



US00D943061S

(12) **United States Design Patent** (10) **Patent No.:** **US D943,061 S**  
**McIntyre, II et al.** (45) **Date of Patent:** **\*\* Feb. 8, 2022**

- (54) **FUEL NOZZLE**
- (71) Applicant: **Marine Turbine Technologies, LLC**, Franklin, LA (US)
- (72) Inventors: **Ted Lee McIntyre, II**, New Iberia, LA (US); **Nelson Joseph Geoffroy**, Erath, LA (US); **Marc G. Boulanger**, Erath, LA (US)
- (73) Assignee: **Marine Turbine Technologies, LLC**, Franklin, LA (US)
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/779,152**
- (22) Filed: **Apr. 16, 2021**

4,761,959 A 8/1988 Romey et al.  
 5,269,468 A 12/1993 Adiutori  
 5,598,696 A 2/1997 Stotts  
 5,669,218 A 9/1997 Greninger  
 5,687,914 A \* 11/1997 Bosio ..... A62C 37/14  
 169/37

(Continued)

**FOREIGN PATENT DOCUMENTS**

EP 3815752 A1 \* 5/2021 ..... B05B 1/14

**OTHER PUBLICATIONS**

Stainless Steel 304/316/310 High Flow Air Atomizing Nozzle, Jan. 1, 2019, Amazon.com, Jul. 27, 2021, URL: [https://www.alibaba.com/product-detail/Stainless-Steel-304-316-310-High\\_62097773335.html?spm=a2700.pc\\_countrysearch.main07.211.37b269bapyyjK5](https://www.alibaba.com/product-detail/Stainless-Steel-304-316-310-High_62097773335.html?spm=a2700.pc_countrysearch.main07.211.37b269bapyyjK5) (Year: 2019).\*

(Continued)

**Related U.S. Application Data**

- (63) Continuation of application No. 16/371,753, filed on Apr. 1, 2019, now Pat. No. 11,060,460.
- (51) **LOC (13) Cl.** ..... **23-01**
- (52) **U.S. Cl.**  
USPC ..... **D23/214**
- (58) **Field of Classification Search**  
USPC ..... D23/213, 214, 215, 223, 224, 226, 229, D23/230  
CPC ..... A61H 9/0021; A61H 33/00; B05B 1/00; B05B 1/14; B05B 1/185; B05B 1/08; B05B 1/02; B05B 1/26; B05B 12/002; B05B 1/18; B05B 9/01  
See application file for complete search history.

*Primary Examiner* — Jack Reickel  
*Assistant Examiner* — Keith J Wilson  
 (74) *Attorney, Agent, or Firm* — Young Basile Hanlon & MacFarlane, P.C.

(57) **CLAIM**

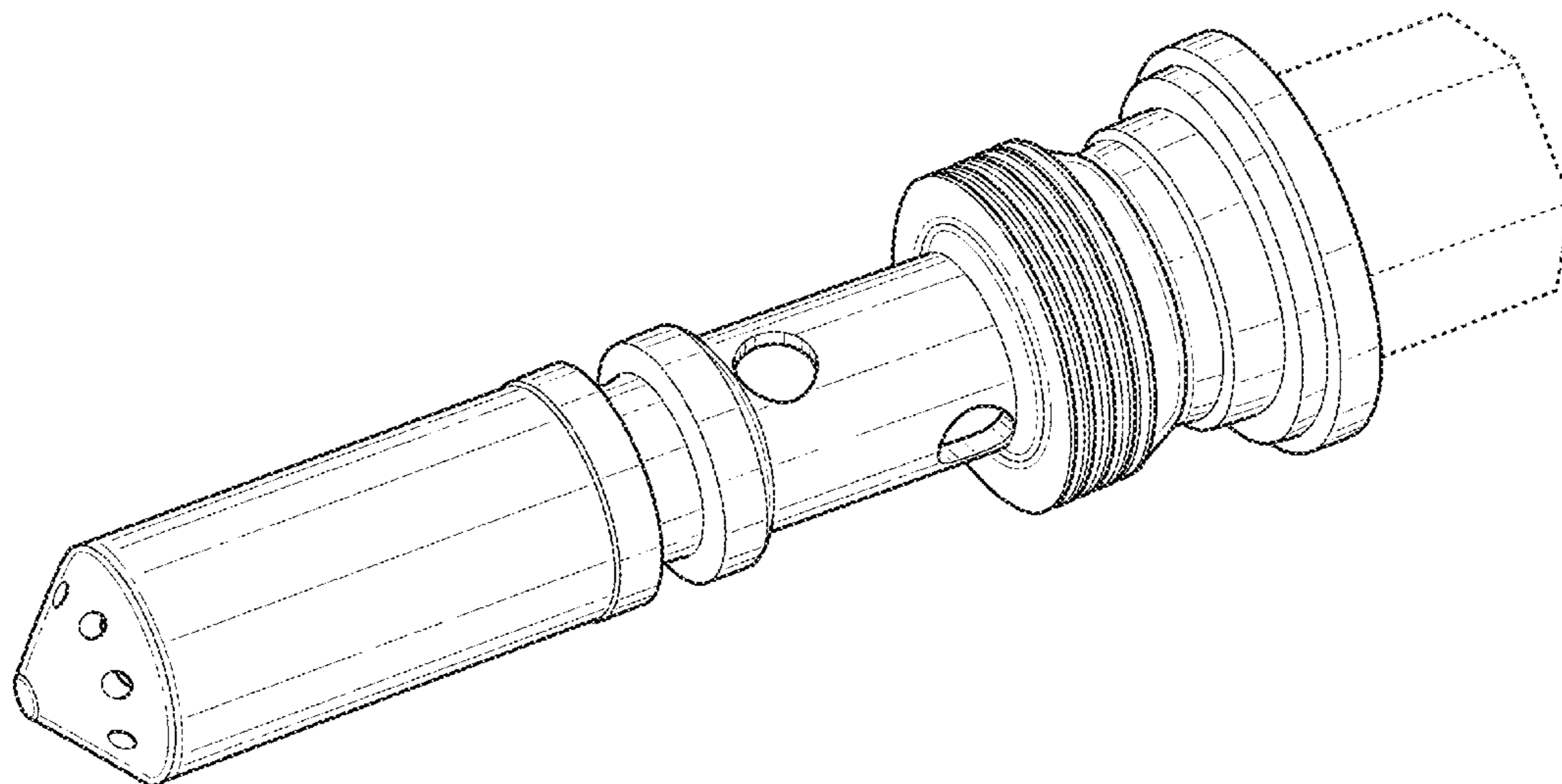
The ornamental design for a fuel nozzle, as shown and described.

**DESCRIPTION**

FIG. 1 is a left side elevation view of a fuel nozzle showing our new design;  
 FIG. 2 is a right side elevation view thereof;  
 FIG. 3 is a top plan view thereof;  
 FIG. 4 is a bottom plan view thereof;  
 FIG. 5 is a front elevation view thereof;  
 FIG. 6 is a rear elevation view thereof; and,  
 FIG. 7 is a top and front perspective view thereof.  
 The broken lines shown represent portions of a fuel nozzle and form no part of the claimed design.

**1 Claim, 4 Drawing Sheets**

- (56) **References Cited**  
U.S. PATENT DOCUMENTS
- |             |        |                 |
|-------------|--------|-----------------|
| 1,405,360 A | 1/1922 | Turner          |
| 2,946,185 A | 7/1960 | Bayer           |
| 3,871,063 A | 3/1975 | Halvorsen       |
| 4,028,888 A | 6/1977 | Pilarczyk       |
| 4,100,733 A | 7/1978 | Striebel et al. |
| 4,454,711 A | 6/1984 | Ben-Porat       |



(56)

References Cited

U.S. PATENT DOCUMENTS

5,983,642 A 11/1999 Parker et al.  
 6,256,995 B1 7/2001 Sampath et al.  
 7,530,231 B2 5/2009 Prociw et al.  
 7,937,926 B2 5/2011 Prociw et al.  
 8,984,887 B2 3/2015 Berry  
 9,267,690 B2 2/2016 Stoia et al.  
 9,341,376 B2 5/2016 Westmoreland, III et al.  
 9,353,950 B2 5/2016 Uhm et al.  
 9,366,440 B2 6/2016 Berry  
 9,423,134 B2 8/2016 Woods et al.  
 9,506,654 B2 11/2016 Uhm et al.  
 9,759,426 B2 9/2017 Johnson et al.  
 9,803,866 B2 10/2017 Yoshino  
 D911,489 S \* 2/2021 Spooner ..... D23/213  
 D912,202 S \* 3/2021 Takezawa ..... D23/213  
 D914,843 S \* 3/2021 Zhang ..... D23/226  
 10,960,415 B1 \* 3/2021 Amato ..... B08B 9/0936  
 D916,265 S \* 4/2021 Jung ..... D23/364  
 D920,471 S \* 5/2021 Ross ..... D23/213  
 D921,833 S \* 6/2021 Probst ..... D23/209  
 D922,521 S \* 6/2021 Ross ..... D23/213  
 11,135,604 B2 \* 10/2021 Hansen ..... B05B 15/74  
 D937,385 S \* 11/2021 Takeshita ..... D23/214  
 2004/0040306 A1 3/2004 Prociw et al.  
 2004/0040310 A1 3/2004 Prociw et al.  
 2006/0218925 A1 10/2006 Prociw et al.  
 2006/0277913 A1 12/2006 Fish  
 2007/0204622 A1 9/2007 Patel et al.  
 2007/0234724 A1 10/2007 Prociw et al.  
 2008/0016870 A1 1/2008 Morenko  
 2008/0047274 A1 2/2008 Fish et al.  
 2008/0053096 A1 3/2008 Morenko et al.  
 2008/0072599 A1 3/2008 Morenko et al.  
 2008/0072601 A1 3/2008 Morenko et al.  
 2008/0083223 A1 4/2008 Prociw et al.  
 2009/0044537 A1 2/2009 Boardman et al.  
 2009/0120522 A1 5/2009 Ziaei et al.  
 2009/0126368 A1 5/2009 Patel et al.  
 2010/0050645 A1 3/2010 Haggerty

2010/0051726 A1 3/2010 Houtman et al.  
 2010/0077758 A1 4/2010 Rudrapatna et al.  
 2010/0096037 A1 4/2010 Lee et al.  
 2010/0146928 A1 6/2010 Morenko et al.  
 2010/0263382 A1 10/2010 Mancini et al.  
 2013/0247574 A1 9/2013 Patel et al.  
 2015/0176496 A1 6/2015 Zordan et al.  
 2015/0253009 A1 9/2015 Bandaru et al.  
 2016/0116168 A1 4/2016 Bandaru et al.  
 2016/0201562 A1 7/2016 Chasse, Jr. et al.  
 2017/0122566 A1 5/2017 Piersall et al.  
 2017/0211480 A1 7/2017 Myers et al.  
 2018/0163635 A1 6/2018 Marocchini et al.  
 2018/0363899 A1 12/2018 Johnson et al.  
 2018/0363908 A1 12/2018 Graham et al.  
 2018/0363912 A1 12/2018 Graham et al.  
 2021/0298992 A1 \* 9/2021 Liu ..... A61H 33/12  
 2021/0346897 A1 \* 11/2021 Garcia Villarreal .... B05B 1/185

OTHER PUBLICATIONS

Brilliant Engineering Works, Mar. 13, 2017, youtube.com, Jul. 27, 2021, URL: [https://www.youtube.com/watch?v=ge\\_eiRpjSrc&t=6s](https://www.youtube.com/watch?v=ge_eiRpjSrc&t=6s) (Year: 2017).\*

Hypertherm Powermax 65 & 85 Mechanized Shield, Feb. 6, 2012, amazon.com, Dec. 2, 2021 .URL: <https://www.amazon.com/Hypertherm-Powermax-Mechanized-Shield-220817/dp/B00769KAMG> (Year: 2012).\*

Mig Welder Gas Diffuser fits Lincoln Magnum, Jul. 11, 2020, amazon.com, Dec. 2, 2021.URL: <https://www.amazon.com/Welder-Diffuser-Lincoln-Magnum-KP2746-1/dp/B08CSF25DZ> (Year: 2020).\*

“Army Aircraft Gas Turbine Engines”, Subcourse AL0993 Edition 5, published by The Army Institute for Professional Development and others in multiple locations and sites and found most recently at [militarynewbie.com/.../US-Army-aviation-course-Gas-Turbine-Engines-AL0993.pdf](http://militarynewbie.com/.../US-Army-aviation-course-Gas-Turbine-Engines-AL0993.pdf); Date unknown, but presumed to have been published more than one year before Apr. 1, 2019 (372 pp). Affidavit of Mr. John Godman Under 37 CFR 1.132, Dated Feb. 10, 2021 (23 pages).

\* cited by examiner

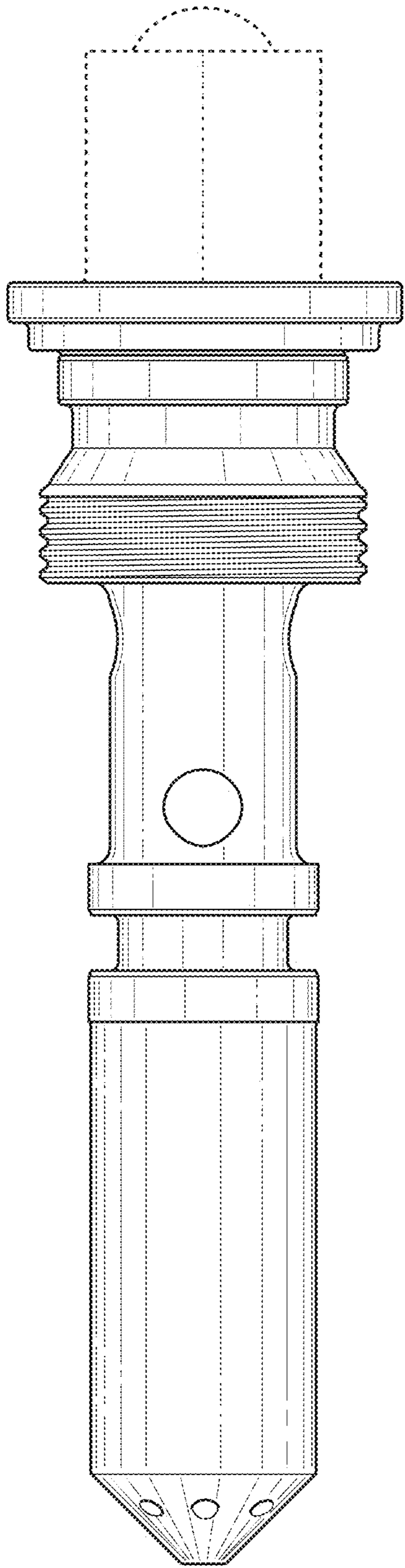


FIG. 1

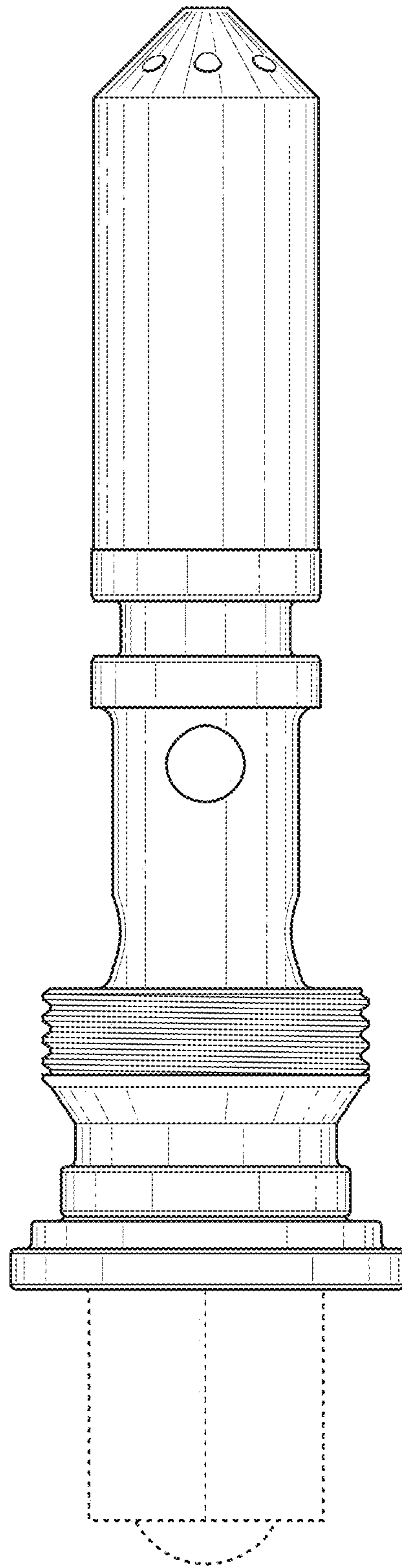


FIG. 2

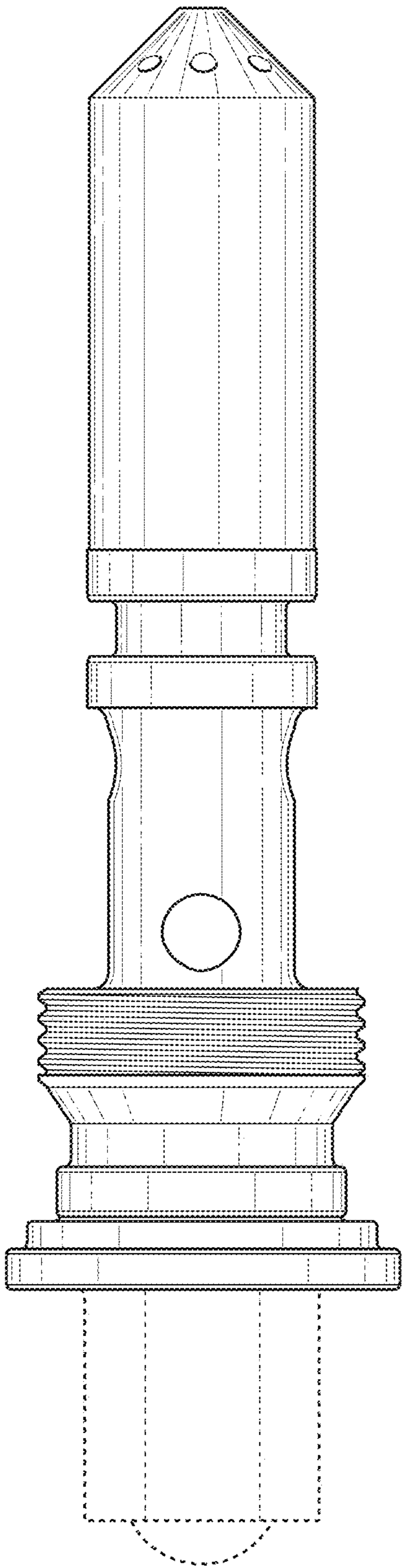


FIG. 3

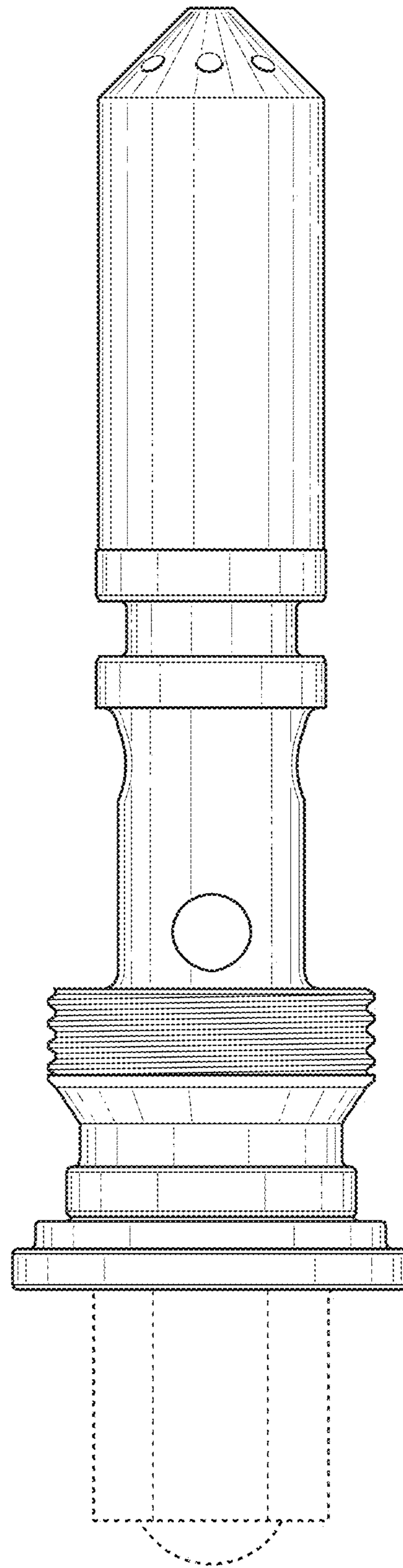


FIG. 4

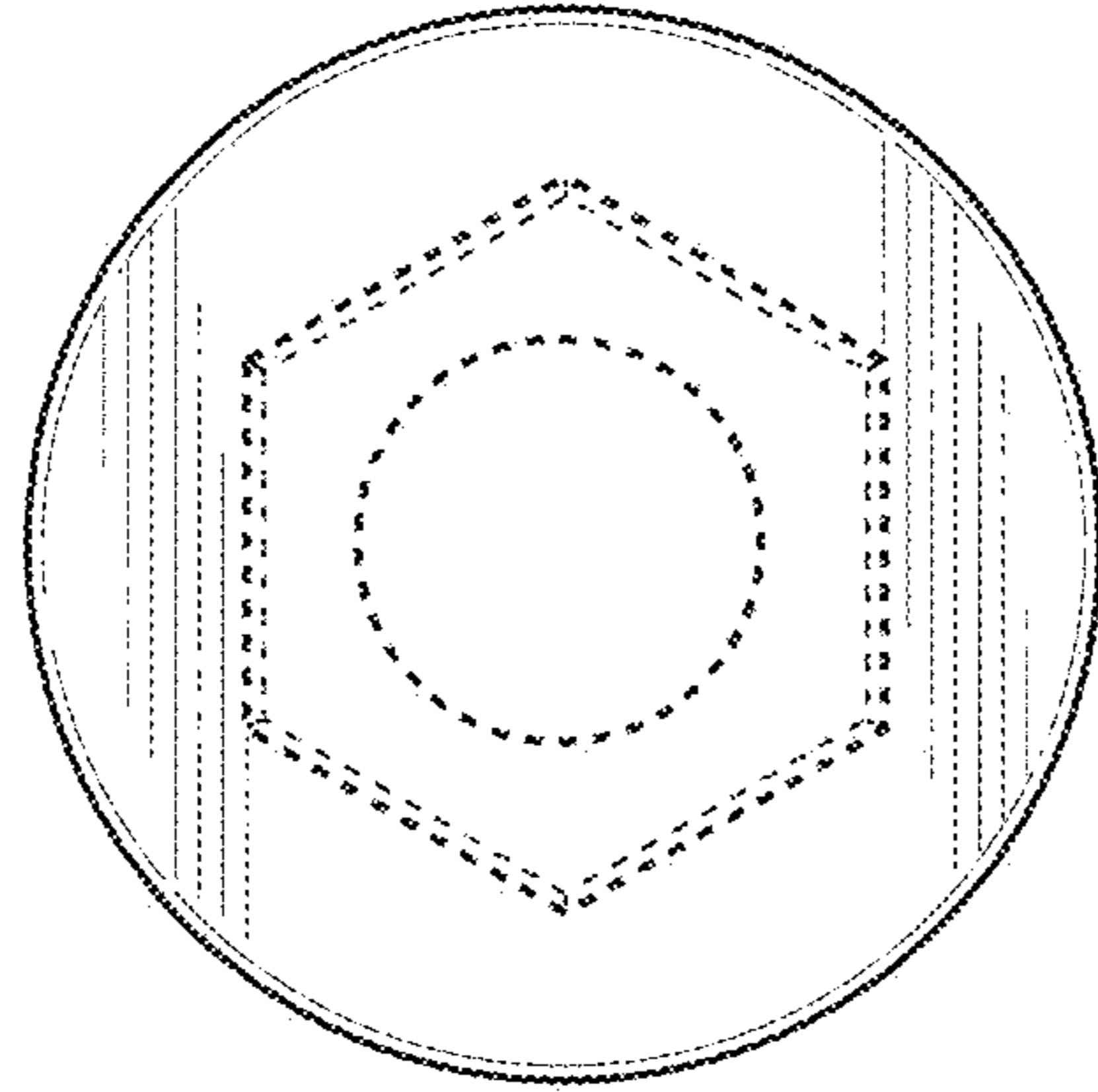


FIG. 5

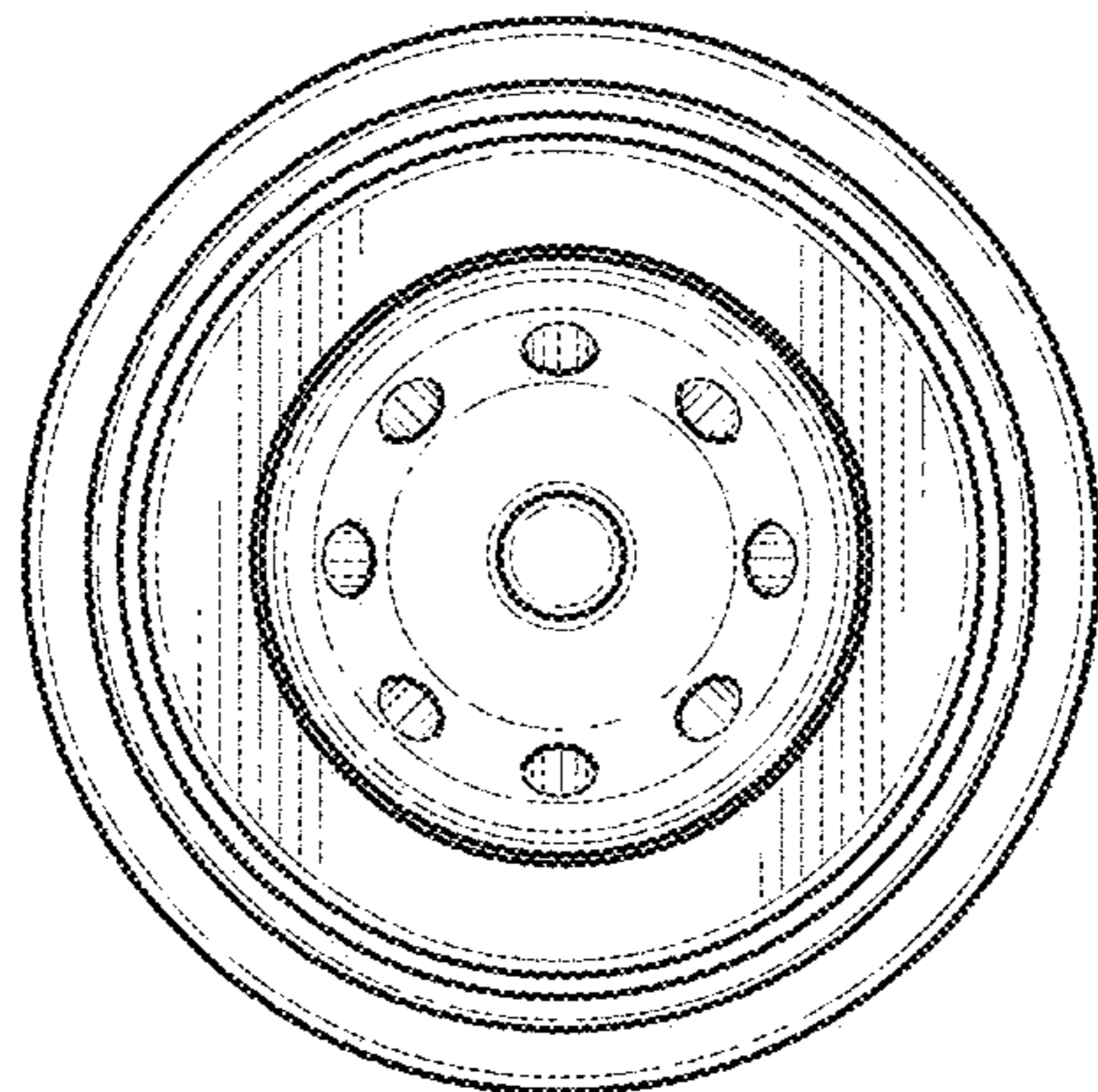


FIG. 6

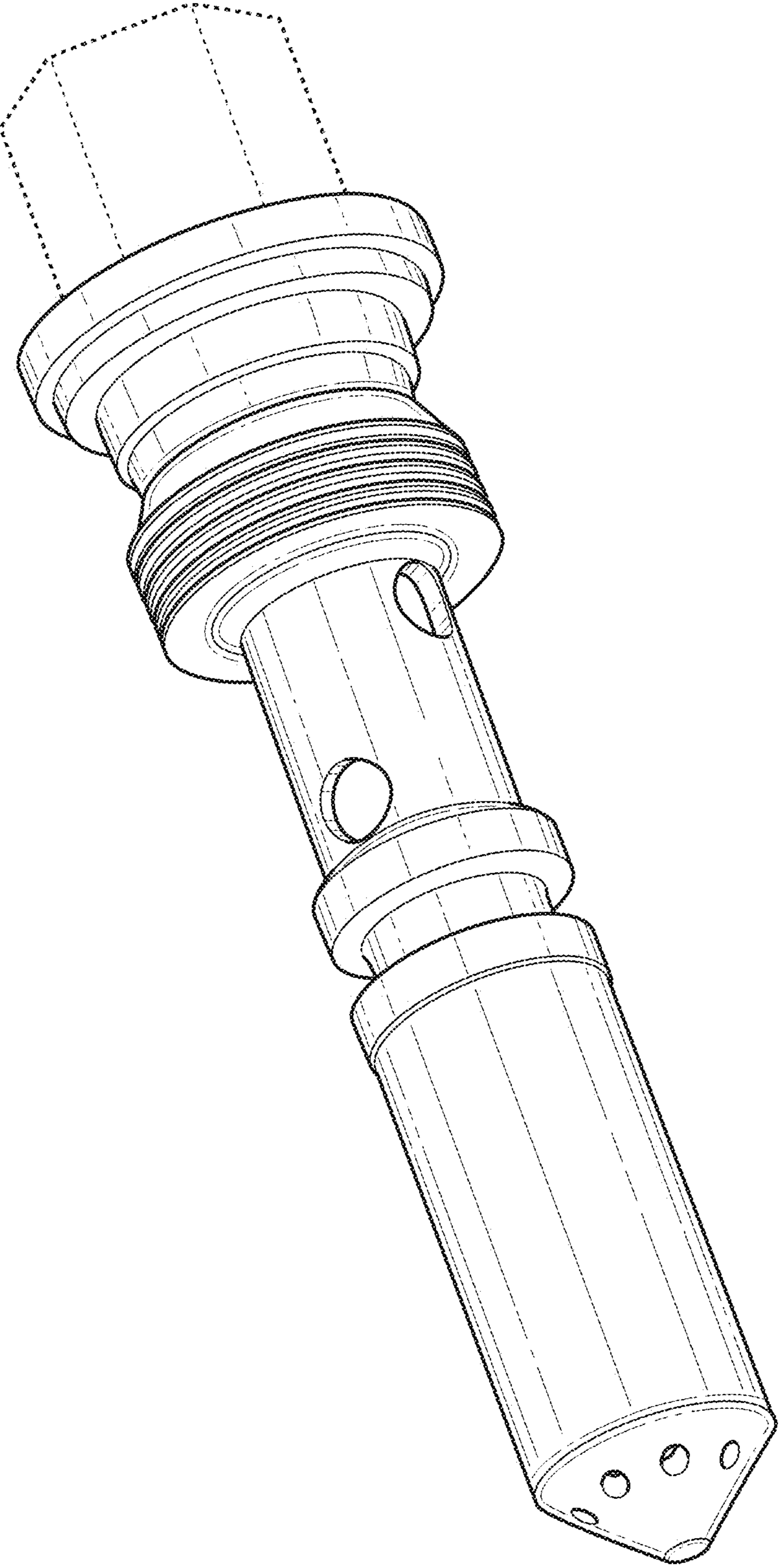


FIG. 7