



US00D535400S

(12) **United States Design Patent**
May

(10) **Patent No.:** **US D535,400 S**
(45) **Date of Patent:** **** Jan. 16, 2007**

(54) **TIBIAL MILL CUTTER**

(75) Inventor: **Gregory Walter May**, Sault Ste. Marie, MI (US)

(73) Assignee: **Microaire Surgical Instruments, LLC**, Charlottesville, VA (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/240,384**

(22) Filed: **Oct. 13, 2005**

(51) **LOC (8) Cl.** **24-02**

(52) **U.S. Cl.** **D24/146; D15/139**

(58) **Field of Classification Search** D24/146, D24/147, 177; D15/132, 133, 139, 126; D8/14, D8/70, 86; 606/53, 80, 86, 79, 88, 8; 408/213, 408/225, 227, 224, 212, 211; 175/426, 413
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

41,517 A *	2/1864	Low	408/230
1,387,994 A *	8/1921	Lewis	408/224
1,847,302 A *	3/1932	Emmons	408/144
1,908,887 A *	5/1933	Harrington et al.	76/115
4,032,251 A *	6/1977	Ribich	408/199
4,293,254 A *	10/1981	Markovics	408/229
D273,387 S *	4/1984	Lassiter	D15/139
D273,388 S *	4/1984	Lassiter	D15/139
D273,389 S *	4/1984	Lassiter	D15/139
D273,390 S *	4/1984	Lassiter	D15/139
D273,391 S *	4/1984	Lassiter	D15/139
4,710,072 A *	12/1987	Heule	408/18
D306,123 S *	2/1990	Ramsey	D8/14
5,173,014 A *	12/1992	Agapiou et al.	408/59
5,236,291 A *	8/1993	Agapiou et al.	408/211
5,312,207 A *	5/1994	Pomp	408/212
5,312,208 A *	5/1994	Shiga et al.	408/224

(Continued)

OTHER PUBLICATIONS

Zimmer Product Catalog, Item No. 00-2307-035-27 "ECT Insert Drill Sleeve", 3.5MM/2.7MM, Nov. 1997, Zimmer Trauma Fixation System, pp. 175.*

Zimmer Product Catalog, Item No. 1365-65 "Cranioplasty Bur", Dec. 31, 1983, Zimmer, Neurairetome Compnion products, pp. C54.*

SKF & Dormer Tools Corporation, Item No. 1701 "Light Duty Plain Milling Cutters", Mar. 1980, SKF & Dormer, End Mills and Milling Cutters No. 20EM, pp. 17.*

SKF & Dormer Tools Corporation, Item No. 1703 "Plain Tooth Side Milling Cutters", Mar. 1980, SKF & Dormer, End Mills and Milling Cutters No. 20EM, pp. 19.*

New York Twist Drill Corporation, Item No. 1561 "Woodruff Key Seat Cutters", Price Catalog Drills Taps & Dies REamers End Mills, New York Twist Drill Corporation, Apr. 1981, pp. 31.*

Forest City Tool Company, Item No. 816 DT & 820-DC, "Dovetail Trimmer & Slot Cutters", Feb. 1987, Forest City Tool Company, Woodworking Tools, pp. 14.*

The Foredom Electric Company, Item No. 106 "Vanadium Steel Cutters", Oct. 28, 1975, The Foreman Electric Company, Foredom Accessories, pp. 2.*

Dremel Product & Accessories Catalog, Item No. 198 & 199 "Carving/Engraving High Speed Cutters", Jan. 2002, Dremel, pp. 22.*

Primary Examiner—Jeffrey Asch

Assistant Examiner—Bridget L. Eland

(74) *Attorney, Agent, or Firm*—Whitham, Curtis, Christofferson & Cook, PC

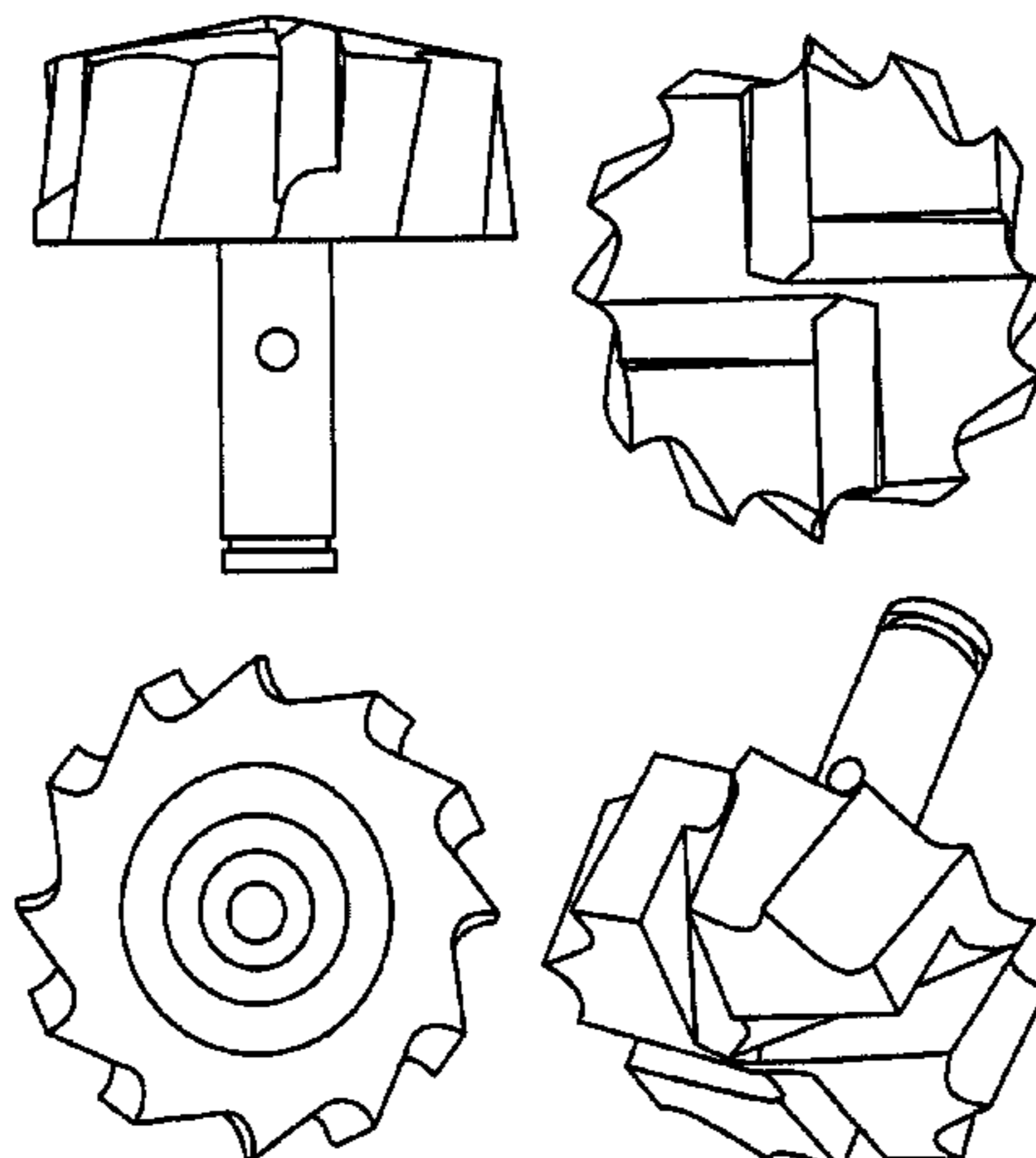
(57) **CLAIM**

I claim the ornamental design for an tibial mill cutter, as shown and described.

DESCRIPTION

FIG. 1 is a front view of the tibial mill cutter; FIG. 2 is a left side view of the tibial mill cutter; FIG. 3 is a right side view of the tibial mill cutter; FIG. 4 is a back view of the tibial mill cutter; FIG. 5 is a top view of the tibial mill cutter; FIG. 6 is a bottom view of the tibial mill cutter; and, FIG. 7 is an isometric view of the tibial mill cutter.

1 Claim, 7 Drawing Sheets



US D535,400 S

Page 2

U.S. PATENT DOCUMENTS

5,980,525	A	*	11/1999	Bryant et al.	606/80	6,547,495	B1	*	4/2003	Meece et al.	408/1 R
6,059,789	A	*	5/2000	Dinger et al.	606/96	2001/0019687	A1	*	9/2001	Eberhard	408/211
6,071,046	A	*	6/2000	Hecht et al.	408/225	2002/0141837	A1	*	10/2002	Feld	408/211
6,379,090	B1	*	4/2002	Halley et al.	408/227	2004/0156689	A1	*	8/2004	Shen	408/212
6,402,438	B1	*	6/2002	Boyer	408/144						

* cited by examiner

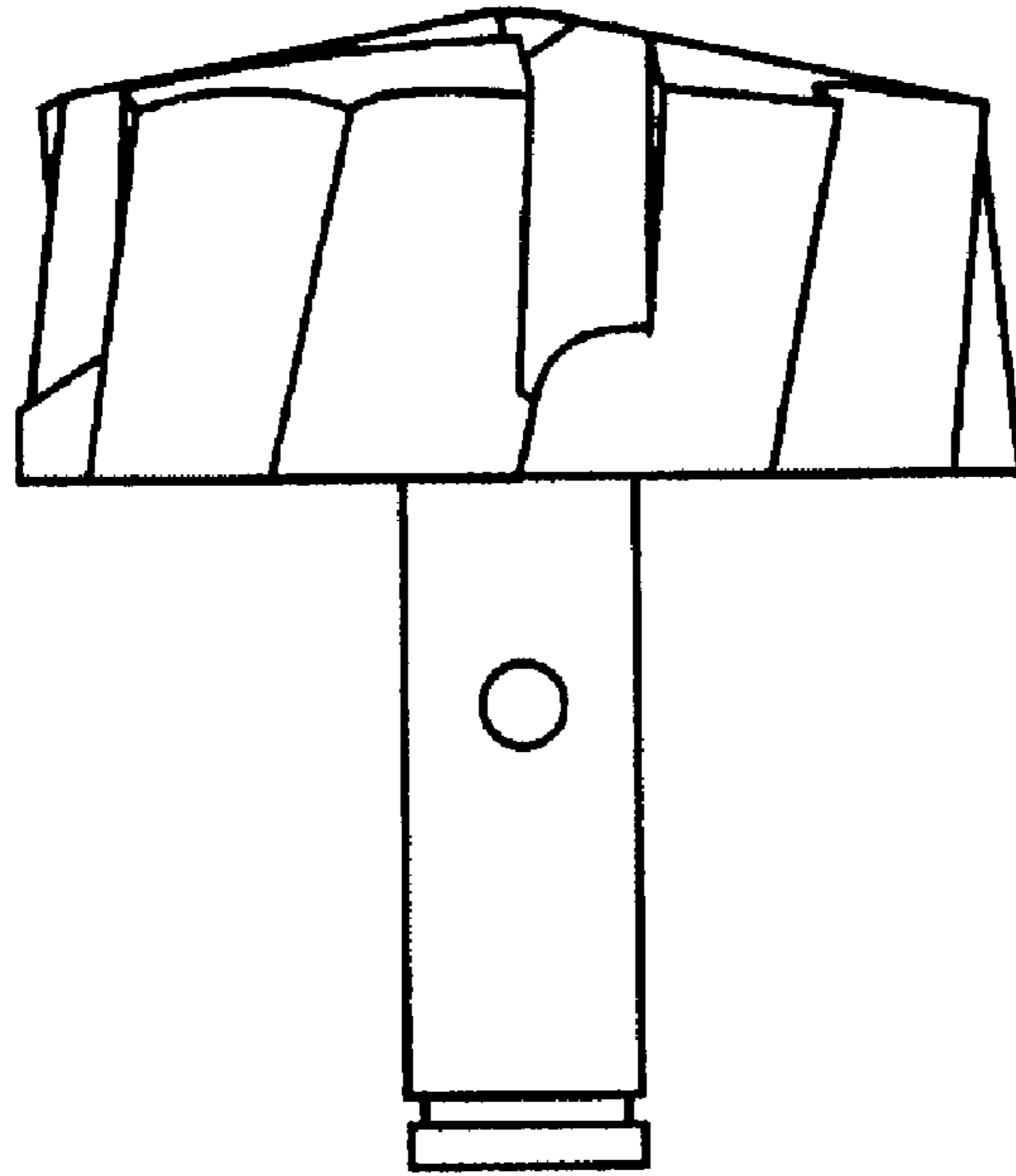


FIG. 1

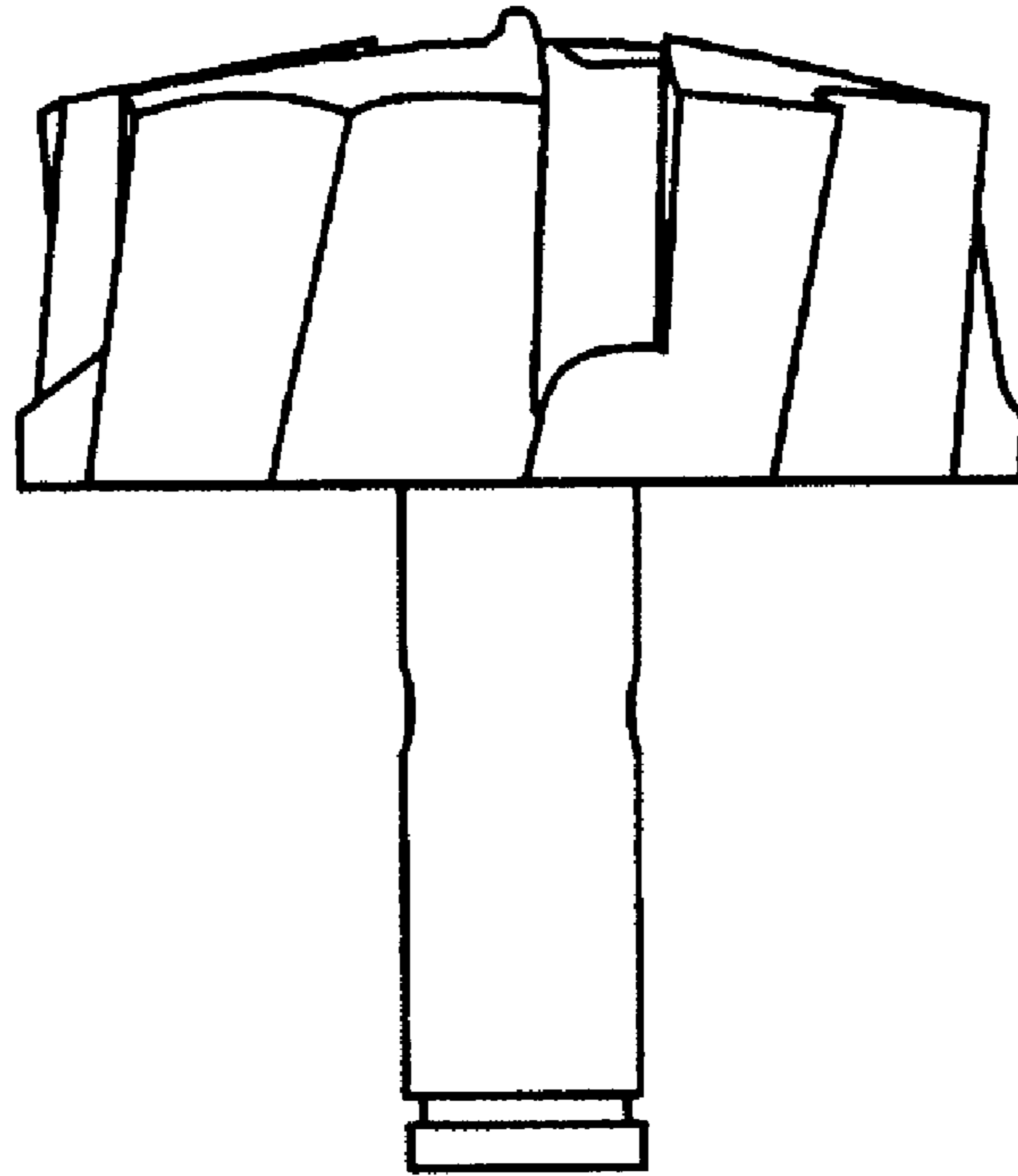


FIG. 2

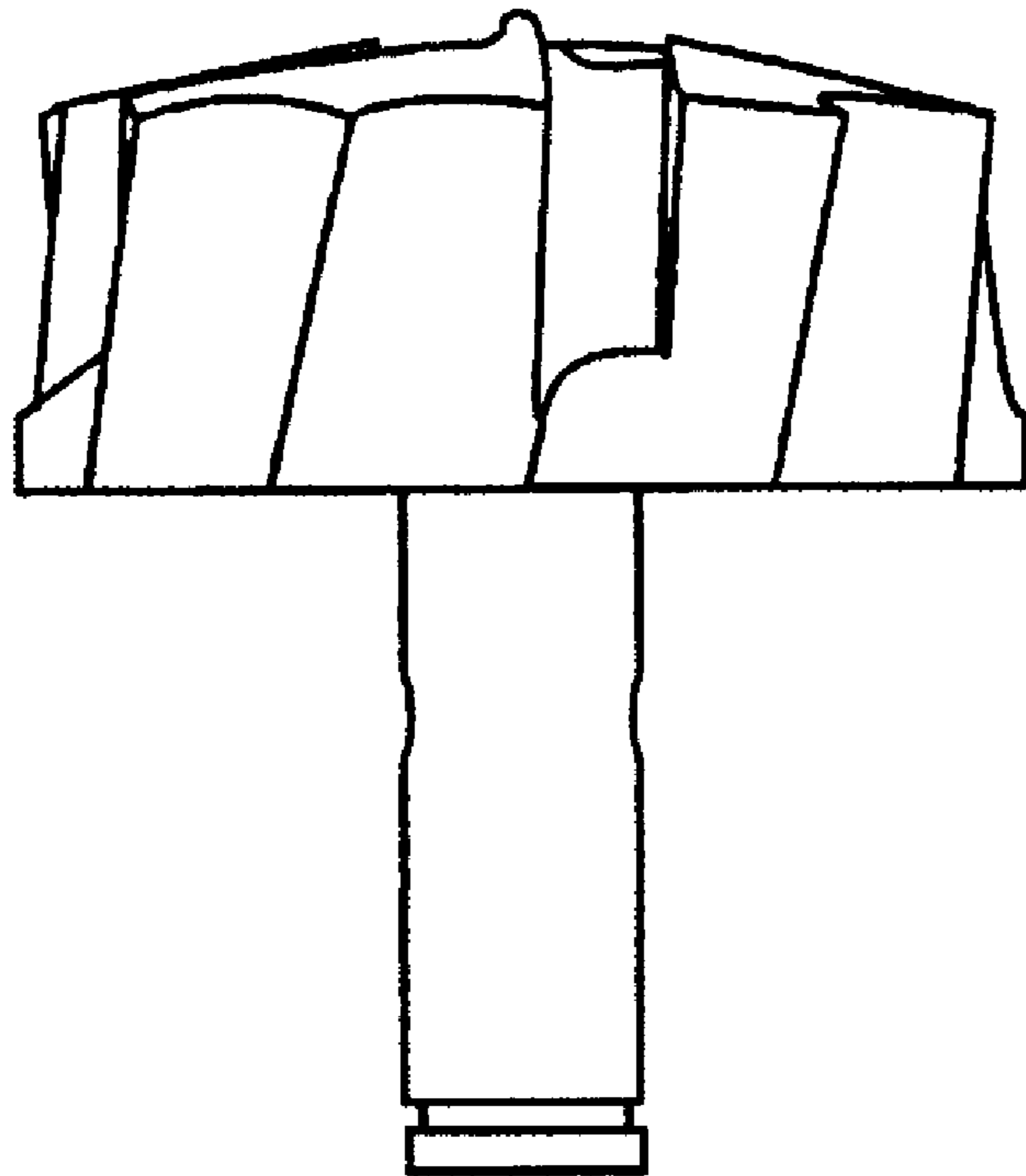


FIG. 3

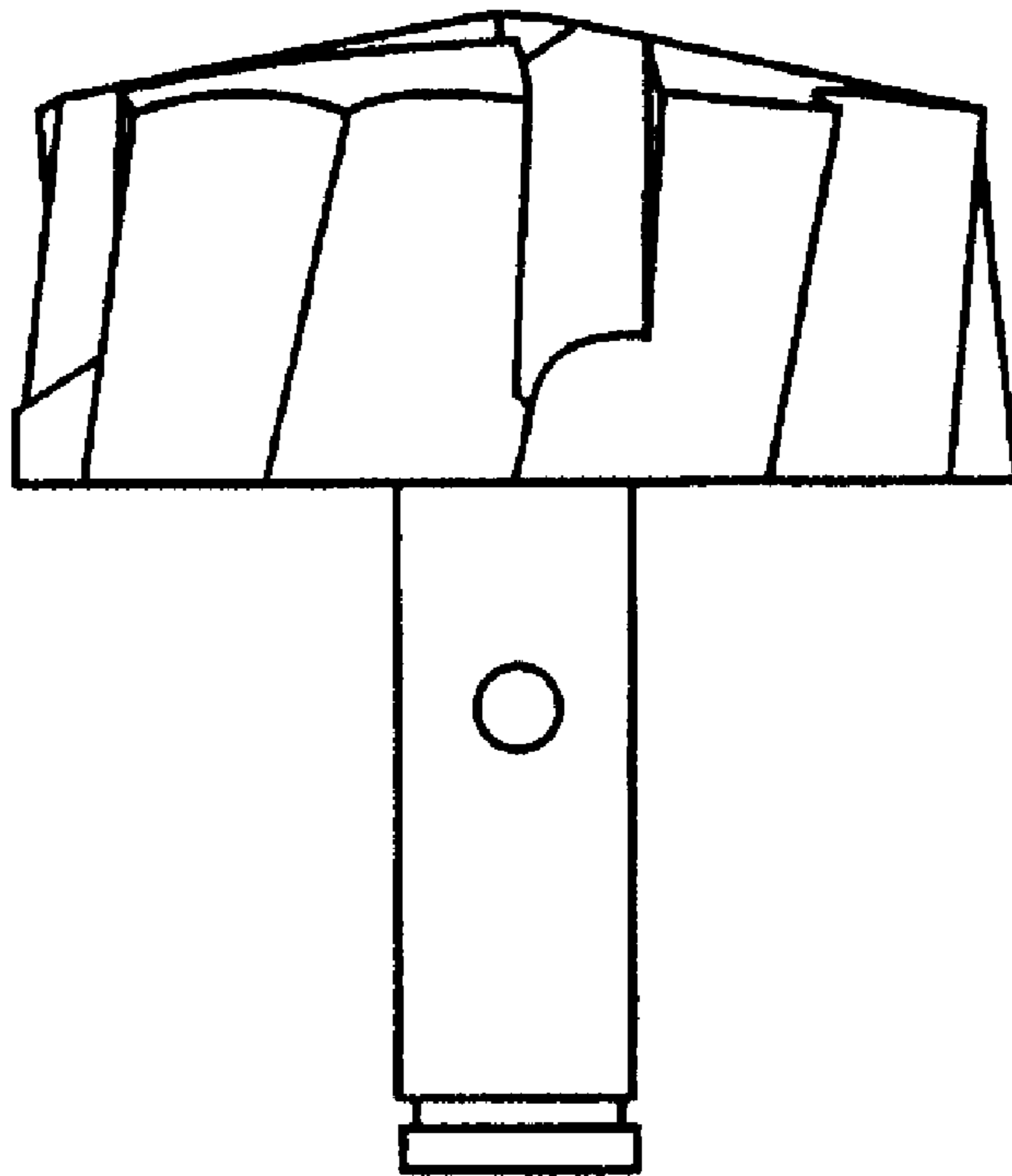


FIG. 4

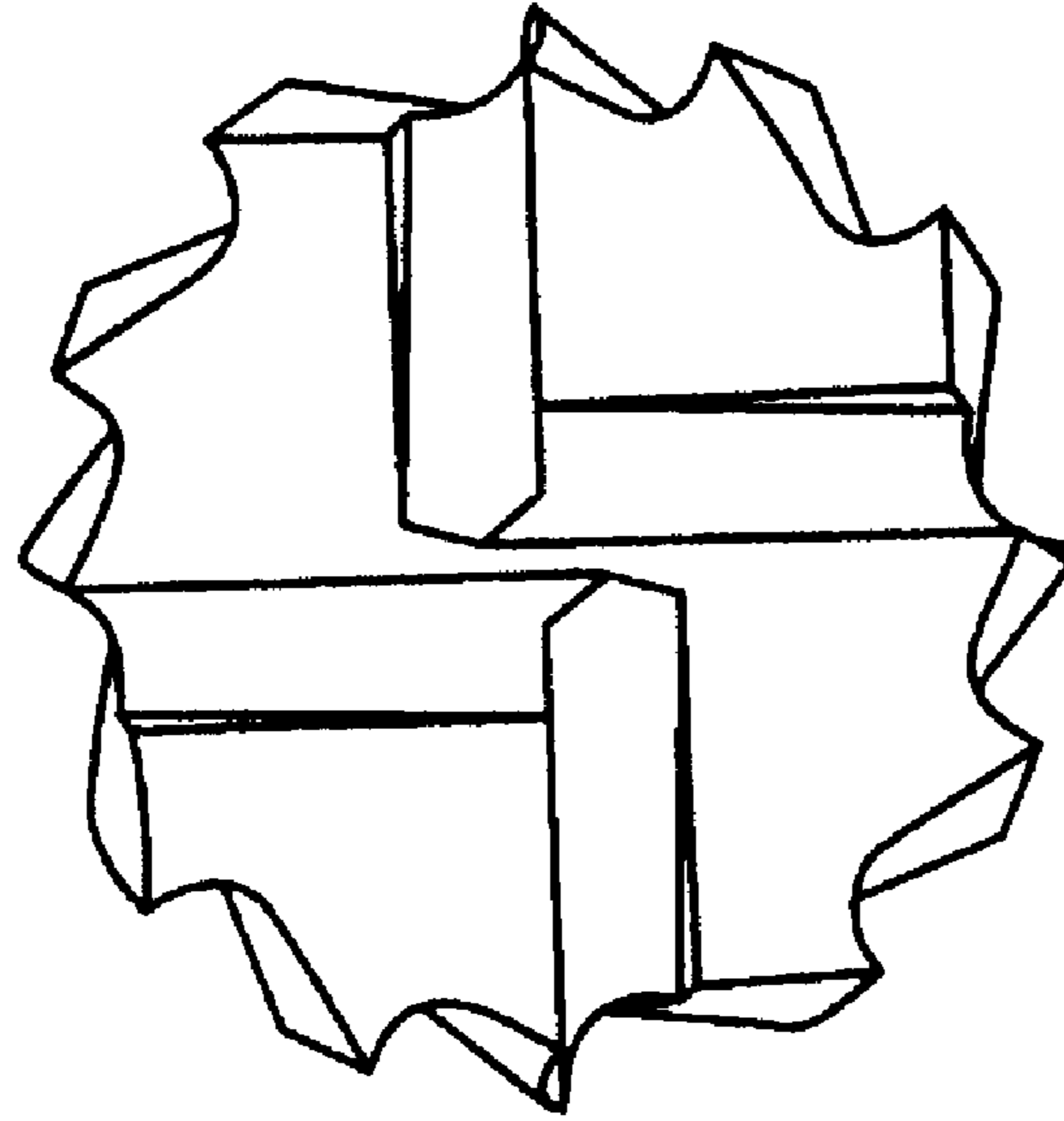


FIG. 5

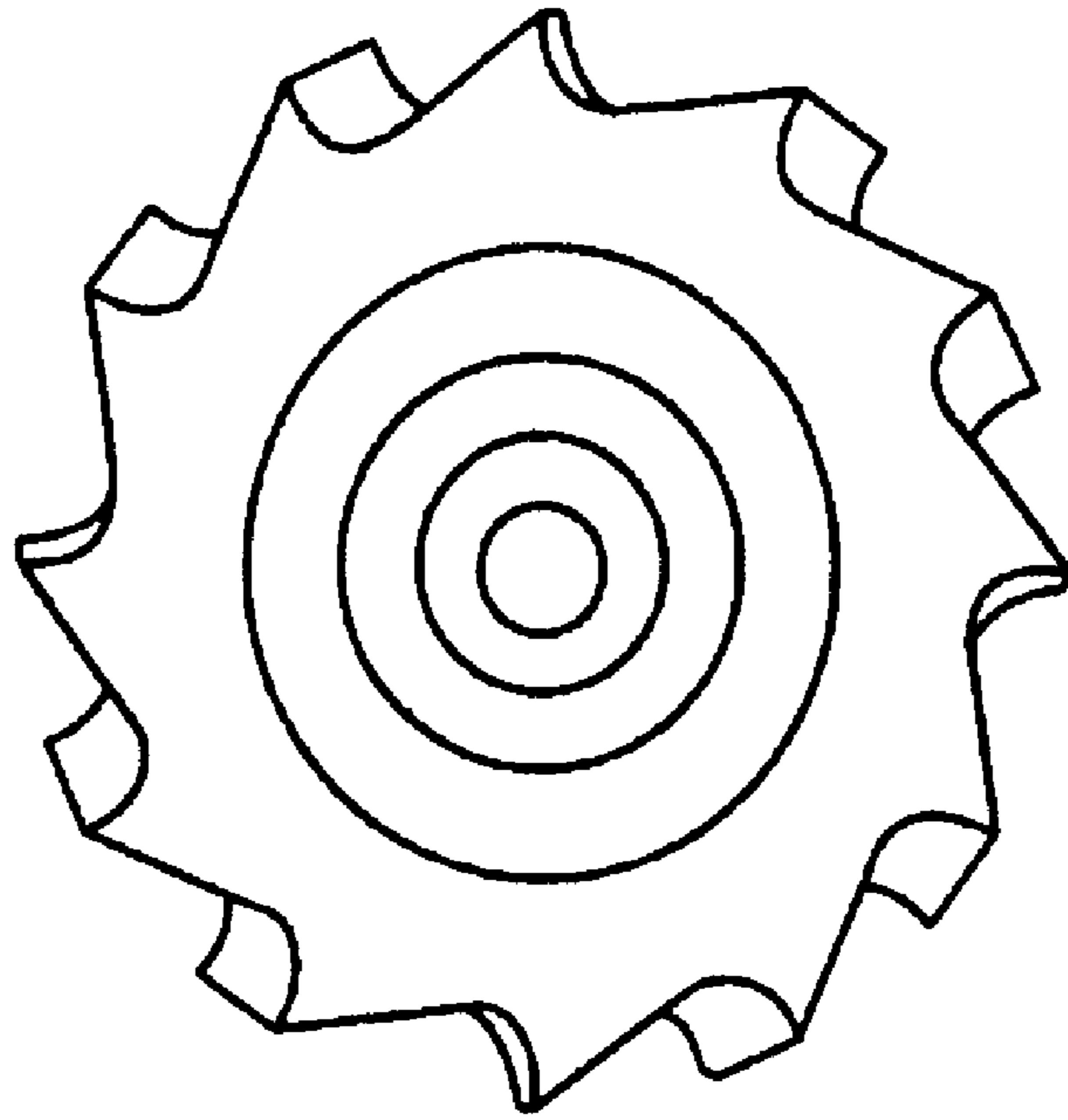


FIG. 6

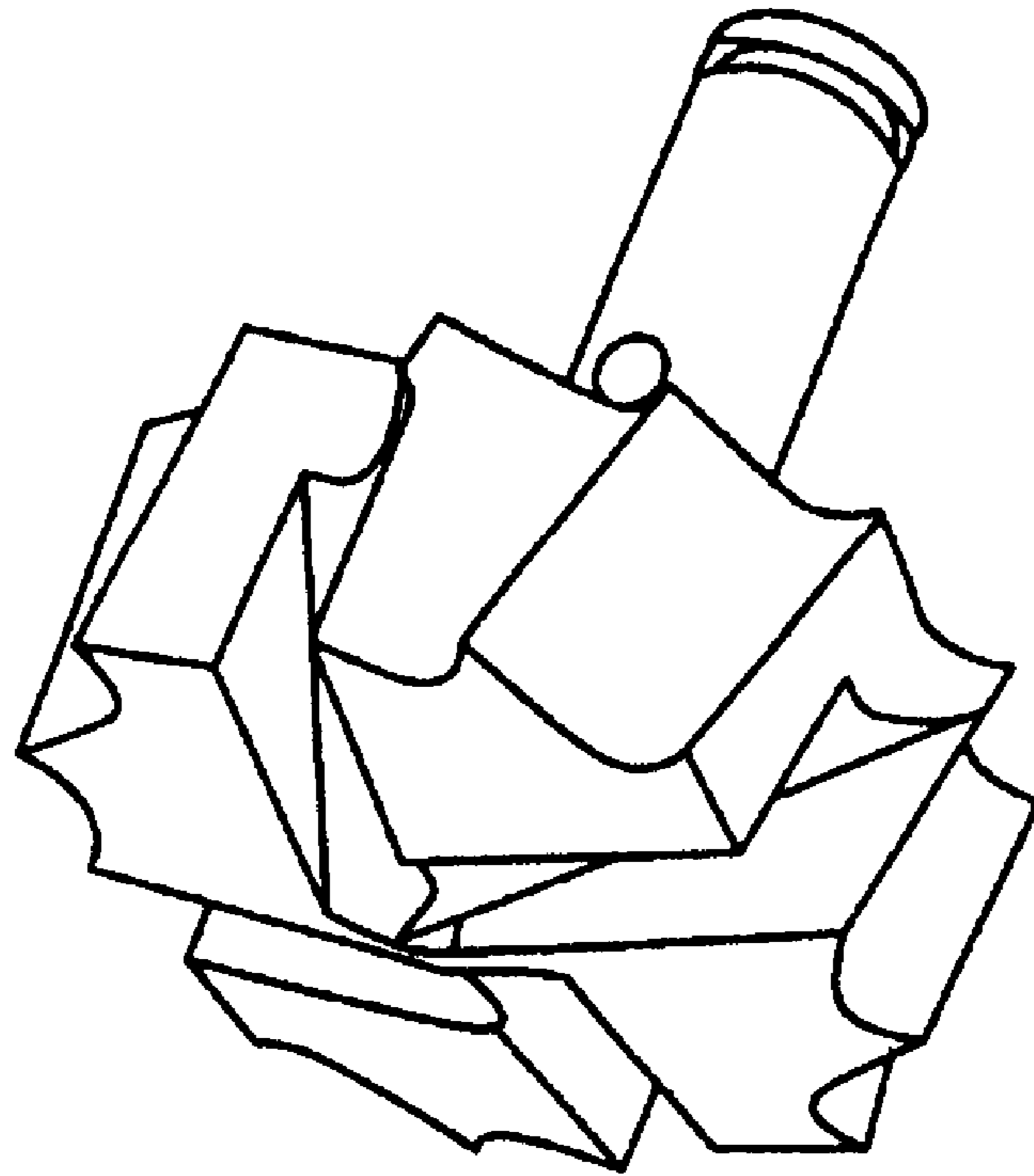


FIG. 7