



US00D731557S

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

(10) **Patent No.:** **US D731,557 S**
(45) **Date of Patent:** **** Jun. 9, 2015**

(54) **ADAPTOR**

(71) Applicant: **A & E INCORPORATED**, Racine, WI (US)

(72) Inventors: **Mark Brunner**, West Allis, WI (US);
Jason Horner, Burlington, WI (US)

(73) Assignee: **A & E Incorporated**, Racine, WI (US)

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

(21) Appl. No.: **29/485,874**

(22) Filed: **Mar. 24, 2014**

(51) **LOC (10) Cl.** **15-02**

(52) **U.S. Cl.**
USPC **D15/7**

(58) **Field of Classification Search**
USPC D15/7-9; D23/231, 232, 225; 417/60,
417/235, 265, 321, 355, 358, 363, 359,
417/410.1, 415-416, 405, 900, 430, 43,
417/554; 60/408, 412; 184/26-37;
415/140-147; 123/495, 509;
166/105.1, 105.2, 311
CPC F04B 39/00; F04B 39/10; F04B 53/00;
E21B 37/02
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | | |
|--------------|---------|-------------------|-------|-------|
| D327,275 S * | 6/1992 | Sheldon | | D15/7 |
| D461,827 S * | 8/2002 | Koebbe | | D15/7 |
| D472,558 S * | 4/2003 | MacPherson et al. | | D15/7 |
| D583,389 S * | 12/2008 | Bilger | | D15/7 |
| D623,200 S * | 9/2010 | Fulkerson et al. | | D15/7 |
| D641,382 S * | 7/2011 | Hawes et al. | | D15/7 |

(Continued)

OTHER PUBLICATIONS

“Compression Gauge Extension” (Part No. 7881) manufactured by Innovative Products of America, Inc. Mar. 14, 2014 screenshot.

“Compression Test Adaptor Long Reach” (Part No. 3781) manufactured by Laser Tools Co., Inc. Mar. 14, 2014 screenshot.
A&E Incorporated “M14 Compression Adaptor Extension” (Part No. 73110), Mar. 14, 2014 screenshot.

Primary Examiner — Ralf Seifert

(74) *Attorney, Agent, or Firm* — Ryan Kromholz & Manion, S.C.

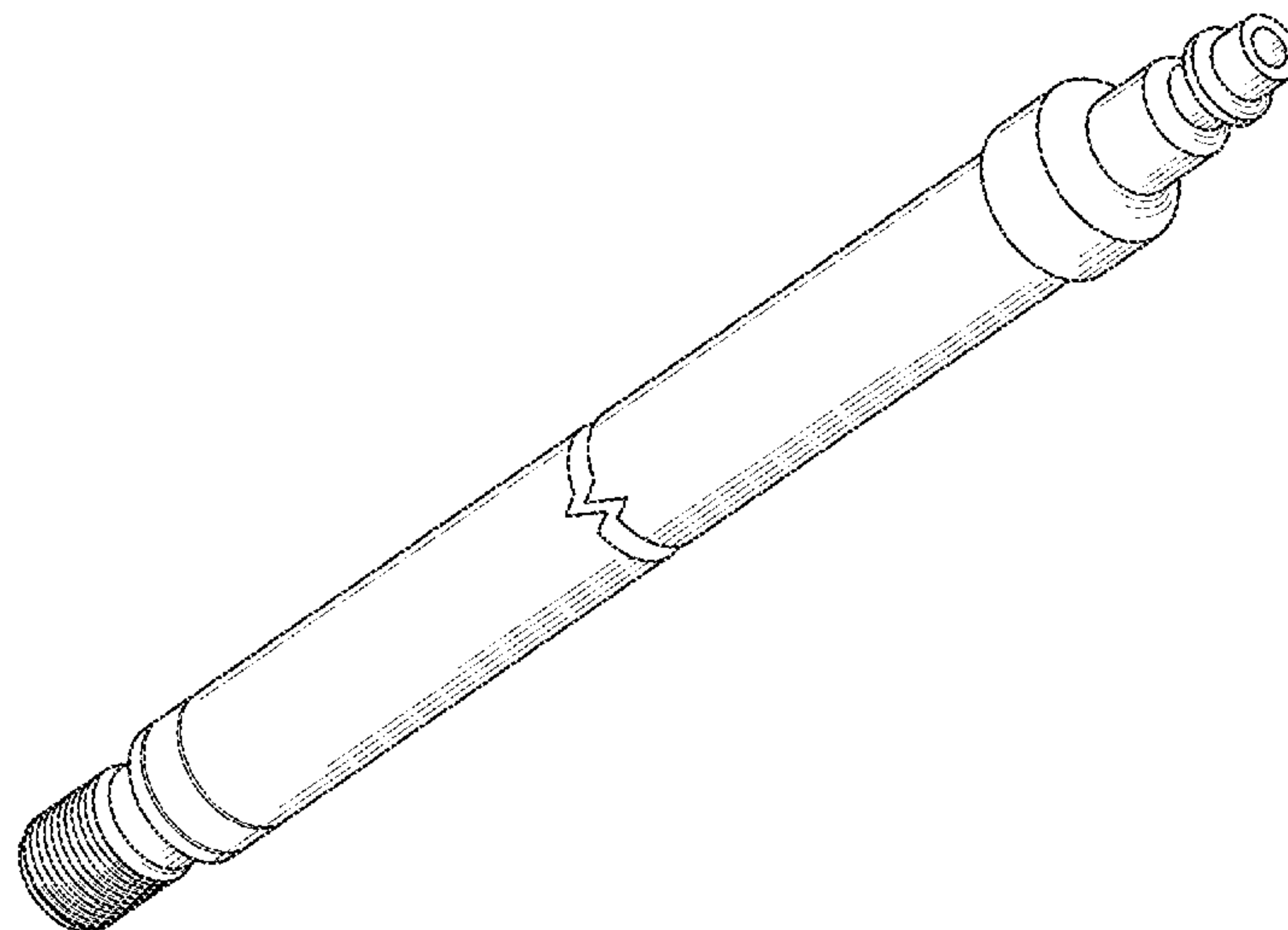
(57) **CLAIM**

The ornamental design for an adaptor, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a first embodiment of the adaptor;
FIG. 2 is a right side elevation view of the first embodiment, the left side elevation view being a mirror image of the right side elevation view, and the top and bottom views being identical to the right side elevation view;
FIG. 3 is a front elevation view of the first embodiment;
FIG. 4 is a rear elevation view of the first embodiment;
FIG. 5 is a perspective view of a second embodiment of the adaptor;
FIG. 6 is a right side elevation view of the second embodiment, the left side elevation view being a mirror image of the right side elevation view, and the top and bottom views being identical to the right side elevation view;
FIG. 7 is a front elevation view of the second embodiment;
FIG. 8 is a rear elevation view of the second embodiment;
FIG. 9 is a perspective view of a third embodiment of the adaptor;
FIG. 10 is a right side elevation view of the third embodiment, the left side elevation view being a mirror image of the right side elevation view, and the top and bottom views being identical to the right side elevation view;
FIG. 11 is a front elevation view of the third embodiment; and,
FIG. 12 is a rear elevation view of the third embodiment.

1 Claim, 3 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D643,442 S * 8/2011 Sato et al. D15/9
D643,855 S * 8/2011 Taniguchi et al. D15/7
D643,856 S * 8/2011 Taniguchi et al. D15/7
D682,317 S * 5/2013 Carruth et al. D15/7

D700,622 S * 3/2014 Carruth et al. D15/7
D702,261 S * 4/2014 Landers et al. D15/7
D707,716 S * 6/2014 Bishop et al. D15/7
D717,834 S * 11/2014 Carruth et al. D15/7
D717,835 S * 11/2014 Carruth et al. D15/7

* cited by examiner

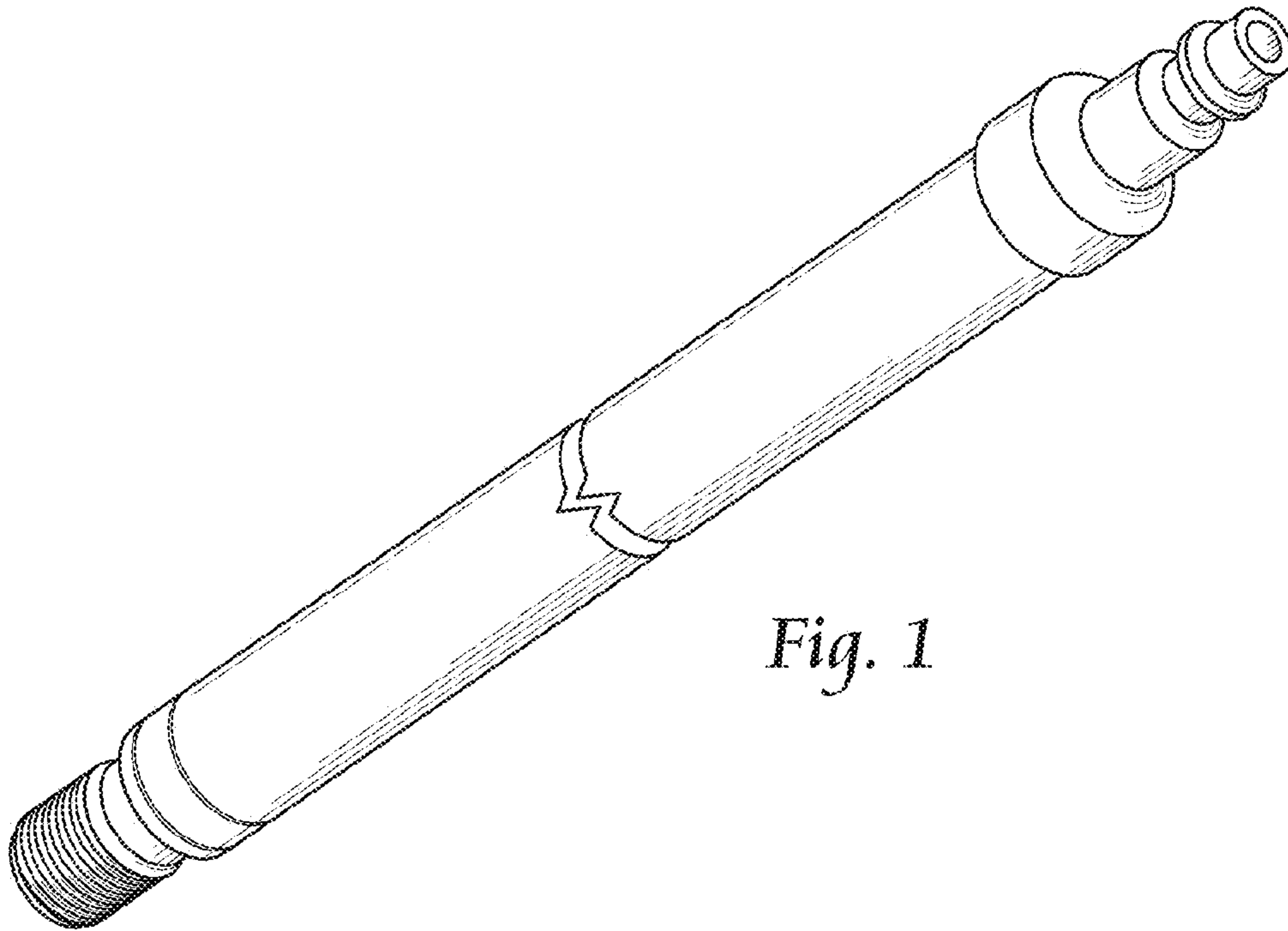


Fig. 1

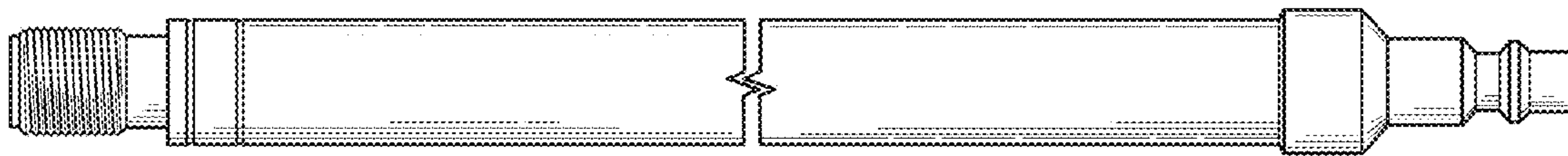


Fig. 2



Fig. 3

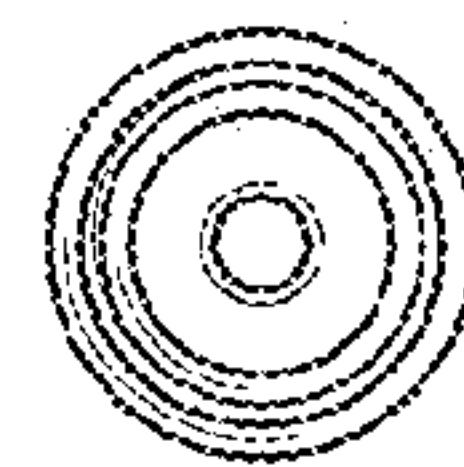


Fig. 4

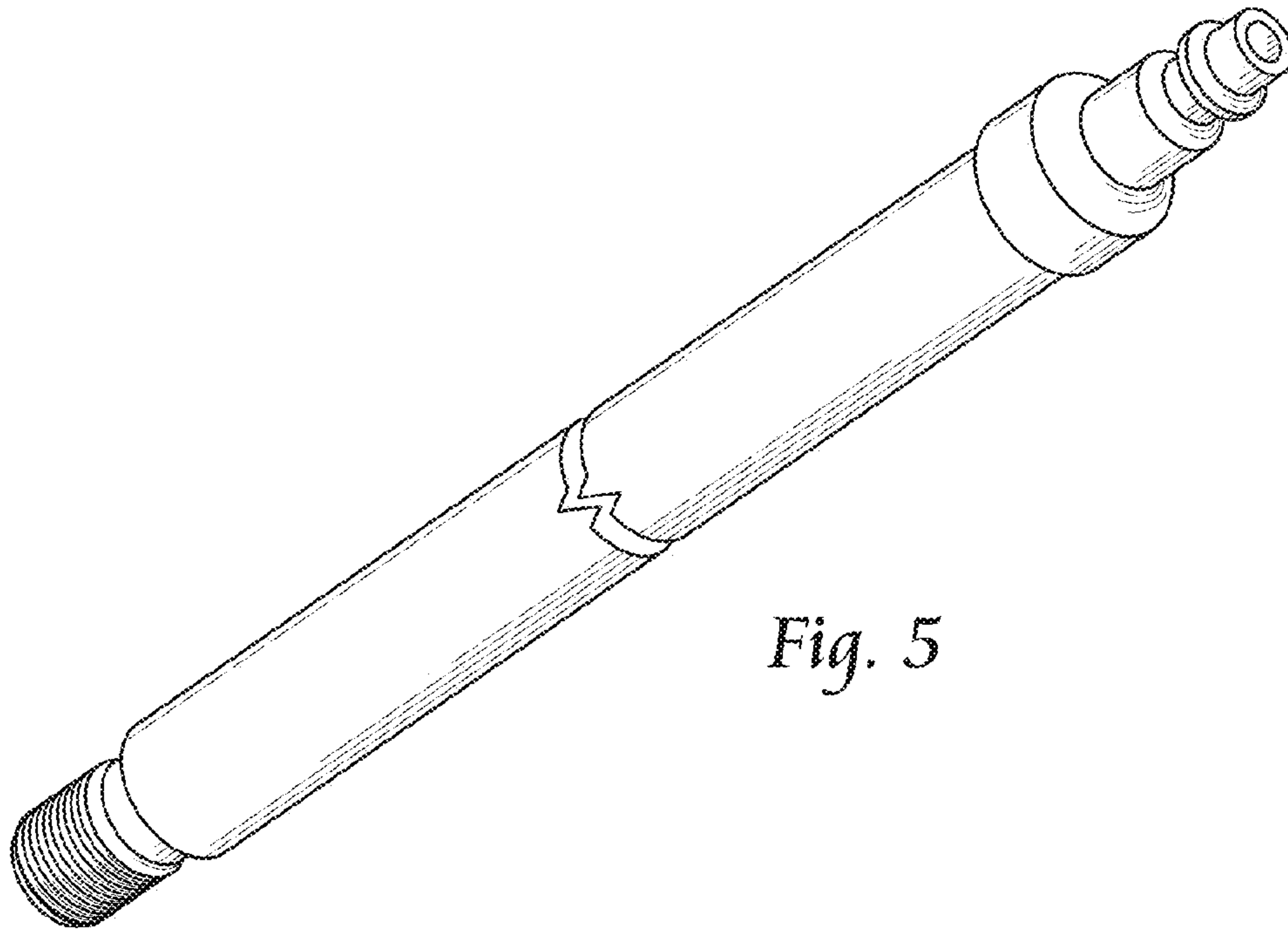


Fig. 5

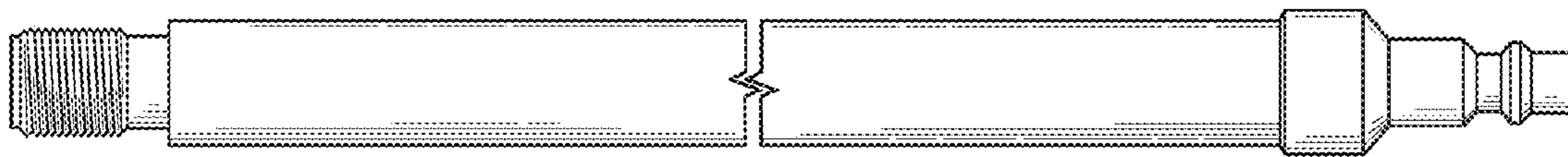


Fig. 6



Fig. 7

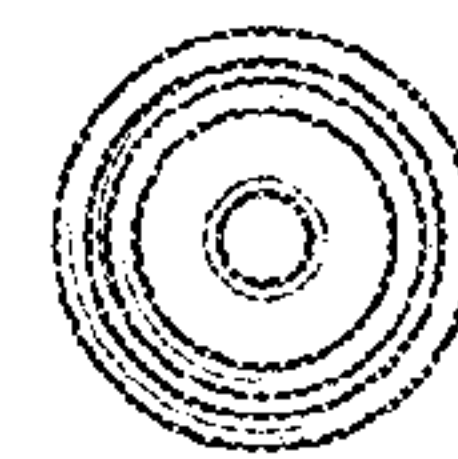


Fig. 8

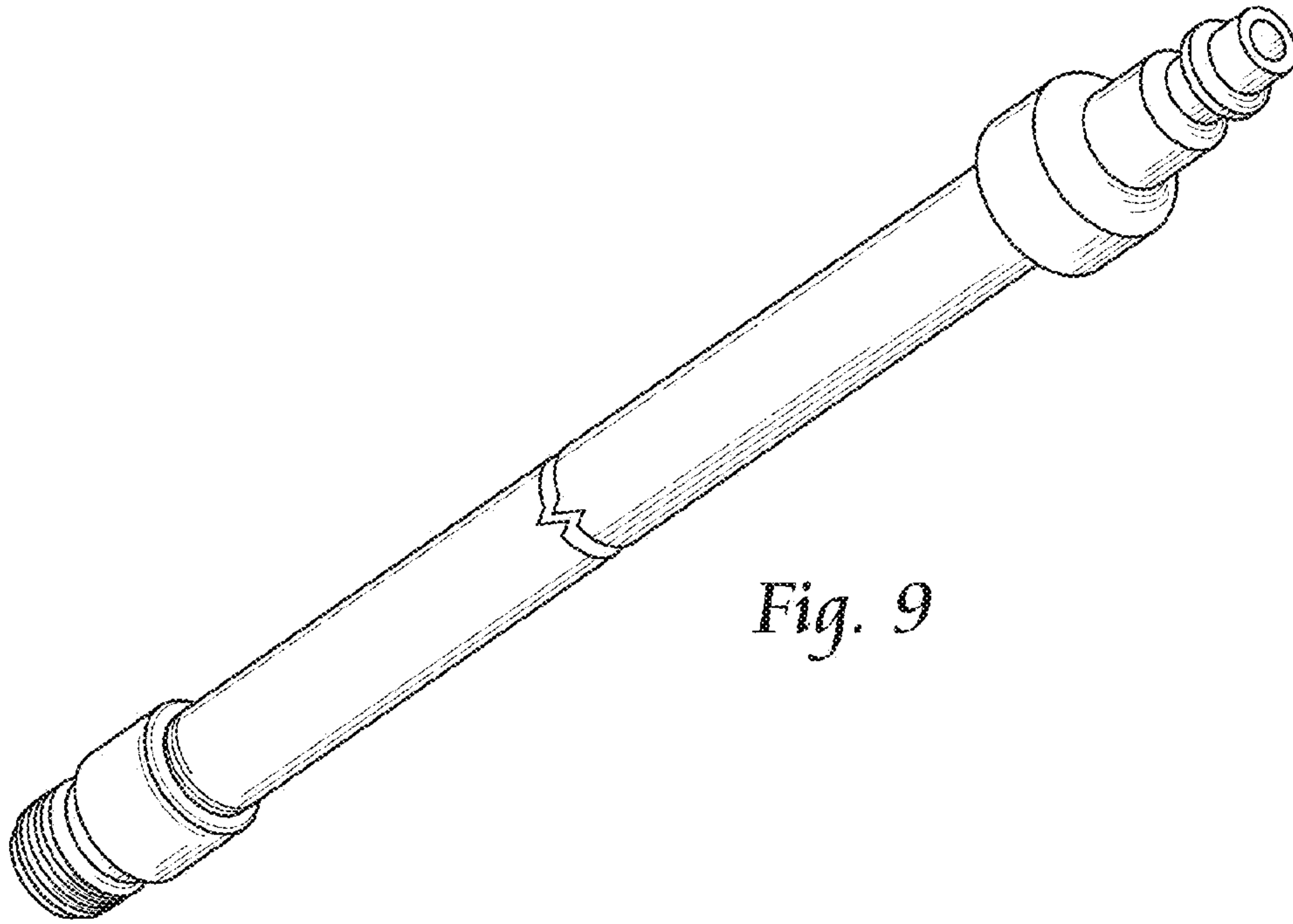


Fig. 9

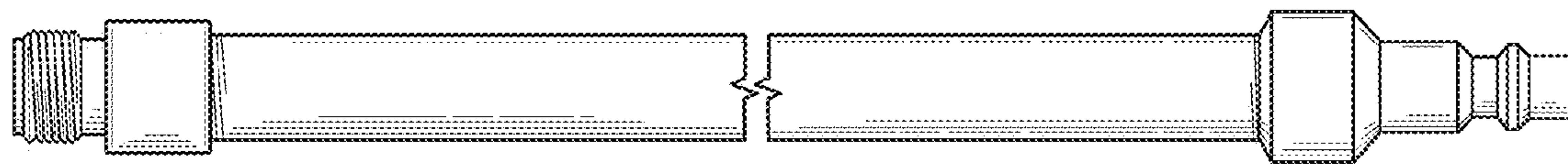


Fig. 10

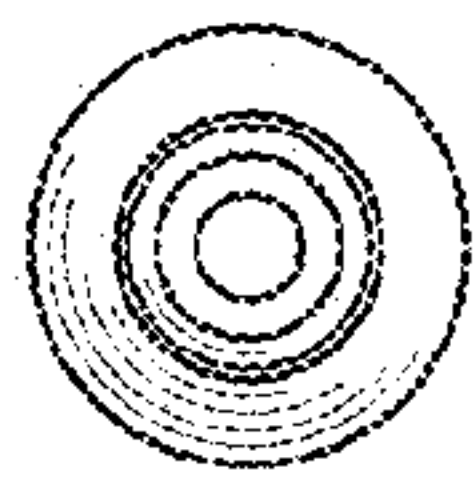


Fig. 11

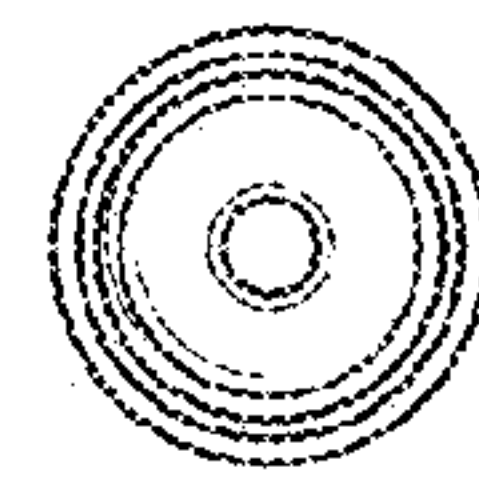


Fig. 12