



US00D924140S

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

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(54) **ELECTRICAL CONNECTOR**

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

(21) Appl. No.: **29/617,292**

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(51) **LOC (13) 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)

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,486,068 A \* 12/1984 Ghigliotti ..... H01R 13/052  
439/825  
D327,318 S \* 6/1992 Dudar ..... D24/112  
(Continued)

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

(57) **CLAIM**

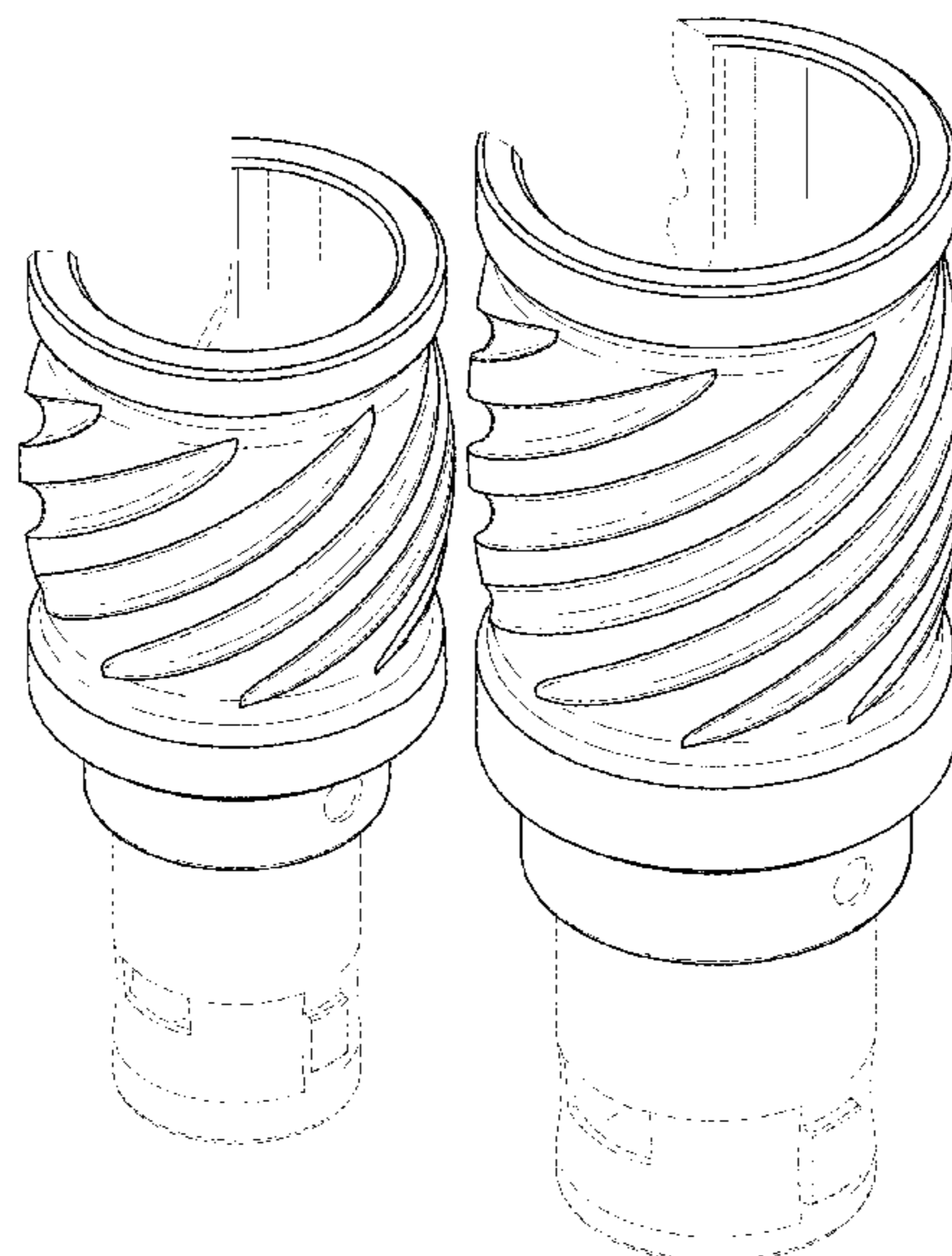
The ornamental design for an electrical connector, as shown  
and described.

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

The broken lines in the drawings illustrate portions of the  
electrical connector that form no part of the claimed design.

**1 Claim, 14 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 24/07; 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

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D430,293	S	*	8/2000	Jansen	.....	D24/129
D458,351	S	*	6/2002	Chen	.....	D23/262
D458,353	S	*	6/2002	Chen	.....	D23/262
D458,904	S	*	6/2002	Montena	.....	D13/154
D460,740	S	*	7/2002	Montena	.....	D13/154
D460,947	S	*	7/2002	Montena	.....	D13/154
D460,948	S	*	7/2002	Montena	.....	D13/154
D461,166	S	*	8/2002	Montena	.....	D13/133
D537,416	S	*	2/2007	Fortin	.....	D13/156
D538,750	S	*	3/2007	Montena	.....	D13/133
D570,788	S	*	6/2008	Lee	.....	D13/156
D570,789	S	*	6/2008	Lee	.....	D13/156
D584,235	S	*	1/2009	Montena	.....	D13/133
D594,421	S	*	6/2009	Lee	.....	D13/156
D595,650	S	*	7/2009	Di Stefano	.....	D13/133
D817,895	S	*	5/2018	Uchida	.....	D13/156
10,247,384	B1	*	4/2019	Feinbloom	.....	F21V 5/008
2014/0329421	A1	*	11/2014	Tatzel	.....	H01R 12/714 439/816
2019/0305455	A1	*	10/2019	Uppliger	.....	H01R 43/16

\* cited by examiner

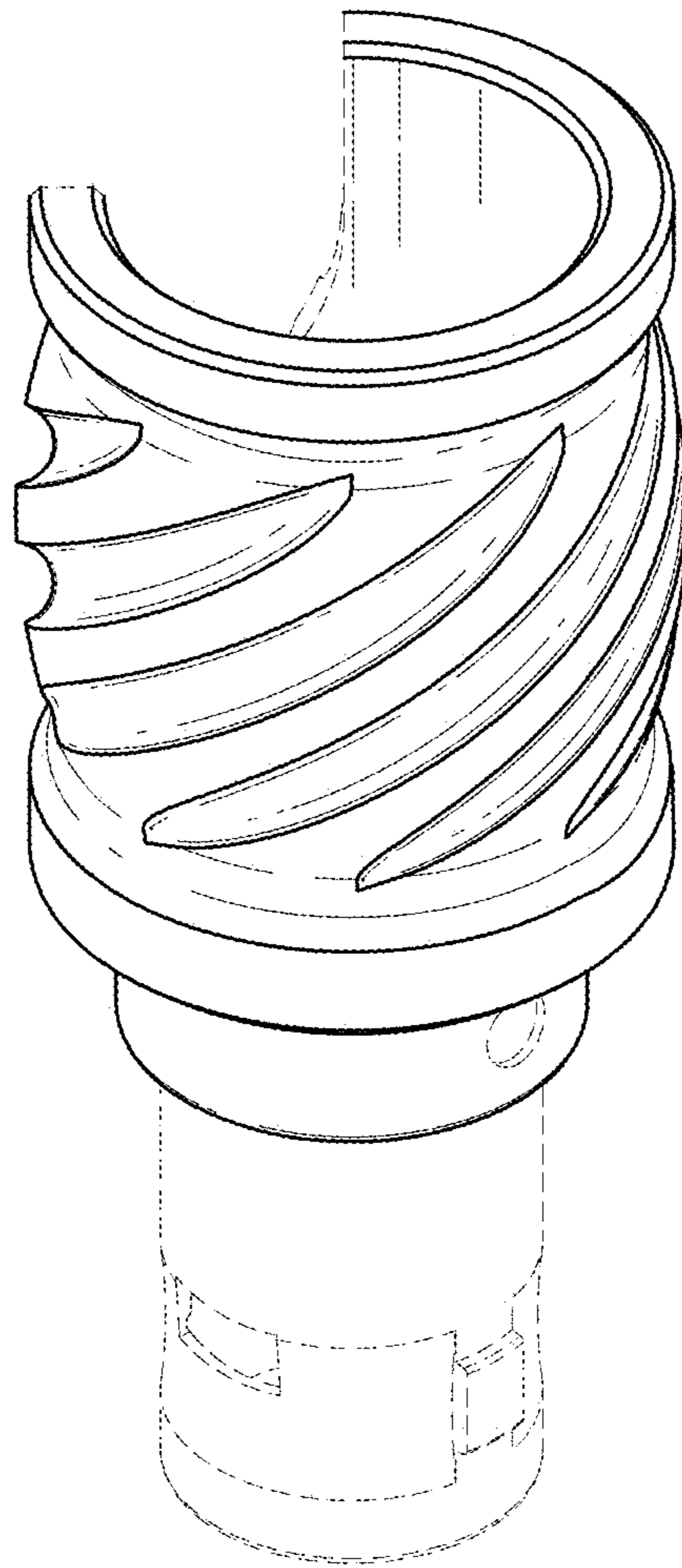


FIG. 1

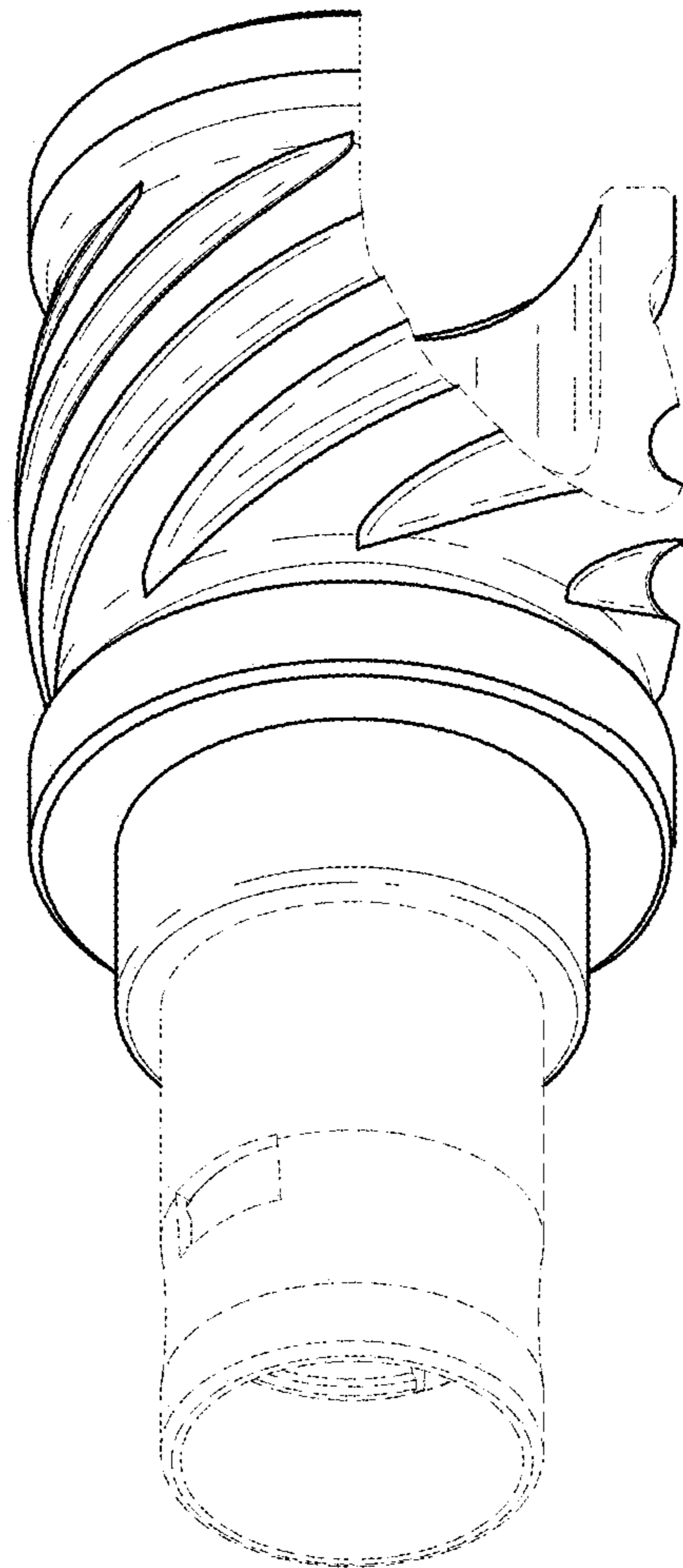


FIG. 2

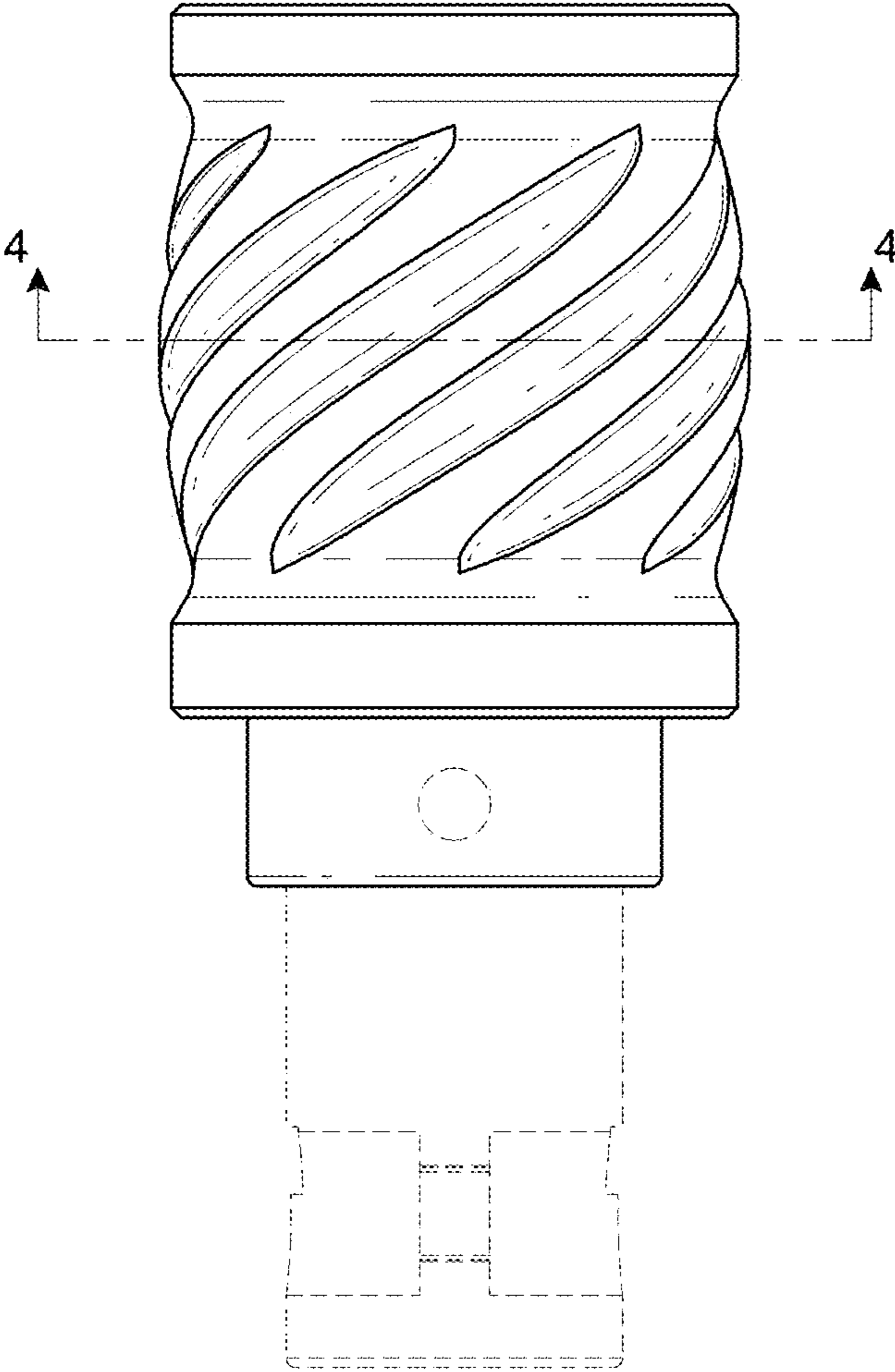


FIG. 3

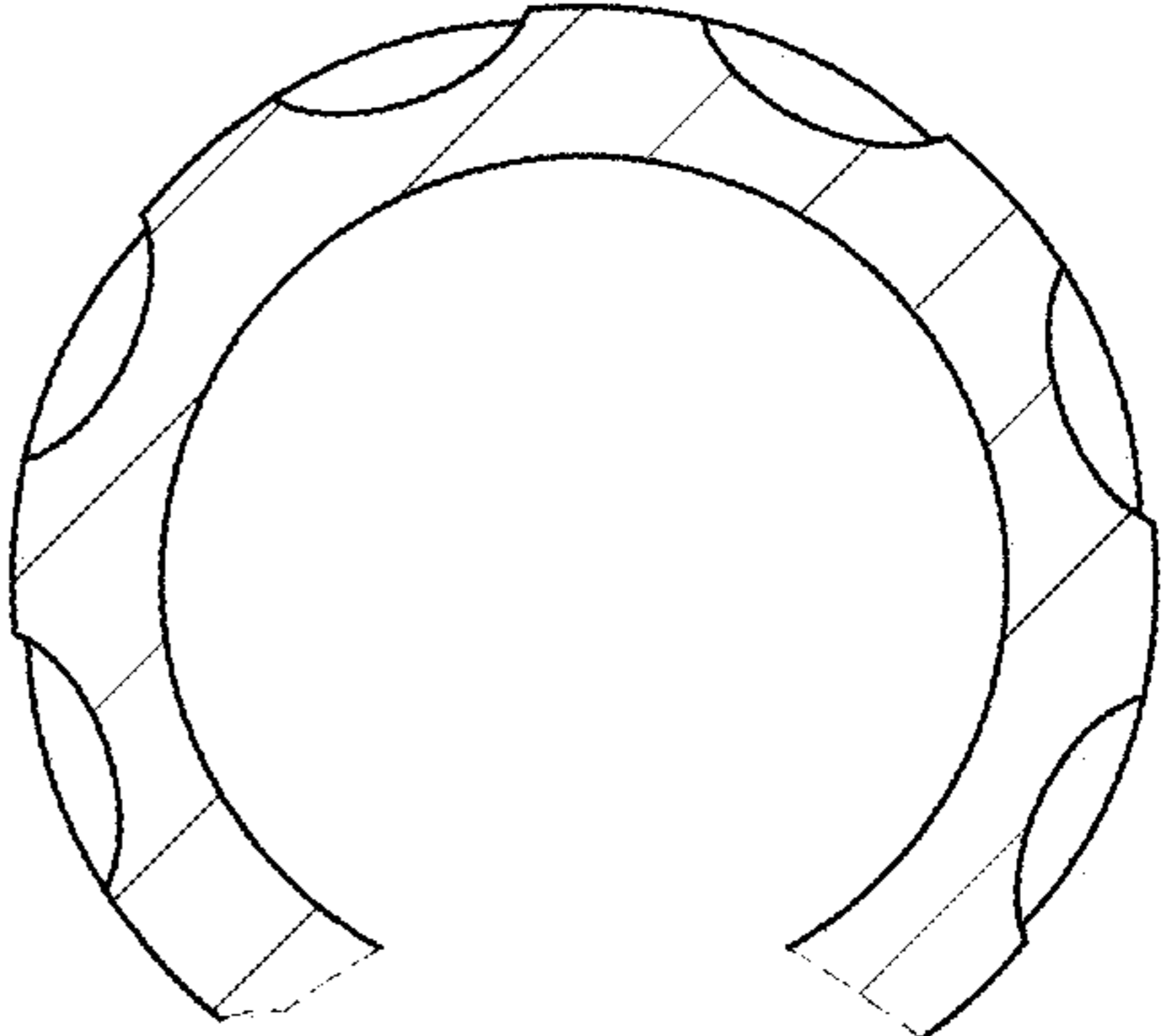


FIG. 4



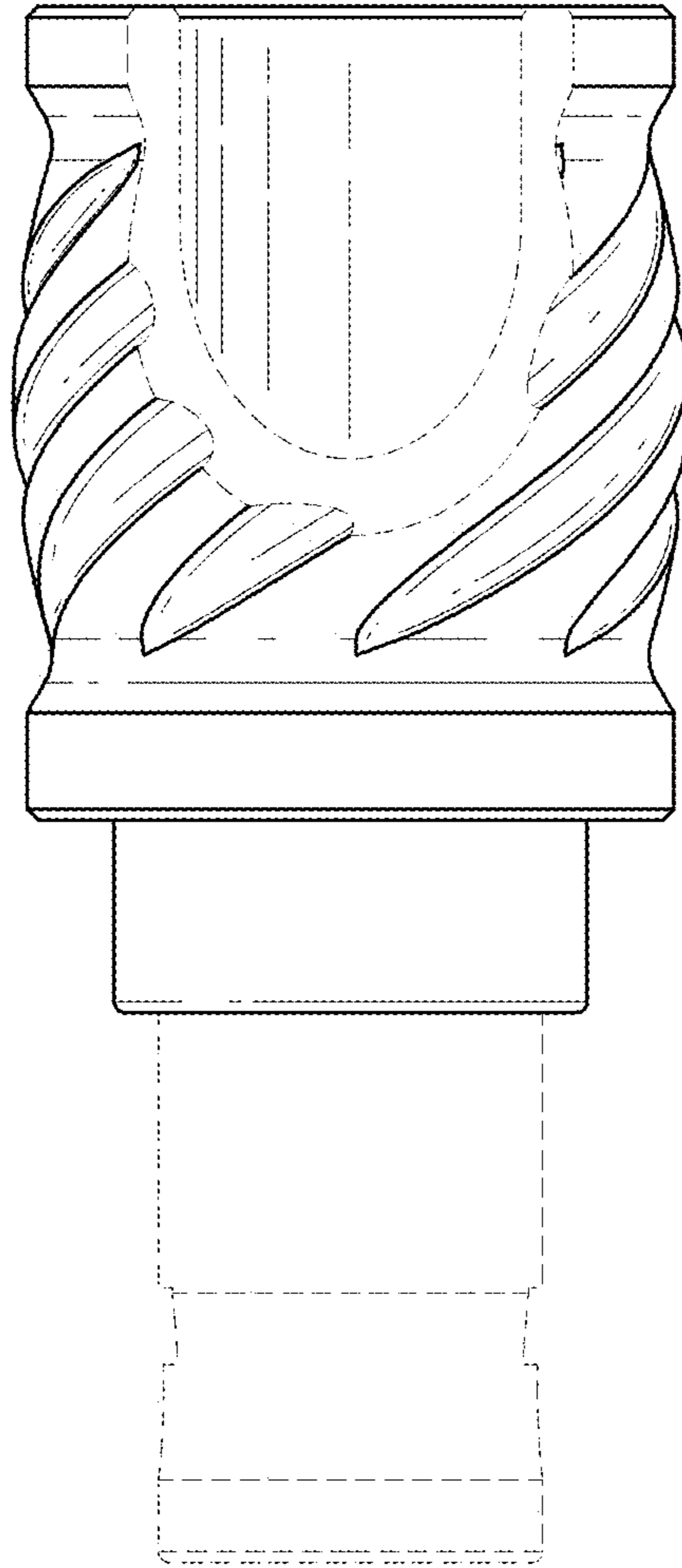


FIG. 5

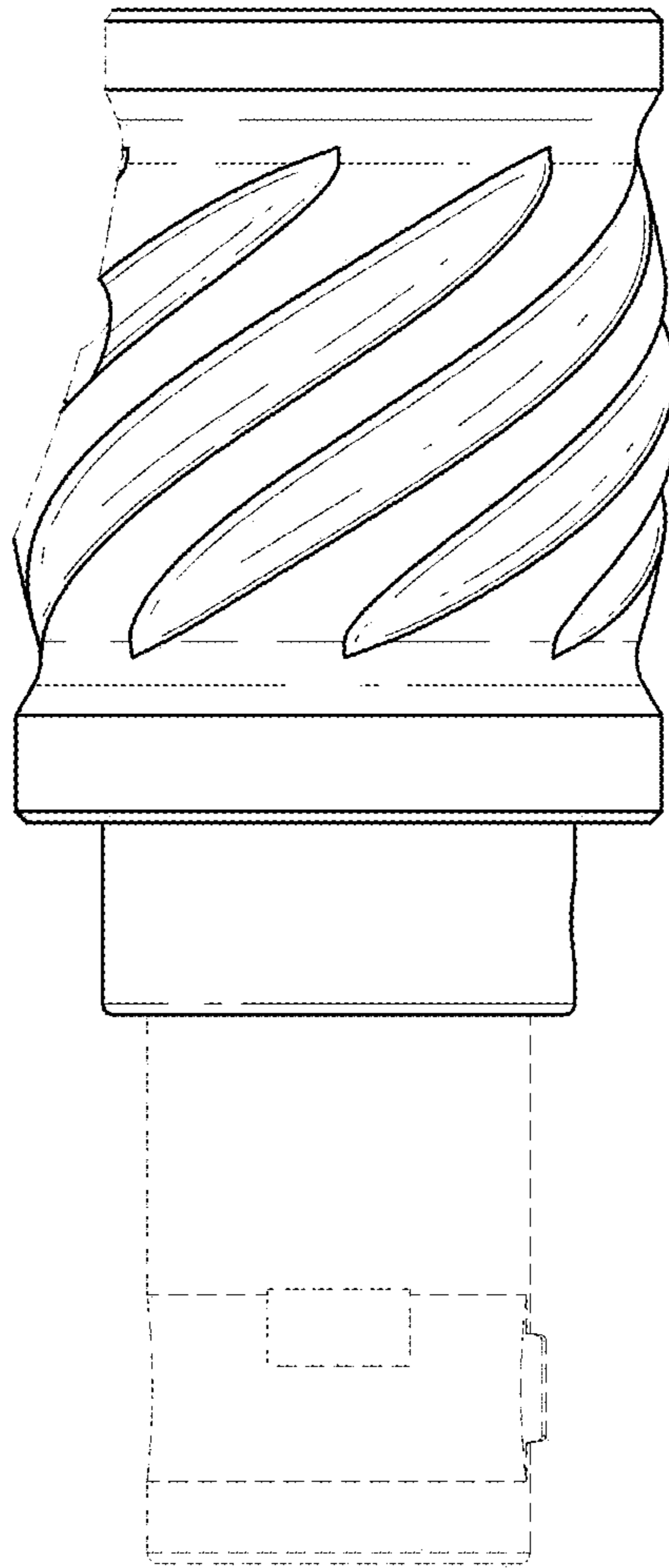


FIG. 6

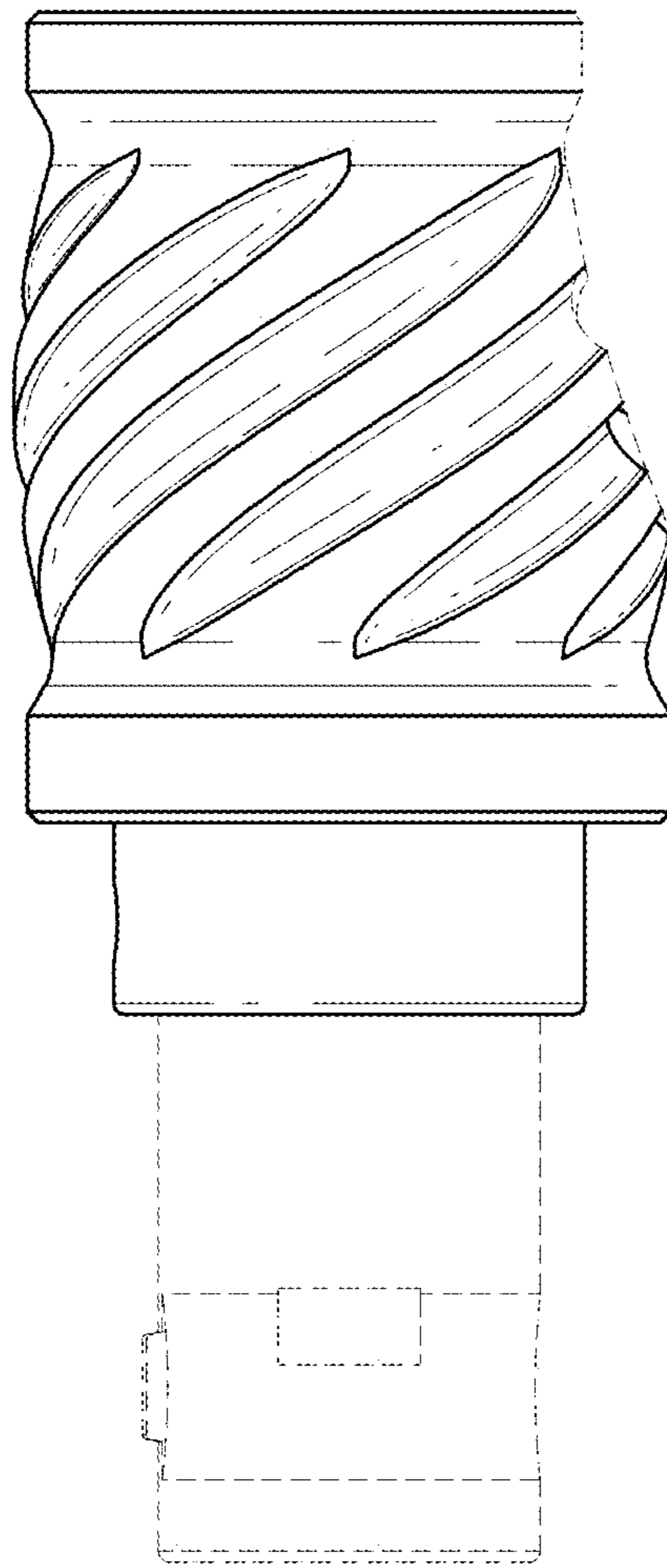
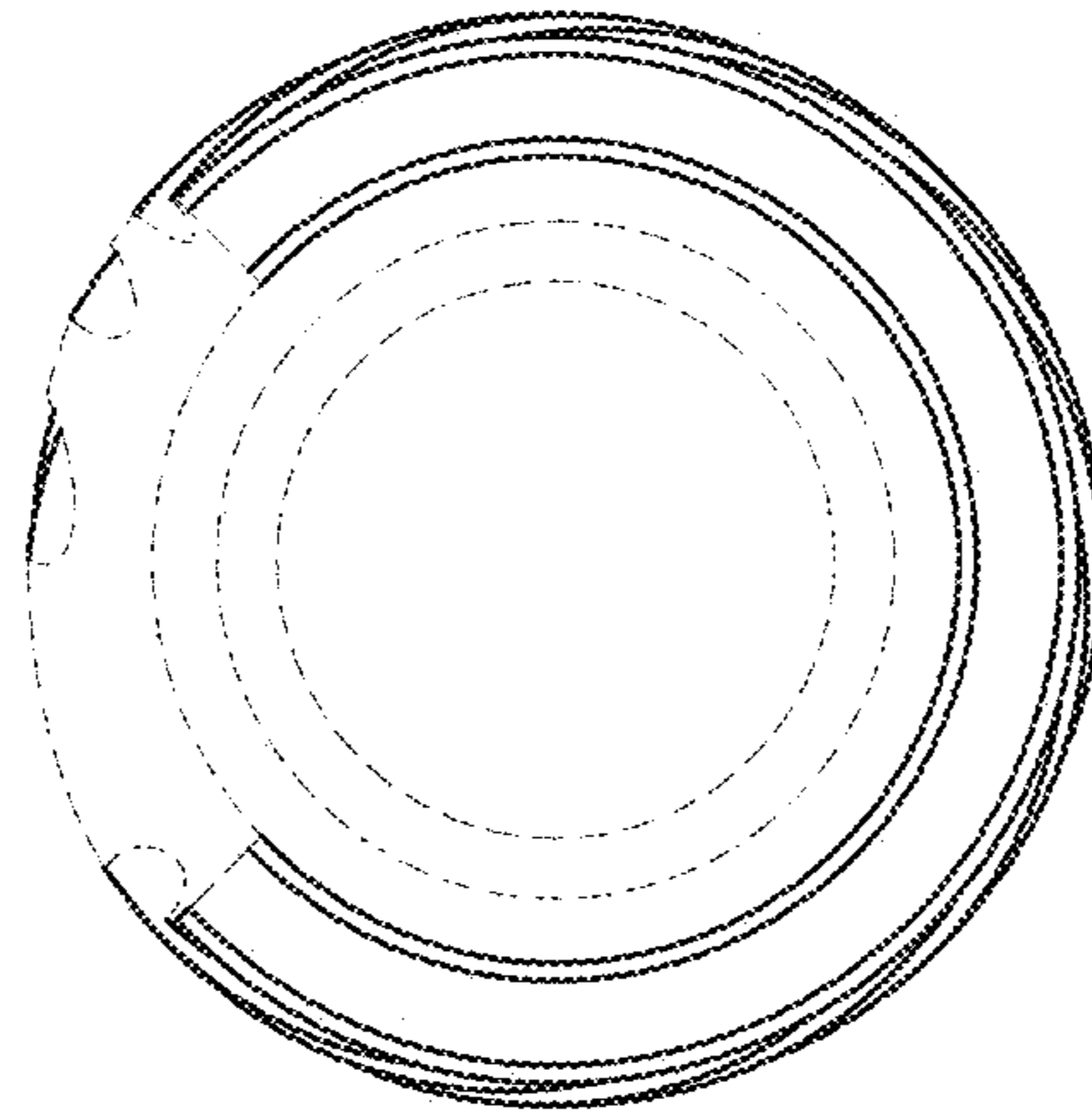
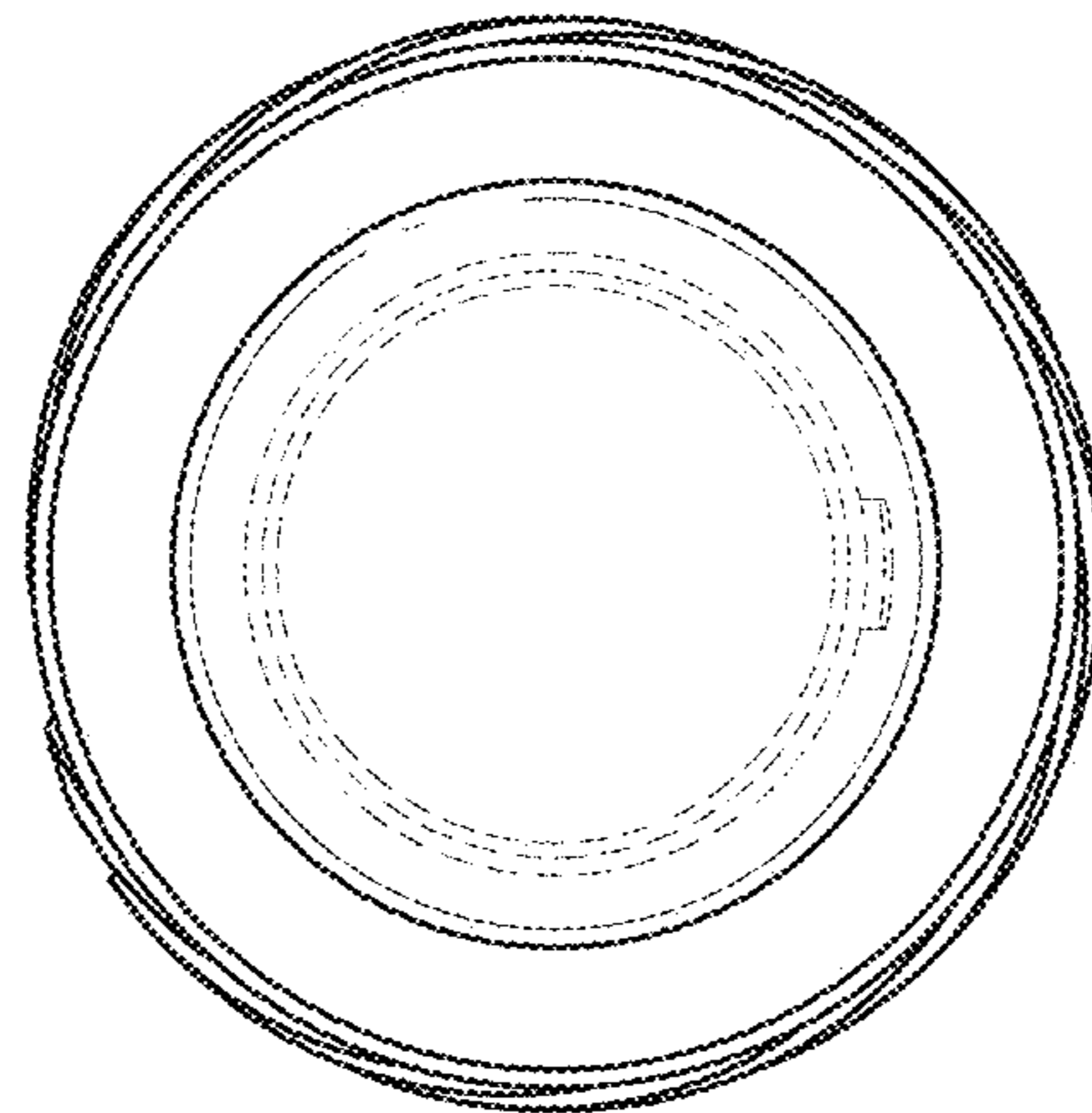


FIG. 7





*FIG. 8*



*FIG. 9*

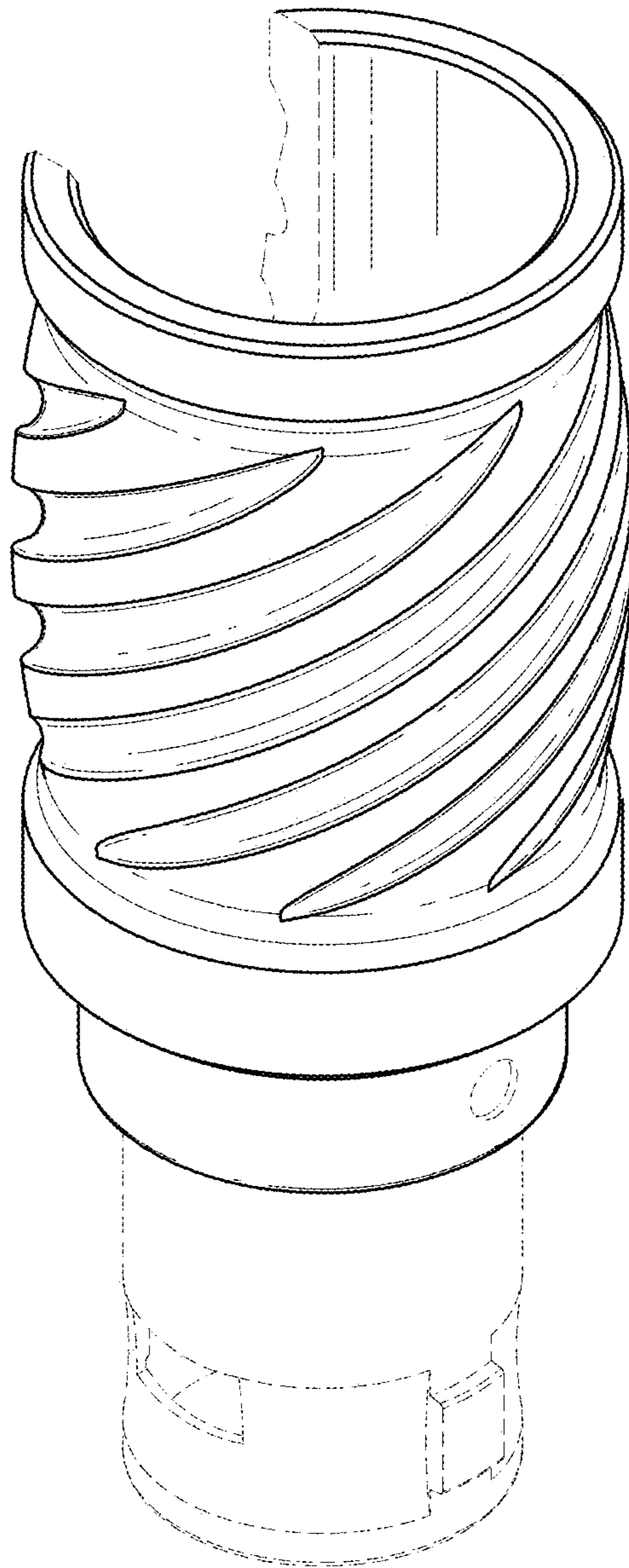


FIG. 10

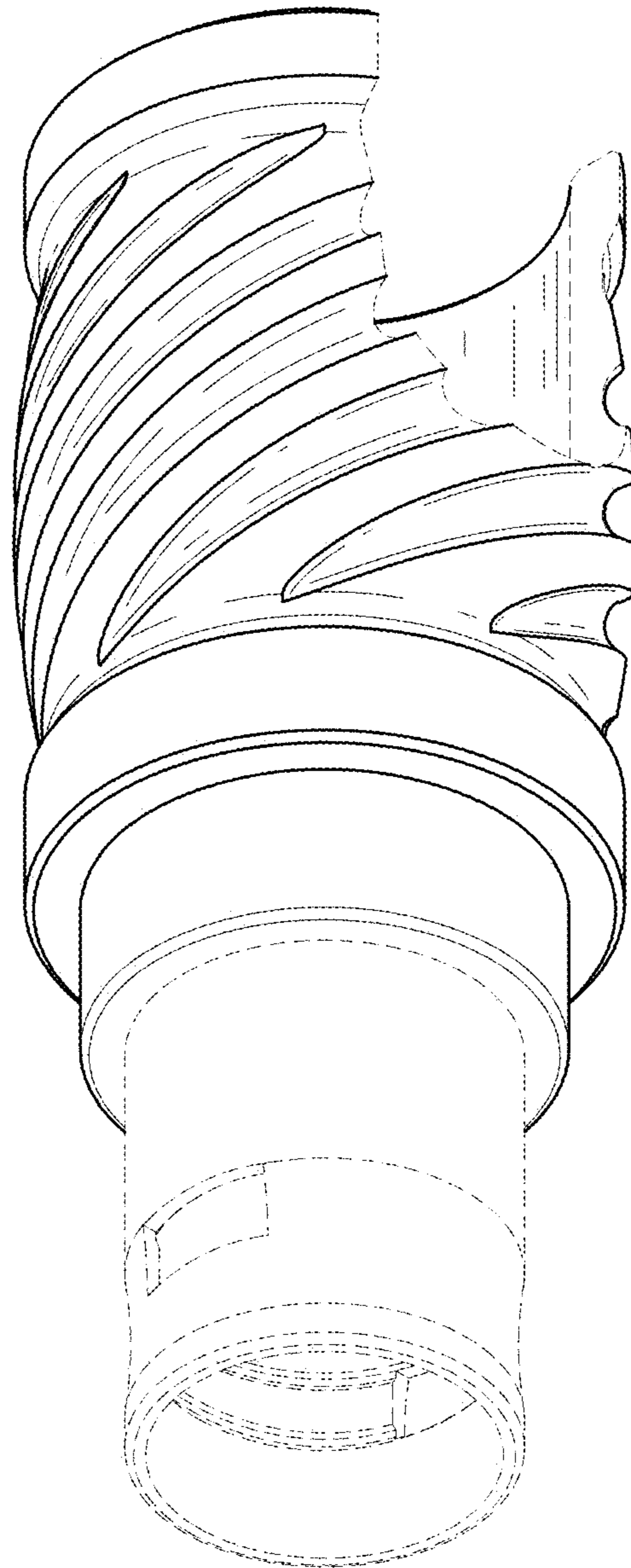


FIG. 11

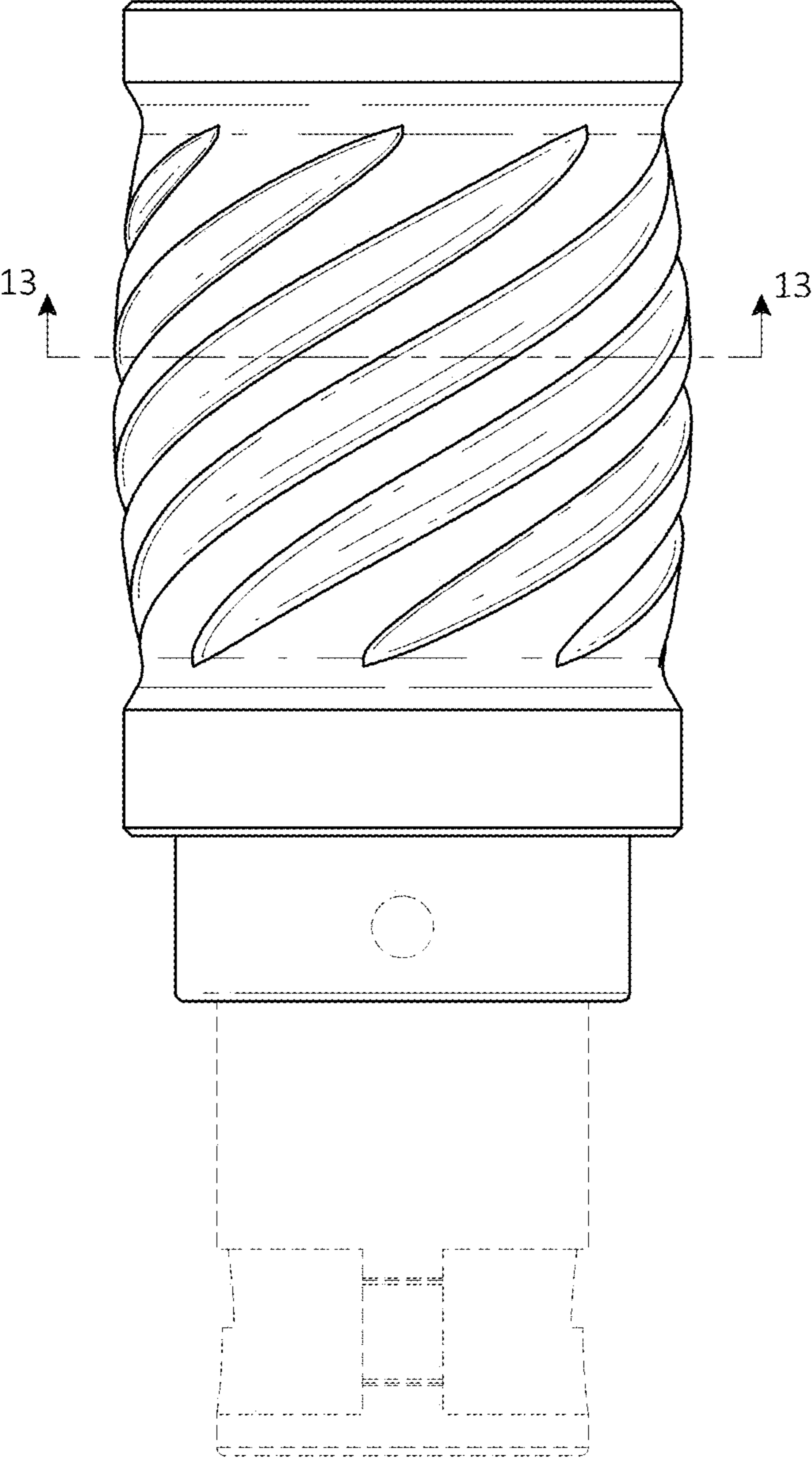


FIG. 12

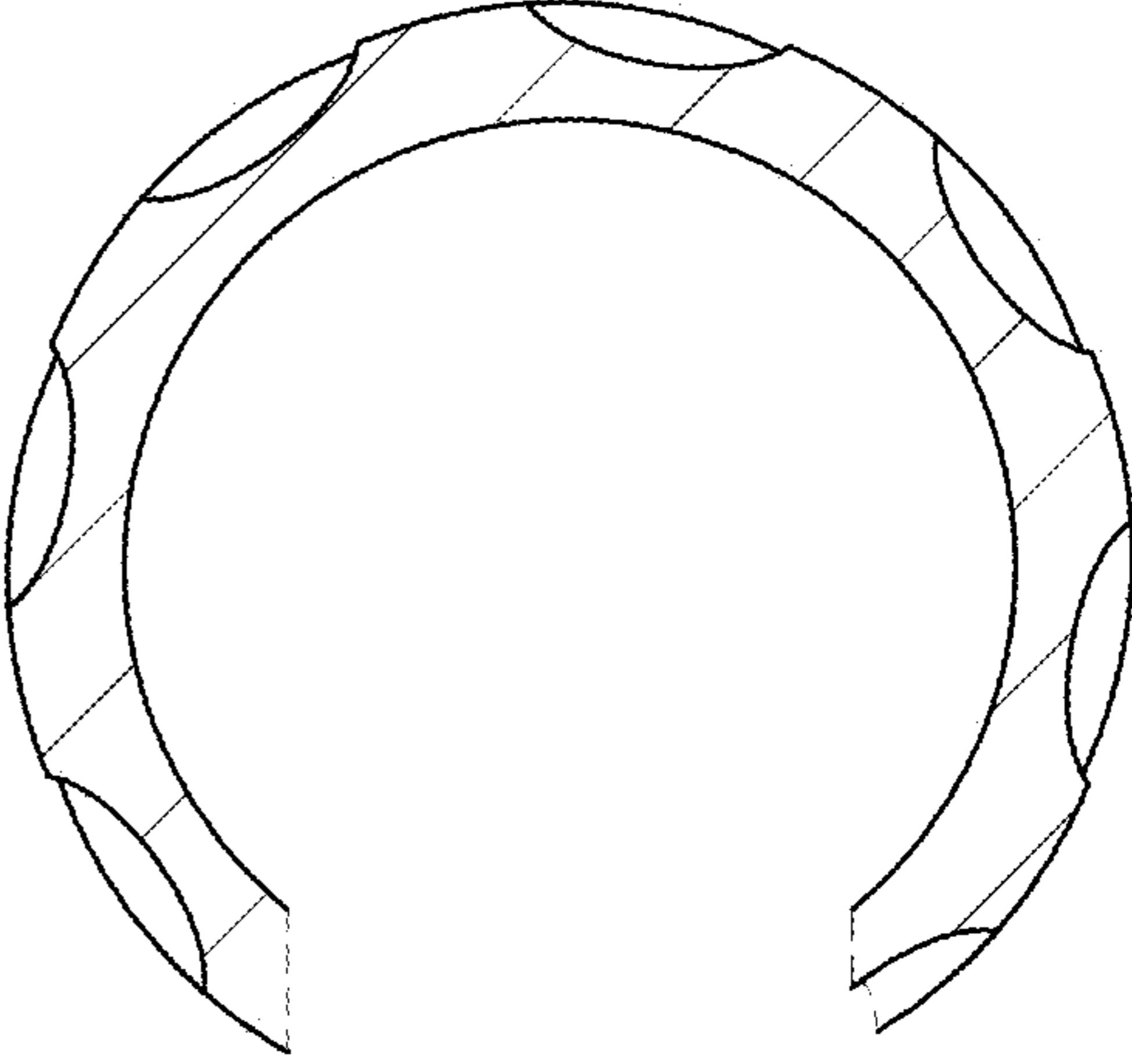


FIG. 13

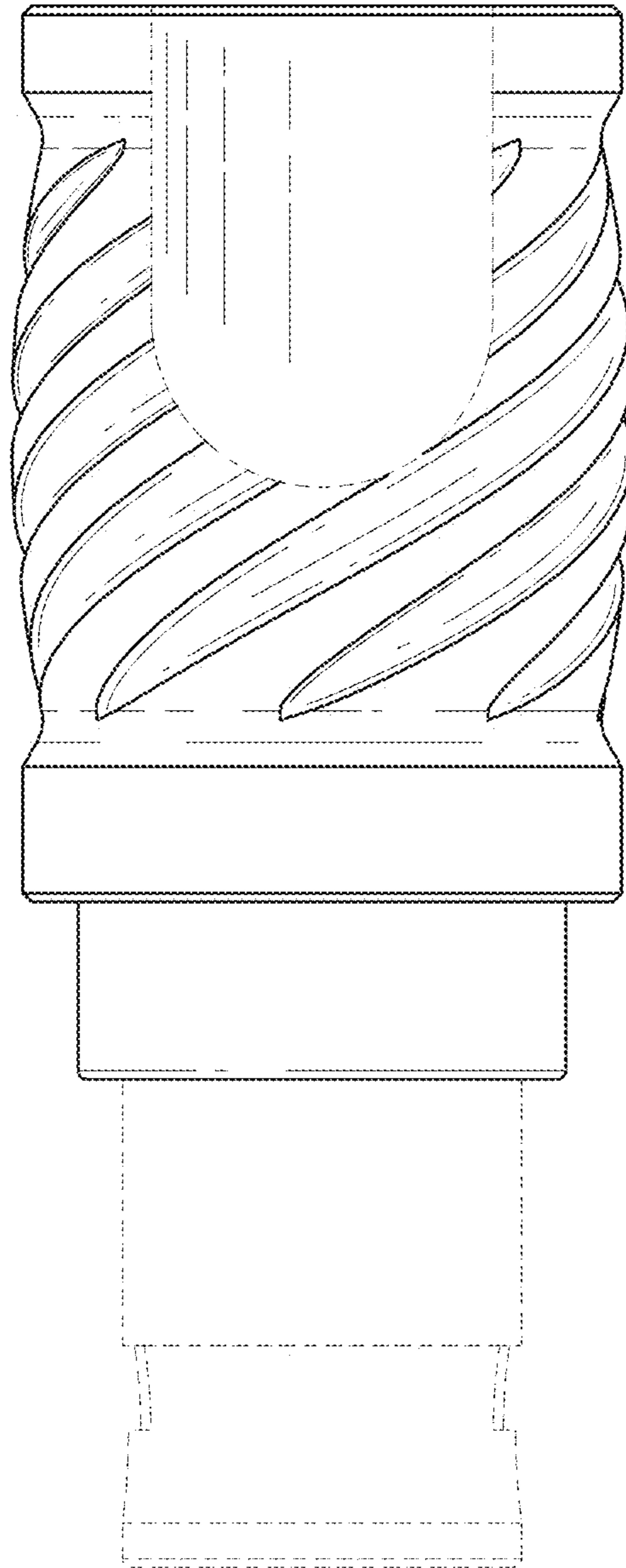


FIG. 14

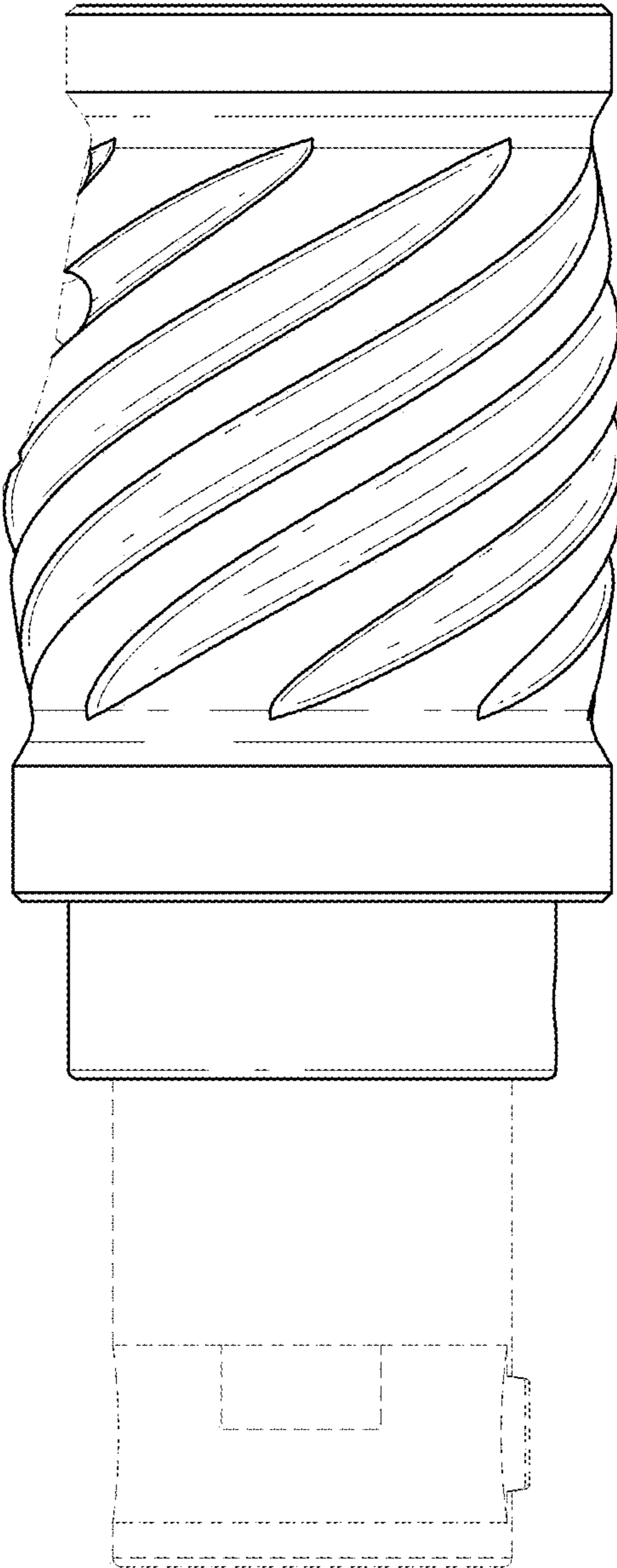


FIG. 15



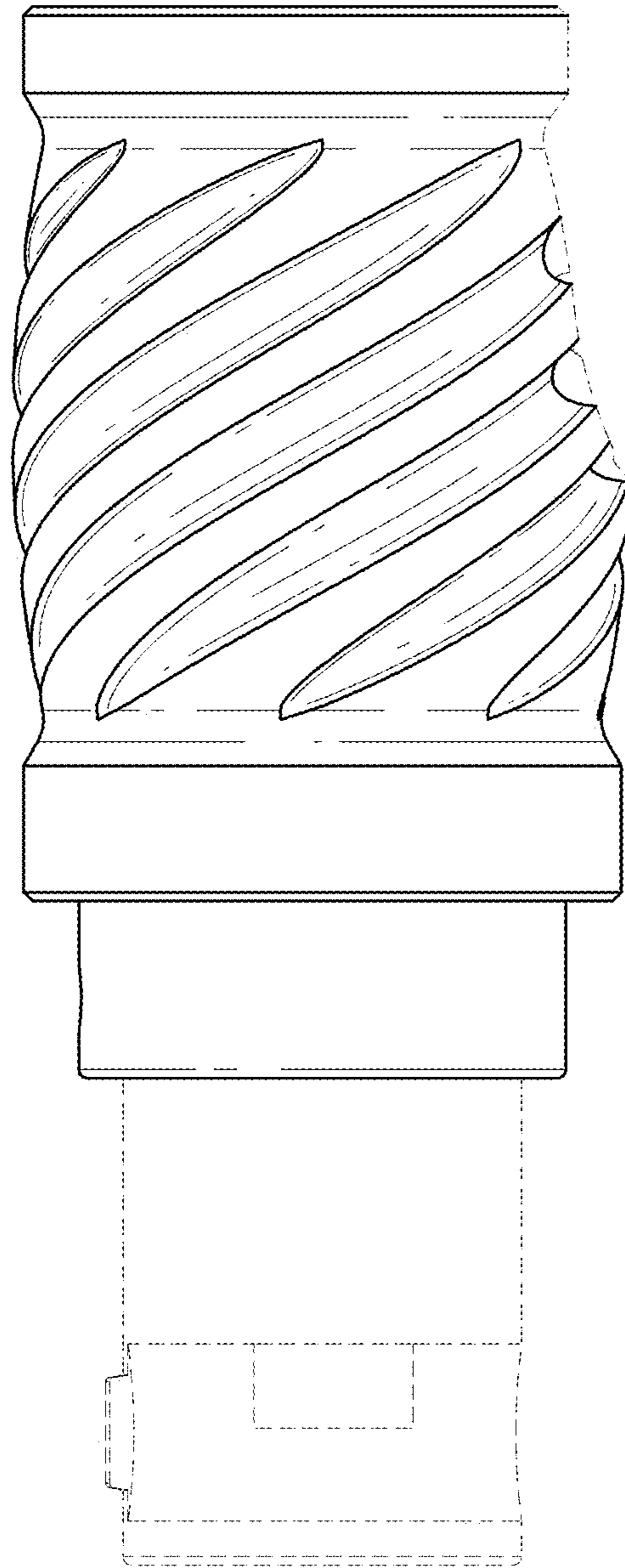
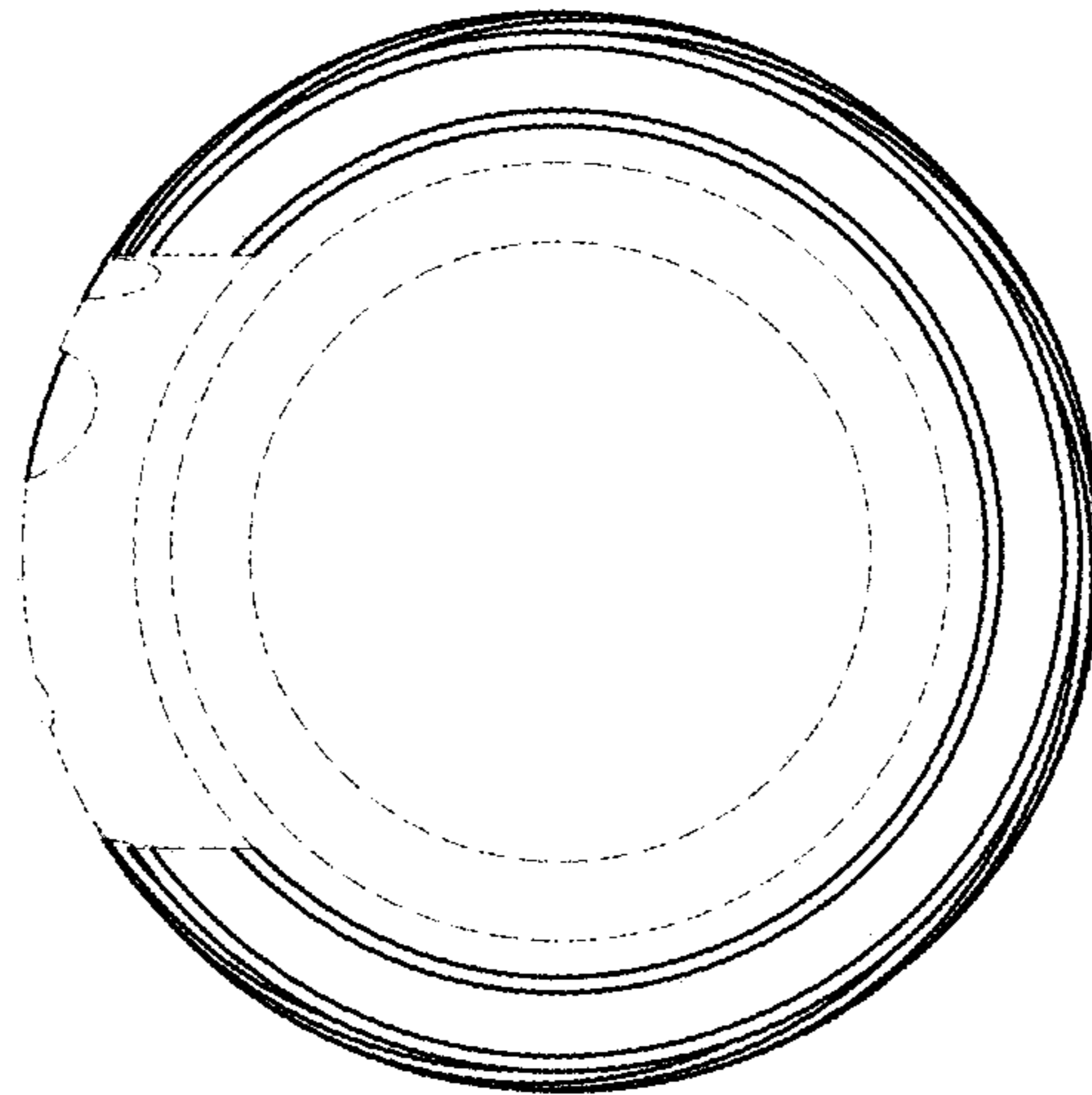
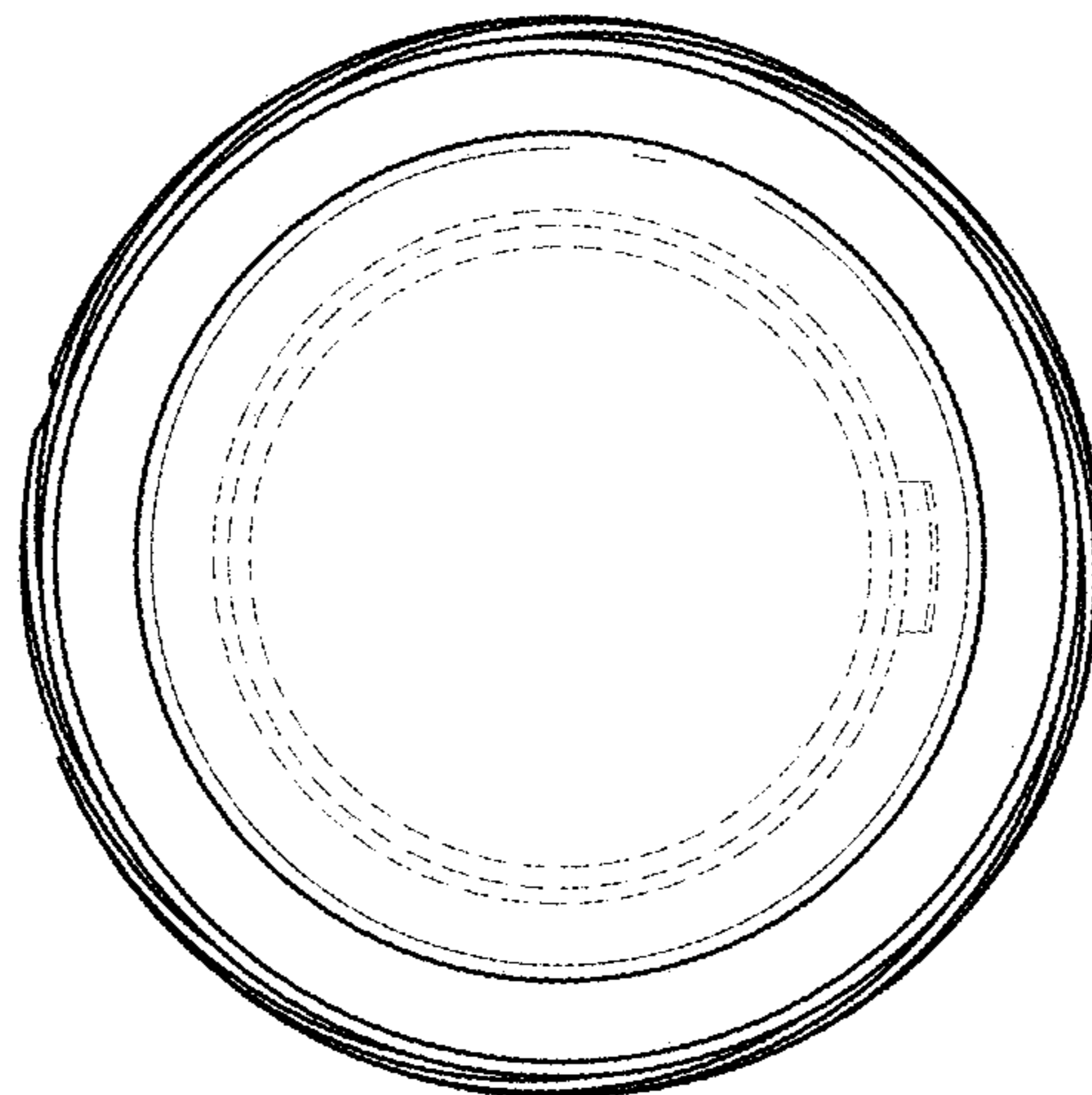


FIG. 16



*FIG. 17*



*FIG. 18*