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

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(54) **GUIDE ROLLER**

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(73) Assignee: **Miki Pulley Co., Ltd.**, Kanagawa (JP)

(**) Term: **14 Years**

(21) Appl. No.: **29/406,757**

(22) Filed: **Nov. 18, 2011**

(51) **LOC (9) Cl.** **08-05**

(52) **U.S. Cl.**
USPC **D8/360**

(58) **Field of Classification Search**

USPC D8/399, 382, 349, 397, 394, 70,
D8/360, 356, 354; 411/429, 432, 918, 179,
411/180; D23/262; 285/321; 403/114, 115,
403/145, 146; 81/177.7, 177.75, 177.85;
29/525.2, 592

See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a guide roller, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a guide roller;
FIG. 2 is a front view thereof;
FIG. 3 is a right side view thereof;
FIG. 4 is a top view thereof;
FIG. 5 is a back view thereof;
FIG. 6 is a cross-sectional view thereof taken along line 6-6 in FIG. 2; and,

FIG. 7 is a right side view showing the guide roller in use with a pulley, the broken lines forming no part of the claim.

The subject article is a guide roller which can be used for rotatably supporting a pulley for guiding cutting wire or the like. The guide roller comprises a housing including bearings and a central shaft partly inserted into the housing. As shown in FIG. 7, a pulley is mounted on the outer periphery of the housing which rotates around the central shaft. A left side view of the guide roller is a mirror image of the right side view thereof. A bottom view of the guide roller is a mirror image of the top view thereof.

1 Claim, 7 Drawing Sheets

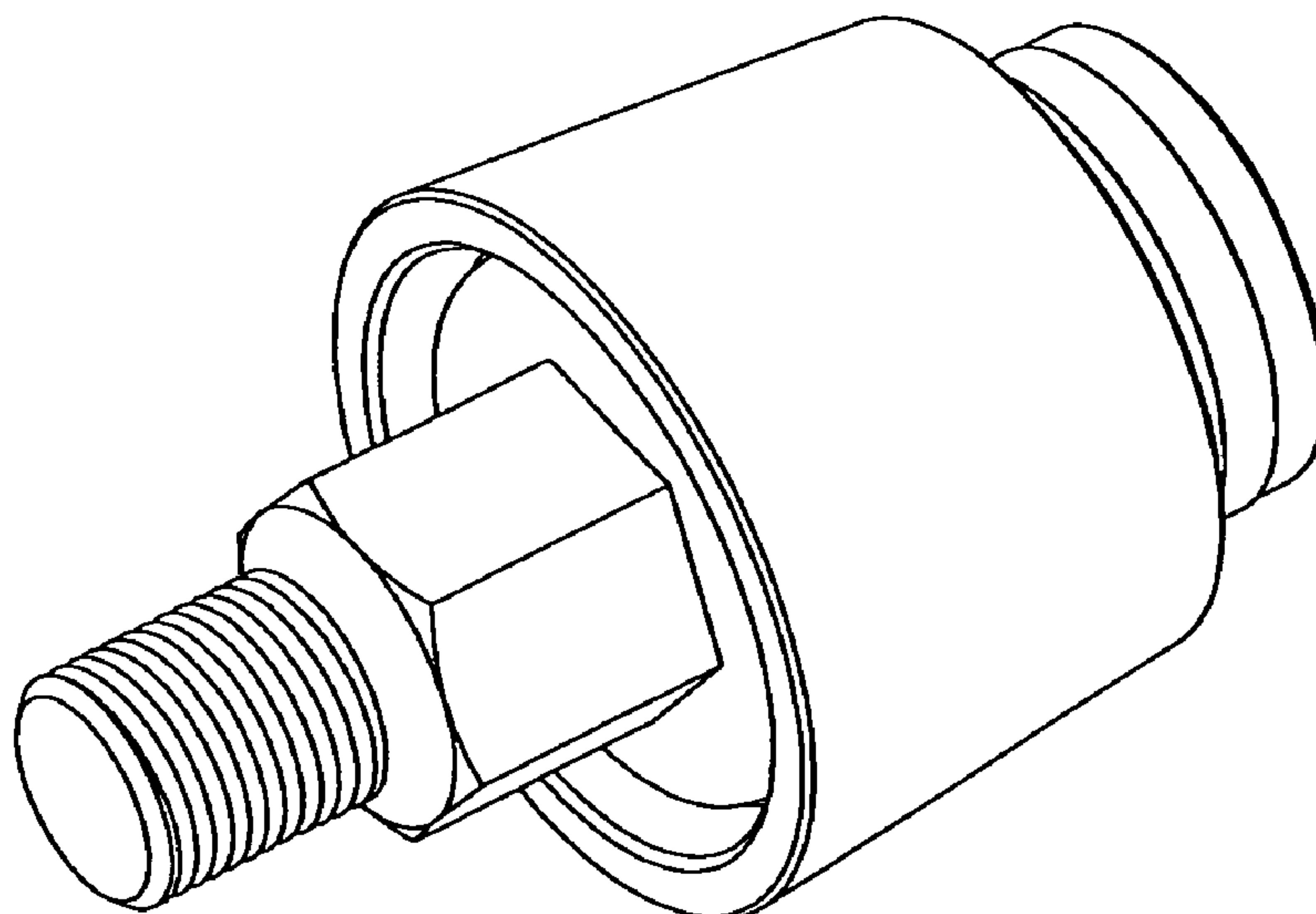


Fig.1

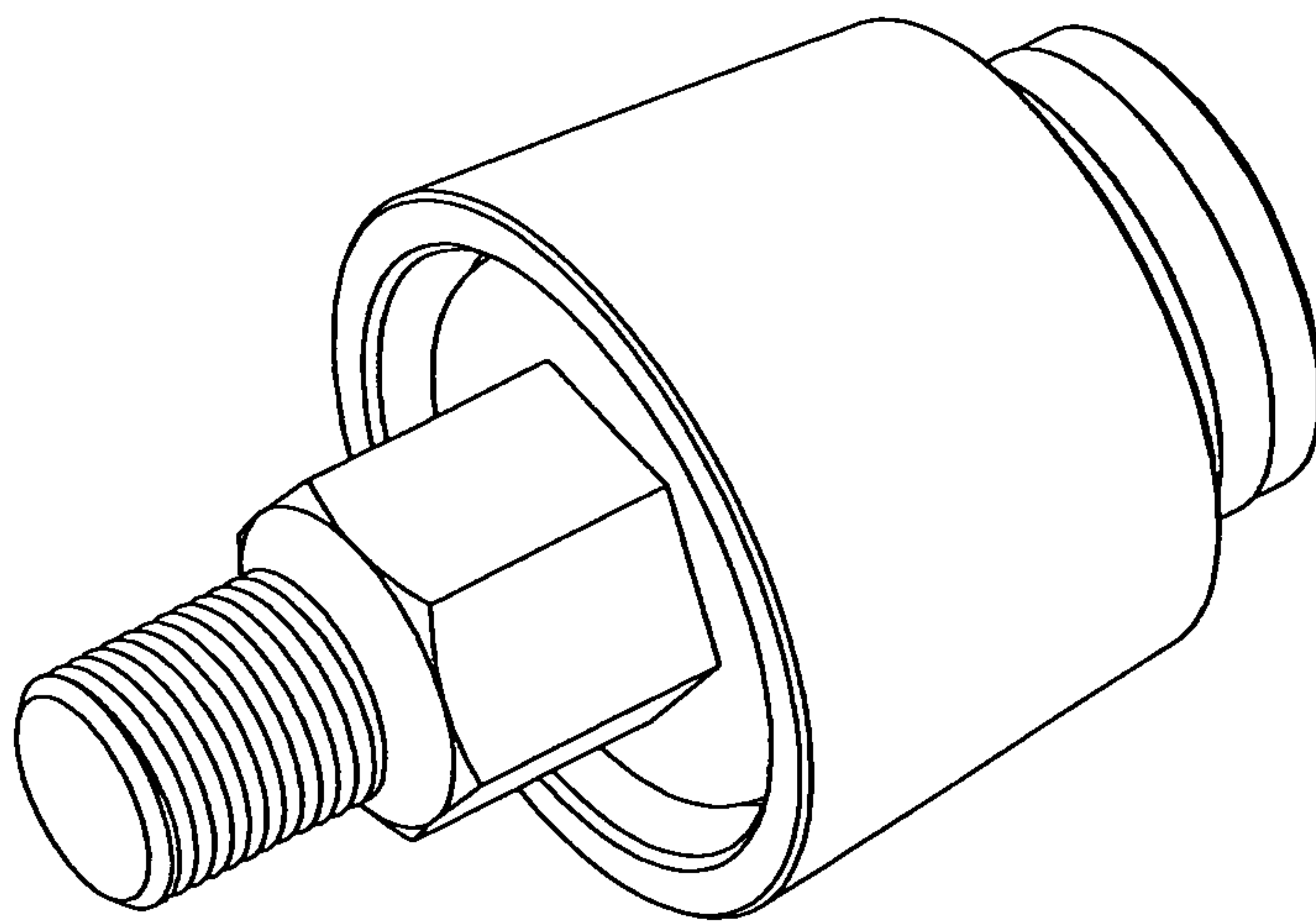


Fig.2

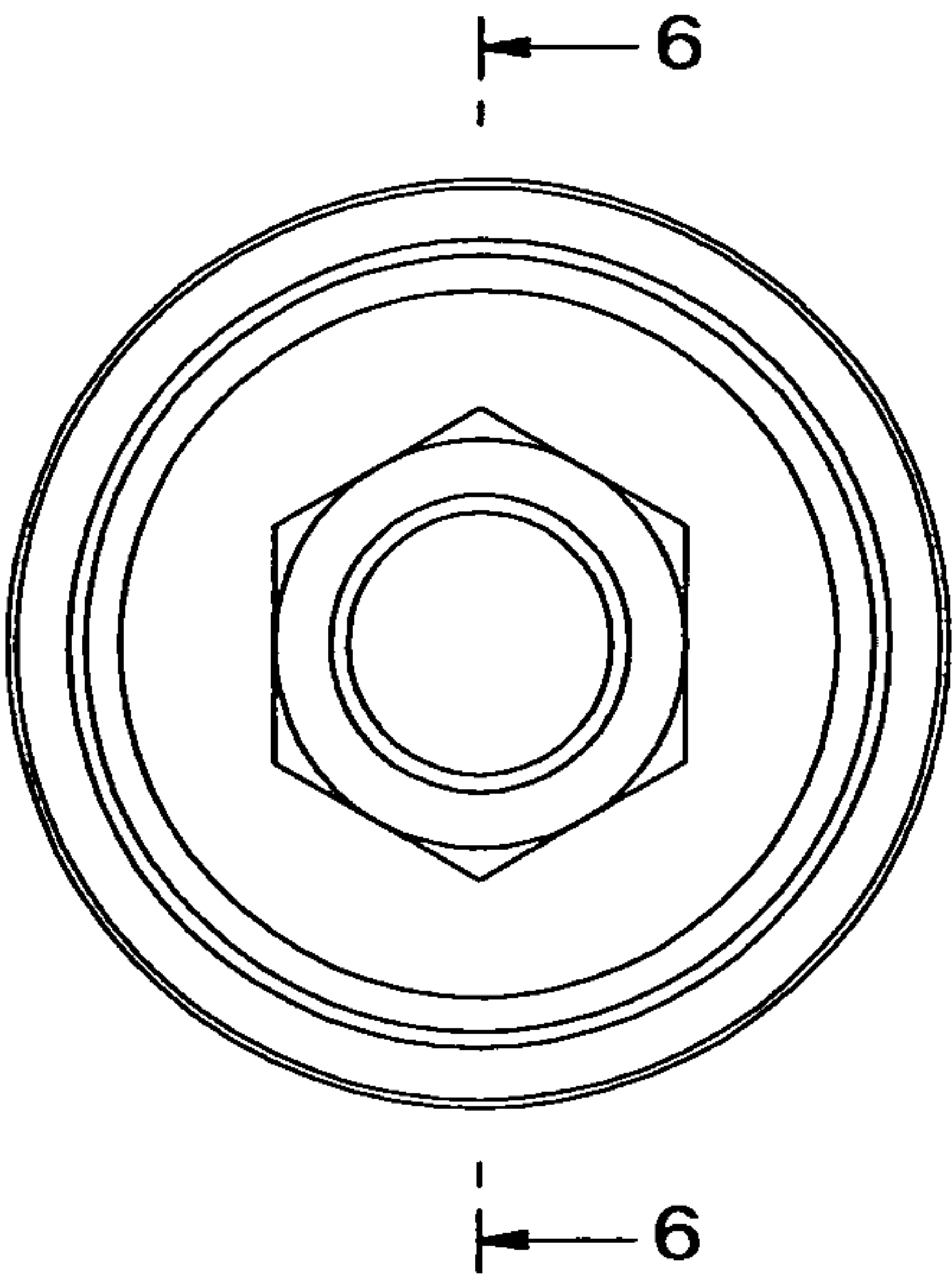


Fig.3

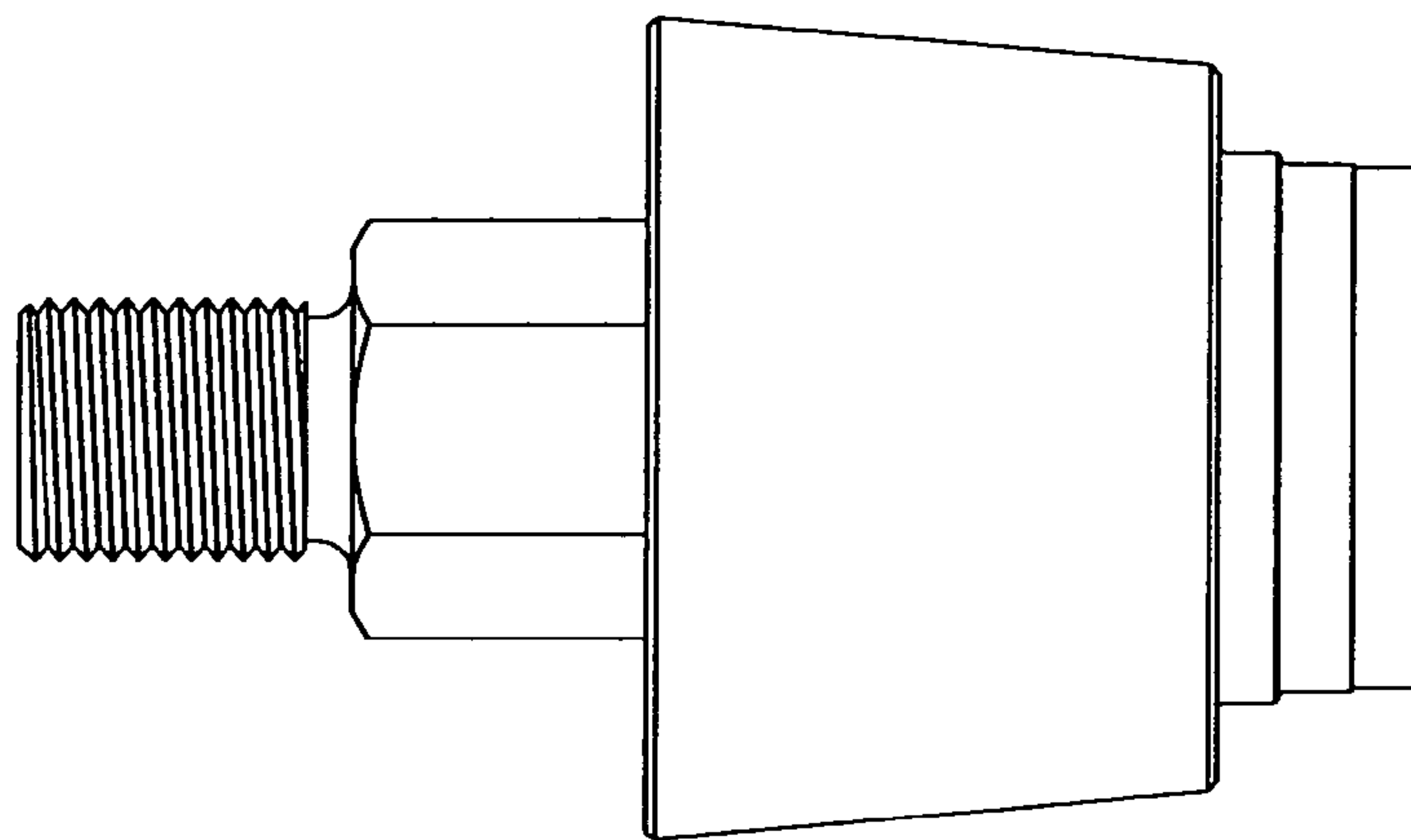


Fig.4

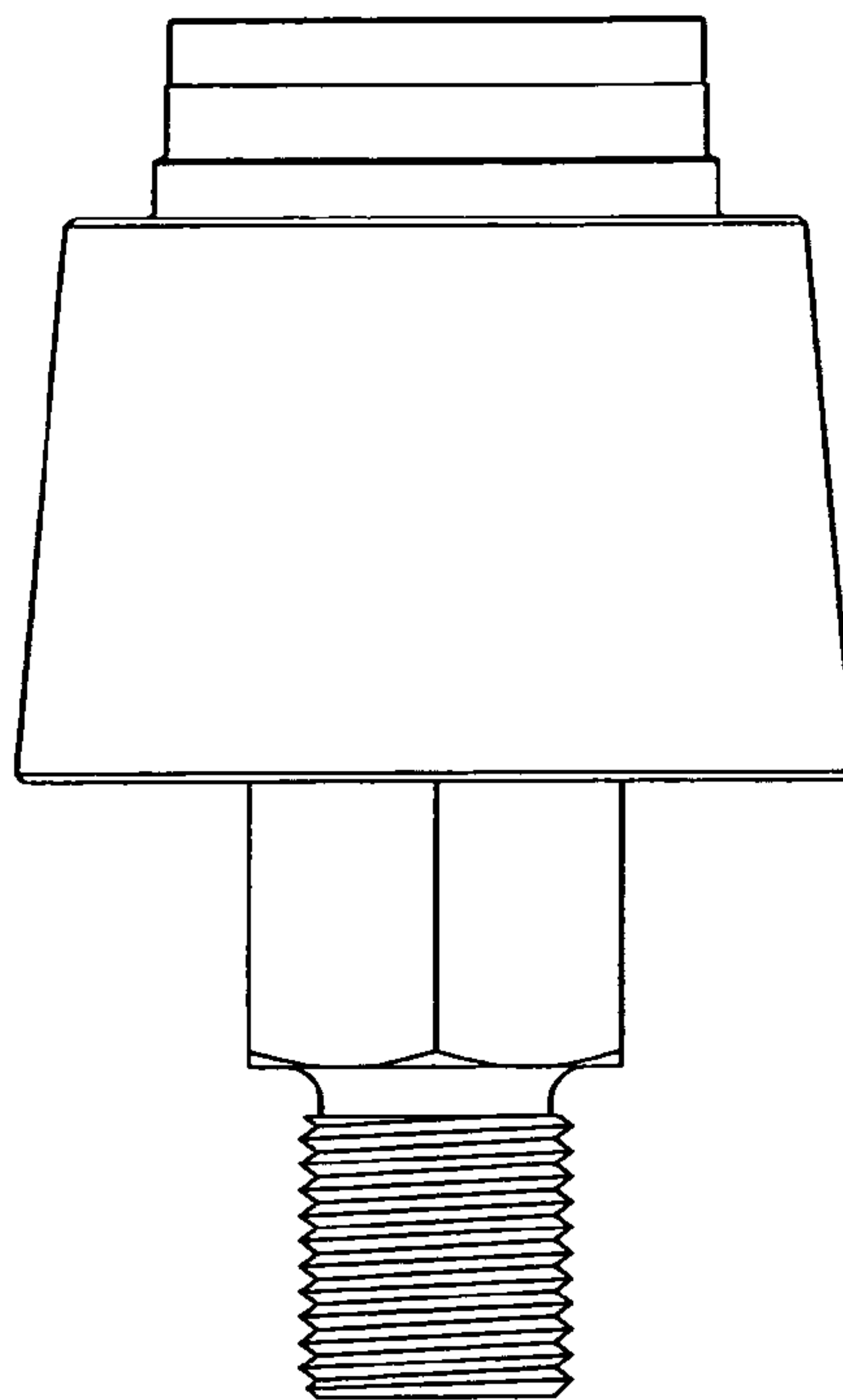


Fig.5

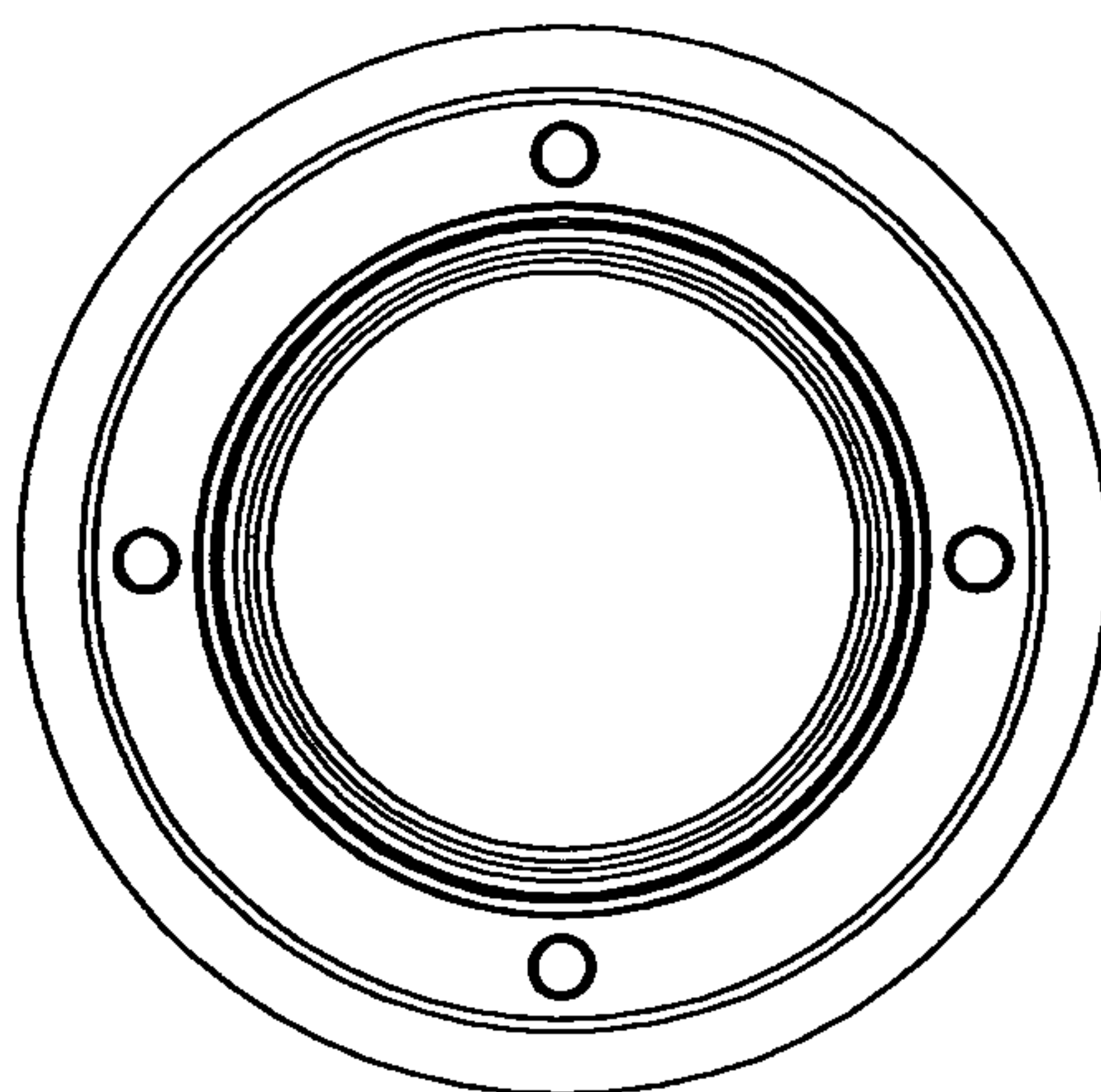


Fig.6

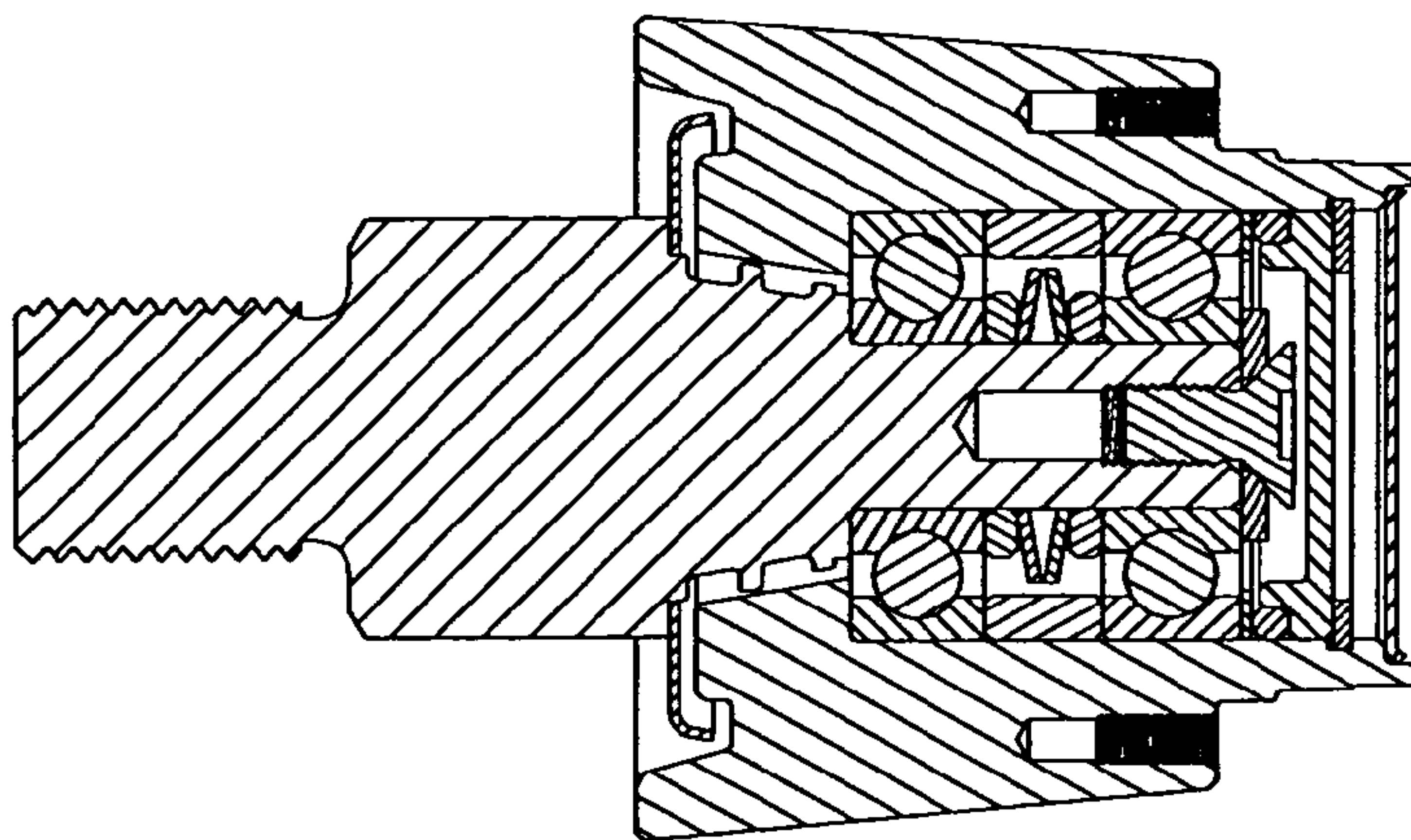


Fig.7

