



US00D905642S

(12) **United States Design Patent**  
**Land et al.**

(10) **Patent No.:** **US D905,642 S**  
(45) **Date of Patent:** **\*\* Dec. 22, 2020**

(54) **ELECTRICAL CONNECTOR**

(71) Applicants: **RED.COM, LLC**, Irvine, CA (US);  
**ODU GmbH & Co KG**, Muehldorf am  
Inn (DE)

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Muehldorf (DE)

(73) Assignees: **RED.COM, LLC**, Irvine, CA (US);  
**ODU GmbH & Co KG**, Muehldorf am  
Inn (DE)

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

(21) Appl. No.: **29/617,296**

(22) Filed: **Sep. 13, 2017**

(51) **LOC (12) Cl.** ..... **13-03**

(52) **U.S. Cl.**  
USPC ..... **D13/133**

(58) **Field of Classification Search**  
USPC ..... D13/110, 112, 118, 123, 133, 146-149,  
D13/154-156, 173, 184, 199  
(Continued)

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(Continued)

*Primary Examiner* — Angela J Lee

*Assistant Examiner* — Shawn T Gingrich

(74) *Attorney, Agent, or Firm* — Knobbe, Martens, Olson  
& Bear LLP

(57) **CLAIM**

The ornamental design for an electrical connector, as shown  
show and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of an electrical connector;

FIG. 2 is a rear perspective view of the electrical connector  
of FIG. 1;

FIG. 3 is a front elevational view of the electrical connector  
of FIG. 1;

FIG. 4 is a cross-sectional view of the electrical connector  
of FIG. 1 along the line 4-4 of FIG. 3;

FIG. 5 is a rear elevational view of the electrical connector  
of FIG. 1;

FIG. 6 is a left-side elevational view of the electrical  
connector of FIG. 1;

FIG. 7 is a right-side elevational view of the electrical  
connector of FIG. 1;

FIG. 8 is a top plan view of the electrical connector of FIG.  
1;

FIG. 9 is a bottom plan view of the electrical connector of  
FIG. 1;

FIG. 10 is a front perspective view of an alternative embodi-  
ment of an electrical connector;

FIG. 11 is a rear perspective view of the electrical connector  
of FIG. 10;

FIG. 12 is a front elevational view of the electrical connector  
of FIG. 10;

FIG. 13 is a cross-sectional view of the electrical connector  
of FIG. 10 along the line 13-13 of FIG. 12;

FIG. 14 is a rear elevational view of the electrical connector  
of FIG. 10;

FIG. 15 is a left-side elevational view of the electrical  
connector of FIG. 10;

FIG. 16 is a right-side elevational view of the electrical  
connector of FIG. 10;

FIG. 17 is a top plan view of the electrical connector of FIG.  
10;

FIG. 18 is a bottom plan view of the electrical connector of  
FIG. 10;

FIG. 19 is a front perspective view of an alternative embodi-  
ment of an electrical connector;

FIG. 20 is a rear perspective view of the electrical connector  
of FIG. 19;

FIG. 21 is a front elevational view of the electrical connector  
of FIG. 19;

FIG. 22 is a cross-sectional view of the electrical connector  
of FIG. 19 along the line 22-22 of FIG. 21;

FIG. 23 is a rear elevational view of the electrical connector  
of FIG. 19;

(Continued)

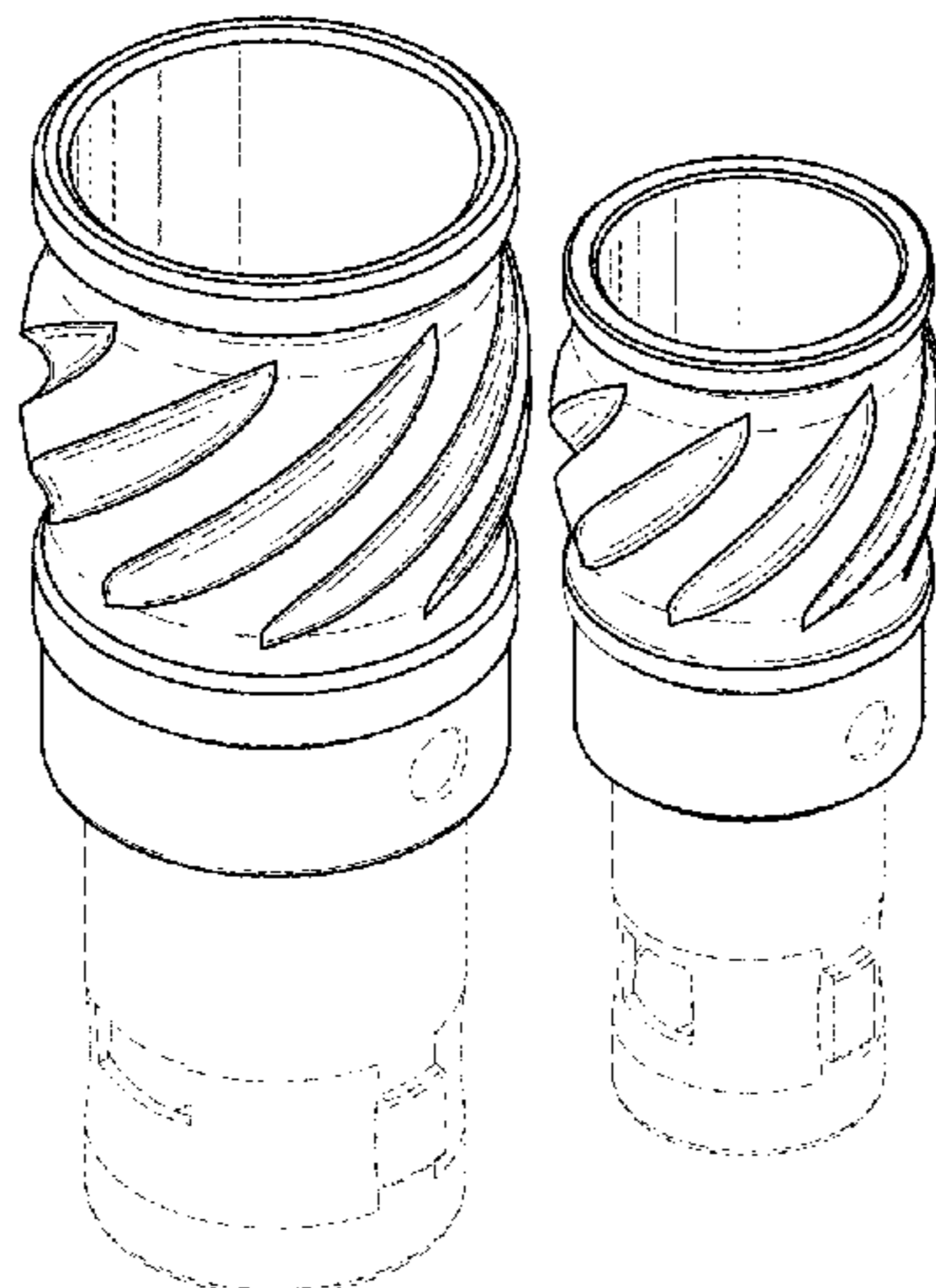


FIG. 24 is a left-side elevational view of the electrical connector of FIG. 19;  
 FIG. 25 is a right-side elevational view of the electrical connector of FIG. 19;  
 FIG. 26 is a top plan view of the electrical connector of FIG. 19;  
 FIG. 27 is a bottom plan view of the electrical connector of FIG. 19;  
 FIG. 28 is a front perspective view of an electrical connector;  
 FIG. 29 is a rear perspective view of the electrical connector of FIG. 28;  
 FIG. 30 is a front elevational view of the electrical connector of FIG. 28;  
 FIG. 31 is a cross-sectional view of the electrical connector of FIG. 28 along the line 31-31 of FIG. 30;  
 FIG. 32 is a rear elevational view of the electrical connector of FIG. 28;  
 FIG. 33 is a left-side elevational view of the electrical connector of FIG. 28;  
 FIG. 34 is a right-side elevational view of the electrical connector of FIG. 28;  
 FIG. 35 is a top plan view of the electrical connector of FIG. 28; and,  
 FIG. 36 is a bottom plan view of the electrical connector of FIG. 28.  
 The broken lines in the drawings illustrate portions of the electrical connector that form no part of the claimed design.

**1 Claim, 28 Drawing Sheets**

(58) **Field of Classification Search**  
 CPC ..... H01R 12/00; H01R 12/71; H01R 12/712;

H01R 13/50; H01R 13/516; H01R 13/52;  
 H01R 13/631; H01R 13/64; H01R  
 13/6461; H01R 13/648; H01R 13/6581;  
 H01R 24/06; H01R 24/60; H01R 24/70;  
 H01R 4/18; H01R 4/48; H01R 9/05;  
 H01R 9/24; H01R 13/00; H01R 13/03;  
 H01R 13/04; H01R 13/11; H01R 13/115;  
 H01R 13/422; H01R 13/428; H01R  
 13/642; H01R 43/16; H01R 43/46

See application file for complete search history.

(56)

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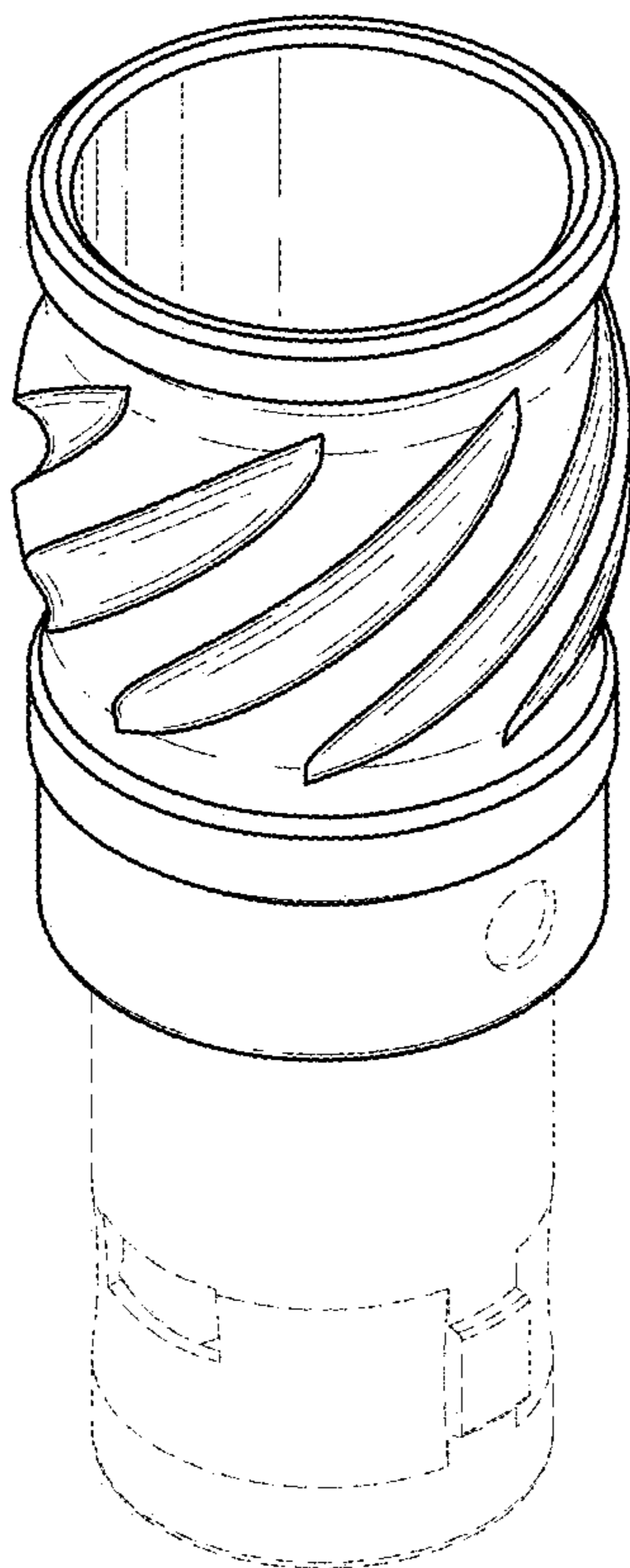


FIG. 1

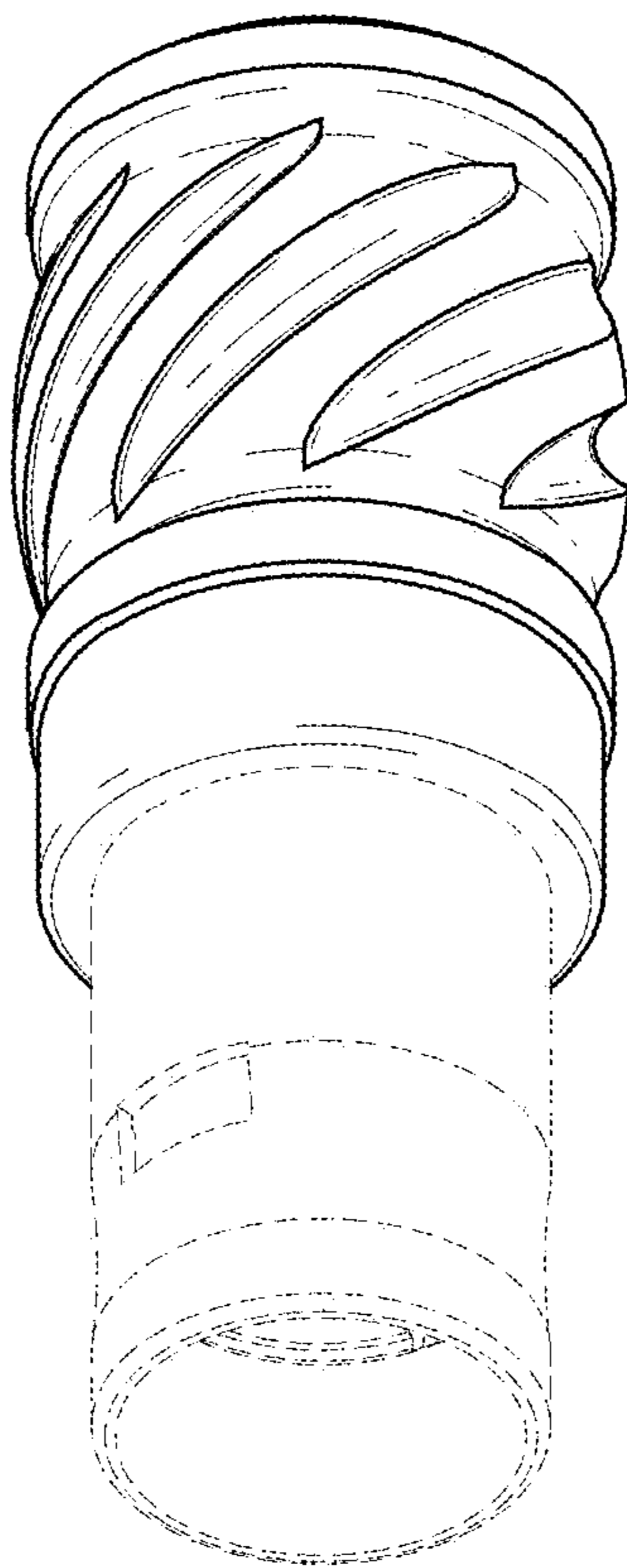


FIG. 2

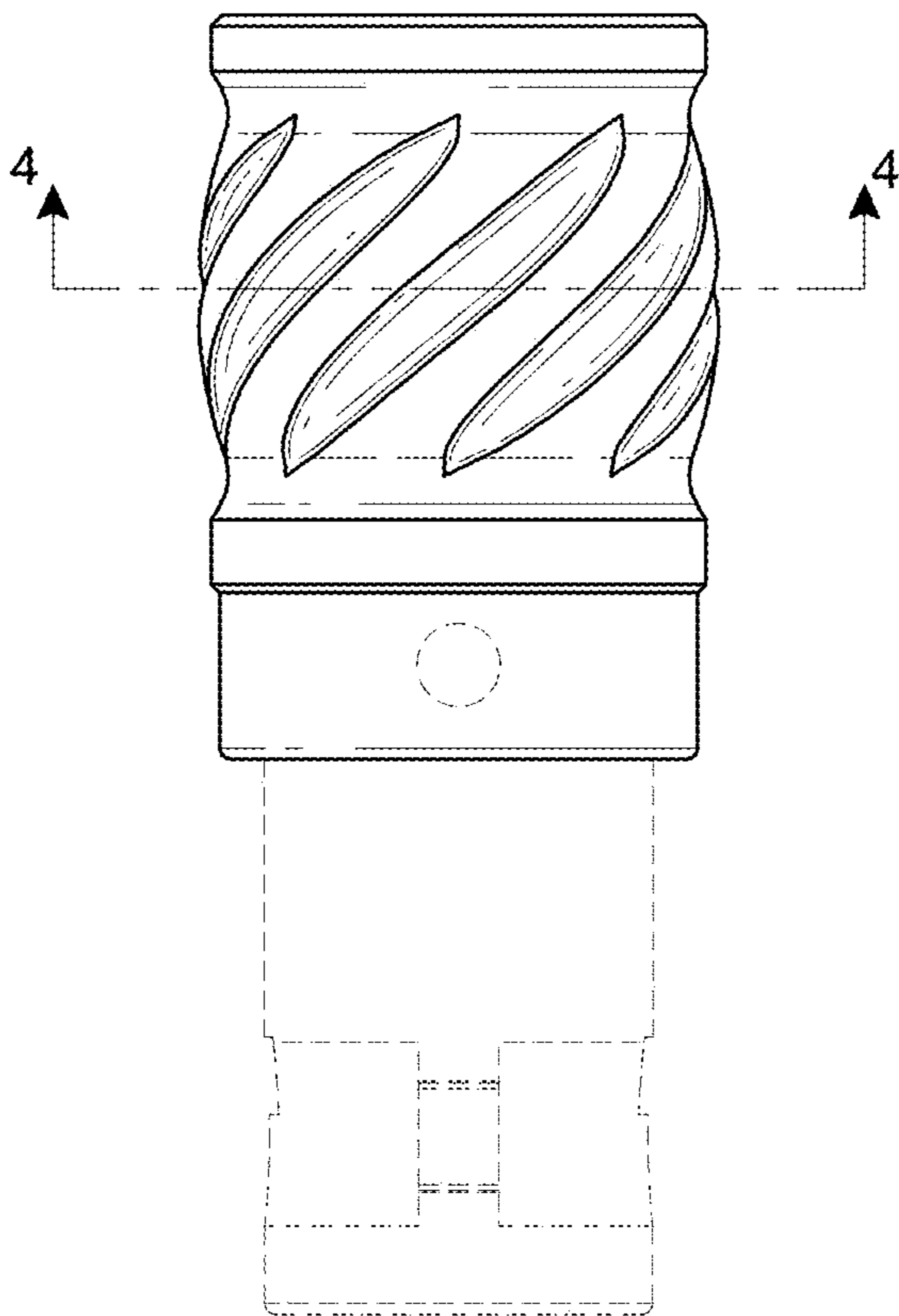


FIG. 3

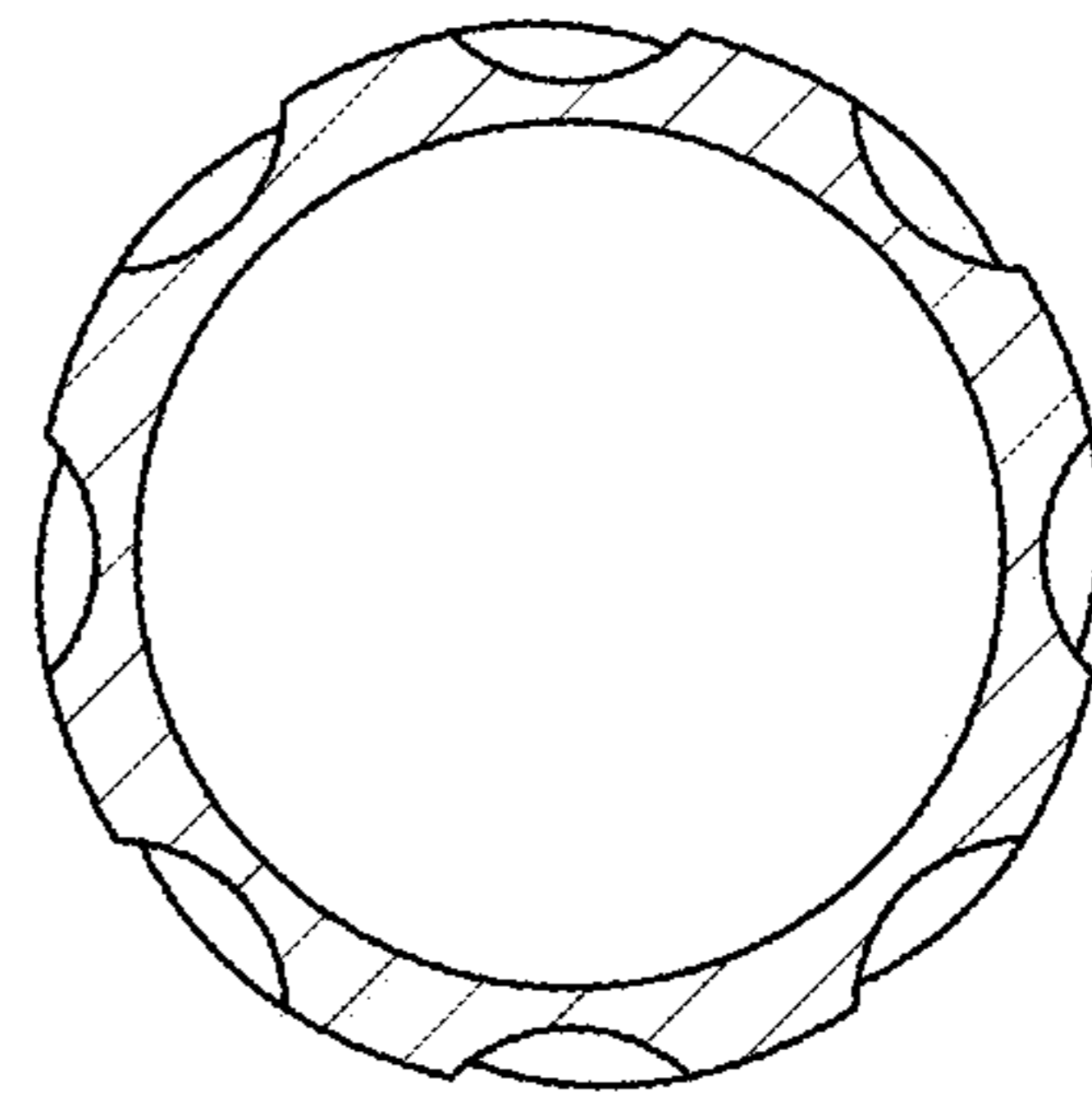


FIG. 4

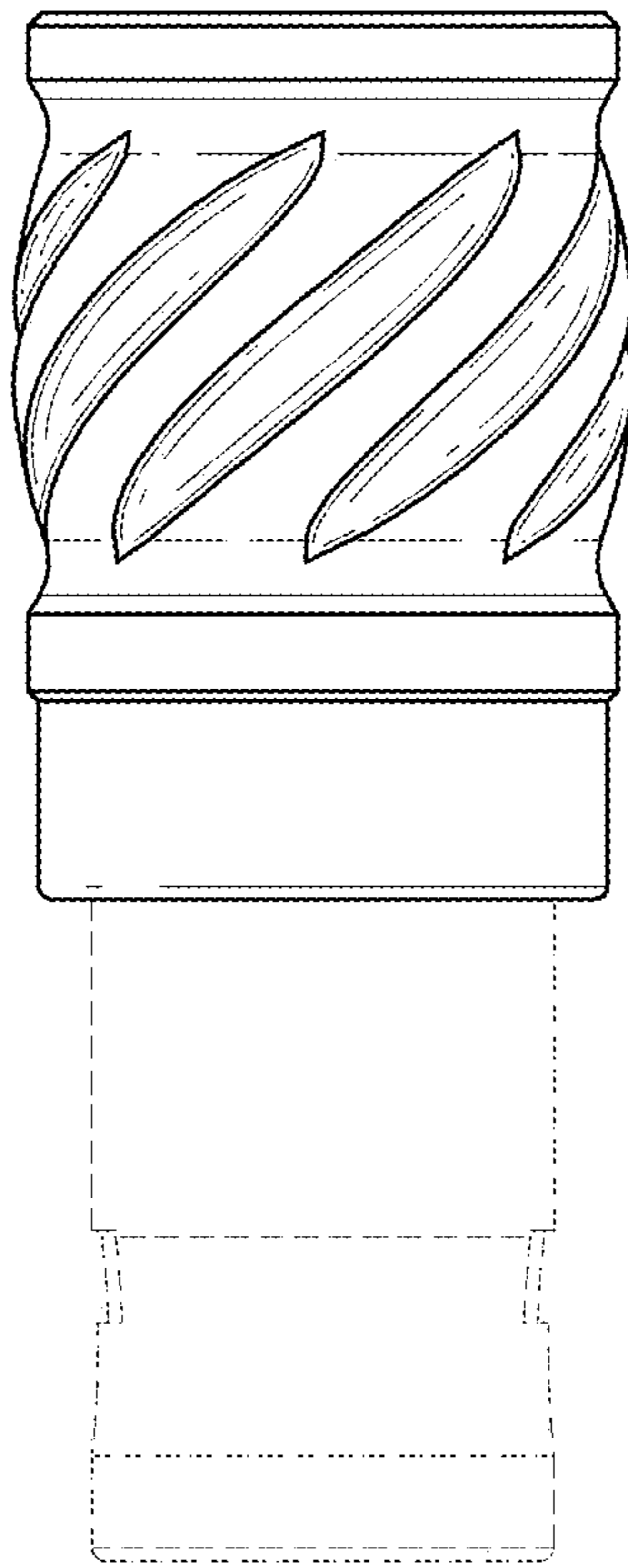


FIG. 5

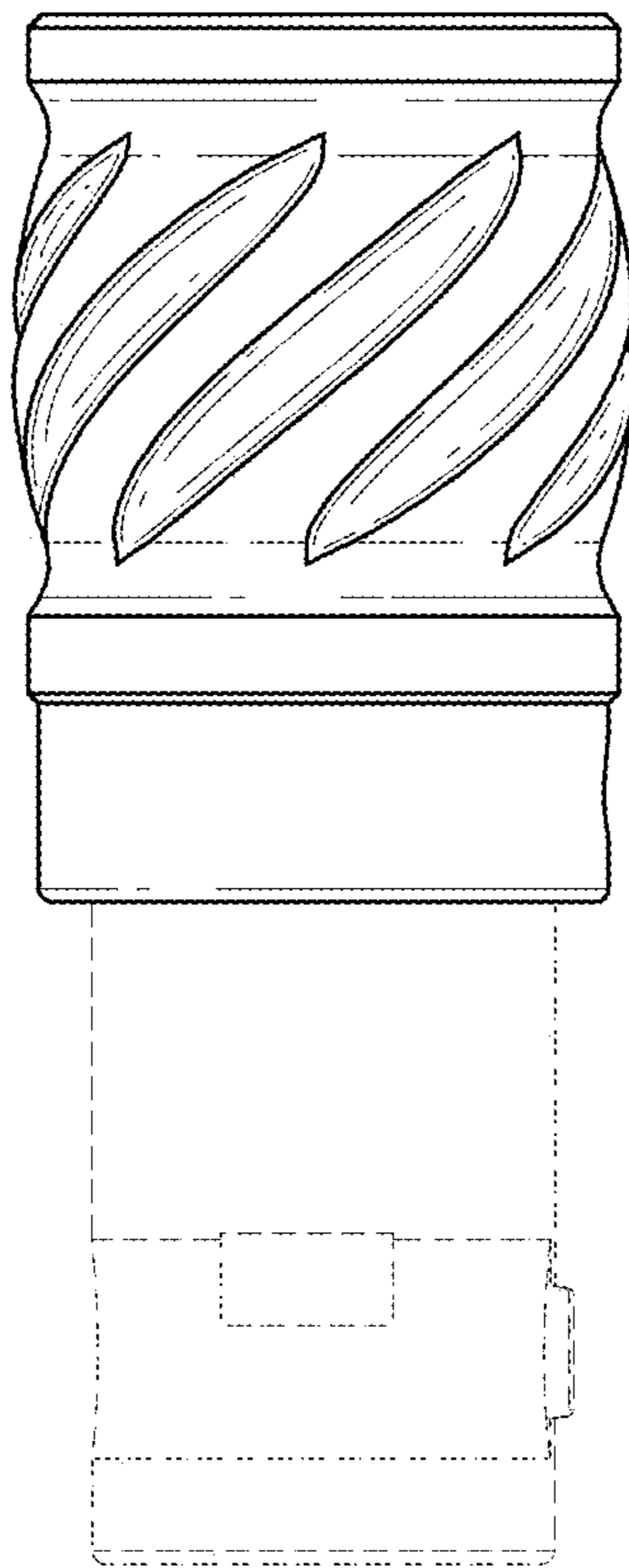


FIG. 6

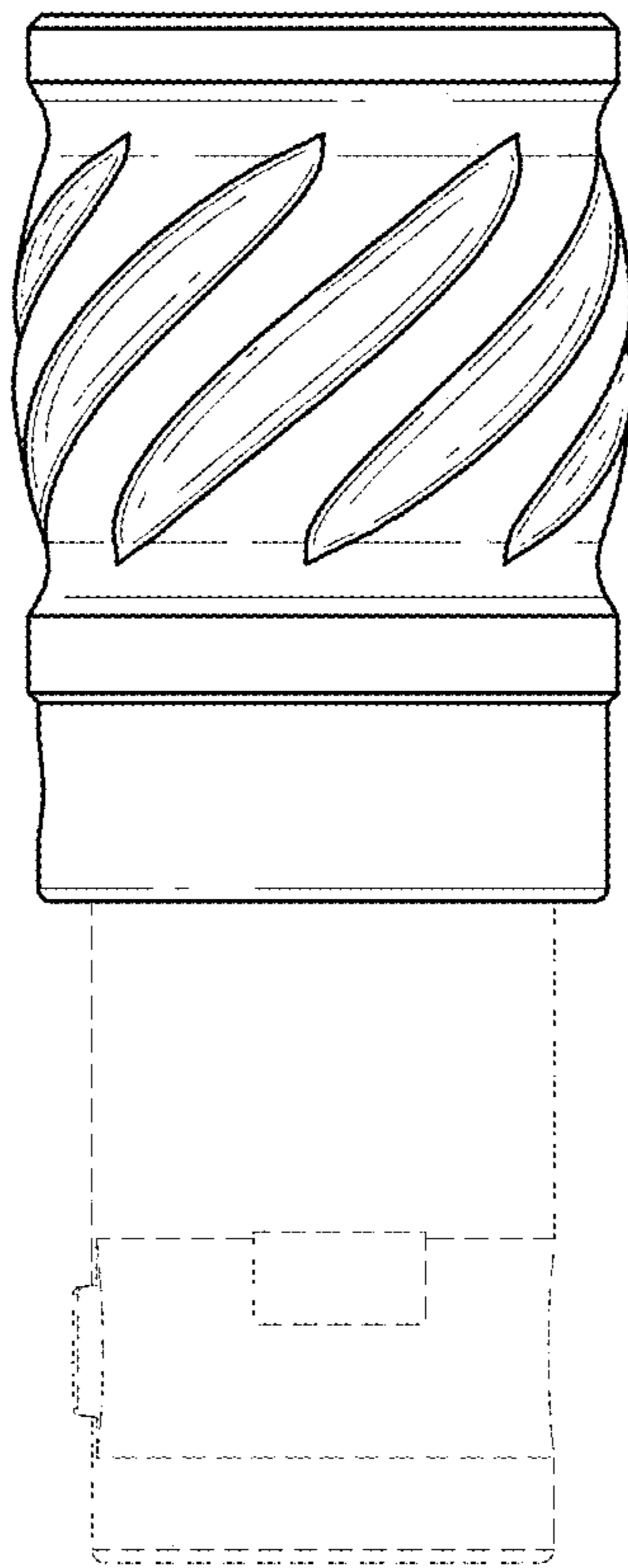
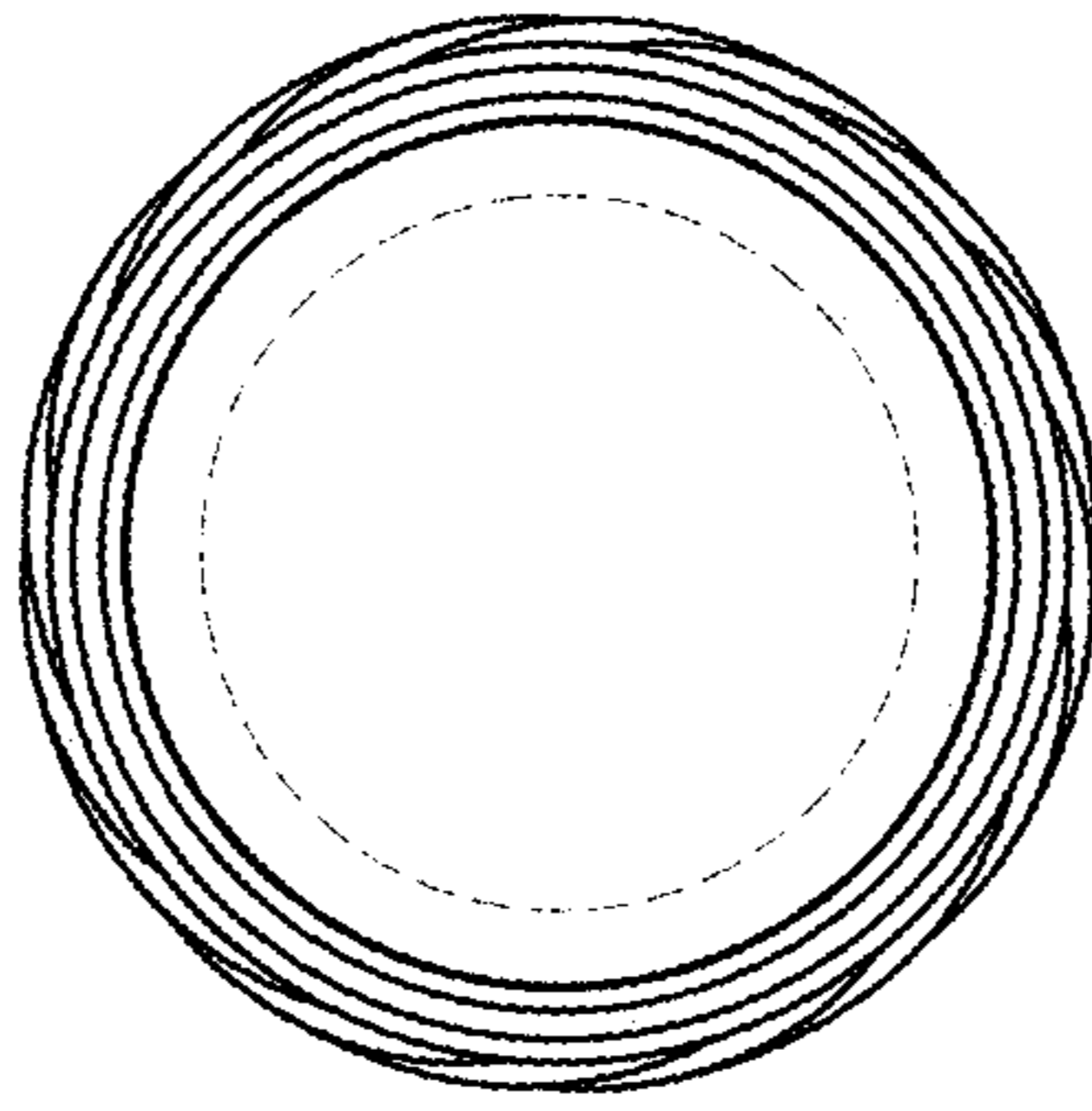
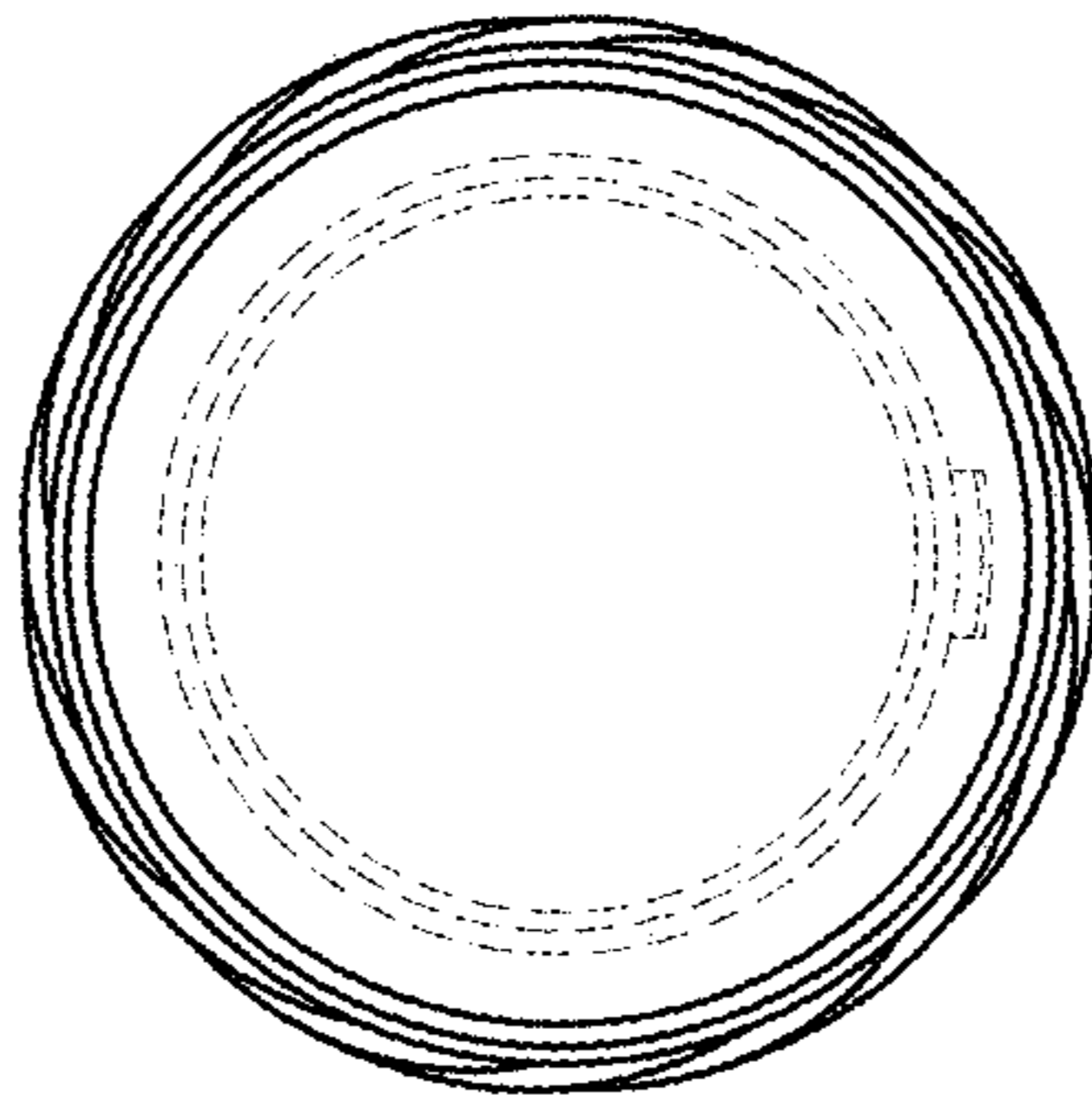


FIG. 7





*FIG. 8*



*FIG. 9*

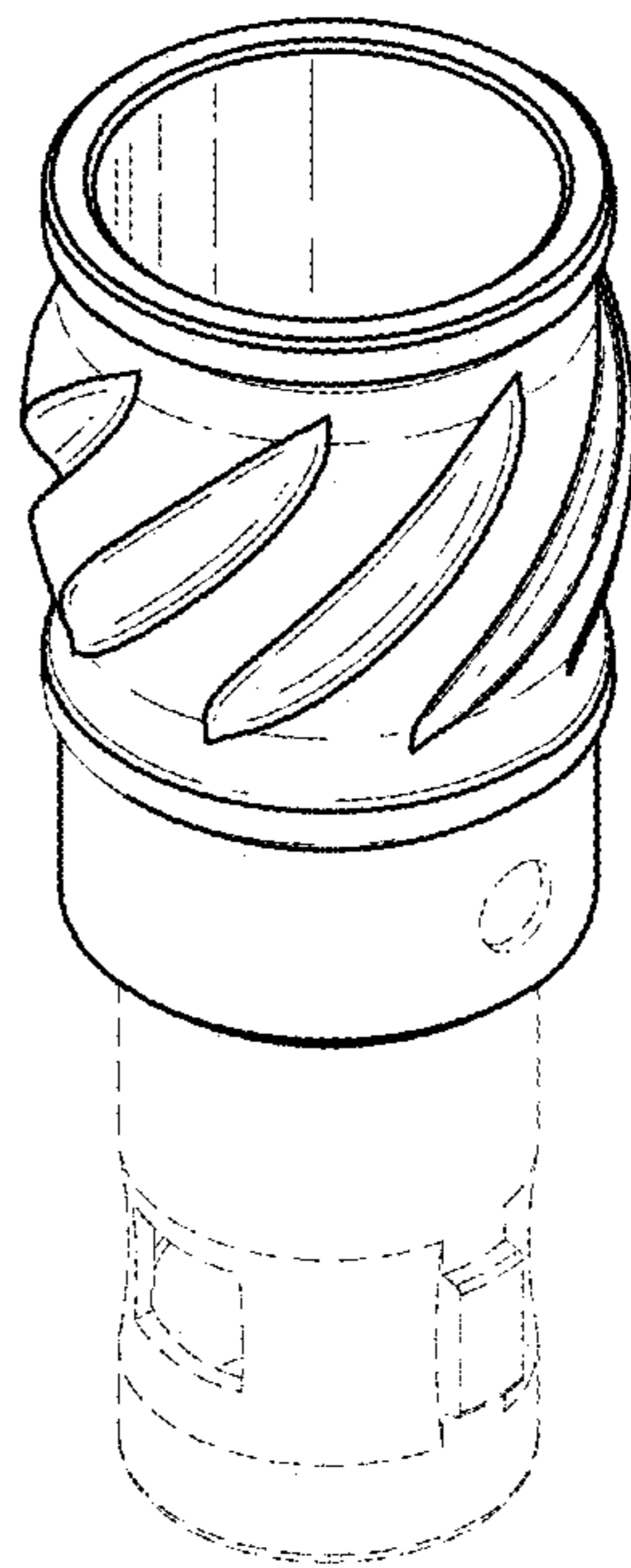


FIG. 10

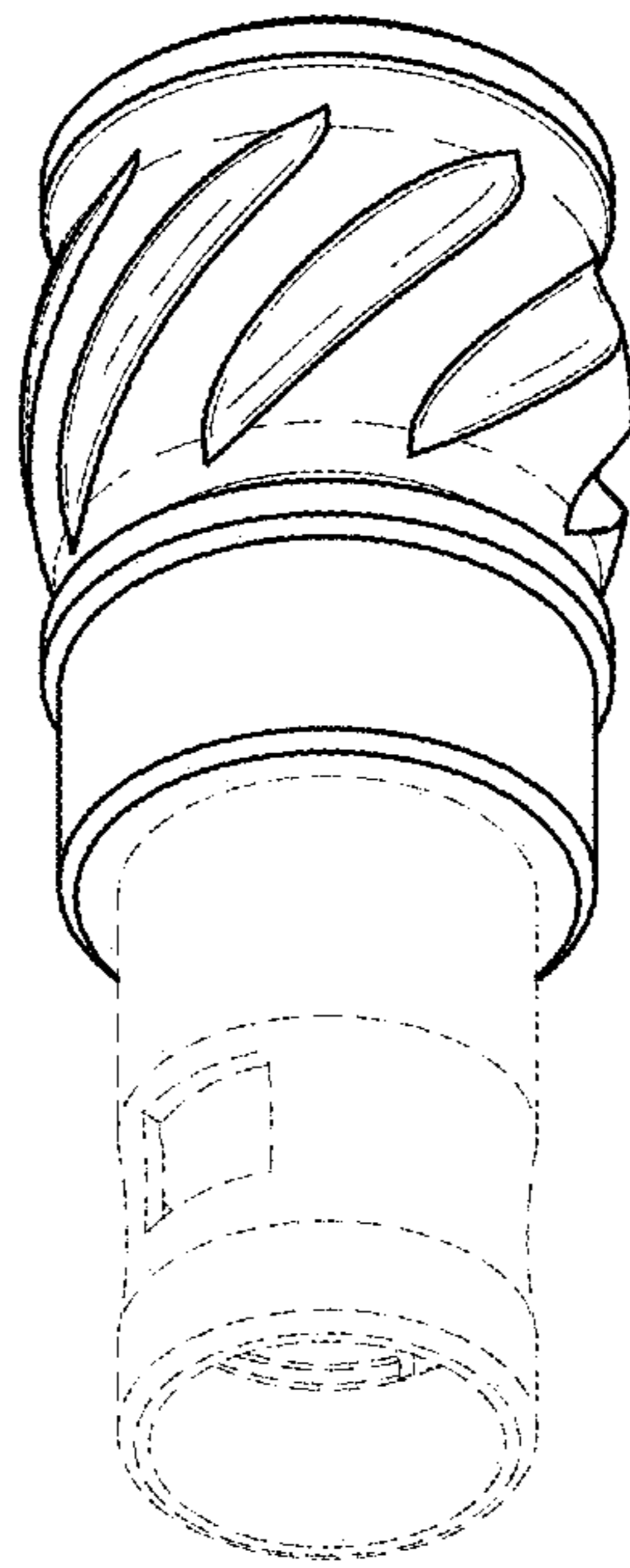


FIG. 11

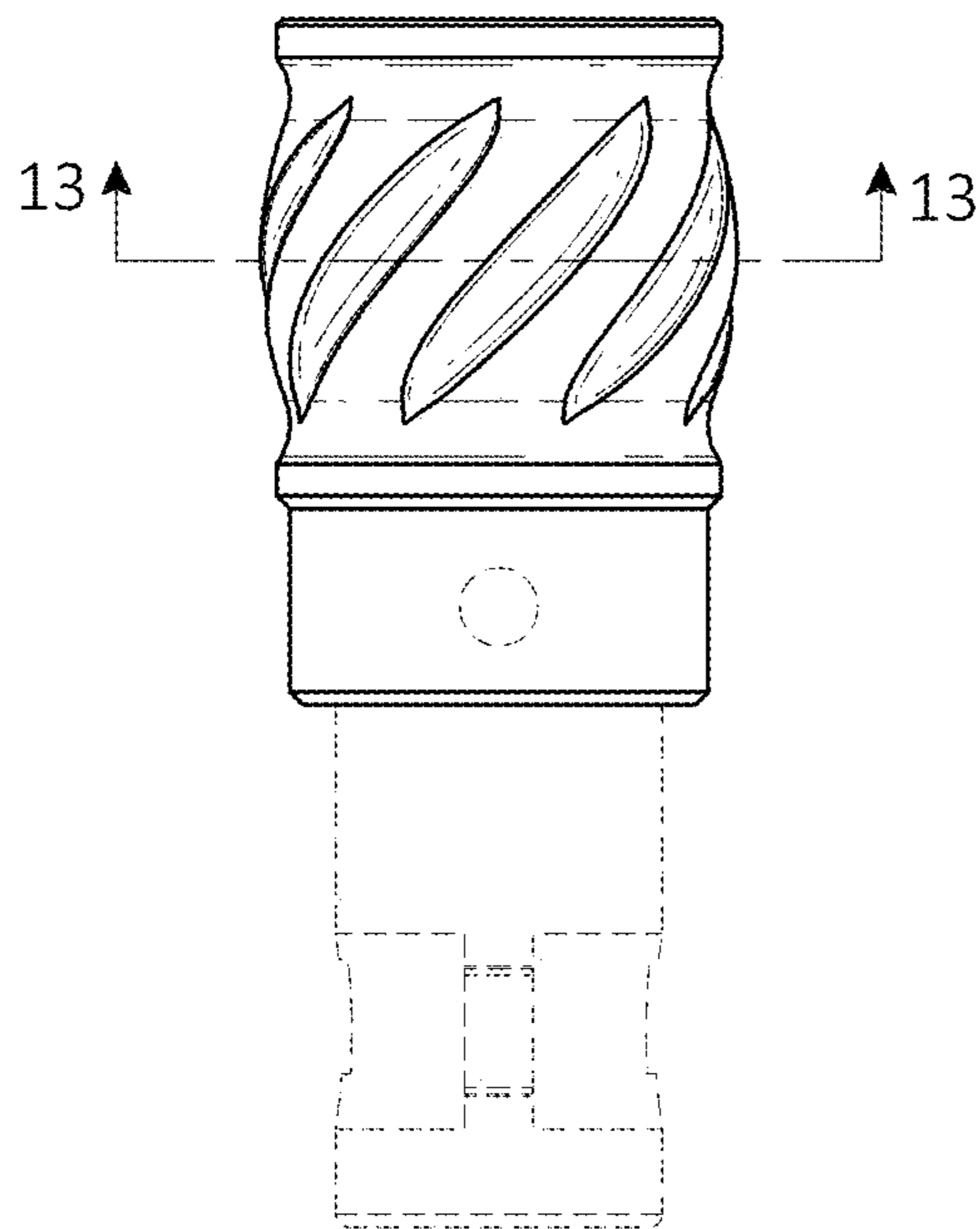


FIG. 12

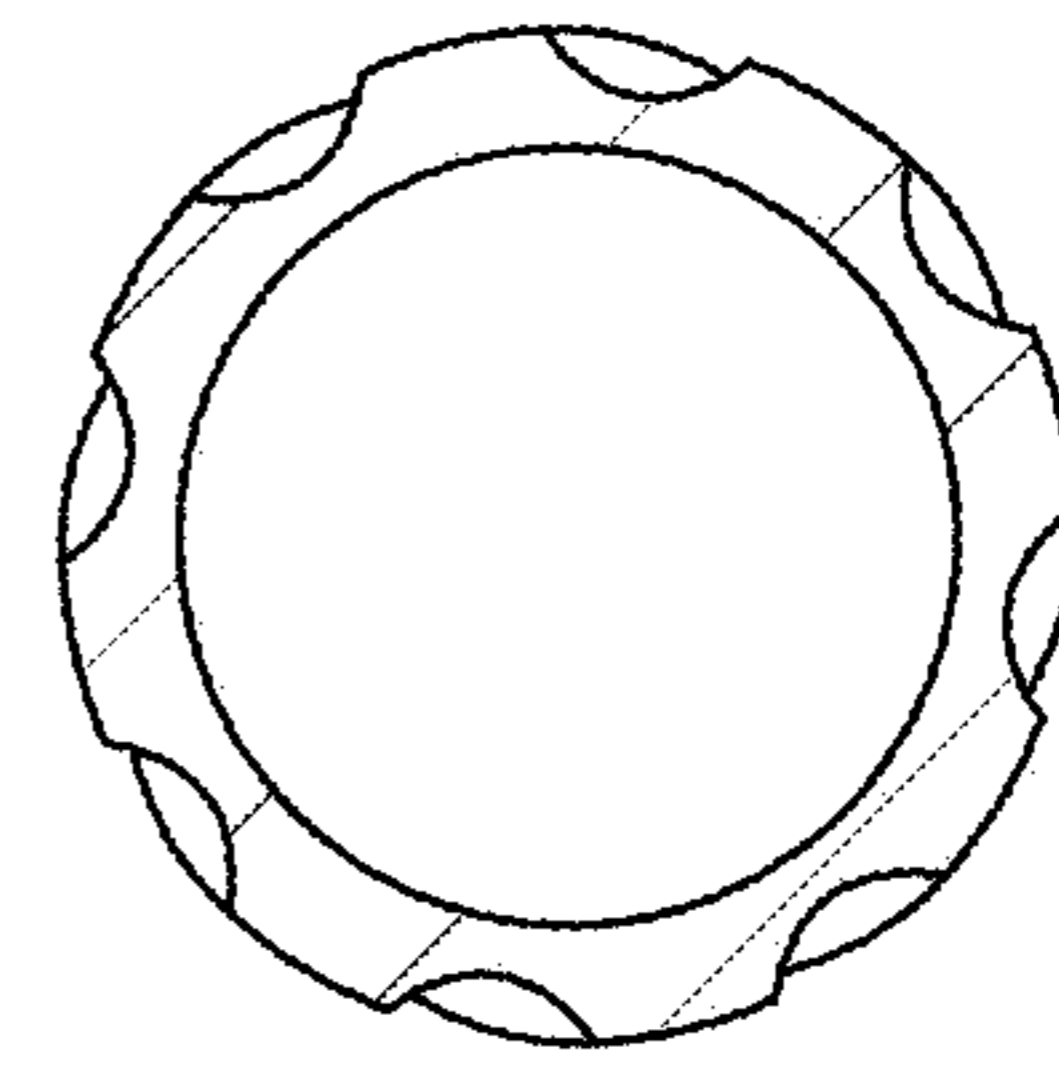


FIG. 13

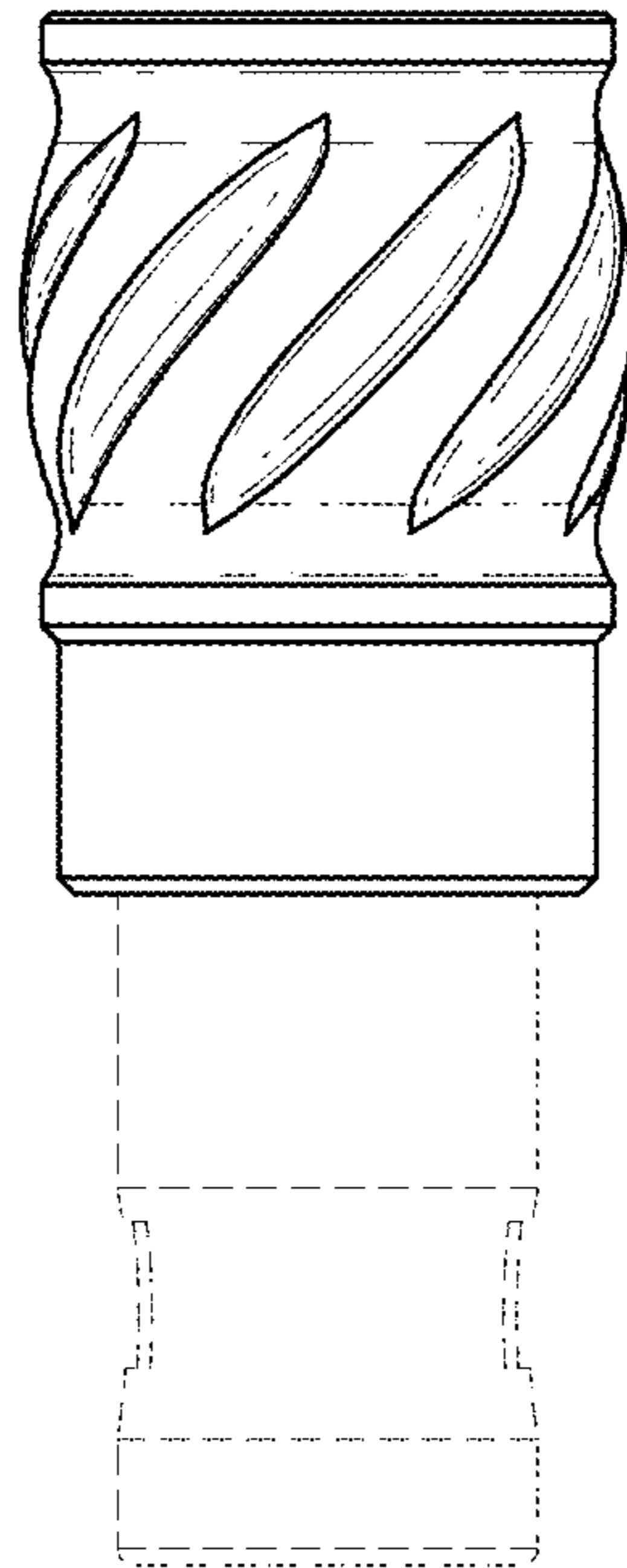


FIG. 14

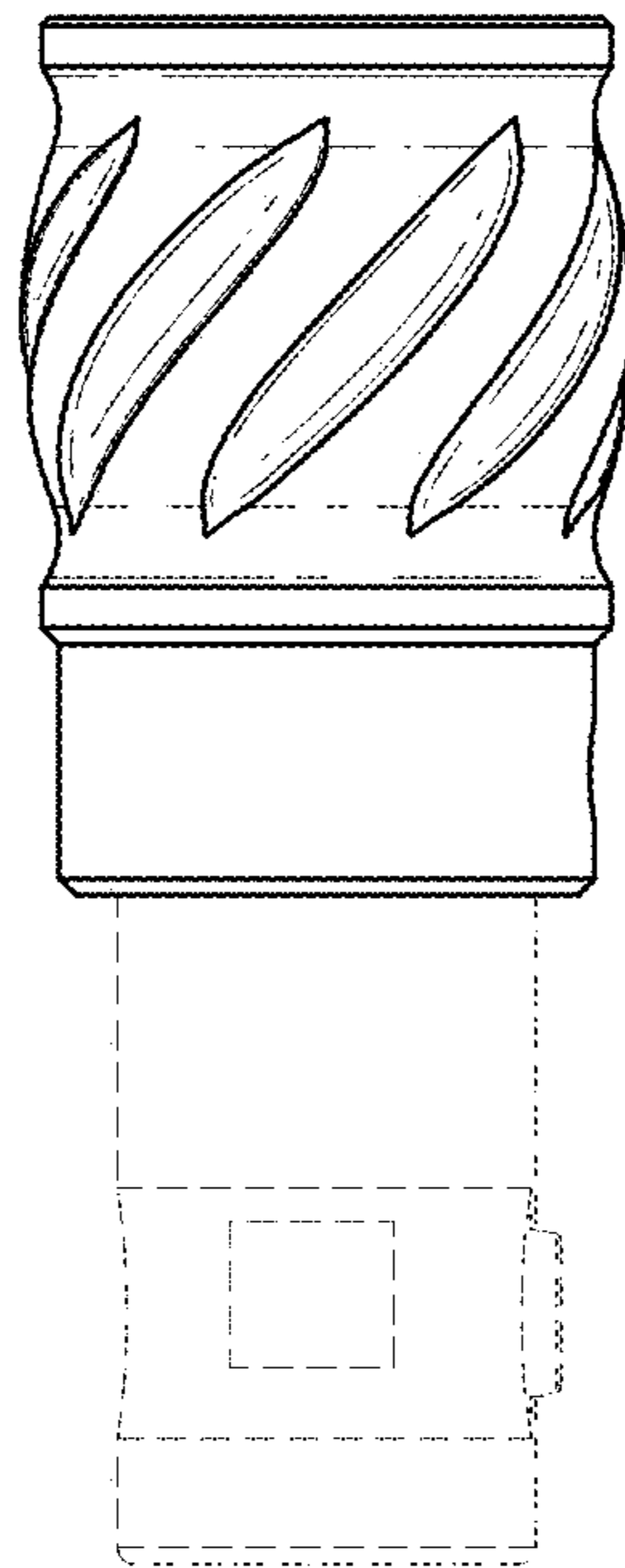


FIG. 15

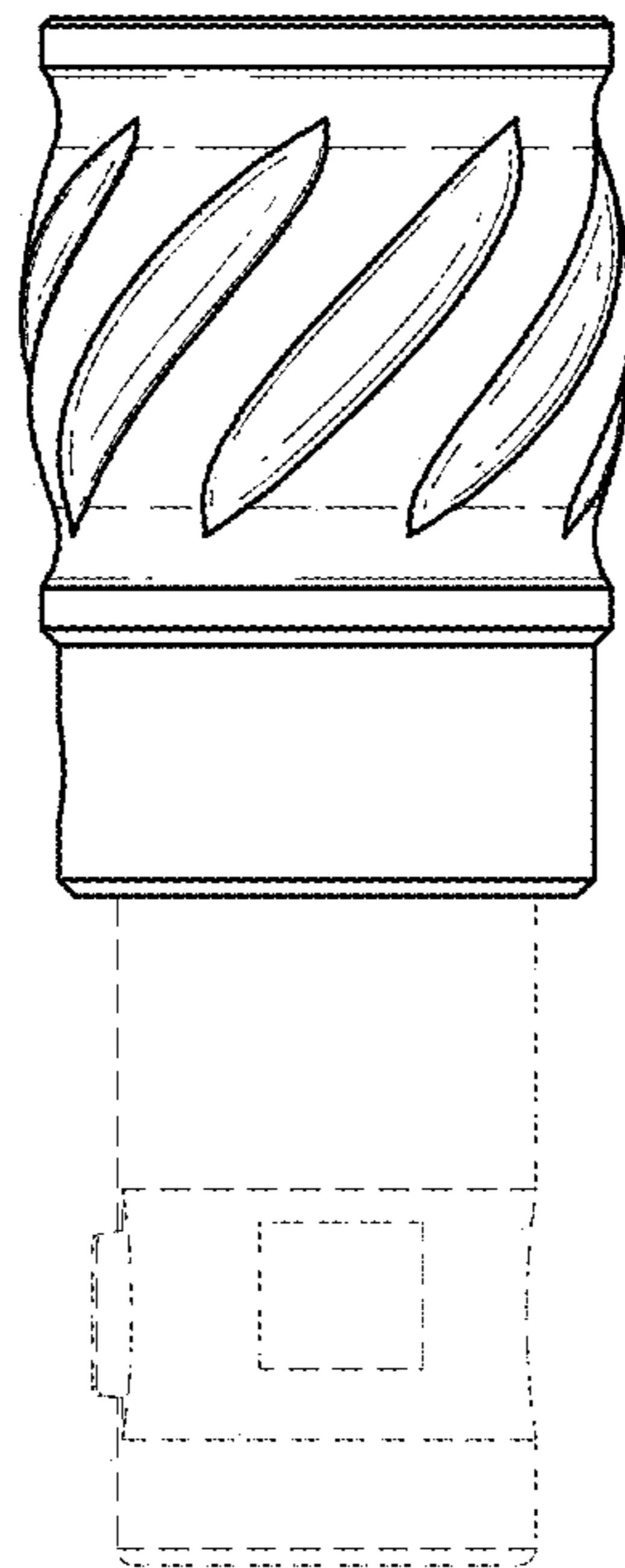
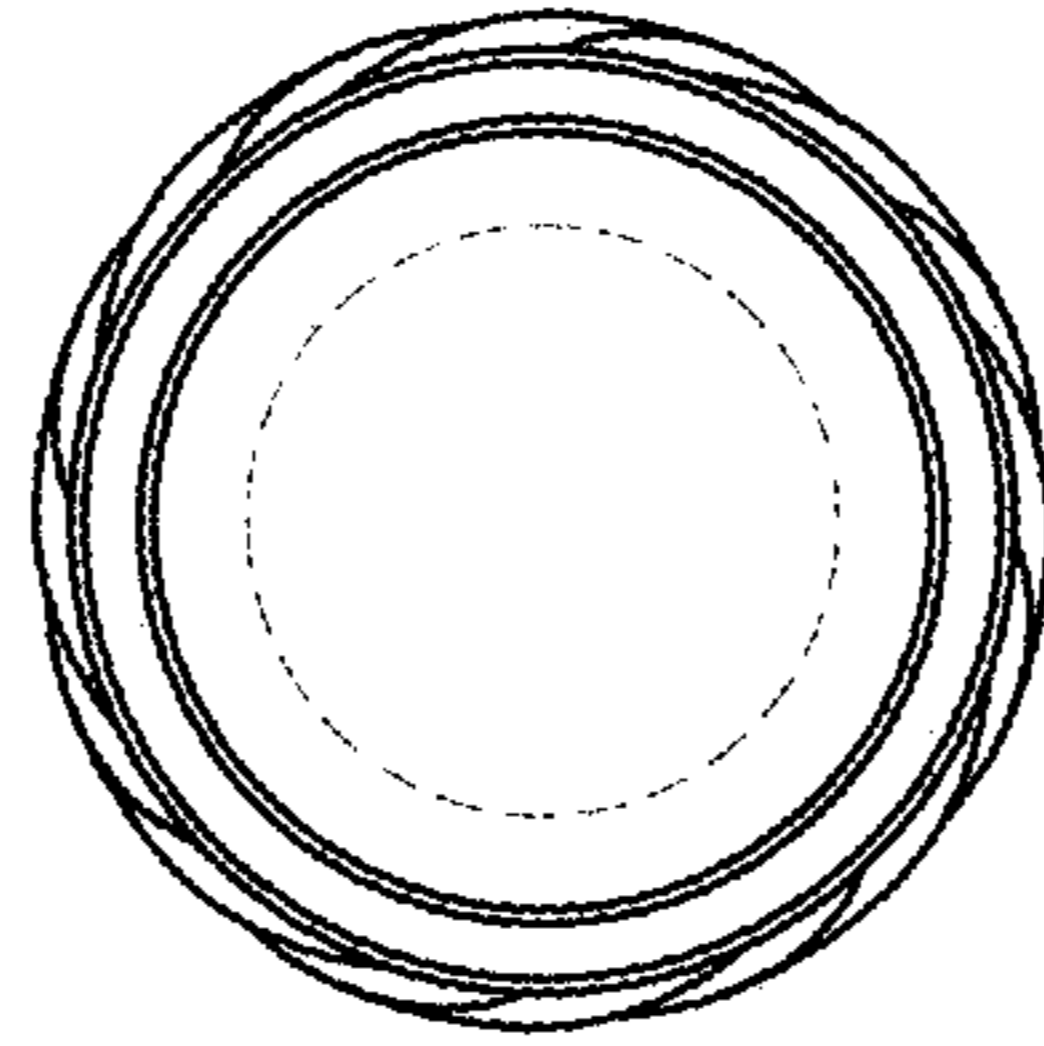
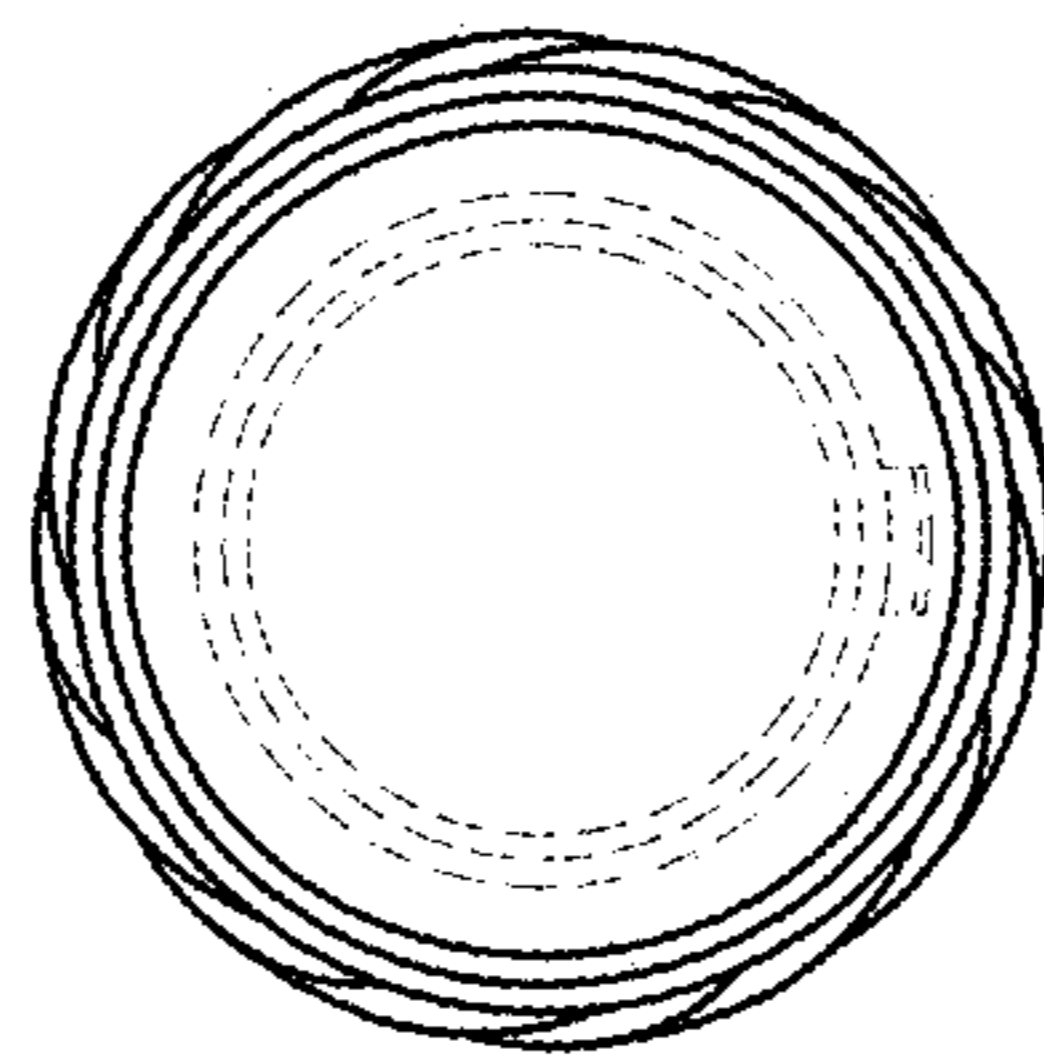


FIG. 16



*FIG. 17*



*FIG. 18*



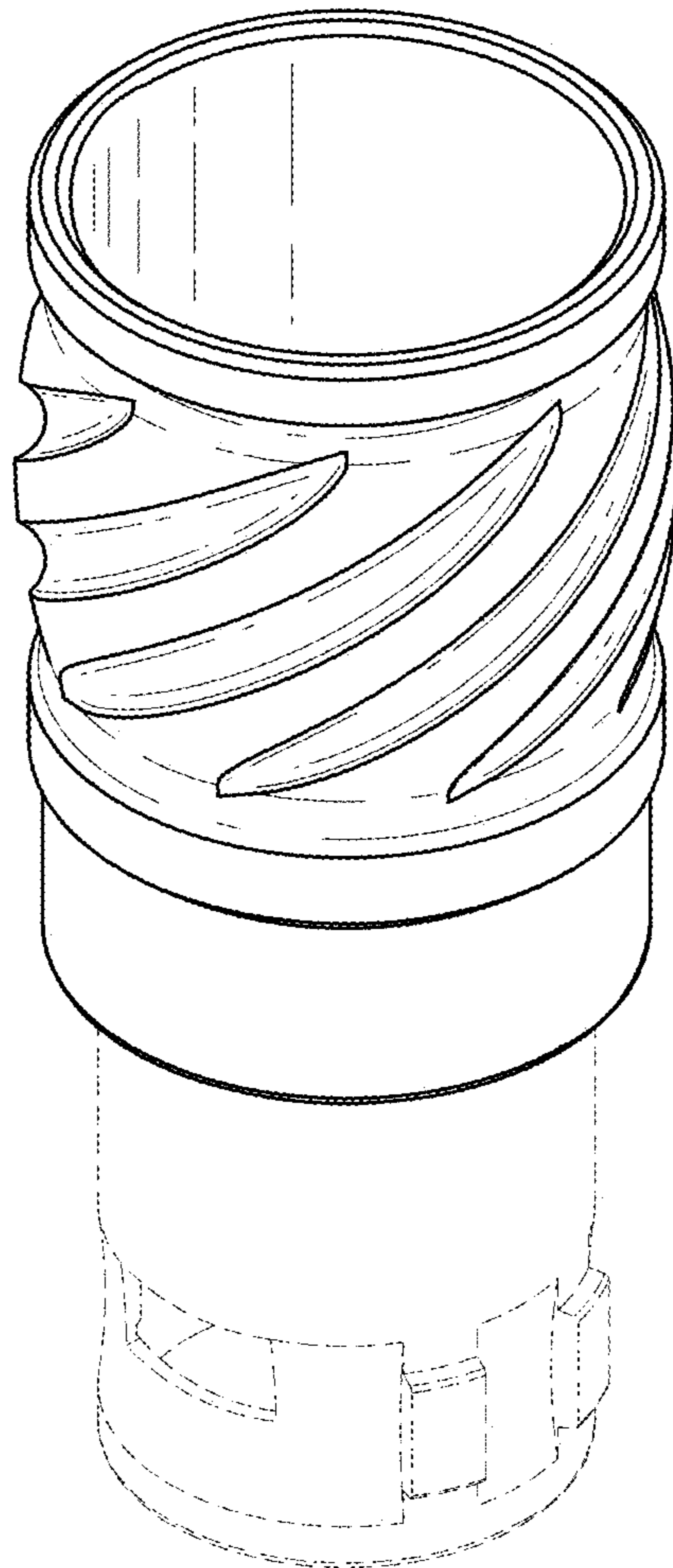


FIG. 19

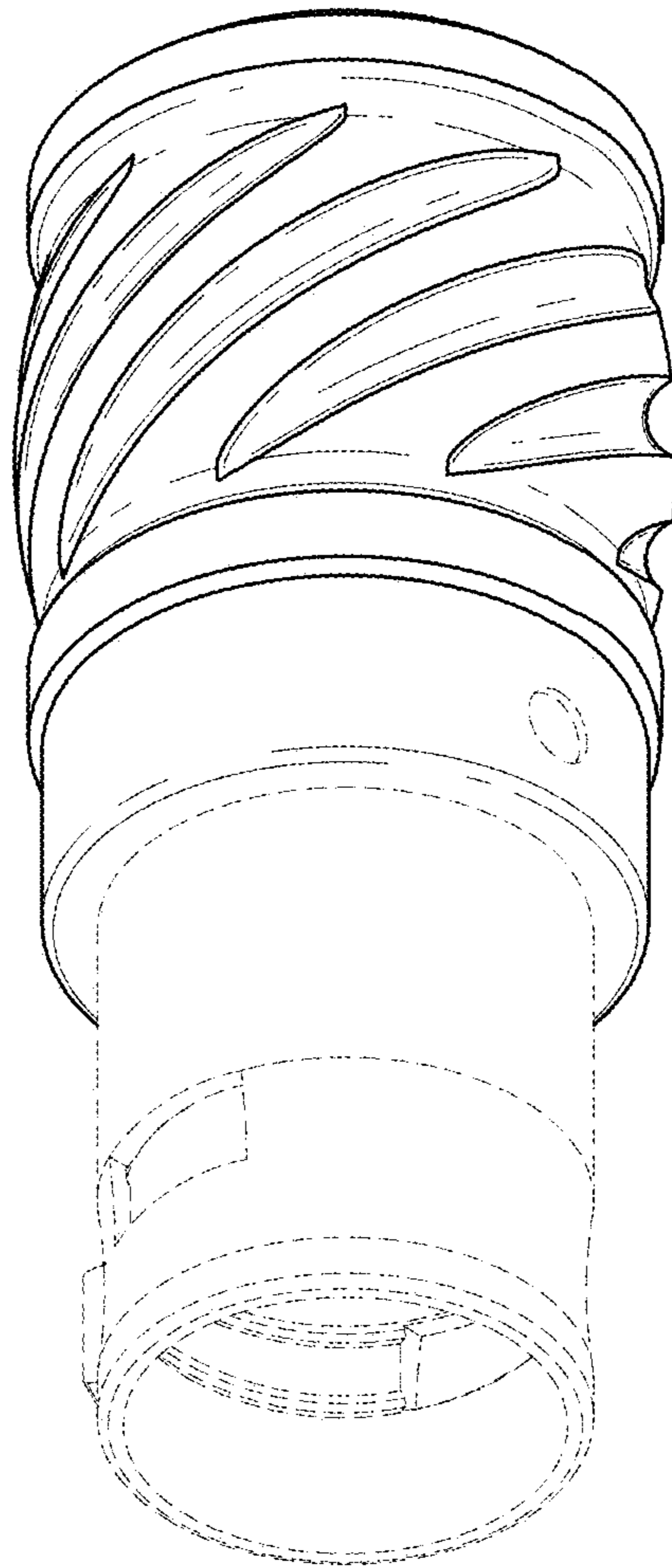


FIG. 20

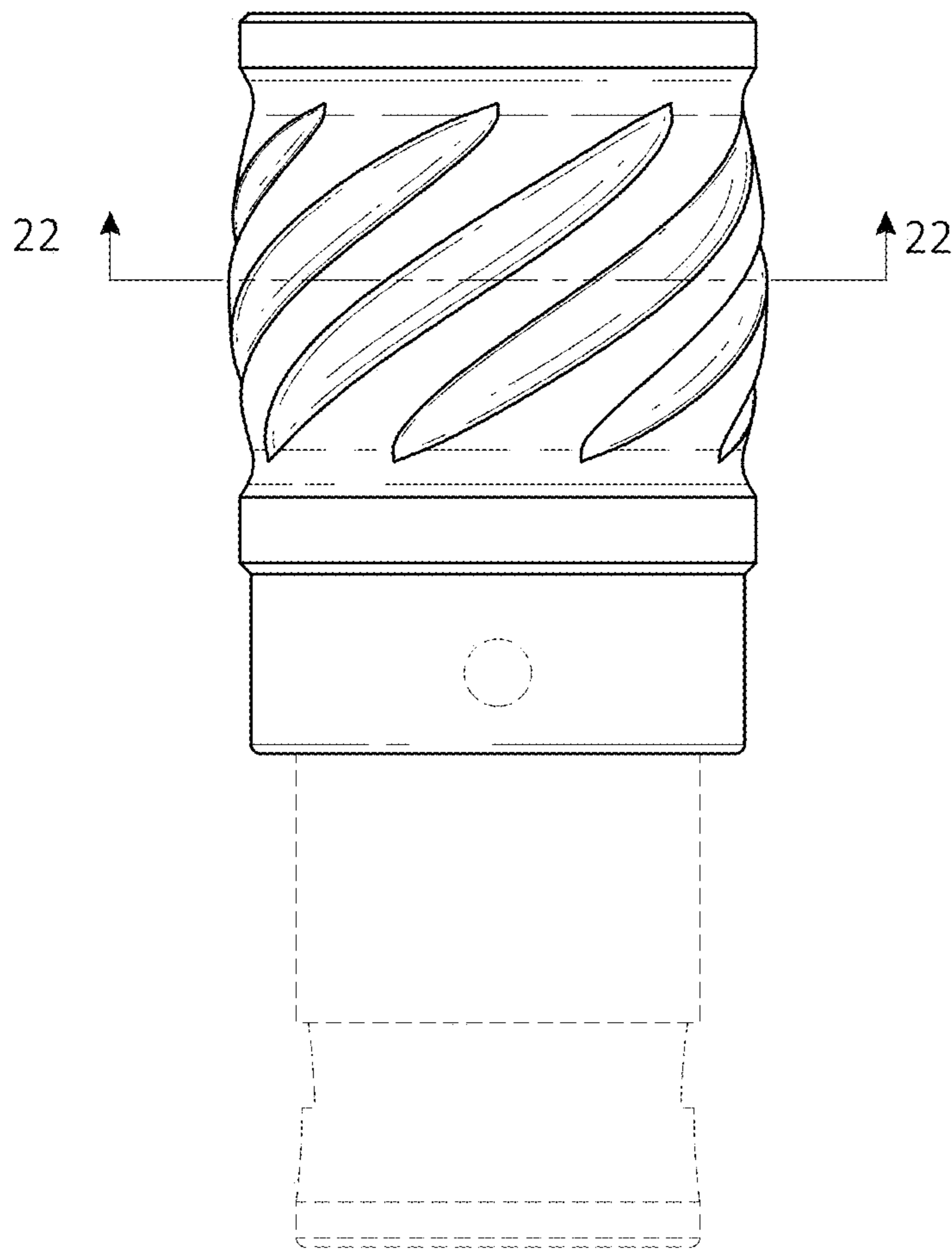


FIG. 21

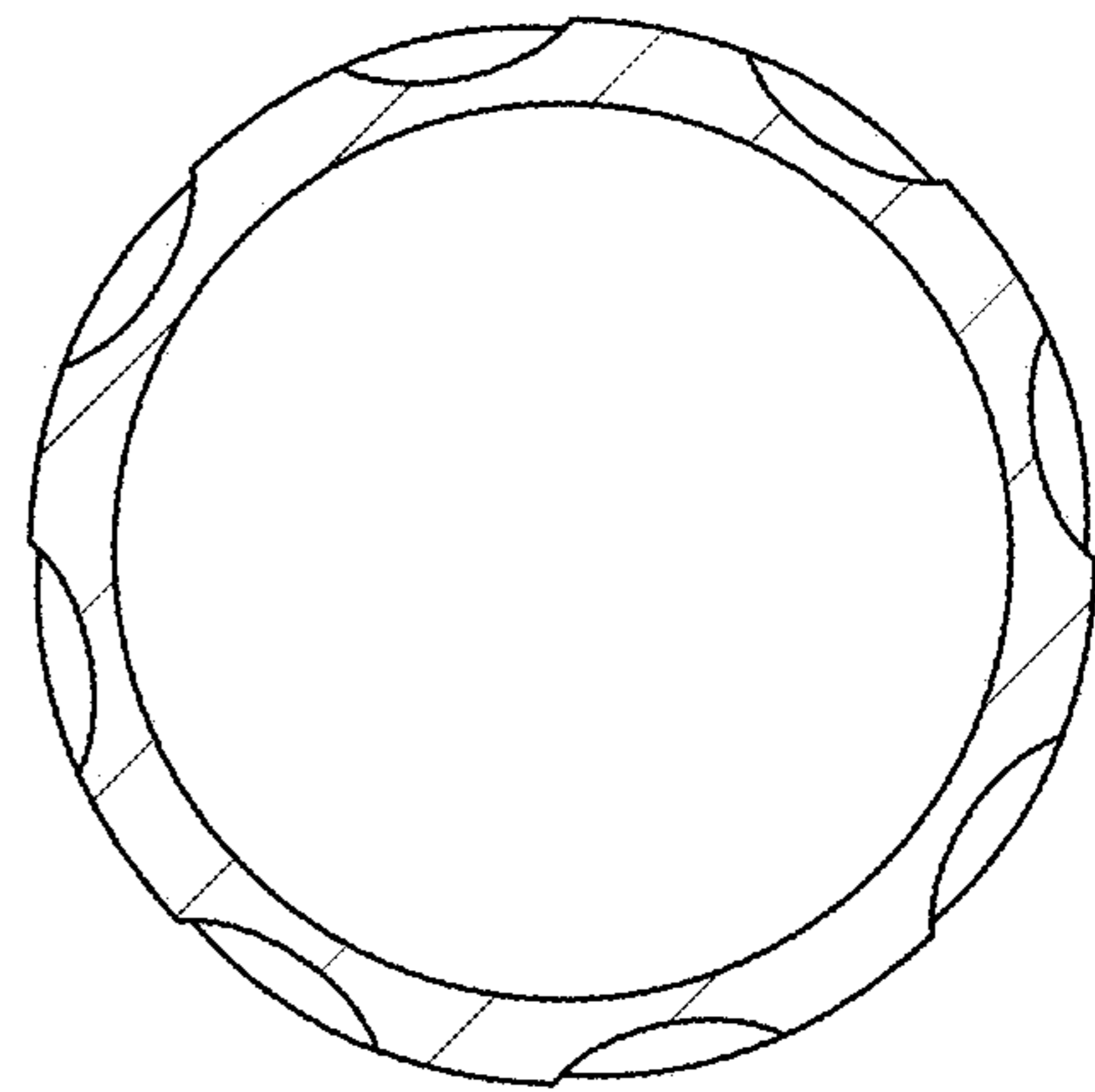


FIG. 22

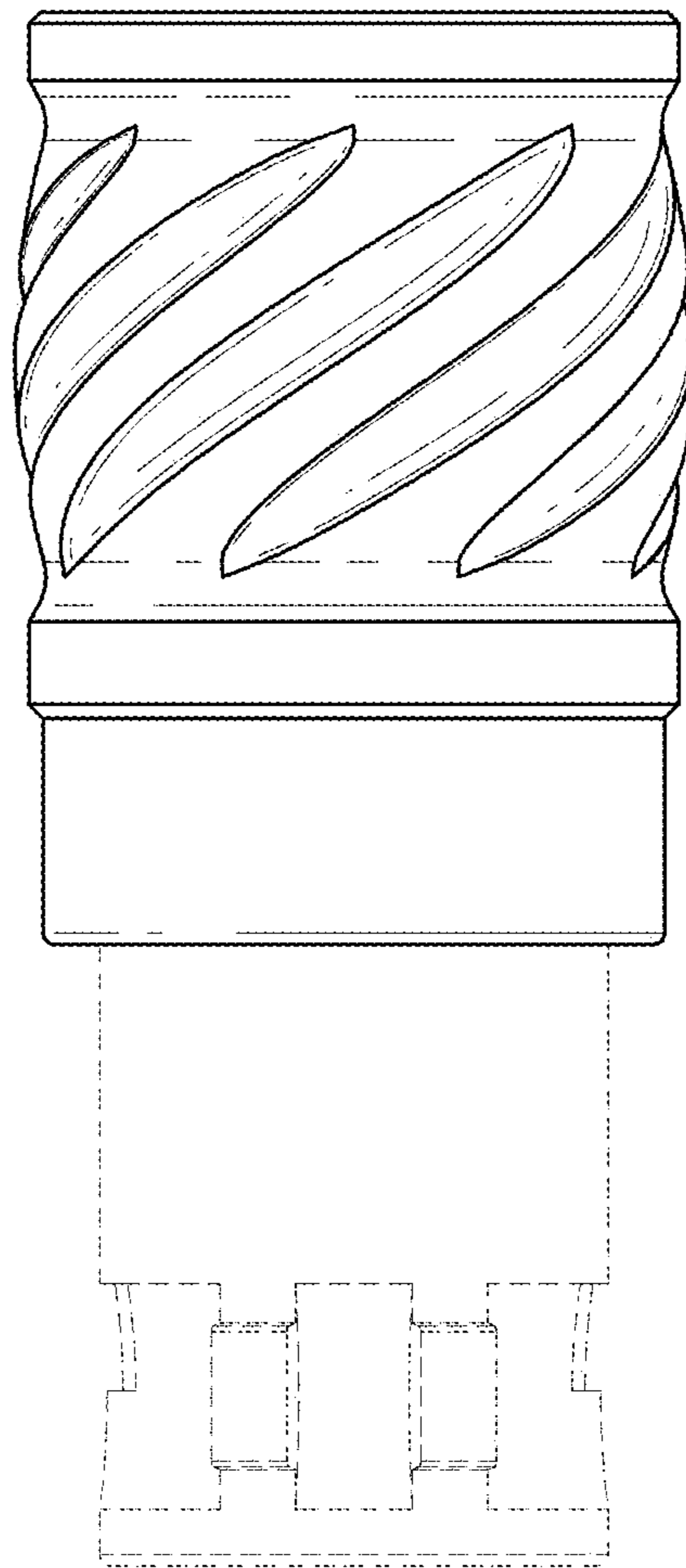


FIG. 23

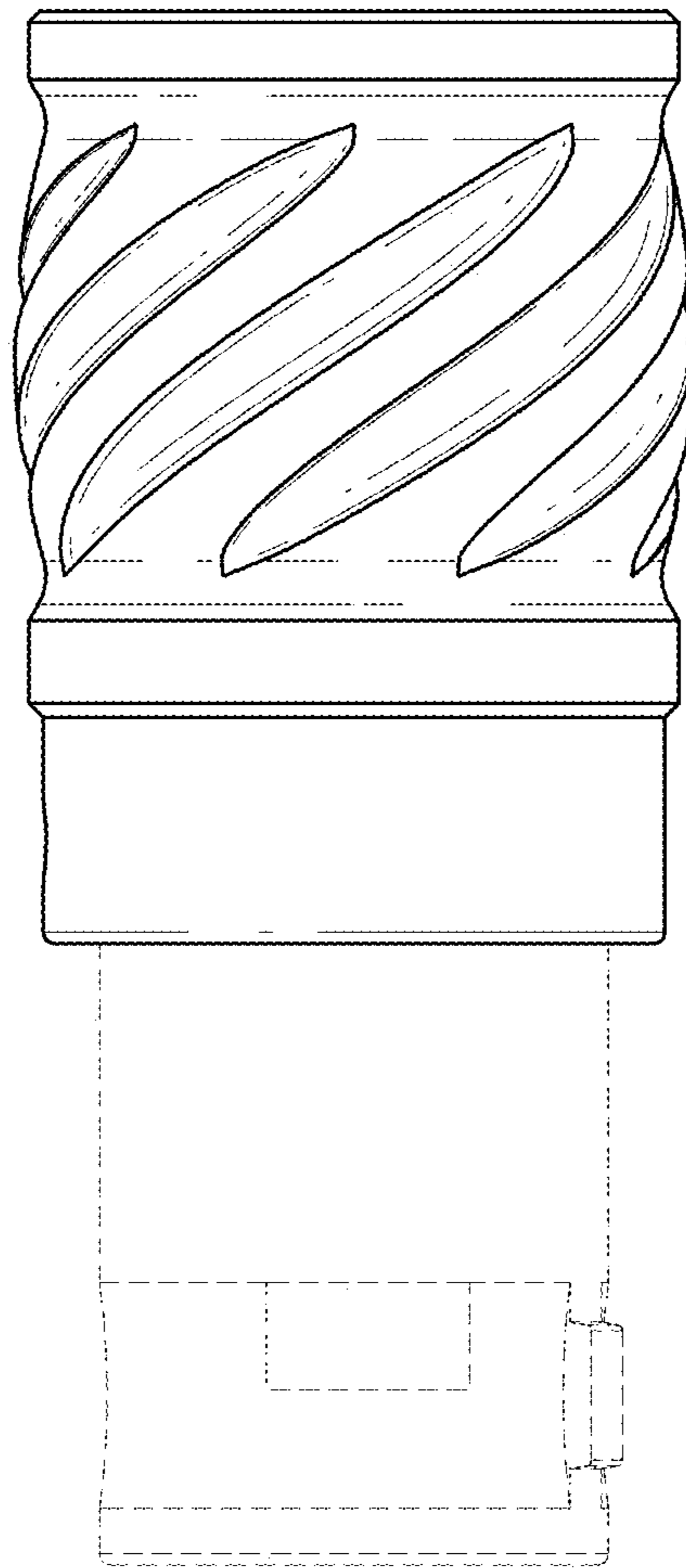


FIG. 24

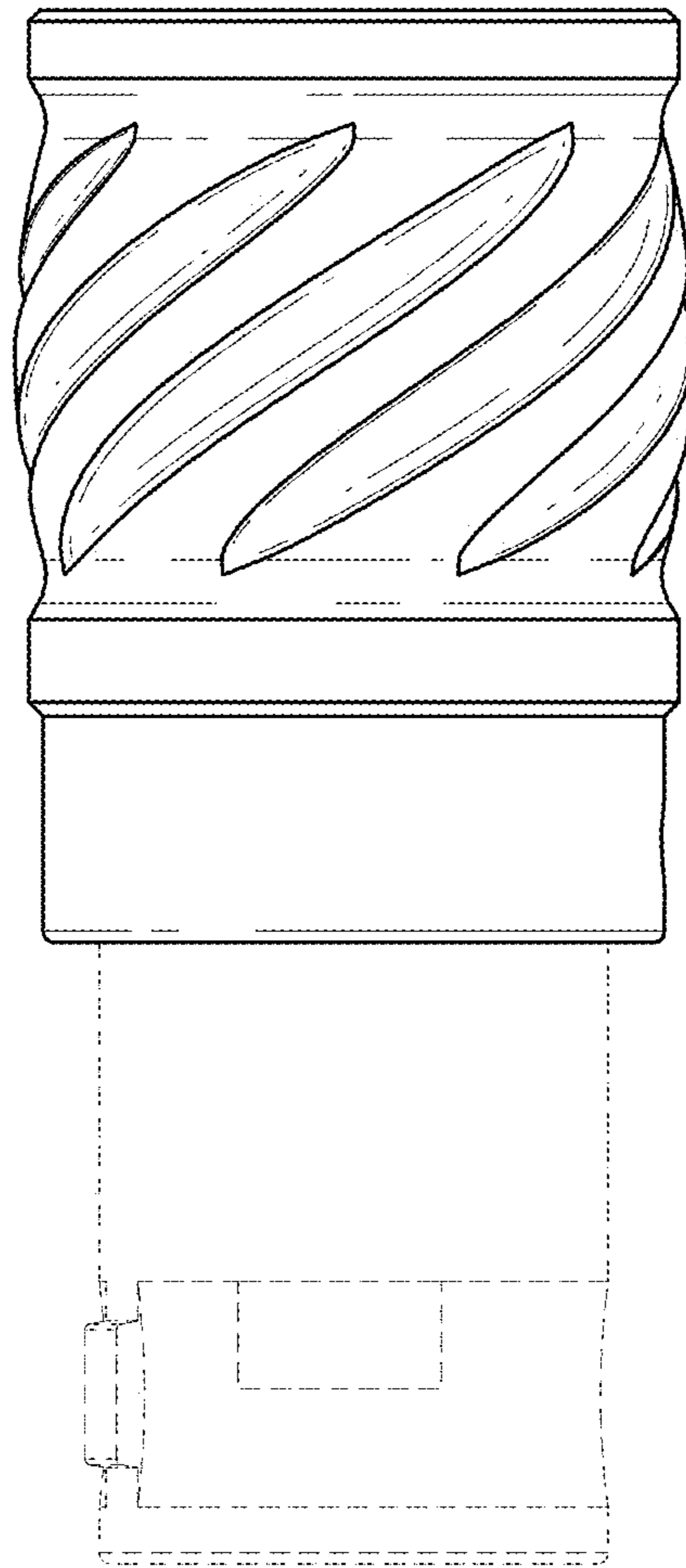
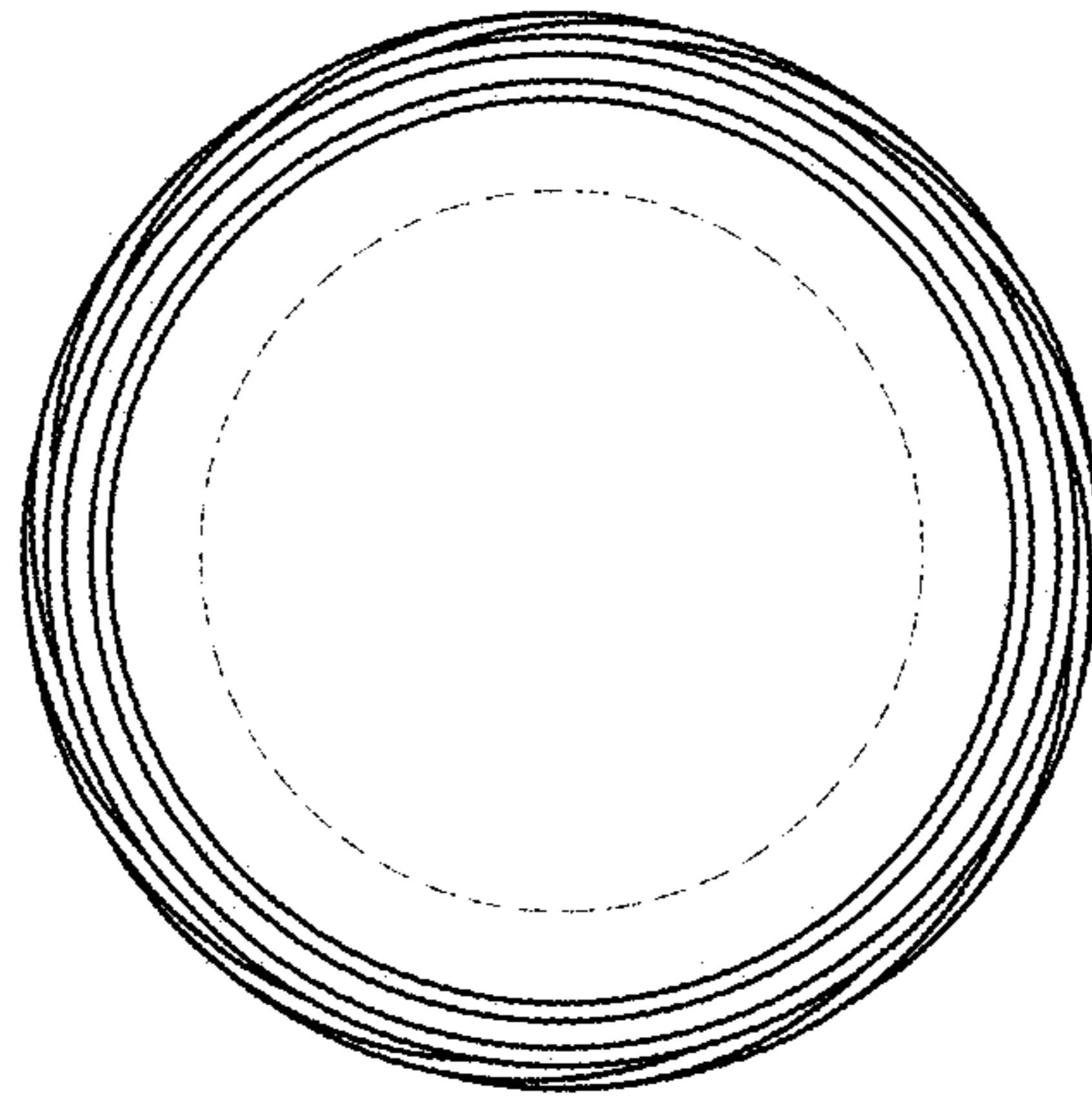
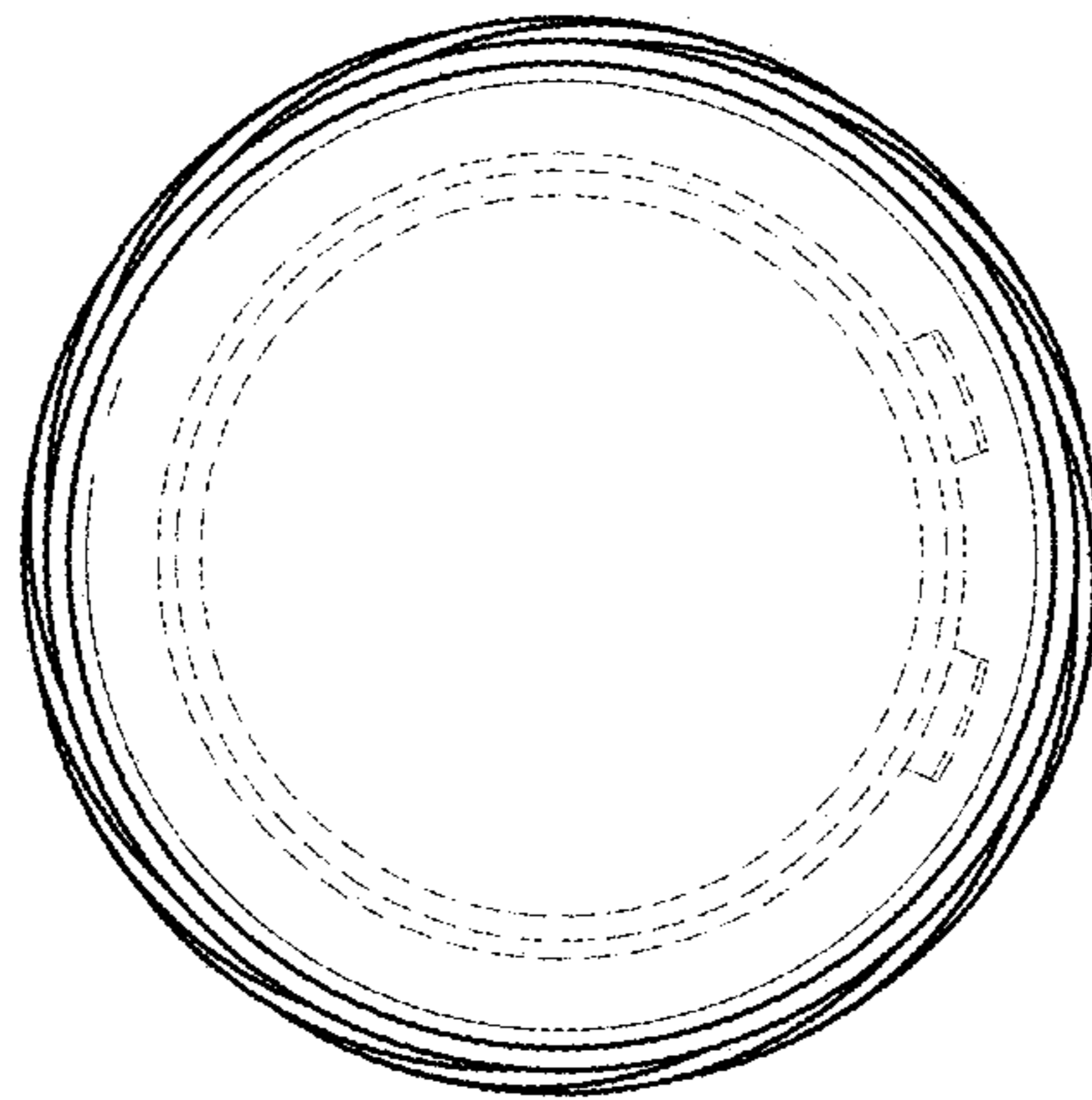


FIG. 25



*FIG. 26*



*FIG. 27*

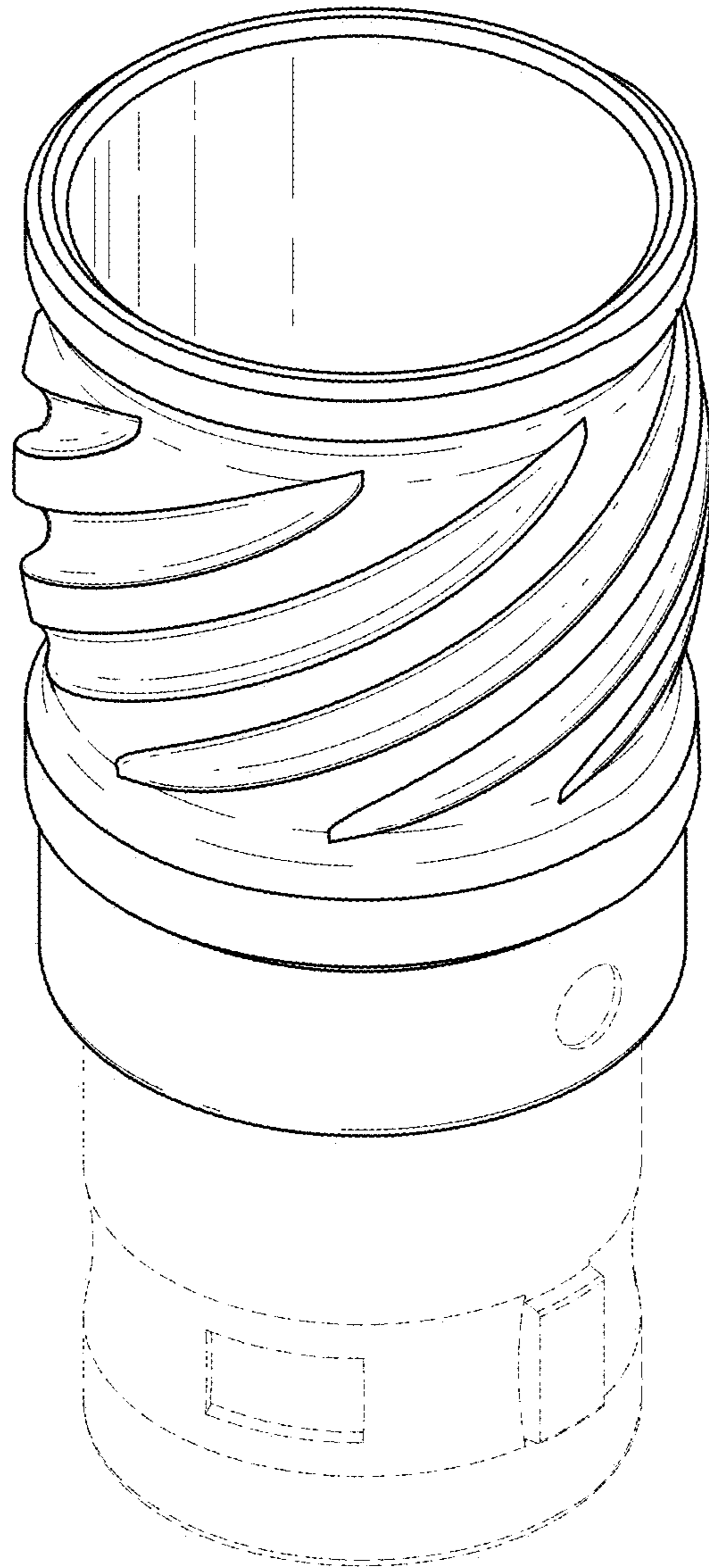


FIG. 28



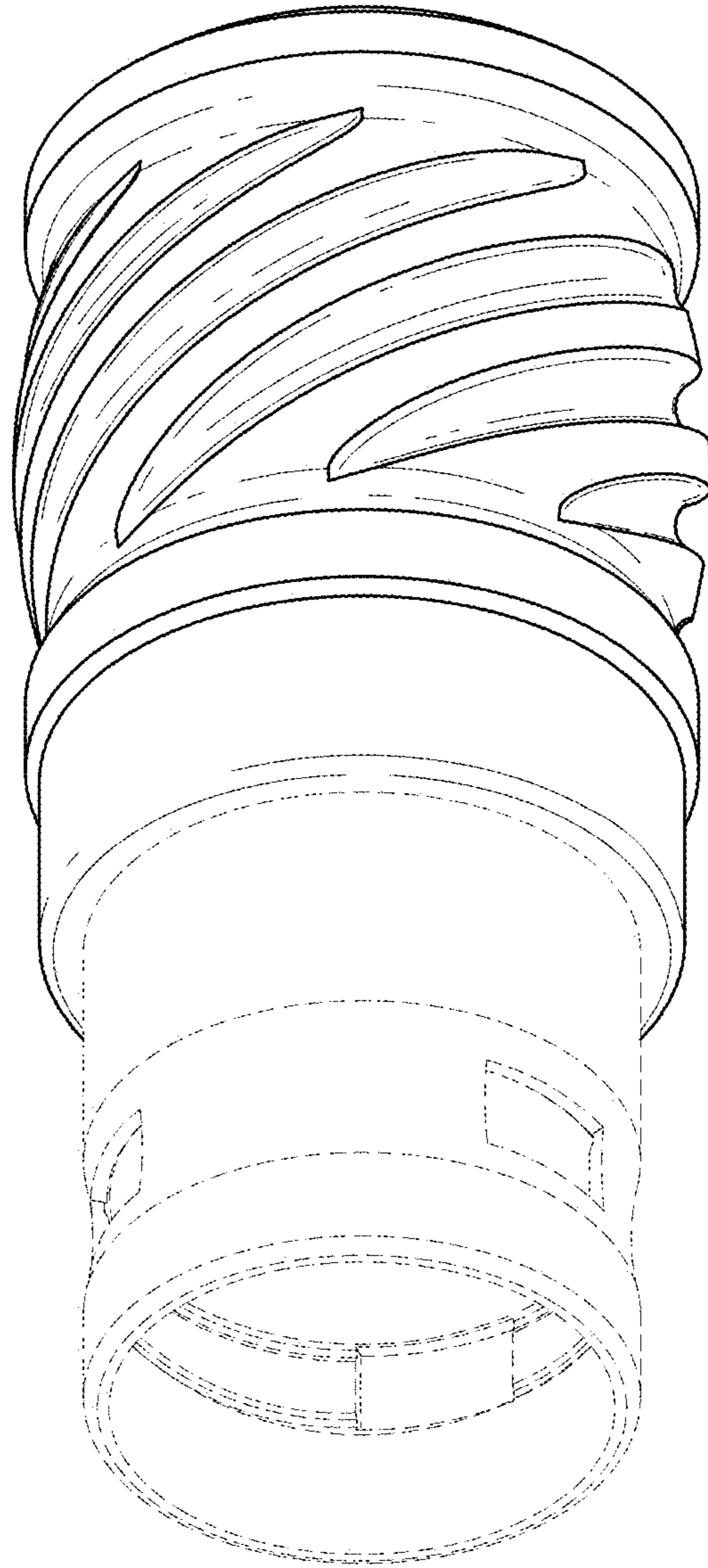


FIG. 29

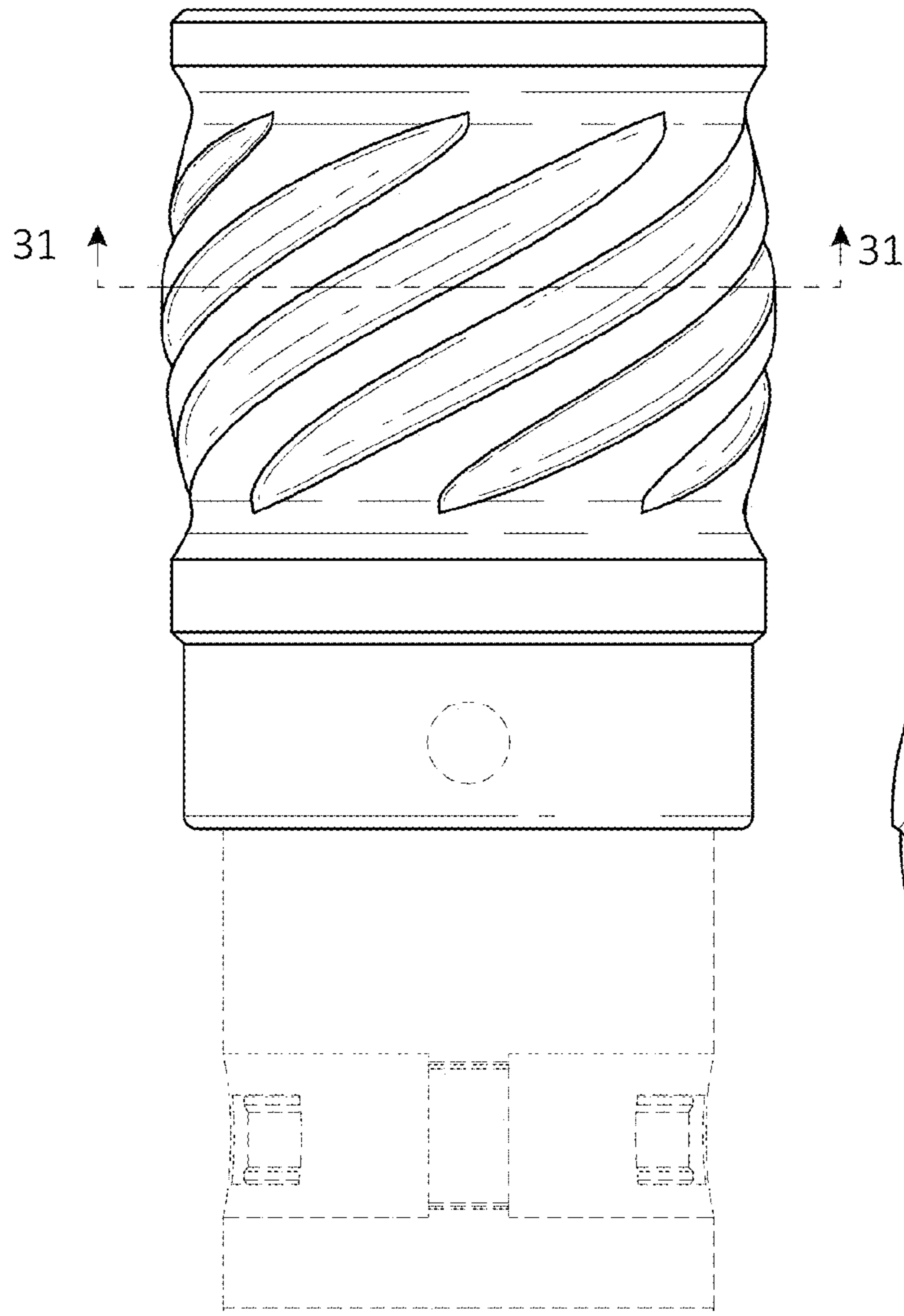


FIG. 30

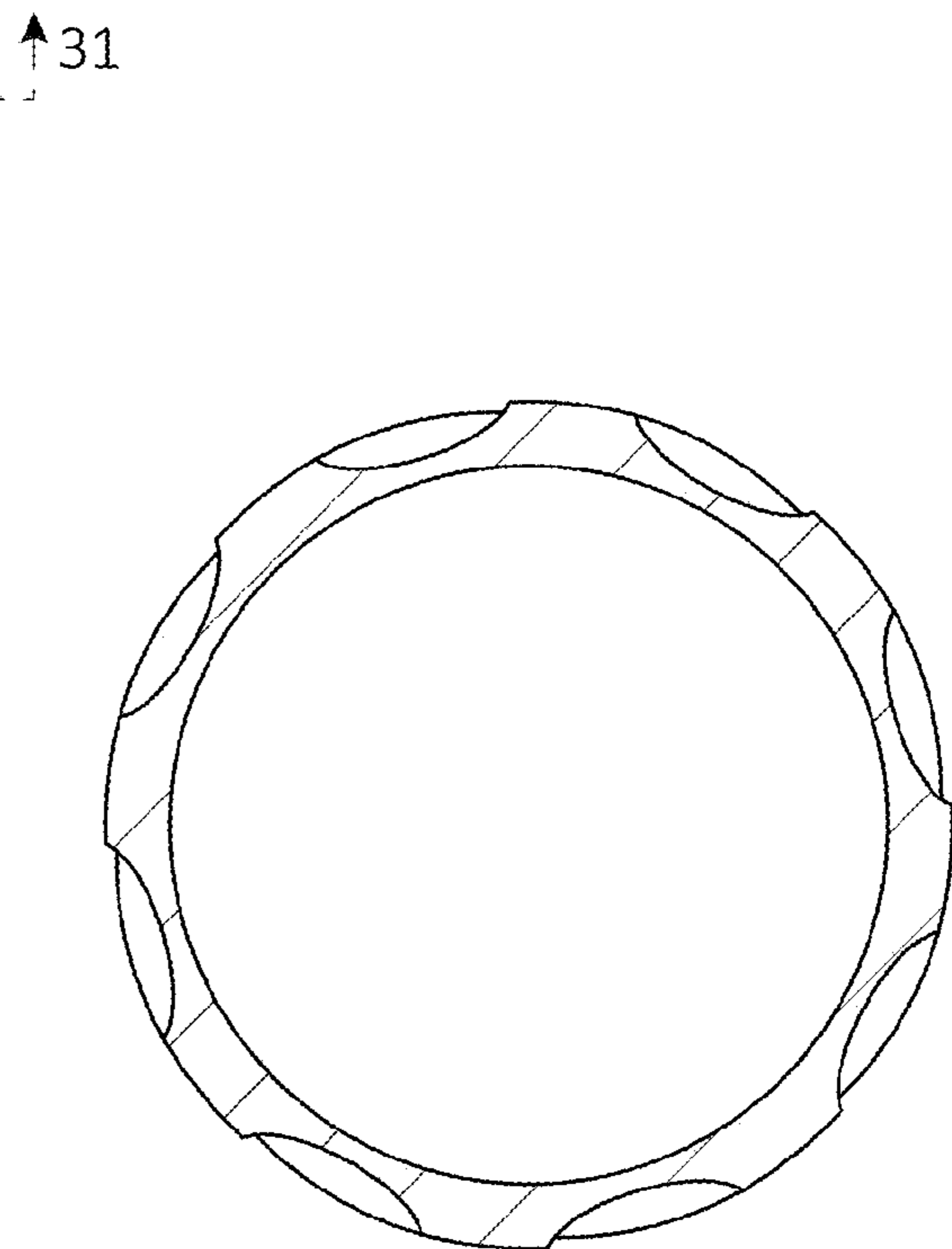


FIG. 31

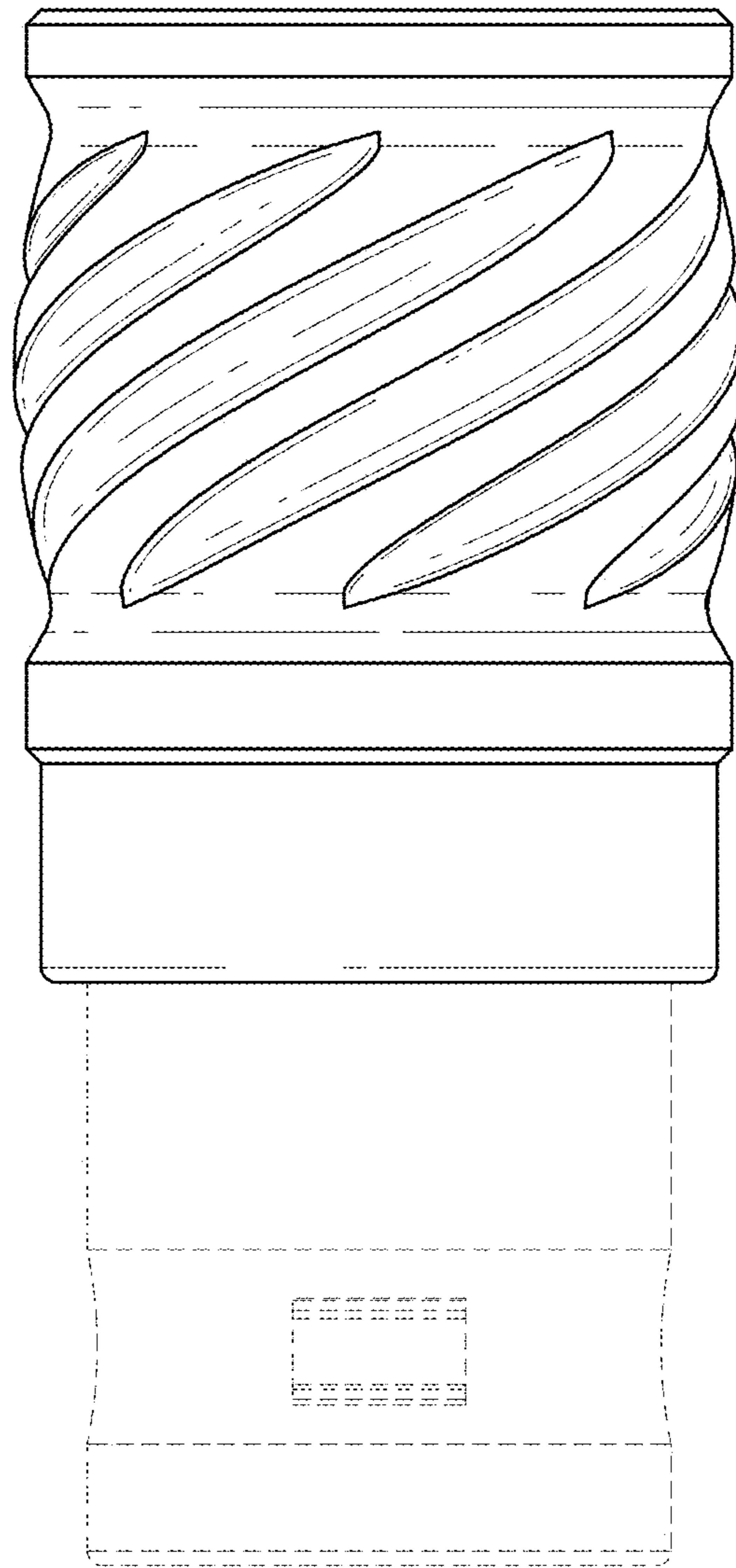


FIG. 32

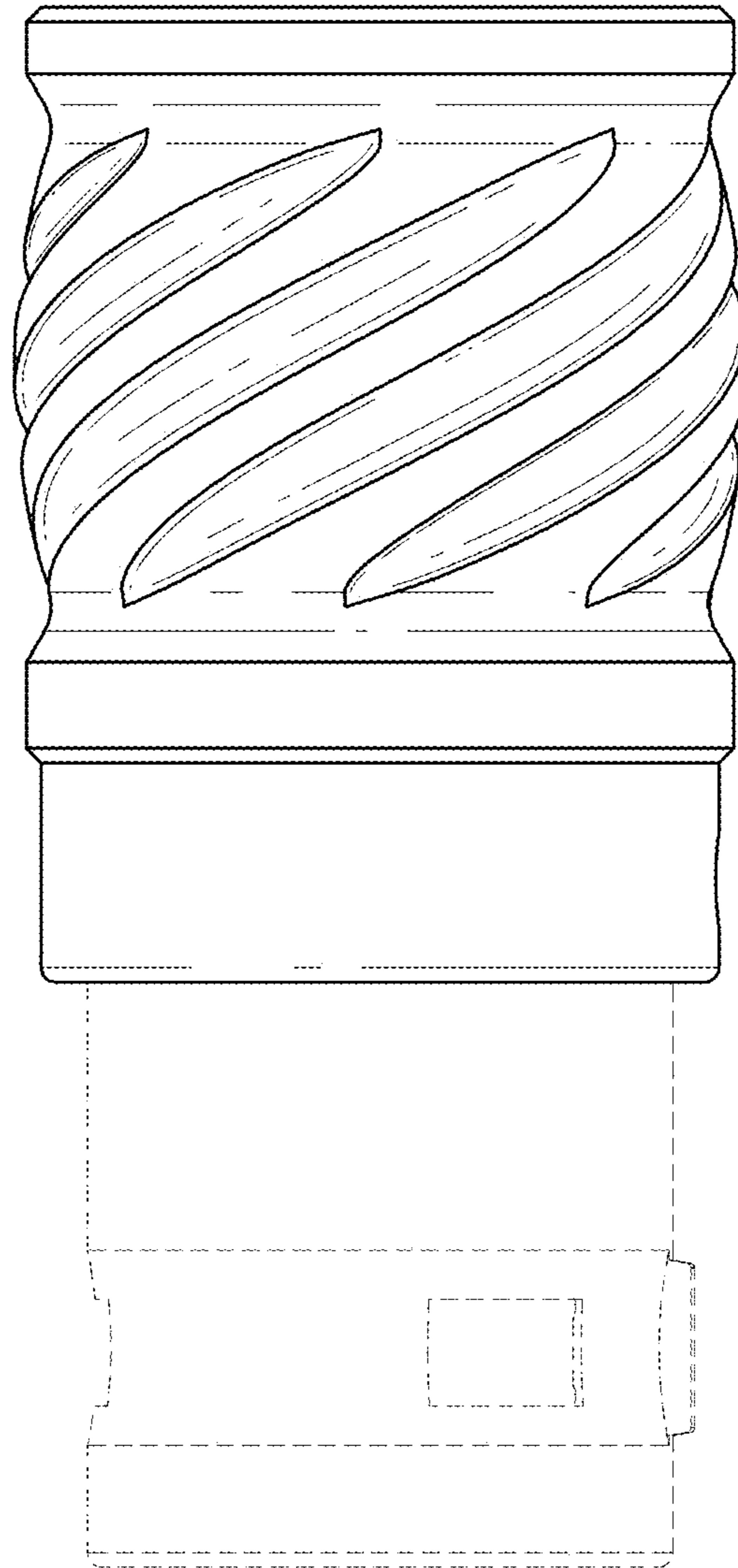


FIG. 33

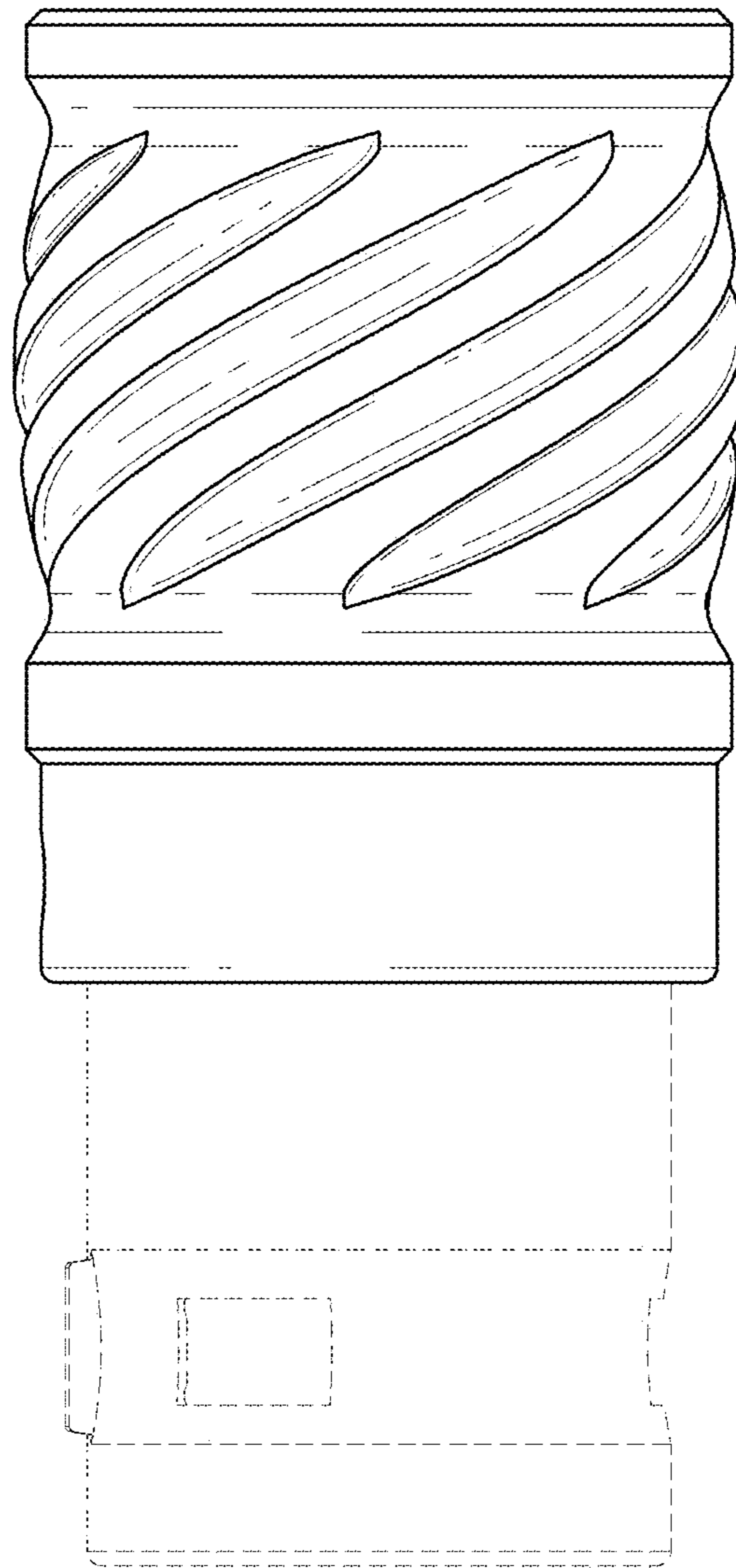
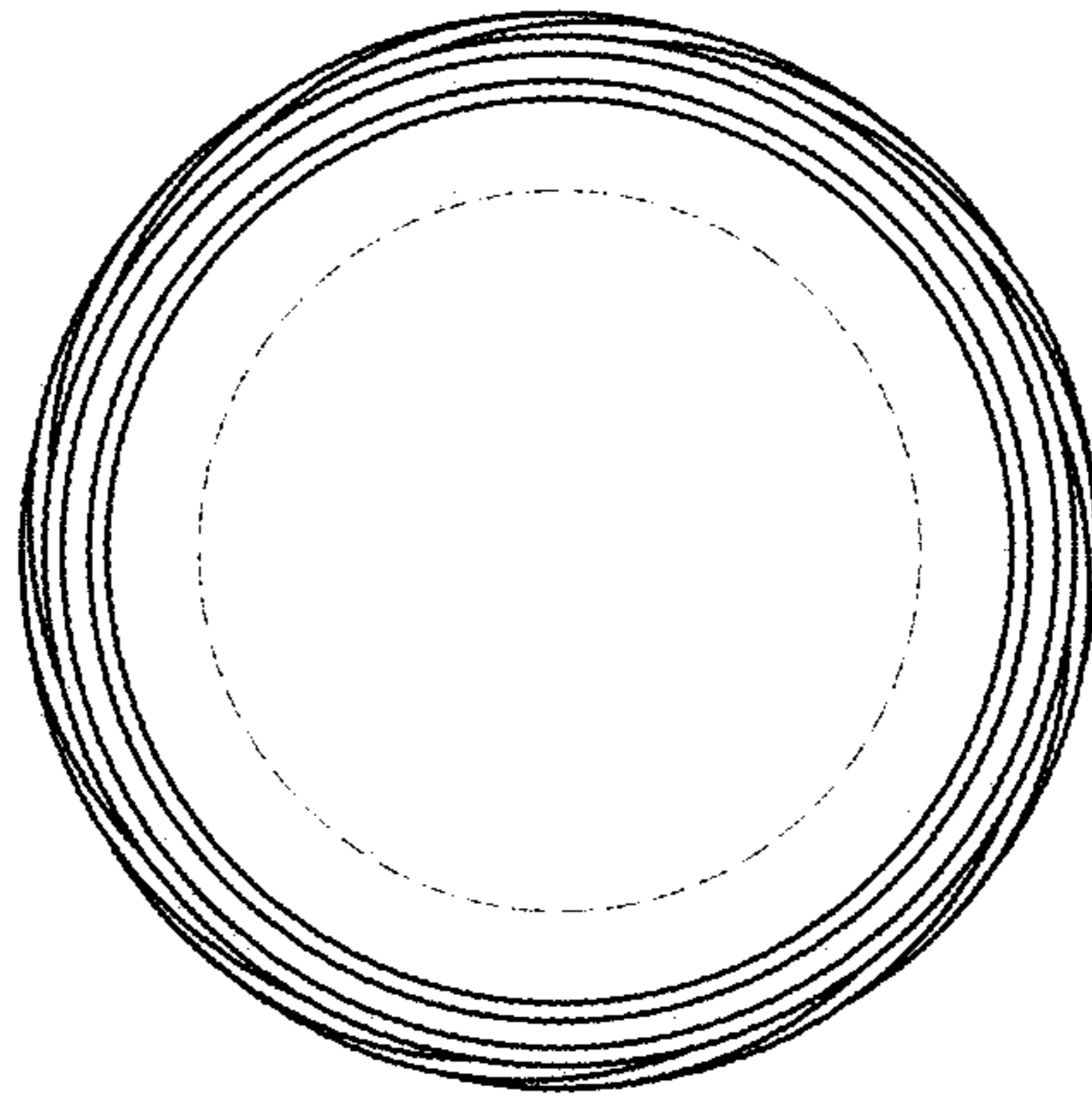
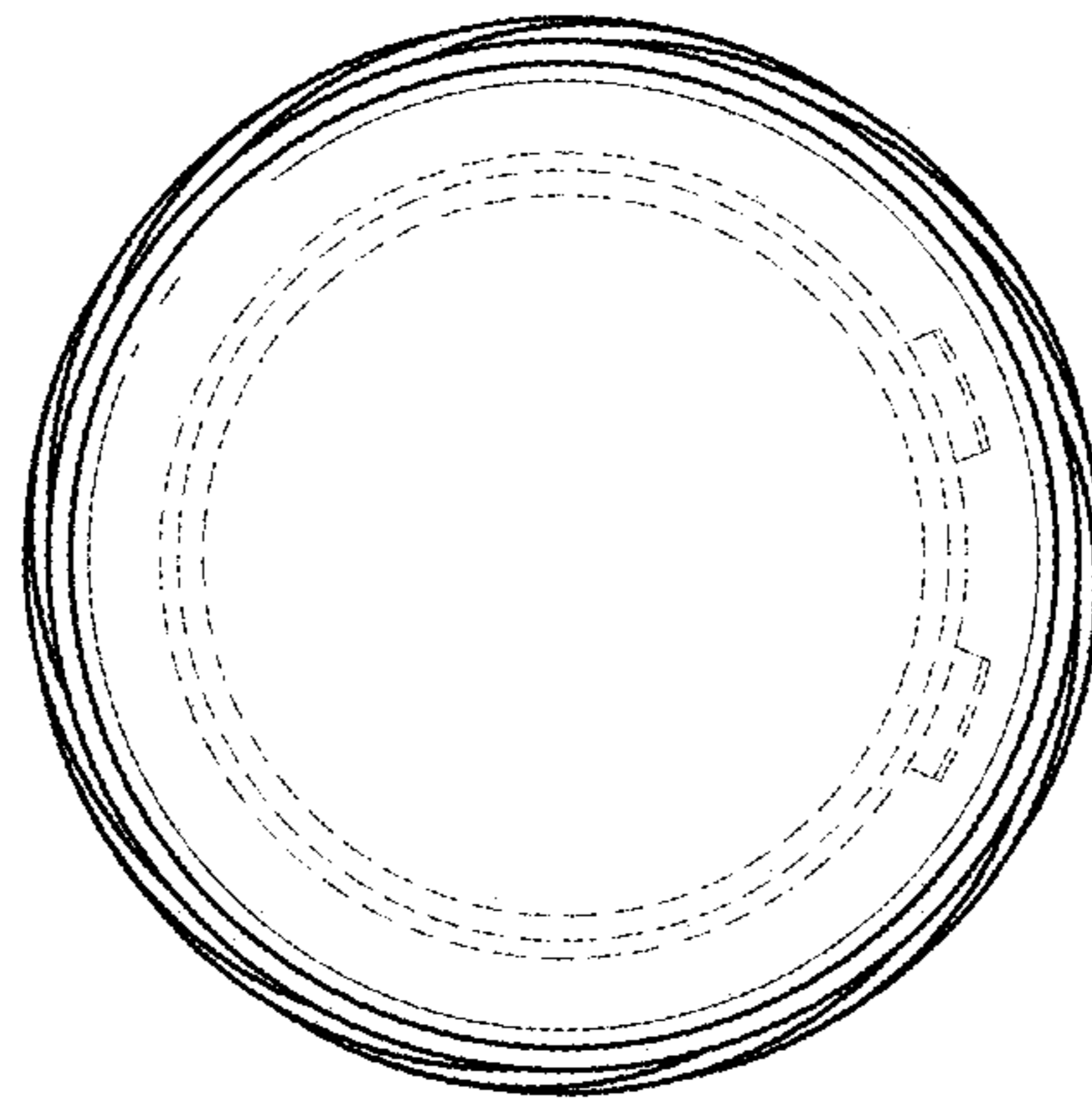


FIG. 34



*FIG. 35*



*FIG. 36*

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : D905,642 S  
APPLICATION NO. : 29/617296  
DATED : December 22, 2020  
INVENTOR(S) : Peter Jarred Land

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page

In Column 1, item (57), Claim, Line 2, delete “show and” and insert --and--.

In Column 2, item (57), Description, Line 27, delete “his” and insert --is--.

Signed and Sealed this  
Ninth Day of March, 2021



Drew Hirshfeld  
*Performing the Functions and Duties of the  
Under Secretary of Commerce for Intellectual Property and  
Director of the United States Patent and Trademark Office*