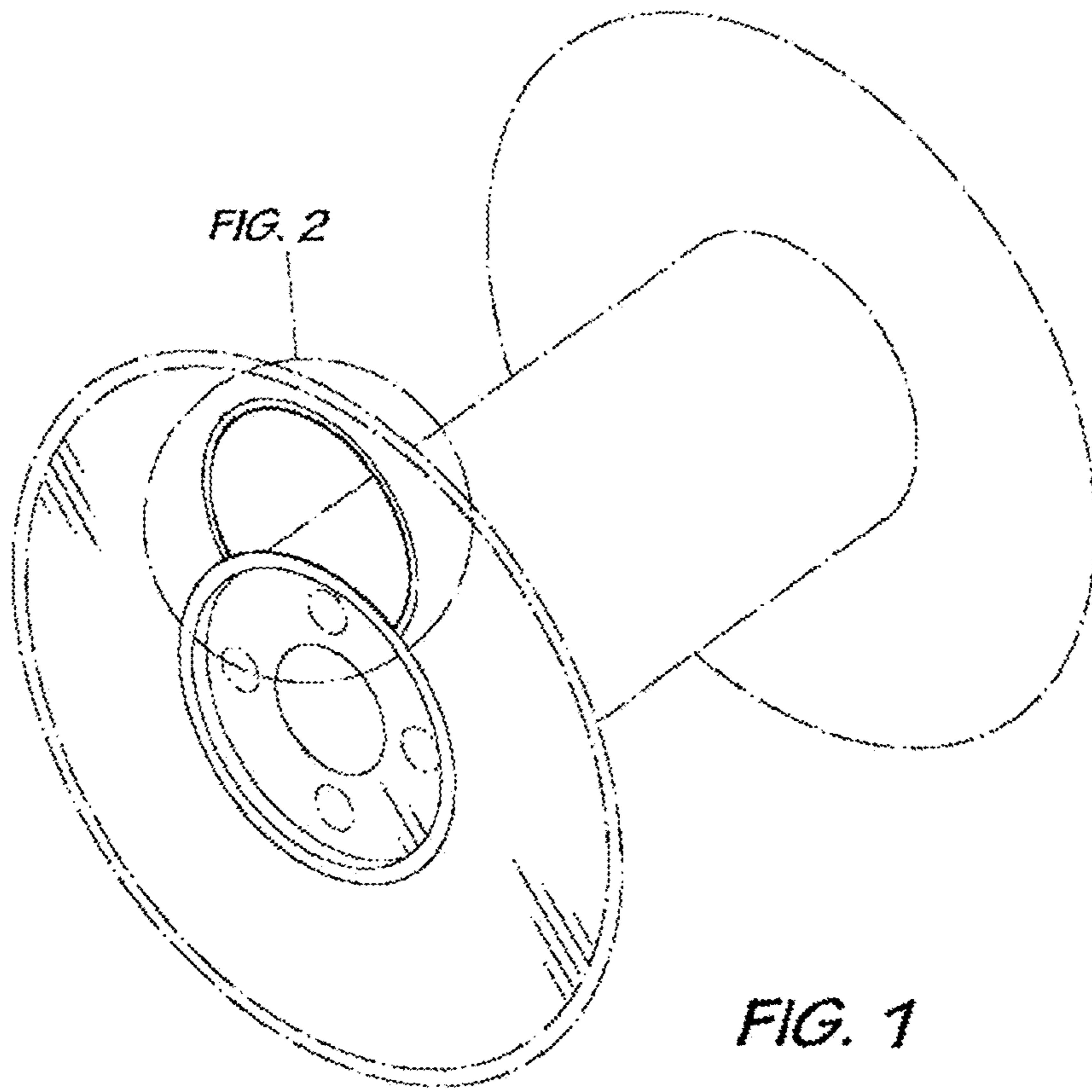
See application file for complete search history.

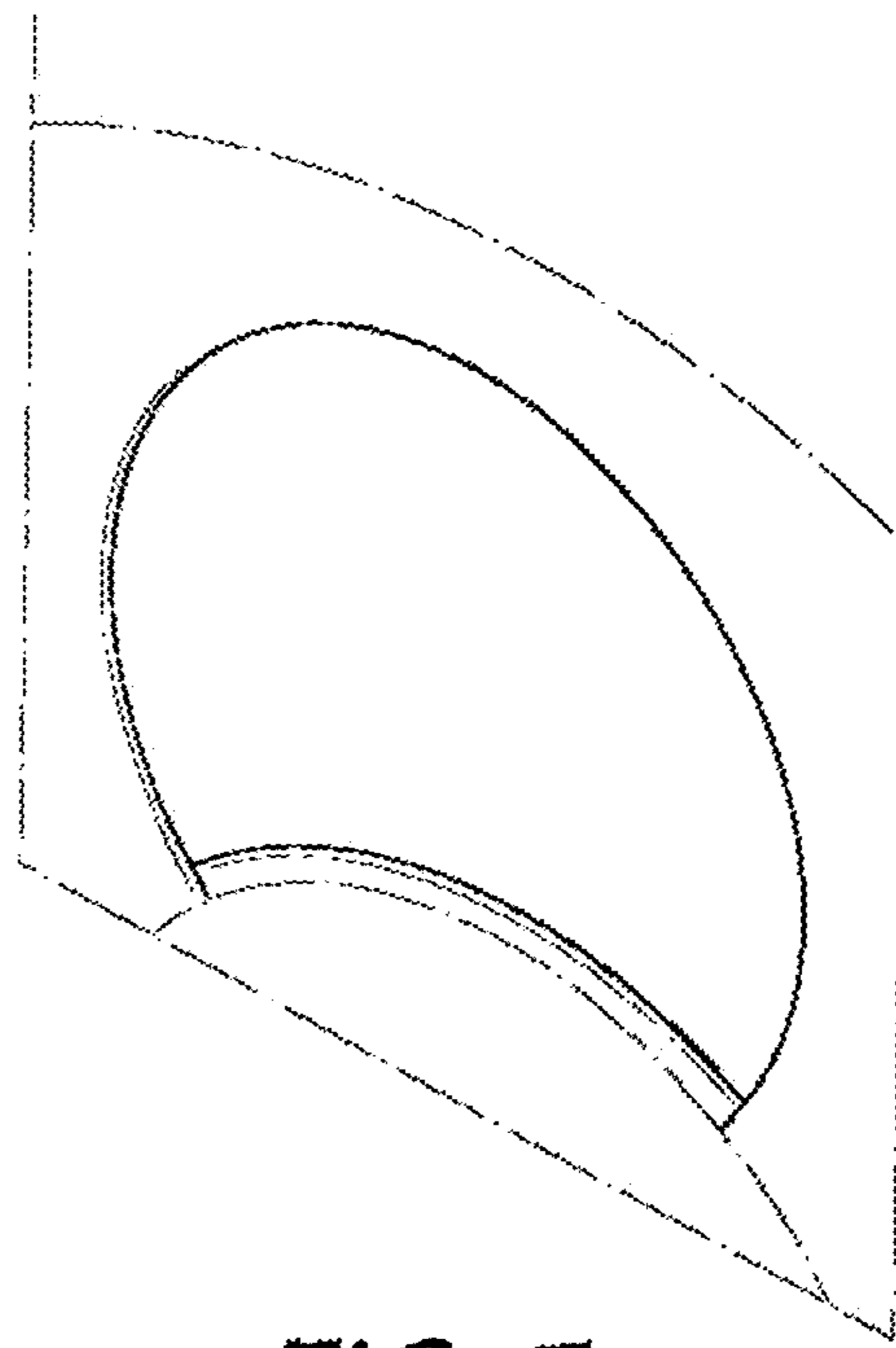
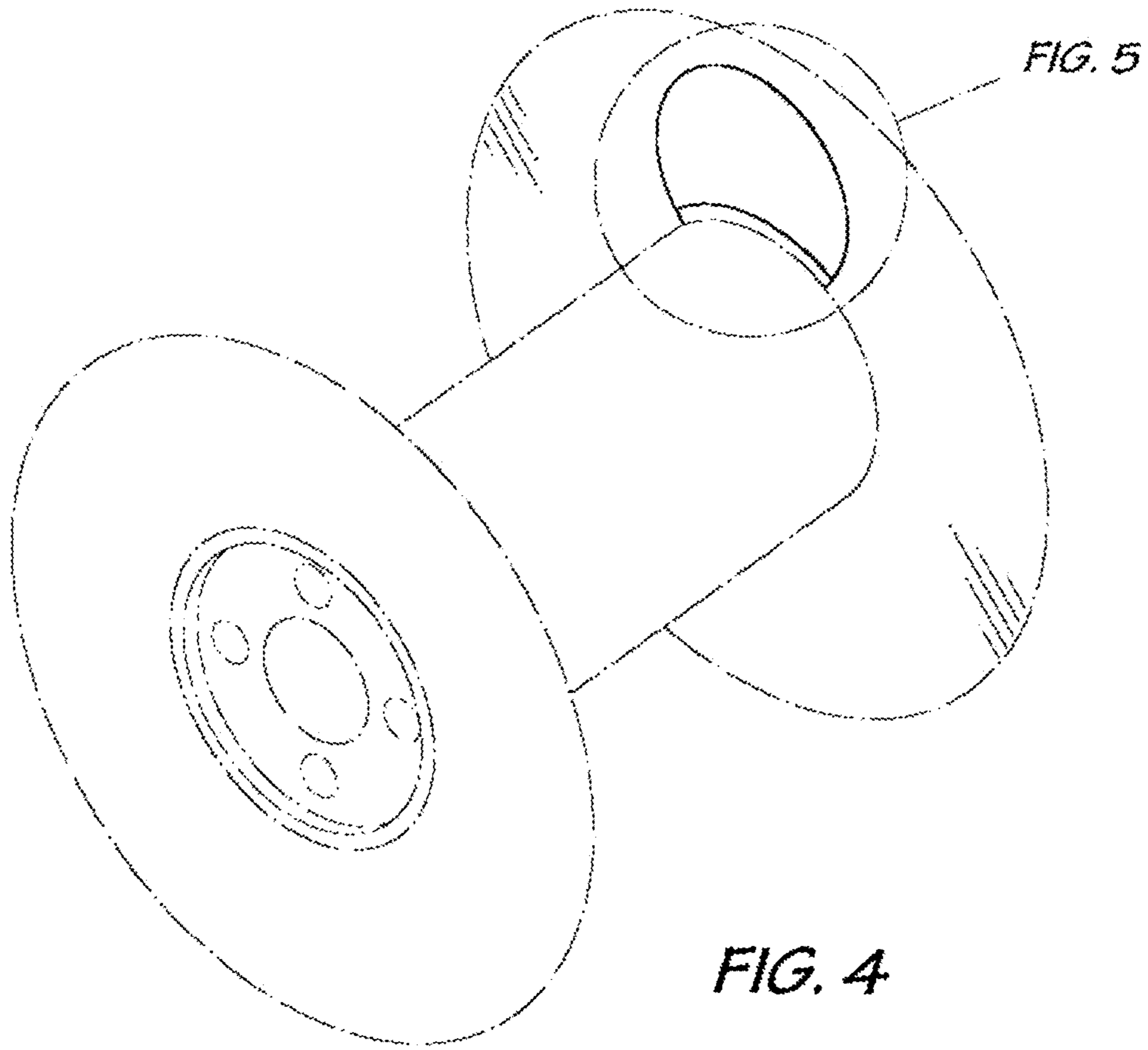
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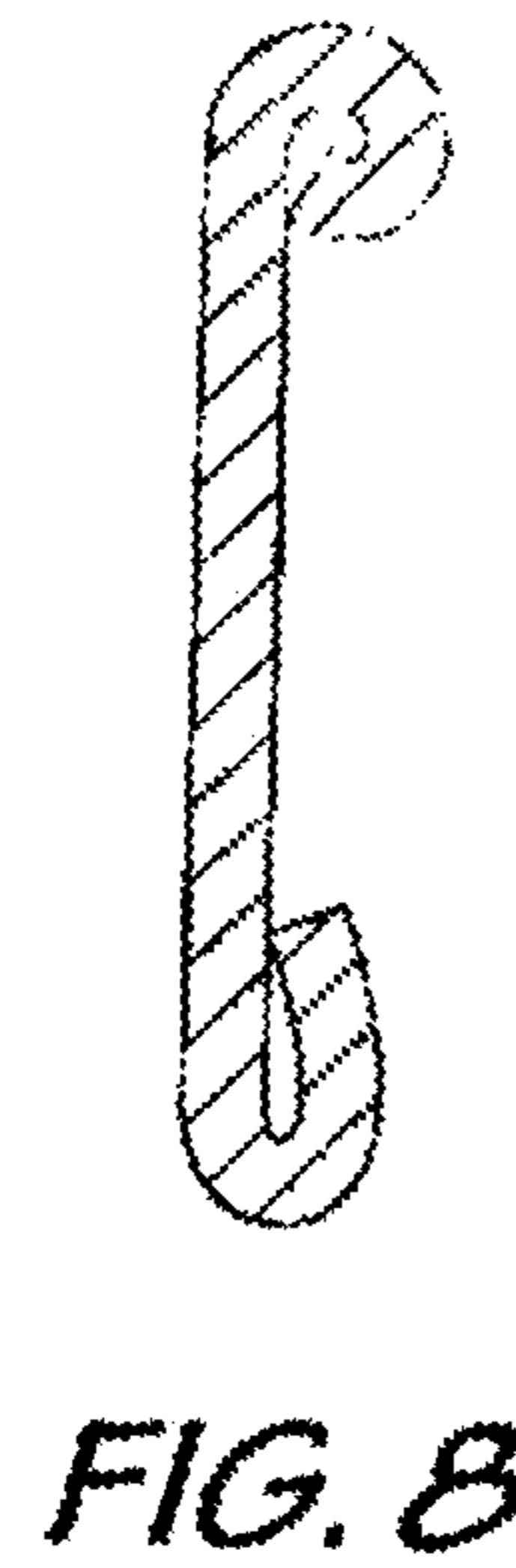
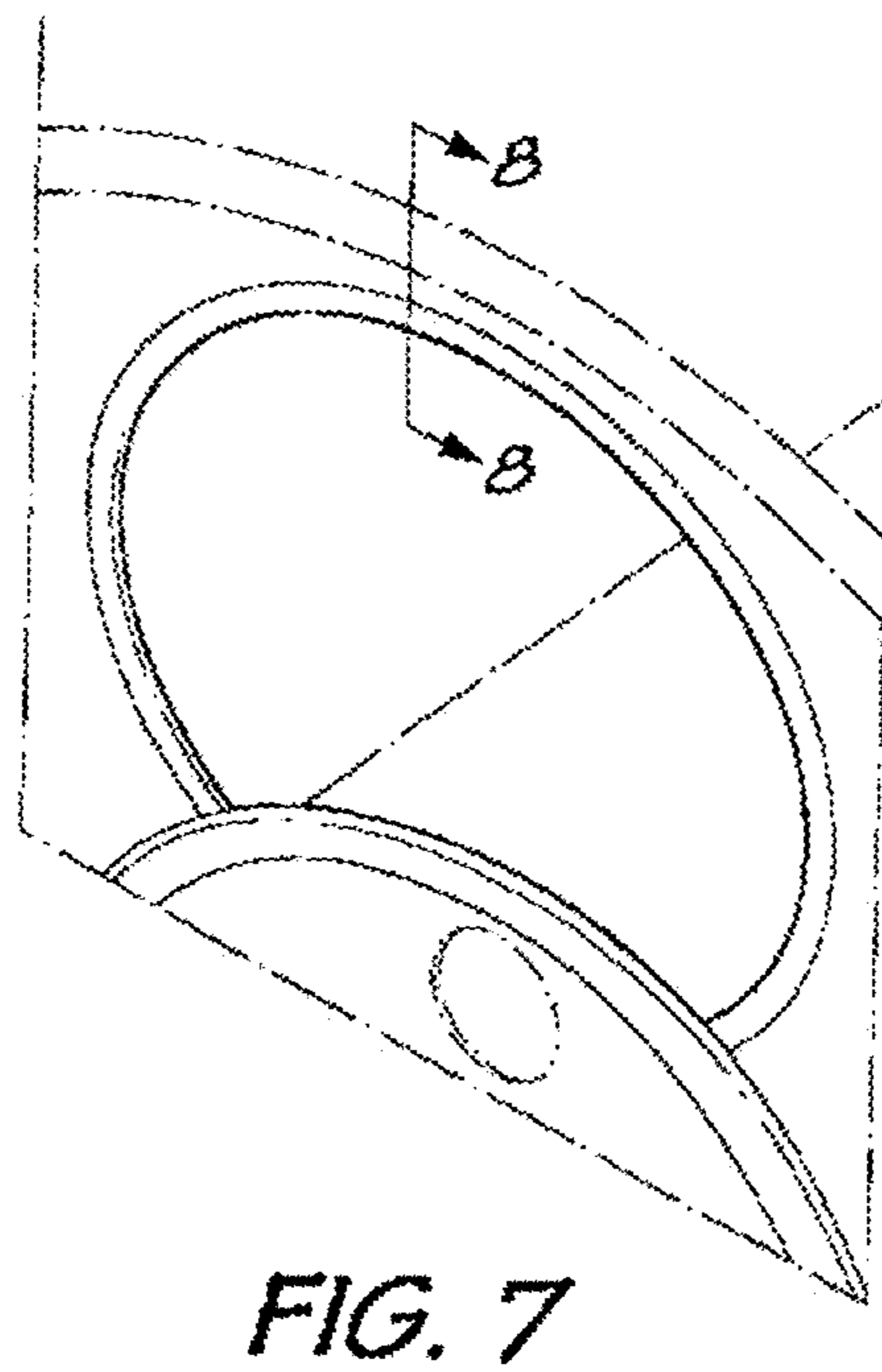
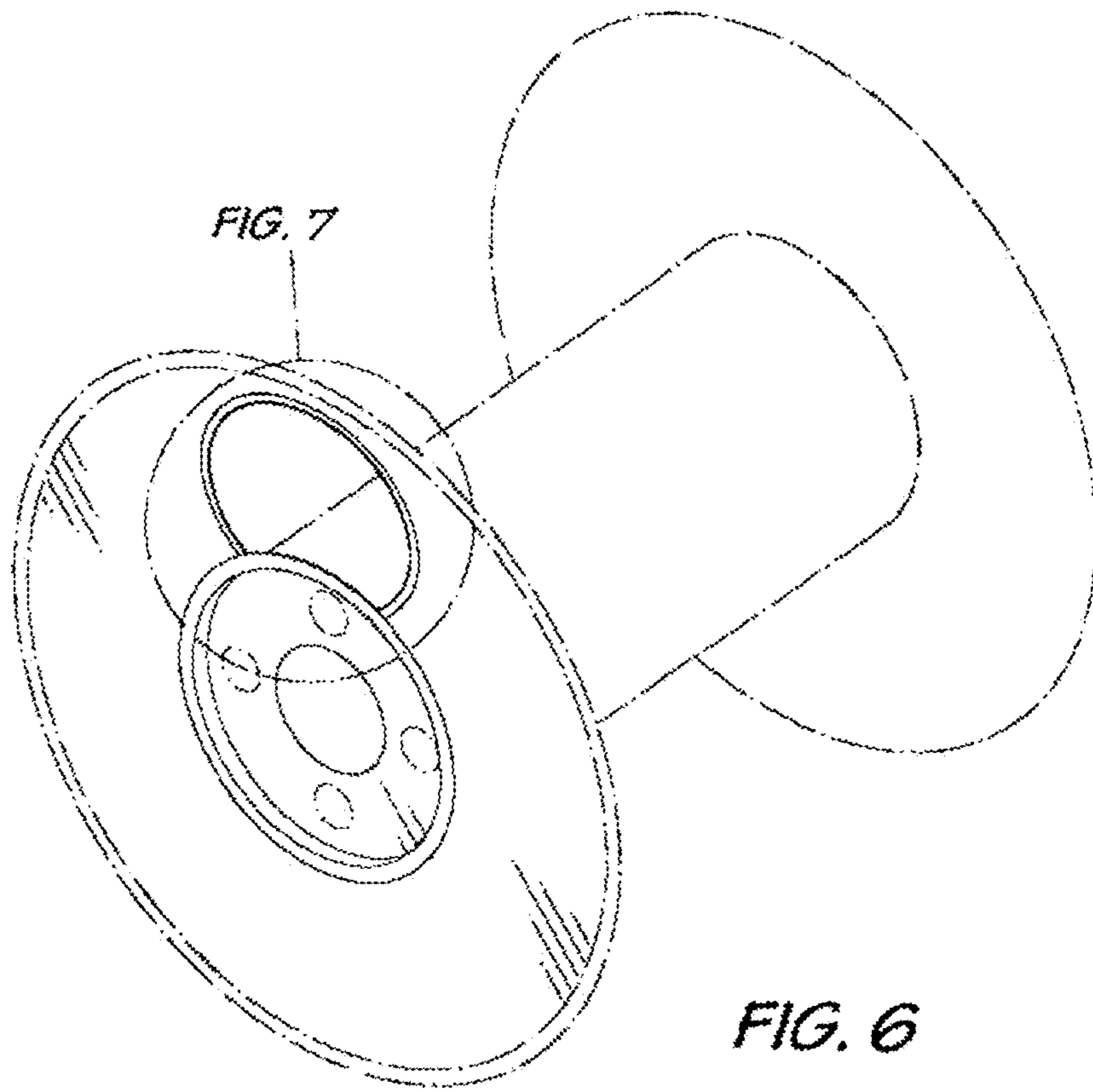
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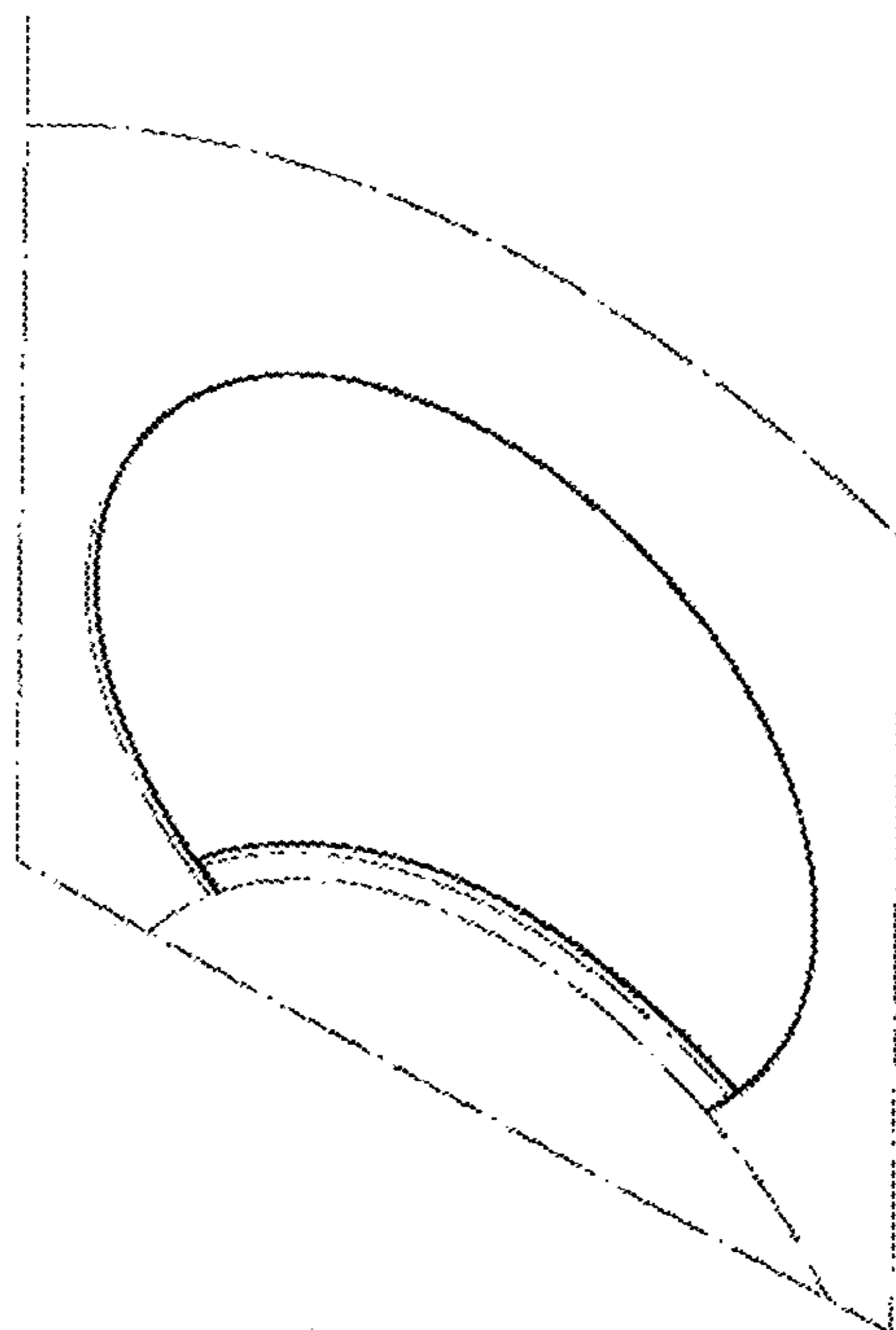
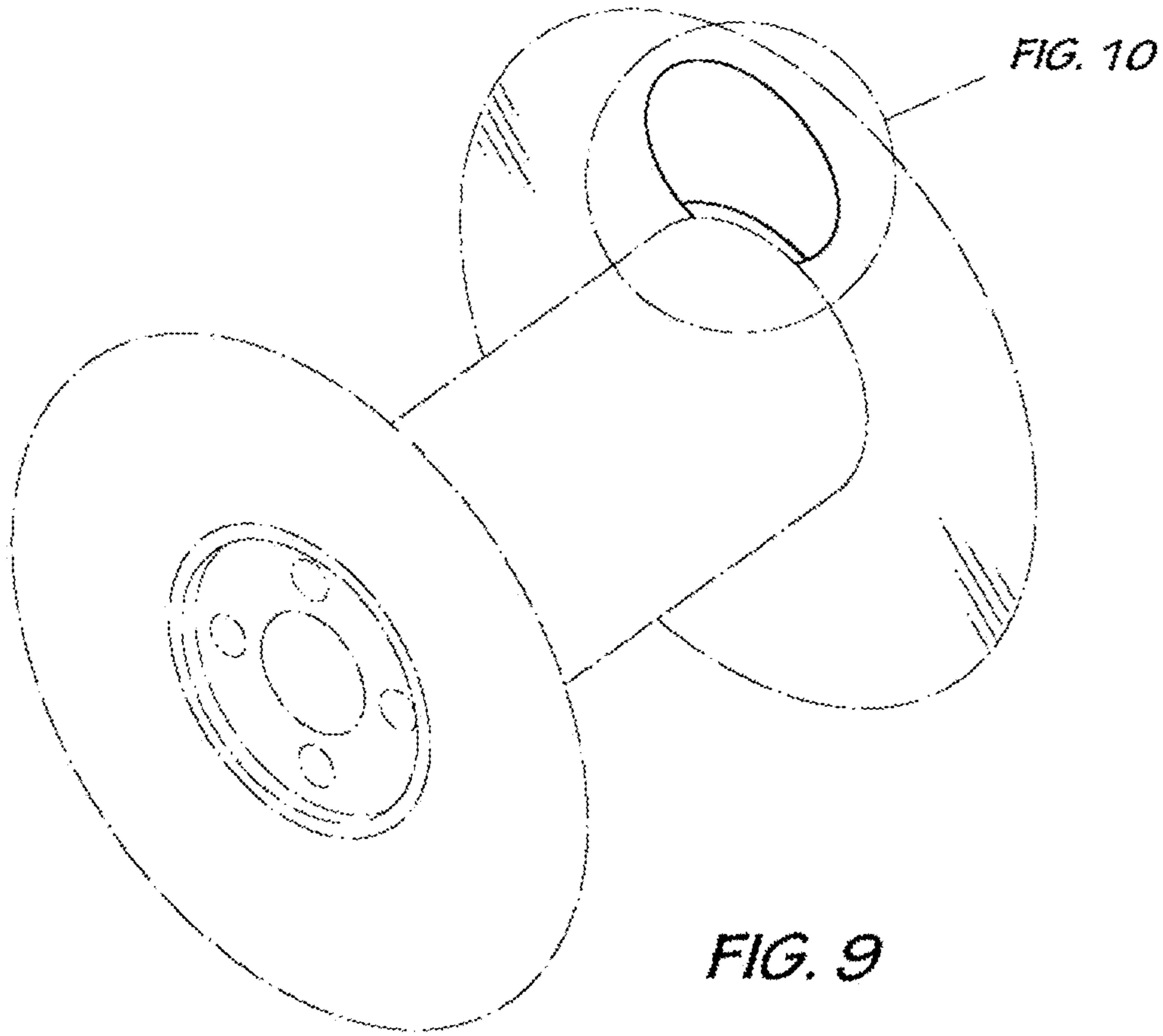


FIG. 10

FIG. 9

FIG. 10