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

(10) **Patent No.:** **US D535,400 S**

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(54) **TIBIAL MILL CUTTER**

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

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

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

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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.*

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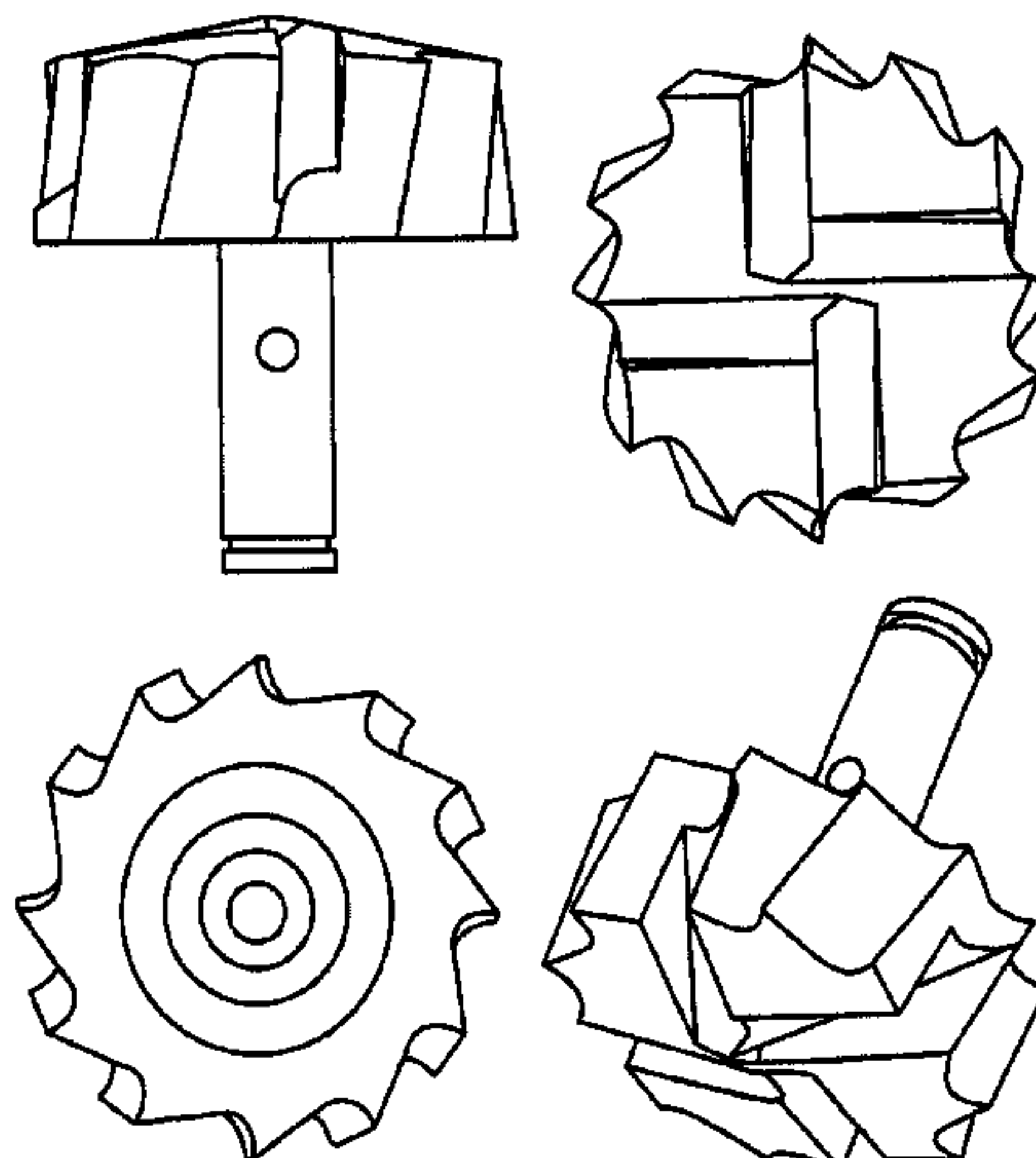
(57) **CLAIM**

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



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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

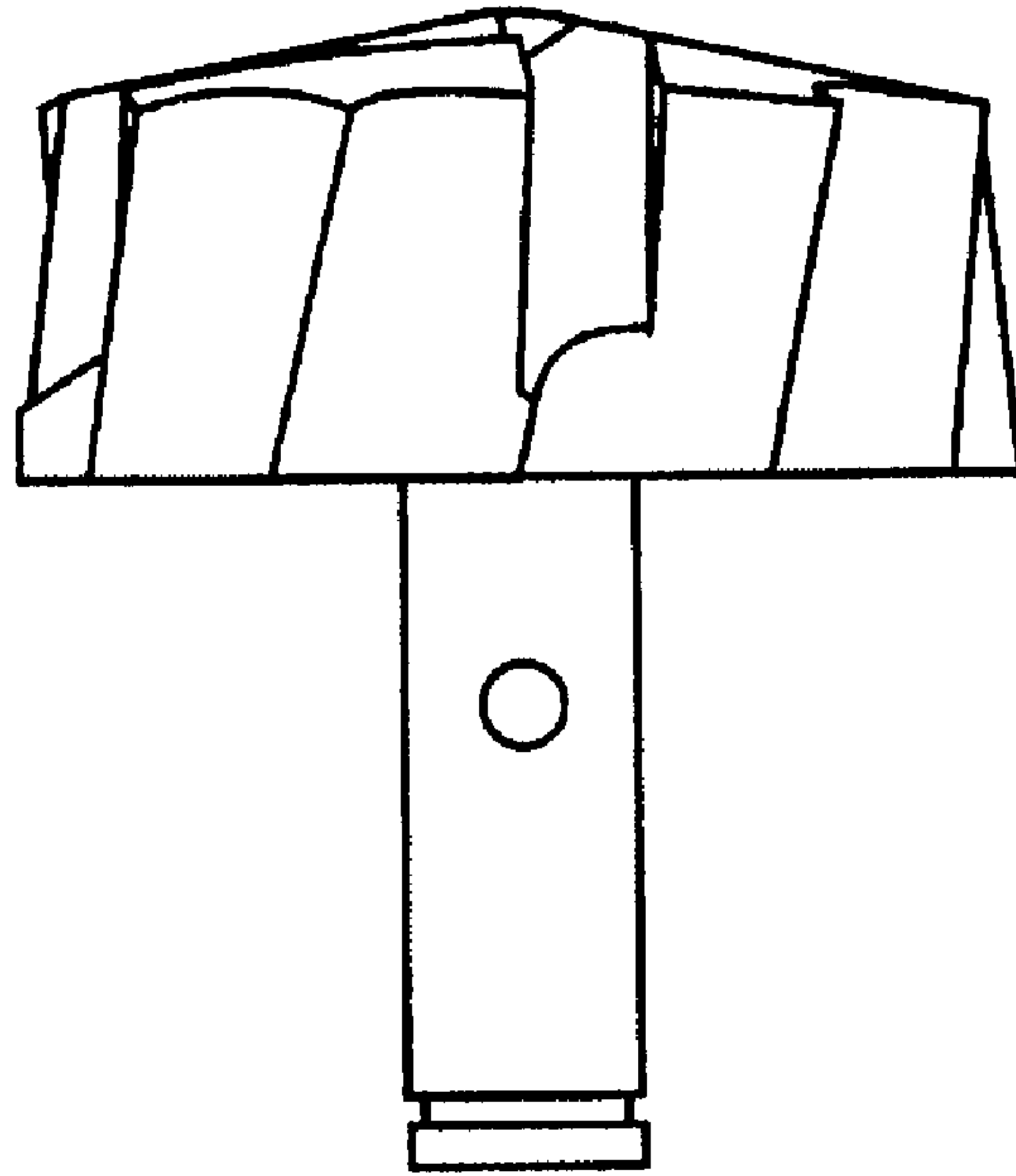


FIG. 1

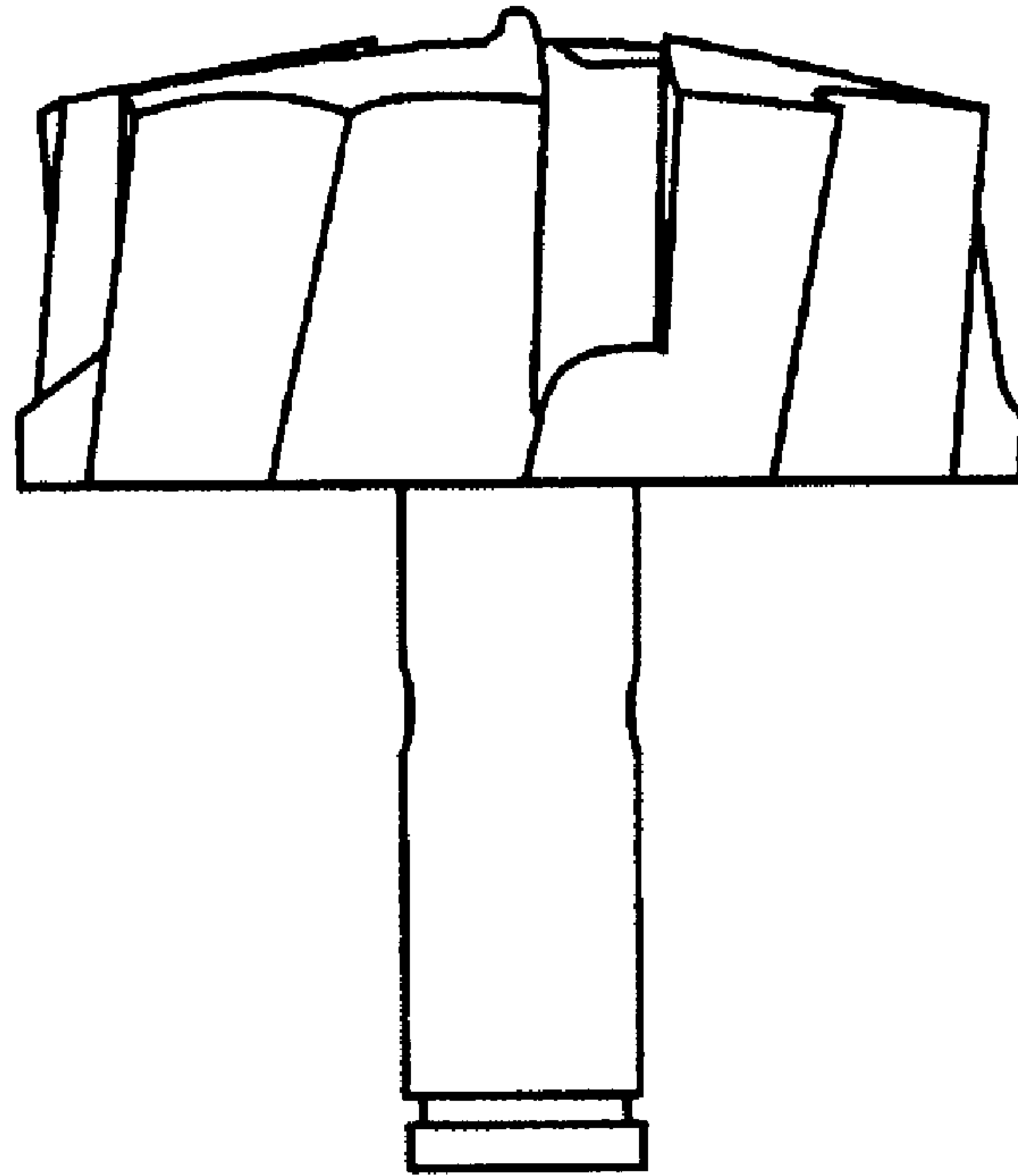


FIG. 2

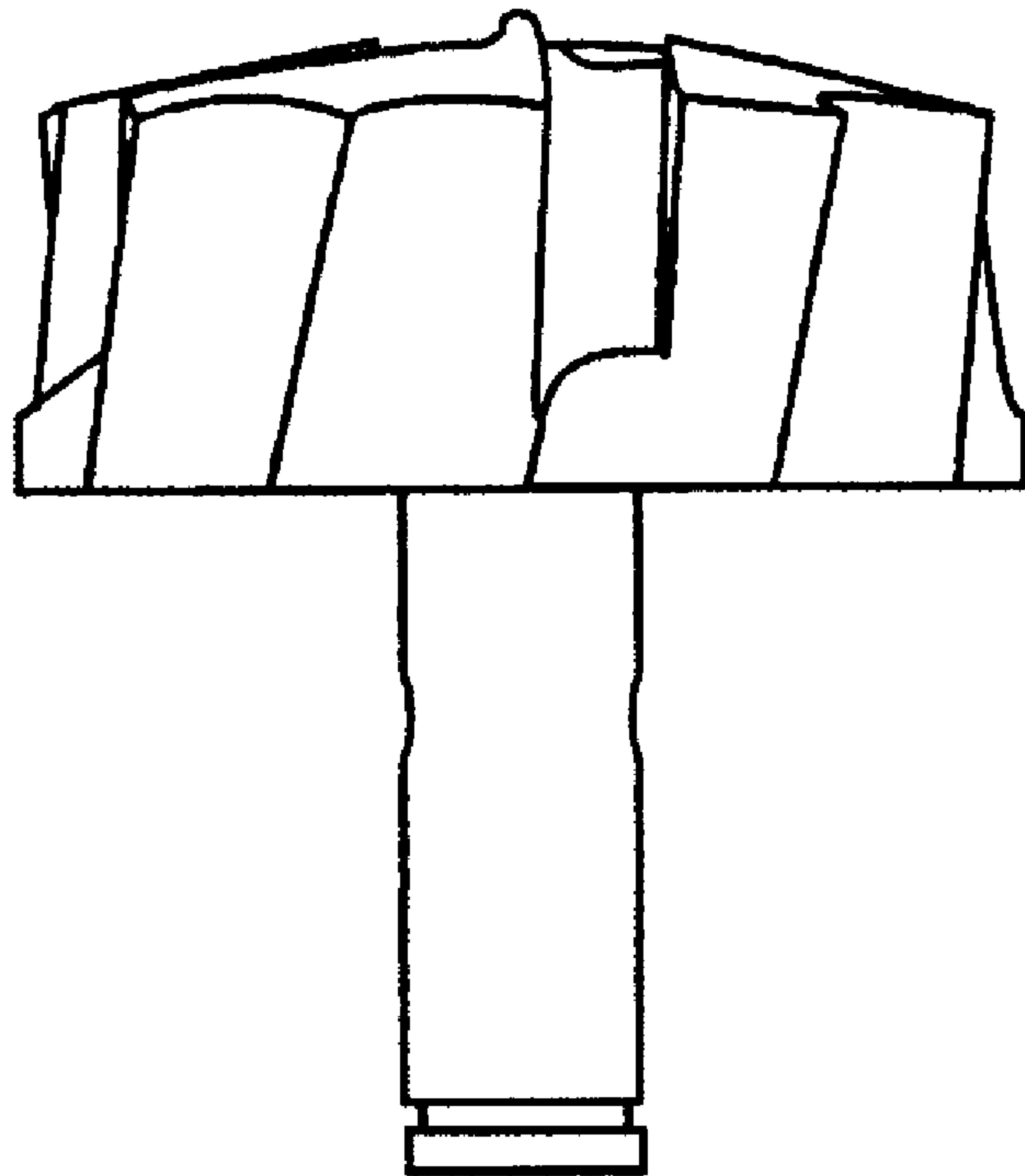


FIG. 3

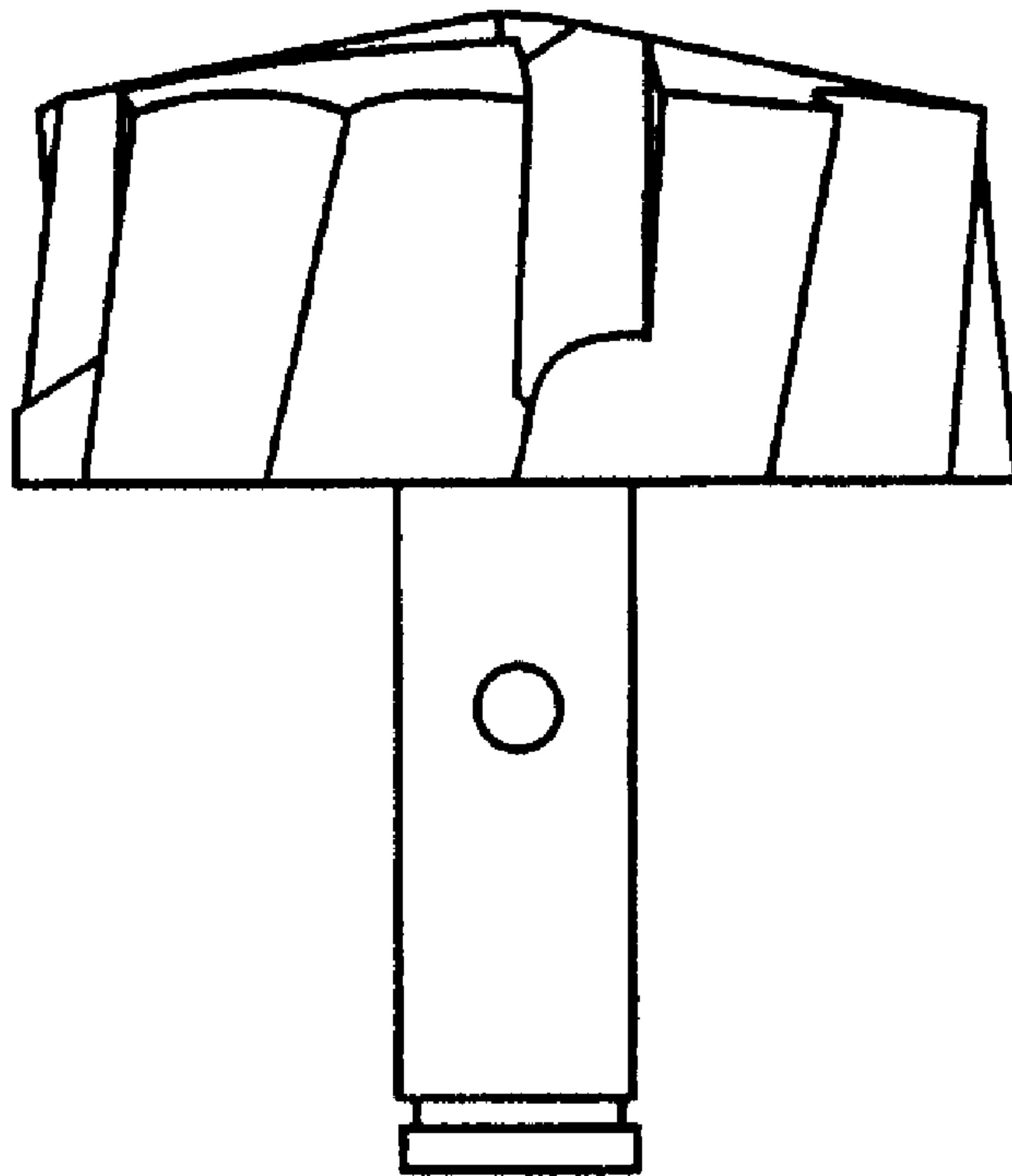


FIG. 4

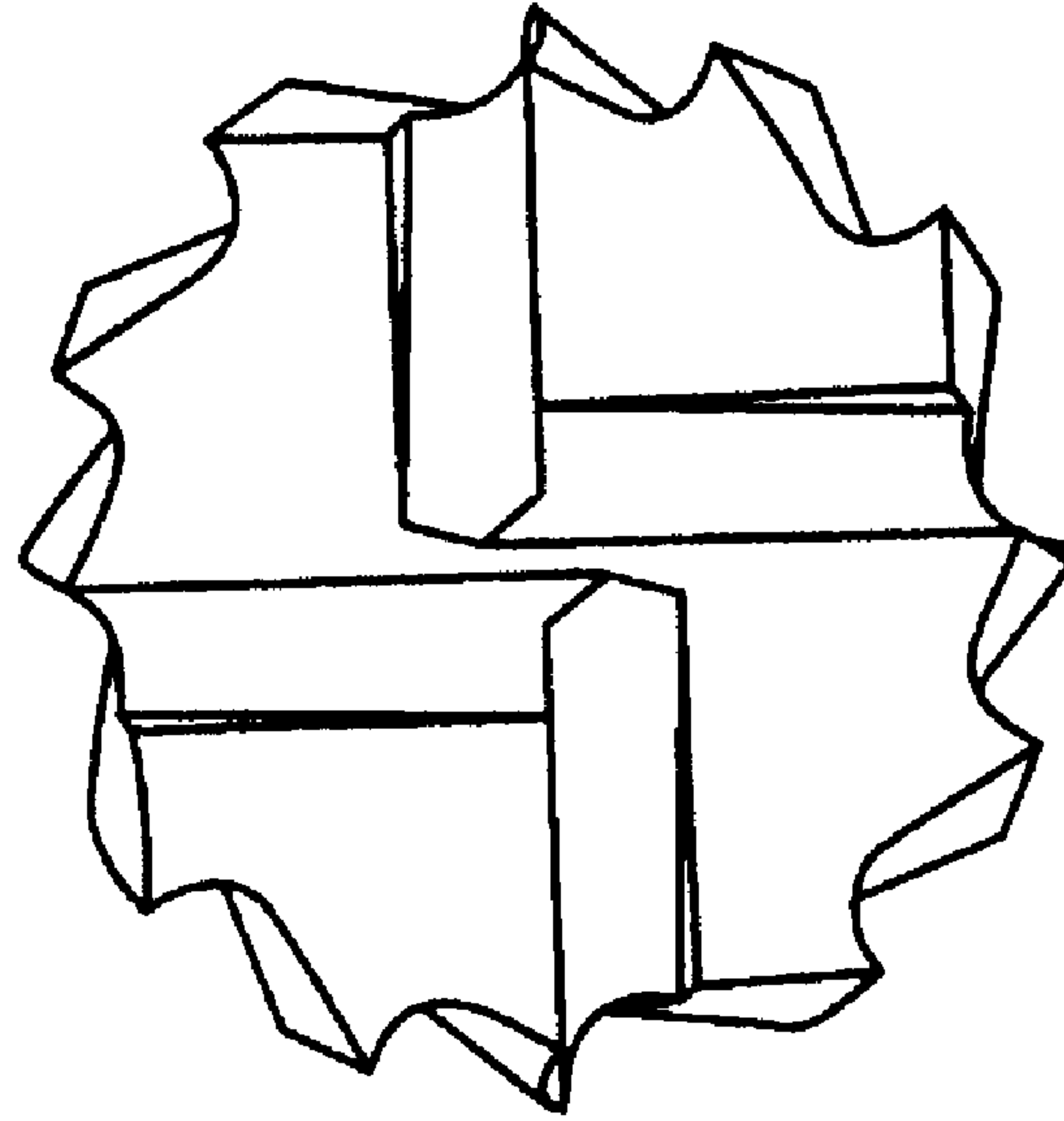


FIG. 5

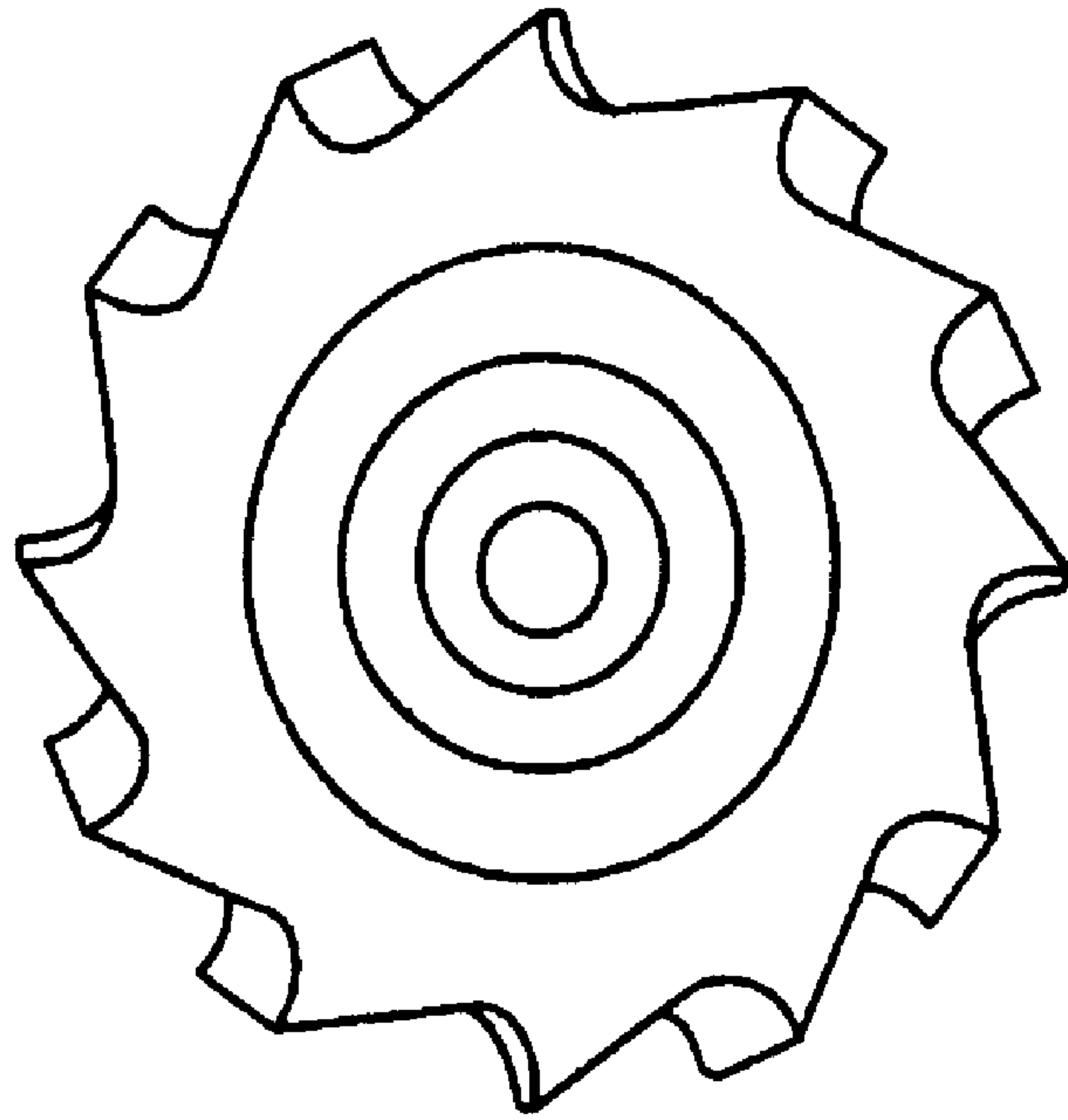


FIG. 6

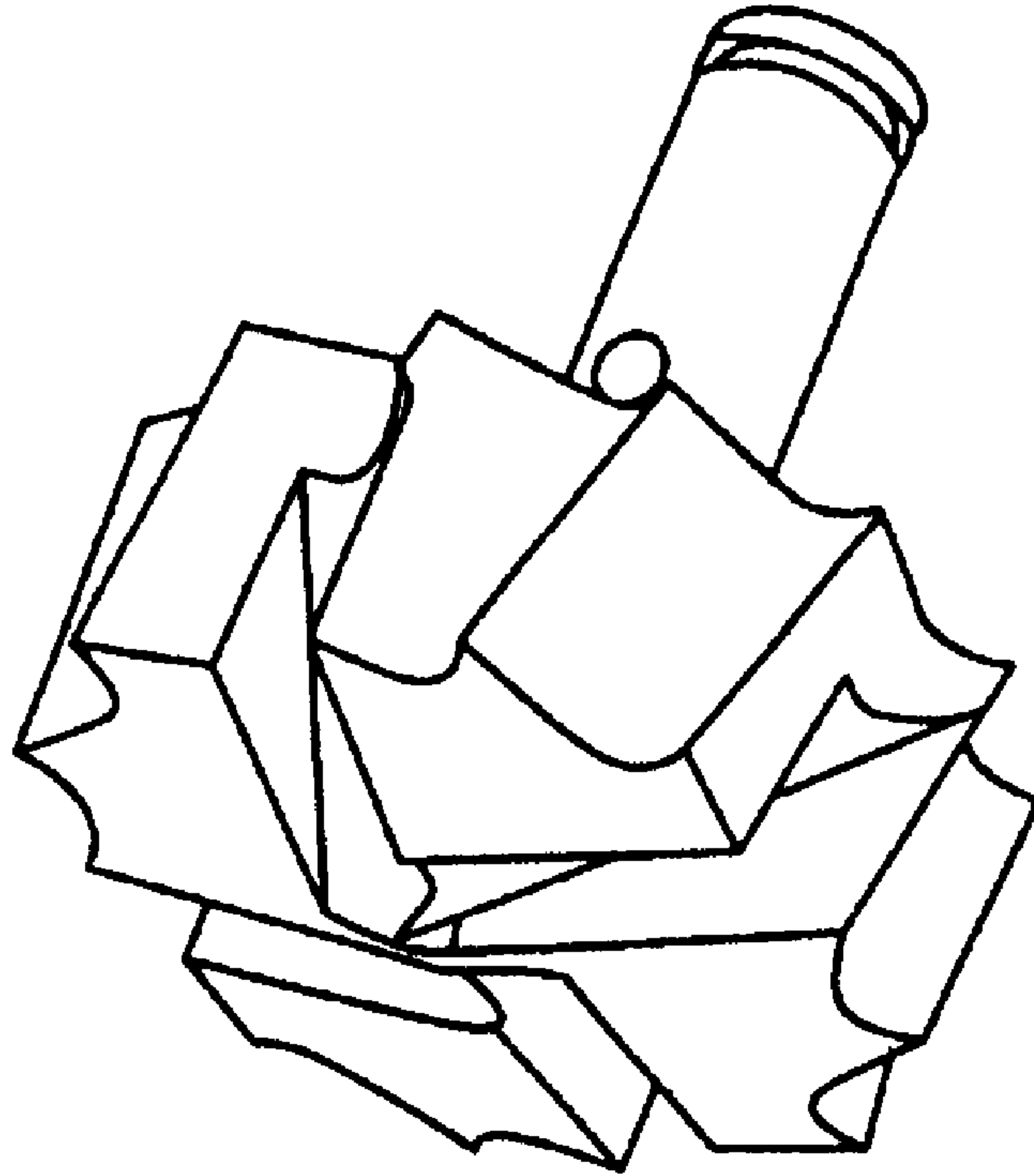


FIG. 7