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

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(54) **WATER FILTER CARTRIDGE**

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Ningbo (CN)

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

(21) Appl. No.: **29/670,835**

(22) Filed: **Nov. 20, 2018**

(51) **LOC (13) Cl.** ..... **23-01**

(52) **U.S. Cl.**  
USPC ..... **D23/209**

(58) **Field of Classification Search**  
USPC ..... D23/202, 205, 207, 259, 260, 262  
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2201/301; B01D 2201/302; B01D  
2201/306; B01D 2201/309; B01D 35/30;  
C02F 1/002; C02F 1/003

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

2,165,163	A	7/1939	Waters
2,170,010	A	8/1939	Conner
D172,354	S	6/1954	Line
4,615,812	A	10/1986	Darling
4,871,455	A	10/1989	Terhune

(Continued)

**FOREIGN PATENT DOCUMENTS**

KR 300819596 S 10/2015

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*Assistant Examiner* — Calvin E Vansant

(74) *Attorney, Agent, or Firm* — Fish IP Law, LLP

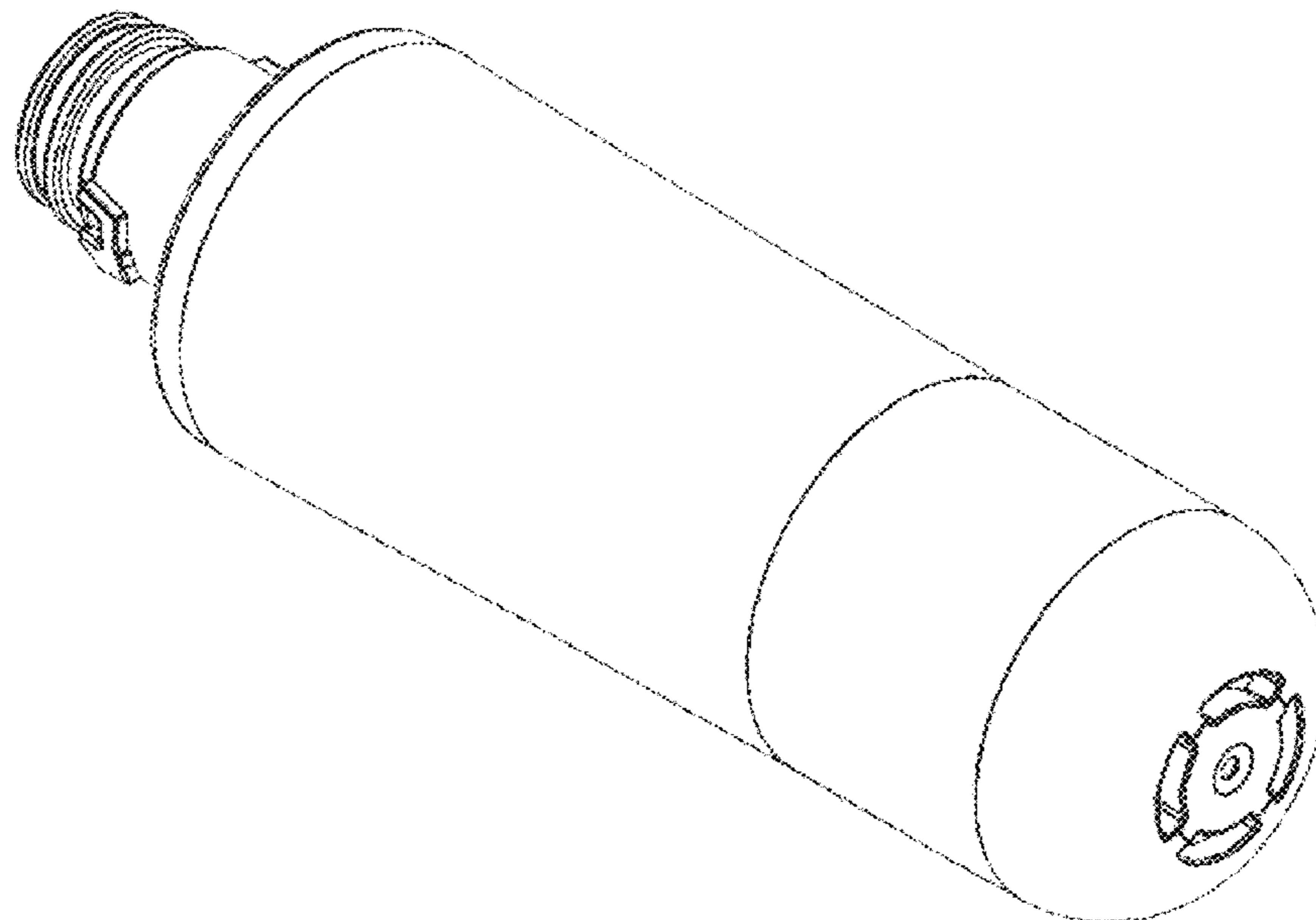
(57) **CLAIM**

The ornamental design of a water filter cartridge, as shown and described.

**DESCRIPTION**

FIG. 1 is a top, front, right side perspective view of a water filter cartridge showing my new design;  
 FIG. 2 is a depiction of the left portion of FIG. 1;  
 FIG. 3 is a depiction of the right portion of FIG. 1;  
 FIG. 4 is a front elevation view thereof;  
 FIG. 5 is a back elevation view thereof;  
 FIG. 6 is a right side elevation view thereof;  
 FIG. 7 is a left side elevation view thereof;  
 FIG. 8 is a top, back, left side perspective view thereof;  
 FIG. 9 is a depiction of the right portion of FIG. 8;  
 FIG. 10 is a top, back, right side perspective view thereof;  
 FIG. 11 is a depiction of the left portion of FIG. 10;  
 FIG. 12 is a depiction of the right portion of FIG. 10;  
 FIG. 13 is a top, front, left side perspective view thereof;  
 FIG. 14 is a depiction of the left portion of FIG. 13;  
 FIG. 15 is a bottom, back, left side perspective view thereof;  
 FIG. 16 is a depiction of the right portion of FIG. 15;  
 FIG. 17 is a bottom, back, right side perspective view thereof;  
 FIG. 18 is a depiction of the left portion of FIG. 17;  
 FIG. 19 is a depiction of the right portion of FIG. 17;  
 FIG. 20 is a bottom, front, left side perspective view thereof;  
 FIG. 21 is a depiction of the left portion of FIG. 20;  
 FIG. 22 is a bottom, front, right side perspective view thereof;  
 FIG. 23 is a depiction of the left portion of FIG. 22;  
 FIG. 24 is a depiction of the right portion of FIG. 22;  
 FIG. 25 is a bottom perspective view of the left side thereof;  
 and,  
 FIG. 26 is a top perspective view of the left side thereof.  
 The broken line showing of various features of the water filter cartridge form no part of the claimed design.

**1 Claim, 25 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D306,199 S 2/1990 Meissner  
 5,035,798 A 7/1991 Stenger  
 D365,632 S 12/1995 Blasdell et al.  
 5,486,288 A 1/1996 Stanford  
 D399,008 S 9/1998 Thomas  
 6,120,685 A 9/2000 Carlson  
 D472,299 S 2/2003 Fritze  
 D476,718 S 7/2003 Ferrer Beltran  
 7,000,782 B2 2/2006 Walton  
 D541,371 S 4/2007 McKay  
 D546,412 S 7/2007 Kennedy et al.  
 D547,821 S 7/2007 Kennedy et al.  
 D547,822 S 7/2007 Kennedy et al.  
 D547,823 S 7/2007 Kennedy et al.  
 D554,734 S 11/2007 Yamamoto  
 D629,490 S \* 12/2010 Riedel ..... D23/209  
 8,177,976 B2 5/2012 Formica  
 8,354,024 B2 1/2013 Ihle  
 D679,779 S 4/2013 Reid  
 8,916,044 B2 12/2014 Rapin  
 D722,362 S 2/2015 Kluss et al.  
 9,005,435 B2 4/2015 Takeda  
 9,067,154 B1 6/2015 Branscomb  
 D738,460 S 9/2015 Cook  
 D748,226 S 1/2016 Aoki et al.  
 D750,739 S 3/2016 Baird

D753,788 S 4/2016 Huda et al.  
 D758,526 S \* 6/2016 Quail ..... D23/205  
 D758,555 S \* 6/2016 Van Dyke ..... D23/262  
 D760,868 S 7/2016 Lu  
 D761,382 S 7/2016 Curtis et al.  
 D761,383 S 7/2016 Curtis et al.  
 D762,812 S 8/2016 Branscomb et al.  
 D764,021 S 8/2016 Lu  
 D764,626 S 8/2016 Lu  
 D765,220 S 8/2016 Boudreau et al.  
 D768,813 S 10/2016 Dong et al.  
 D768,814 S 10/2016 Dong et al.  
 D773,607 S 12/2016 Lu  
 D775,712 S 1/2017 Kim et al.  
 D776,237 S 1/2017 Dong et al.  
 D780,887 S 3/2017 Huda et al.  
 D788,880 S 6/2017 Zou  
 D807,988 S 1/2018 An et al.  
 D820,947 S 6/2018 An et al.  
 D820,948 S \* 6/2018 An ..... D23/209  
 D831,786 S \* 10/2018 Zou ..... D23/209  
 D835,752 S \* 12/2018 Spiegel ..... D23/209  
 D854,122 S \* 7/2019 An ..... D23/209  
 D856,473 S \* 8/2019 Zou ..... D23/209  
 D857,158 S \* 8/2019 Zou ..... D23/209  
 D858,693 S \* 9/2019 Zou ..... D23/209  
 D858,694 S \* 9/2019 Zou ..... D23/209  
 D865,119 S \* 10/2019 An ..... D23/209

\* cited by examiner

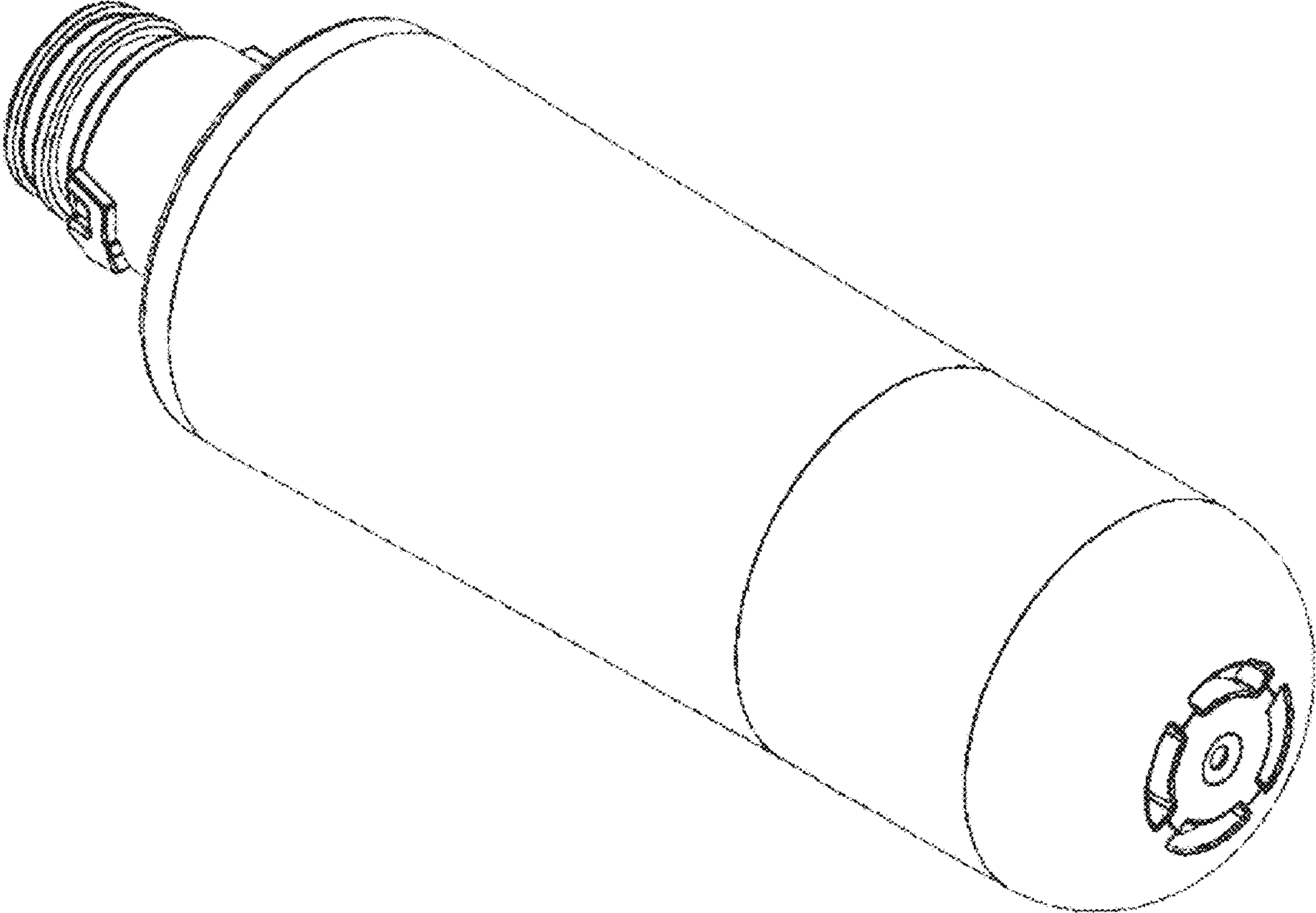


Figure 1

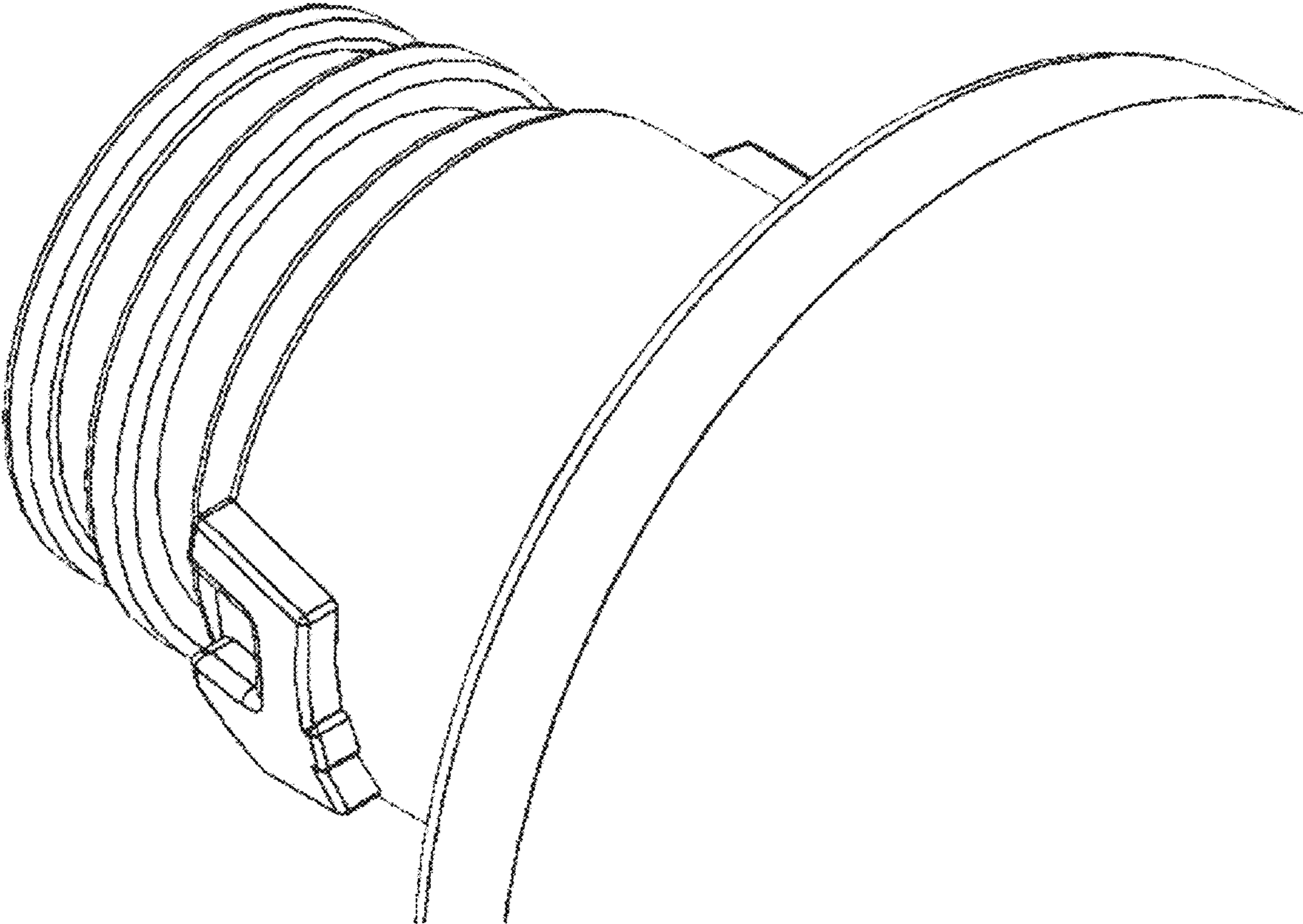


Figure 2

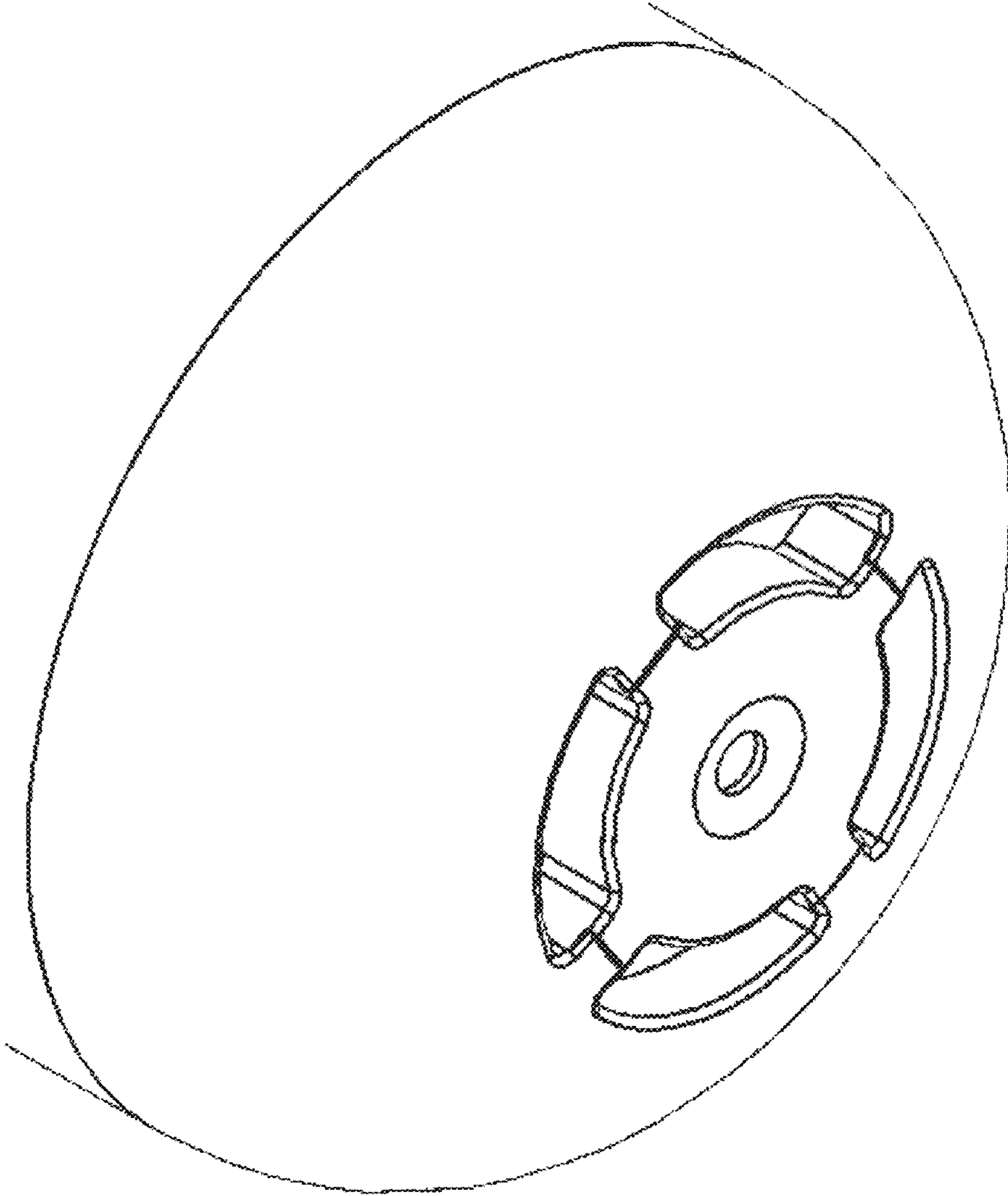


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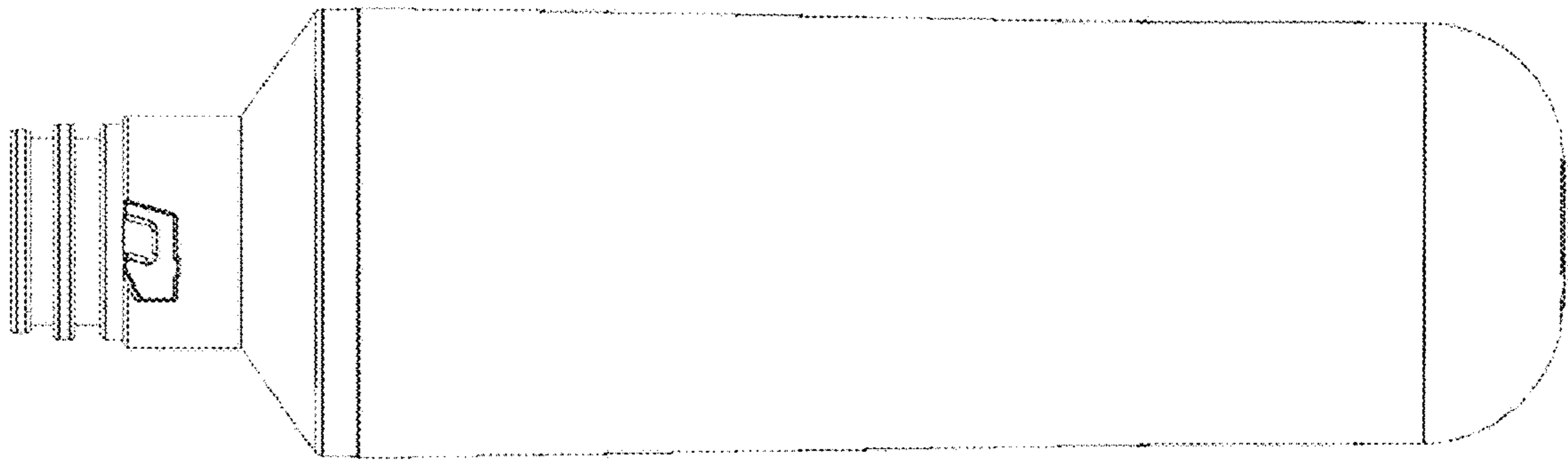


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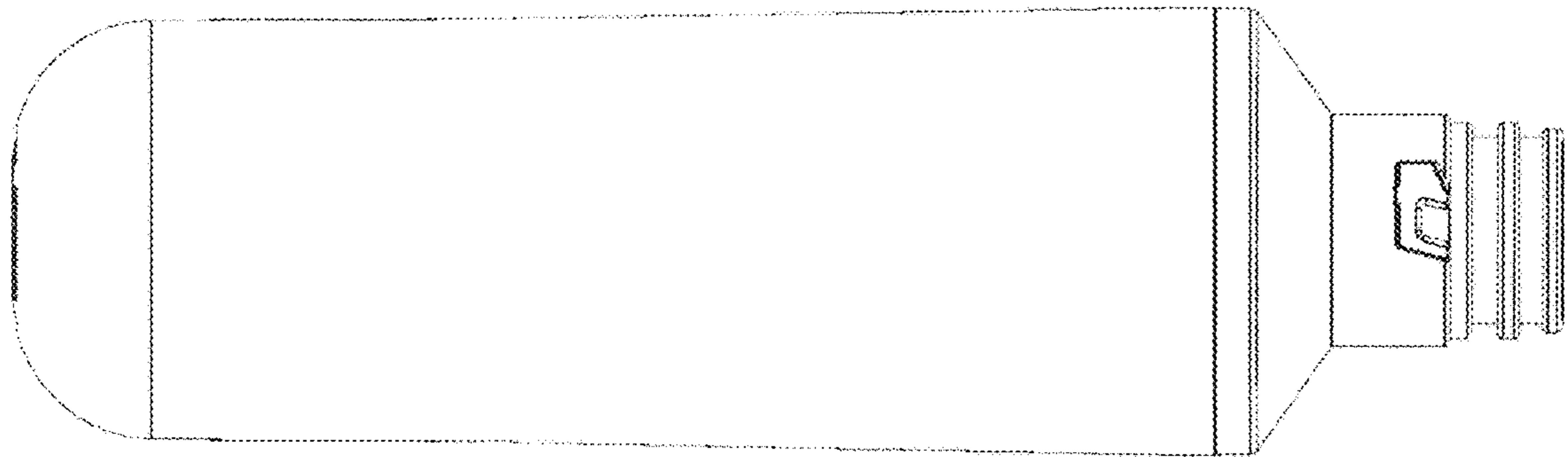


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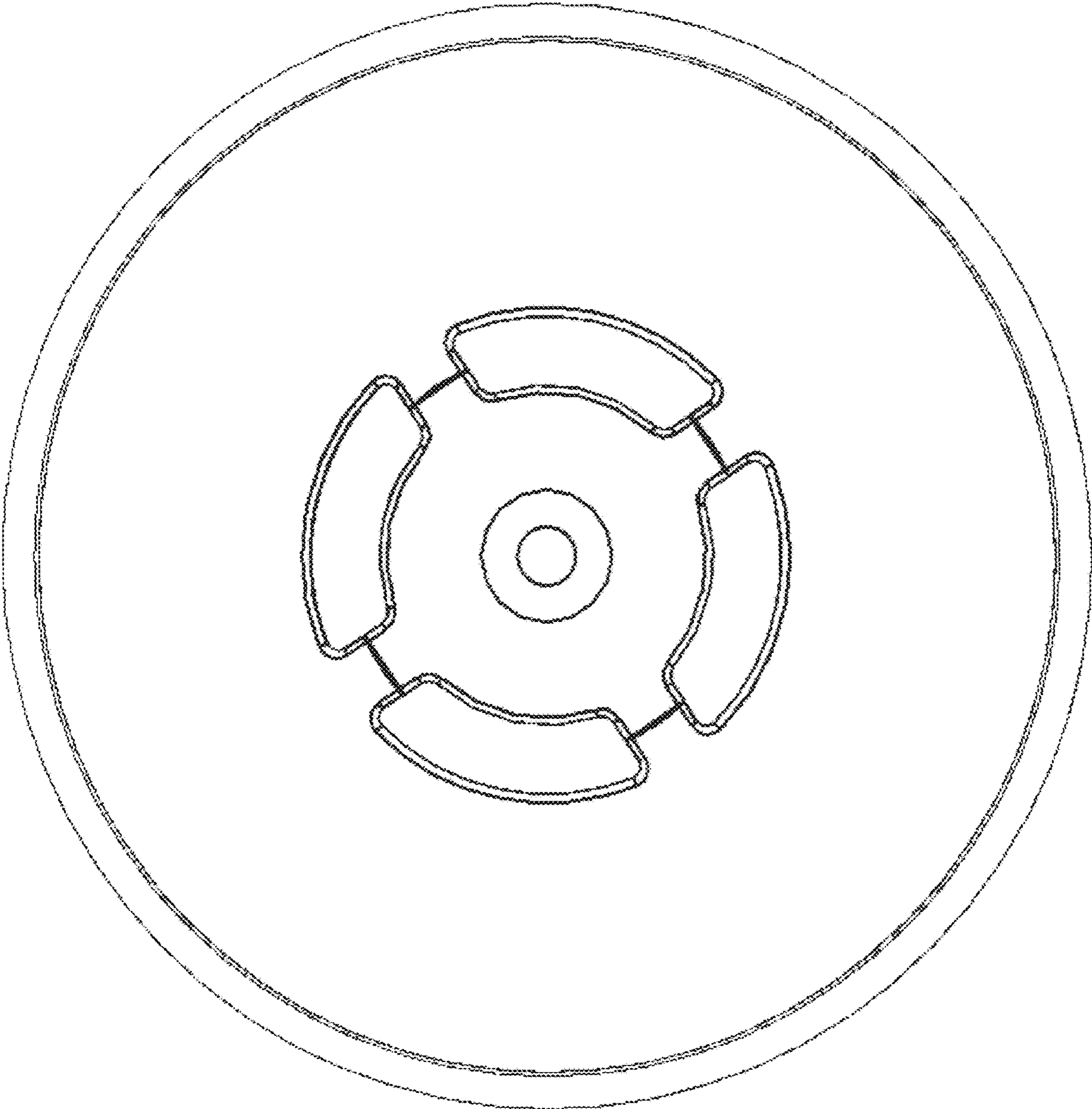


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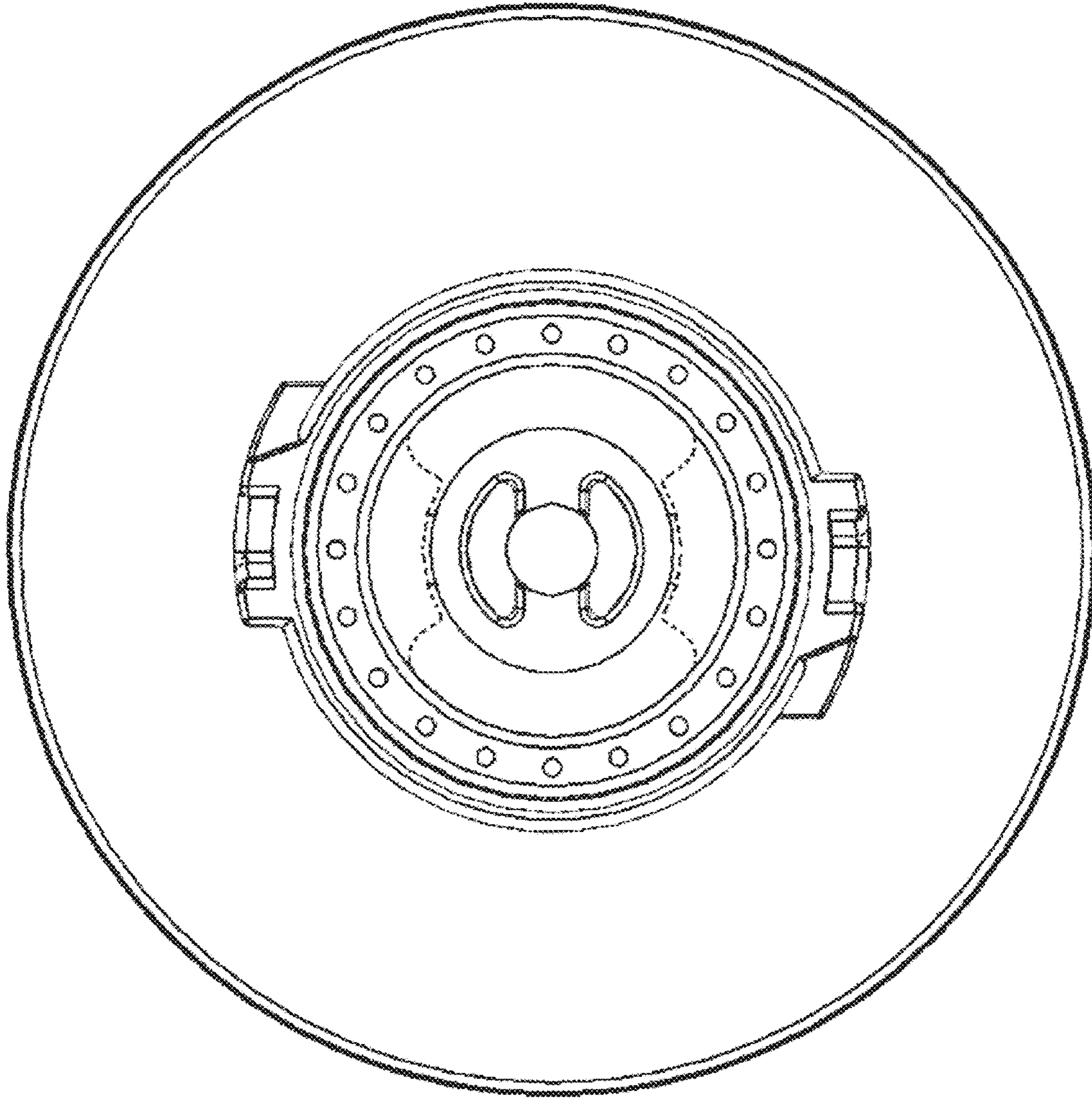


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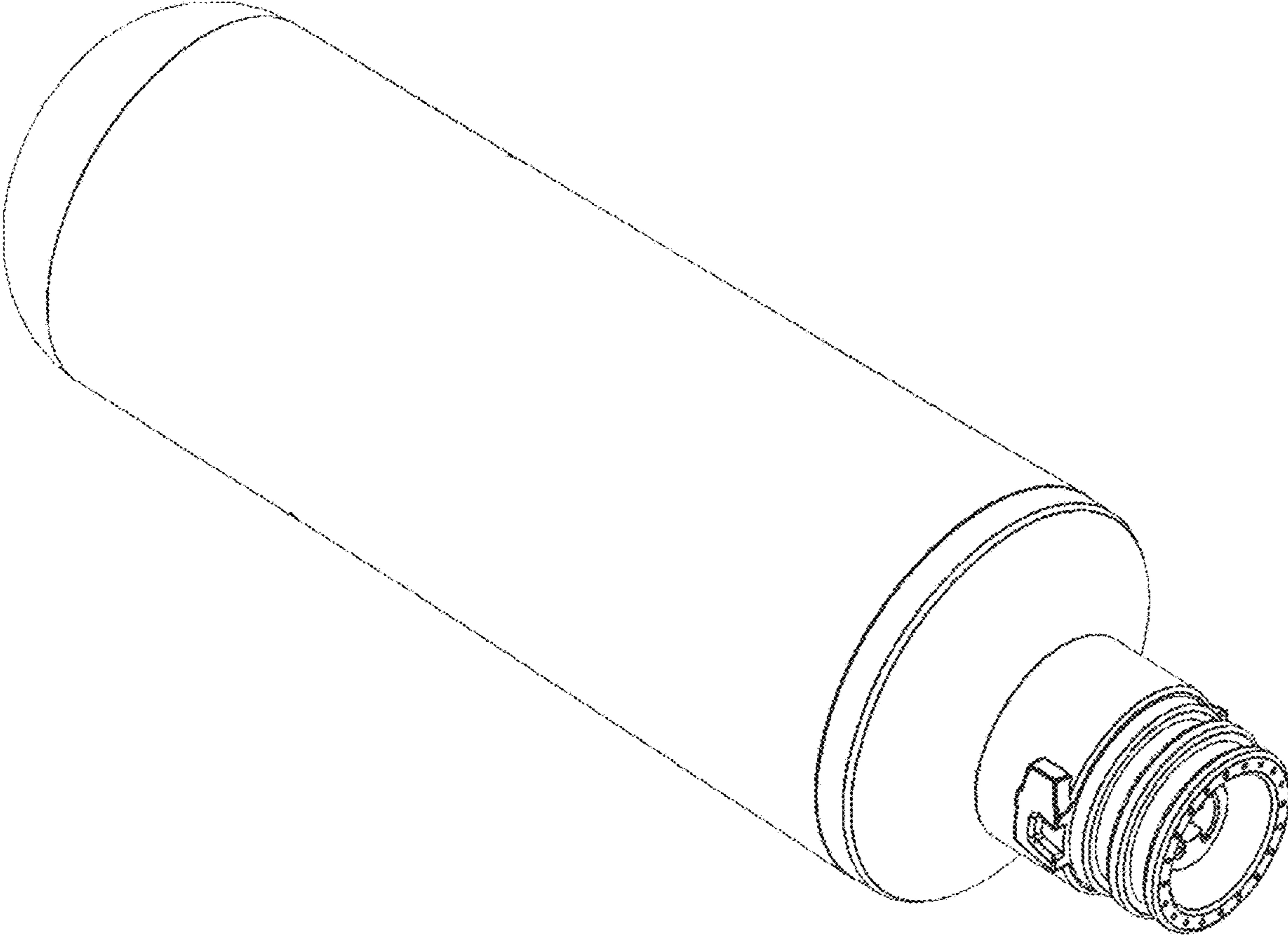


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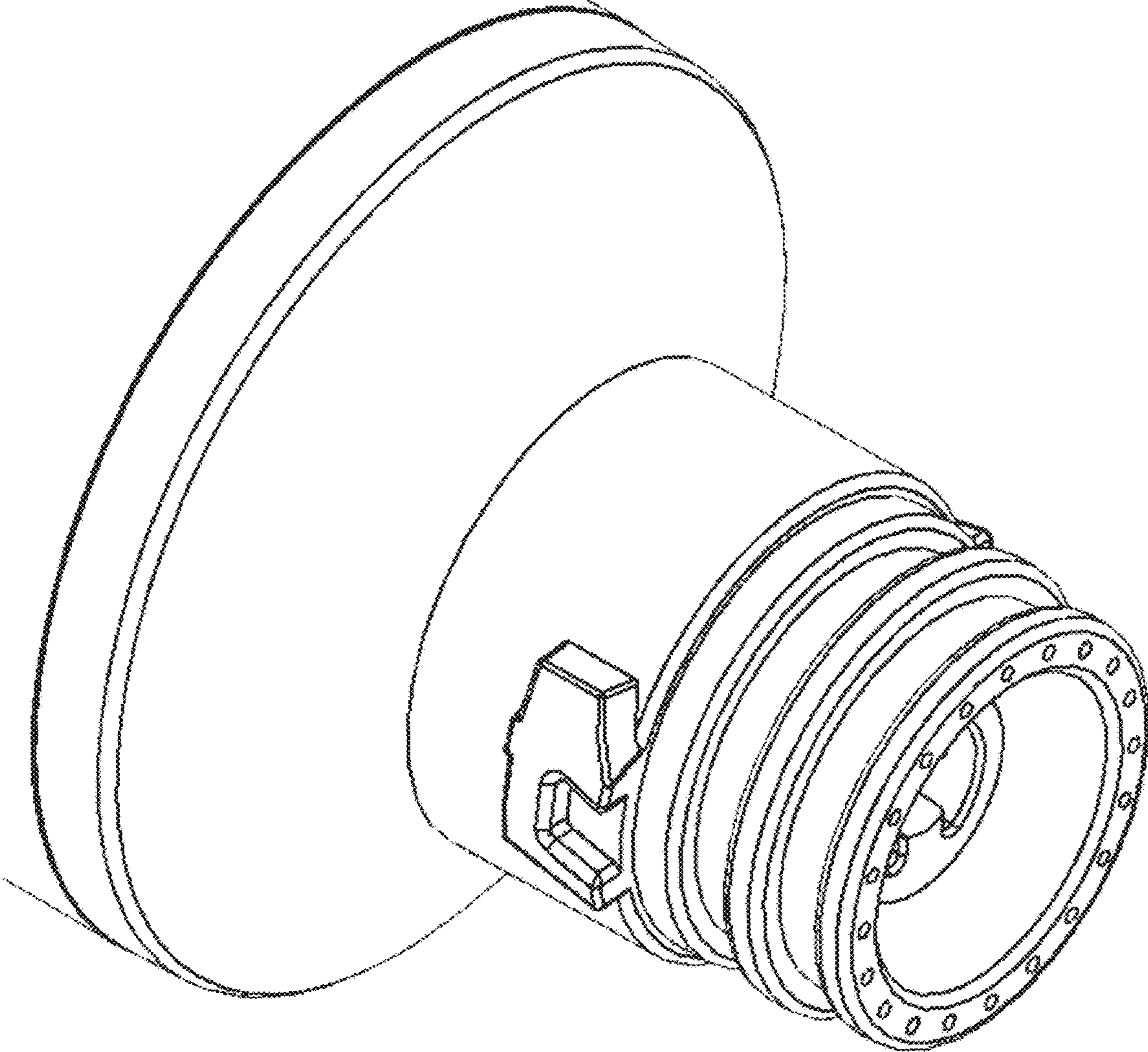


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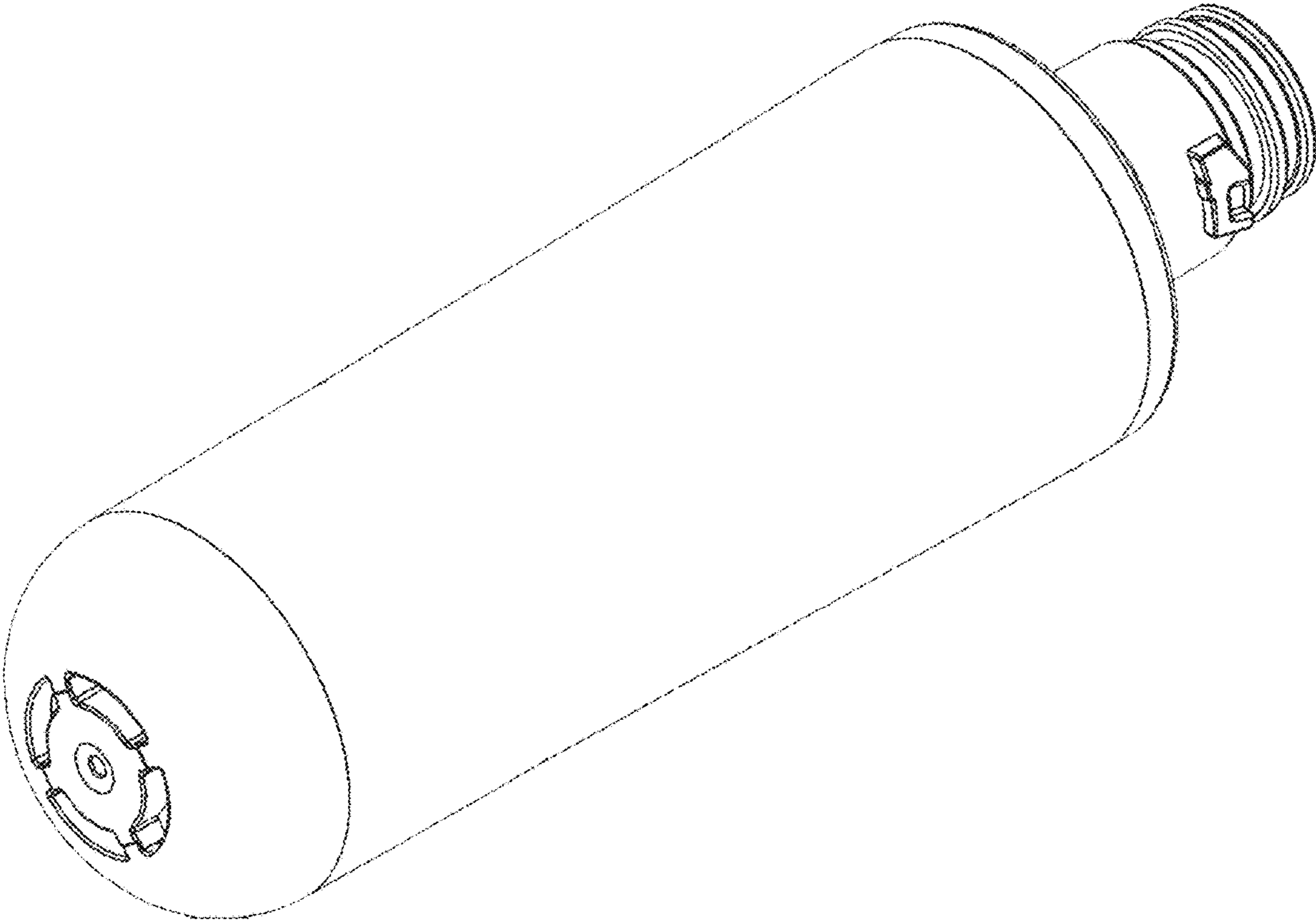


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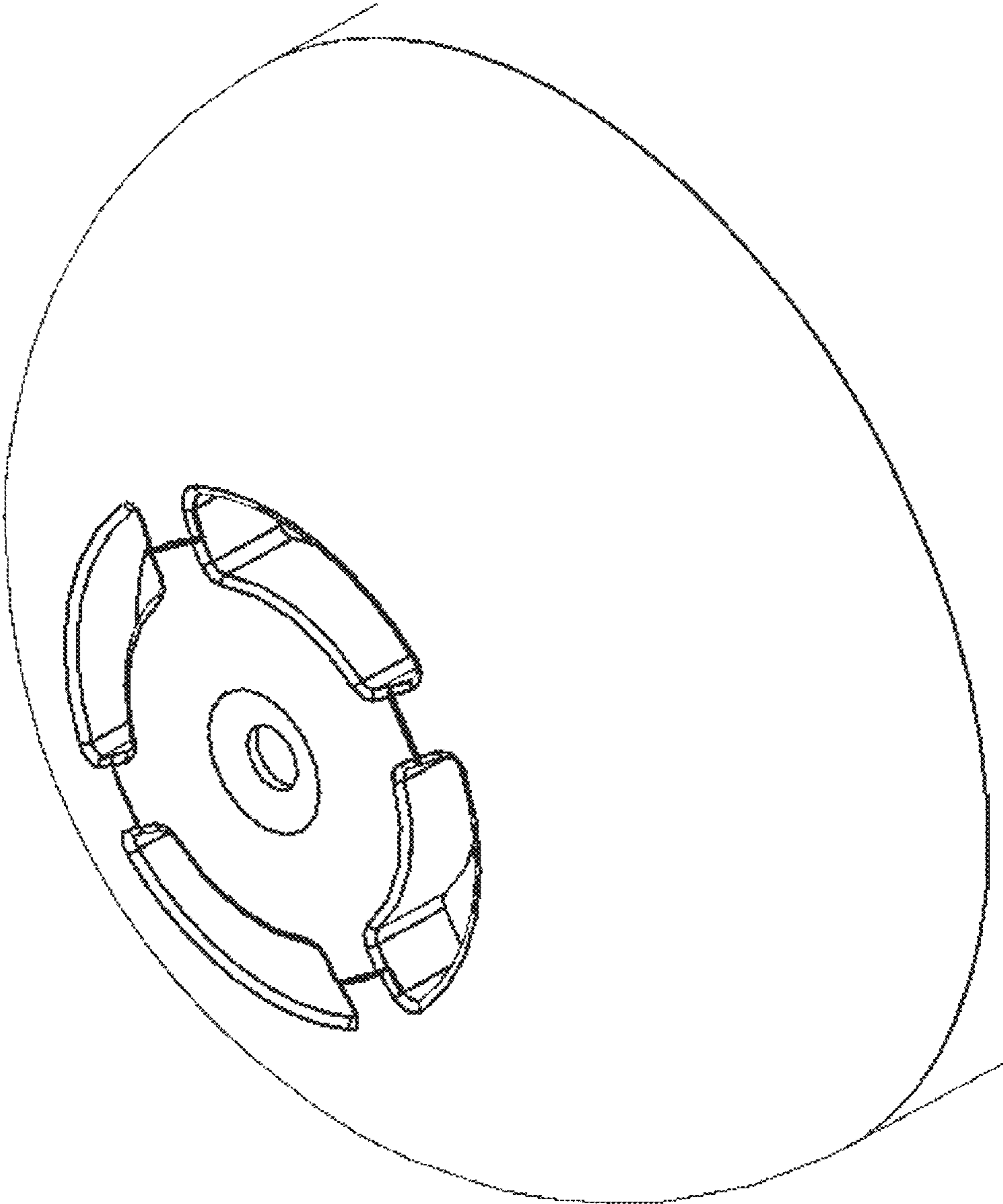


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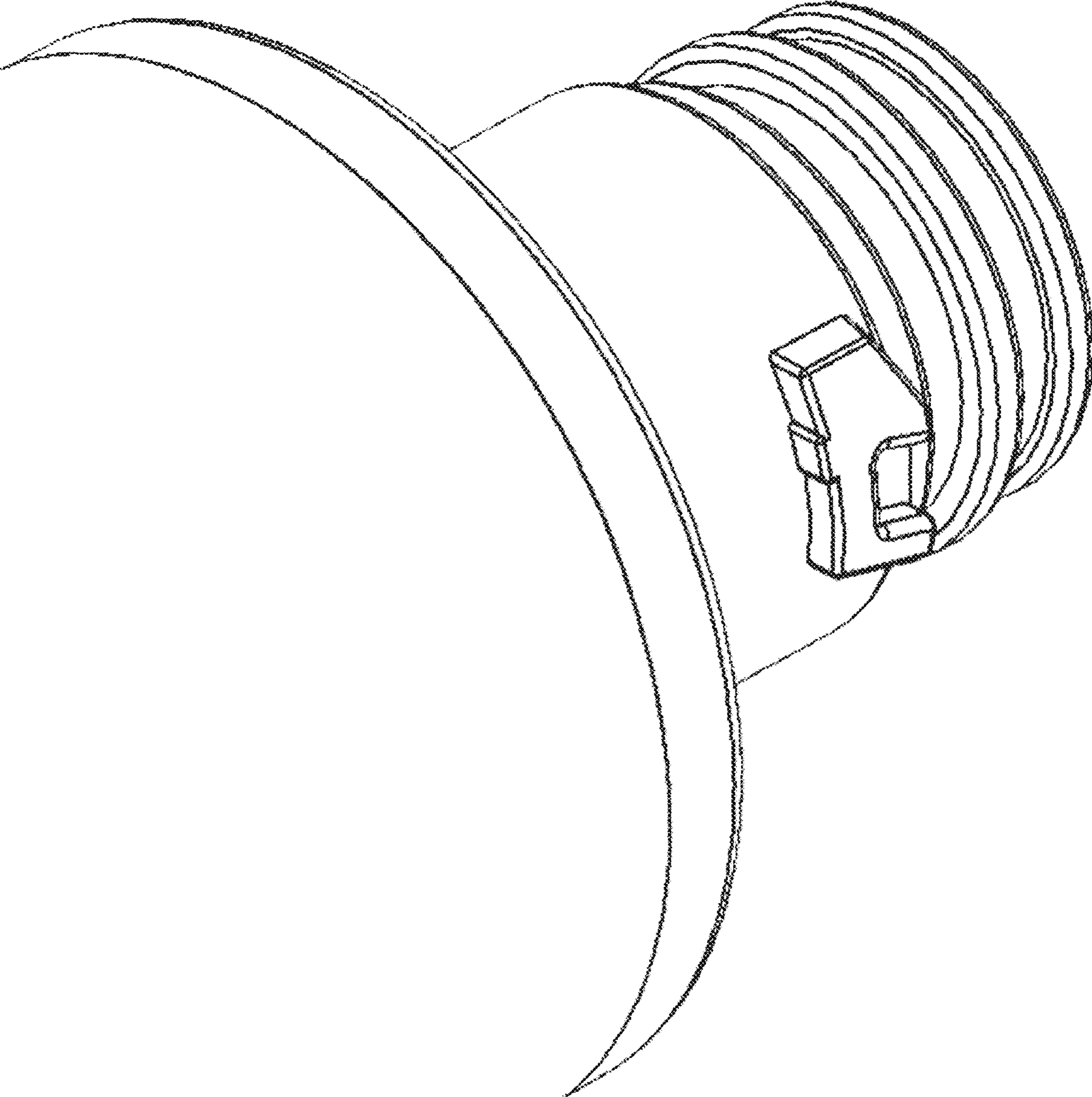


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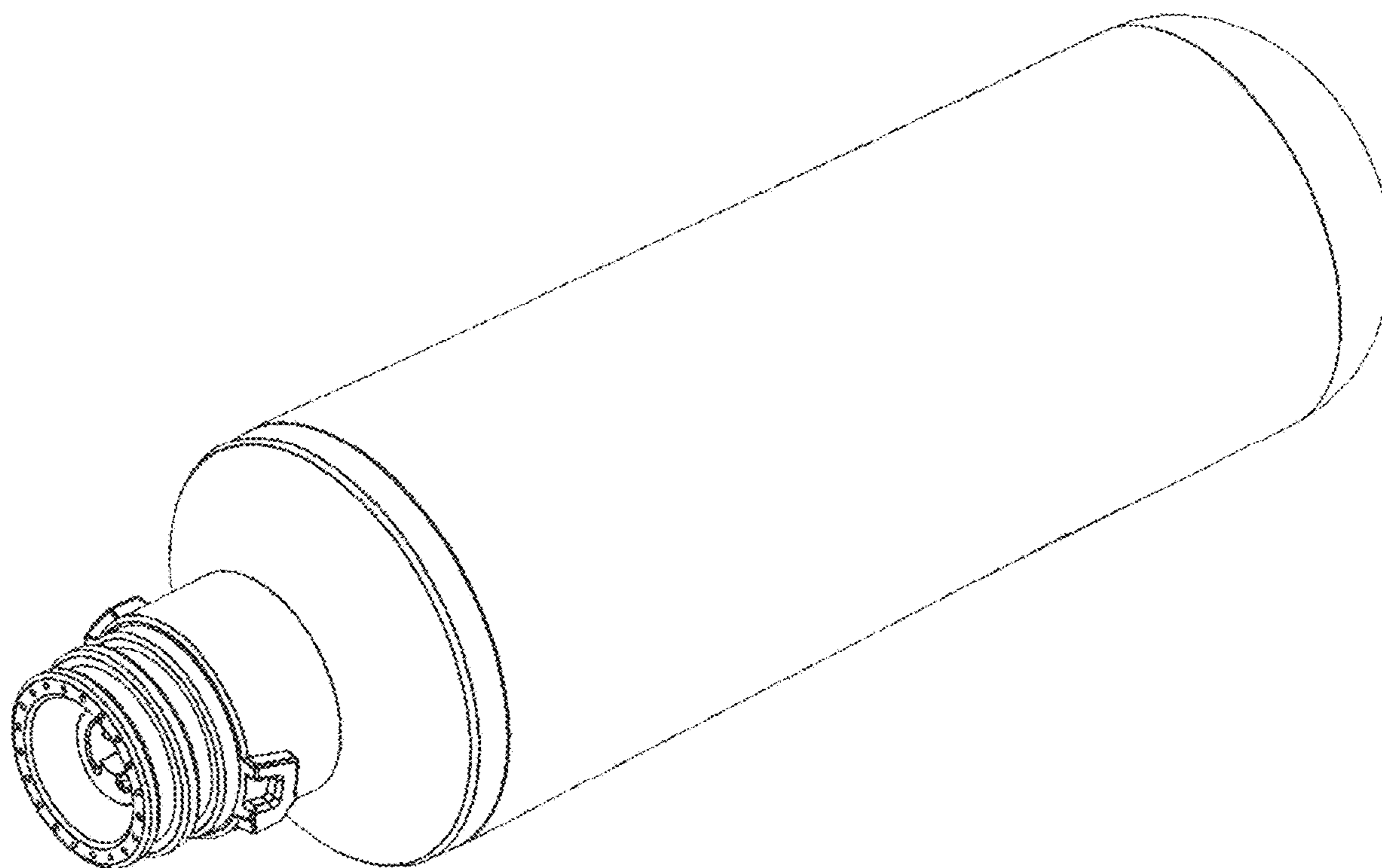


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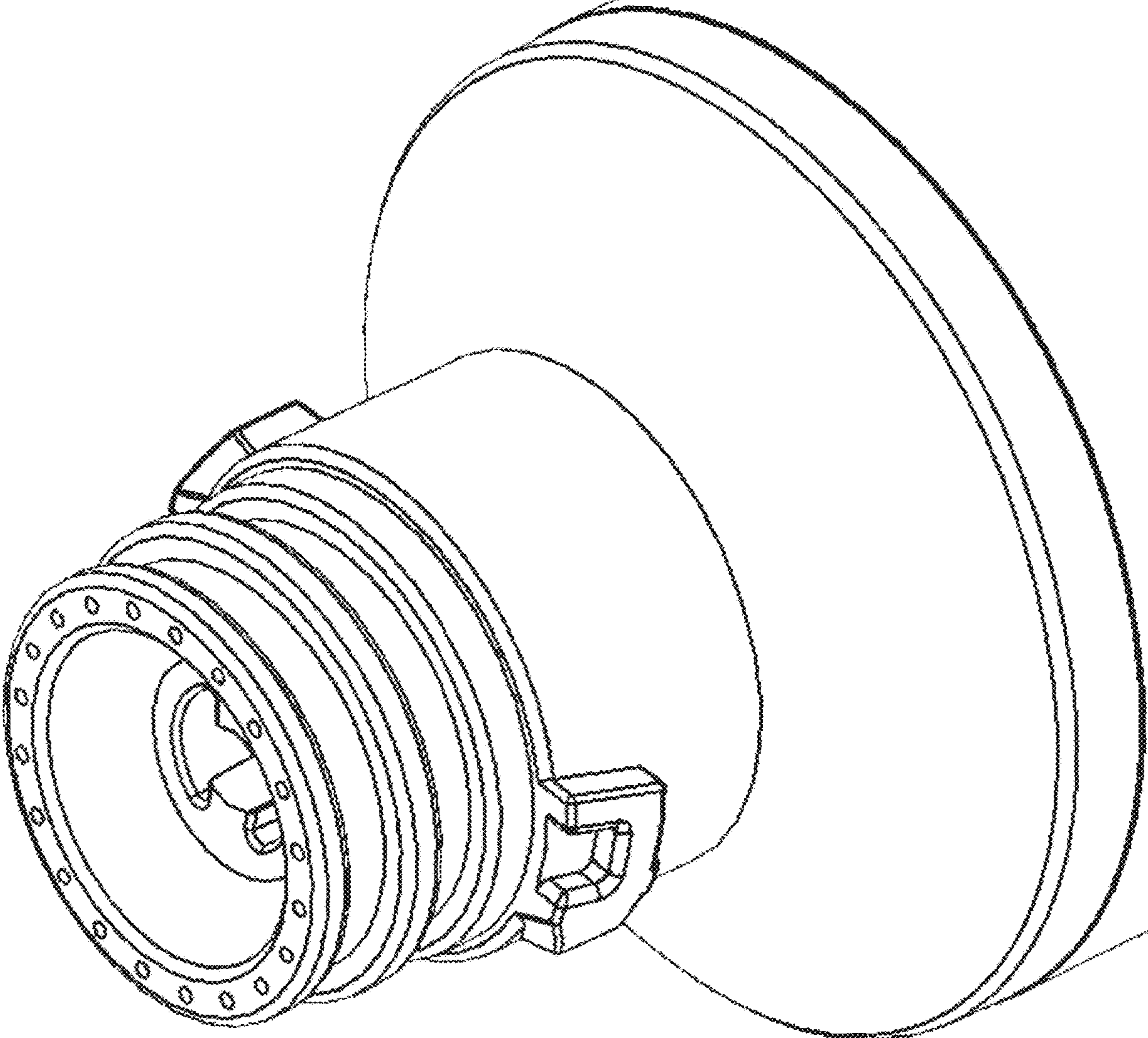


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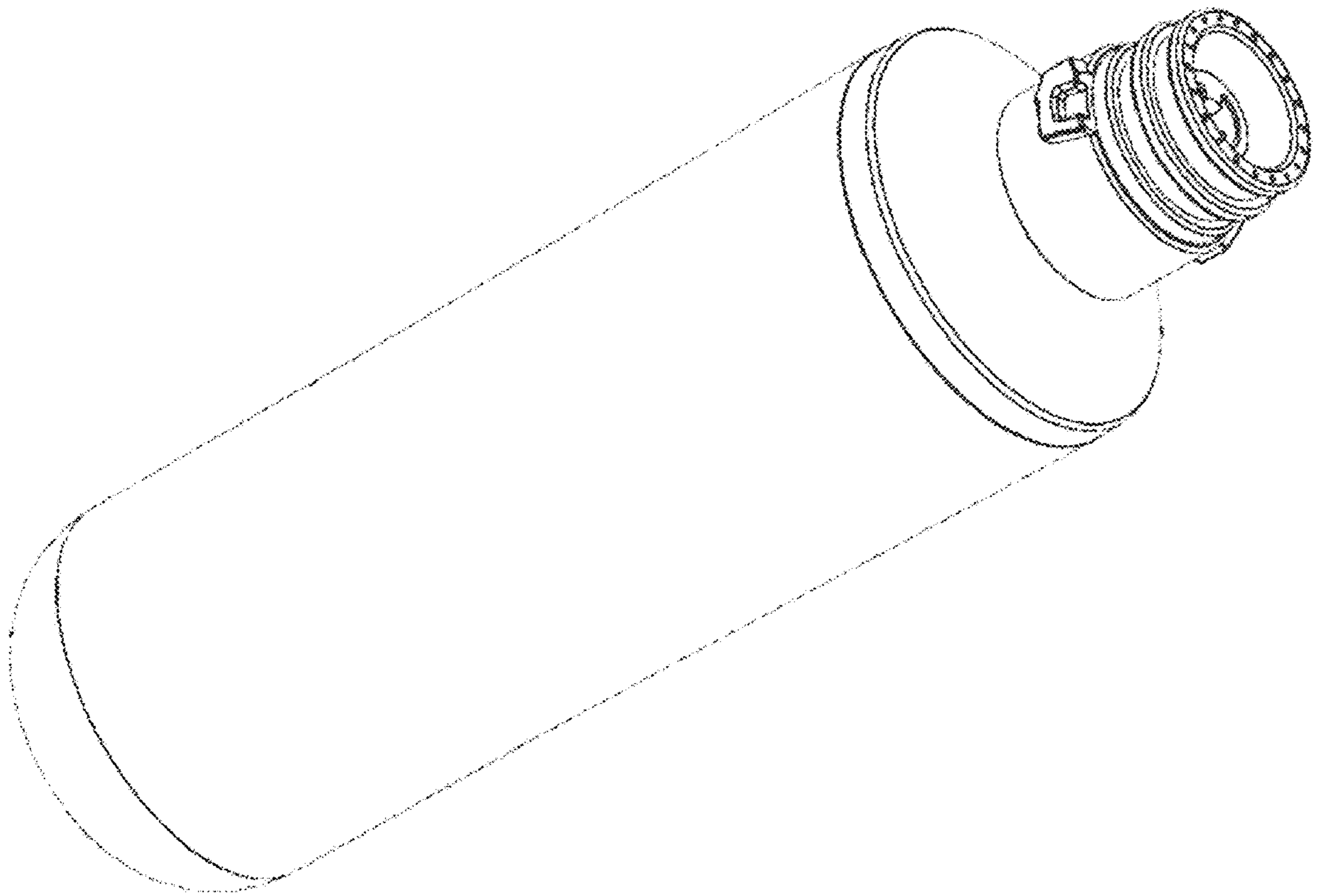


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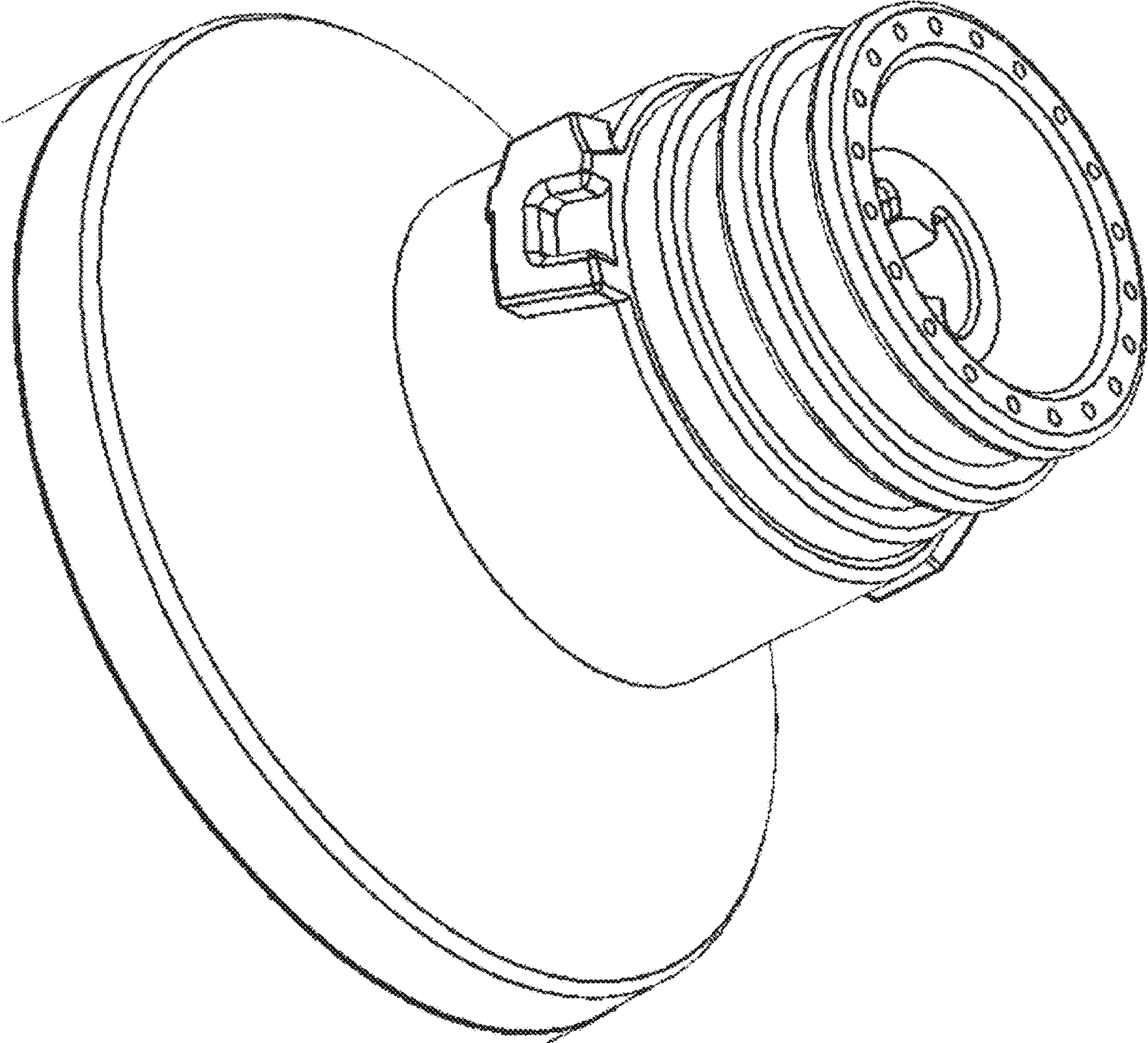


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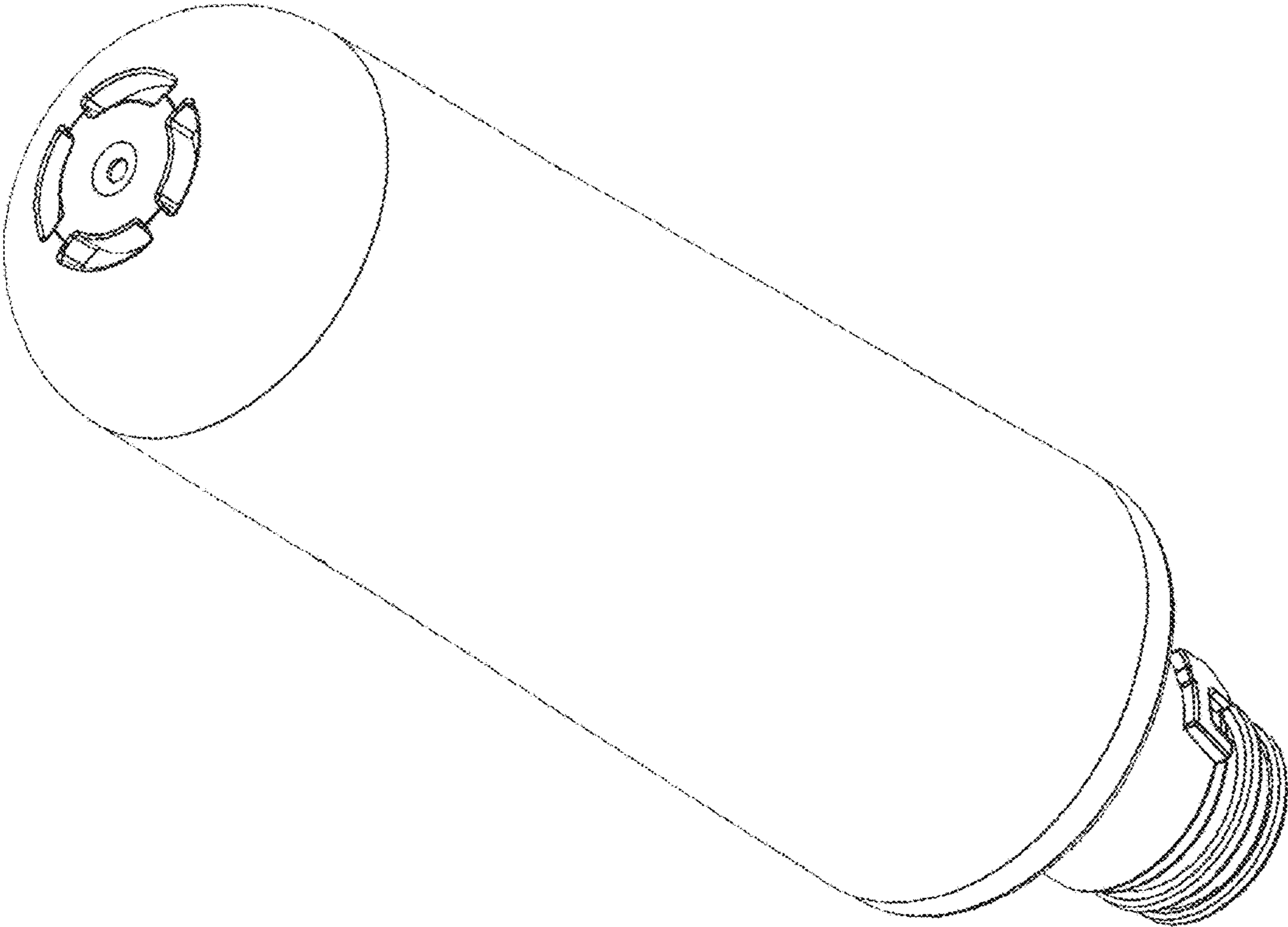


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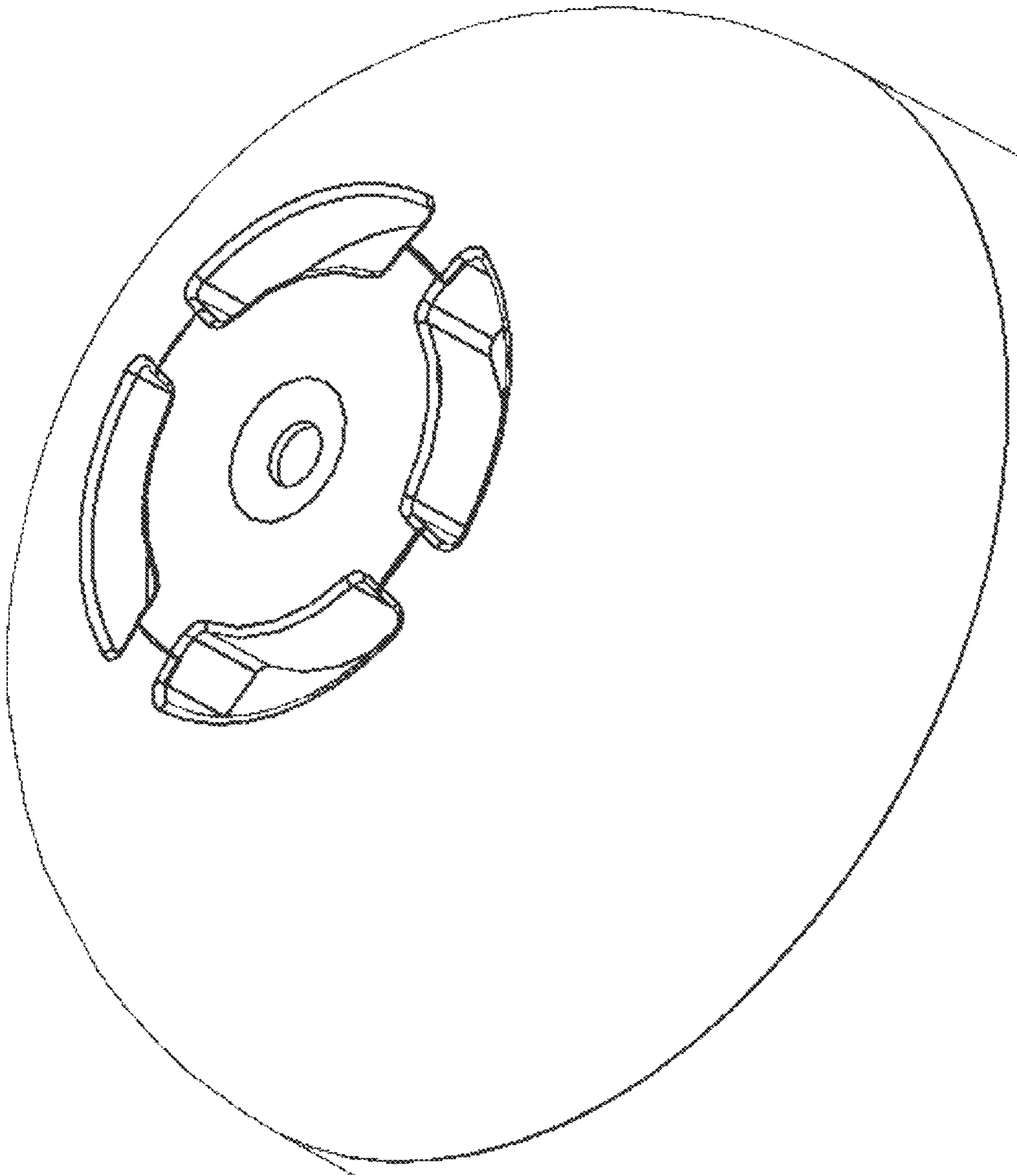


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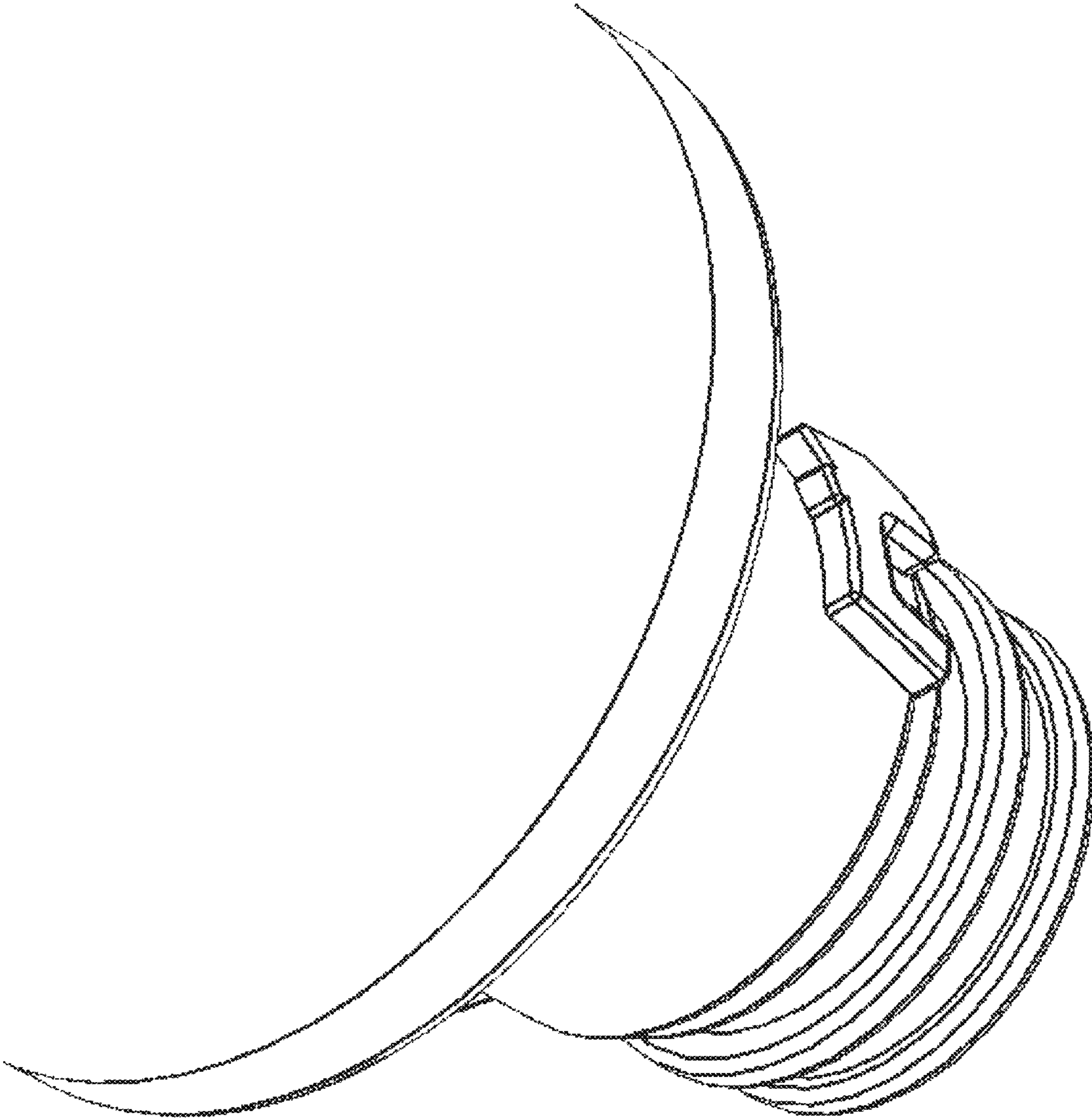


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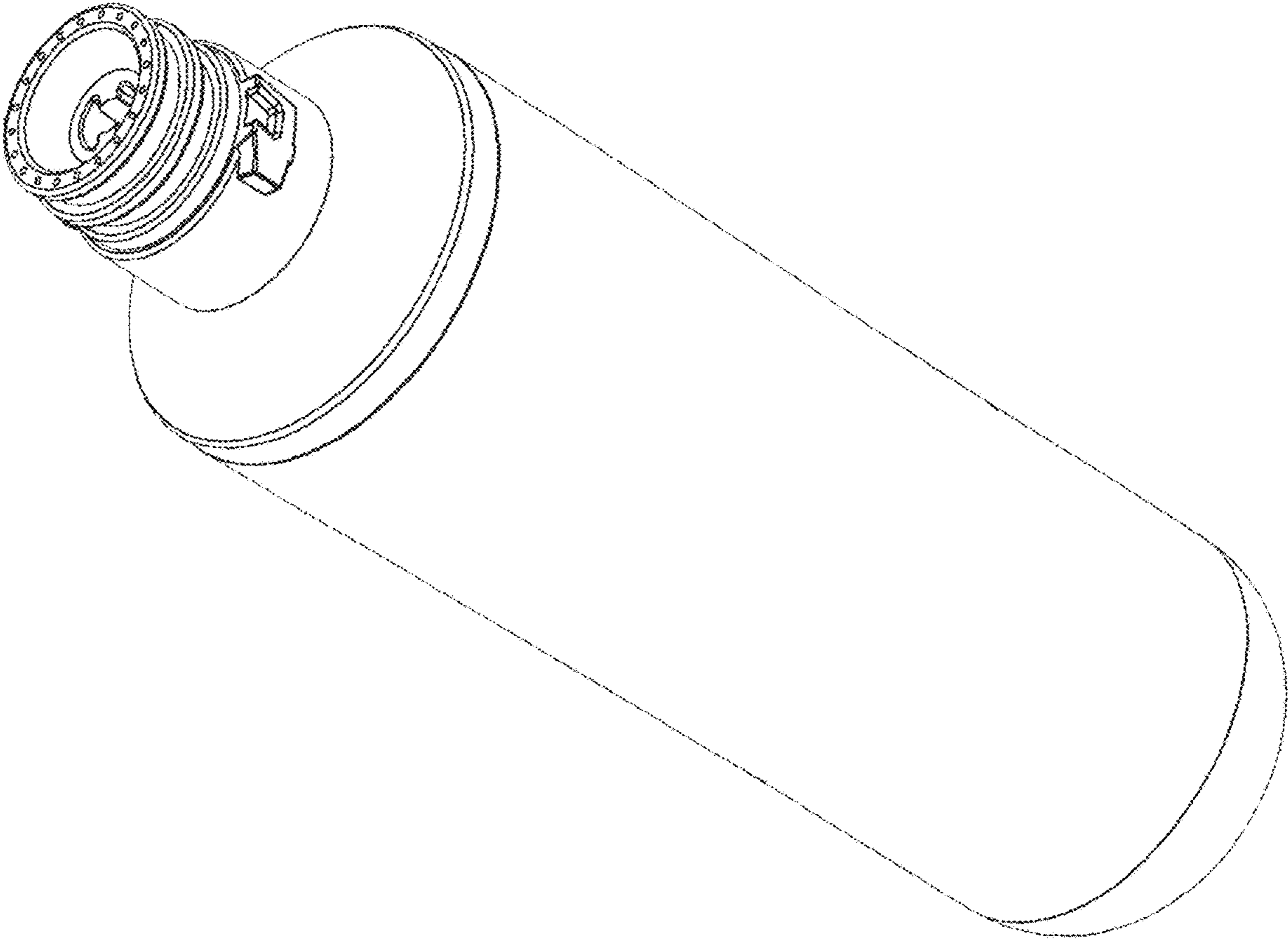


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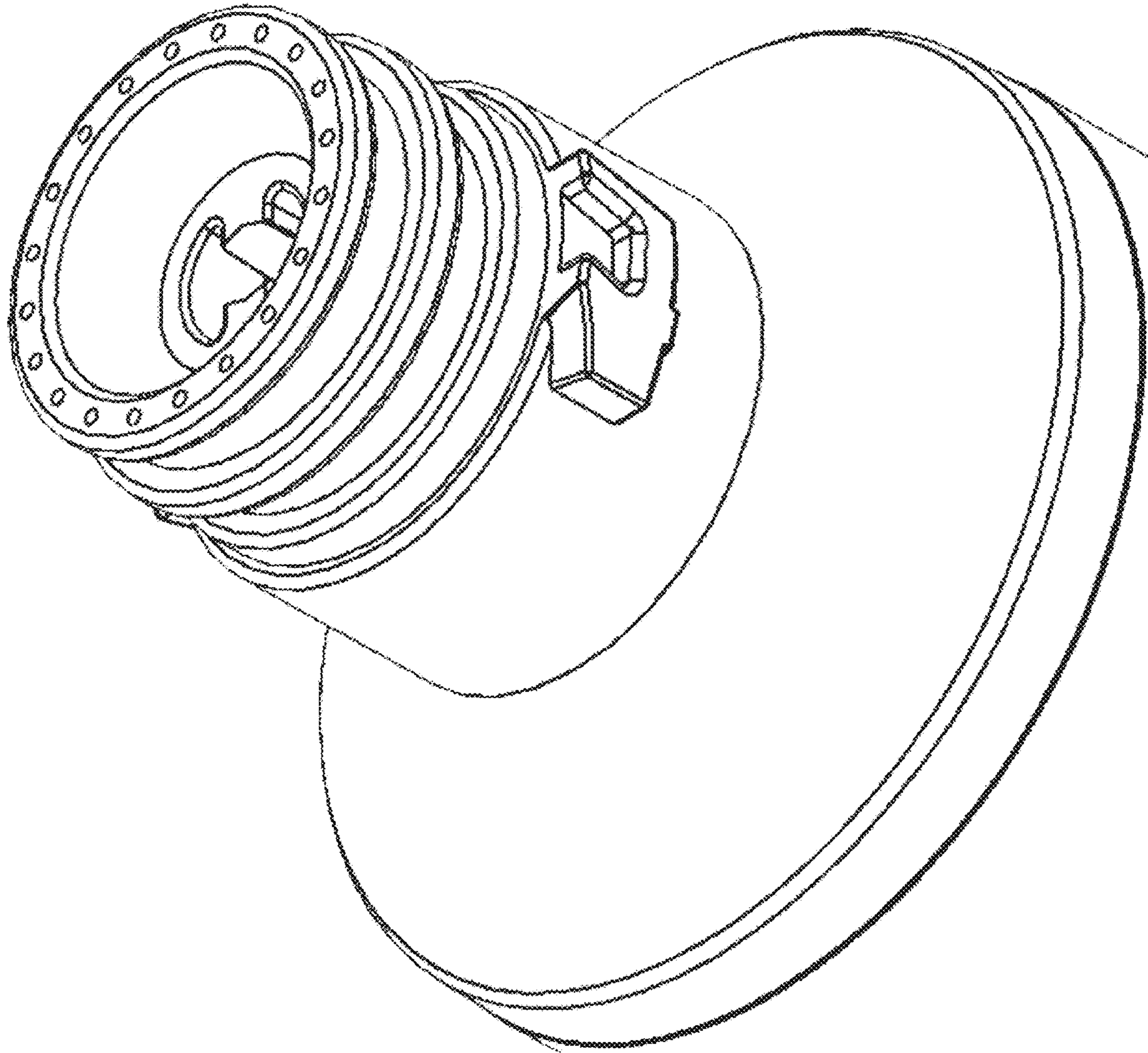


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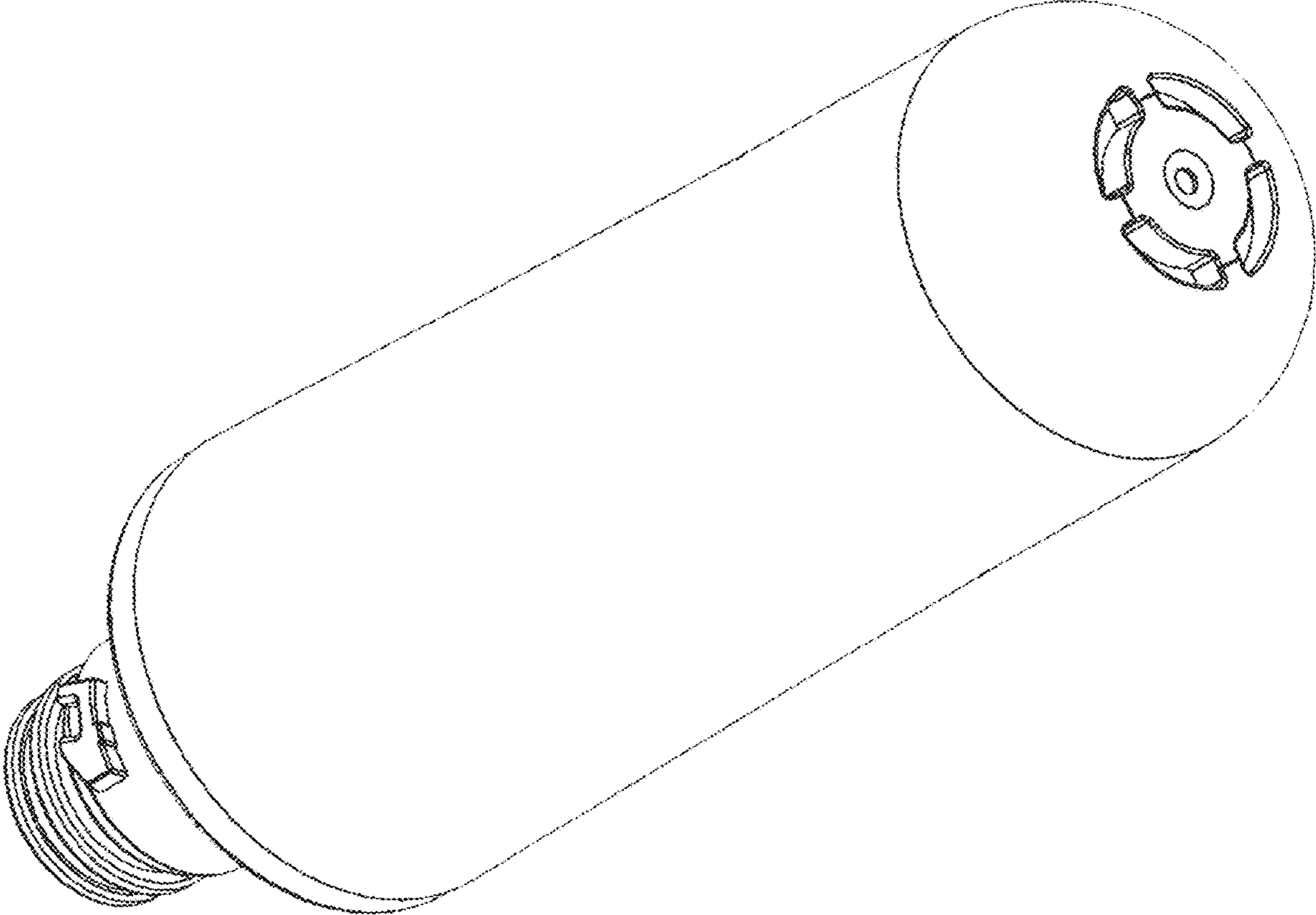


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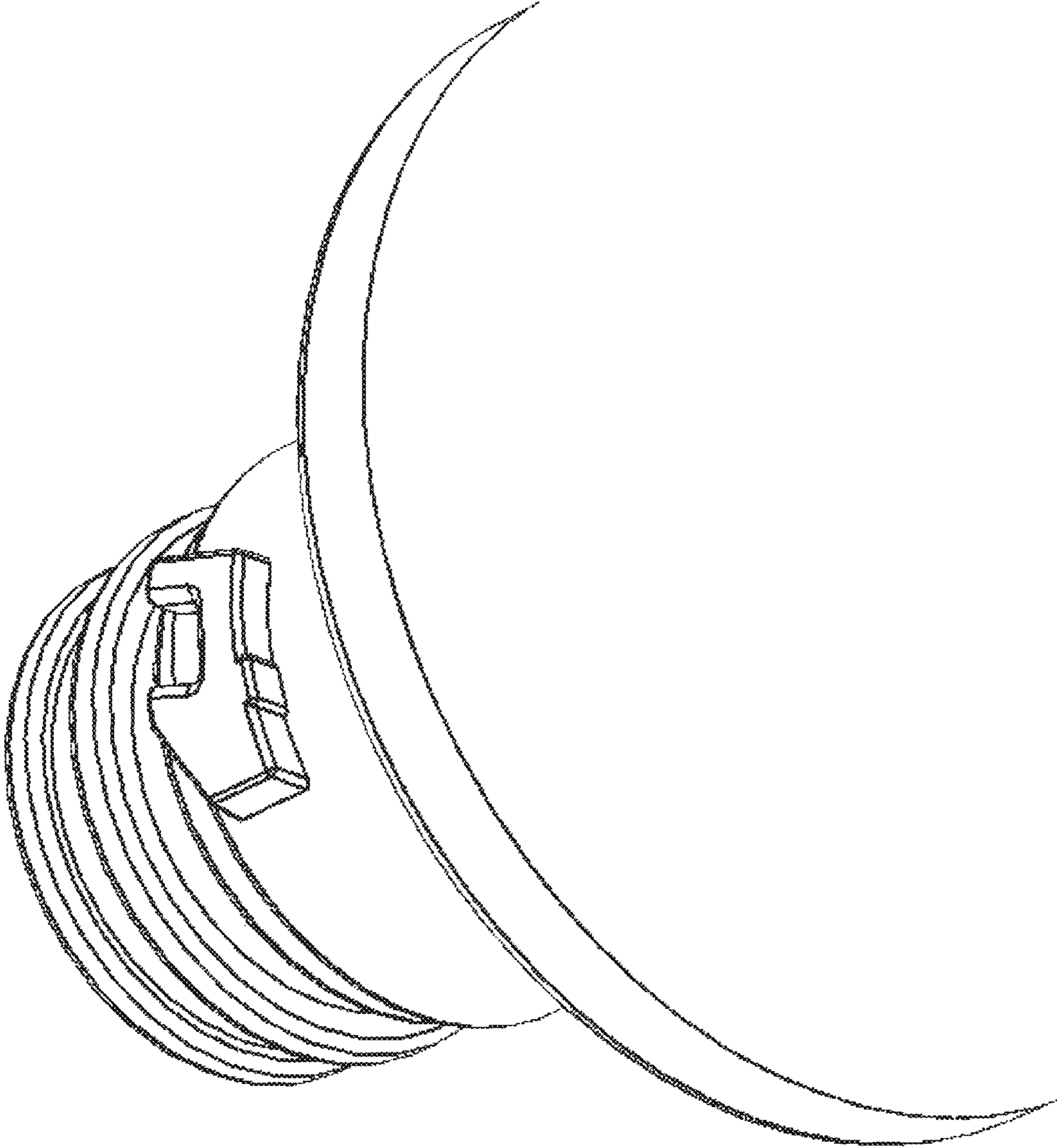


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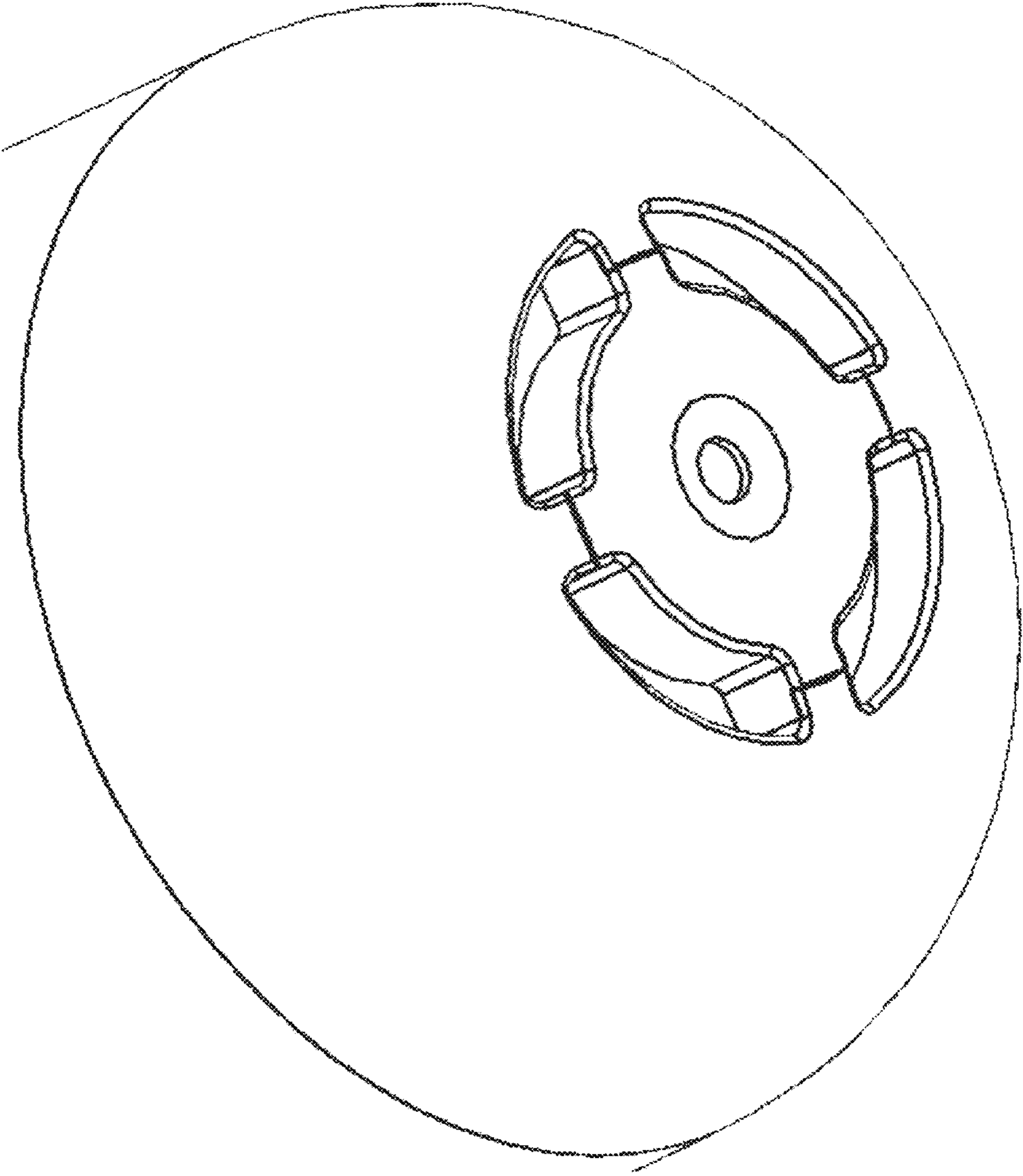


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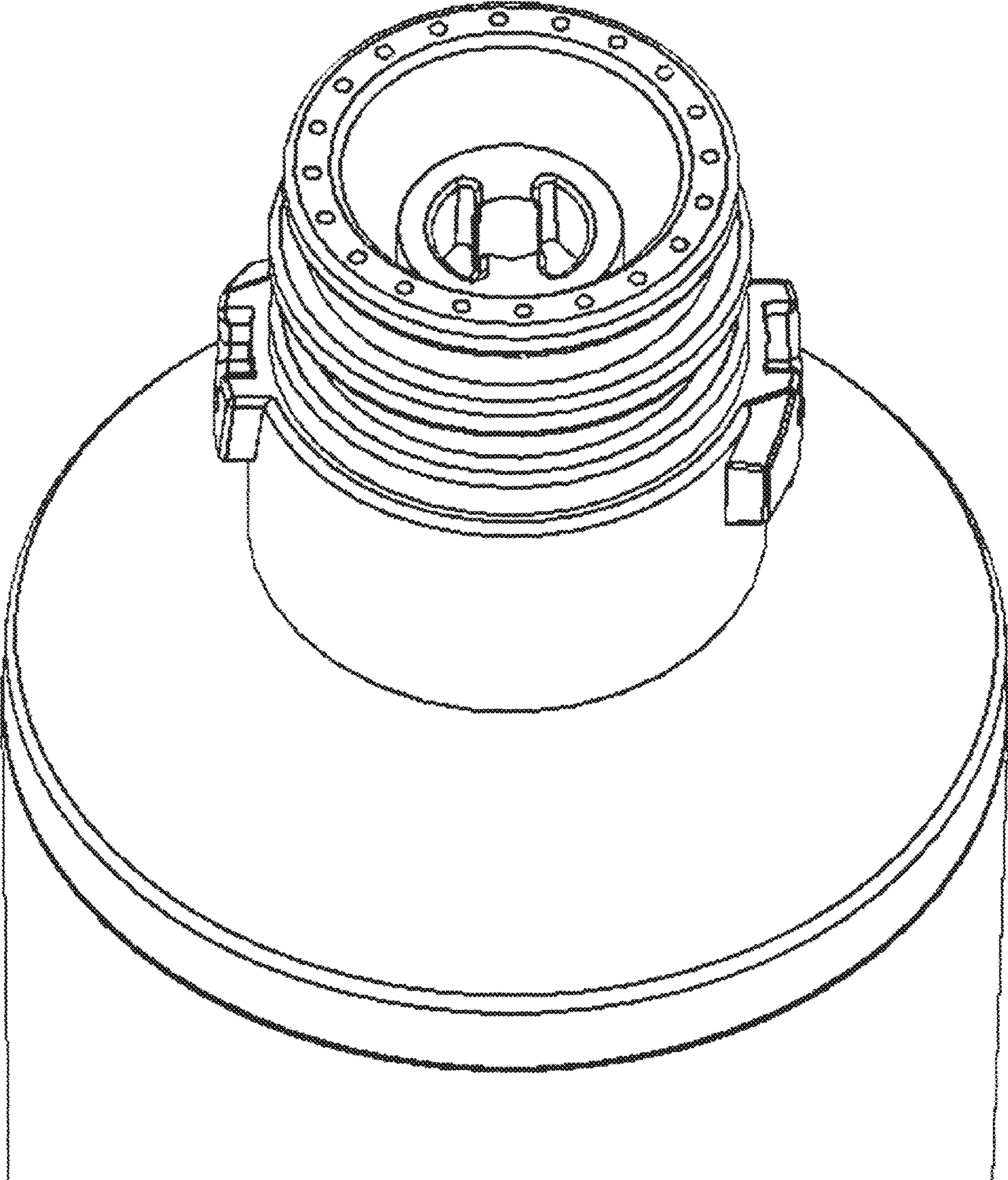


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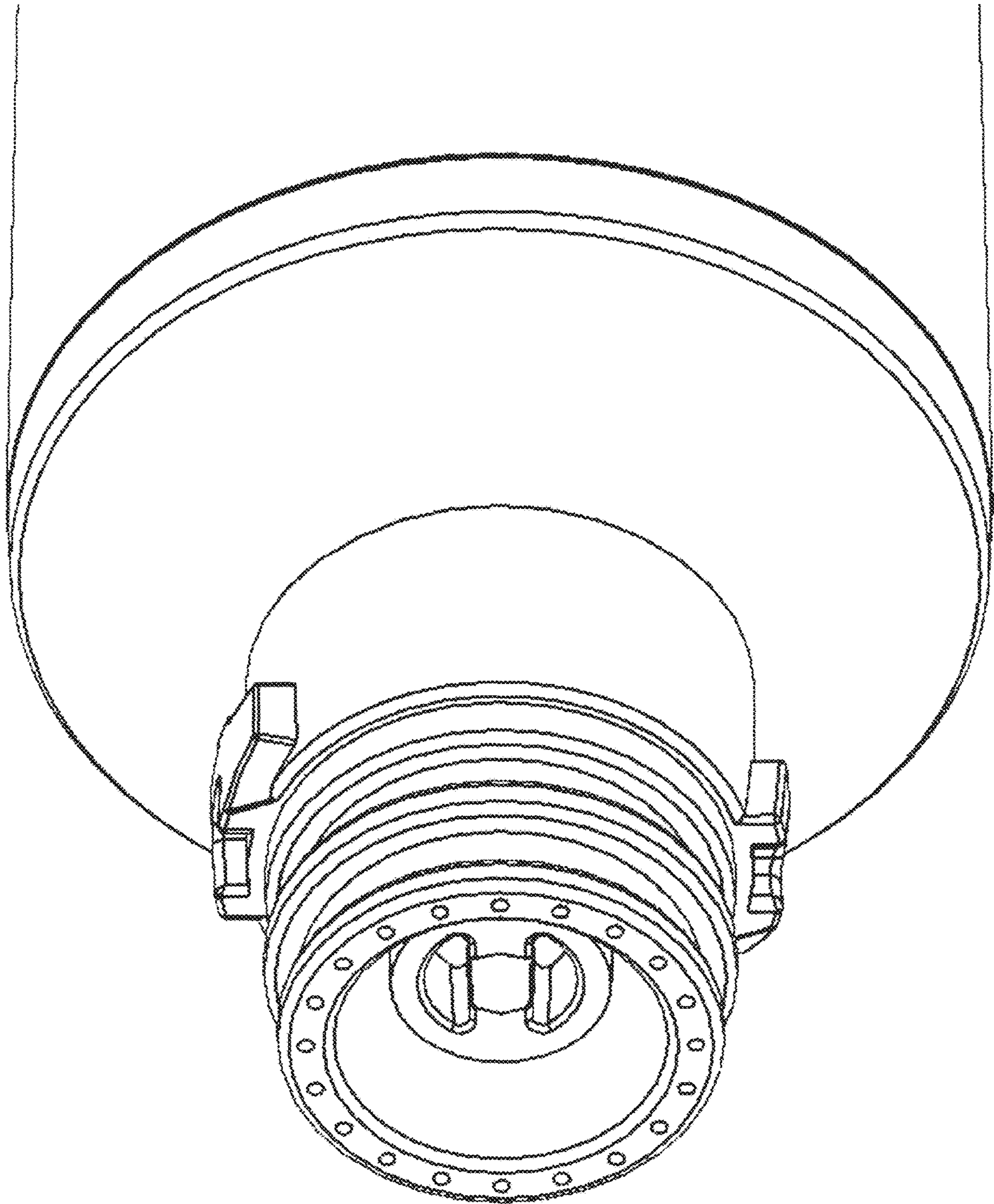


Figure 26