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

(10) **Patent No.:** **US D847,036 S**  
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(54) **TIE ROD END**

(71) Applicant: **Aircraft Gear Corporation**, Loves Park, IL (US)

(72) Inventor: **Sean M. Carlini**, Rockford, IL (US)

(73) Assignee: **Aircraft Gear Corporation**, Loves Park, IL (US)

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

(21) Appl. No.: **29/592,797**

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(51) **LOC (11) Cl.** ..... **12-16**

(52) **U.S. Cl.**  
USPC ..... **D12/159**

(58) **Field of Classification Search**  
USPC ..... D12/159-162  
CPC ... F16C 11/06; F16C 11/0619; F16C 11/0642;  
F16C 11/0695

See application file for complete search history.

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*Primary Examiner* — Kevin K Rudzinski

*Assistant Examiner* — Kathleen L Jones

(74) *Attorney, Agent, or Firm* — John V. Daniluck; Bingham Greenebaum Doll LLP

(57) **CLAIM**

The ornamental design for a tie rod end, as shown and described.

**DESCRIPTION**

FIG. 1 is a left, front, and top perspective view of a tie rod end showing my new design;

FIG. 2 is a front plan view of the tie rod end of FIG. 1, the rear view being identical;

FIG. 3 is a top plan view of the tie rod end of FIG. 1;

FIG. 4 is a bottom plan view of the tie rod end of FIG. 1;

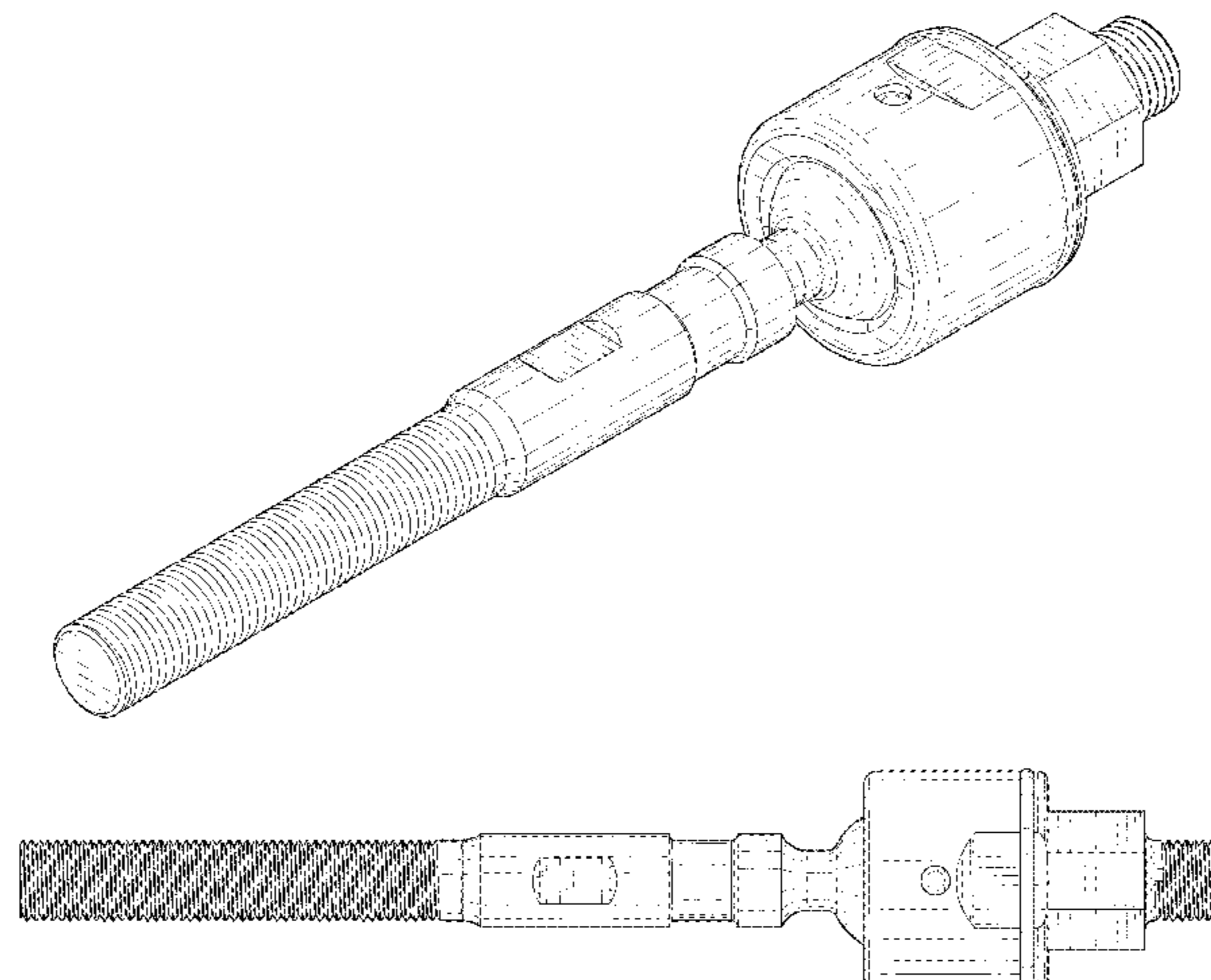
FIG. 5 is a left end view of the tie rod end of FIG. 1;

FIG. 6 is a right end view of the tie rod end of FIG. 1; and,

FIG. 7 is a left, front, and top perspective view of the tie rod end of FIG. 1 with one environment shown in unevenly-spaced broken lines.

The evenly-spaced circular broken line shown in FIGS. 1, 3 and 7 is a boundary of the claimed design and forms no part thereof; the evenly-spaced broken lines shown in FIG. 6 are included for the purpose of illustrating portions of the article; the unevenly-spaced broken lines shown in FIG. 7 are included to show environmental subject matter; all broken lines form no part of the claimed design.

**1 Claim, 4 Drawing Sheets**



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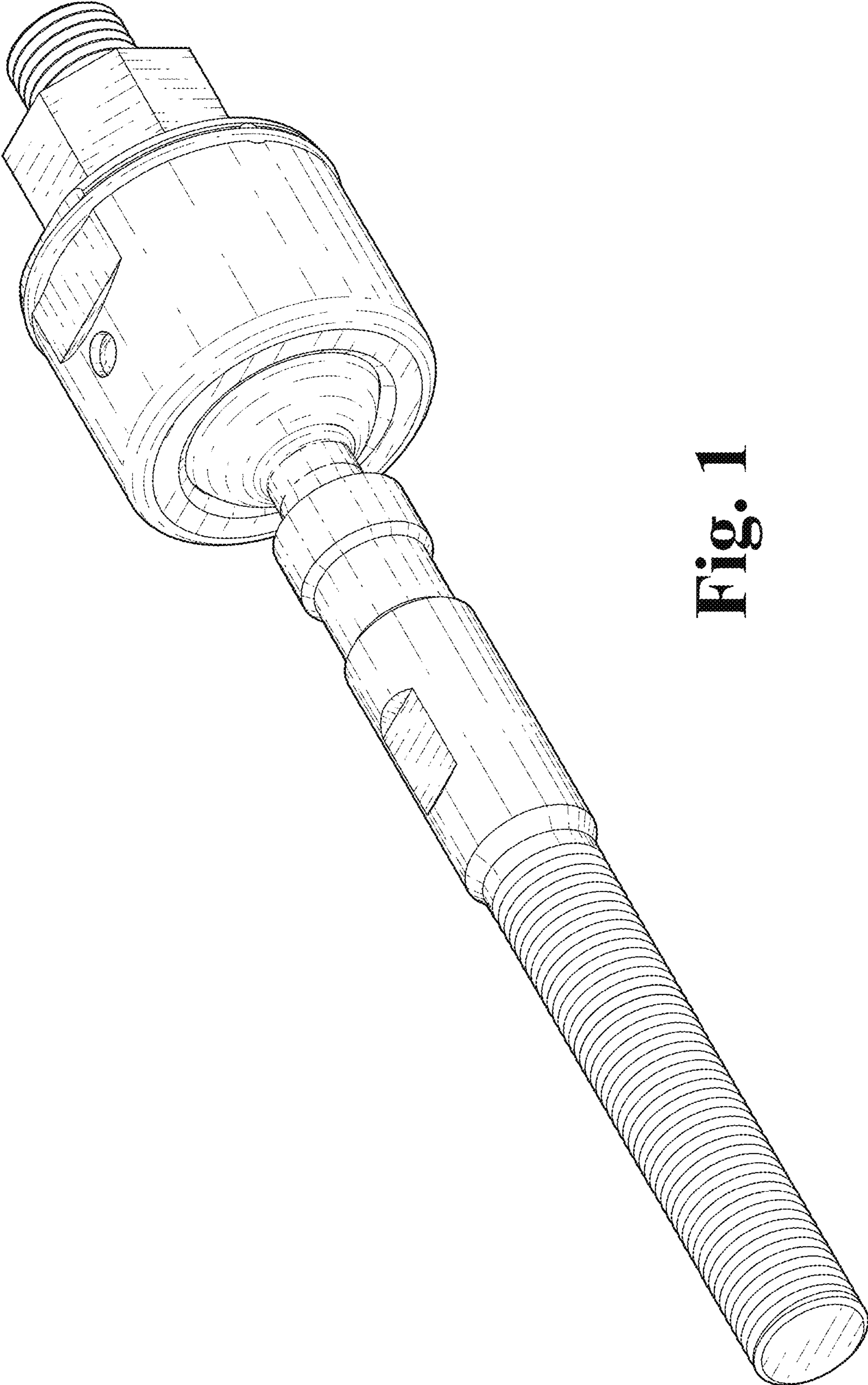
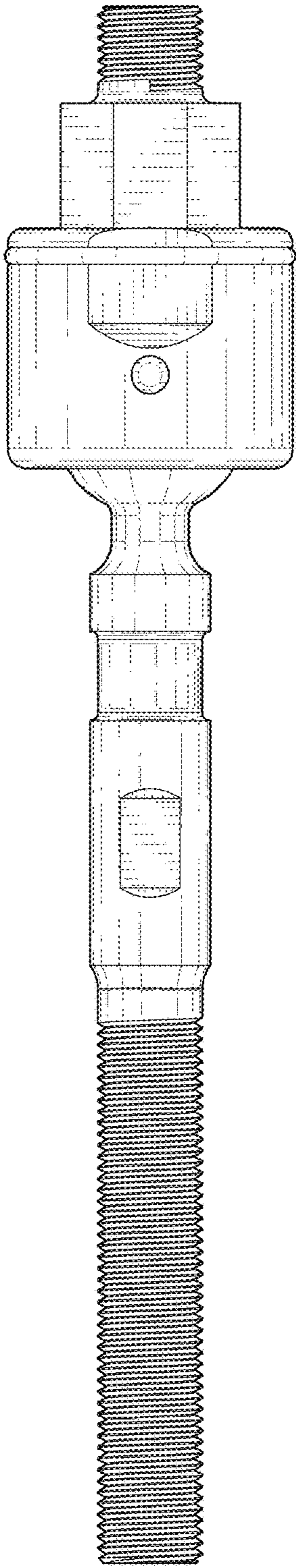
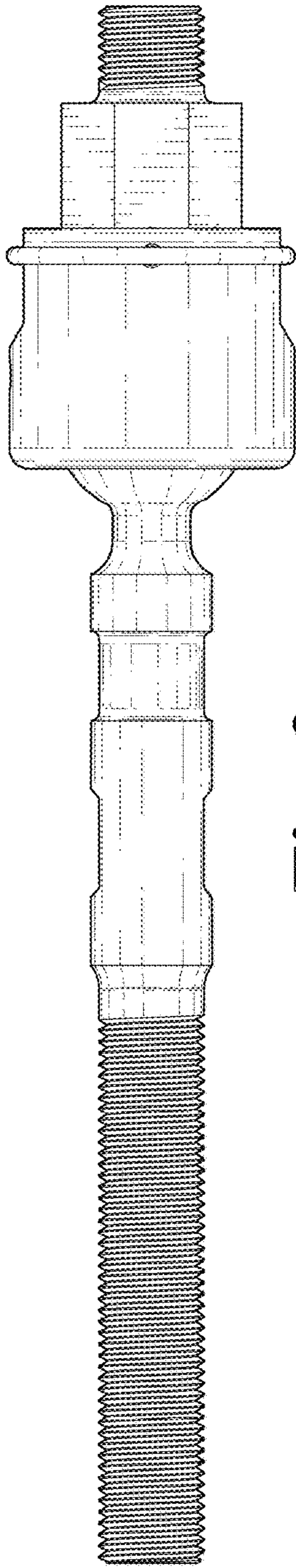


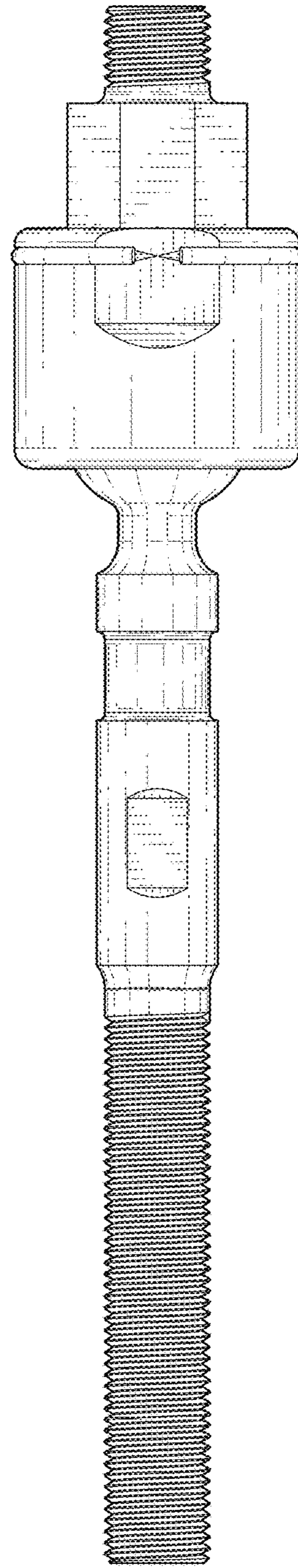
Fig. 1



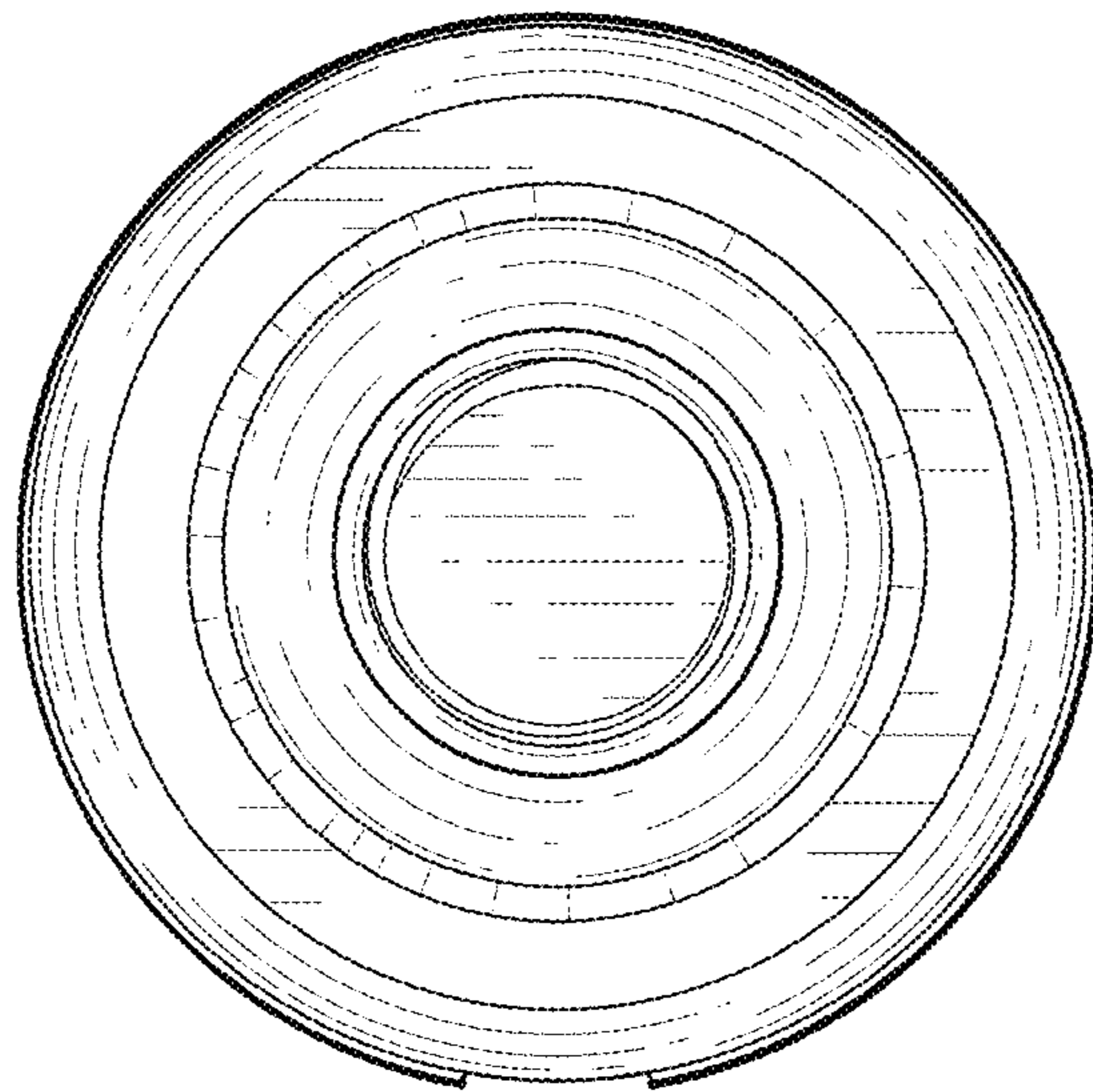
**Fig. 3**



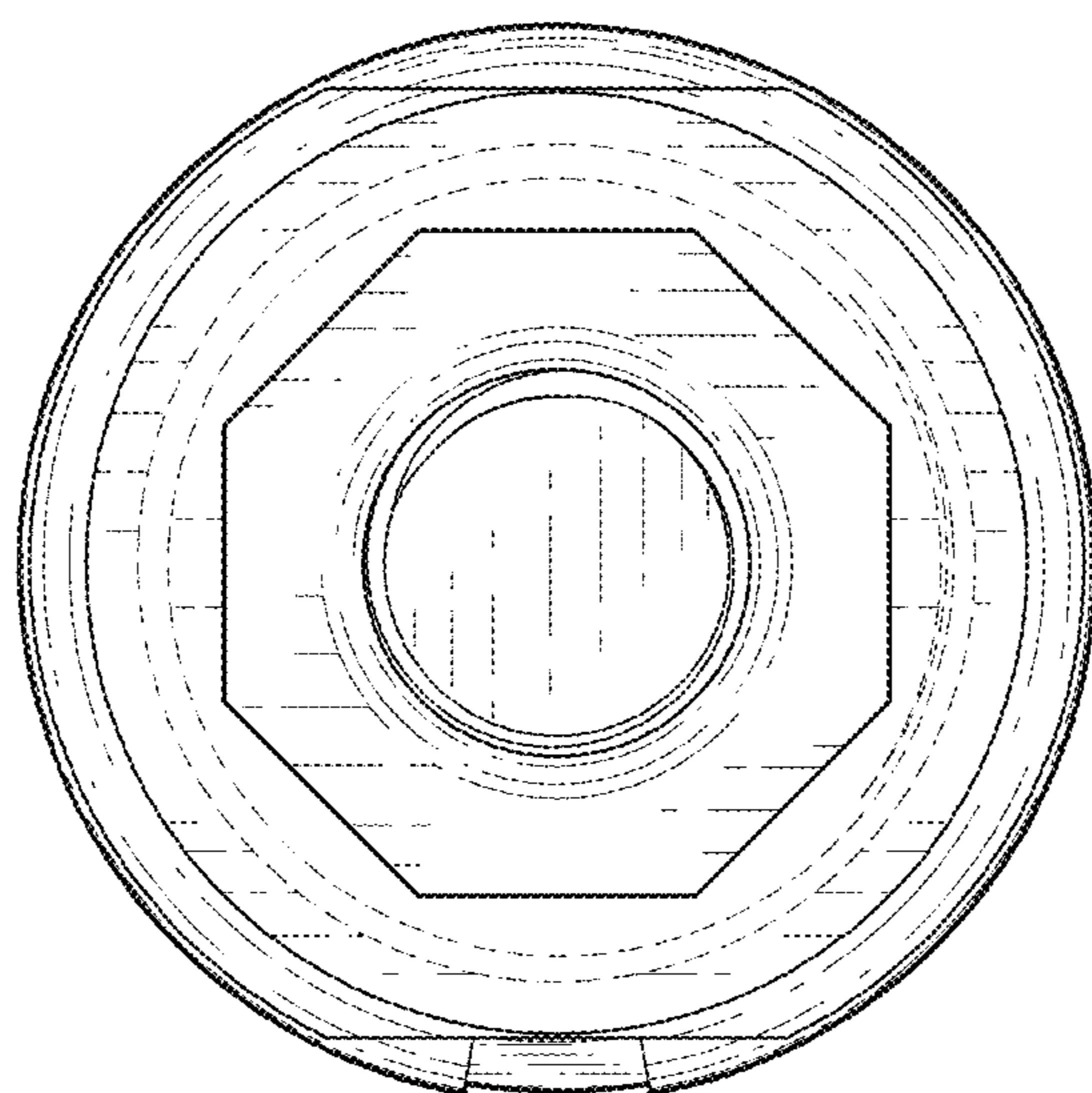
**Fig. 2**



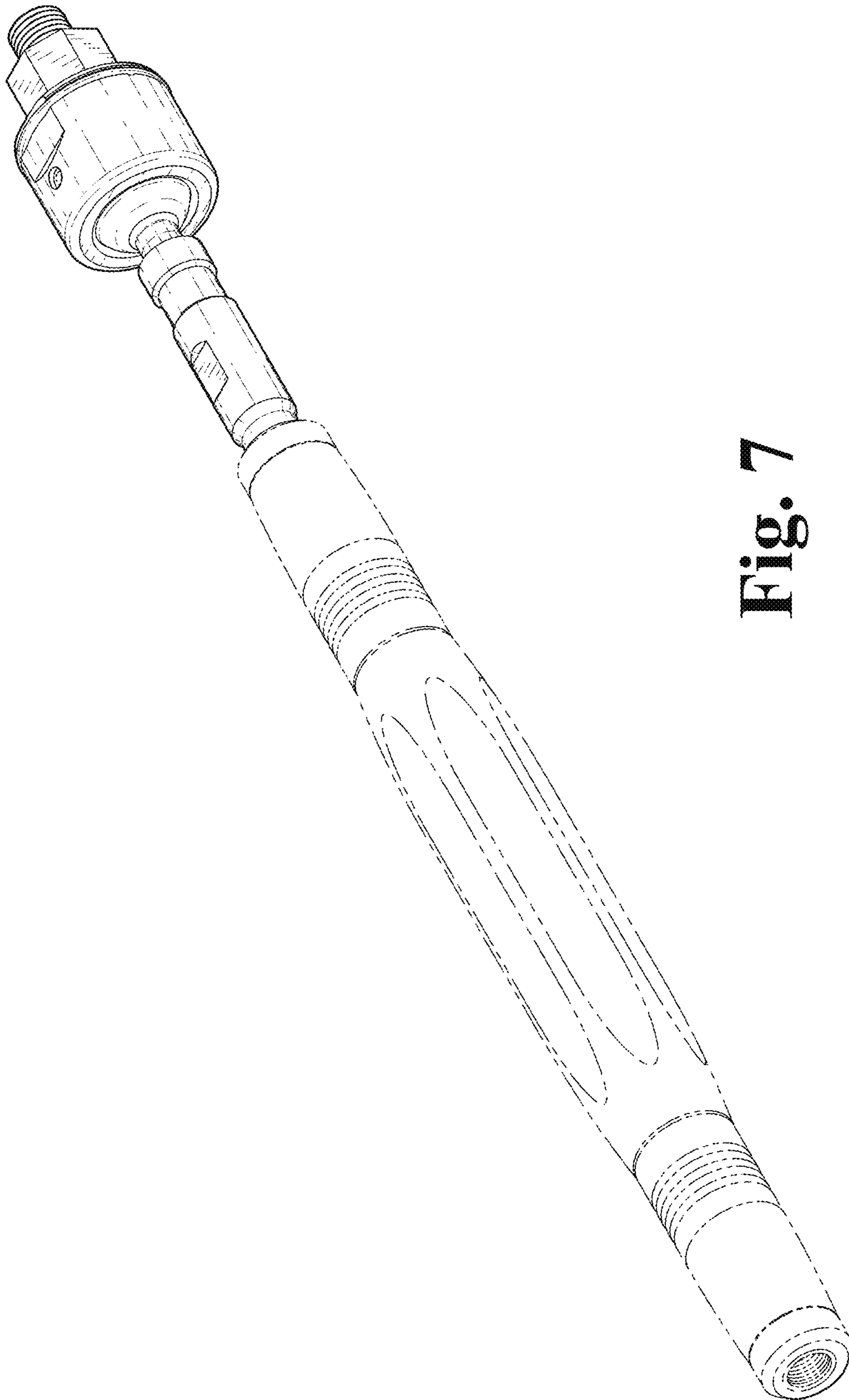
**Fig. 4**



**Fig. 5**



**Fig. 6**



**Fig. 7**