



US00D776177S

(12) **United States Design Patent** (10) **Patent No.:** **US D776,177 S**
Namburu (45) **Date of Patent:** **** Jan. 10, 2017**

(54) **AIR COOLED PLASMA TORCH ELECTRODE**
(71) Applicant: **LINCOLN GLOBAL, INC.**, City of Industry, CA (US)
(72) Inventor: **Praveen K. Namburu**, Mount Pleasant, SC (US)
(73) Assignee: **LINCOLN GLOBAL, INC.**, City of Industry, CA (US)

6,750,419 B2 * 6/2004 Roddy B23K 11/3009 219/117.1
D492,709 S * 7/2004 Horner-Richardson D15/144
D499,124 S * 11/2004 Kuraoka D15/144
D500,064 S * 12/2004 Kuraoka D15/144
D504,142 S * 4/2005 Horner-Richardson D15/144
D517,577 S * 3/2006 Conway D15/144
D527,401 S * 8/2006 Mizuno D15/144
D647,548 S * 10/2011 Savill, Jr. D15/144
D720,784 S * 1/2015 Hassan D15/144
D721,111 S * 1/2015 Hassan D15/144
D744,563 S * 12/2015 Hassan D15/144

* cited by examiner

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

Primary Examiner — Patricia Palasik

(21) Appl. No.: **29/542,374**

(74) *Attorney, Agent, or Firm* — Perkins Coie LLP

(22) Filed: **Oct. 13, 2015**

(51) **LOC (10) Cl.** **15-09**

(57) **CLAIM**

(52) **U.S. Cl.**
USPC **D15/144**

The ornamental design for an air cooled plasma torch electrode, as shown and described.

(58) **Field of Classification Search**
USPC D15/144, 144.1, 144.2
See application file for complete search history.

DESCRIPTION

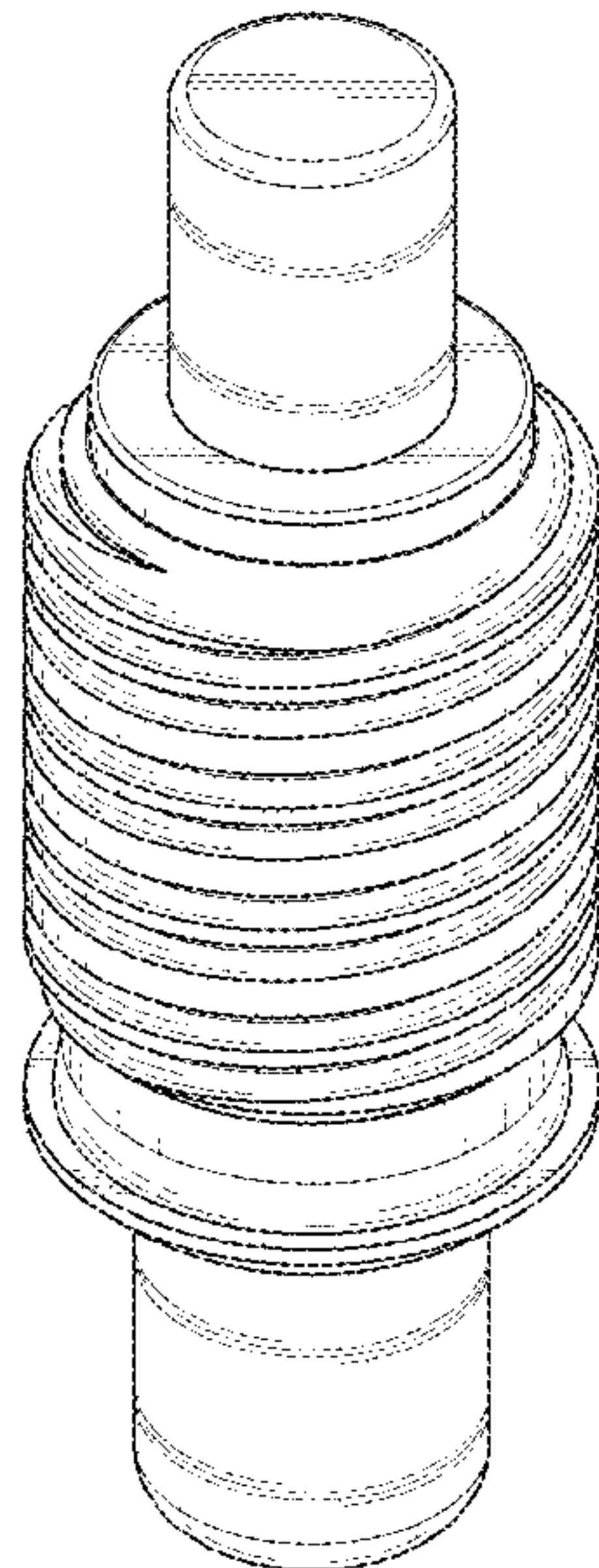
(56) **References Cited**

U.S. PATENT DOCUMENTS

D231,834 S * 6/1974 Gulrich D15/144
D269,519 S * 6/1983 Braun D15/138
D359,058 S * 6/1995 Carkhuff D15/144
D362,860 S * 10/1995 Carkhuff D15/144
D365,345 S * 12/1995 Carkhuff D15/144
D371,058 S * 6/1996 Walters 219/119
D384,682 S * 10/1997 Turner D15/144
D414,788 S * 10/1999 Shintani D15/144
D417,459 S * 12/1999 Shintani D15/144
D446,530 S * 8/2001 Kuraoka D15/144
D446,795 S * 8/2001 Shintani D15/144
D451,113 S * 11/2001 Shintani D15/144
6,355,901 B1 * 3/2002 Nippert B23K 11/3018 219/119

FIG. 1 is a perspective view of a design for an air cooled plasma torch electrode;
FIG. 2 is a top plan view of a design for the air cooled plasma torch electrode;
FIG. 3 is a bottom plan view of a design for the air cooled plasma torch electrode;
FIG. 4 is a back elevational view of a design for the air cooled plasma torch electrode;
FIG. 5 is a front side elevational view of a design for the air cooled plasma torch electrode;
FIG. 6 is a right side elevational view of a design for the air cooled plasma torch electrode; and,
FIG. 7 is a left side elevational view of a design for the air cooled plasma torch electrode.

1 Claim, 3 Drawing Sheets



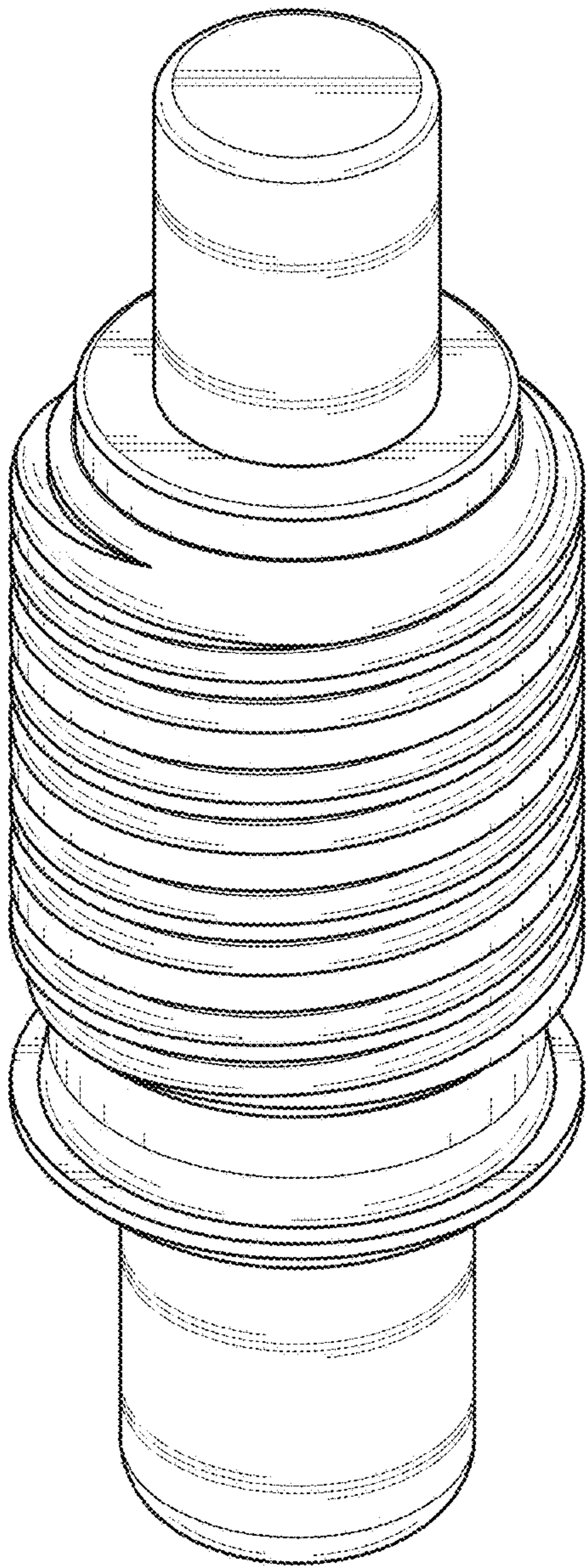


FIG. 1

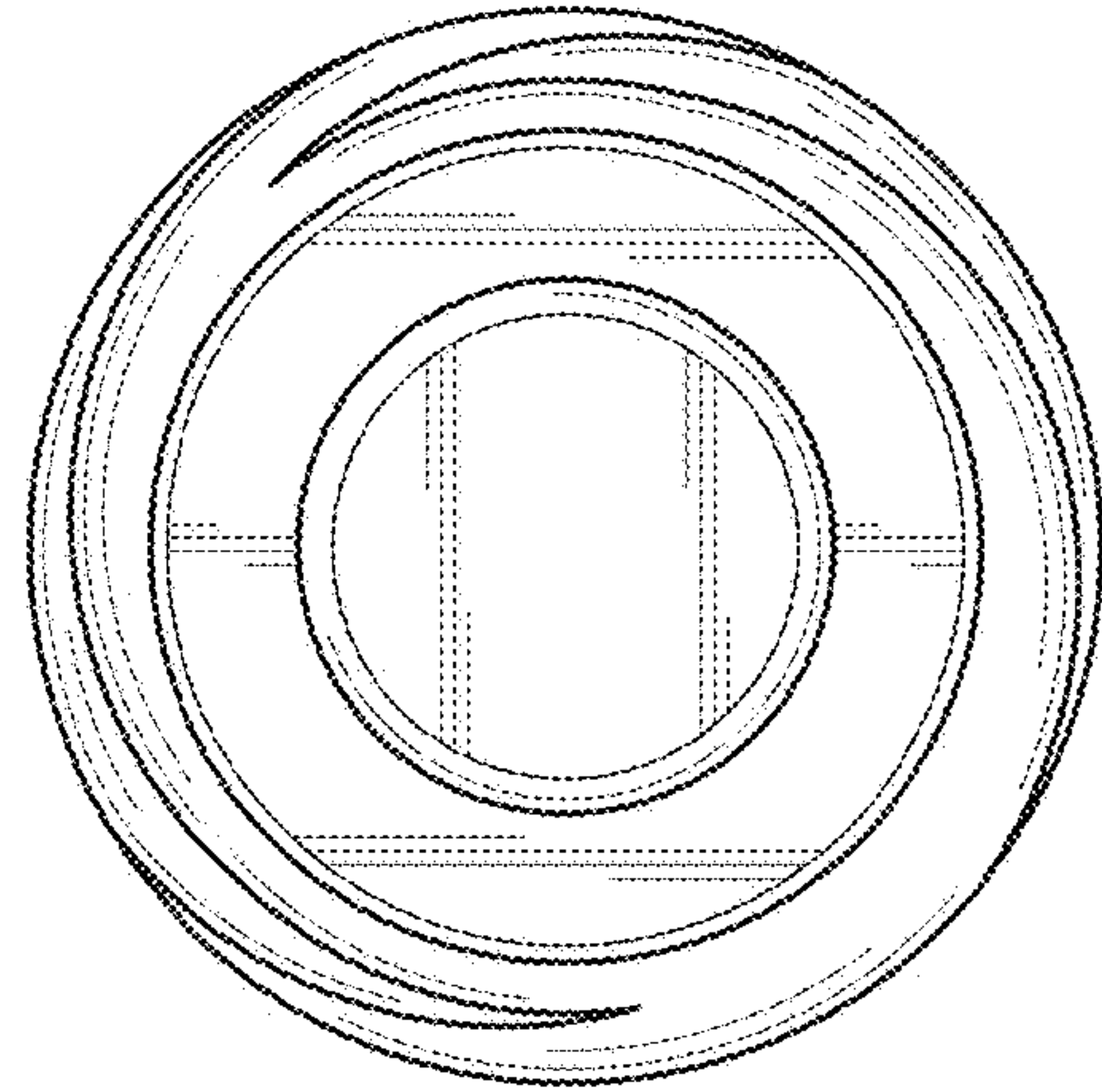


FIG. 2

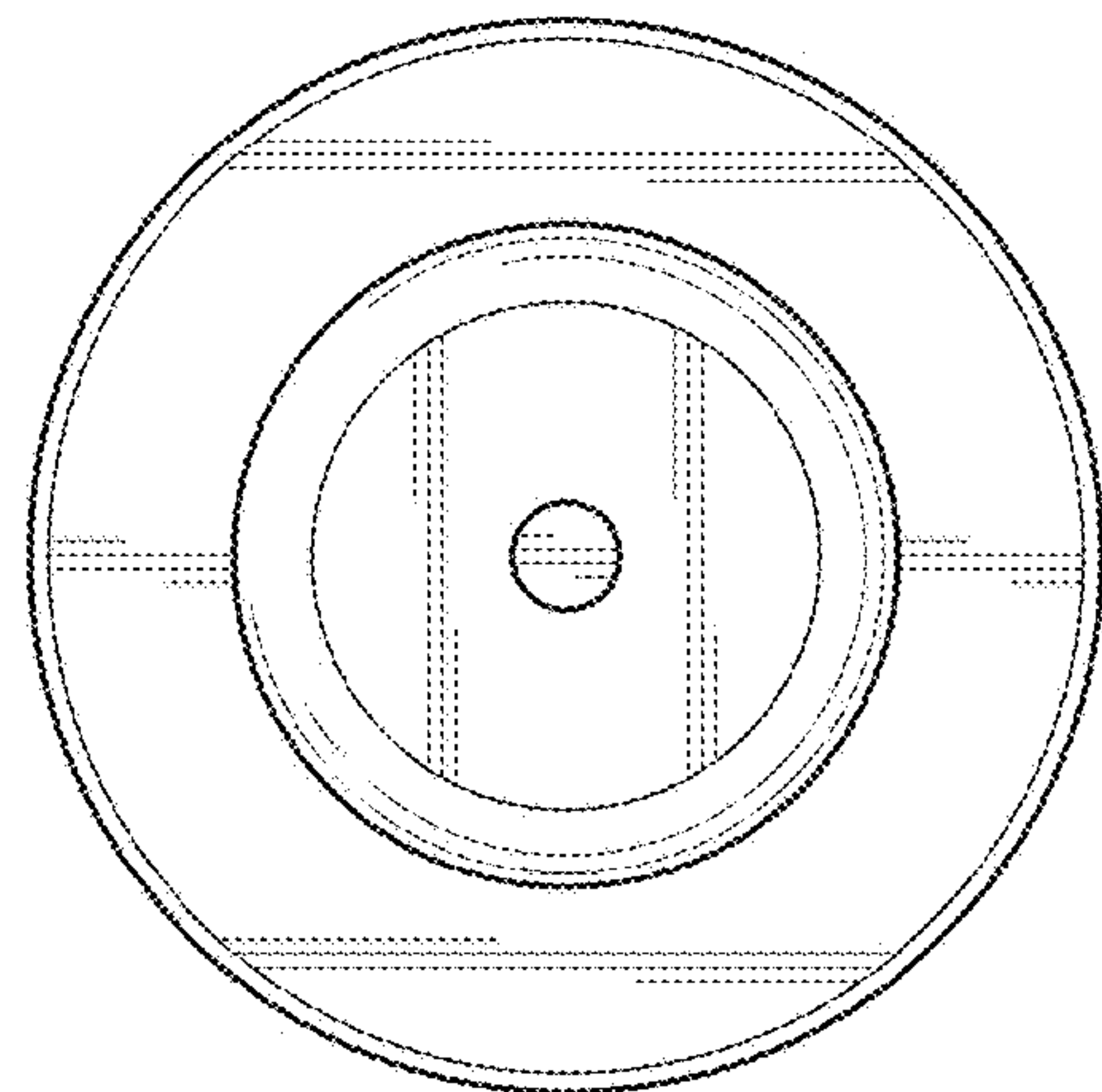


FIG. 3

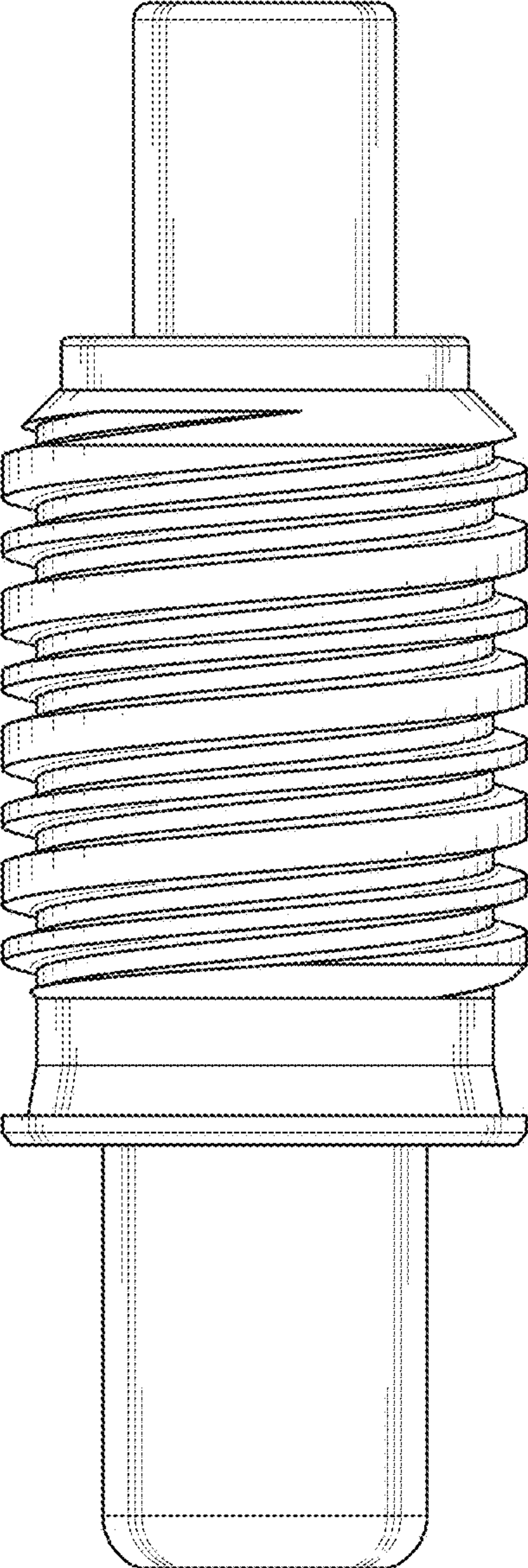


FIG. 4

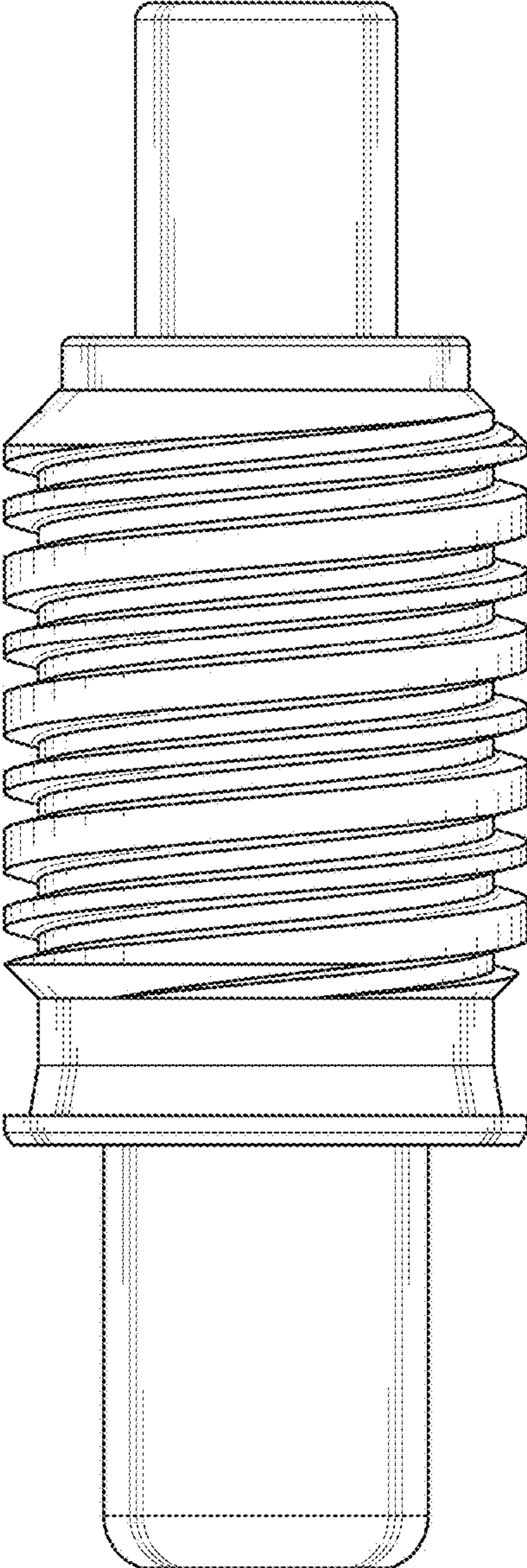


FIG. 5

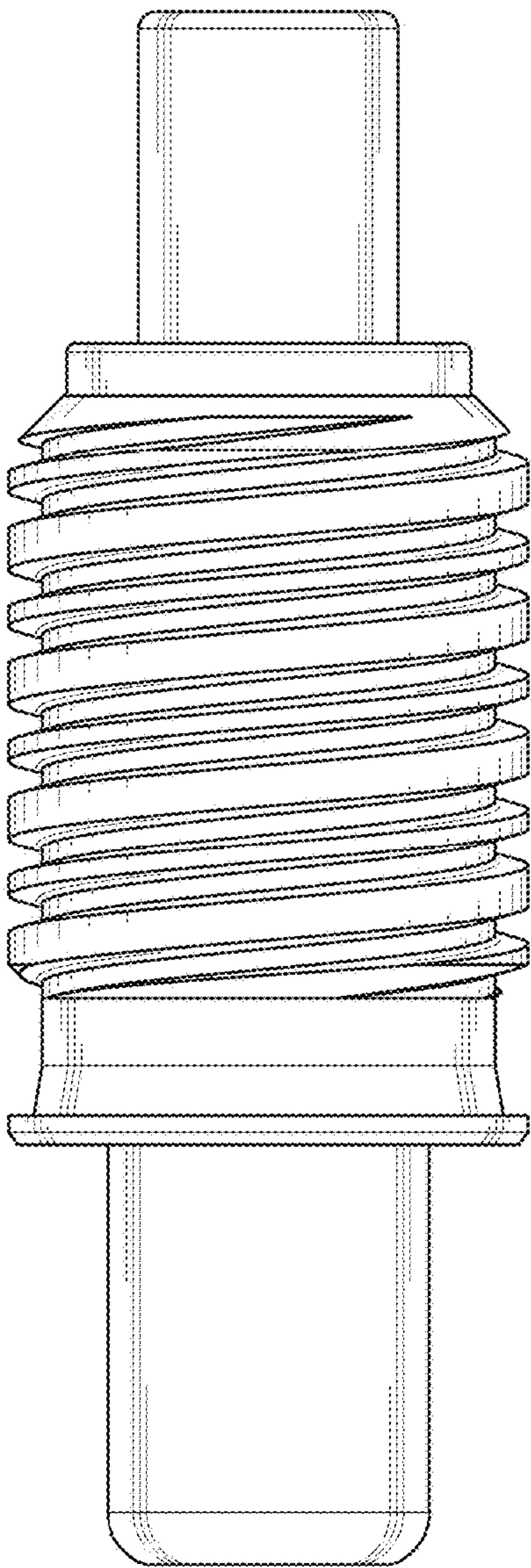


FIG. 6

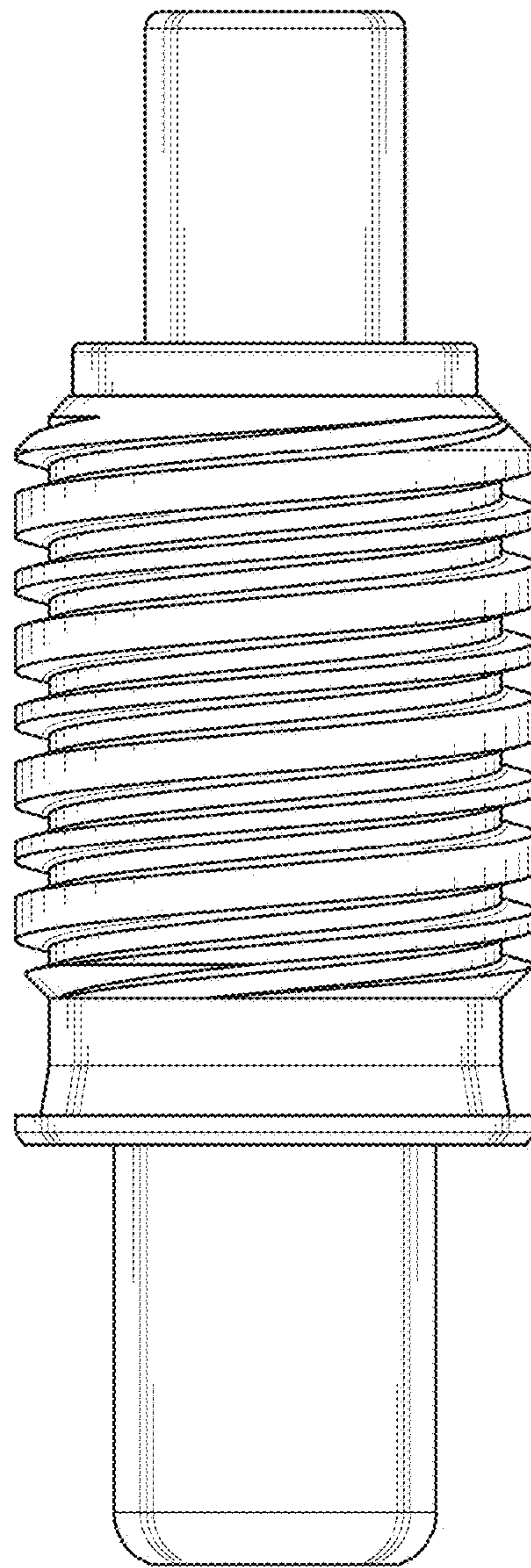


FIG. 7