

US00D805114S

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

(10) **Patent No.:** **US D805,114 S**  
(45) **Date of Patent:** **\*\* Dec. 12, 2017**

- (54) **TRAVELING ROTARY VALVE**
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- (72) Inventor: **Roy Jones**, Montgomery, TX (US)
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/552,768**
- (22) Filed: **Jan. 26, 2016**
- (51) **LOC (10) Cl.** ..... **15-09**
- (52) **U.S. Cl.**  
USPC ..... **D15/138**
- (58) **Field of Classification Search**  
USPC ..... D15/138, 139; D23/233  
CPC ..... B01D 2259/40005; C01B 13/0259; F16K  
3/10; F16K 11/074; Y02P 20/149; Y10T  
137/88102  
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 2,049,166 A \* 7/1936 Maire ..... F04B 53/14  
277/336
- 4,848,454 A \* 7/1989 Spears ..... E21B 31/107  
166/108
- 5,356,114 A \* 10/1994 Havard ..... F04B 53/122  
251/176
- 5,713,391 A \* 2/1998 Ko ..... F16K 11/074  
137/625.4
- 6,247,496 B1 \* 6/2001 Ko ..... F16K 3/0227  
137/625.31
- 6,626,203 B1 \* 9/2003 Schneider ..... F16K 11/074  
137/270
- 6,662,826 B1 \* 12/2003 Kokawa ..... F16K 11/074  
137/597
- 6,746,221 B1 \* 6/2004 Havard ..... F04B 47/02  
166/369
- 6,799,648 B2 \* 10/2004 Brandenburg ..... B22D 19/06  
175/393

- 7,281,594 B2 \* 10/2007 Hadin ..... E21B 10/36  
175/320
- 7,296,641 B2 \* 11/2007 Hadin ..... E21B 10/56  
175/418
- D788,268 S \* 5/2017 Gamache ..... D23/233
- 2007/0028971 A1 \* 2/2007 Wagner ..... B01D 53/0446  
137/625.15
- 2008/0105842 A1 \* 5/2008 Webster ..... F16K 11/074  
251/180
- 2008/0163940 A1 \* 7/2008 Chen ..... F16K 11/074  
137/597
- 2009/0020171 A1 \* 1/2009 Benstead ..... F16K 3/08  
137/540
- 2009/0107332 A1 \* 4/2009 Wagner ..... C01B 13/0259  
95/100
- 2010/0193721 A1 \* 8/2010 Melle ..... F16K 11/074  
251/213
- 2010/0224813 A1 \* 9/2010 Chung ..... F16K 11/074  
251/286
- 2011/0303304 A1 \* 12/2011 Tower ..... F16K 3/08  
137/269
- 2013/0284965 A1 \* 10/2013 Sun ..... F16K 11/074  
251/368
- 2014/0216254 A1 \* 8/2014 Tammera ..... B01D 53/0462  
95/114

(Continued)

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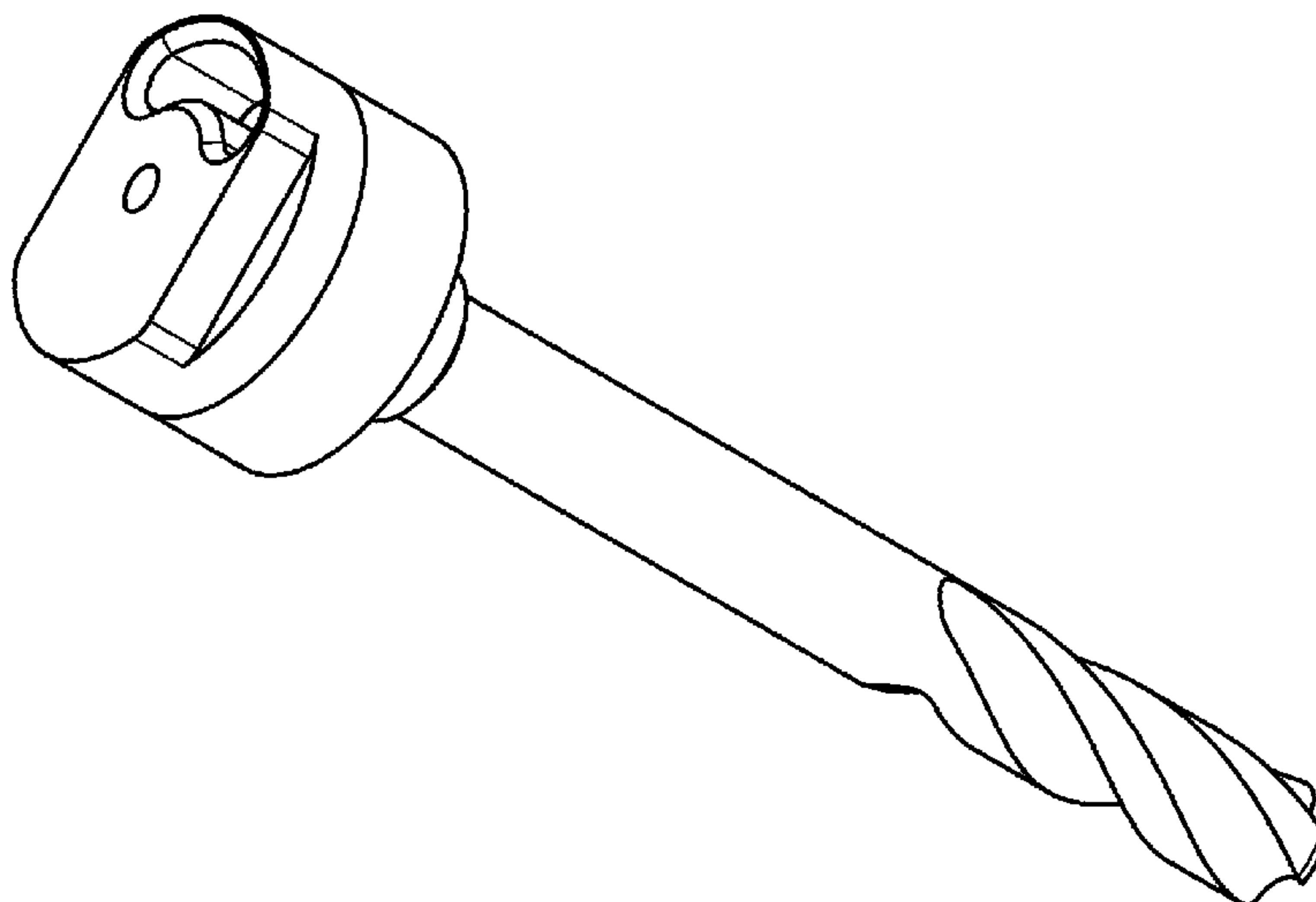
(57) **CLAIM**

The ornamental design for a traveling, rotary valve, as shown and described.

**DESCRIPTION**

FIG. 1 is a bottom perspective view of a traveling, rotary valve, showing my new design;  
FIG. 2 is a top perspective view thereof;  
FIG. 3 is front perspective view thereof; and,  
FIG. 4 is a right side perspective view thereof.

**1 Claim, 4 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

2014/0345729 A1\* 11/2014 Chang ..... F16K 11/076  
137/625.15  
2016/0161007 A1\* 6/2016 Jurczyk ..... F16K 3/08  
251/300  
2016/0305409 A1\* 10/2016 Ford ..... F16K 15/183  
2017/0114909 A1\* 4/2017 Chang ..... F16K 11/074  
2017/0211709 A1\* 7/2017 Xie ..... F16K 25/005

\* cited by examiner

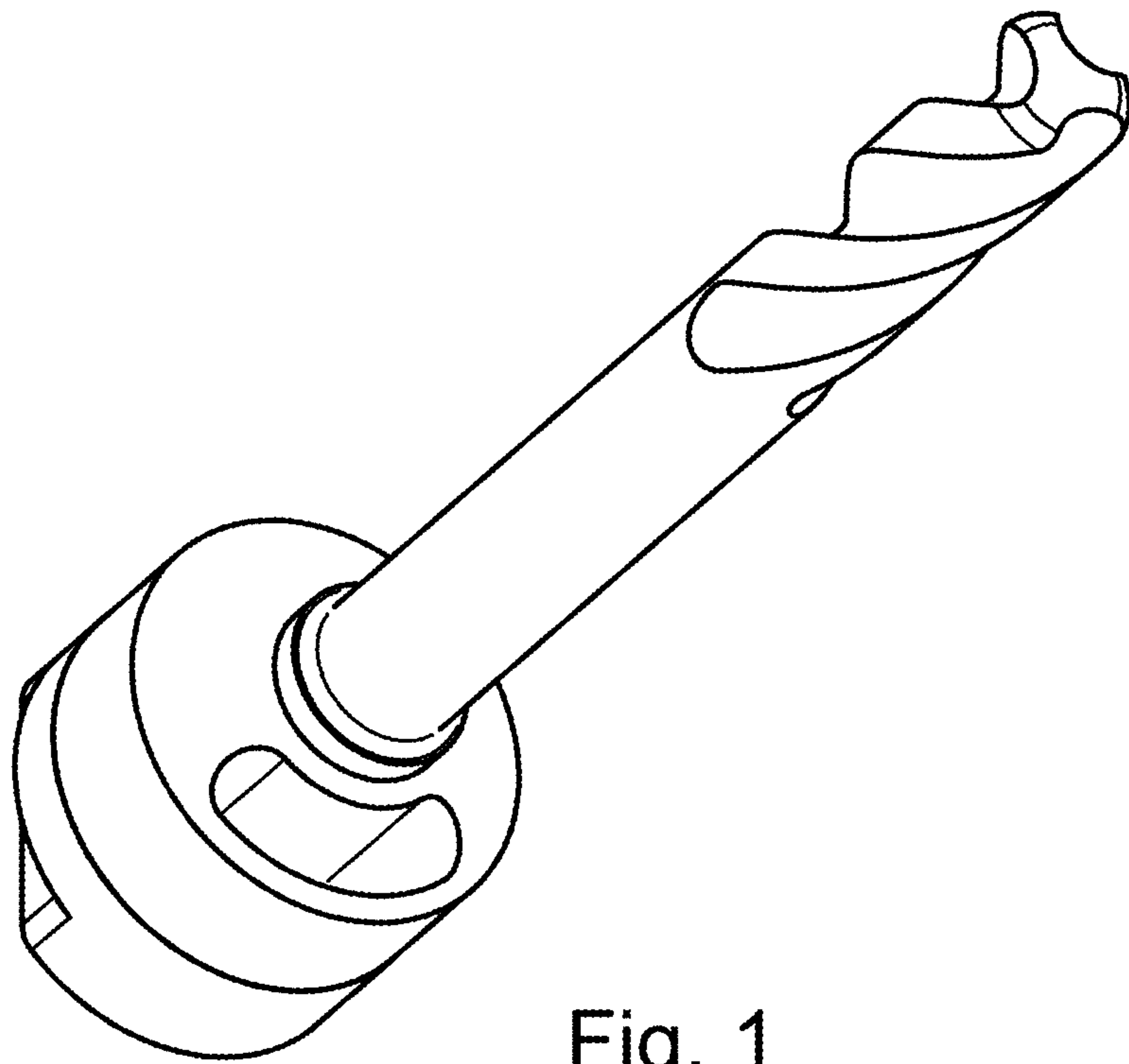


Fig. 1

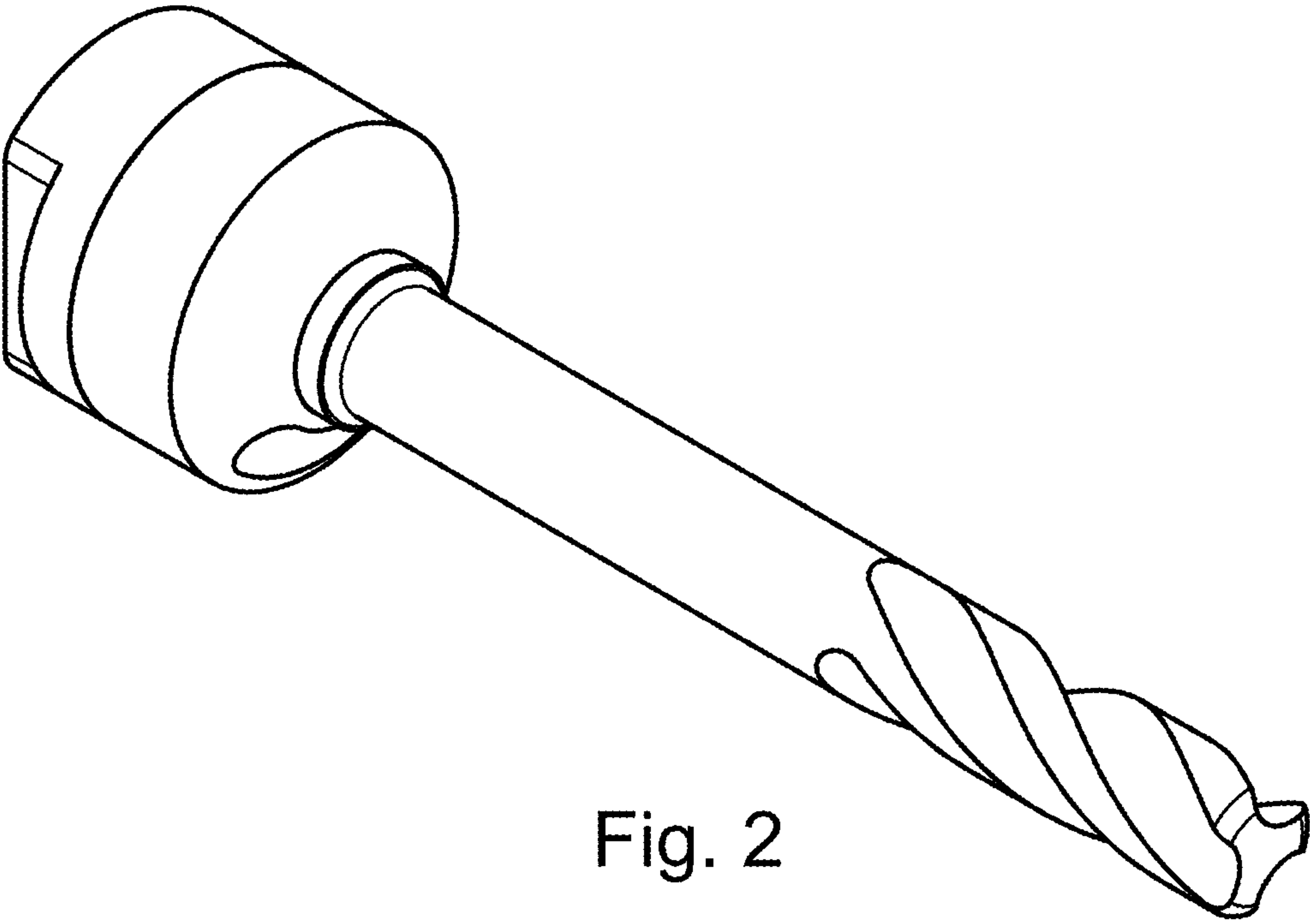


Fig. 2

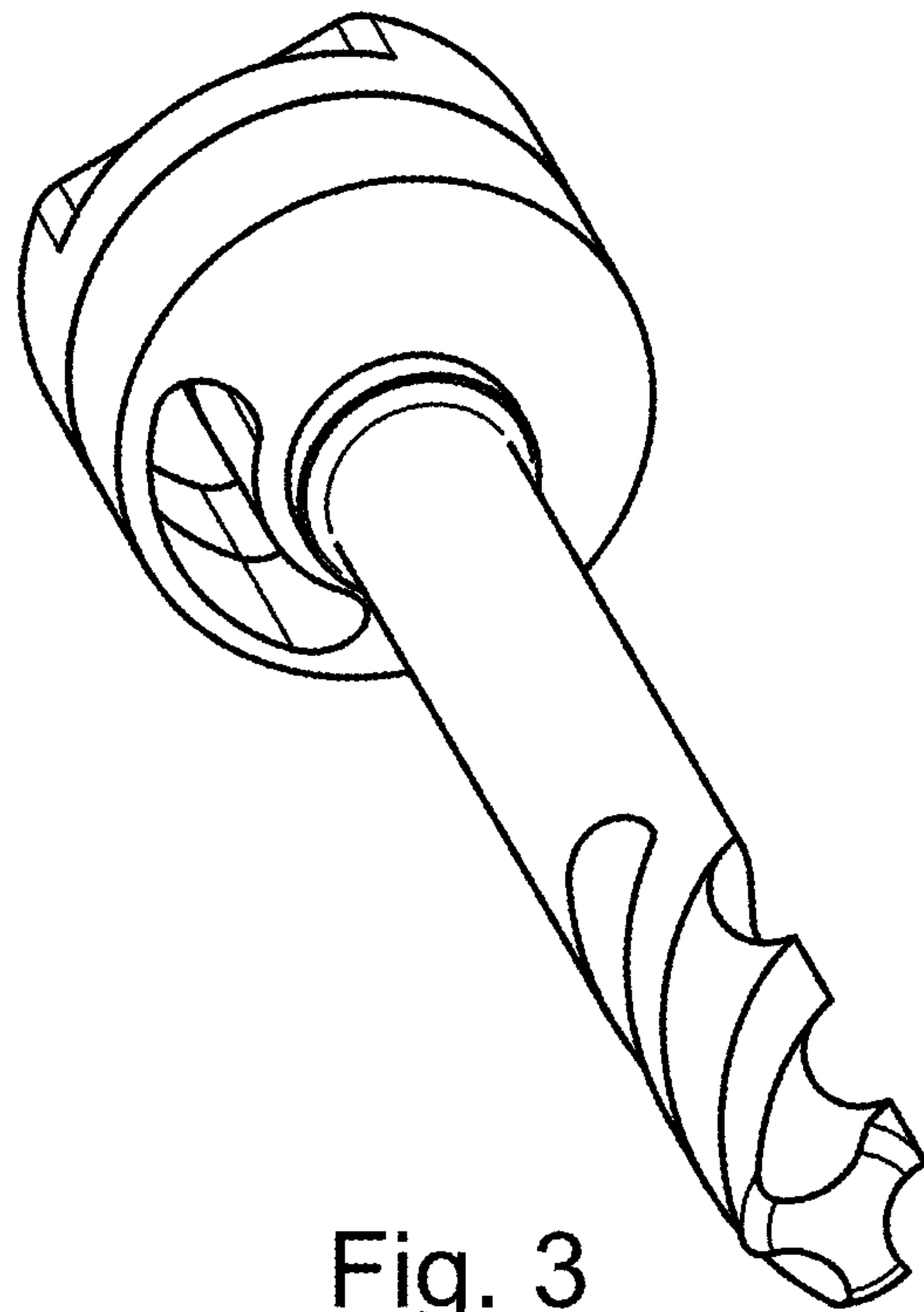


Fig. 3

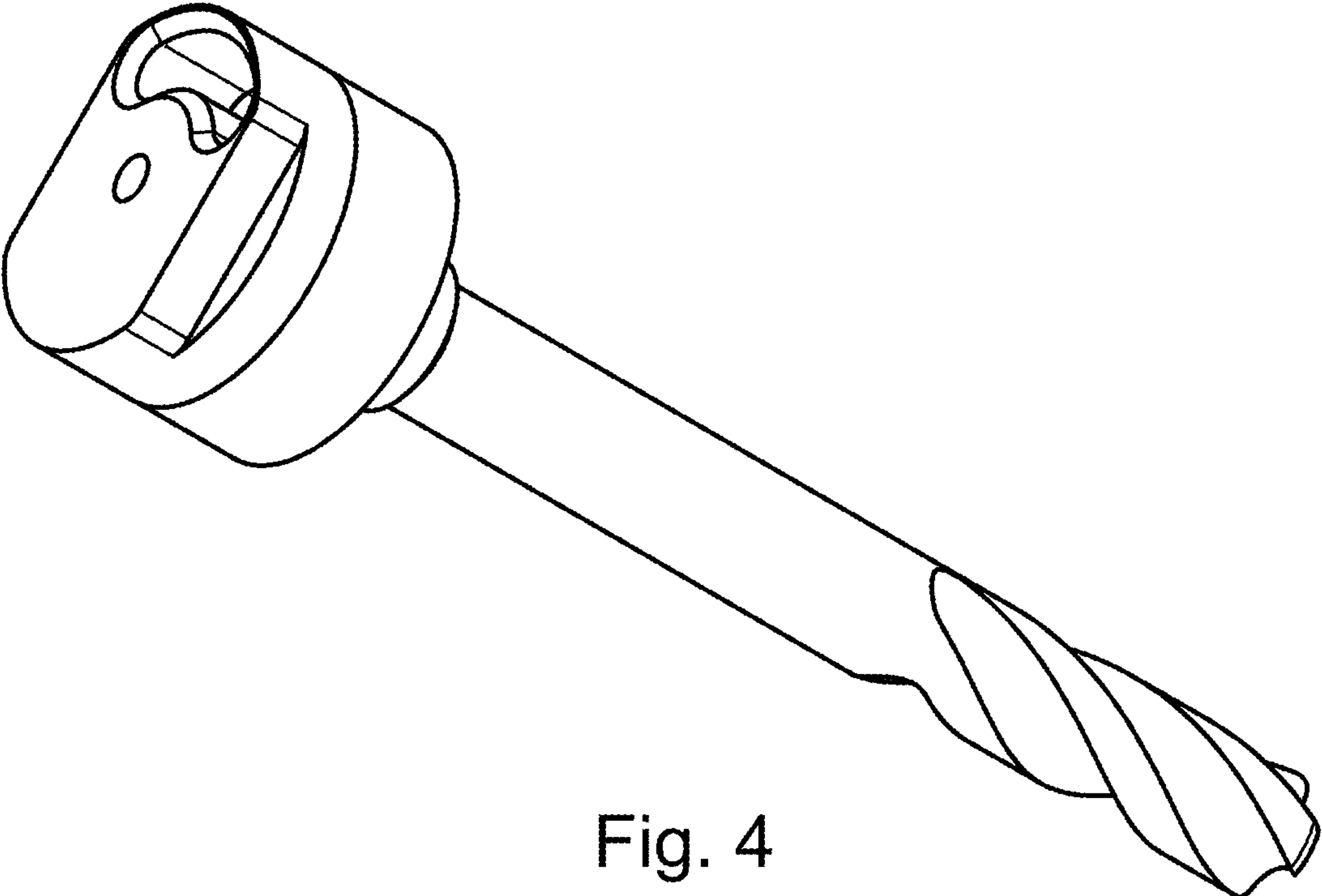


Fig. 4