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# United States Patent [19] Injev

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[54] SURGICAL HANDPIECE

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[73] Assignee: Alcon Laboratories, Inc., Fort Worth, Tex.

[\*\*] Term: 14 Years

[21] Appl. No.: 90,038

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[51] LOC (6) Cl. .... 24-02

[52] U.S. Cl. .... D24/133

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D24/150, 146, 108; 606/4, 166, 161, 1,  
107, 22, 79, 80, 167, 170, 171, 180, 168,  
45; 604/22, 19, 27, 39; 128/751-755, 305,  
745, 748, 749, 645

[56] **References Cited**

U.S. PATENT DOCUMENTS

D. 351,227	10/1994	Patton et al. .	
D. 353,457	12/1994	Nicholas et al. ....	D24/133
D. 376,204	12/1996	Huculak et al. .	
D. 383,841	9/1997	Roncima .....	D24/133
D. 384,743	10/1997	Chia .....	D24/133
D. 388,170	12/1997	Sjostron .....	D24/133
4,428,748	1/1984	Peyman et al. .	
4,553,957	11/1985	Williams et al. .	
4,577,629	3/1986	Martinez .	
4,652,255	3/1987	Martinez .	
4,674,502	6/1987	Imonti .	
4,676,243	6/1987	Clayman .	

4,696,298	9/1987	Higgins et al. .	
4,867,155	9/1989	Issacson .	
4,909,249	3/1990	Akkas et al. .	
5,019,035	5/1991	Missirlan et al. .	
5,112,339	5/1992	Zelman .	
5,154,696	10/1992	Shearing .	
5,176,628	1/1993	Charles et al. .	
5,284,472	2/1994	Sussman et al. .	
5,620,453	4/1997	Nallakrishnan .....	606/166
5,626,594	5/1997	Smith .....	606/166
5,634,918	6/1997	Richards .....	606/1

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[57] **CLAIM**

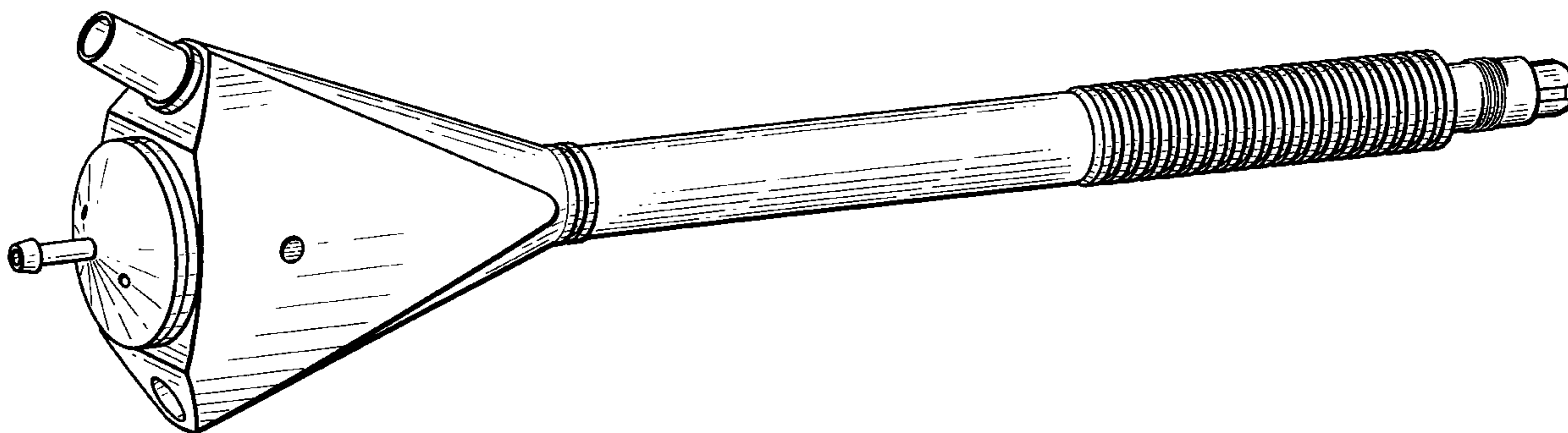
The ornamental design for a surgical handpiece, as shown and described.

**DESCRIPTION**

FIG. 1 is a right, rear perspective view of a surgical handpiece showing my new design;  
FIG. 2 is a right side elevational view thereof;  
FIG. 3 is a rear elevational view thereof;  
FIG. 4 is a front elevational view thereof;  
FIG. 5 is a left side elevational view thereof;  
FIG. 6 is a top plan view thereof; and,  
FIG. 7 is a bottom plan view thereof.

The handpiece of the present invention is used during microsurgery, particularly ophthalmic surgery, to irrigate and aspirate the surgical site. The handpiece is a hand-held surgical instrument that is connected to a control system through irrigation and aspiration tubings.

1 Claim, 4 Drawing Sheets



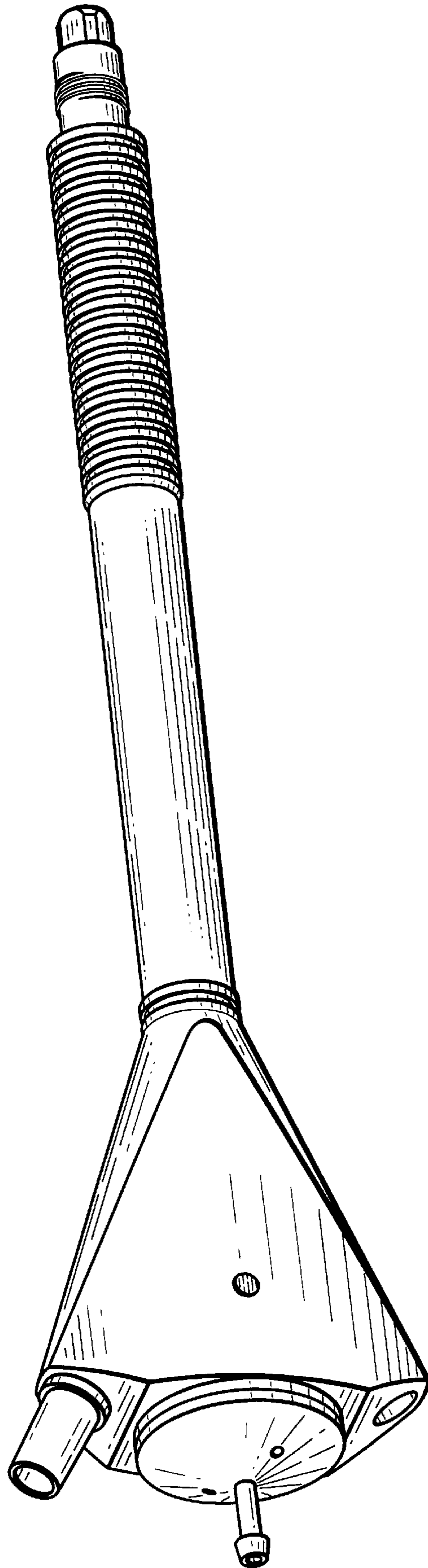


FIG. 1

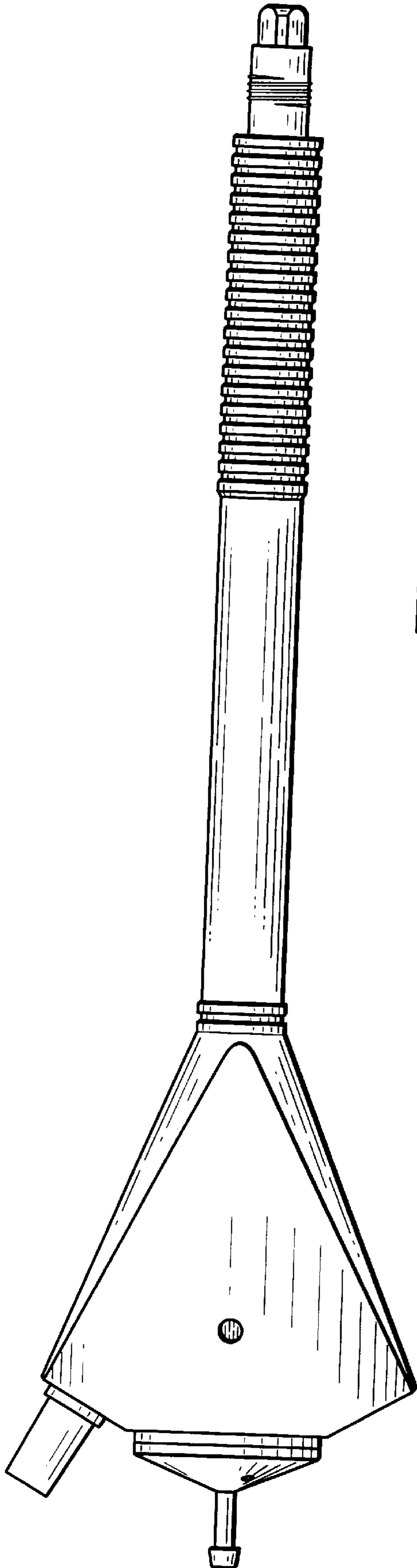


FIG. 2

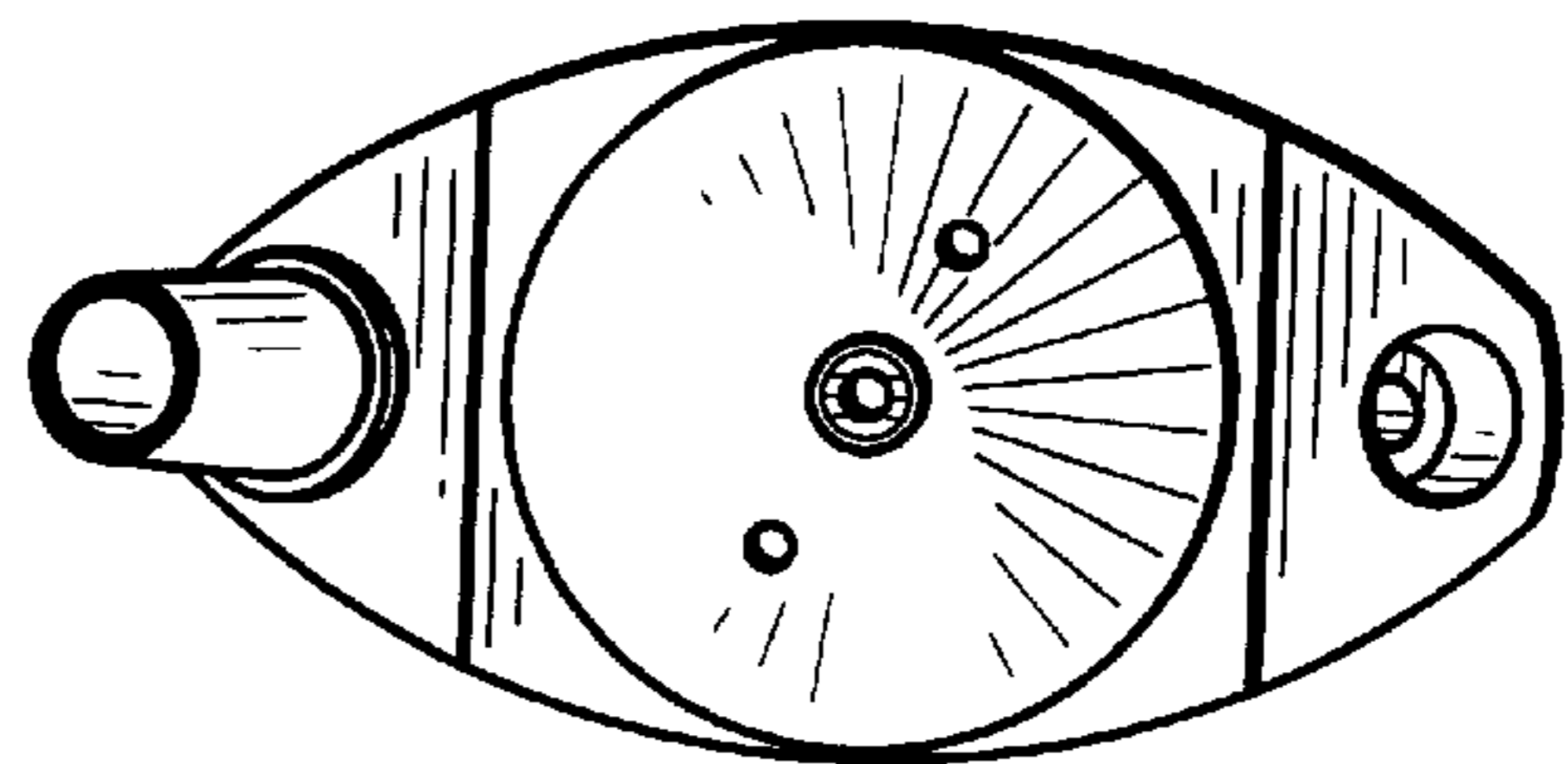


FIG. 3

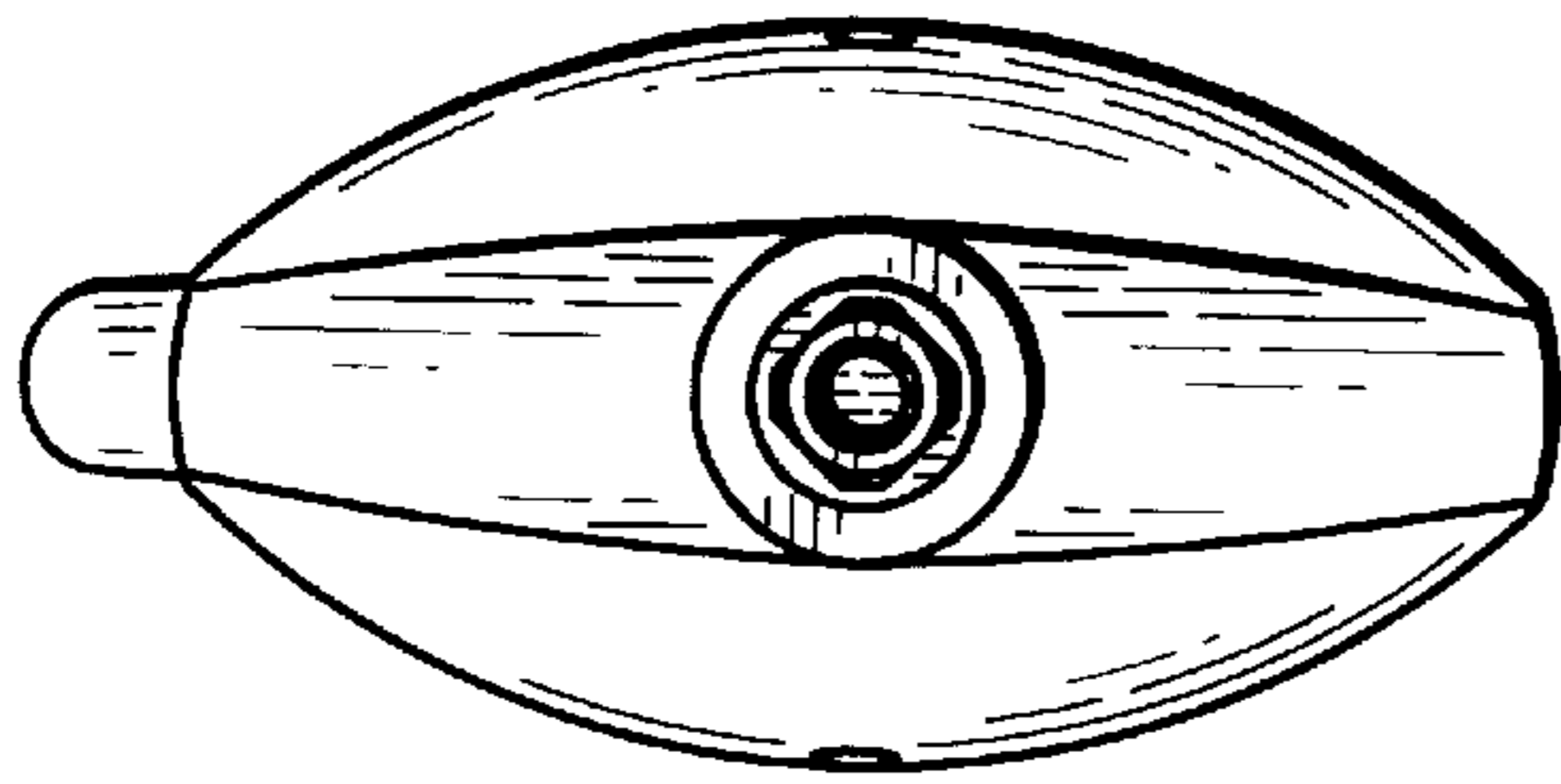


FIG. 4

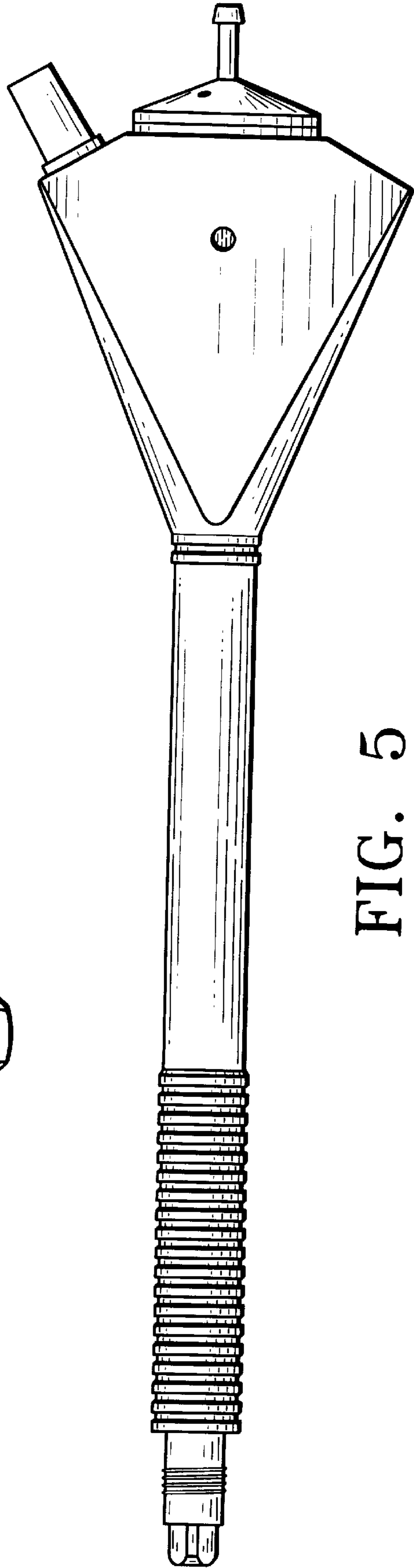


FIG. 5

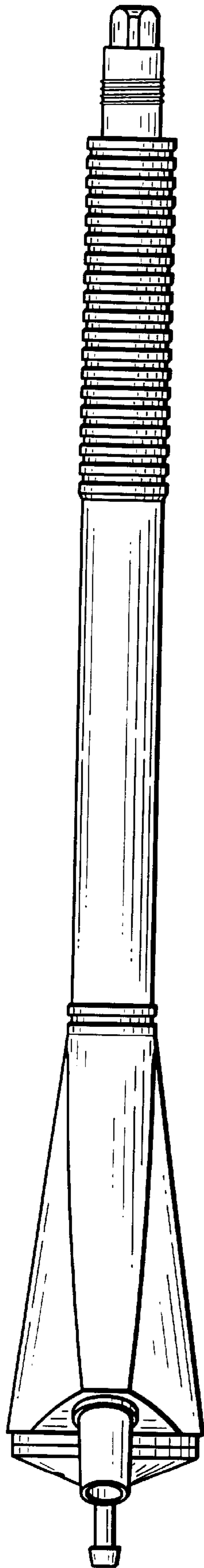


FIG. 6

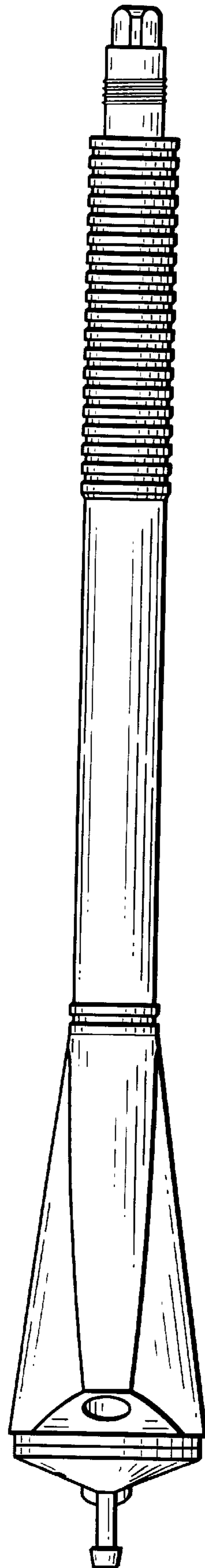


FIG. 7