



US00D941666S

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

(10) **Patent No.:** **US D941,666 S**
(45) **Date of Patent:** **** Jan. 25, 2022**

(54) **CASTER**

(74) *Attorney, Agent, or Firm* — Nixon & Vanderhye PC

(71) Applicant: **HAMMER CASTER Co., Ltd.**, Osaka (JP)

(57) **CLAIM**

The ornamental design for a caster, as shown and described.

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DESCRIPTION

(73) Assignee: **HAMMER CASTER CO., LTD.**, Osaka (JP)

FIG. 1 is a first perspective view of a first embodiment of a caster showing our new design;

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

FIG. 2 is a second perspective view thereof;

(21) Appl. No.: **29/665,577**

FIG. 3 is a front view thereof;

(22) Filed: **Oct. 4, 2018**

FIG. 4 is a back view thereof;

(30) **Foreign Application Priority Data**

FIG. 5 is a top view thereof;

Apr. 9, 2018 (JP) 2018-007752

FIG. 6 is a bottom view thereof;

Apr. 9, 2018 (JP) 2018-007753

FIG. 7 is a right view thereof;

(Continued)

FIG. 8 is a left view thereof;

(51) **LOC (13) Cl.** **08-05**

FIG. 9 is an enlarged sectional view indicated in FIG. 3;

(52) **U.S. Cl.**
USPC **D8/375**

FIG. 10 is an enlarged sectional view indicated in FIG. 5;

(58) **Field of Classification Search**
USPC D8/354, 366, 371, 372, 367, 374, 373,
D8/376, 375

FIG. 11 is a first perspective view of a second embodiment of a caster showing our new design;

(Continued)

FIG. 12 is a second perspective view thereof;

(56) **References Cited**

U.S. PATENT DOCUMENTS

D239,433 S * 4/1976 Sugasawara D8/375

FIG. 13 is a front view thereof;

7,647,673 B2 * 1/2010 Melara B60B 33/001

FIG. 14 is a back view thereof;

16/35 R

FIG. 15 is a top view thereof;

(Continued)

FIG. 16 is a bottom view thereof;

OTHER PUBLICATIONS

U.S. Appl. No. 29/665,578, filed Oct. 4, 2018, Hozumi et al.

FIG. 17 is a right view thereof;

U.S. Appl. No. 29/665,583, filed Oct. 4, 2018, Hozumi et al.

FIG. 18 is a left view thereof;

FIG. 19 is an enlarged sectional view indicated in FIG. 13;

FIG. 20 is an enlarged sectional view indicated in FIG. 15;

FIG. 21 is a first perspective view of a third embodiment of a caster showing our new design;

FIG. 22 is a second perspective view thereof;

FIG. 23 is a front view thereof;

FIG. 24 is a back view thereof;

FIG. 25 is a top view thereof;

FIG. 26 is a bottom view thereof;

FIG. 27 is a right view thereof;

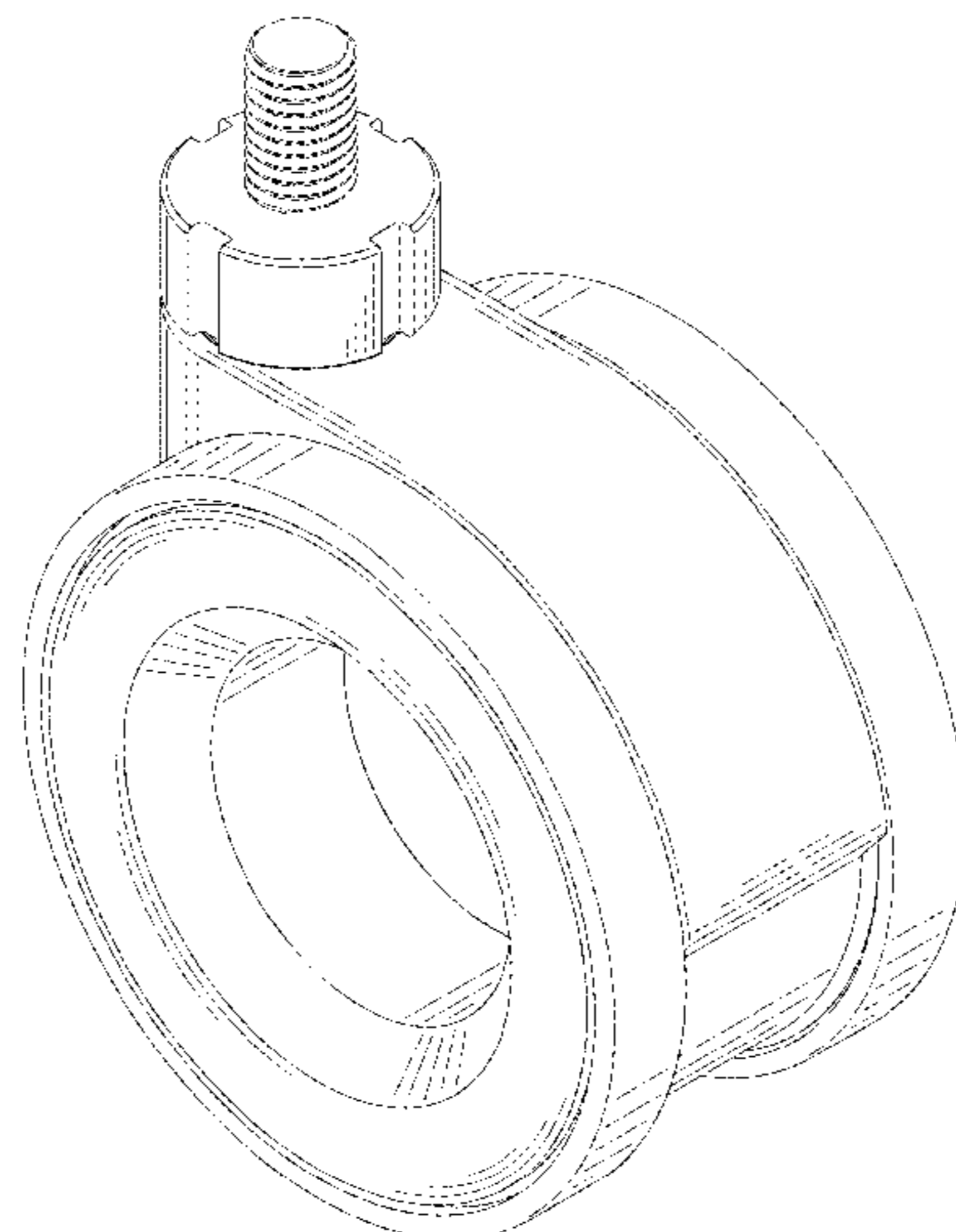
FIG. 28 is a left view thereof;

FIG. 29 is an enlarged sectional view indicated in FIG. 23; and,

FIG. 30 is an enlarged sectional view indicated in FIG. 25.

Primary Examiner — Eliza Z Bennett-Hattan

1 Claim, 30 Drawing Sheets



(30) **Foreign Application Priority Data**

Apr. 9, 2018 (JP) 2018-007754
Apr. 9, 2018 (JP) 2018-007755

(58) **Field of Classification Search**

CPC B60B 33/0028; B60B 33/001; B60B
33/0073; B60B 33/0049; B60B 33/0057;
B60B 33/0002; B60B 33/0068; B60B
33/0039; B60B 33/0021; A47C 7/006

See application file for complete search history.

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2011/0296649 A1 * 12/2011 Hozumi F16C 13/006
16/48

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Fig. 1

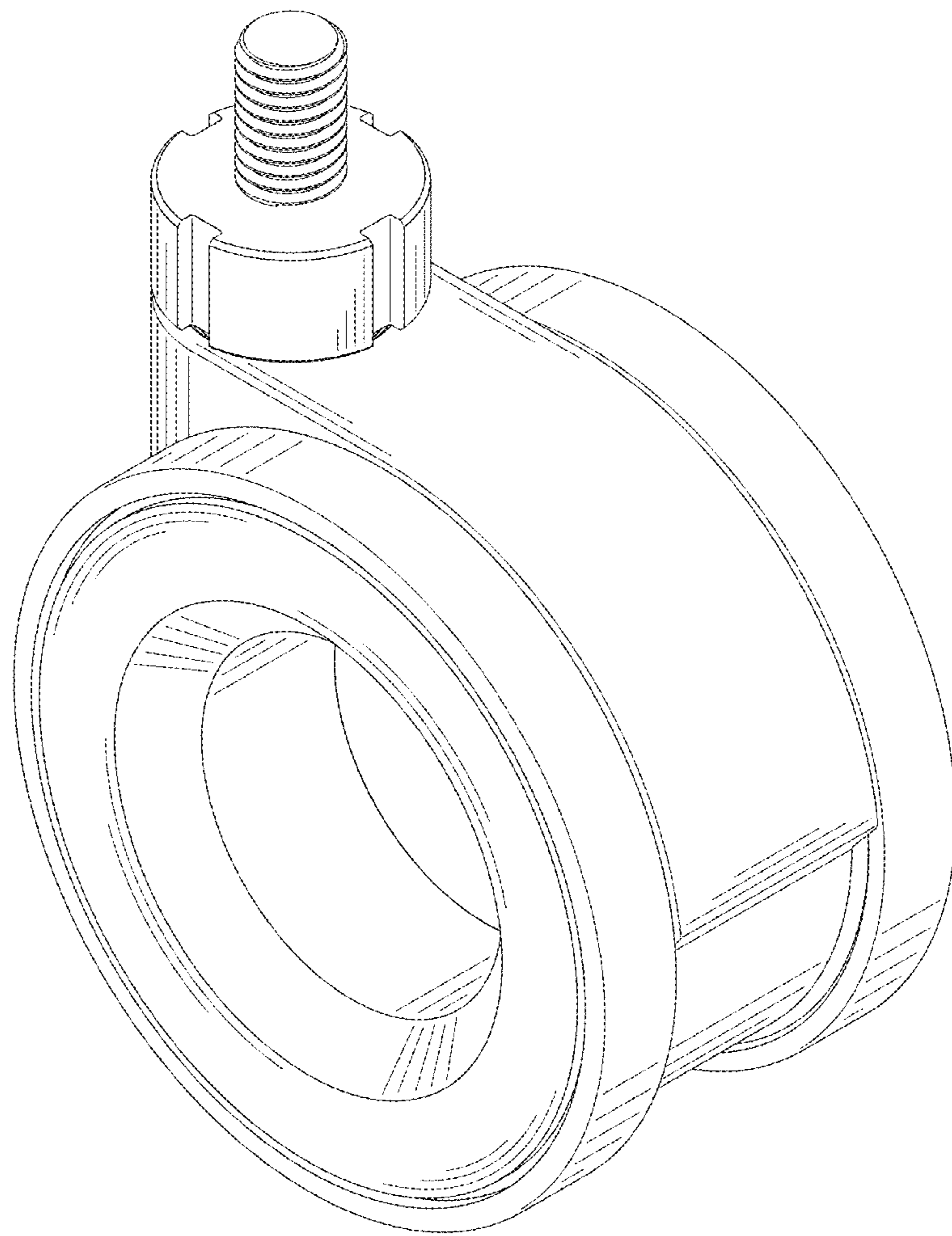


Fig. 2

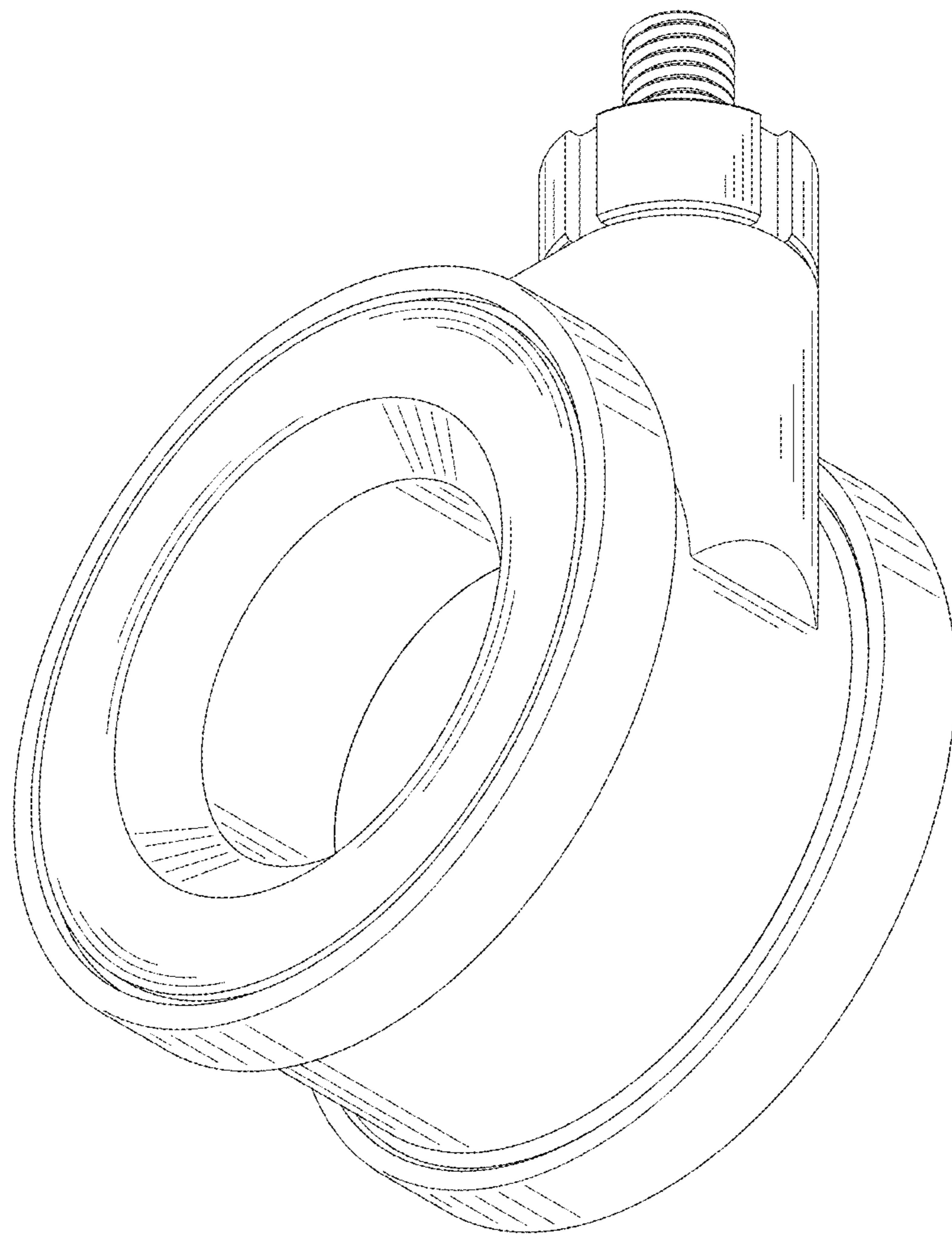


Fig. 3

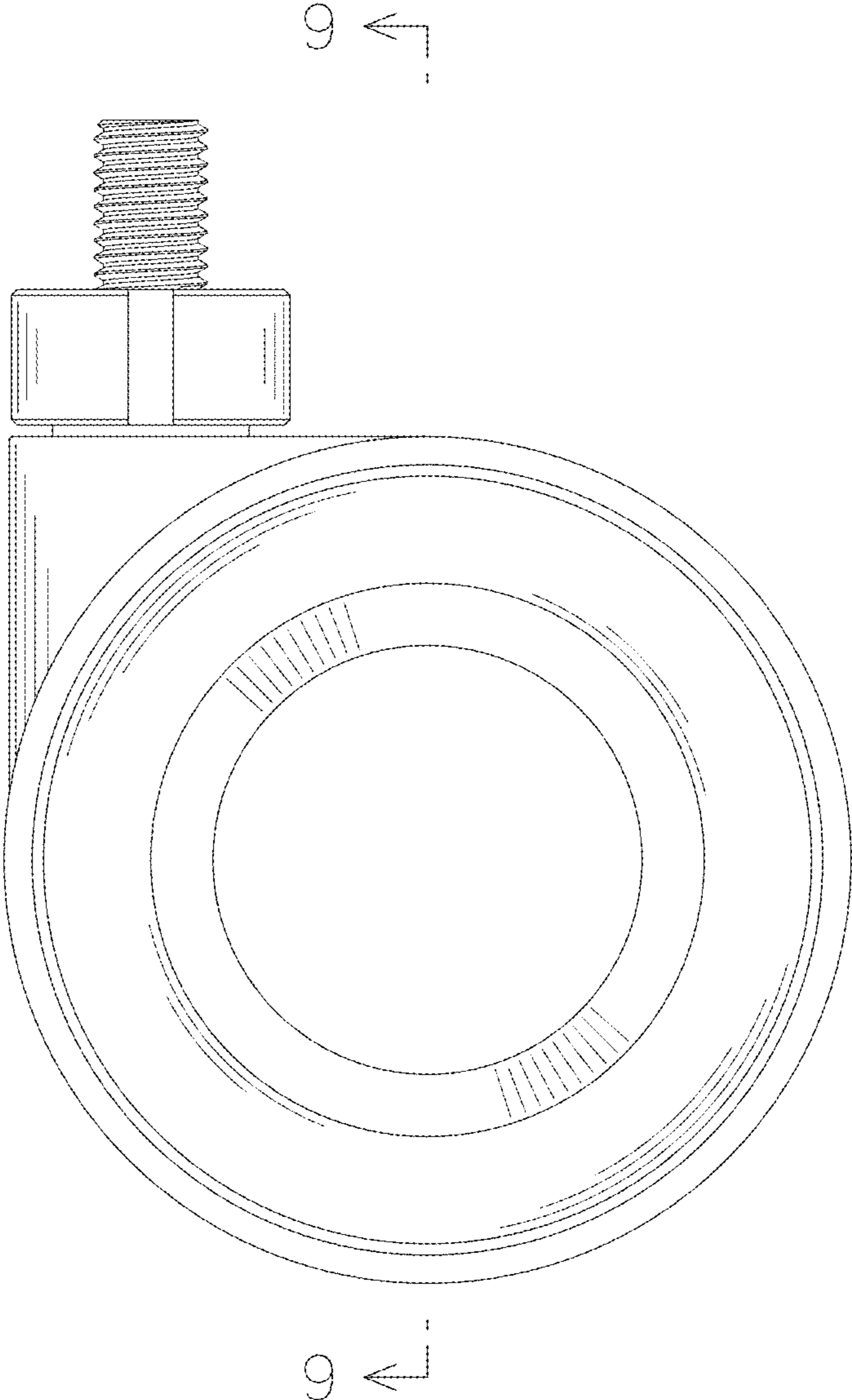


Fig. 4

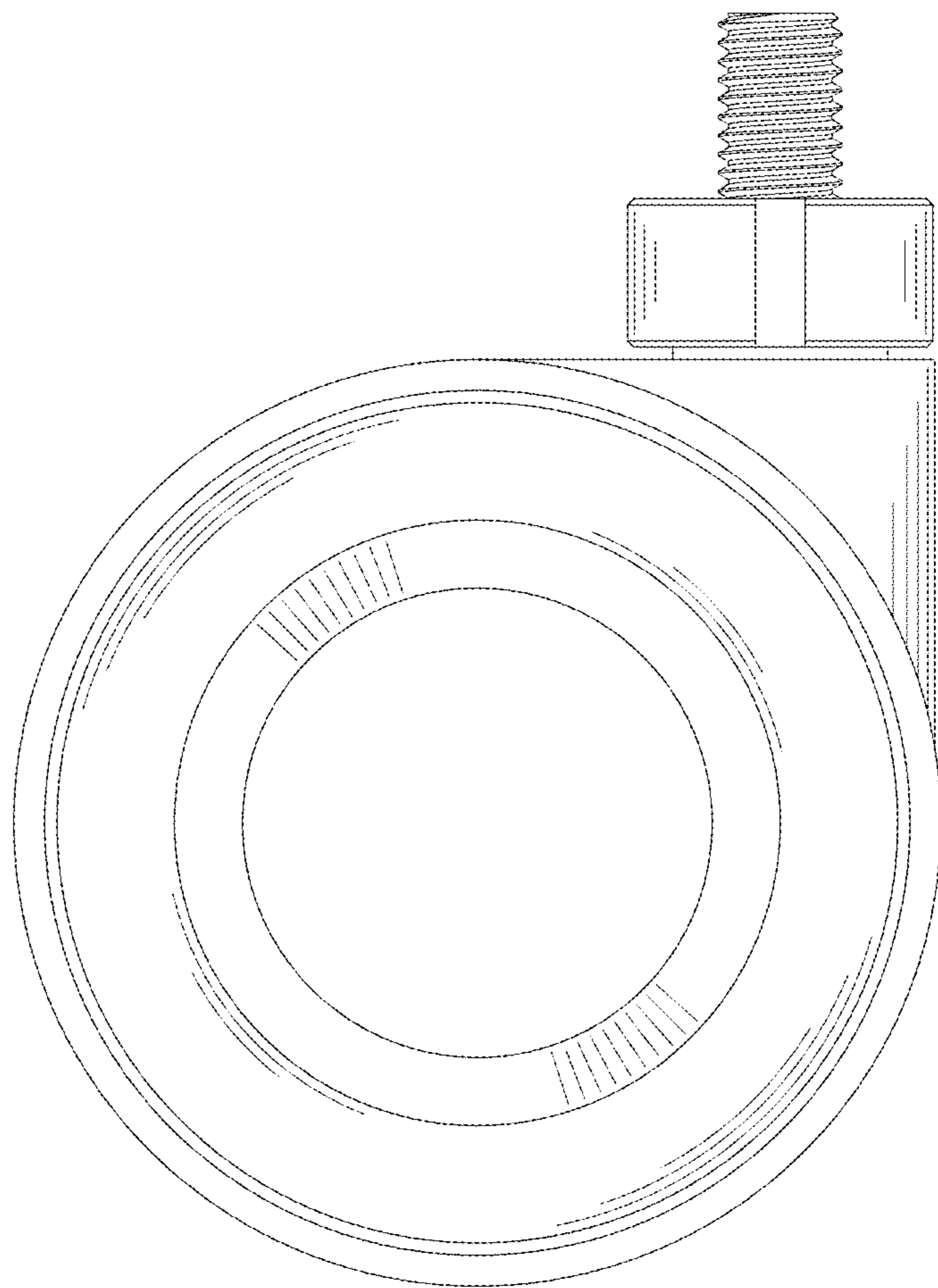


Fig. 5

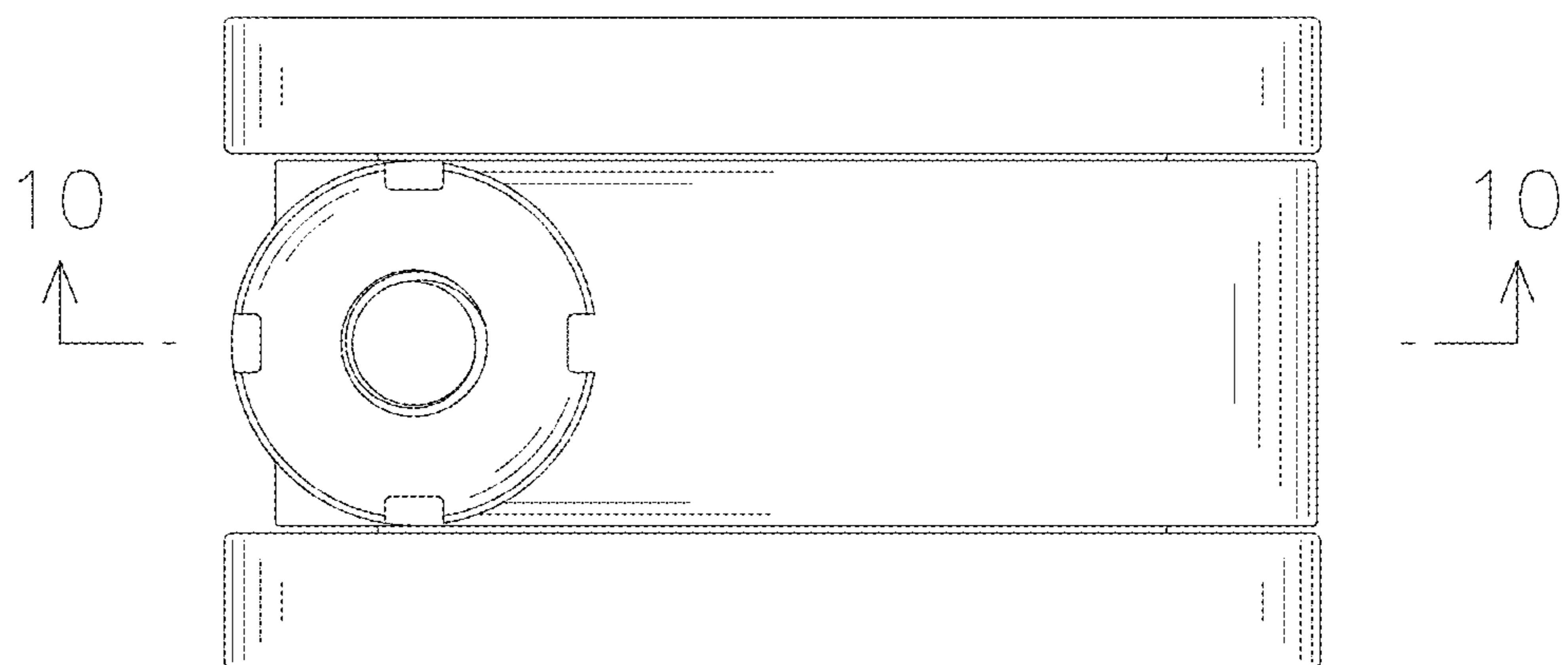


Fig. 6

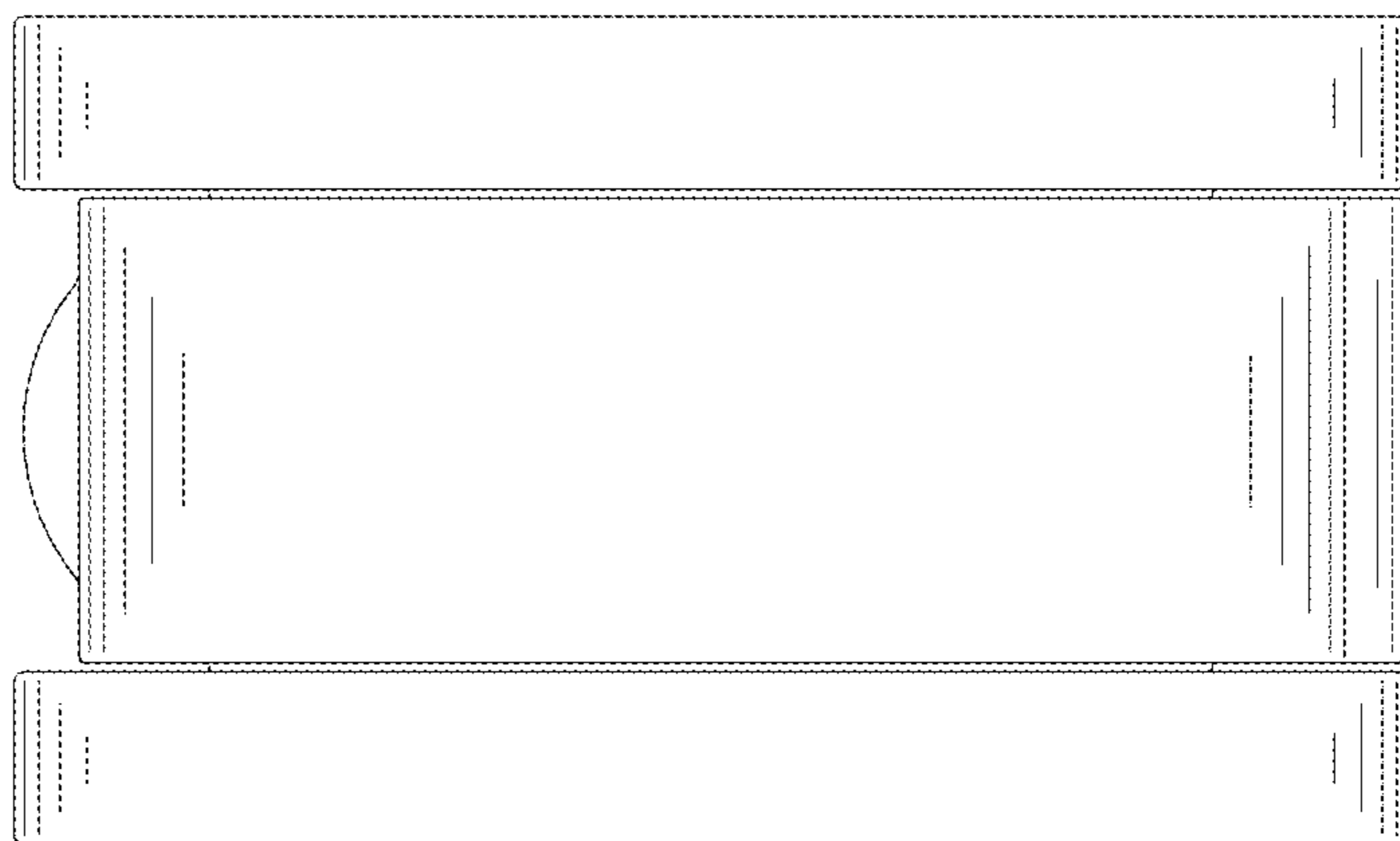


Fig. 7

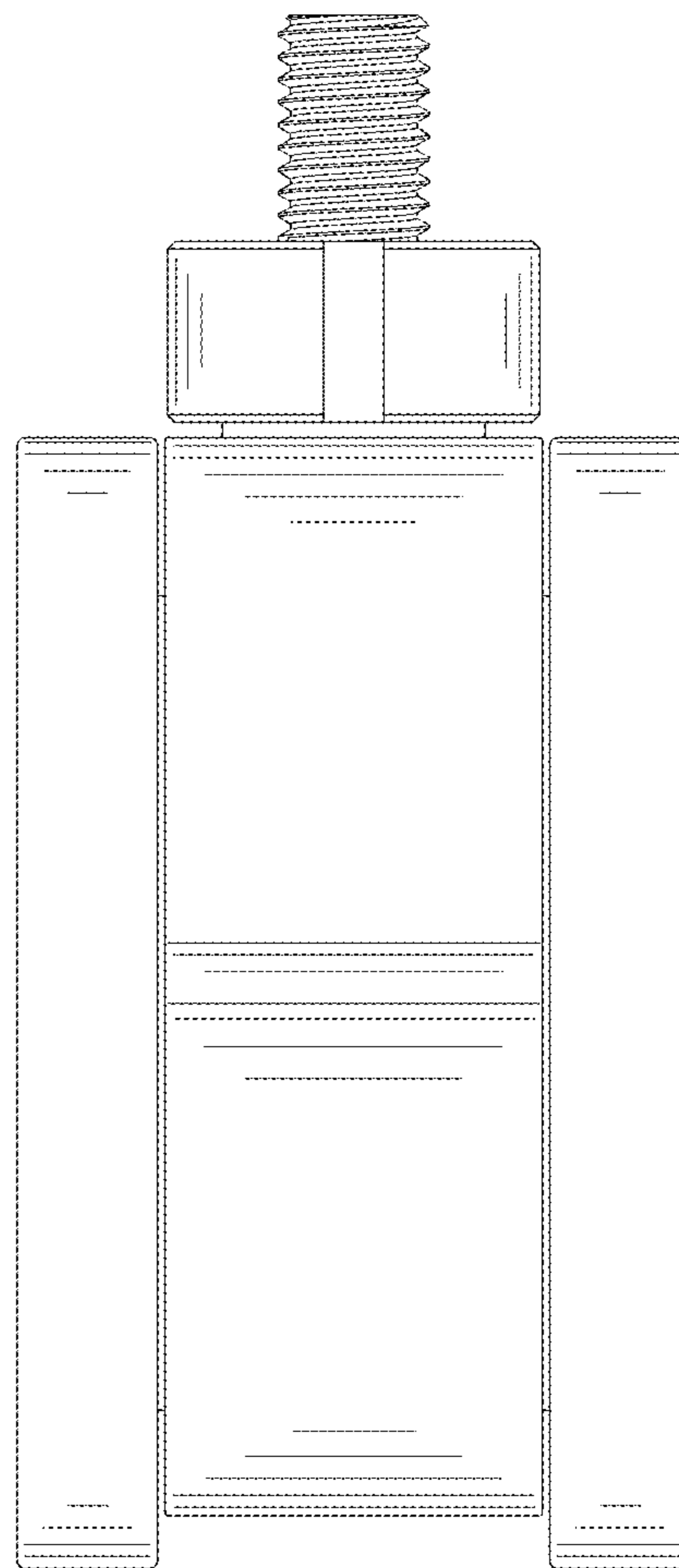


Fig. 8

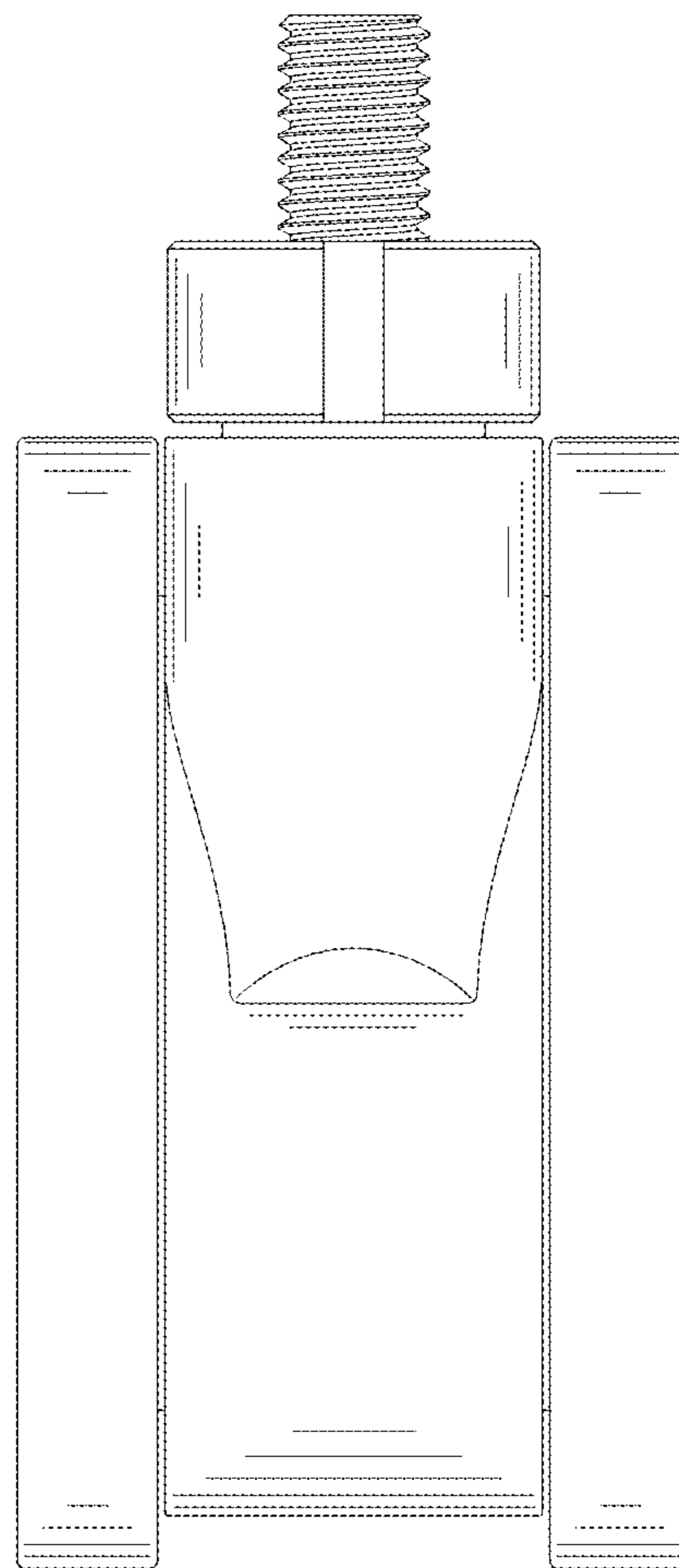


Fig. 9

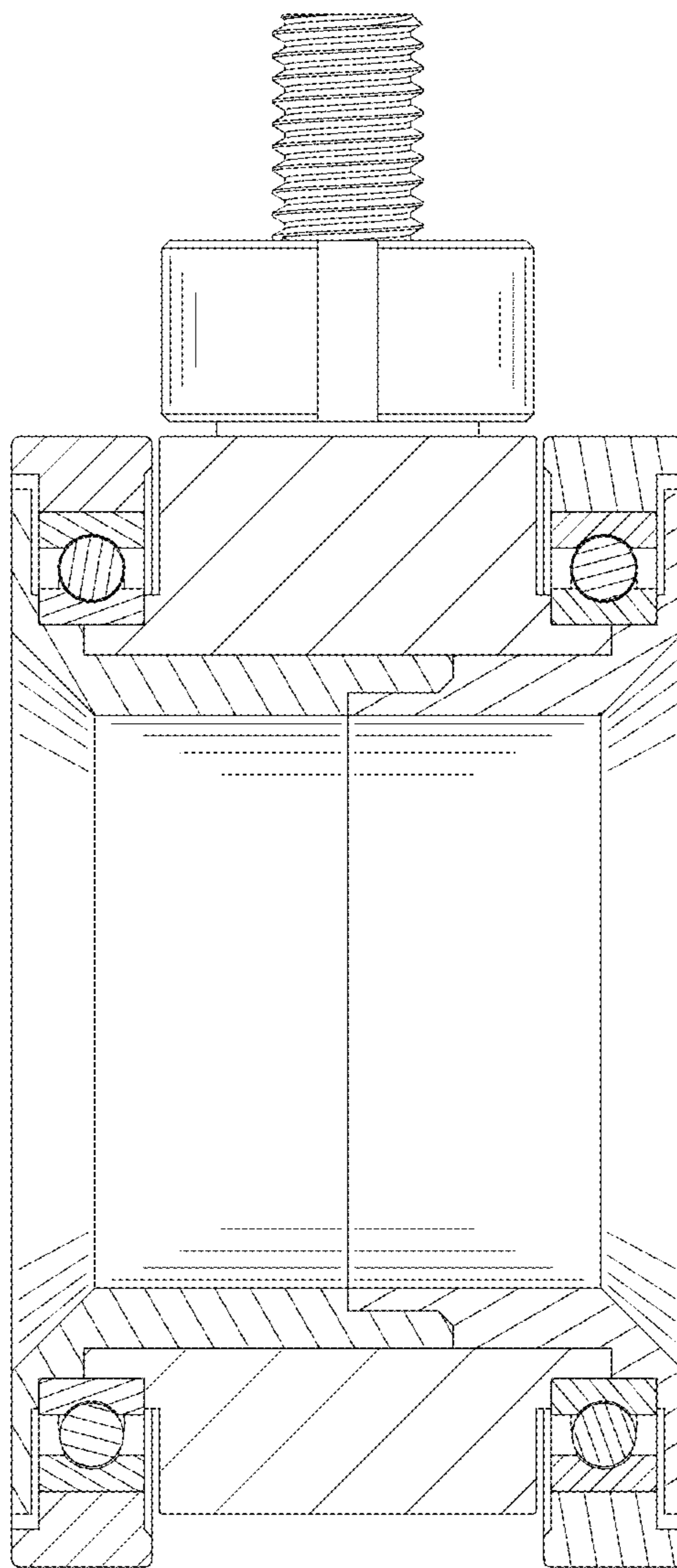


Fig.10

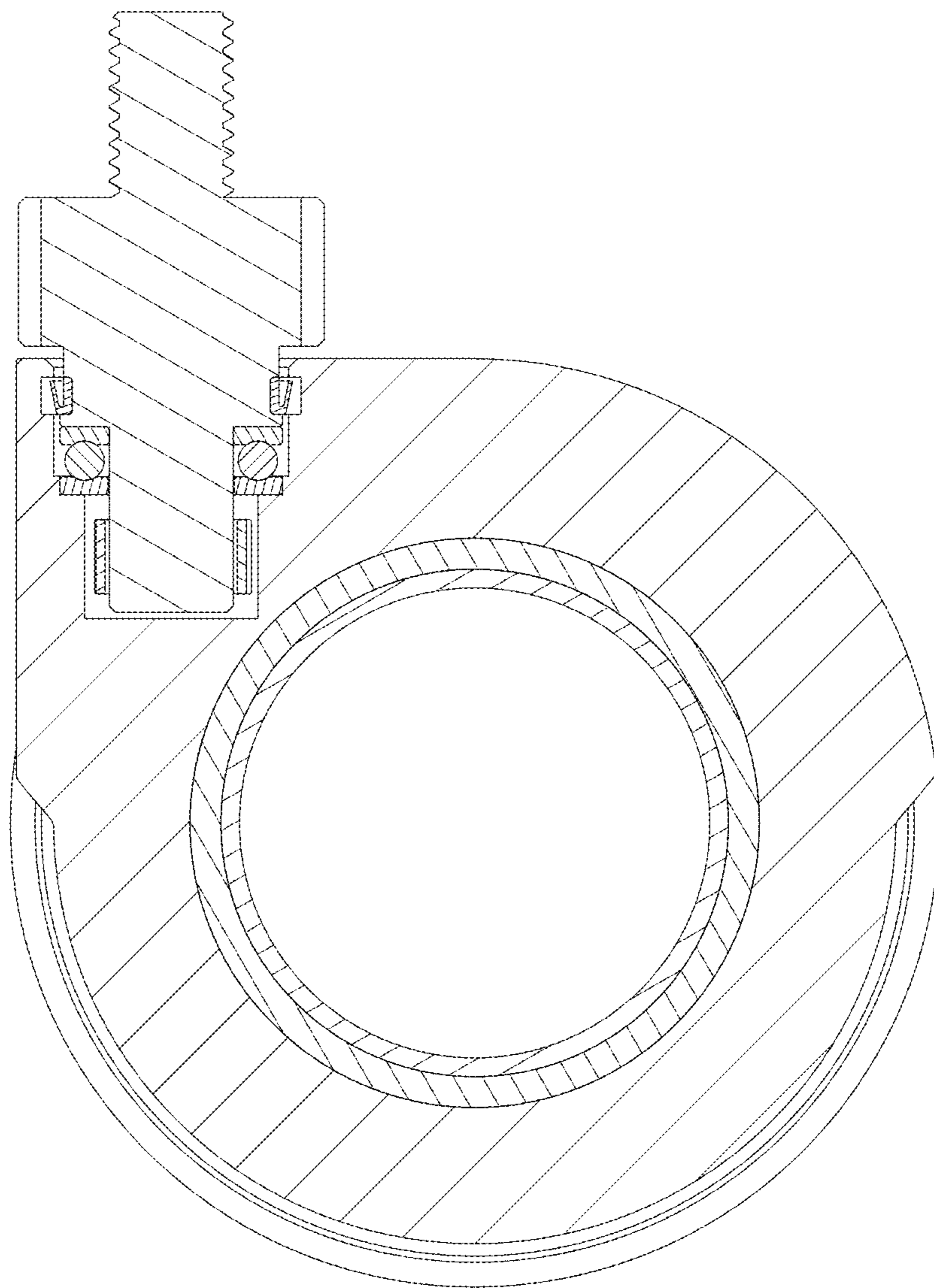


Fig.11

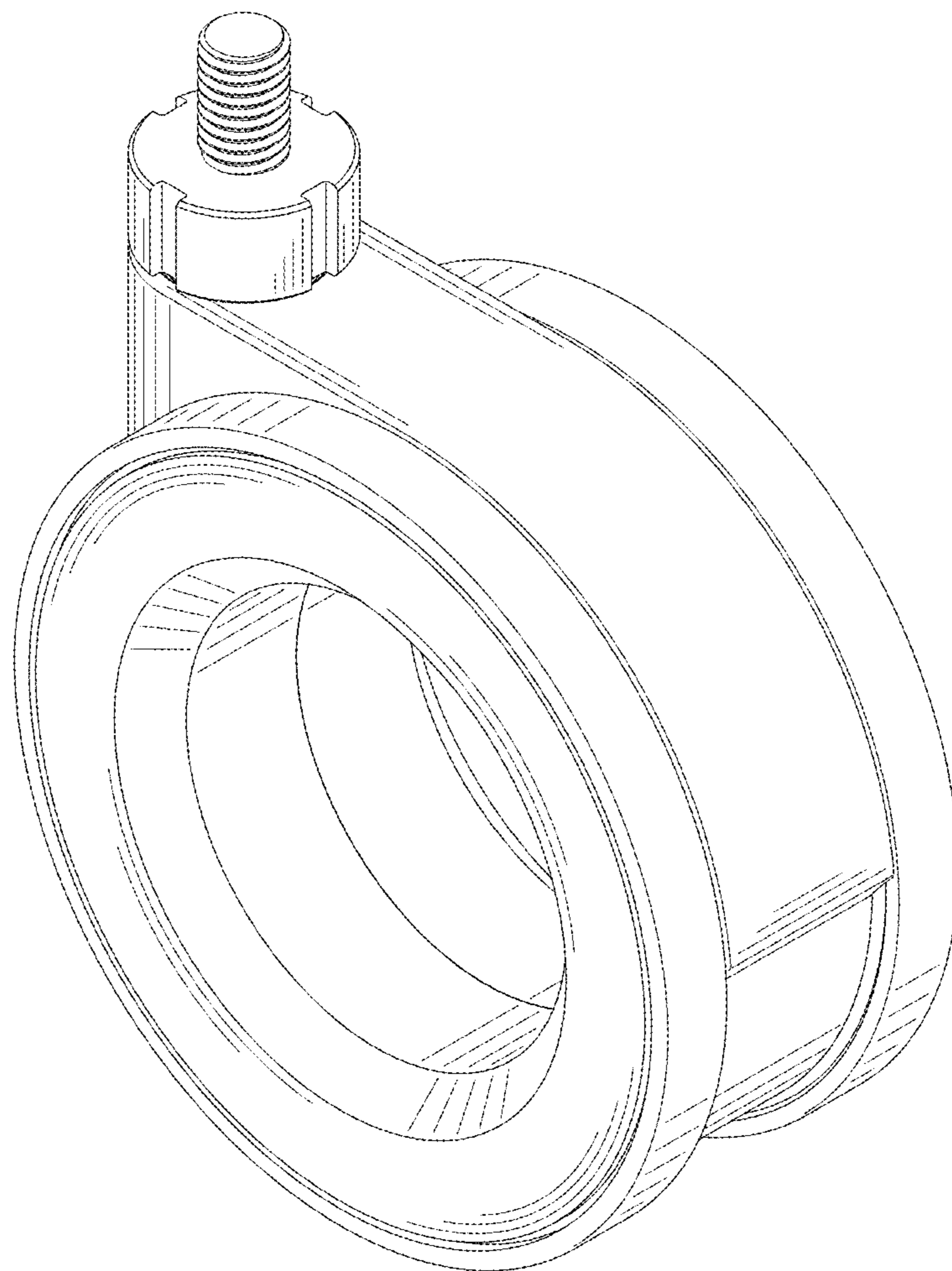


Fig.12

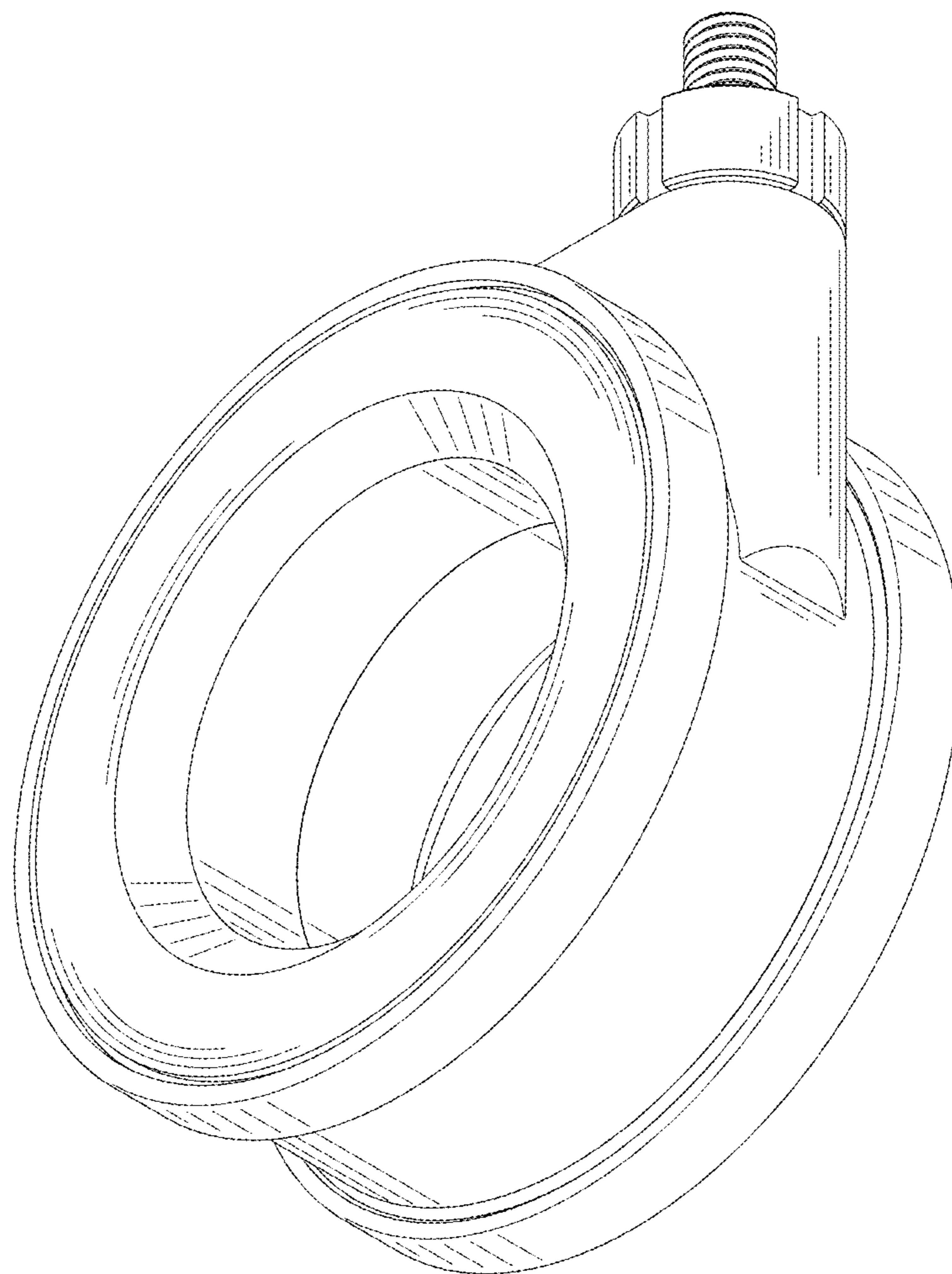


Fig.13

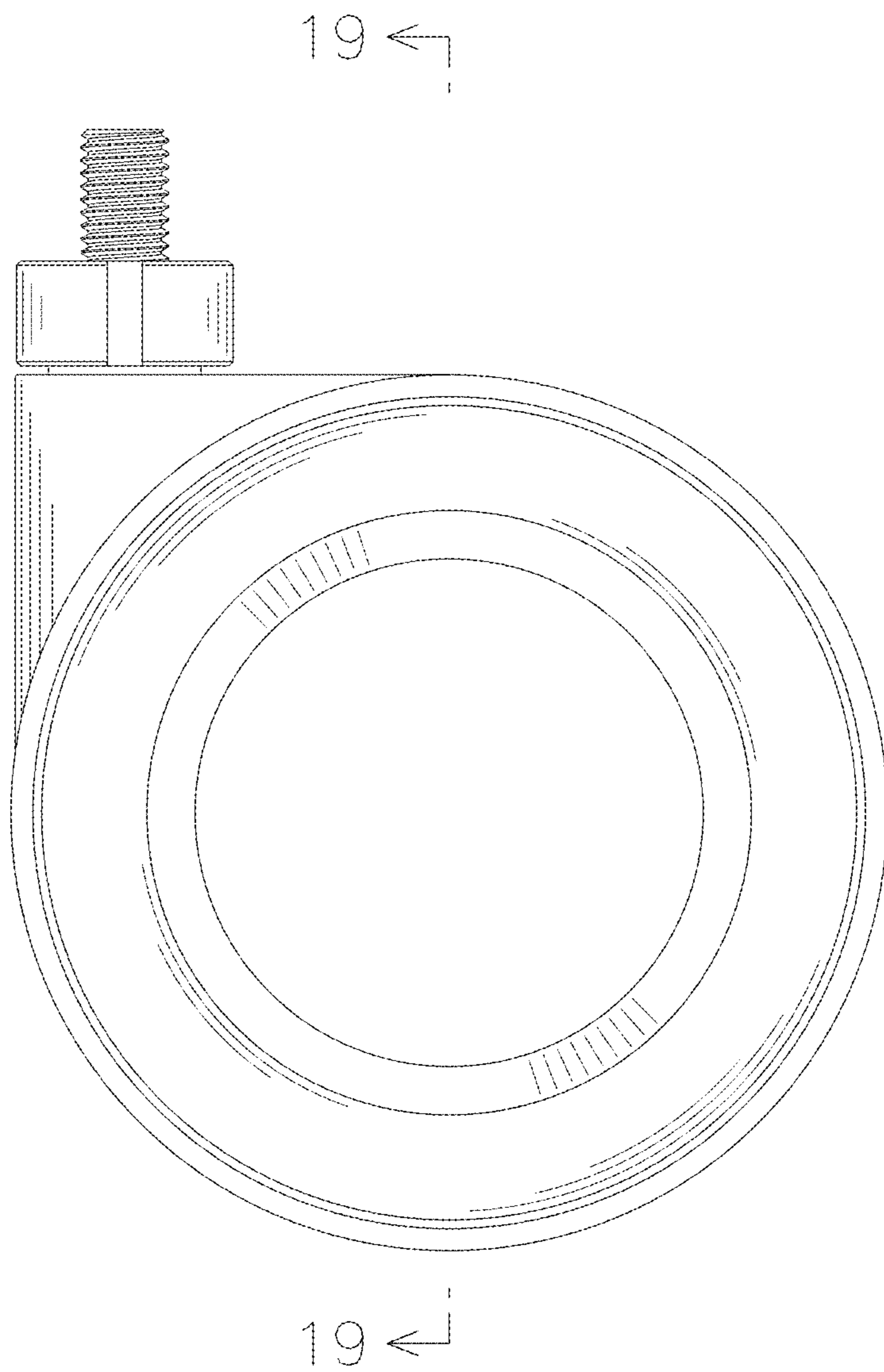


Fig.14

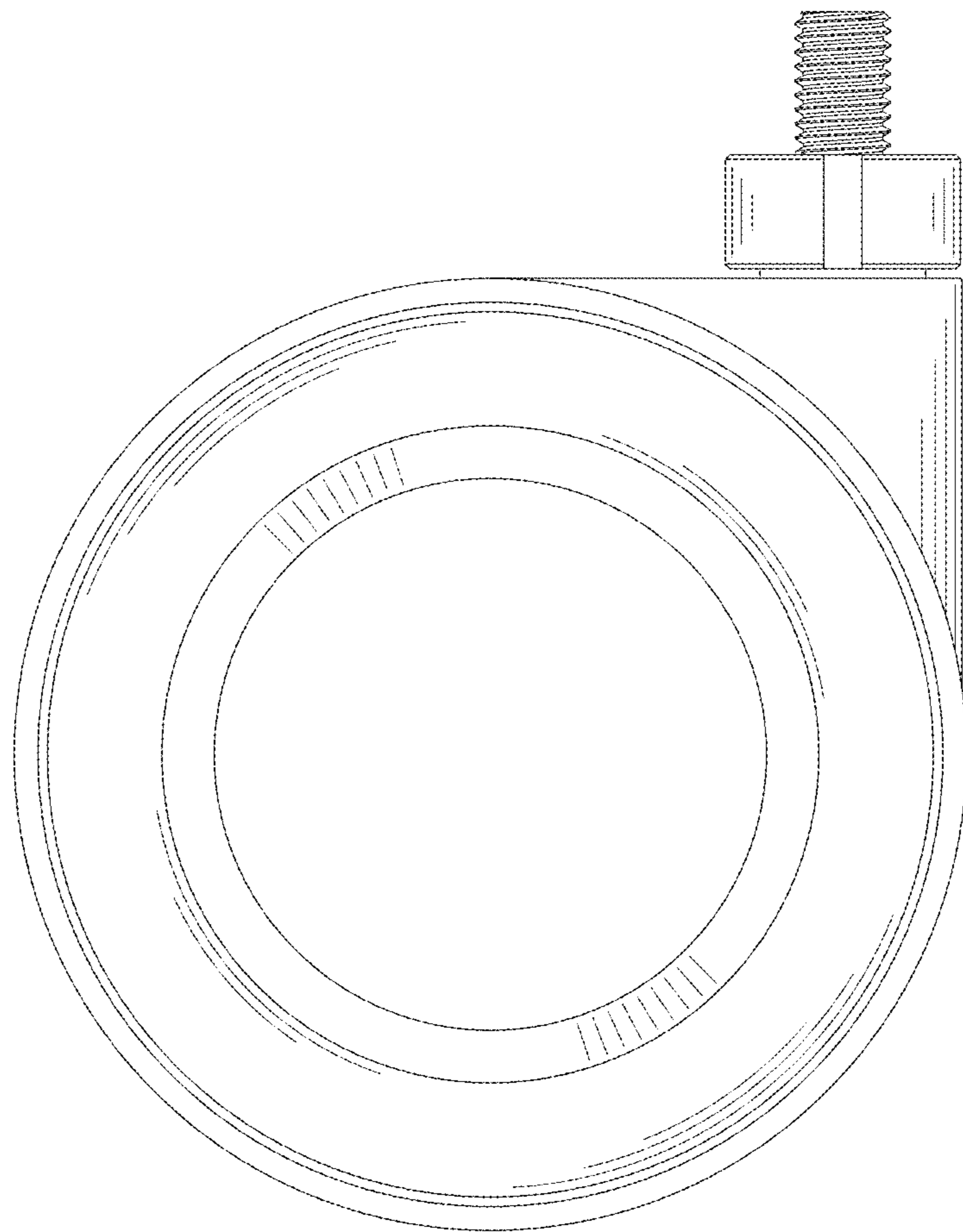


Fig.15

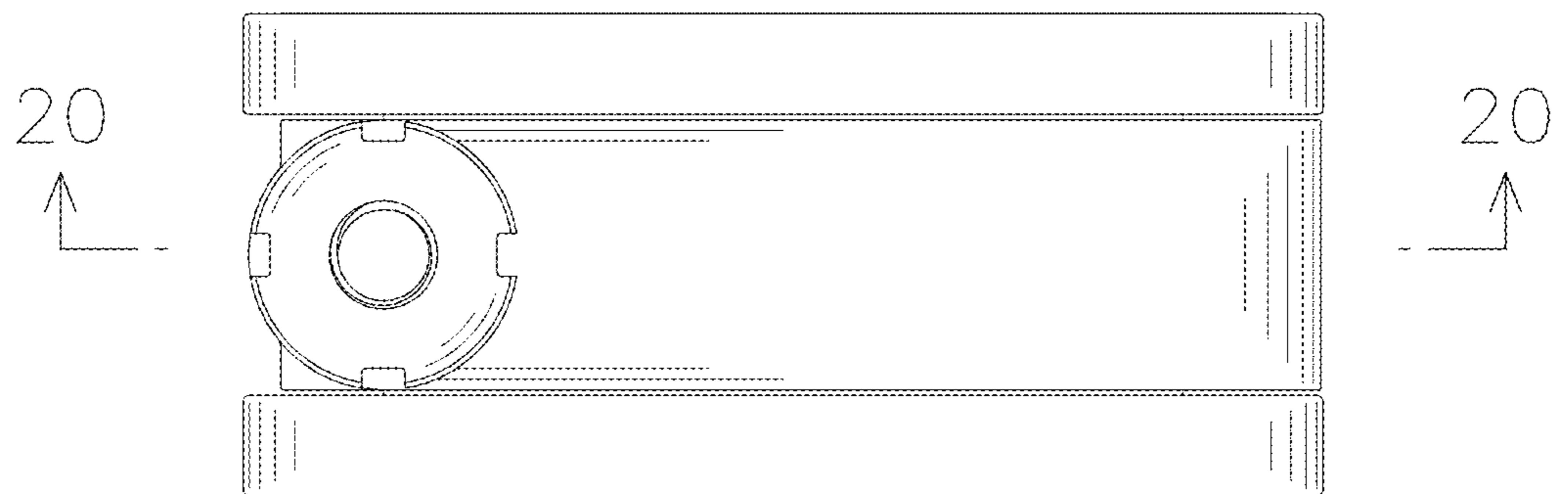


Fig.16

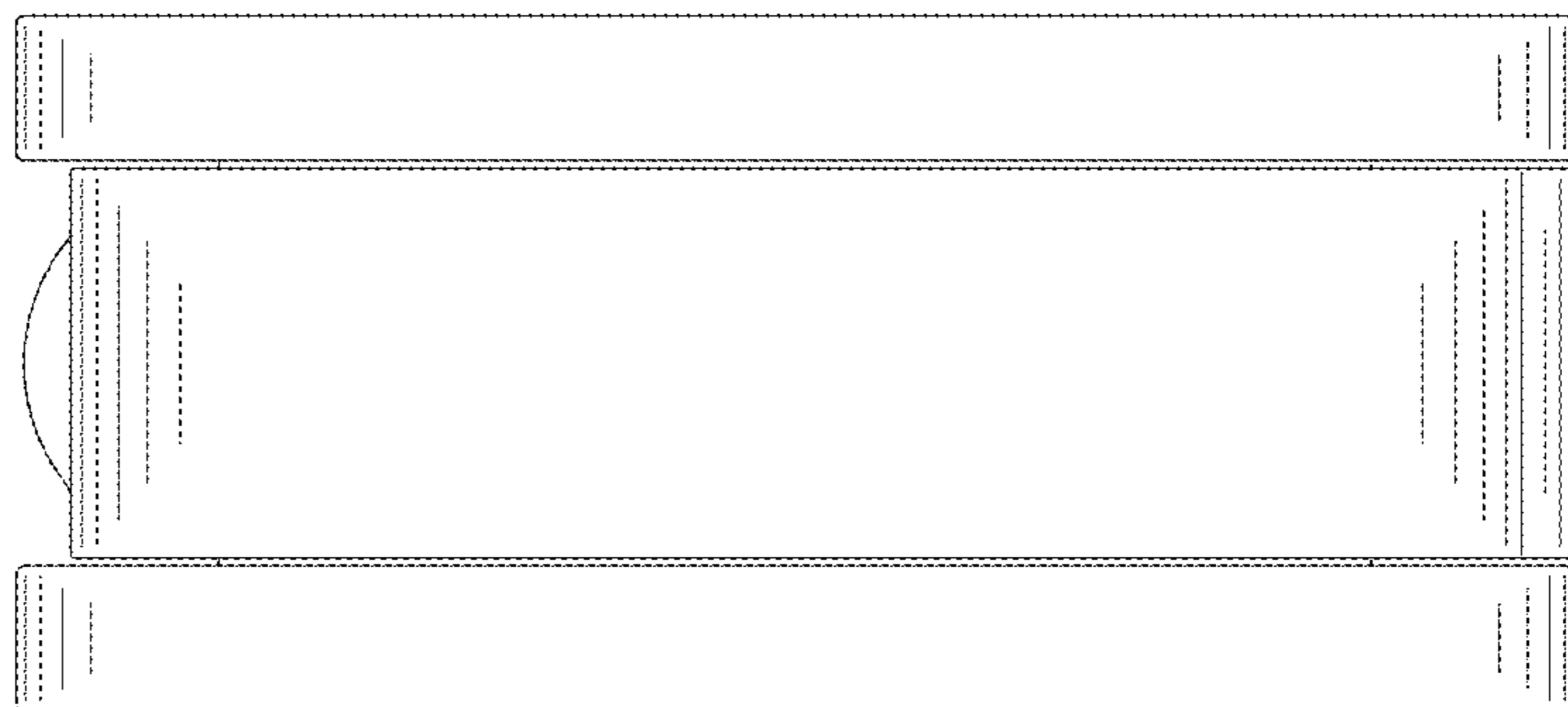


Fig.17

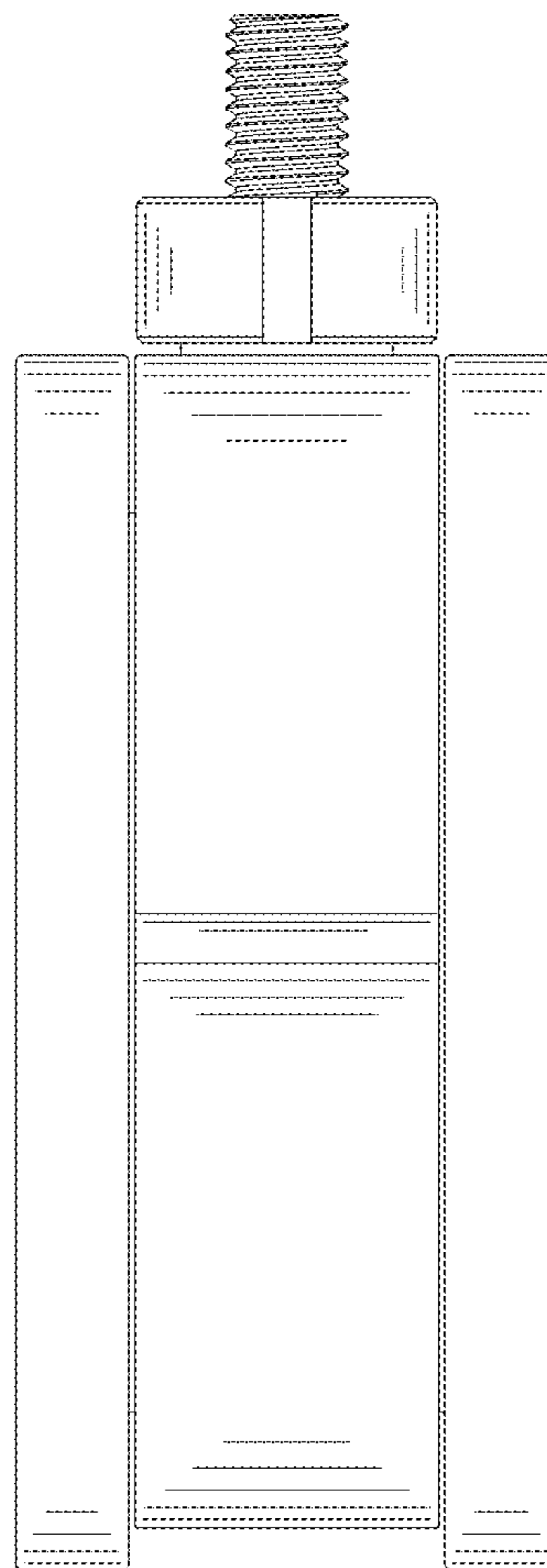


Fig.18

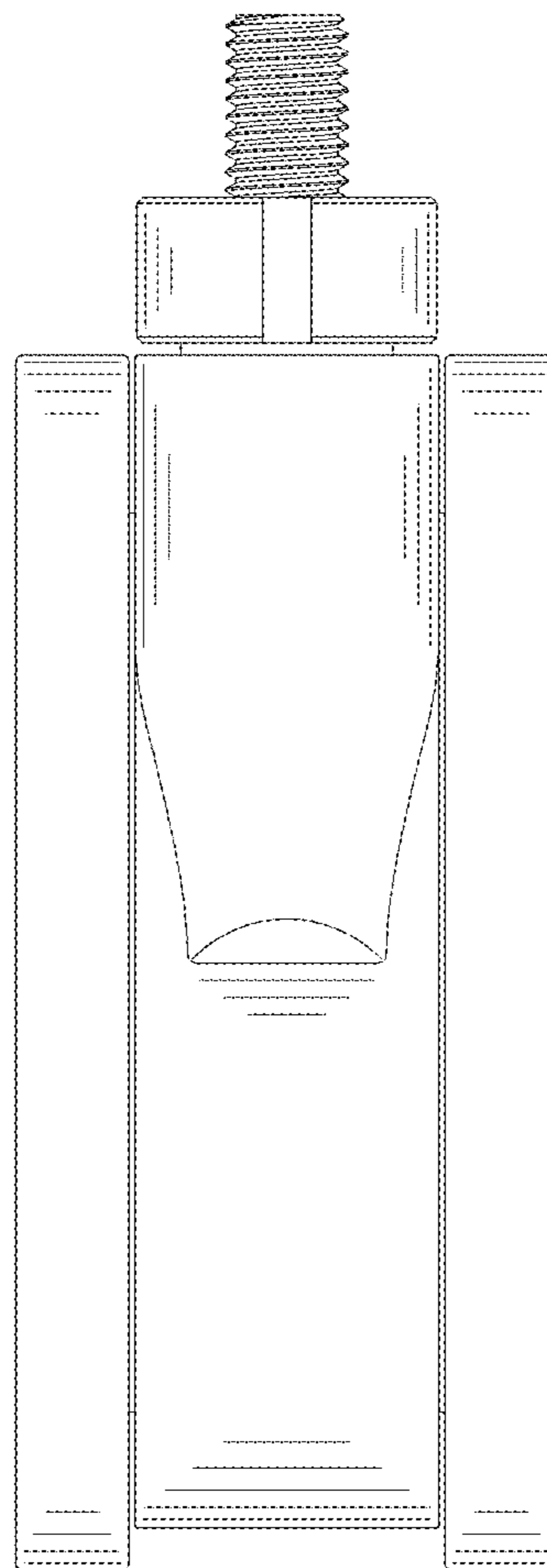


Fig.19

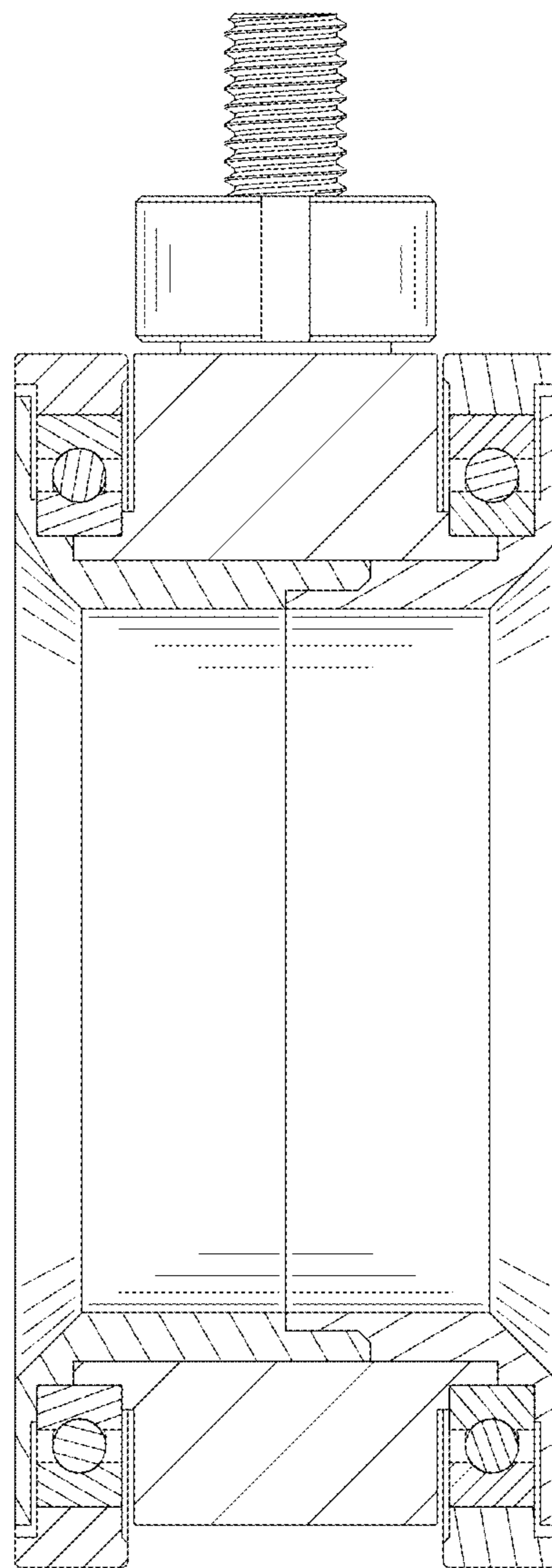


Fig. 20

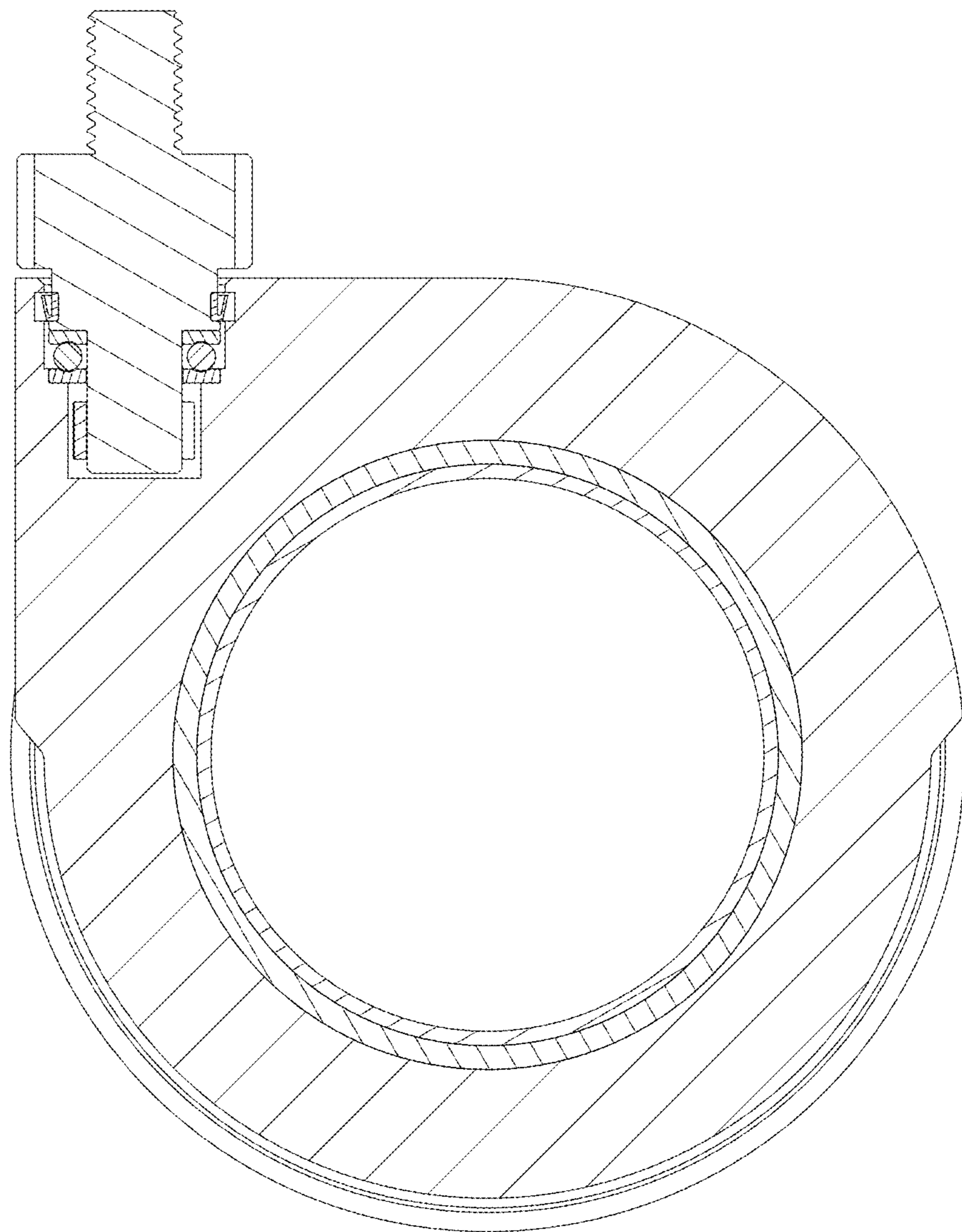


Fig. 21

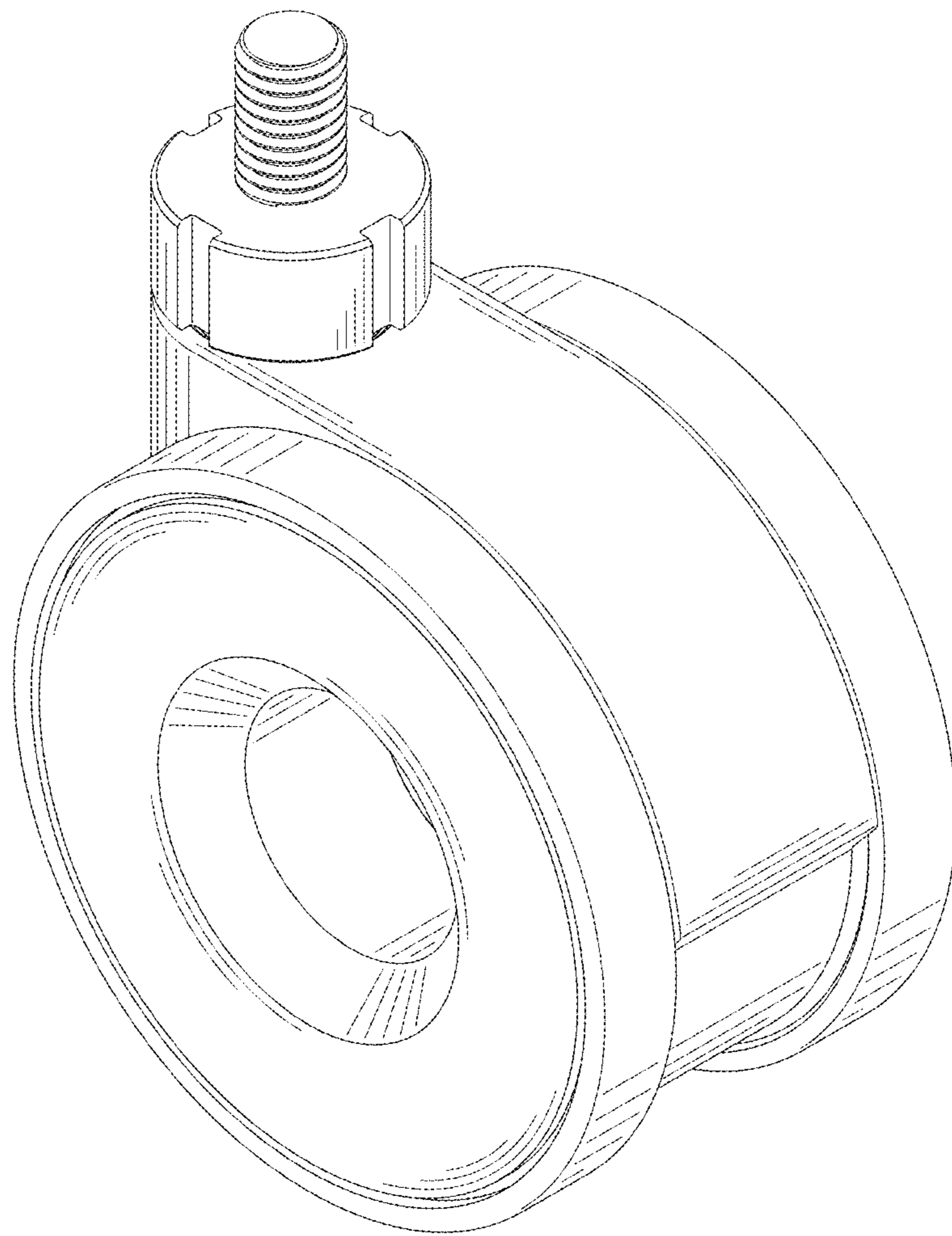


Fig. 22

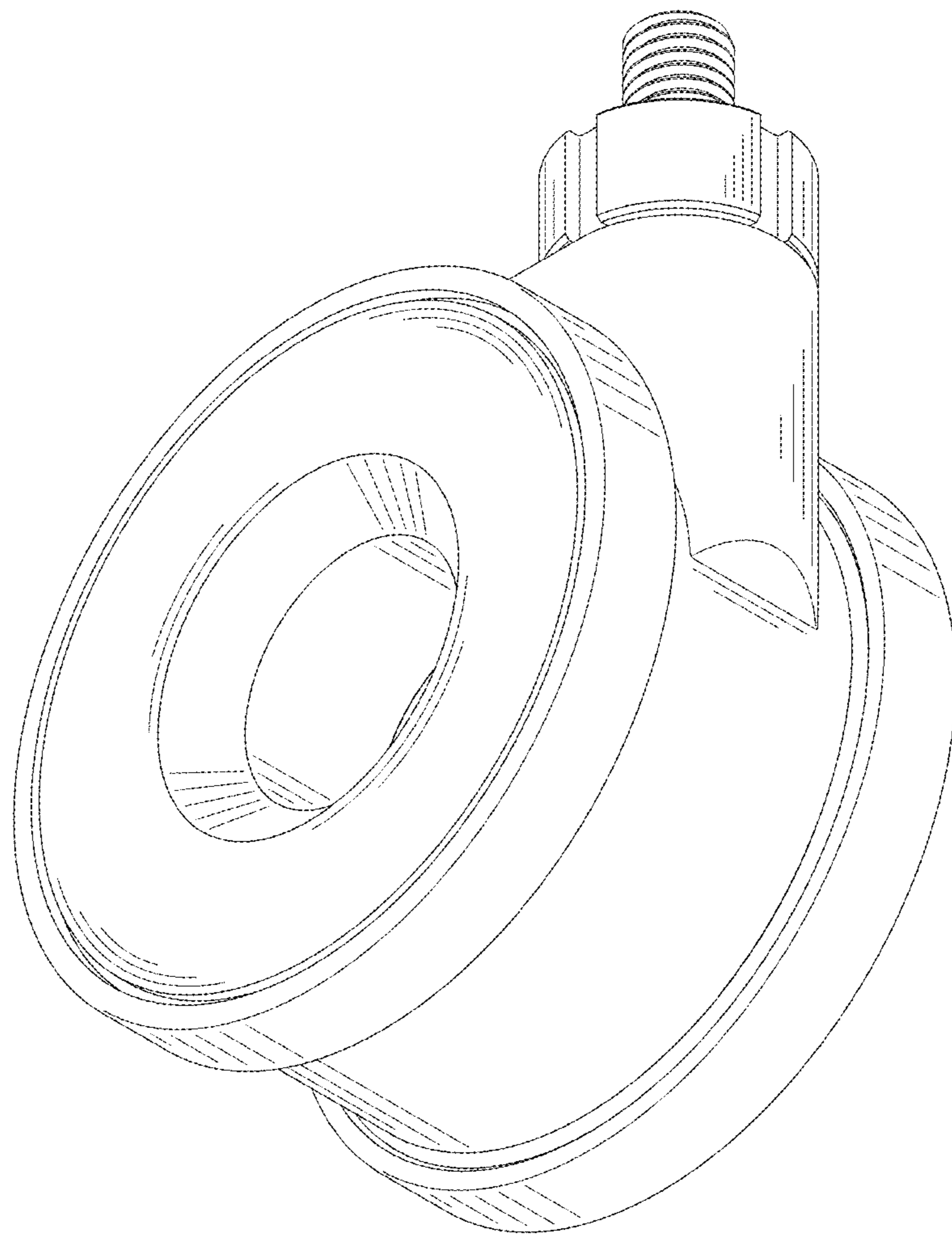


Fig. 23

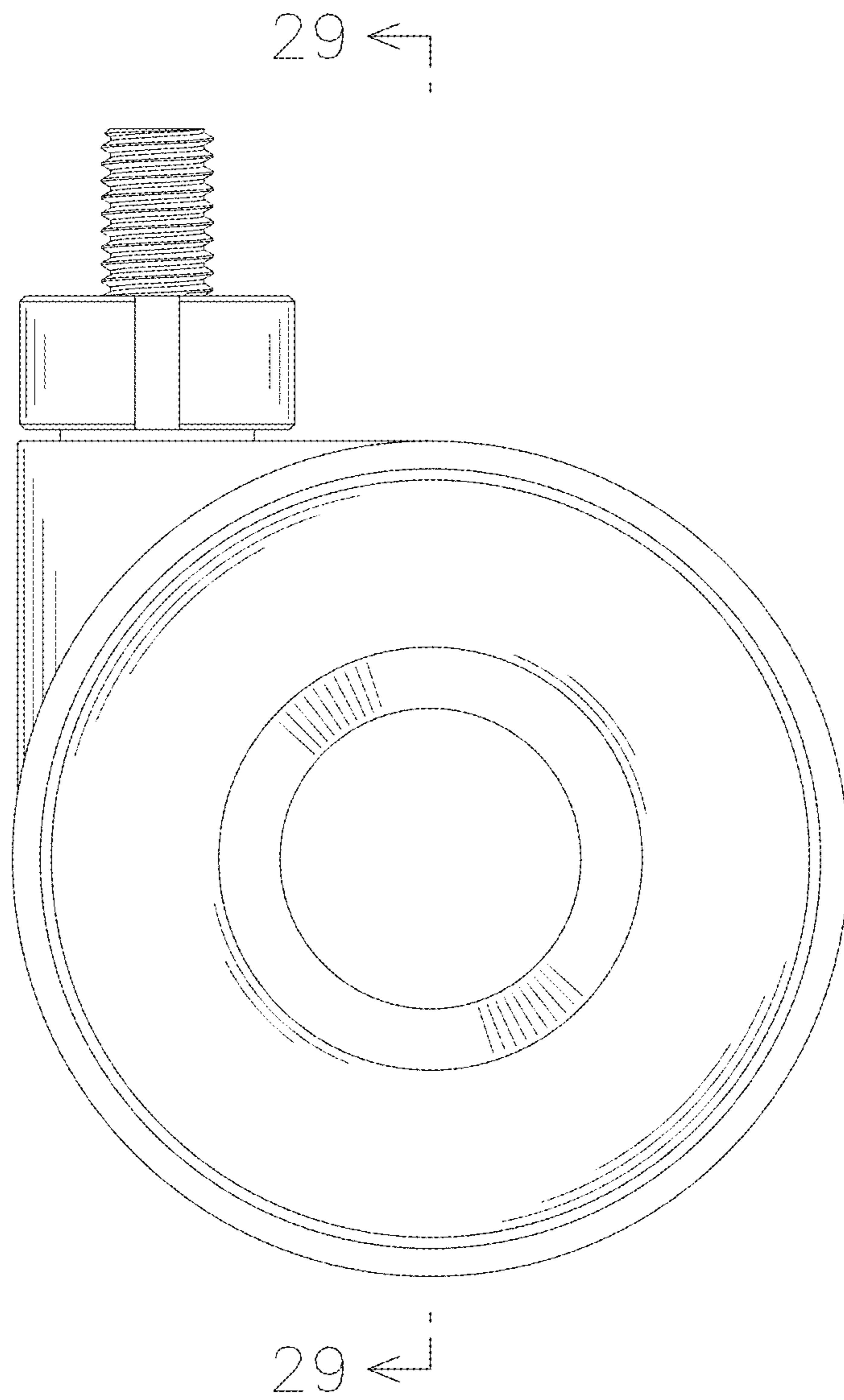


Fig. 24

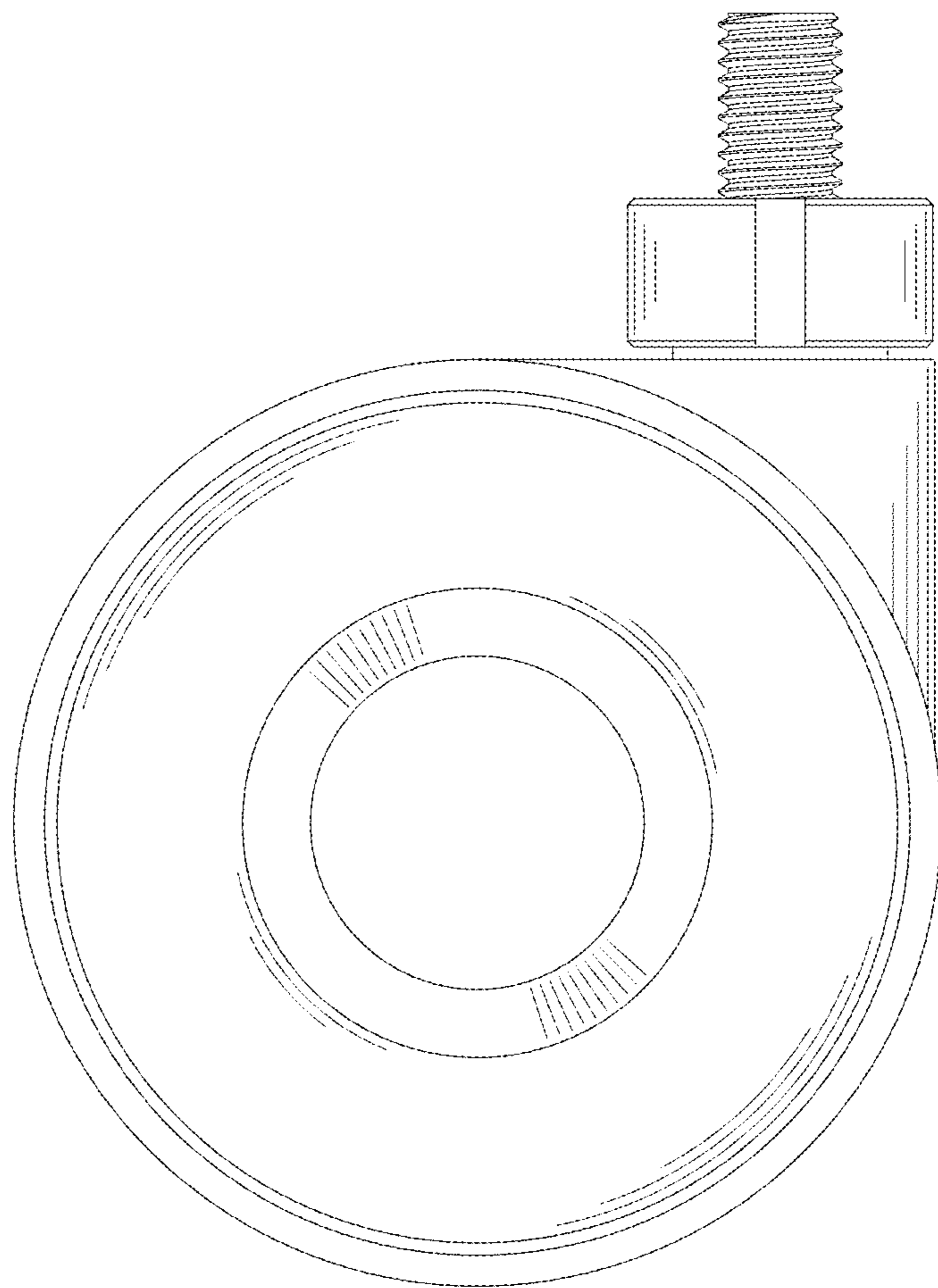


Fig. 25

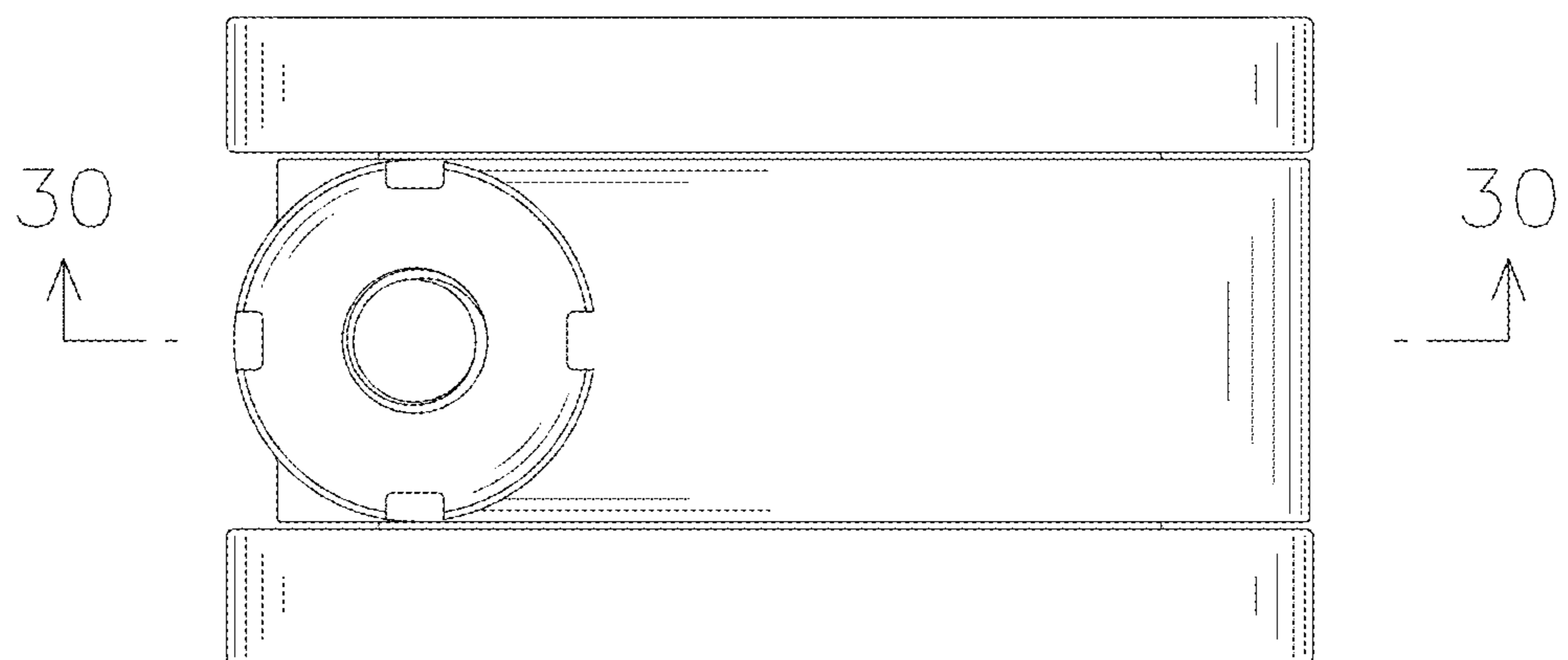


Fig. 26

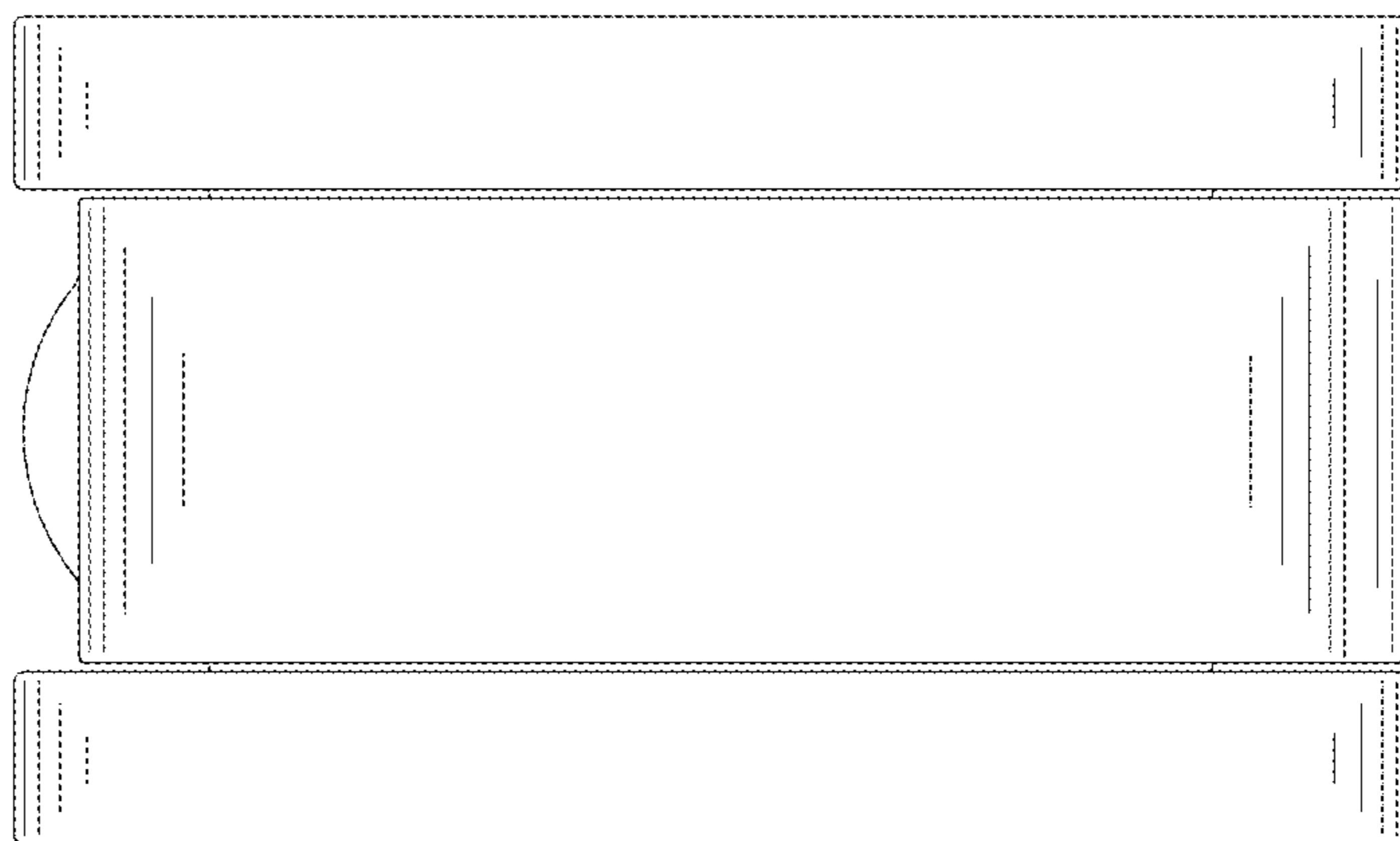


Fig. 27

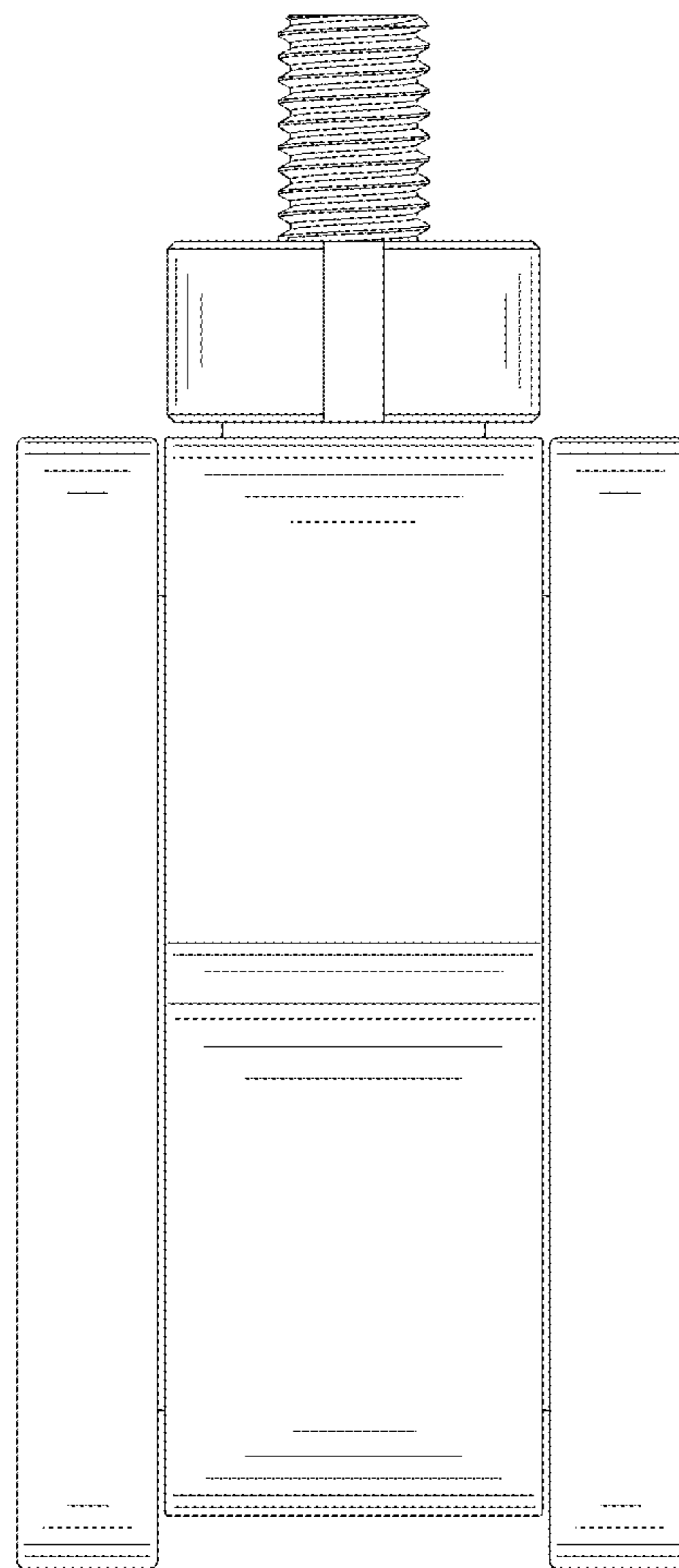


Fig. 28

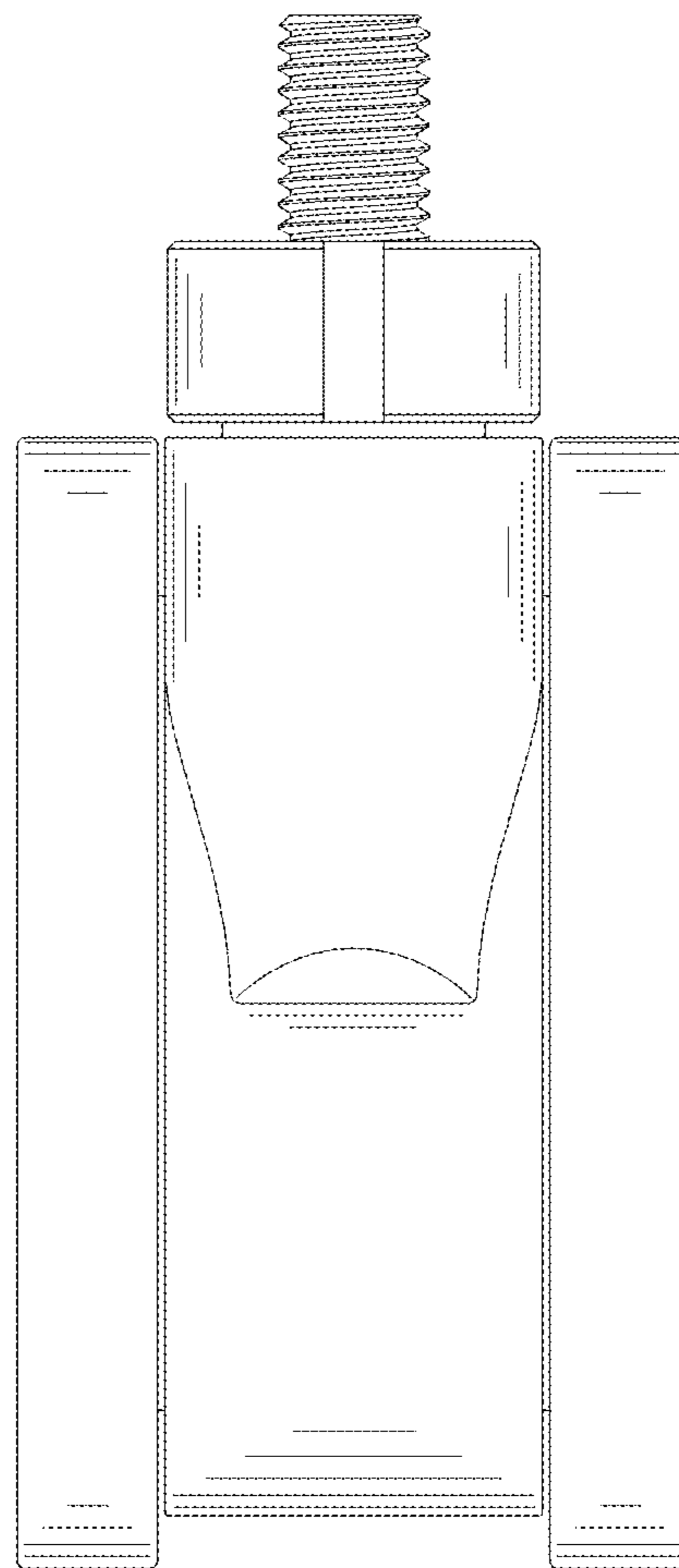


Fig. 29

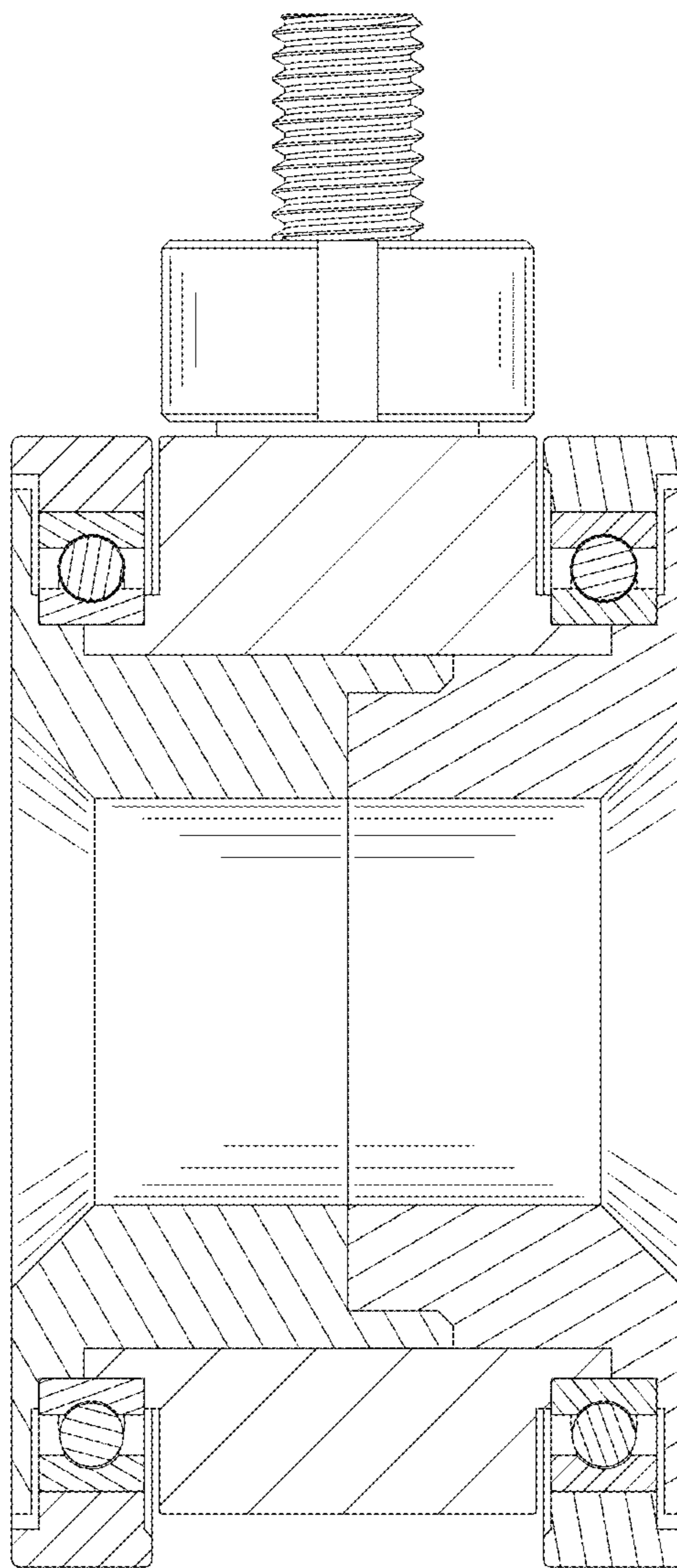


Fig. 30

