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(12) **United States Design Patent** (10) **Patent No.:** **US D935,298 S**  
**Liu** (45) **Date of Patent:** **\*\* Nov. 9, 2021**

(54) **SCREW EXTRACTOR**

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(72) Inventor: **Jiaxin Liu**, Shenzhen (CN)

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

(21) Appl. No.: **29/710,528**

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(51) **LOC (13) Cl.** ..... **08-04**

(52) **U.S. Cl.**  
USPC ..... **D8/86**

(58) **Field of Classification Search**  
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CPC ..... B25B 27/18; B25B 15/00; B25B 15/001;  
B25B 15/005; B25B 15/007; B25B 15/02;  
B23K 20/1255

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- 1,863,045 A \* 6/1932 Randall ..... B25B 27/18  
81/441
- 6,761,089 B2 \* 7/2004 Bergamo ..... B25B 27/18  
81/441
- 7,152,509 B2 \* 12/2006 McCalley, Jr. .... B25B 27/18  
81/53.2
- D668,697 S \* 10/2012 Hsu ..... D15/139
- 8,579,180 B2 \* 11/2013 Burford ..... B23K 20/1255  
228/2.1
- 8,955,415 B2 \* 2/2015 Lin ..... B25B 27/18  
81/53.2
- D778,137 S \* 2/2017 Tao ..... D8/86
- D794,188 S \* 8/2017 Naglapura ..... D24/133
- D794,409 S \* 8/2017 Anderson ..... D8/86
- D853,212 S \* 7/2019 Whited ..... D8/14
- D897,806 S \* 10/2020 Norton ..... D8/86
- 2006/0191379 A1 \* 8/2006 McCalley, Jr. .... B25B 27/18  
81/53.2
- 2009/0183603 A1 \* 7/2009 Kozak ..... B23B 51/10  
81/53.2

- 2011/0061217 A1 \* 3/2011 Shevela ..... B25B 27/0035  
29/235
- 2011/0252925 A1 \* 10/2011 Whitehead ..... B25B 15/005  
81/53.2
- 2014/0238202 A1 \* 8/2014 Roscosky ..... B25B 27/18  
81/53.2
- 2015/0075331 A1 \* 3/2015 Catalano ..... B25B 27/18  
81/53.2
- 2016/0082579 A1 \* 3/2016 Chen ..... B25B 27/18  
81/441
- 2016/0279772 A1 \* 9/2016 Woods, I ..... B25B 27/18
- 2018/0001450 A1 \* 1/2018 Anderson ..... B25B 27/18

**OTHER PUBLICATIONS**

22 Piece Damaged Screw Extractor Set, Amazon.com, Reviewed Oct. 1, 2018.\*

\* cited by examiner

*Primary Examiner* — Philip S Hyder

(57) **CLAIM**

The ornamental design for a screw extractor, as shown and described.

**DESCRIPTION**

FIG. 1 is a front and top perspective view of a screw extractor, showing my new design;

FIG. 2 is a rear and bottom perspective view thereof;

FIG. 3 is a front elevational view thereof;

FIG. 4 is a rear elevational view thereof;

FIG. 5 is a left side elevational view thereof;

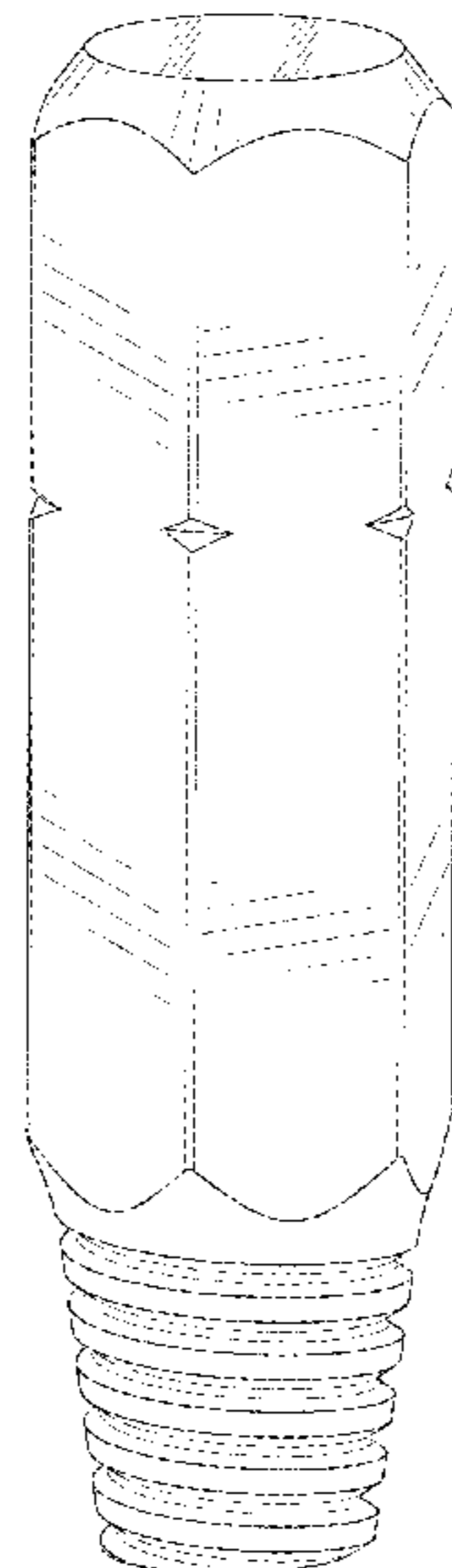
FIG. 6 is a right side elevational view thereof;

FIG. 7 is a top plan view thereof;

FIG. 8 is a bottom plan view thereof; and,

FIG. 9 is an enlarged view of a portion indicated in FIG. 8. The dash dot dash lines in FIGS. 8-9 are for the purpose of depicting the cut line of the enlarged view and form no part of the claimed design.

**1 Claim, 9 Drawing Sheets**



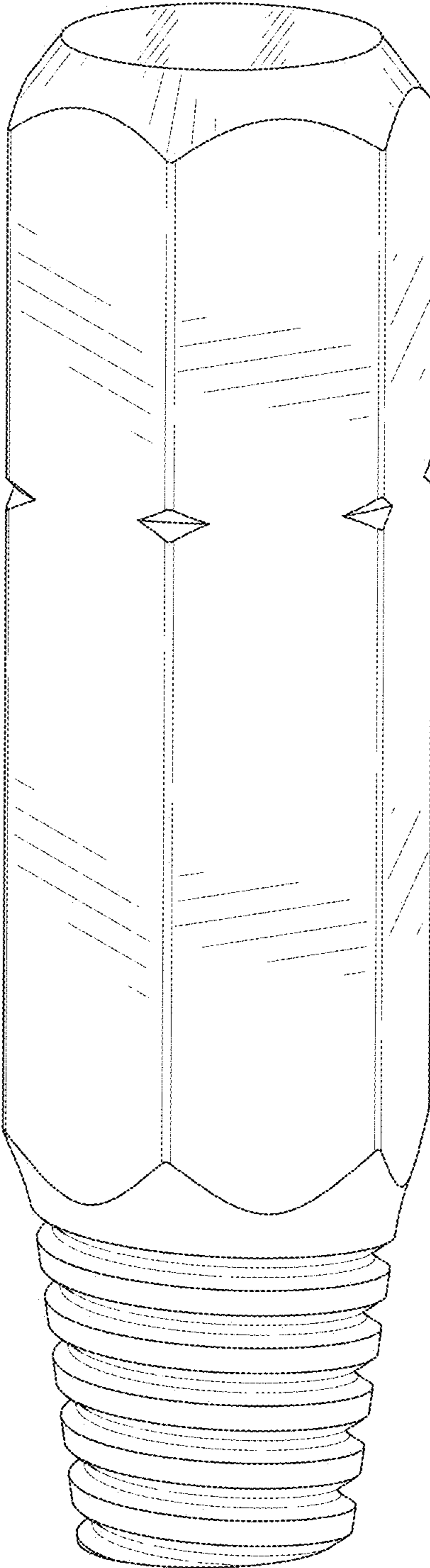


FIG. 1

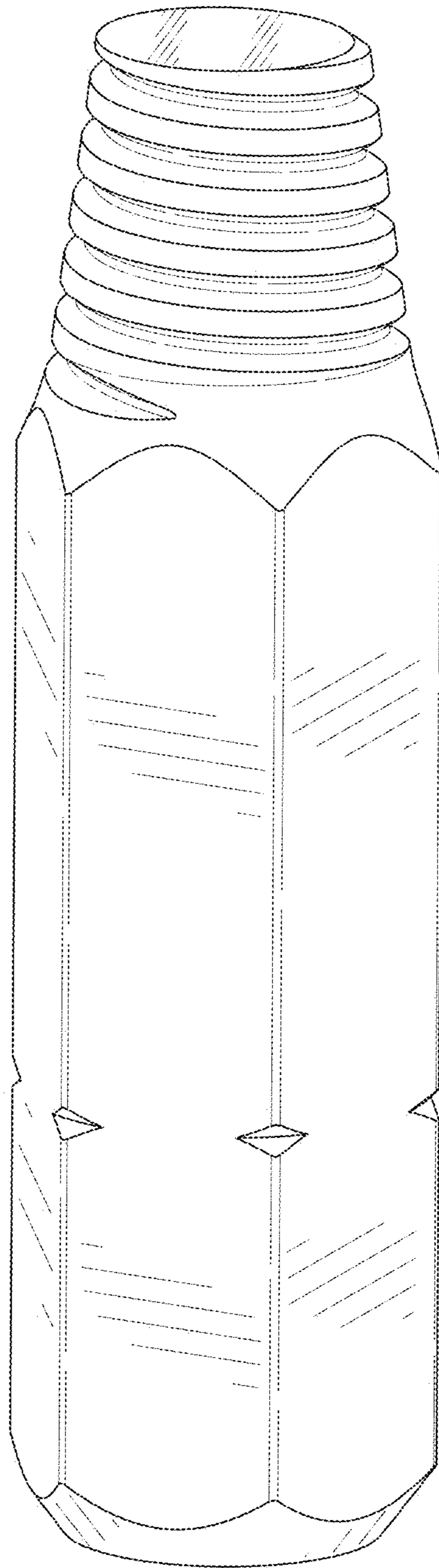


FIG. 2

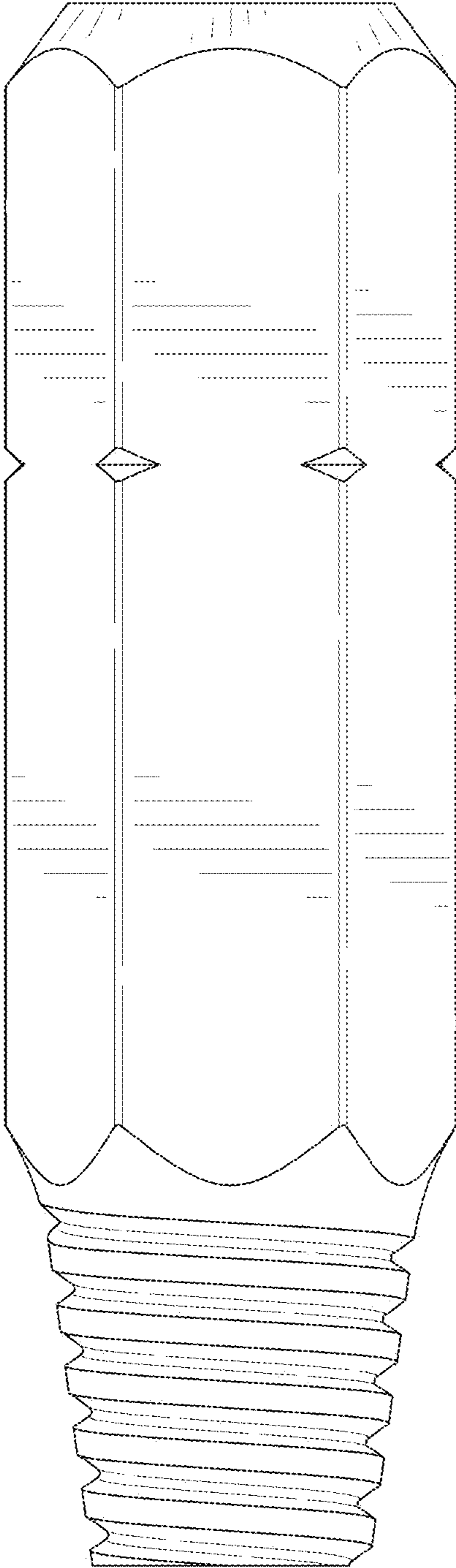


FIG. 3

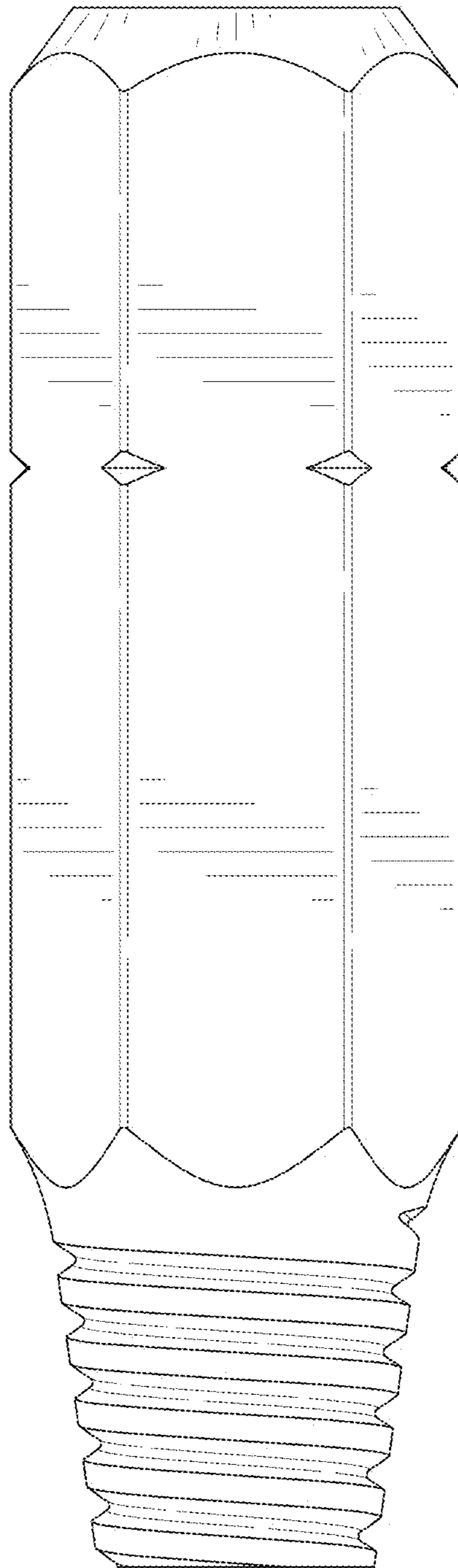


FIG. 4

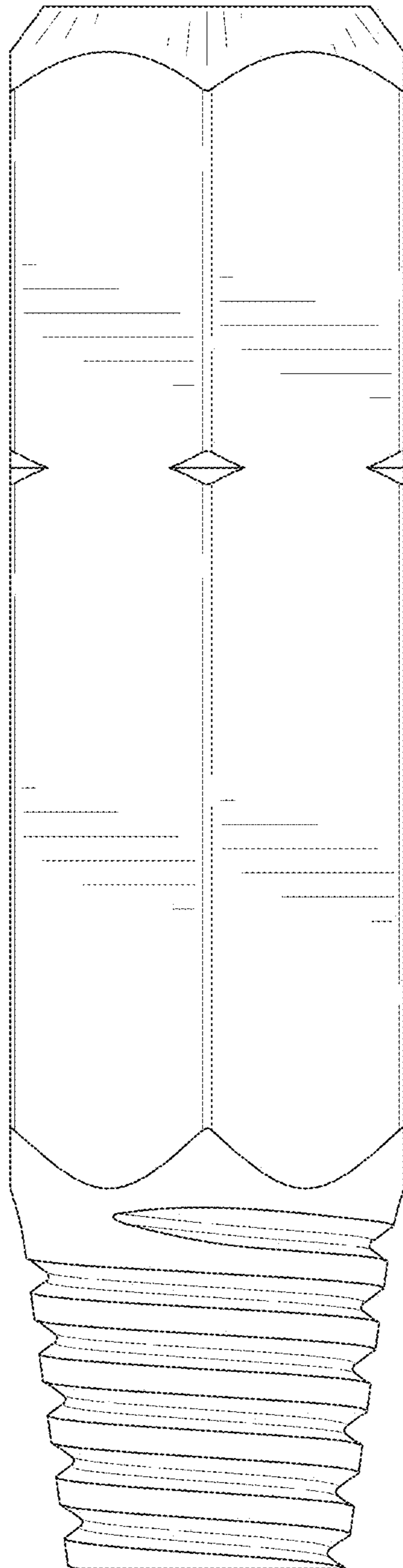


FIG. 5

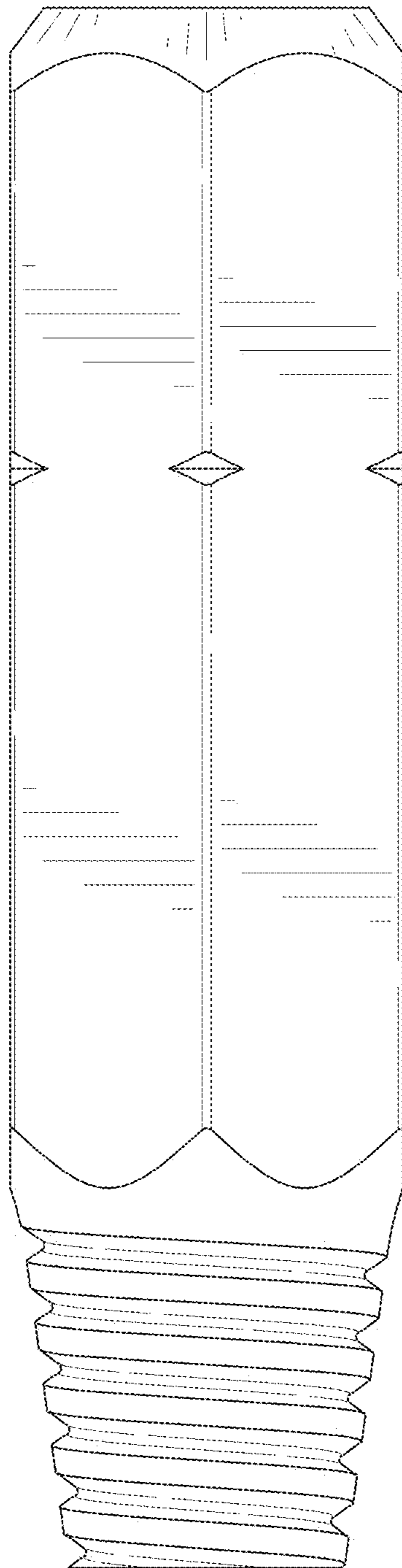


FIG. 6

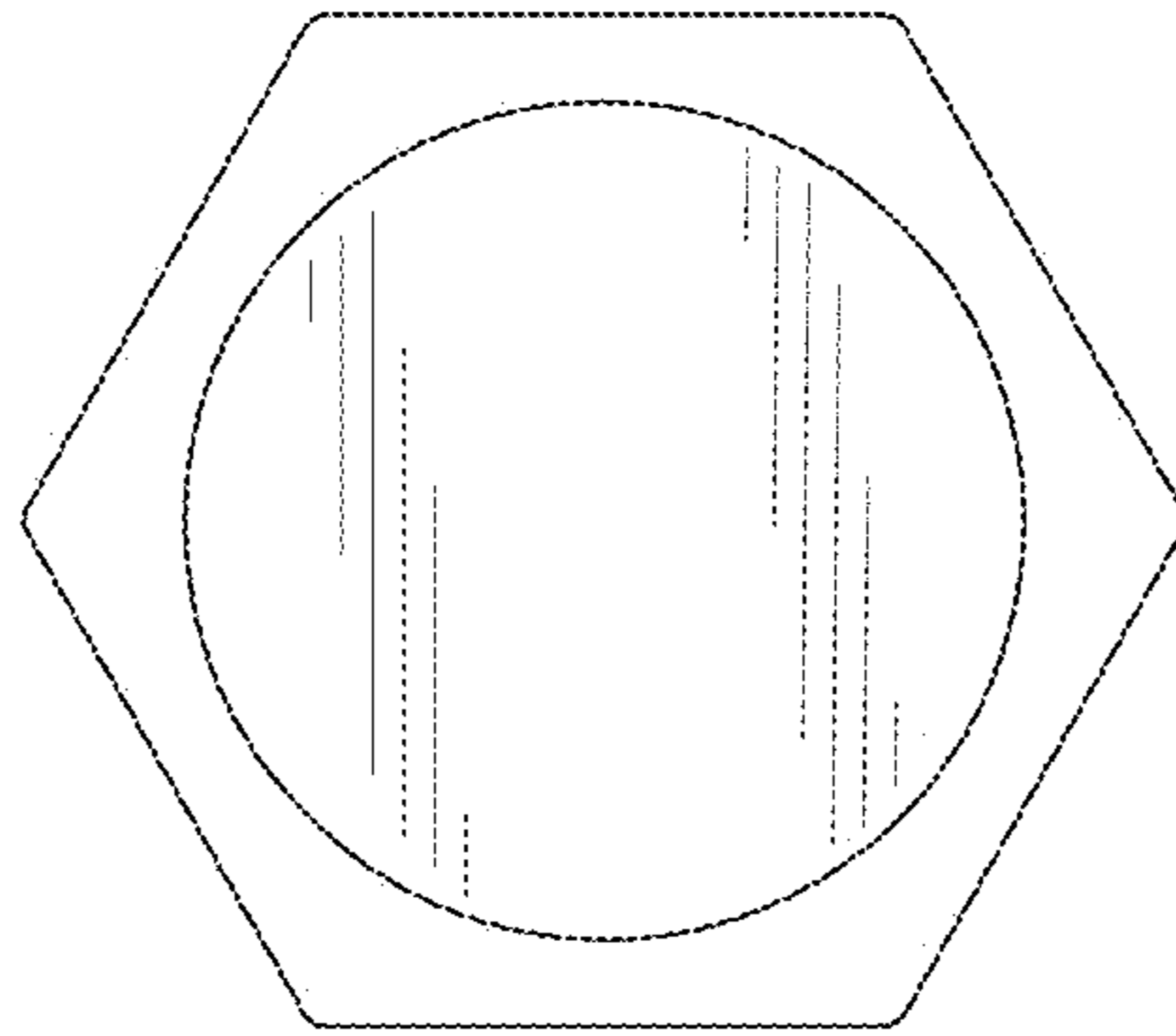


FIG. 7



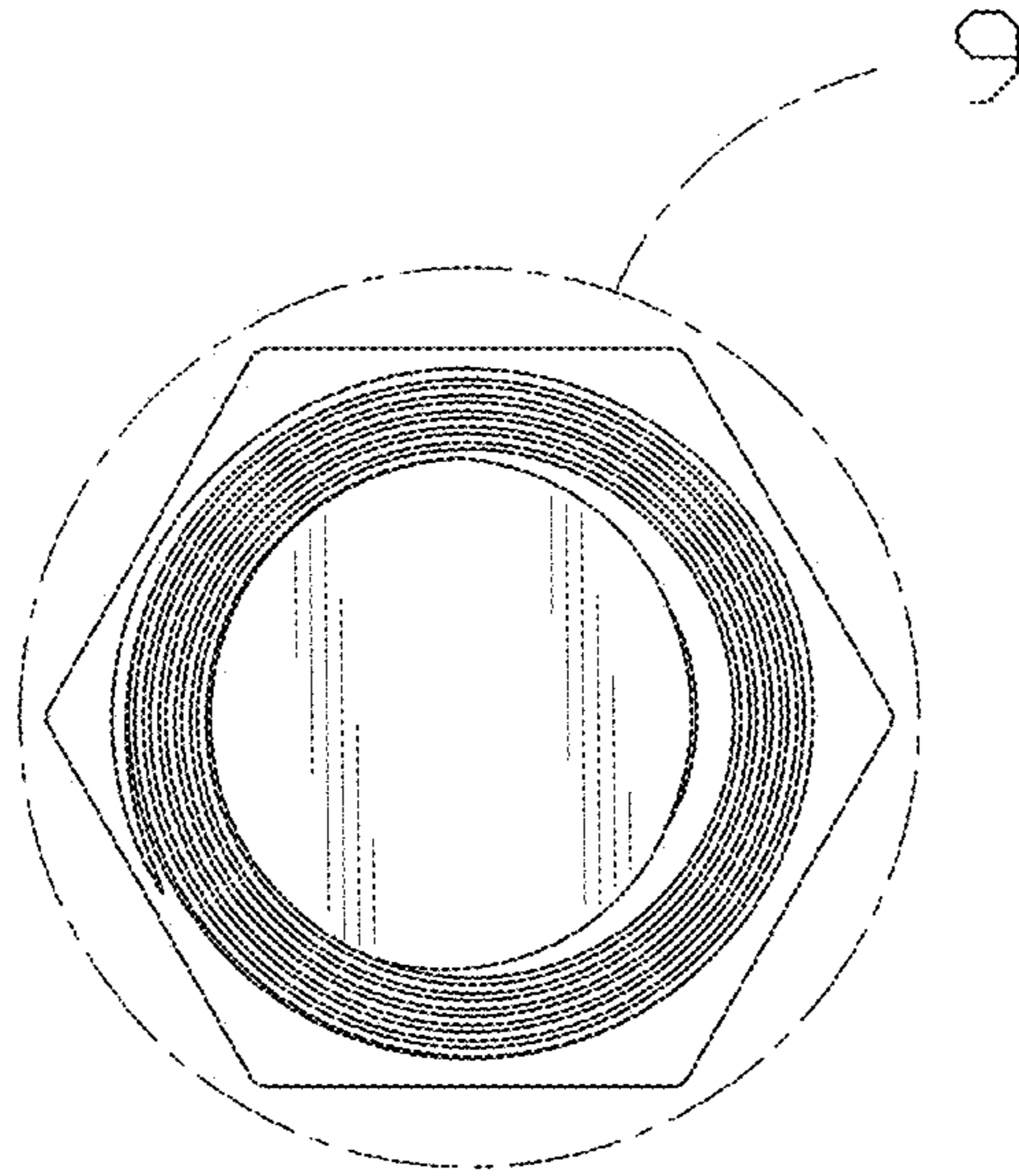


FIG. 8

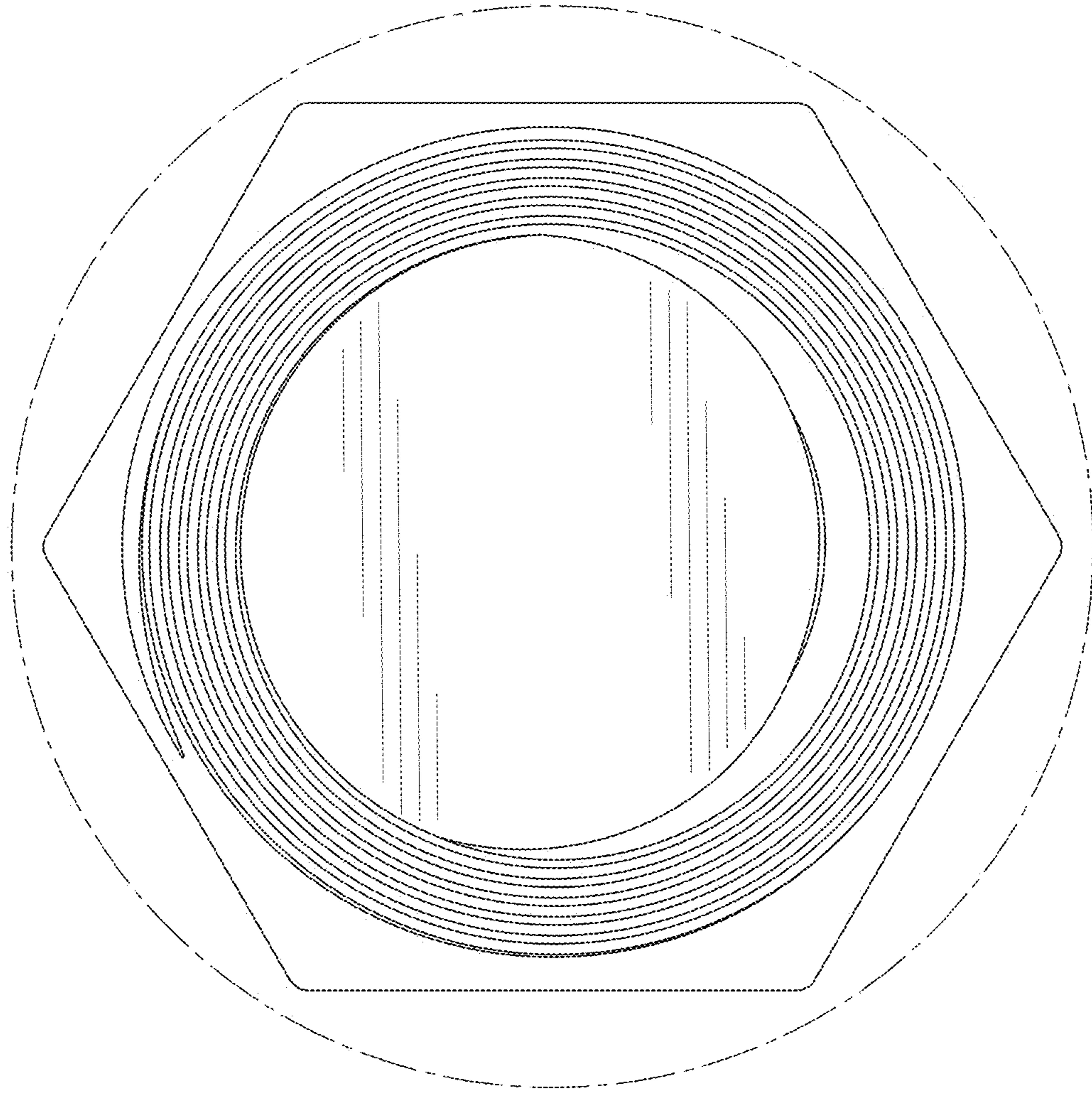


FIG. 9