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United States Patent [19]

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Karvinen

[45] Date of Patent: ****Dec. 3, 1996**

[54] ATTACHMENT TO HAMMER DRILLS FOR DRIVING IN EXPANSION SHELL BOLTS

1,743,505	1/1930	Turgeon	81/464
3,298,449	1/1967	Bachman et al.	81/177.1
3,411,555	11/1968	Herpich	81/177.1
3,678,789	7/1972	Wilson	81/177.1
5,327,982	7/1994	Trahan et al.	175/321

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

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[21] Appl. No.: **41,554**

[22] Filed: **Jul. 18, 1995**

[57] CLAIM

[30] Foreign Application Priority Data

The ornamental design for an attachment to hammer drills for driving in expansion shell bolts, as shown and described.

Jan. 25, 1995 [SE] Sweden 95-0150

[52] U.S. Cl. **D8/70**

DESCRIPTION

[58] Field of Search D8/29, 70; D15/135; 81/55, 121.1, 177.1, 463, 464; 175/320, 321

FIG. 1 is a front right perspective view of an attachment to hammer drills for driving in expansion-shell bolts, showing my new design;

[56] References Cited

U.S. PATENT DOCUMENTS

D. 83,321	2/1931	Friedman	D8/29
D. 142,054	8/1945	Young	D8/29
D. 299,613	1/1989	Laurie	D8/29
D. 327,825	7/1992	Oglesby et al.	D8/70
D. 356,320	3/1995	Catalanotti et al.	D15/135
D. 363,011	10/1995	Gruner et al.	D8/29

FIG. 2 is a top rear perspective view thereof;

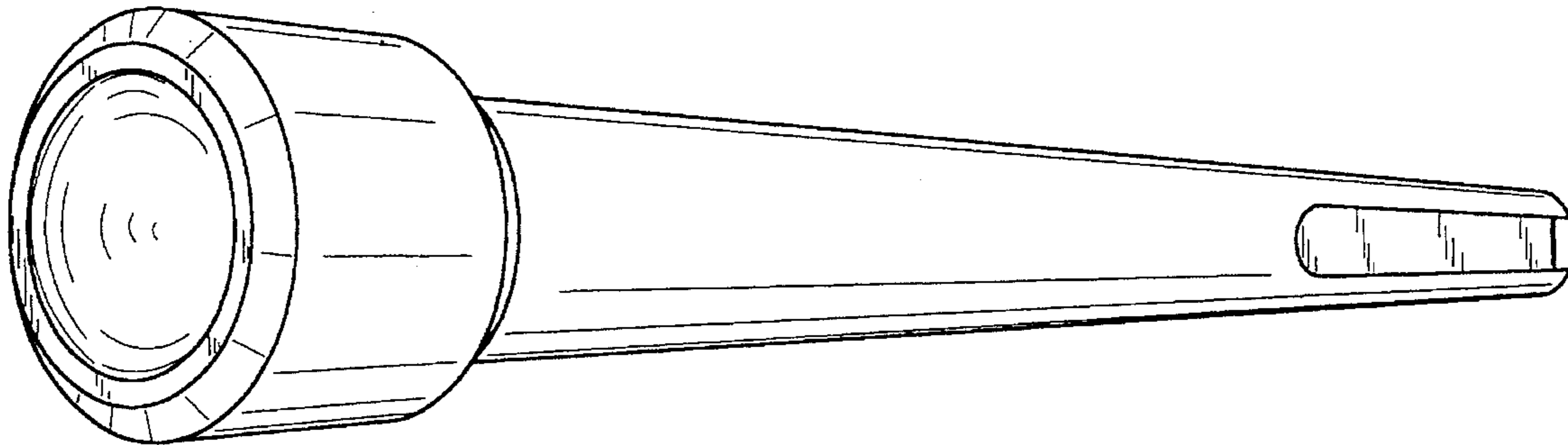
FIG. 3 is a front elevational view thereof;

FIG. 4 is a rear elevational view thereof;

FIG. 5 is a left side elevational view thereof, the opposite side elevational view being a mirror image thereof; and,

FIG. 6 is a top plan view thereof, the bottom plan view being a mirror image thereof.

1 Claim, 2 Drawing Sheets



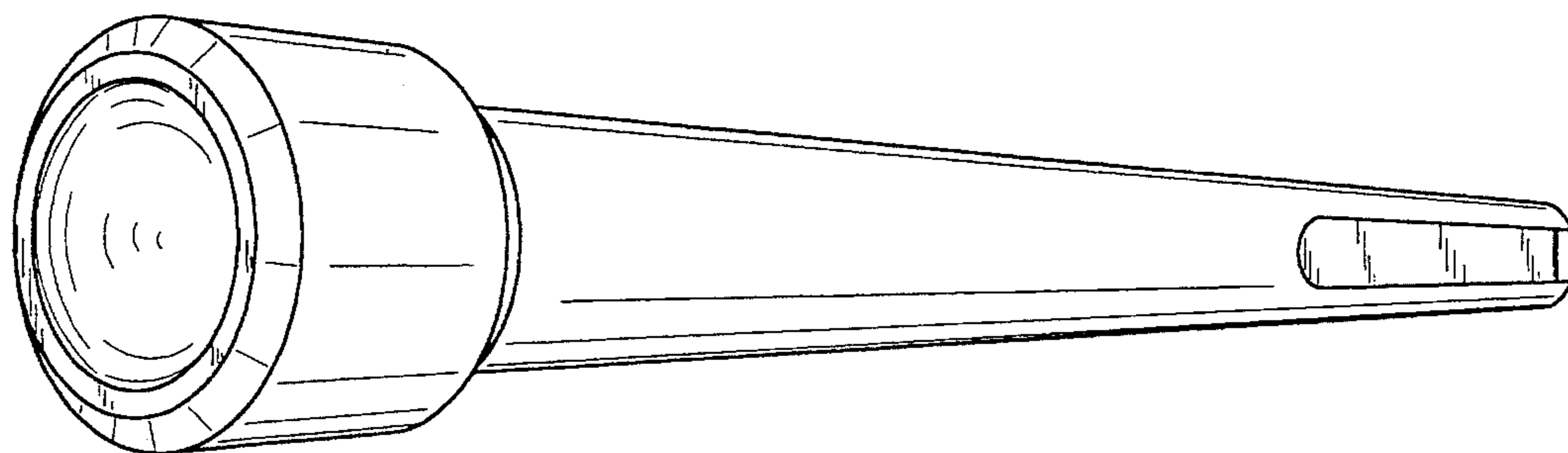


Fig.1

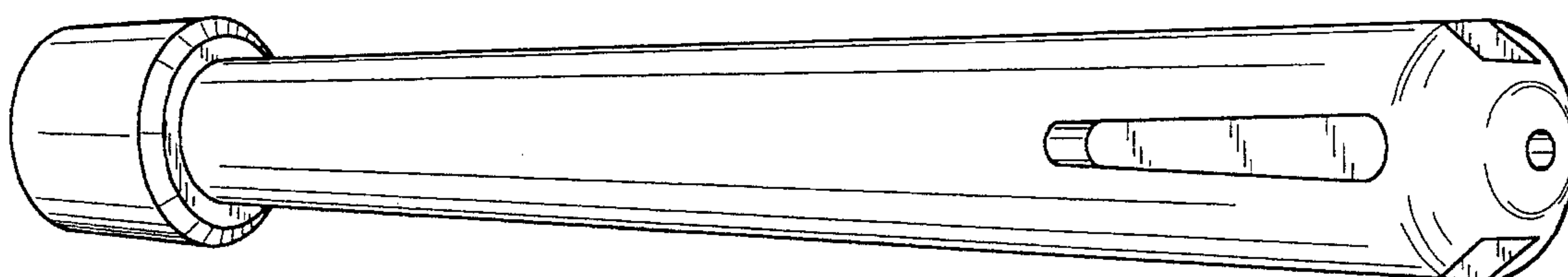


Fig.2

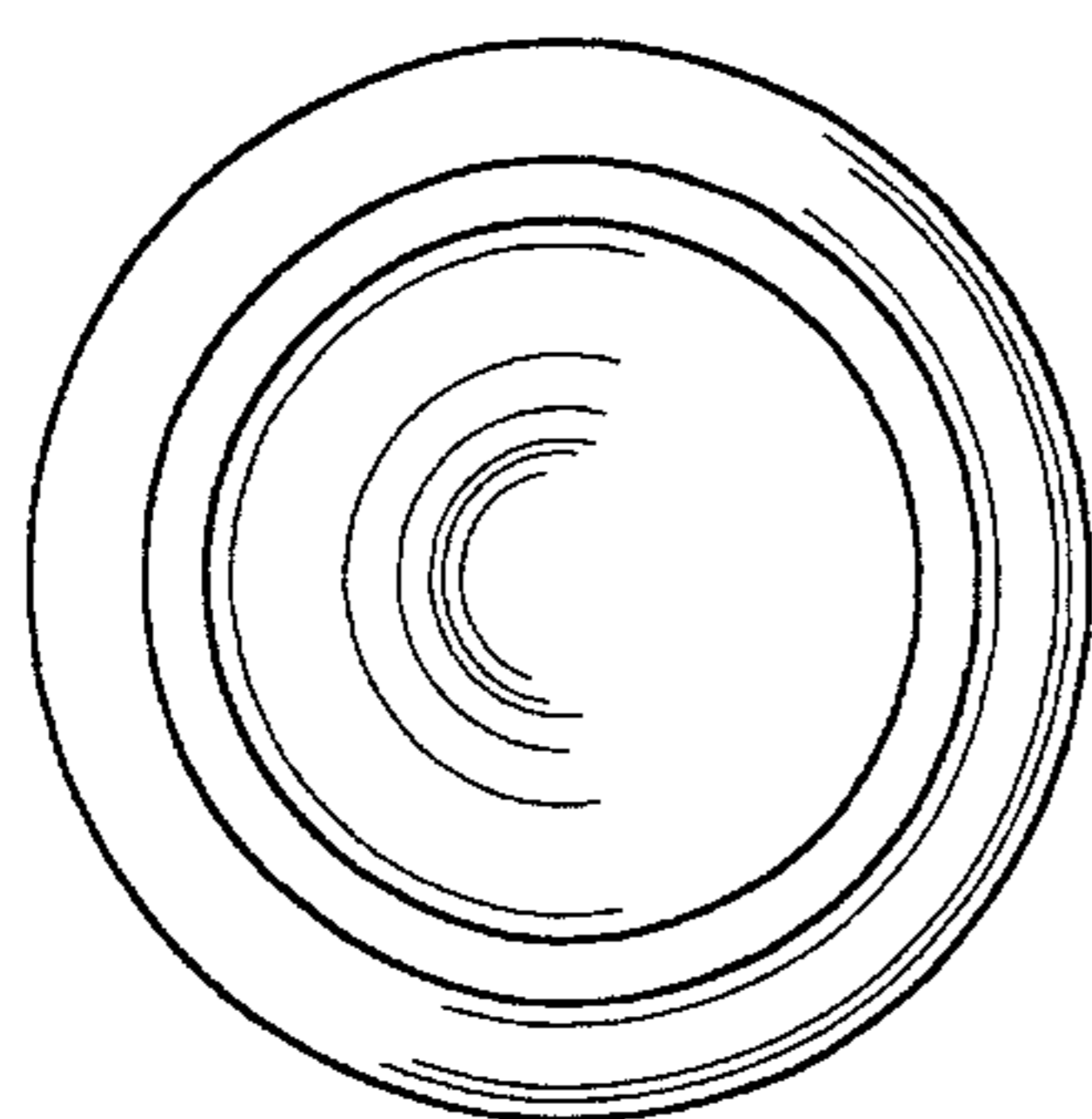


Fig.3

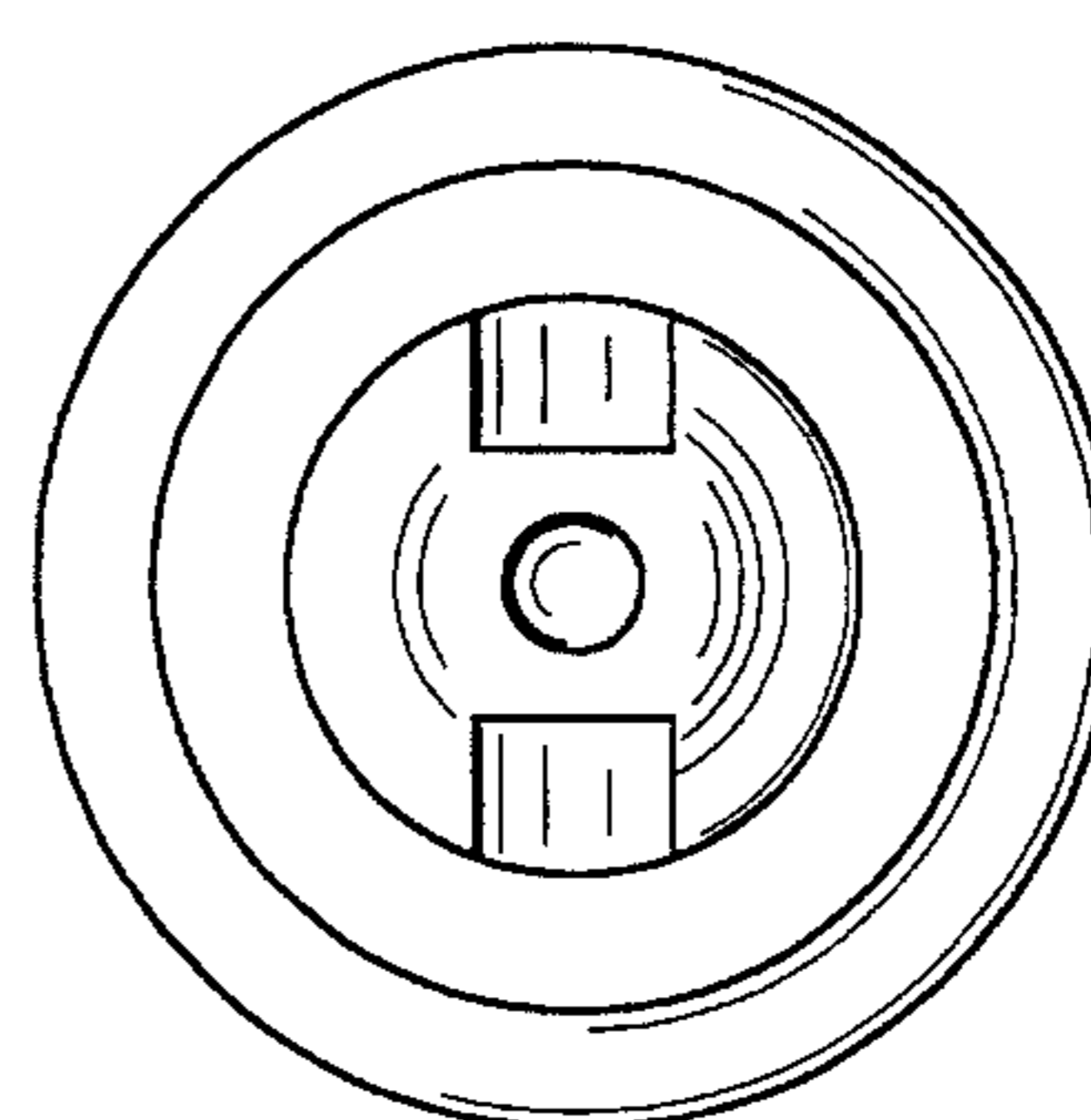


Fig.4

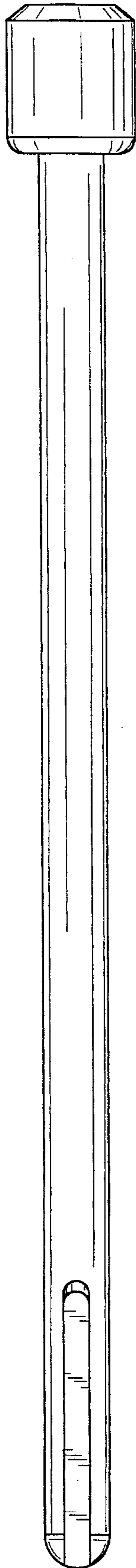


Fig.5

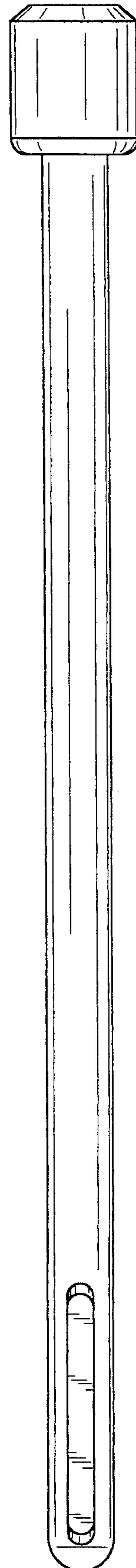


Fig.6