



US00D385352S

United States Patent [19]

Bales et al.

[11] Patent Number: **Des. 385,352**

[45] Date of Patent: ****Oct. 21, 1997**

- [54] **SUTURE ANCHOR SCREW**
- [75] Inventors: **Joel P. Bales, Warsaw, Ind.; S. Kyle Hayes, Laguna Niguel, Calif.**
- [73] Assignee: **Zimmer, Inc., Warsaw, Ind.**
- [**] Term: **14 Years**
- [21] Appl. No.: **22,242**
- [22] Filed: **May 2, 1994**
- [51] LOC (6) Cl. **24-02**
- [52] U.S. Cl. **D24/145**
- [58] Field of Search **D24/145, 146; D15/138, 139; 606/67, 62, 65, 73, 232, 87, 79, 82**

[56] References Cited

U.S. PATENT DOCUMENTS

D. 331,463	12/1992	Rosenberg et al.	D24/145
4,632,100	12/1986	Somers et al.	128/92
4,959,064	9/1990	Engelhardt	606/65
5,013,316	5/1991	Goble et al.	D24/145 X
5,098,435	3/1992	Stednitz et al.	606/79 X
5,100,417	3/1992	Cerier et al.	606/139
5,102,421	4/1992	Anspach, Jr.	606/232
5,141,520	8/1992	Goble et al.	606/232
5,156,616	10/1992	Meadows et al.	606/232
5,259,398	11/1993	Vrespa	606/67 X
5,268,001	12/1993	Nicholson et al.	606/72
5,364,400	11/1994	Rego, Jr. et al.	D24/145 X
5,370,662	12/1994	Stone et al.	606/73 X
5,411,506	5/1995	Goble et al.	D24/145 X

OTHER PUBLICATIONS

Zimmer, Inc. lit.—Resistance to Suture Abrasion of the Statak Device—1993.
 Linvatec lit.—Rotator Cuff Repair With A New Twist—Orthopedics Today—Jul. 1993.

Zimmer, Inc. lit.—Mini Statak Subcortical Insertion—1993.
 Arthrotek lit.—The Harpoon—JBJS, Mar. 1994.

Primary Examiner—Doris V. Coles
Assistant Examiner—I. Simmons
Attorney, Agent, or Firm—Cary R. Reeves

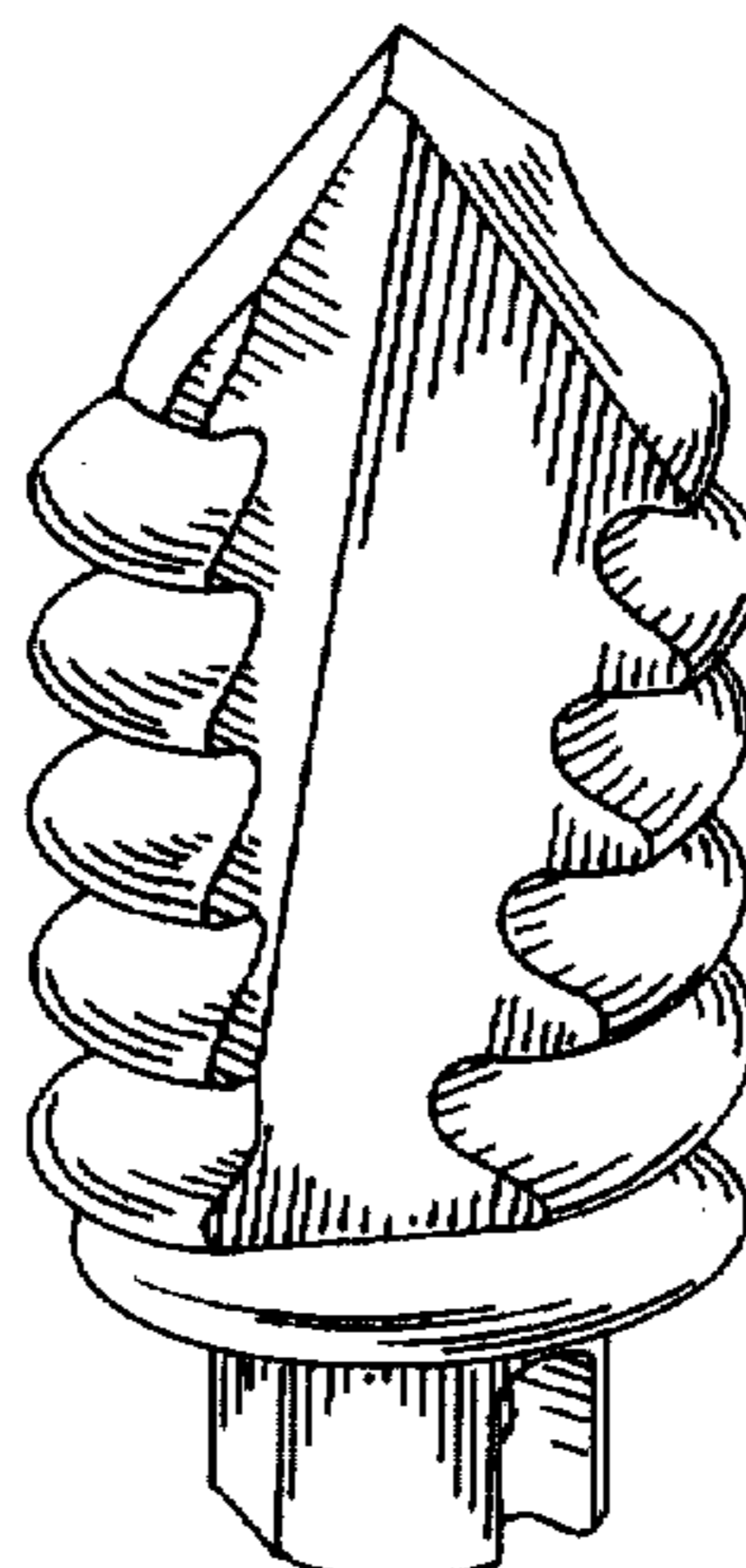
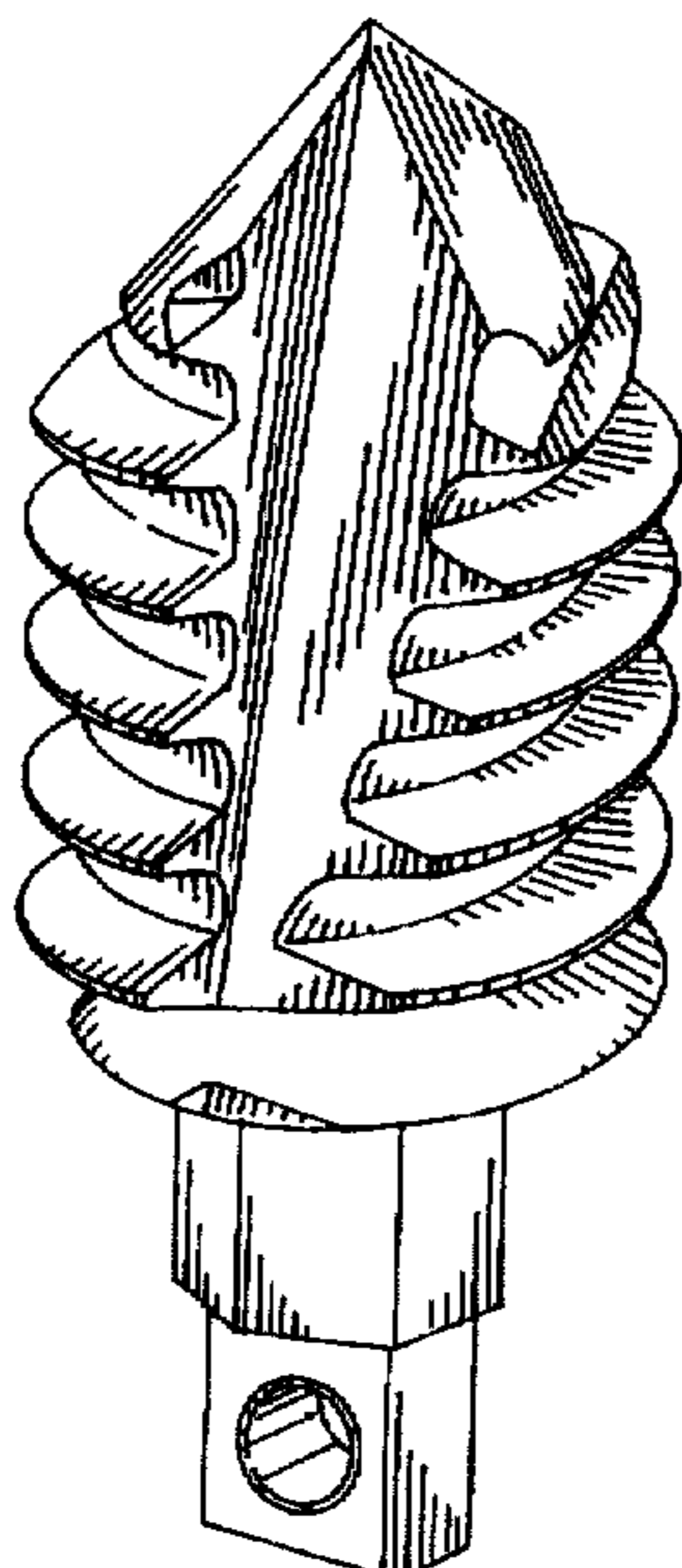
[57] CLAIM

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

DESCRIPTION

FIG. 1 is a perspective view of a suture anchor screw showing an embodiment our new design;
 FIG. 2 is a side elevational view thereof;
 FIG. 3 is a side elevational view thereof, rotated ninety degrees from the view of FIG. 2;
 FIG. 4 is a side elevational view thereof, rotated ninety degrees from the view of FIG. 3;
 FIG. 5 is a side elevational view thereof; rotated ninety degrees from the view of FIG. 4;
 FIG. 6 is a bottom plan view thereof; and
 FIG. 7 is a top plan view thereof;
 FIG. 8 is a perspective view of a suture anchor screw showing a second embodiment of my new design;
 FIG. 9 is a side elevational view thereof;
 FIG. 10 is a side elevational view thereof, rotated ninety degrees from the view of FIG. 2;
 FIG. 11 is a side elevational view thereof, rotated ninety degrees from the view of FIG. 3;
 FIG. 12 is a side elevational view thereof; rotated ninety degrees from the view of FIG. 4;
 FIG. 13 is a bottom plan view thereof; and,
 FIG. 14 is a top plan view thereof.

1 Claim, 4 Drawing Sheets



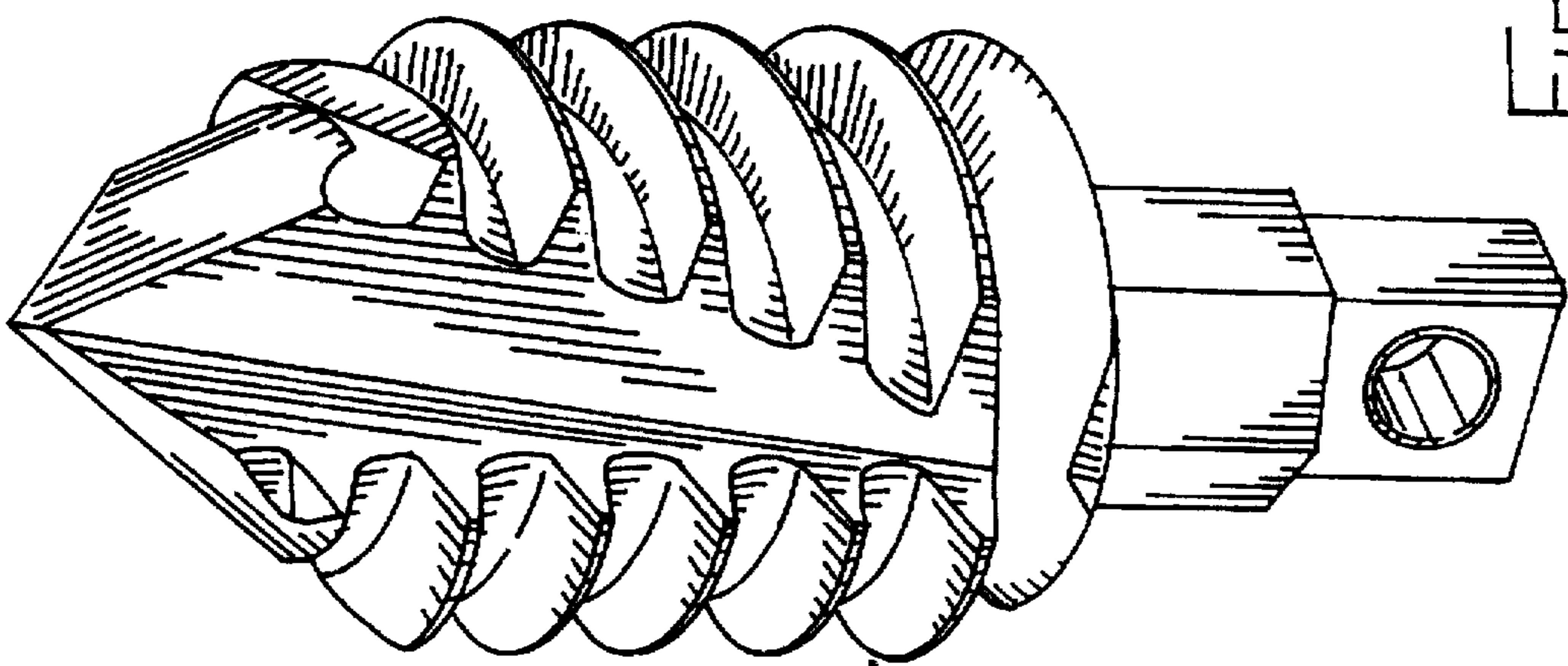


FIG. 1

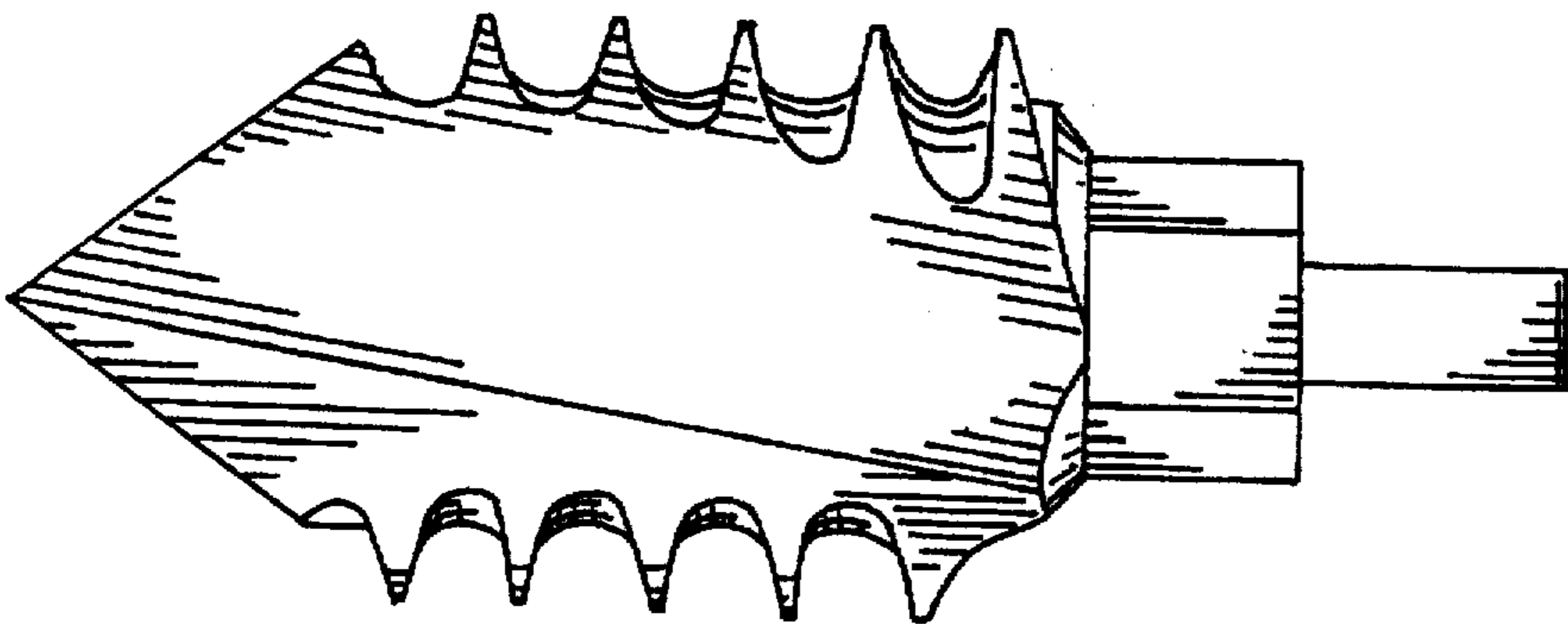


FIG. 2

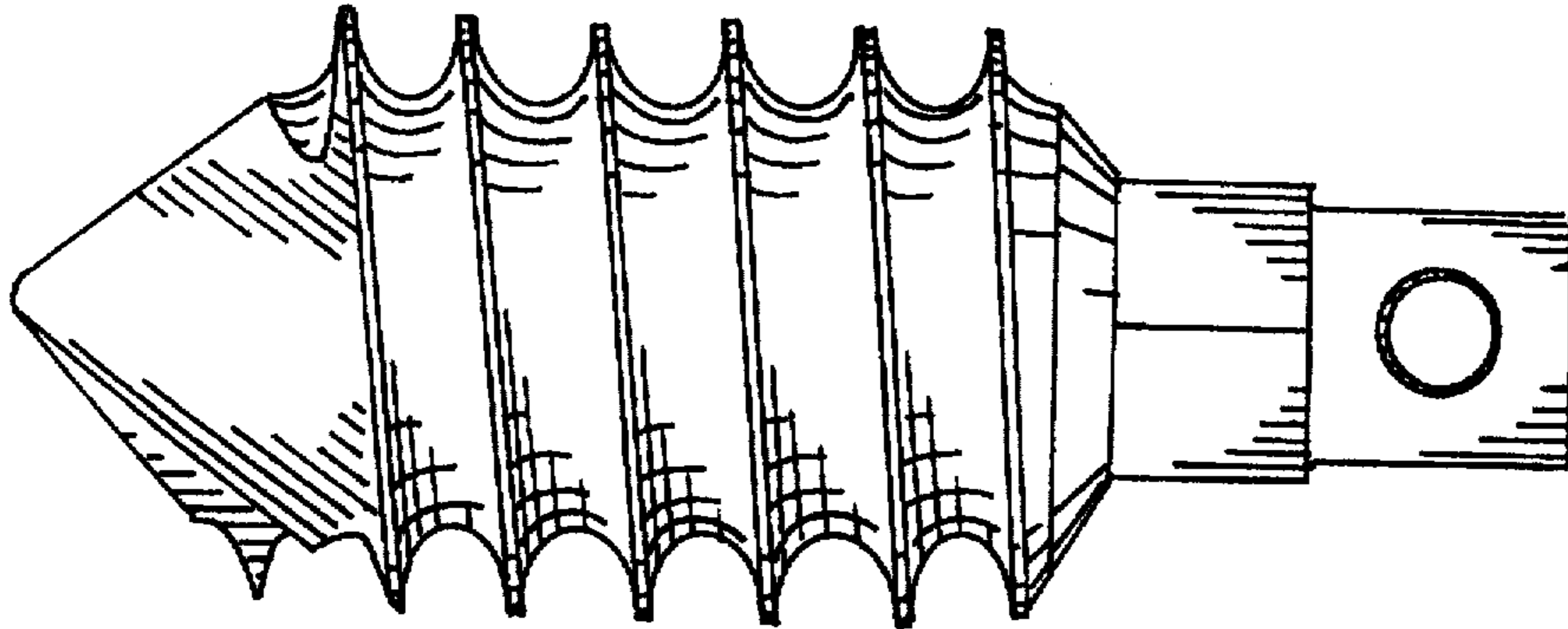


FIG. 3

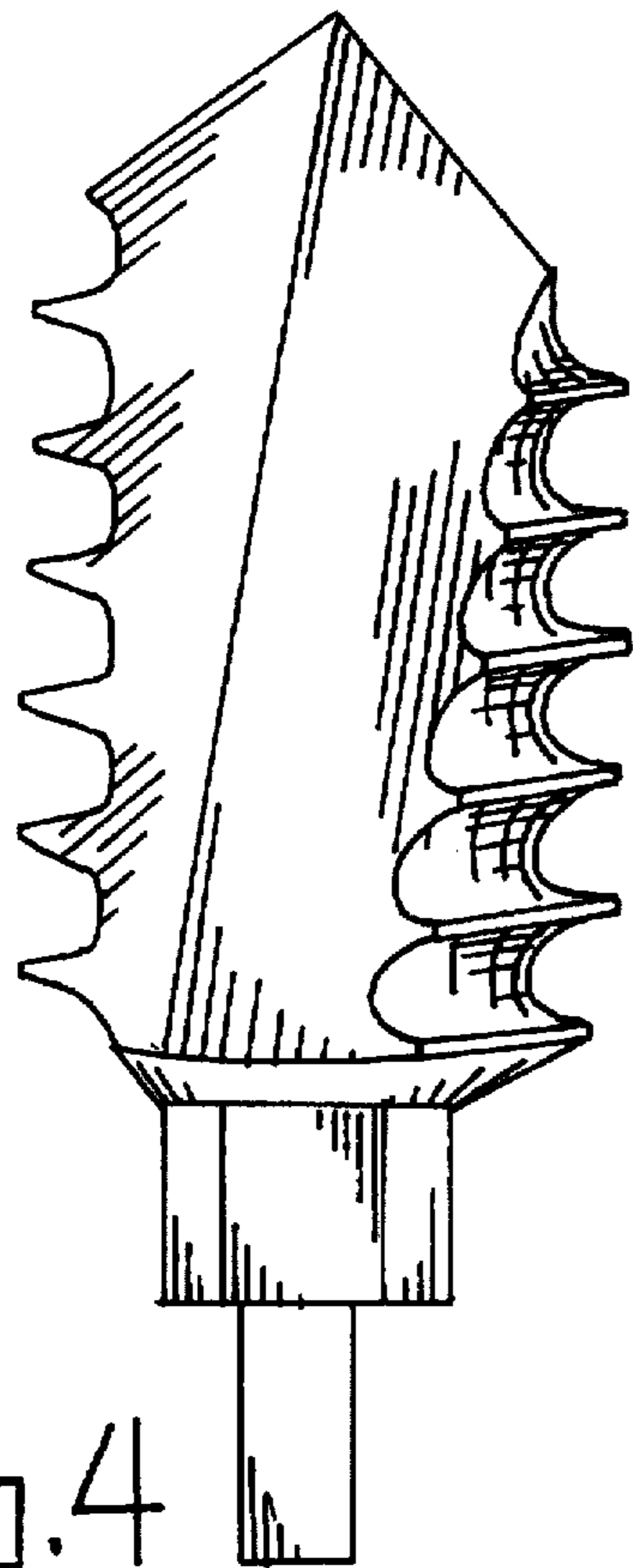


FIG. 4

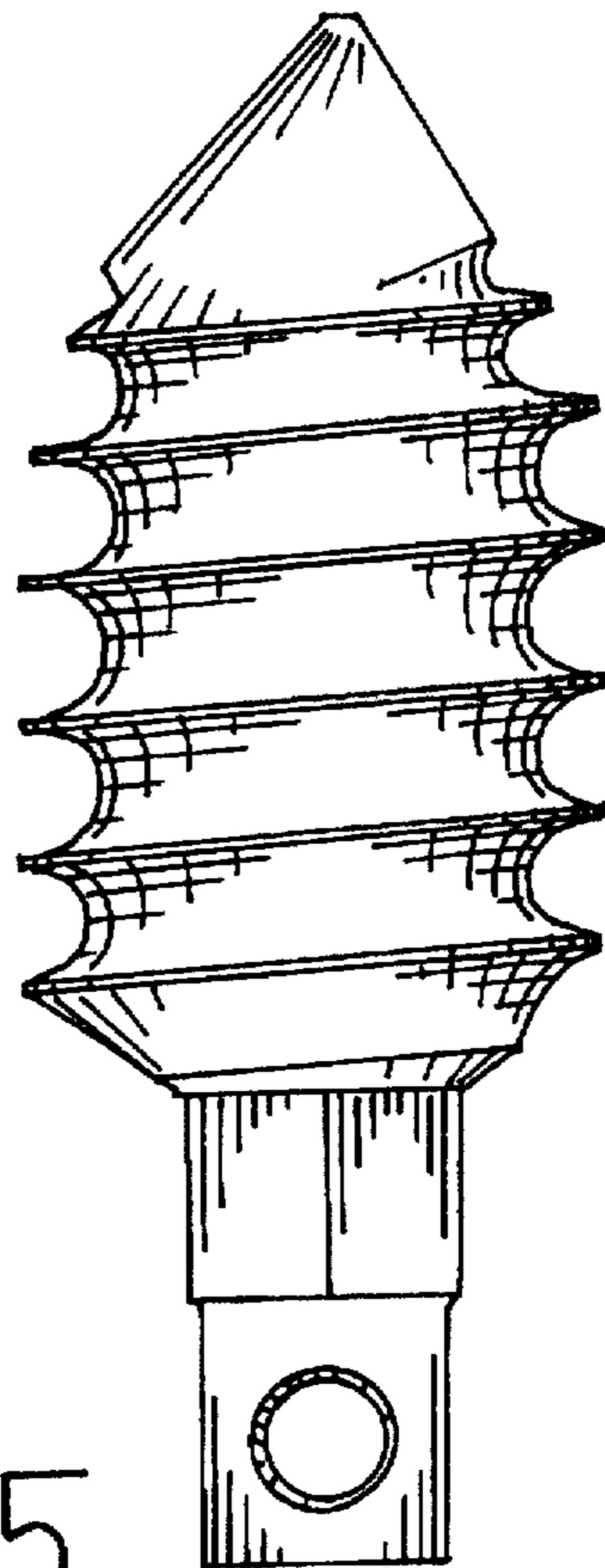


FIG. 5

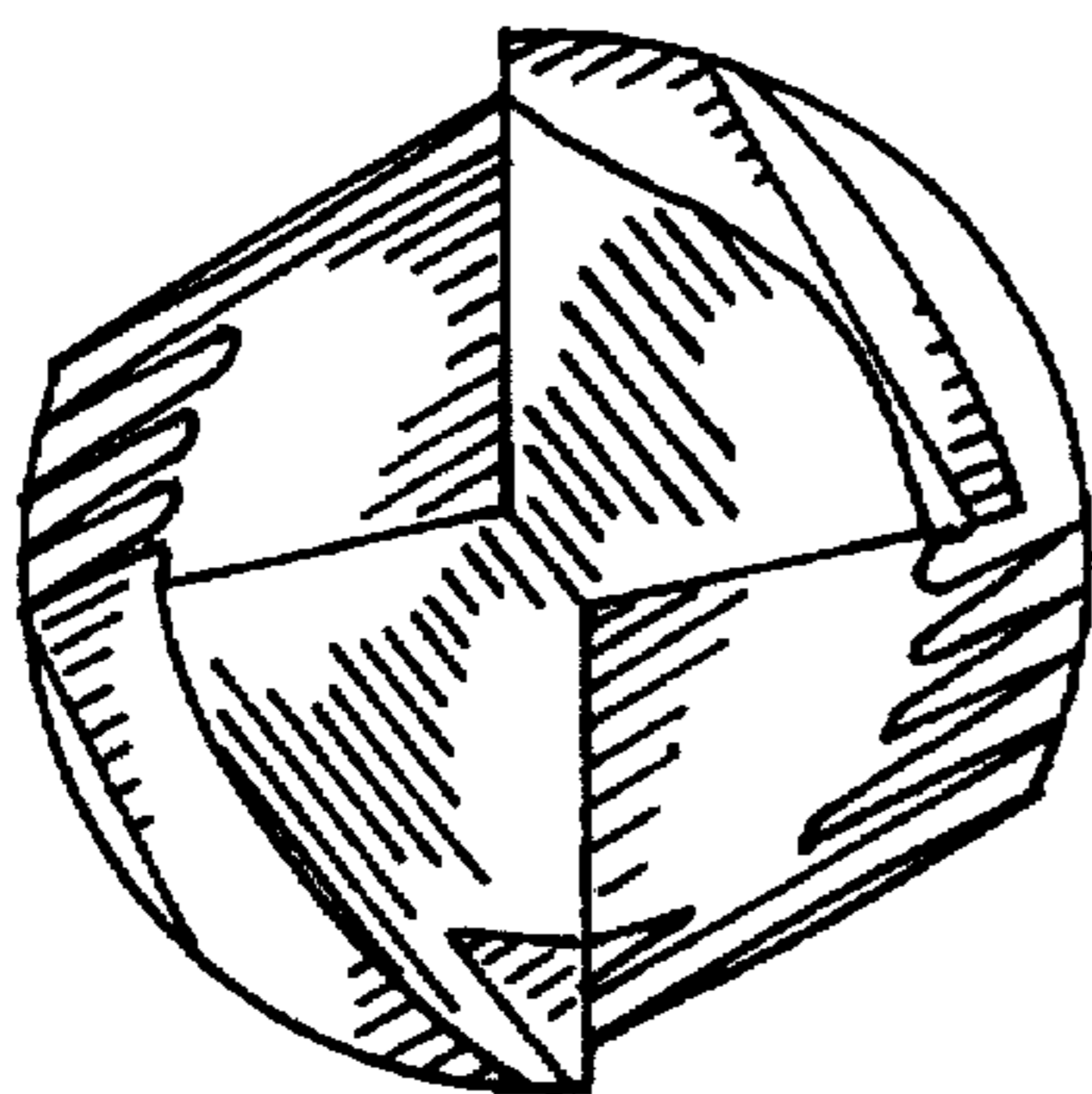


FIG. 6

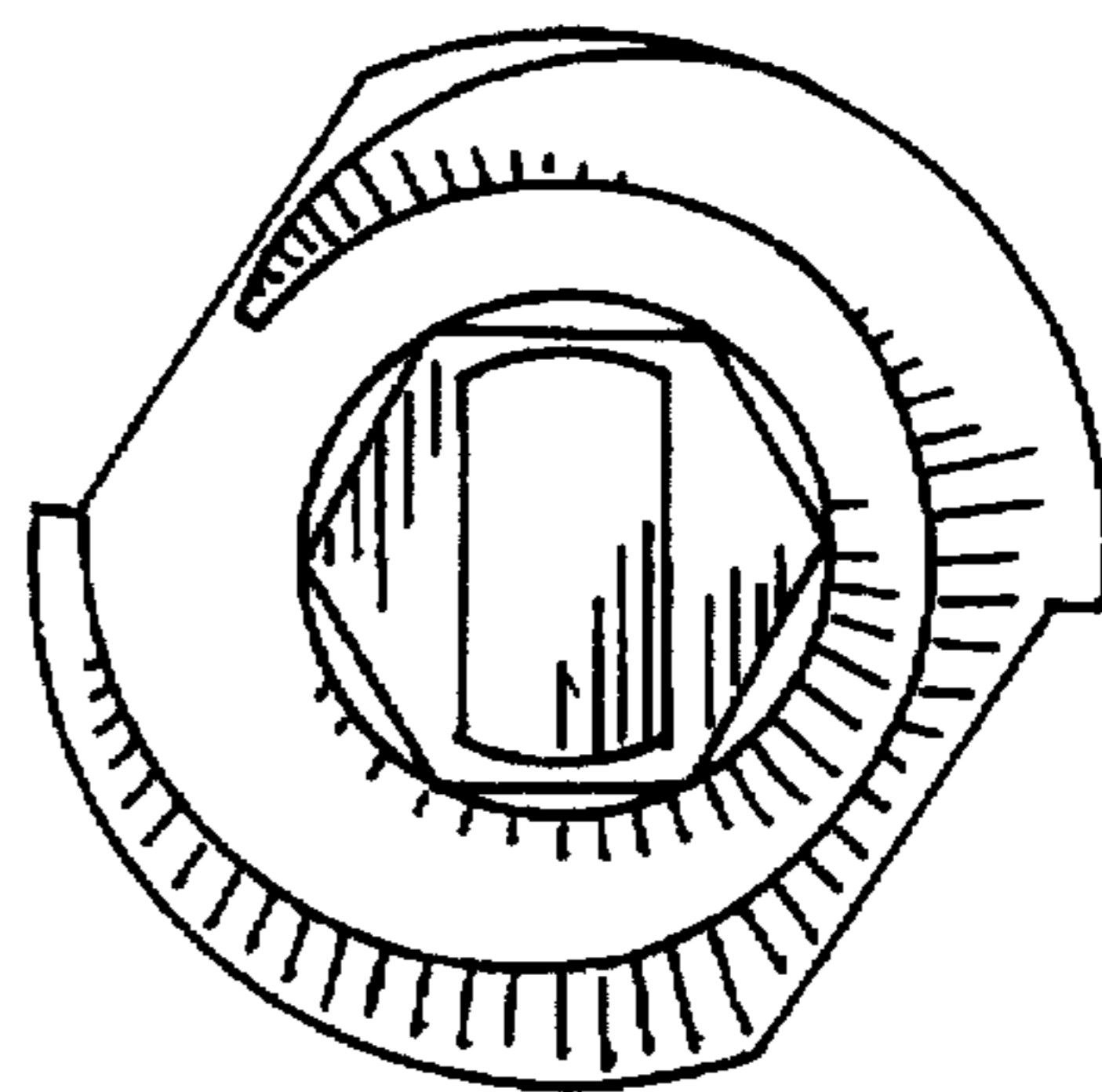


FIG. 7

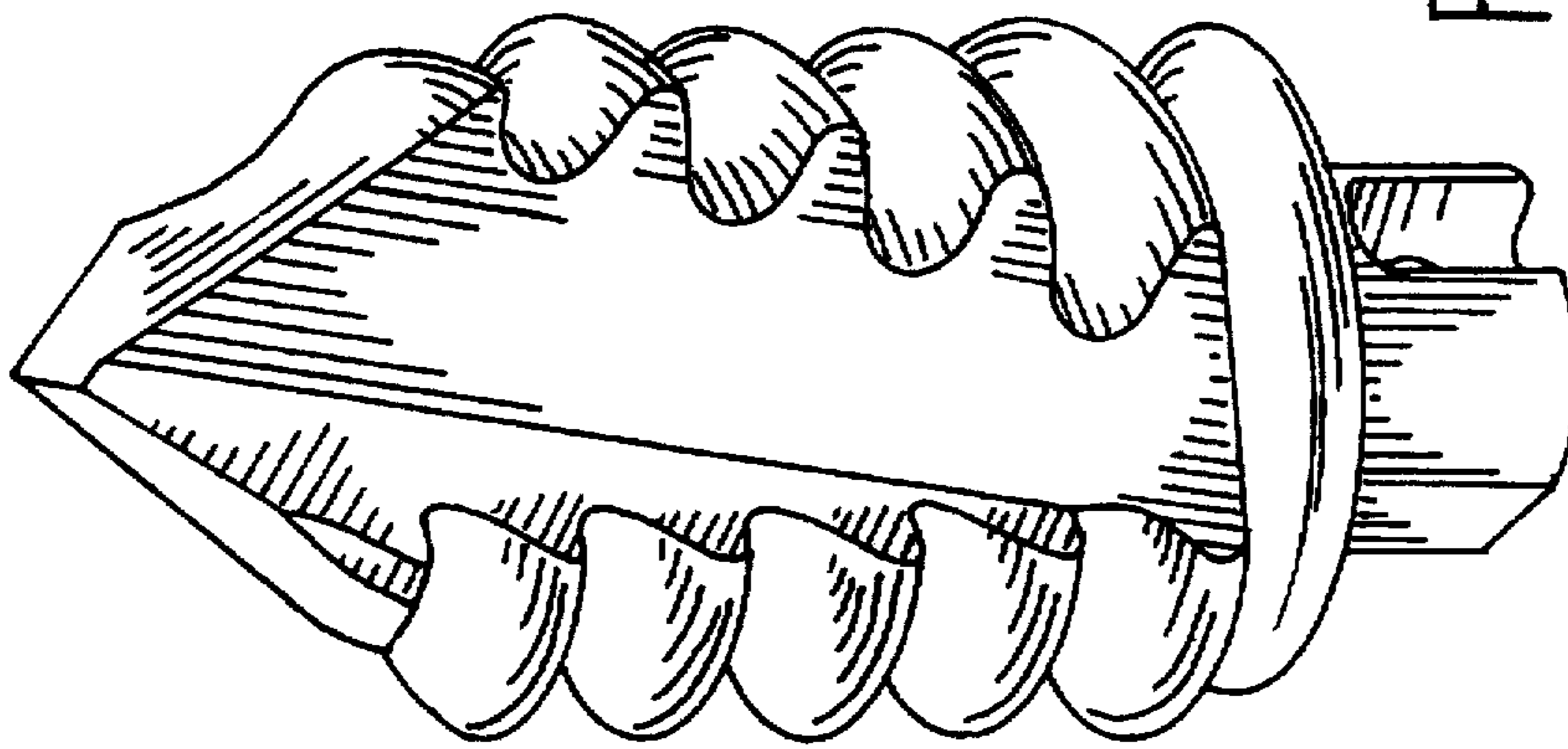


FIG. 8

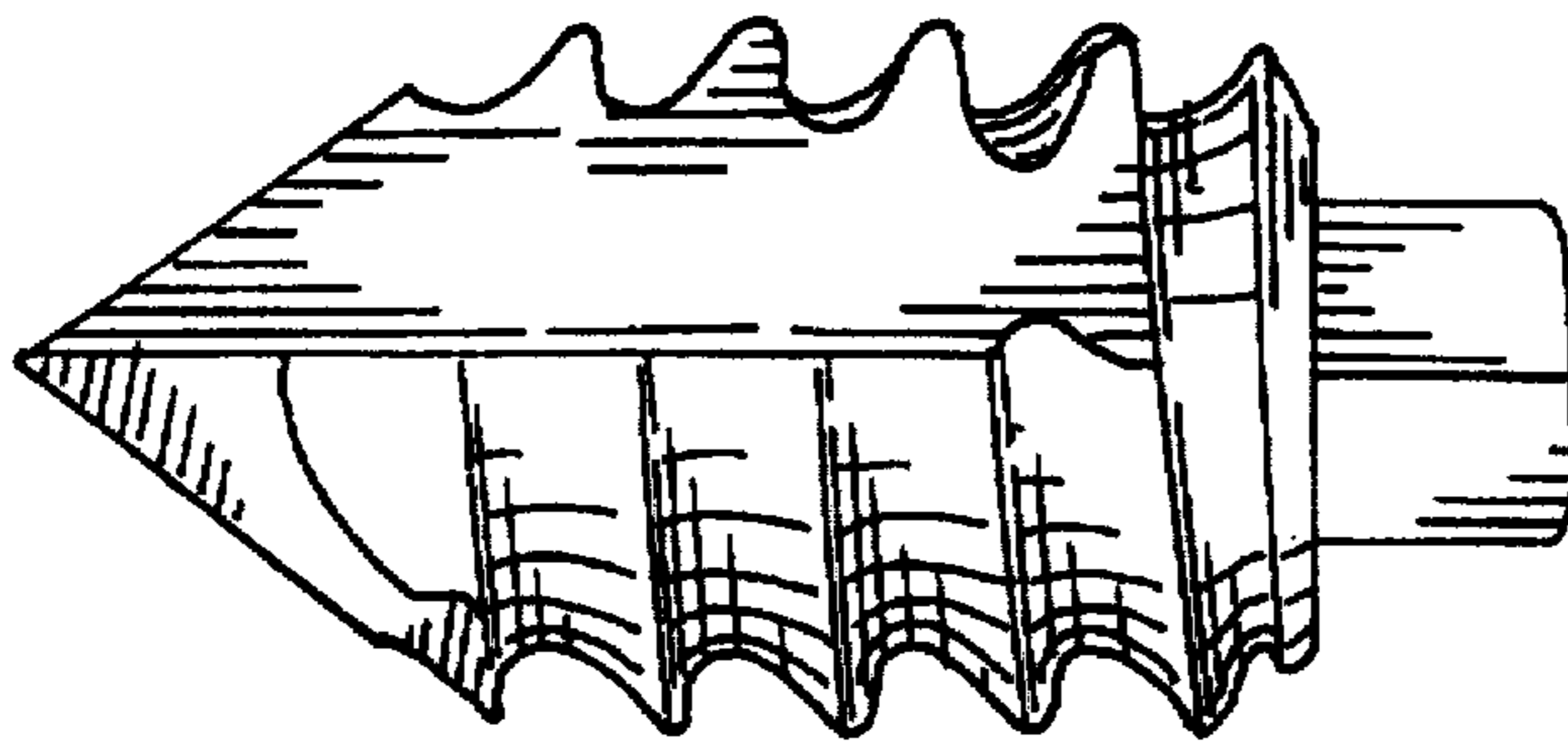


FIG. 9

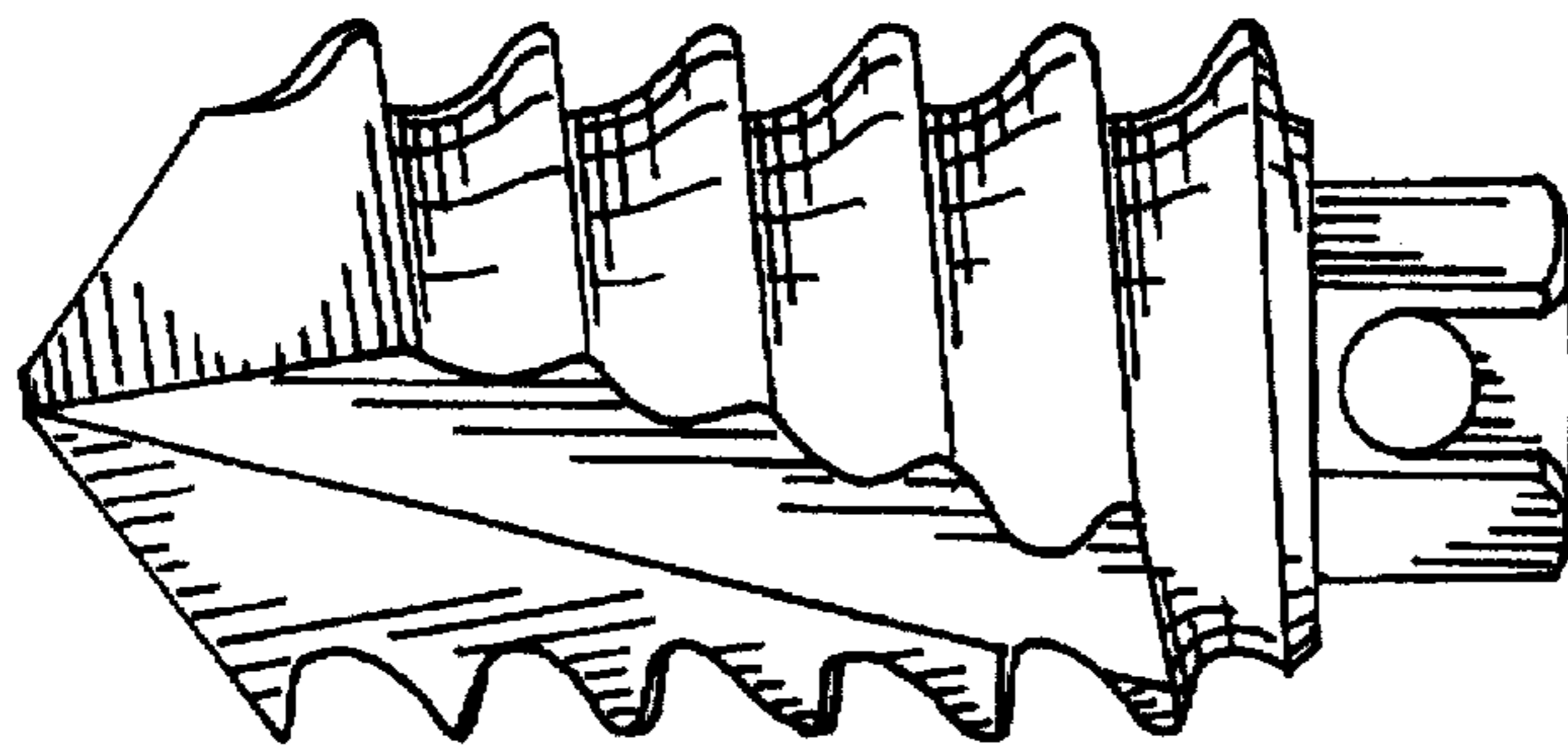


FIG. 10

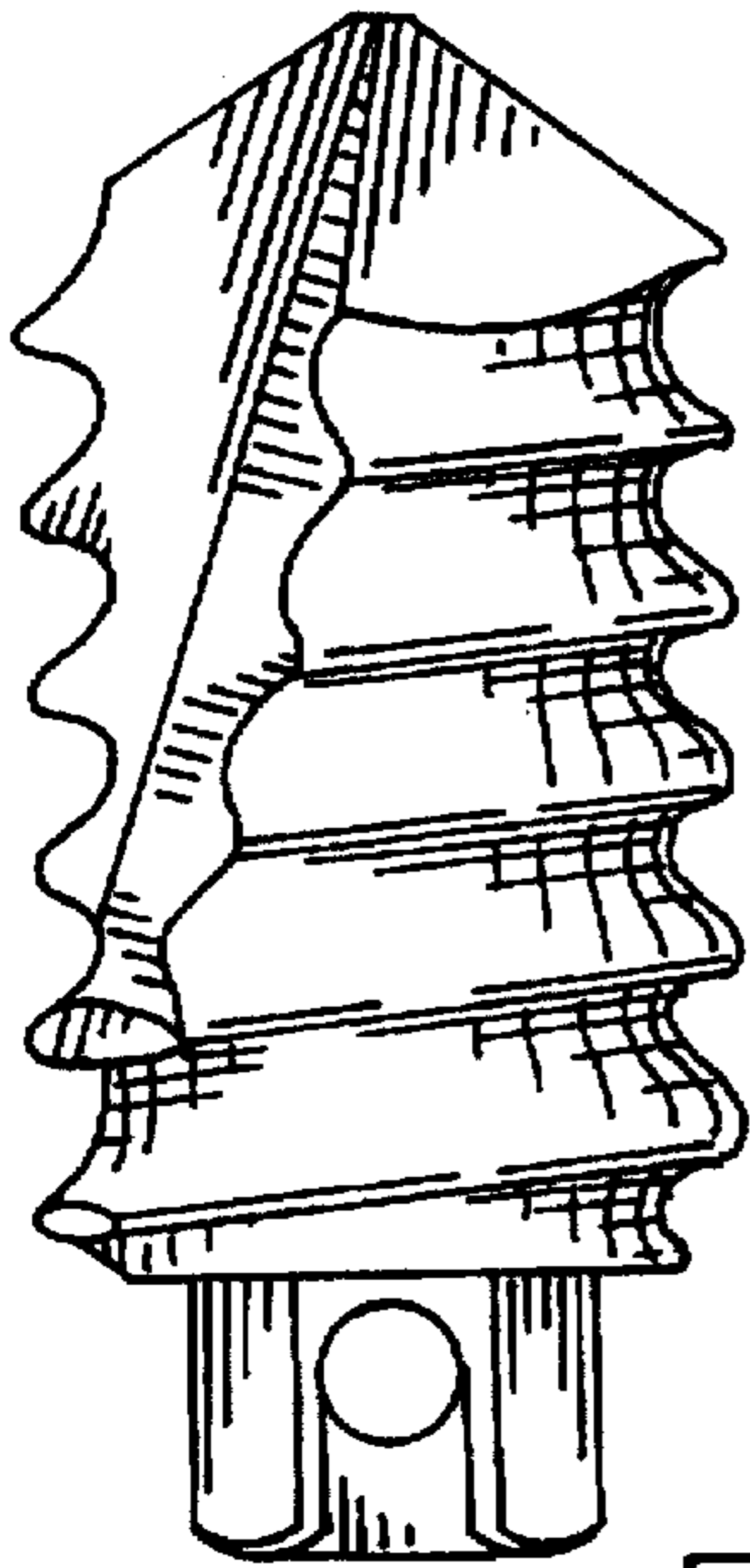


Fig. 12

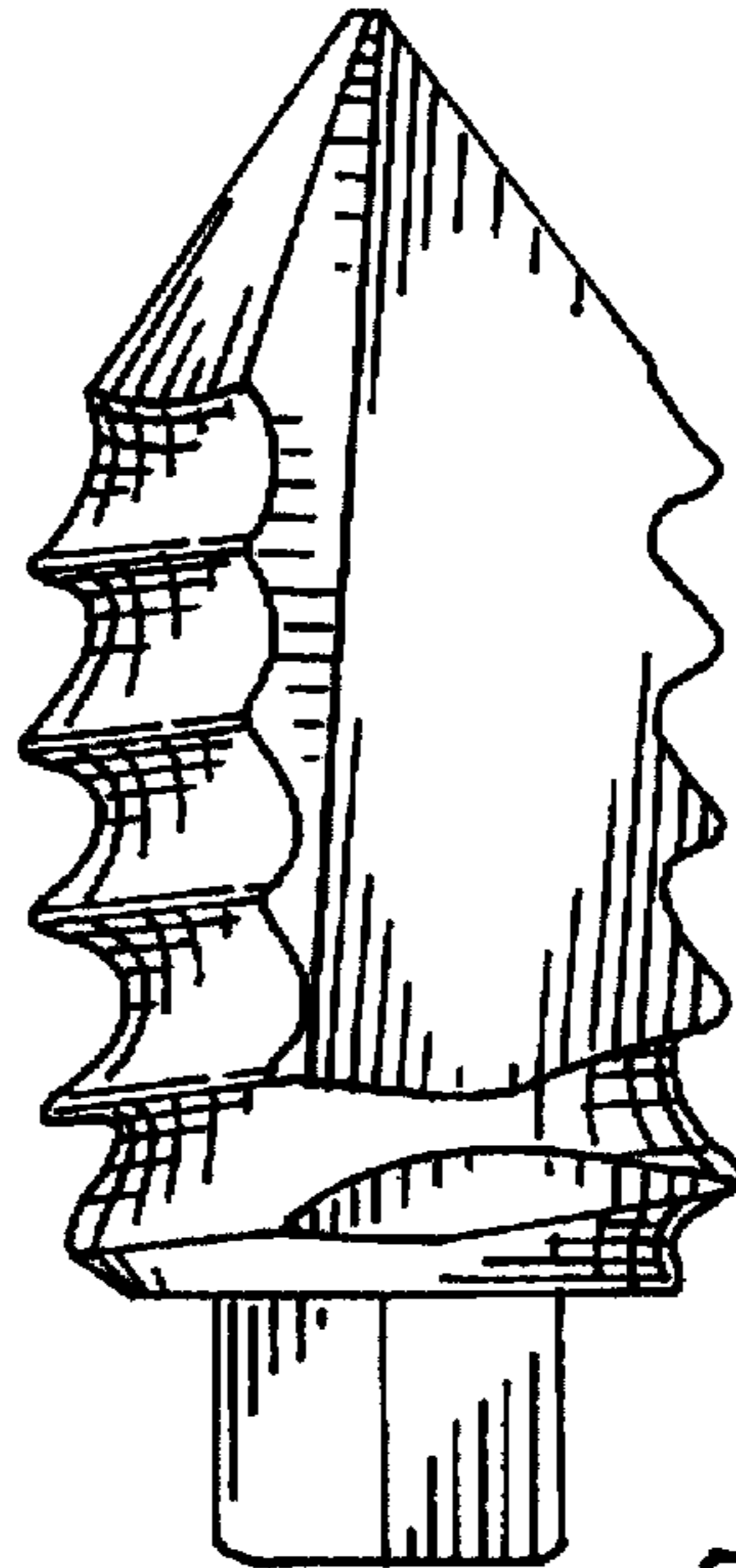


Fig. 11

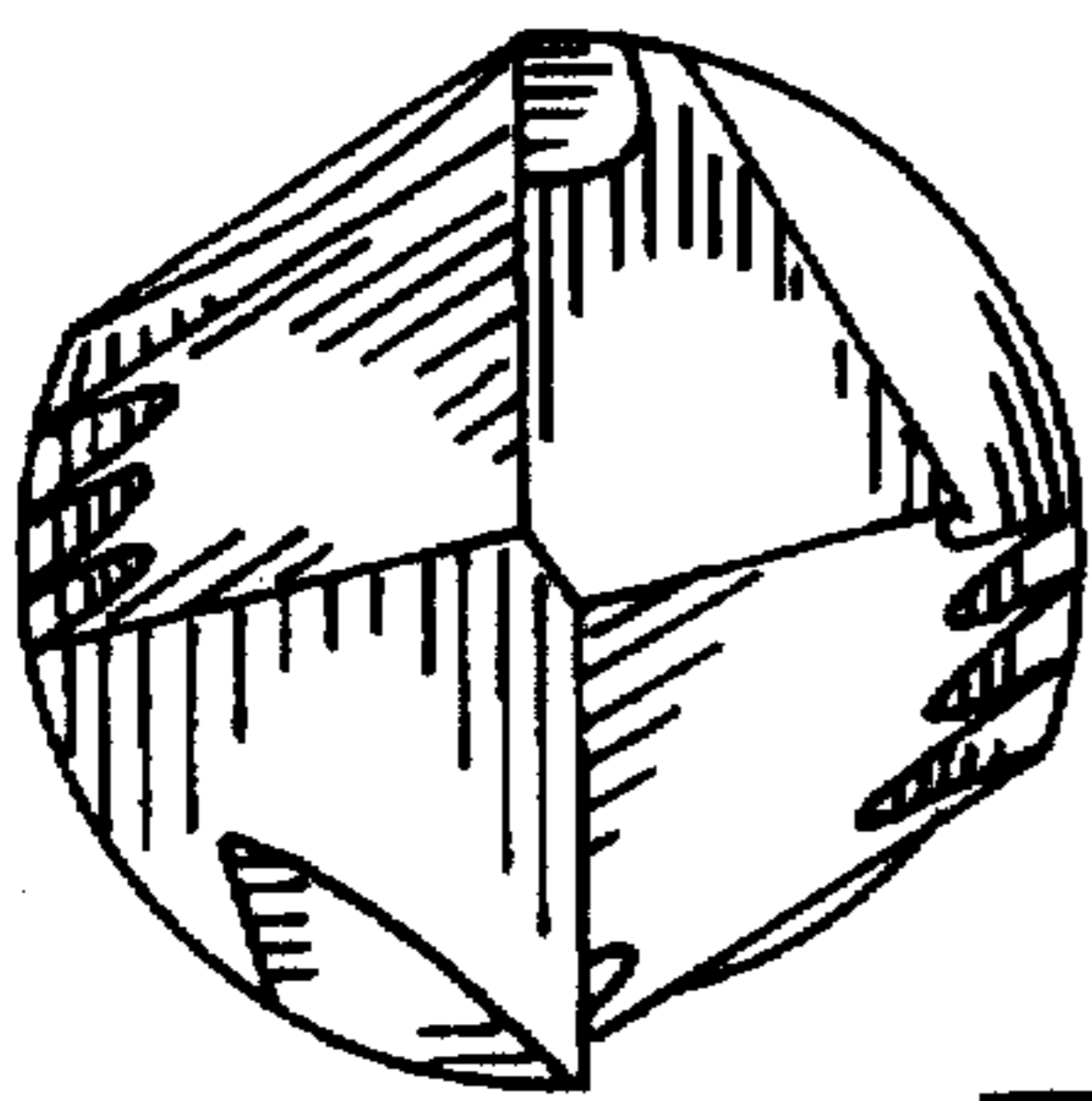


Fig. 13

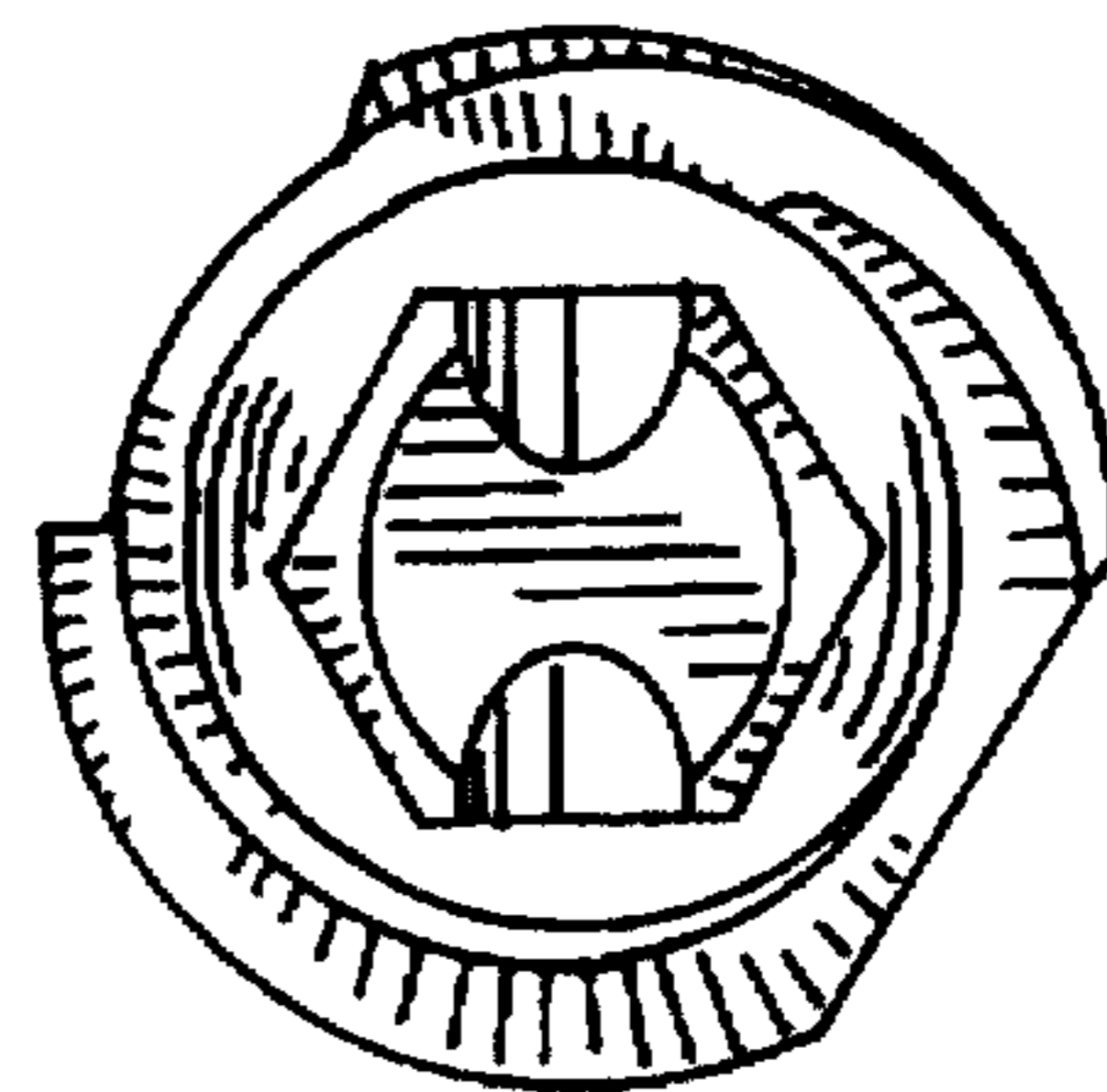


Fig. 14