



US00D376084S

United States Patent [19]

[11] **Patent Number:** **Des. 376,084**

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

[76] Inventor: **Markku Karvinen**, Kvarnbergagränd 11, S-212 30 Malmö , Sweden

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

Primary Examiner—James M. Gandy
Assistant Examiner—Robert M. Spear
Attorney, Agent, or Firm—Tarolli, Sundheim, Covell, Tummino & Szabo

[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**

FIG. 2 is a top rear perspective view thereof;

U.S. PATENT DOCUMENTS

FIG. 3 is a front elevational view thereof;

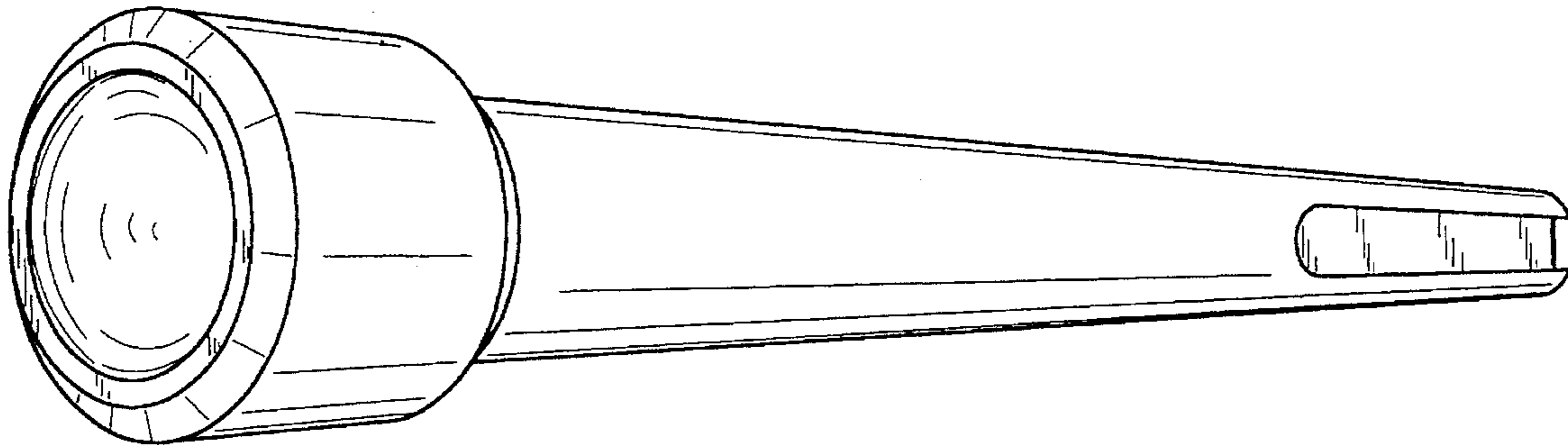
D. 83,321	2/1931	Friedman	D8/29
D. 142,054	8/1945	Young	D8/29
D. 299,613	1/1989	Laurie	D8/29
D. 327,825	7/1992	Oglesby et al.	D8/70
D. 356,320	3/1995	Catalanotti et al.	D15/135
D. 363,011	10/1995	Gruner et al.	D8/29

FIG. 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



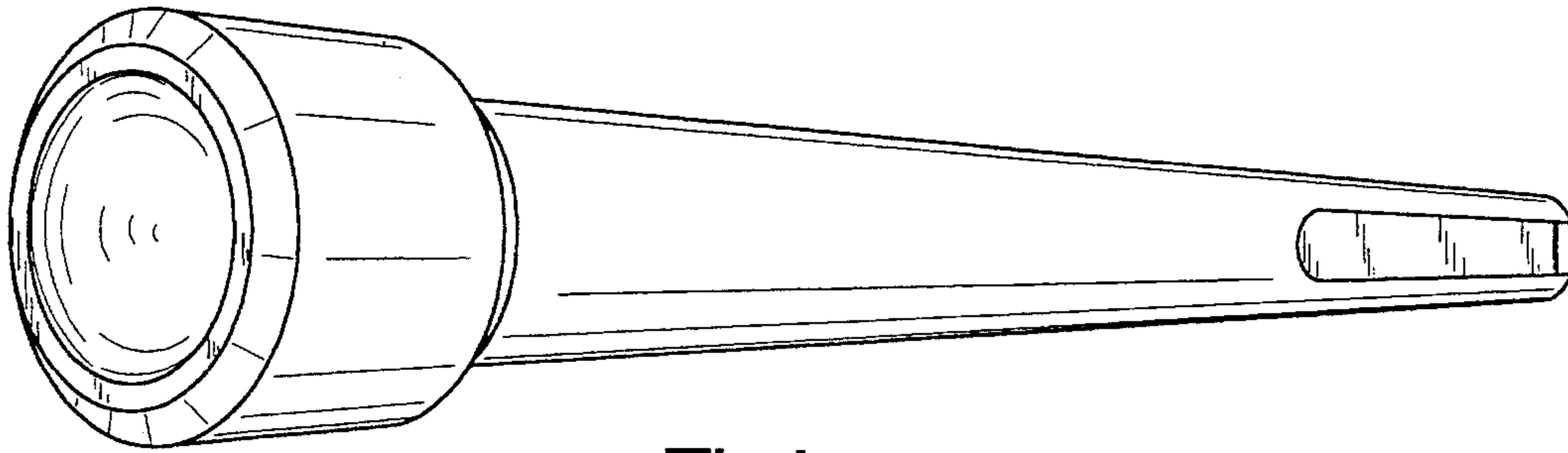


Fig.1

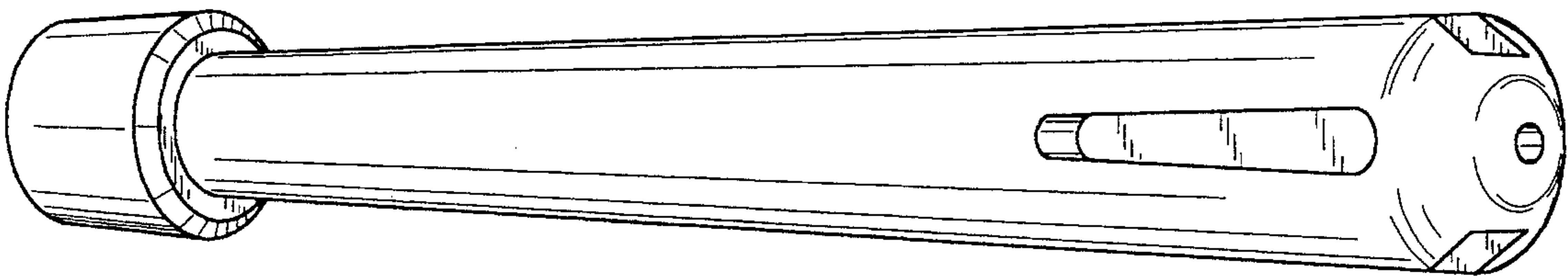


Fig.2

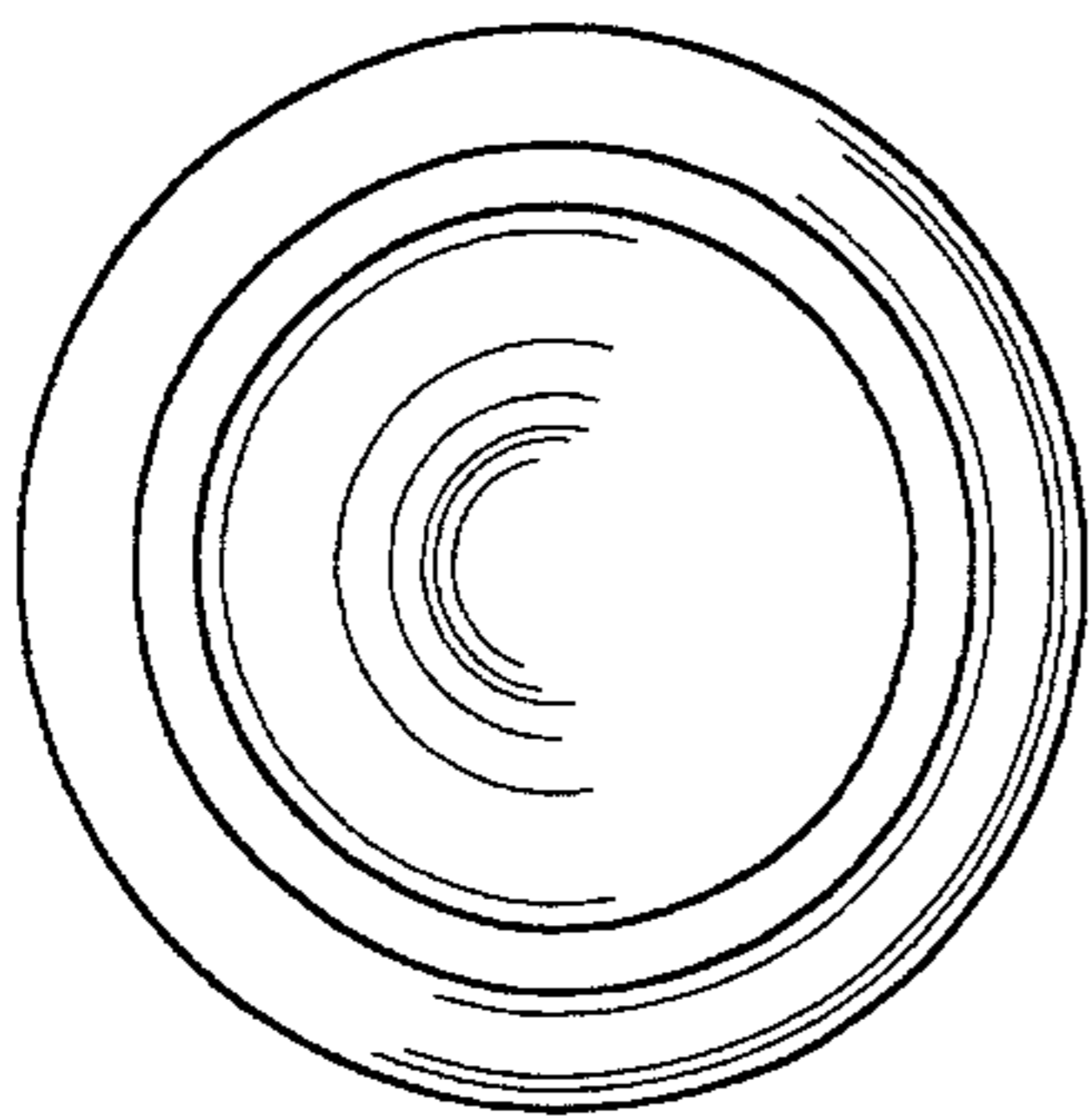


Fig.3

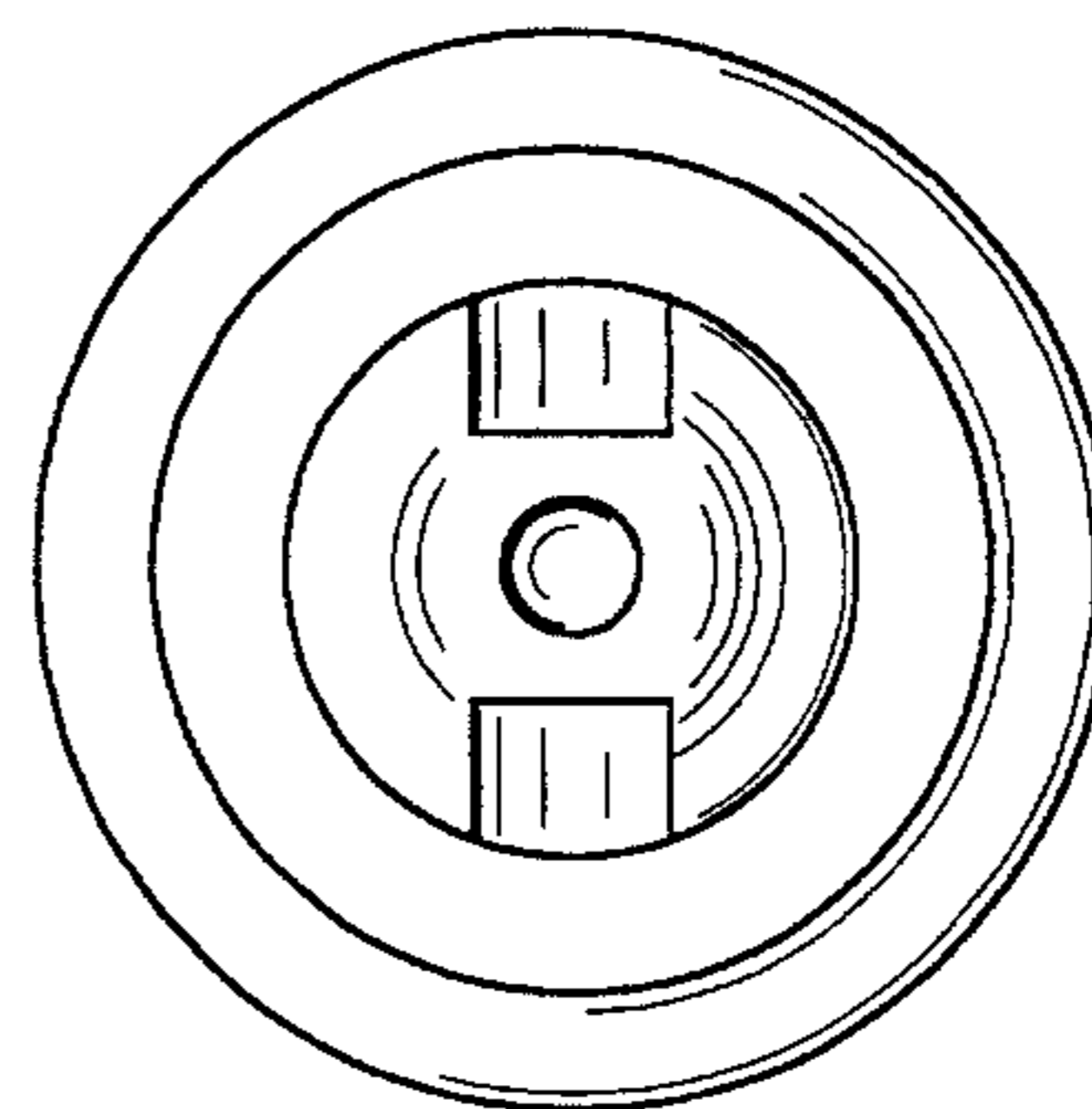


Fig.4

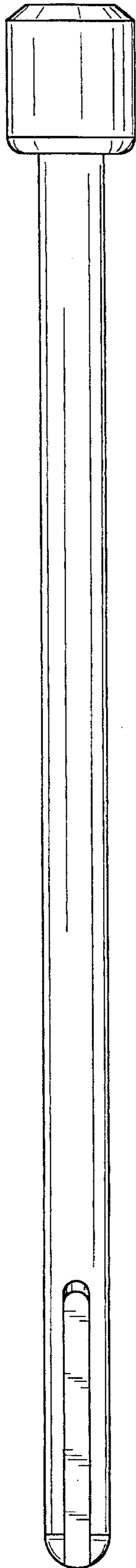


Fig.5

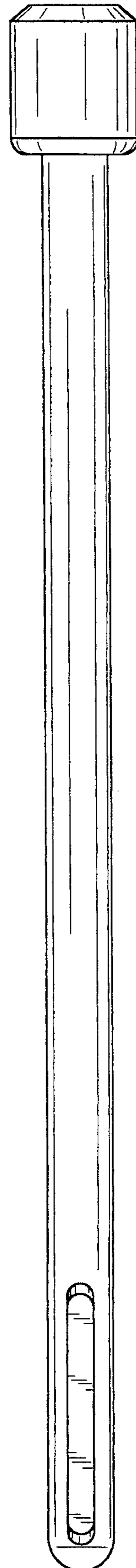


Fig.6