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United States Patent [19] Heldreth

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[54] ORTHOPAEDIC BROACH IMPACTOR

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[73] Assignee: **Zimmer, Inc.**, Warsaw, Ind.

[**] Term: **14 Years**

[21] Appl. No.: **41,122**

[22] Filed: **Jul. 6, 1995**

[52] U.S. Cl. **D24/133; D24/140**

[58] Field of Search **D24/133, 147; 606/99, 86, 96, 100, 108, 104, 72, 90**

[56] References Cited

U.S. PATENT DOCUMENTS

D. 337,639	7/1993	Beckman	.....	D24/133
4,459,985	7/1984	McKay et al.	.....	606/100
4,524,766	6/1985	Petersen	.....	128/92 H
4,791,919	12/1988	Elloy et al.	.....	128/92 VW
4,822,362	4/1989	Walker et al.	.....	623/20
5,002,547	3/1991	Poggie et al.	.....	606/88
5,062,852	11/1991	Dorr et al.	.....	623/20
5,116,338	5/1992	Poggie et al.	.....	606/90
5,250,050	10/1993	Poggie et al.	.....	606/79
5,275,603	1/1994	Ferrante et al.	.....	606/86
5,282,866	2/1994	Cohen et al.	.....	623/20
5,342,367	8/1994	Ferrante et al.	.....	606/86
5,356,414	10/1994	Cohen et al.	.....	606/88
5,425,490	6/1995	Goble et al.	.....	606/86 X
5,476,486	12/1995	Barretta et al.	606/99 X

FOREIGN PATENT DOCUMENTS

WO94/05211	3/1994	WIPO	A61B 17/00
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OTHER PUBLICATIONS

Howmedia—Duraconcept—Design Concepts of the Duracon Total Knee System—c1993.

Zimmer—Porous MG II Total Knee—Cross—Stemmed Tibial Tray—Lit. no. 97-8510-05—c1992.

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[57] CLAIM

The ornamental design for an orthopaedic broach impactor, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of an orthopaedic broach impactor with the handle shown in a down position. The broken line showing of the broach is for illustrative purposes only and forms no part of the claimed design;

FIG. 2 is a rear perspective view thereof, with a fragment of one of the arms broken away for ease of illustration;

FIG. 3 is a side elevational view thereof with the handle shown in an up position;

FIG. 4 is a rear elevational view thereof;

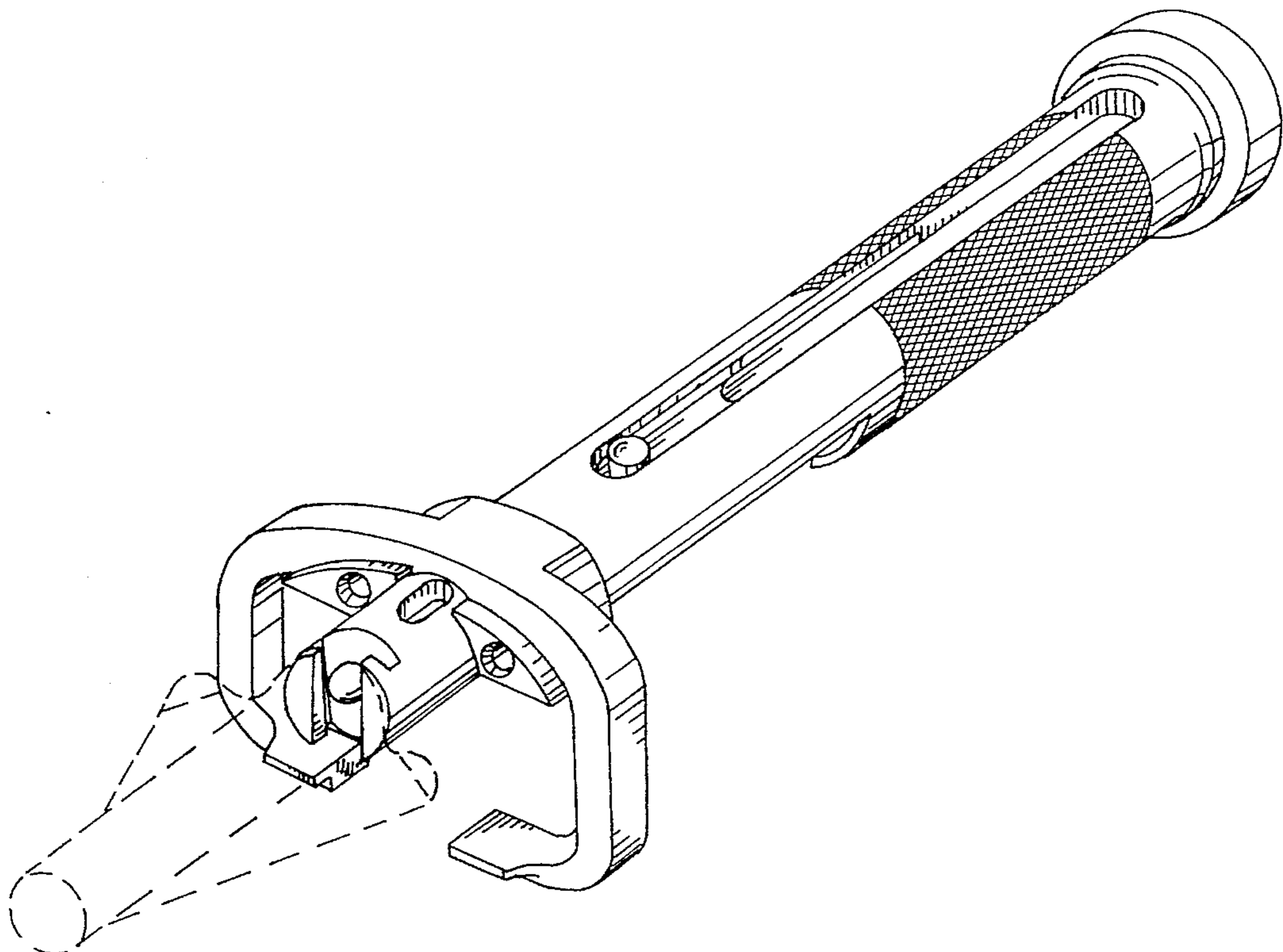
FIG. 5 is a front elevational view thereof;

FIG. 6 is a side elevational view thereof of the side opposite the side shown in FIG. 3;

FIG. 7 is a top plan view thereof; and,

FIG. 8 is a bottom plan view thereof.

1 Claim, 5 Drawing Sheets



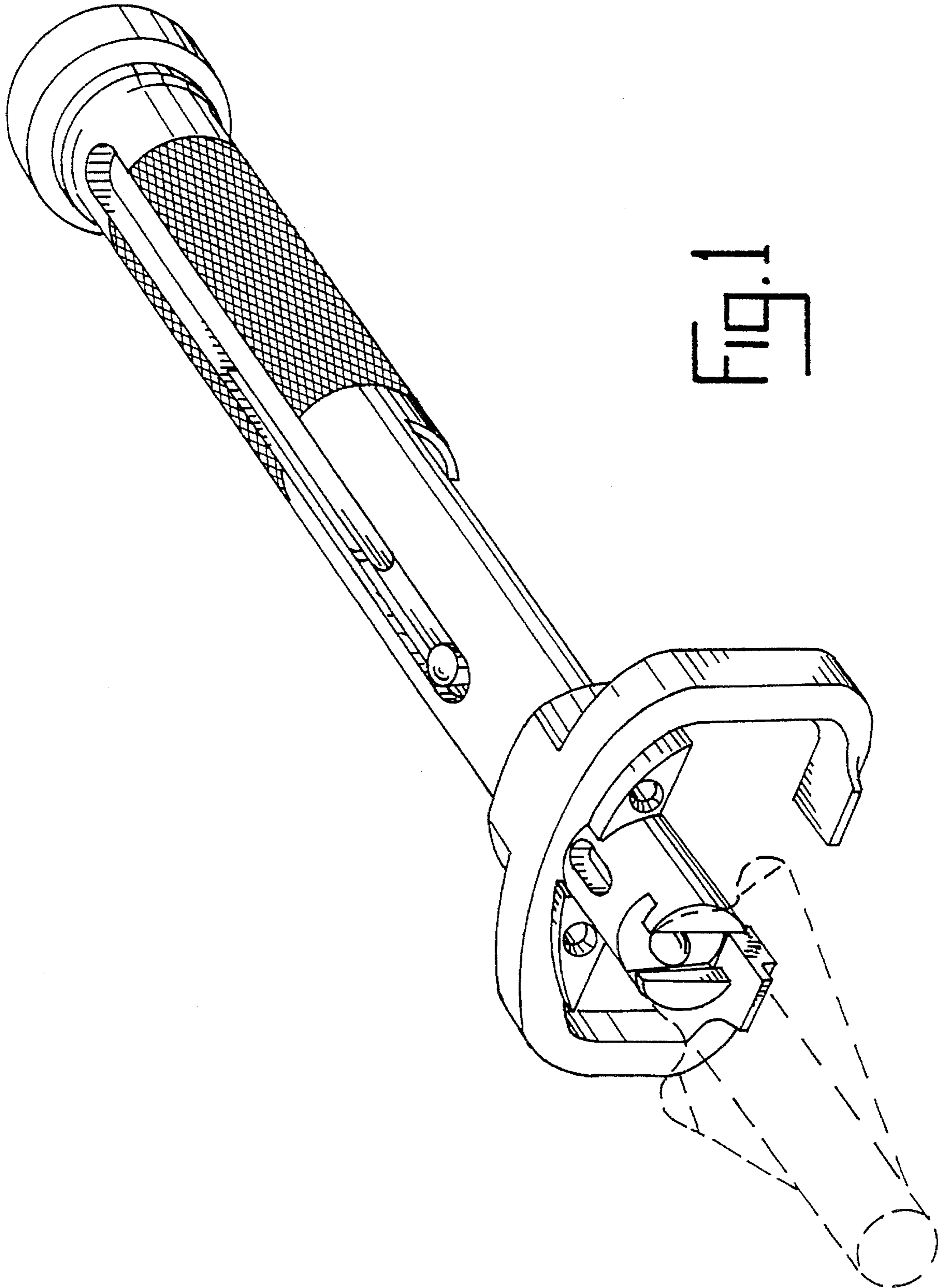


FIG. 1

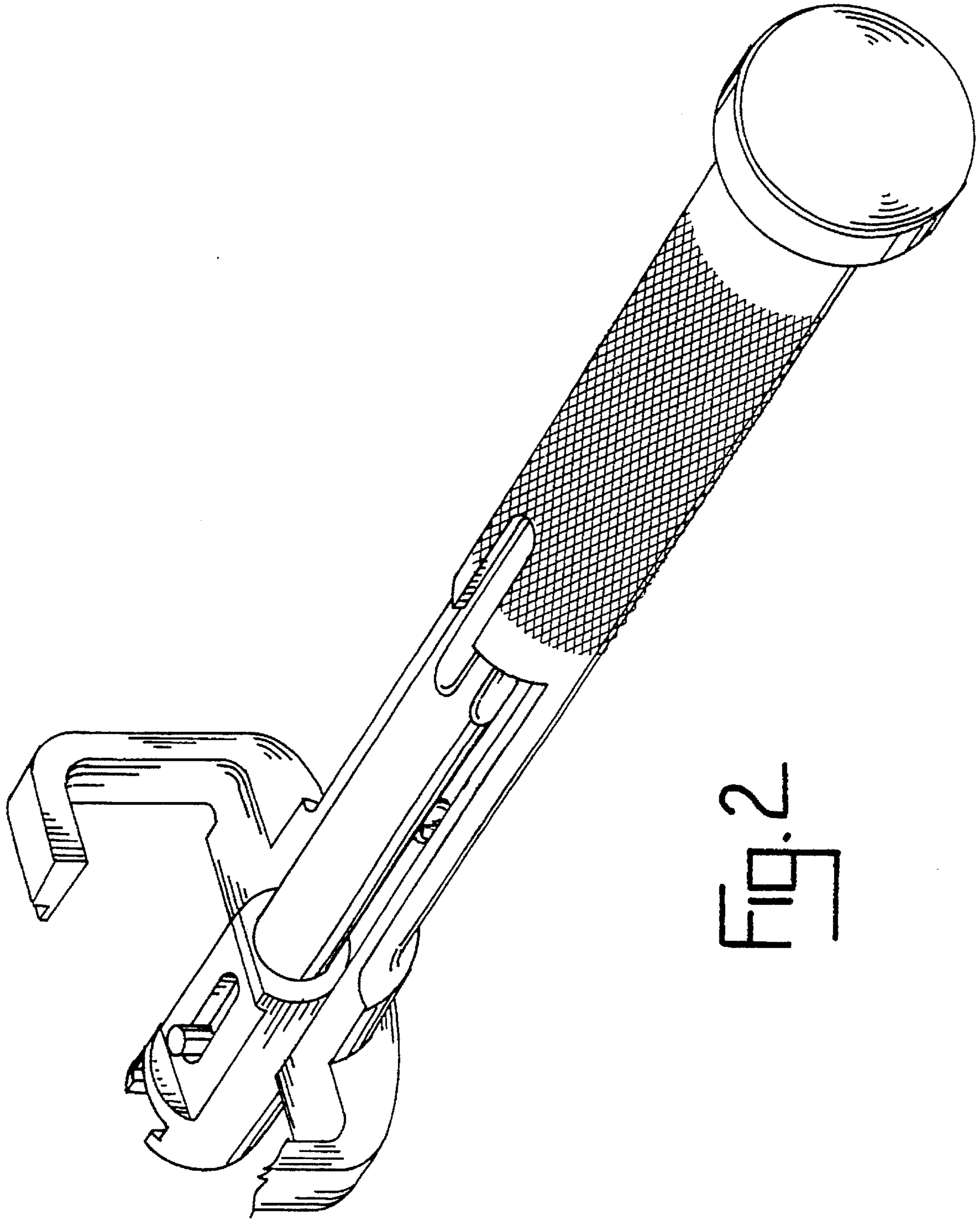


FIG. 2

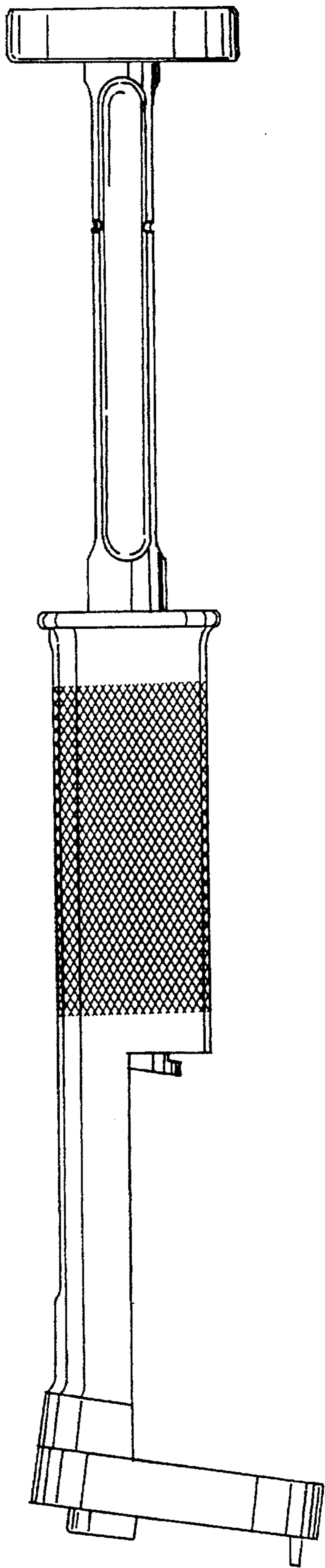


Fig. 3

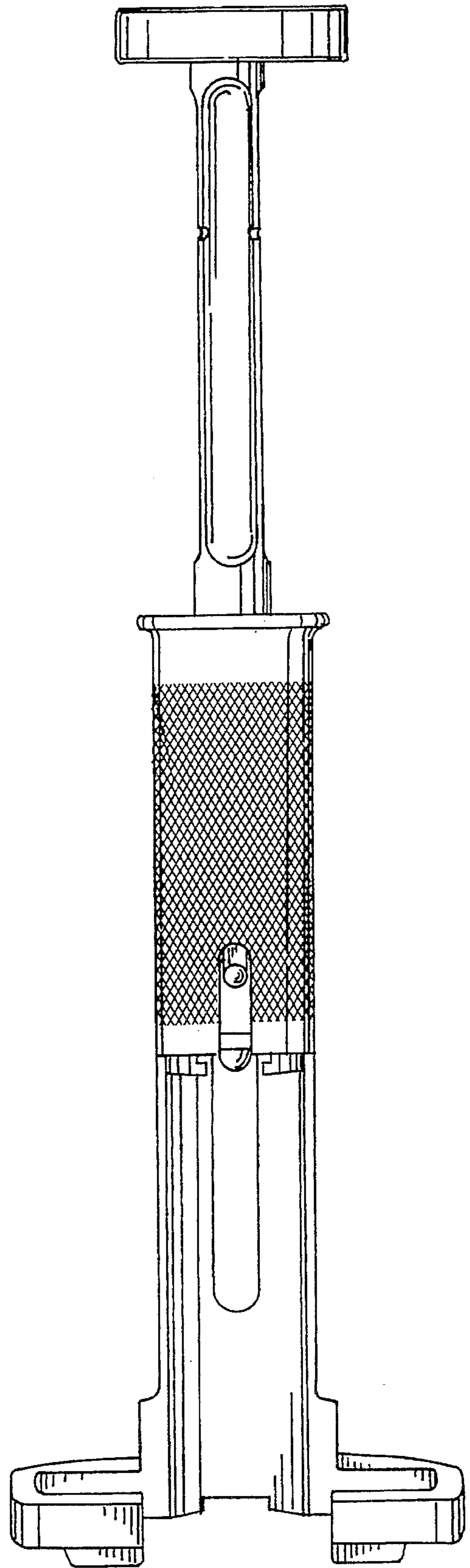


Fig. 4

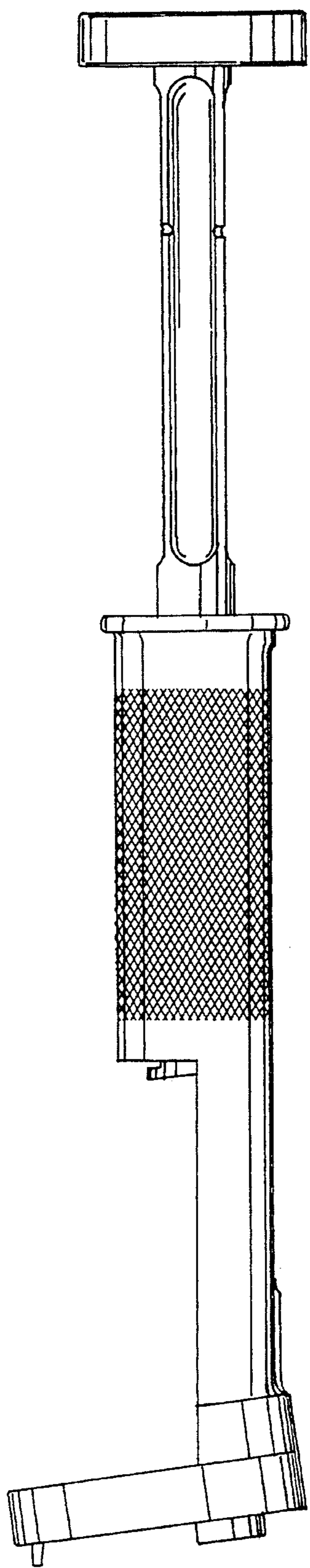


Fig. 6

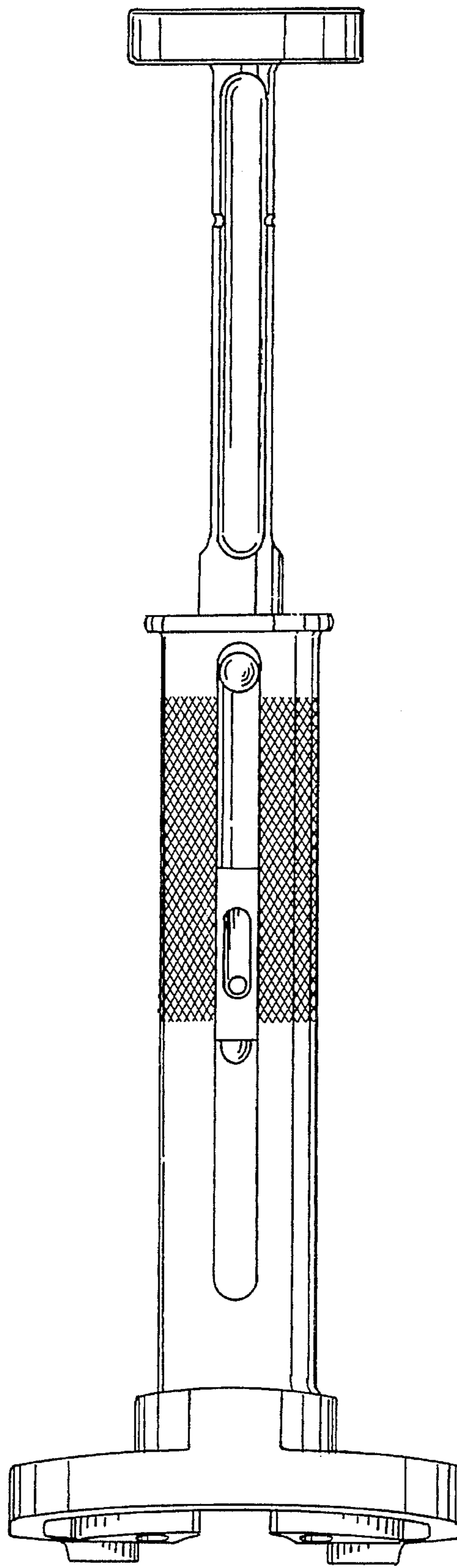


Fig. 5

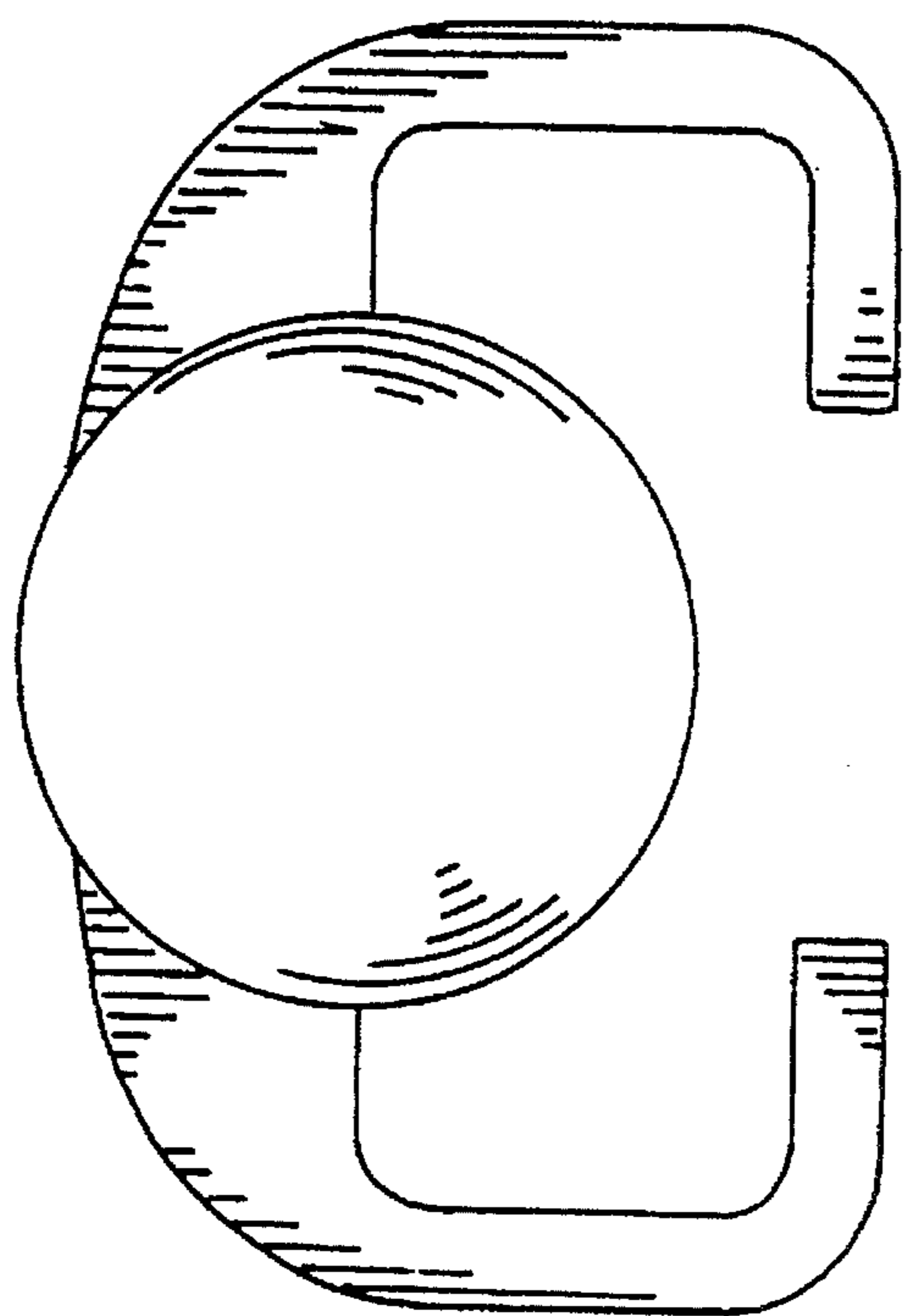


FIG. 7

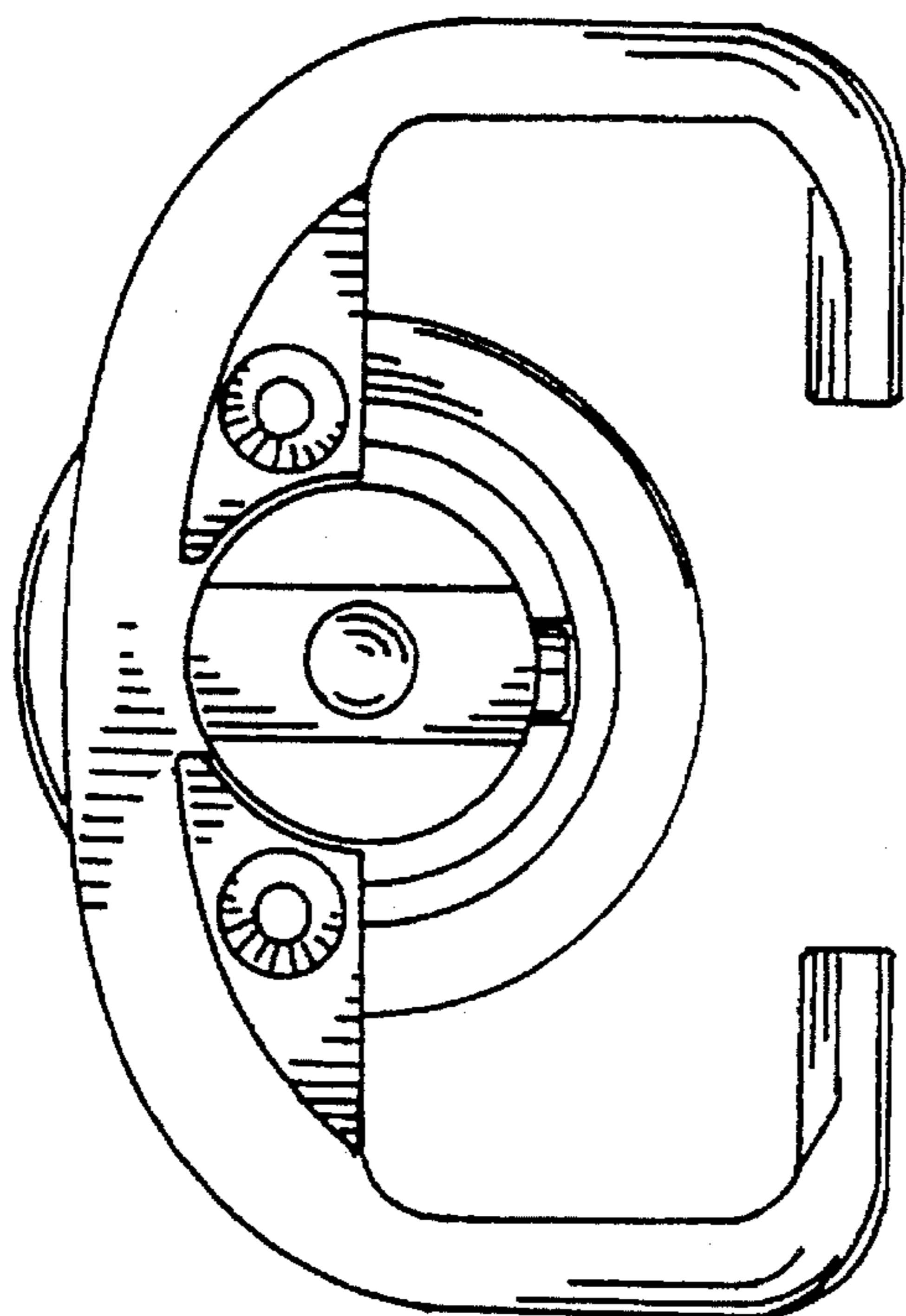


FIG. 8