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(12) **United States Design Patent** (10) **Patent No.:** **US D827,823 S**
Larsen (45) **Date of Patent:** **** Sep. 4, 2018**

(54) **ENDODONTIC INSTRUMENT**
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(73) Assignee: **Venta Endo, LLC**, Logan, UT (US)

(**) Term: **15 Years**
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(51) **LOC (11) Cl.** **24-02**
(52) **U.S. Cl.**
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(58) **Field of Classification Search**
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D24/178, 179, 180, 185; D8/387; 433/2,
433/3, 81, 82, 86, 102, 114, 118, 119,
433/165, 224; D19/170, 171, 172, 173,
D19/174, 175, 176, 177, 178, 179, 917
CPC A61C 5/42; A61C 1/0015; A61C 1/003;
A61C 1/12; A61C 3/00; A61C 35/40;
A61B 17/1617; G09B 23/283
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

6,248,095 B1 * 6/2001 Giambattista A61M 5/31551
604/207
D569,508 S * 5/2008 Bacher D24/133
9,585,731 B2 * 3/2017 Becker A61C 5/42
D789,452 S * 6/2017 Matsumura D19/163
D818,587 S * 5/2018 Shang D24/146
2011/0212413 A1 * 9/2011 Becker A61C 5/42
433/102
2012/0219927 A1 * 8/2012 Maxwell A61C 5/42
433/102
2013/0101956 A1 * 4/2013 Larsen A61C 5/023
433/102
2015/0202380 A1 * 7/2015 Harms A61M 5/3272
604/198
2016/0302883 A1 * 10/2016 Sprechman A61C 5/023

2017/0238942 A1 * 8/2017 Fortin A61B 17/1666
2017/0281311 A1 * 10/2017 Aloise A61B 17/1617
2017/0367786 A1 * 12/2017 Halverson A61C 3/00
2018/0153644 A1 * 6/2018 Bosisio A61C 17/02
2018/0165991 A1 * 6/2018 Piras A61C 1/0015

OTHER PUBLICATIONS

“Universal Endo Handle” <https://www.pearsondental.com/catalog/product.asp?majcatid=16&catid=4800&subcatid=13192> Jul. 5, 2017 (Year: 2017).*

* cited by examiner

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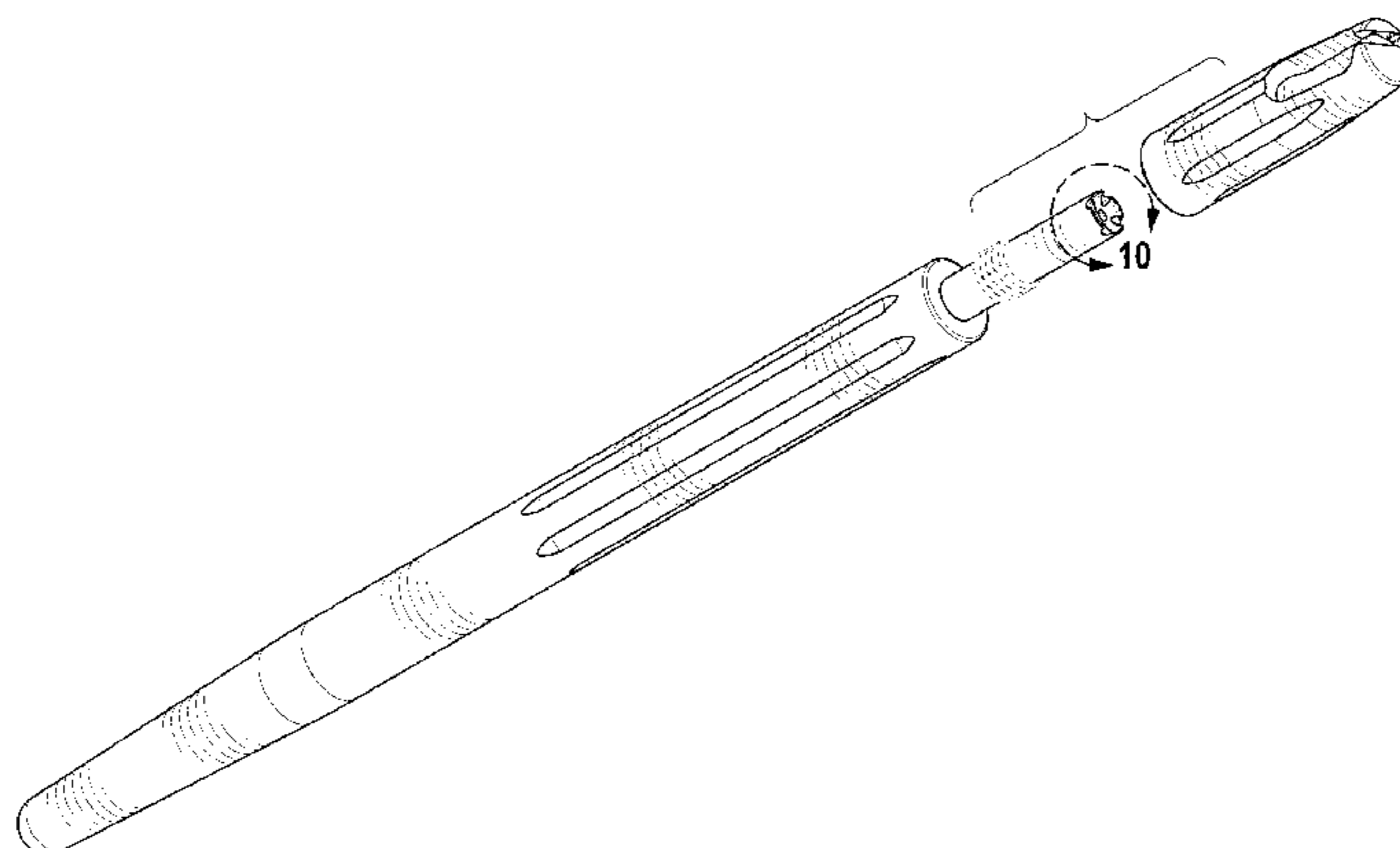
(57) **CLAIM**

The ornamental design for and endodontic instrument, as shown and described.

DESCRIPTION

FIG. 1 is a perspective bottom side view of an endodontic instrument;
FIG. 2 is a perspective top side view thereof;
FIG. 3 is a back view thereof;
FIG. 4 is a front view thereof;
FIG. 5 is a bottom view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a left side view thereof;
FIG. 8 is a right side view thereof;
FIG. 9 is an exploded view thereof; and,
FIG. 10 is an enlarged partial perspective view of a head portion thereof, as indicated in FIG. 9.
The broken lines shown in FIG. 9 illustrate portions of the endodontic instrument that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



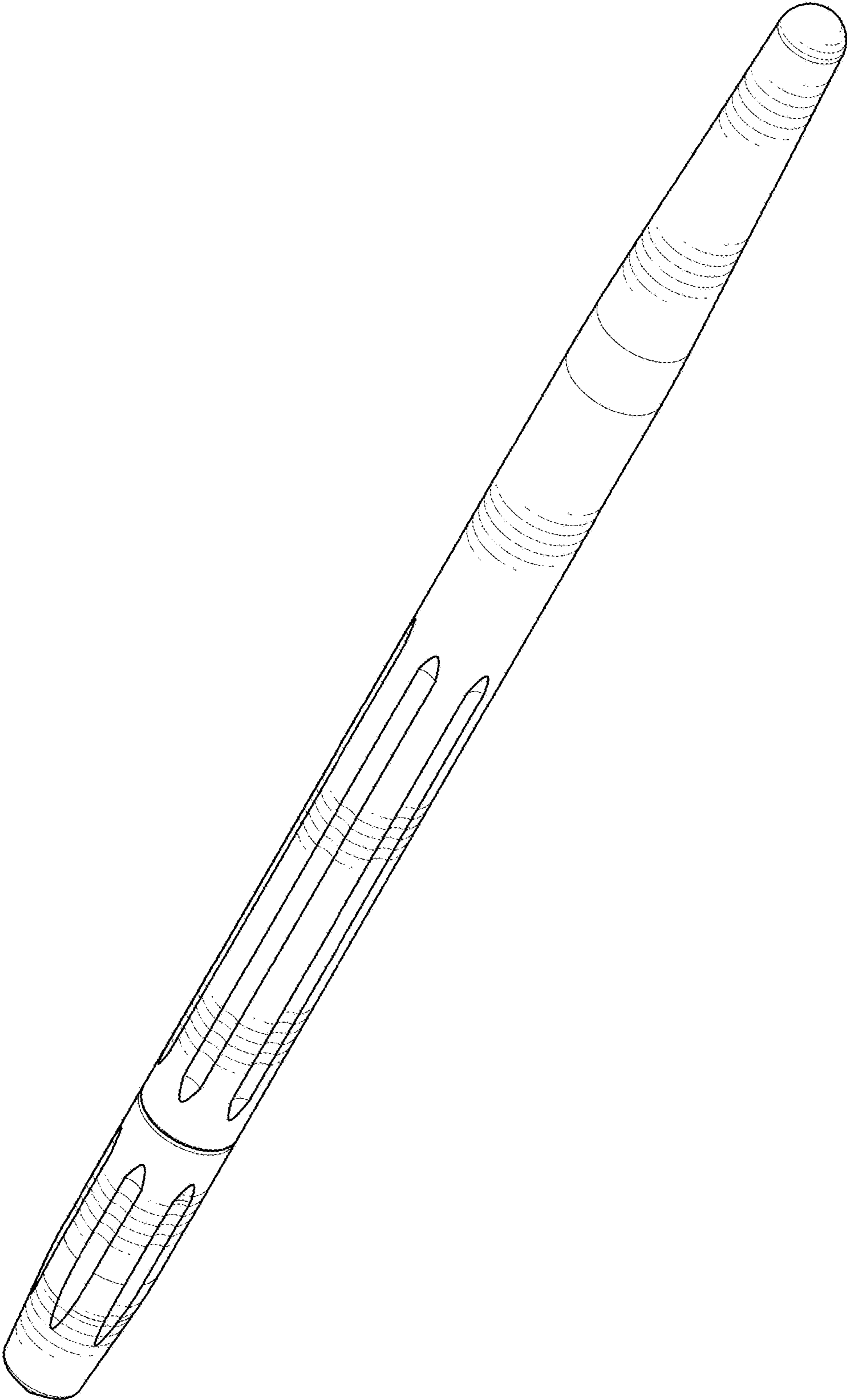


FIG. 1

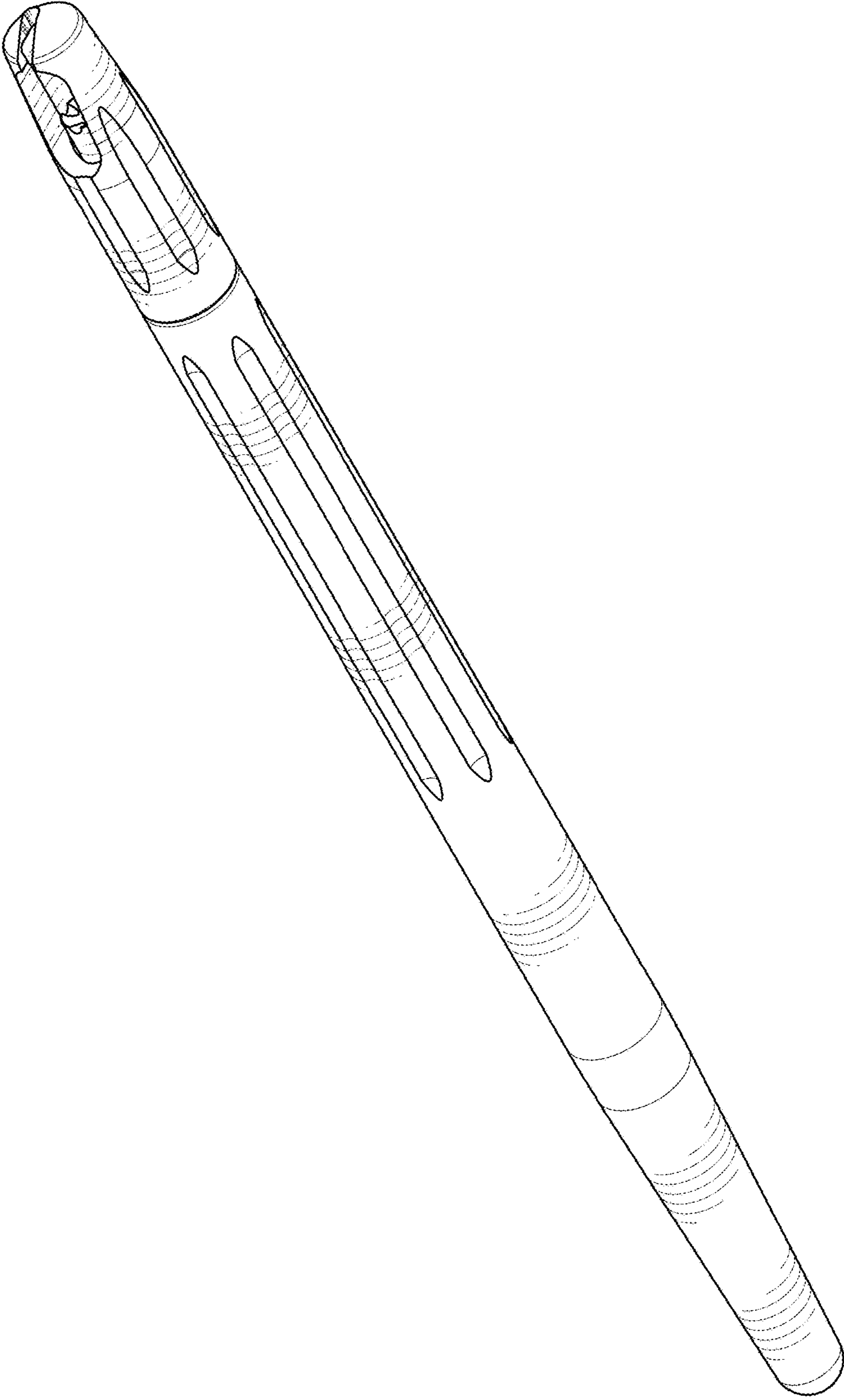


FIG. 2

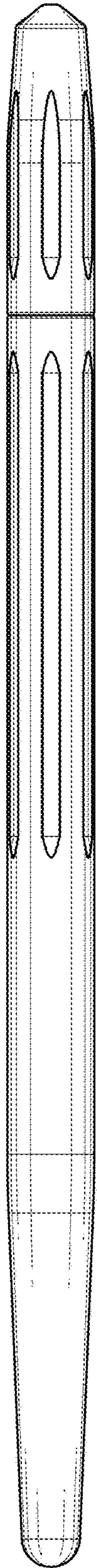


FIG. 3

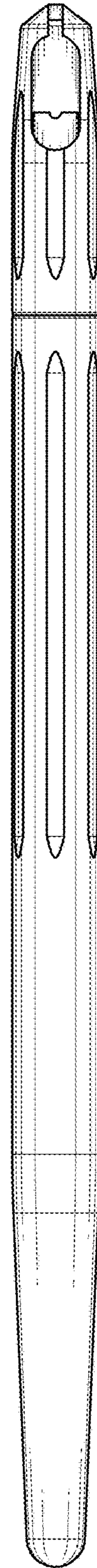


FIG. 4

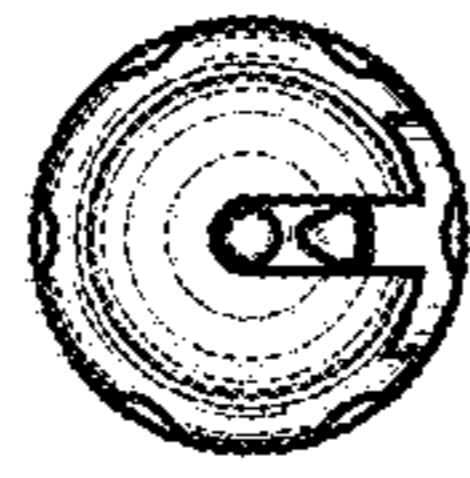


FIG. 6

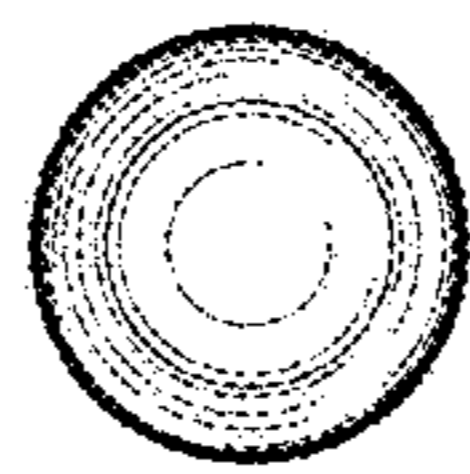


FIG. 5

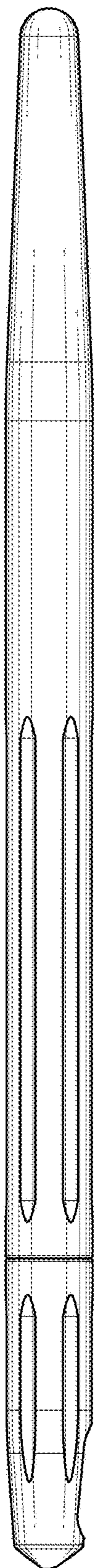


FIG. 7

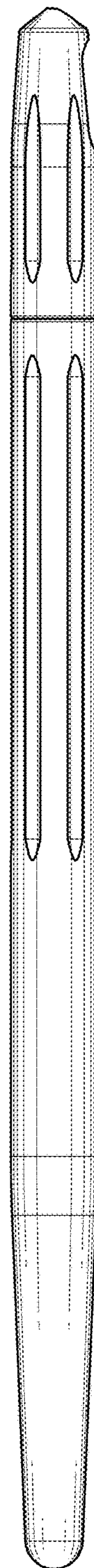


FIG. 8

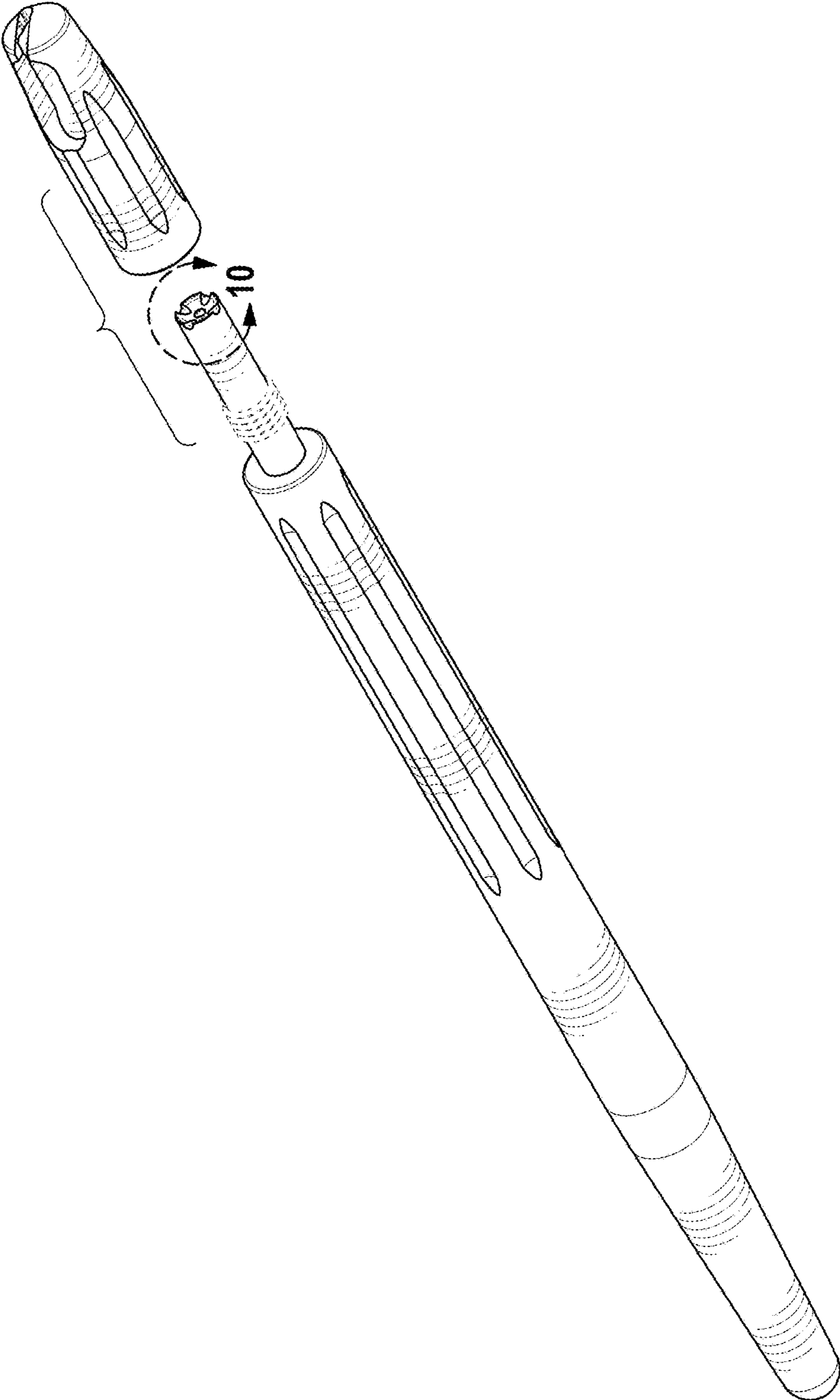


FIG. 9

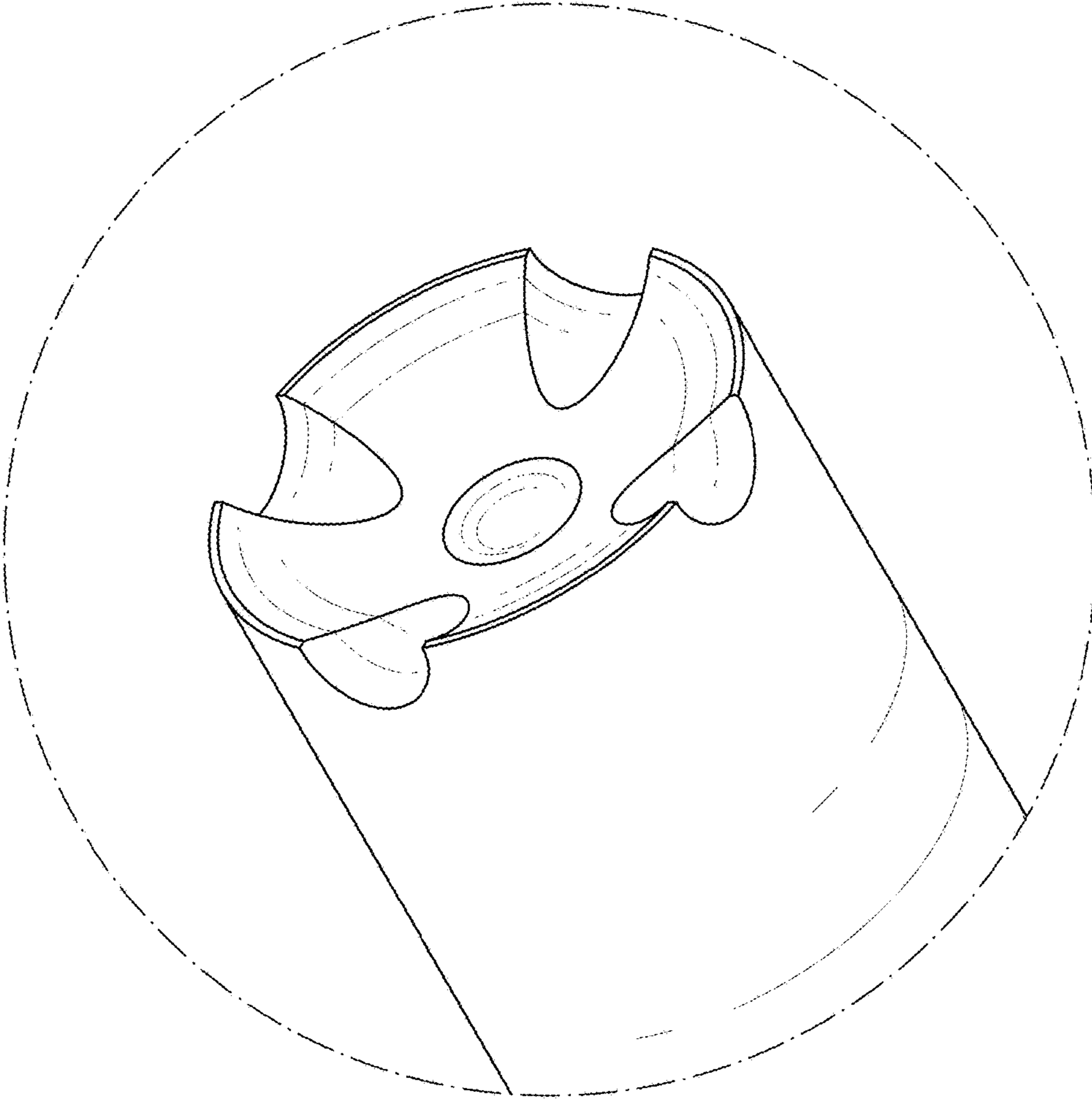


FIG. 10