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

(10) **Patent No.:** **US D494,677 S**

(45) **Date of Patent:** **\*\* Aug. 17, 2004**

(54) **NEEDLE HUB**

(75) **Inventor:** **David Garvin**, Coral Gables, FL (US)

(73) **Assignee:** **Retrax Safety Systems, Inc.**, Miami, FL (US)

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

(21) **Appl. No.:** **29/169,288**

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(51) **LOC (7) Cl.** ..... **24-02**

(52) **U.S. Cl.** ..... **D24/130**

(58) **Field of Search** ..... D24/130, 112,  
D24/129, 222; 604/533, 246, 905, 283,  
187, 247, 177

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D303,291 S \* 9/1989 Magrath ..... D24/129  
6,106,502 A \* 8/2000 Richmond ..... 604/246

2002/0128607 A1 \* 9/2002 Haury et al. .... 604/905

\* cited by examiner

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(57) **CLAIM**

The ornamental design for a needle hub, as shown and described.

**DESCRIPTION**

FIG. 1 is a side elevational view of a needle hub, showing my new design. The broken line showing of the syringe and needle are for illustrative purposes only and forms no part of the claimed design;

FIG. 2 is a perspective view of the needle hub;

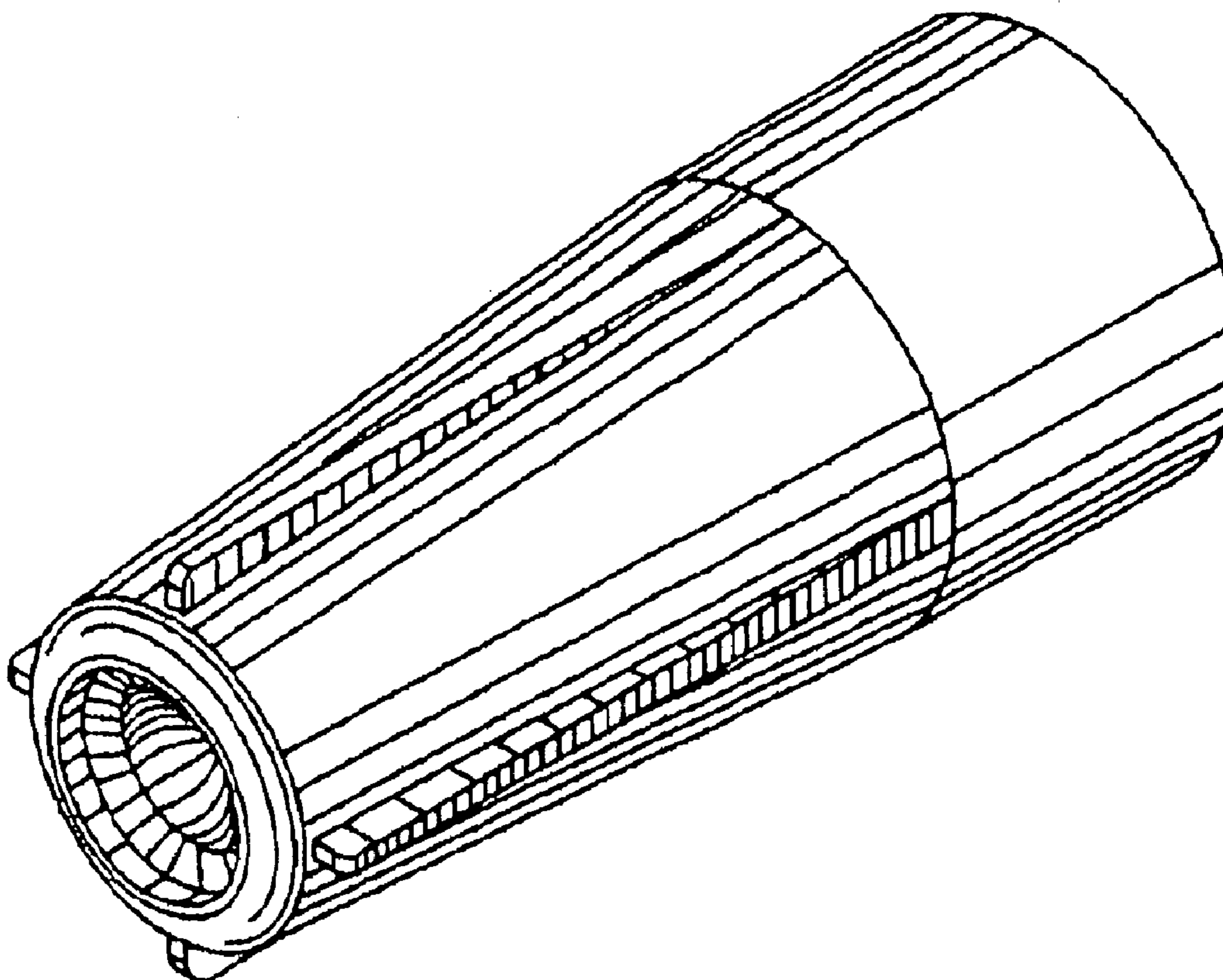
FIG. 3 is a front end view thereof;

FIG. 4 is a cross-sectional view thereof, taken along the line 4—4 of FIG.;

FIG. 5 is a rear end view thereof; and,

FIG. 6 is side elevational view thereof.

**1 Claim, 2 Drawing Sheets**



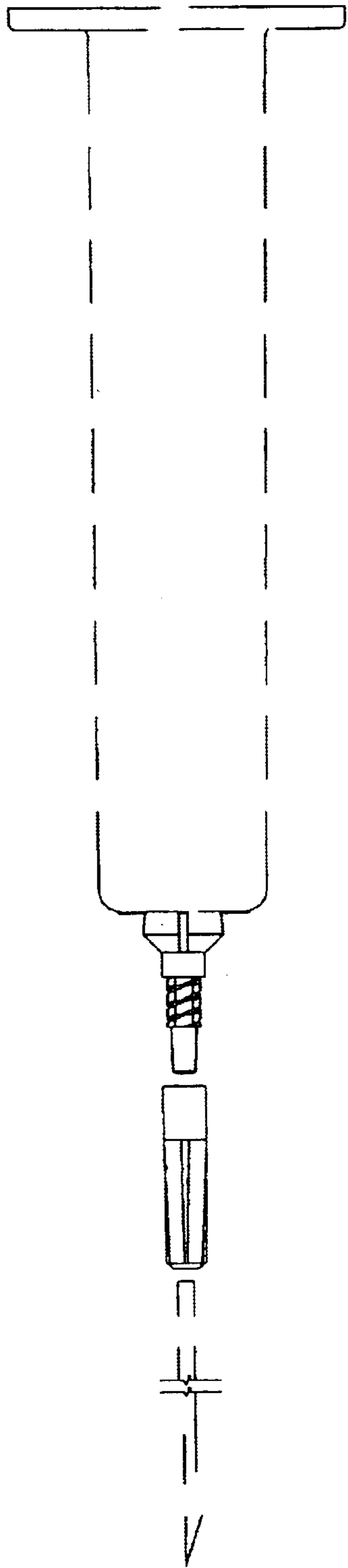


FIG 1

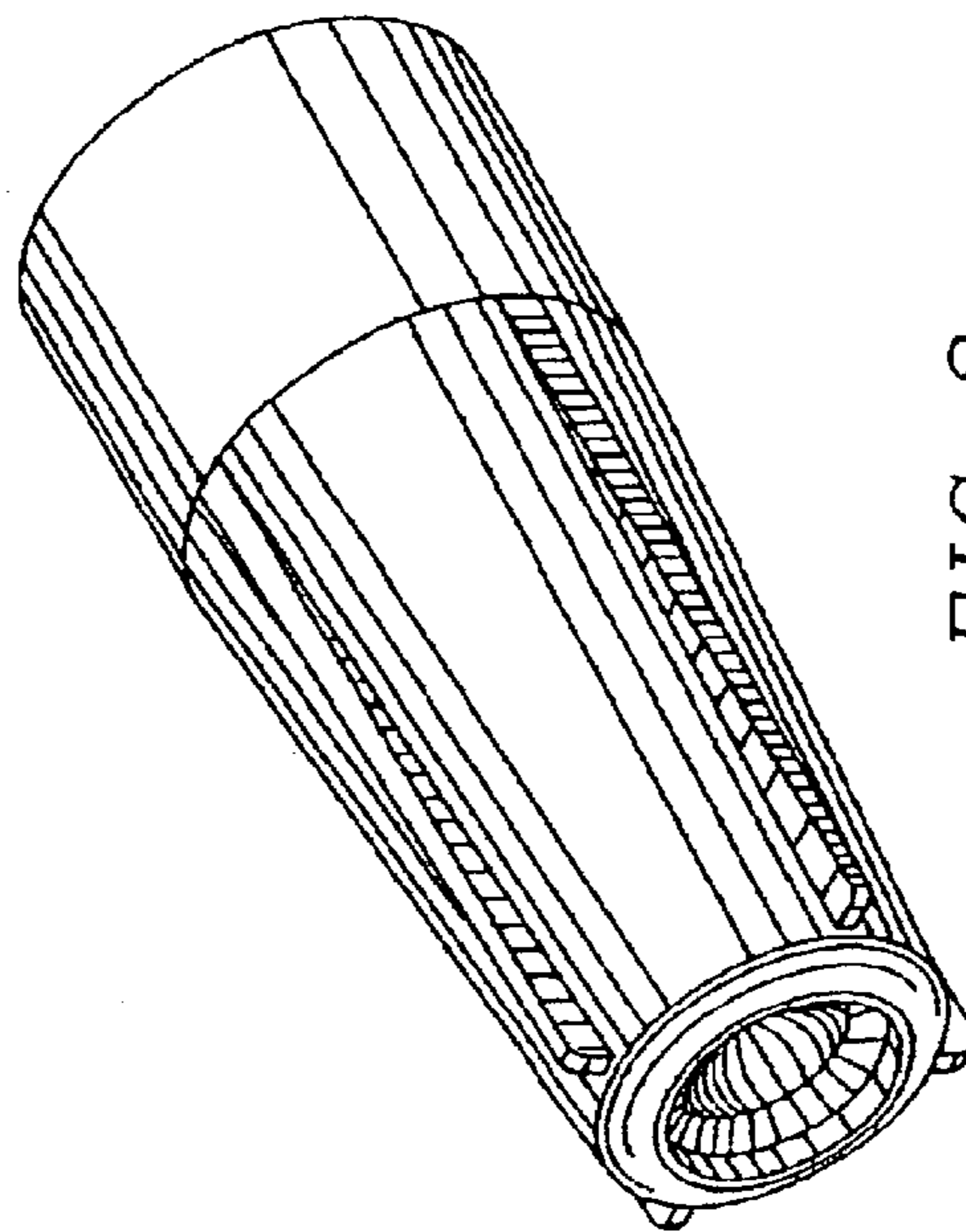


FIG 2

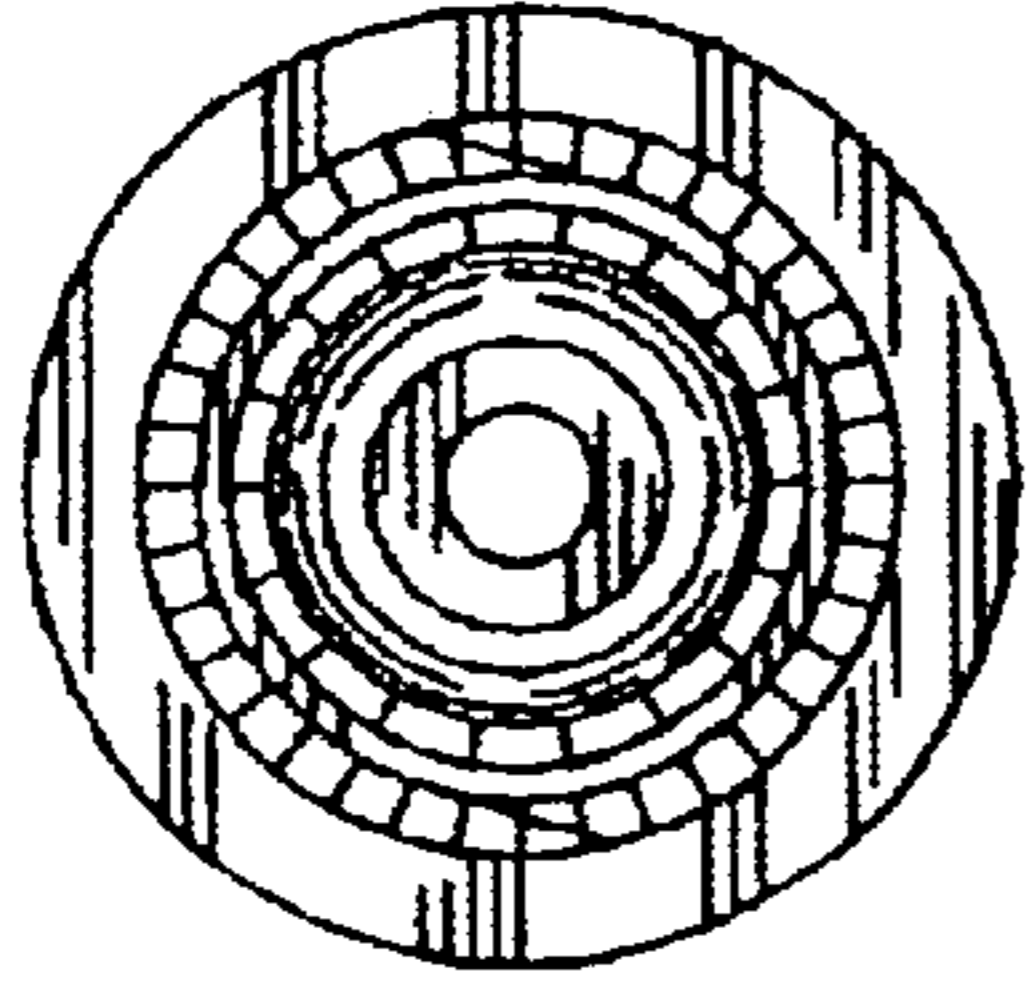


FIG 5

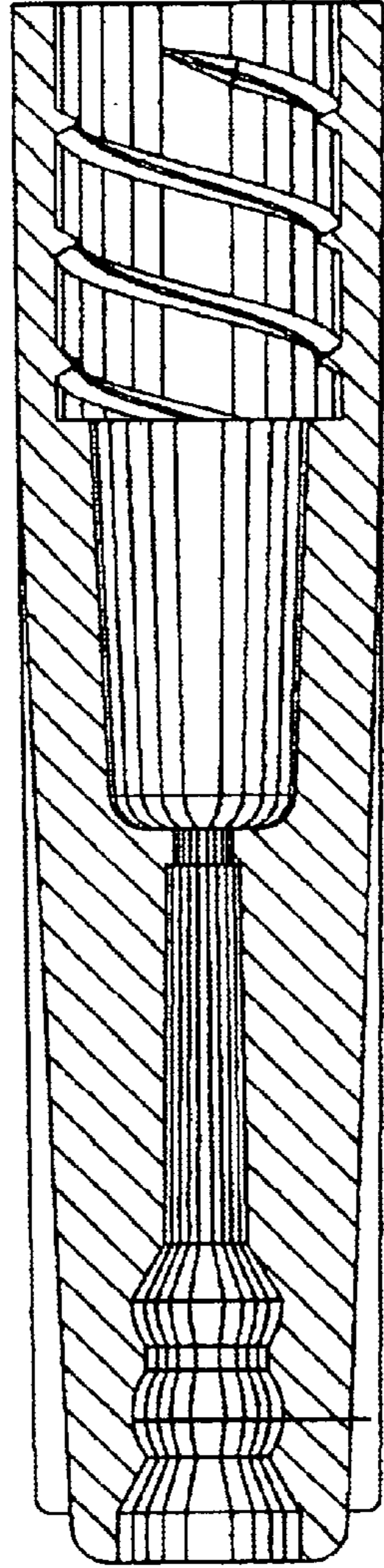


FIG 4

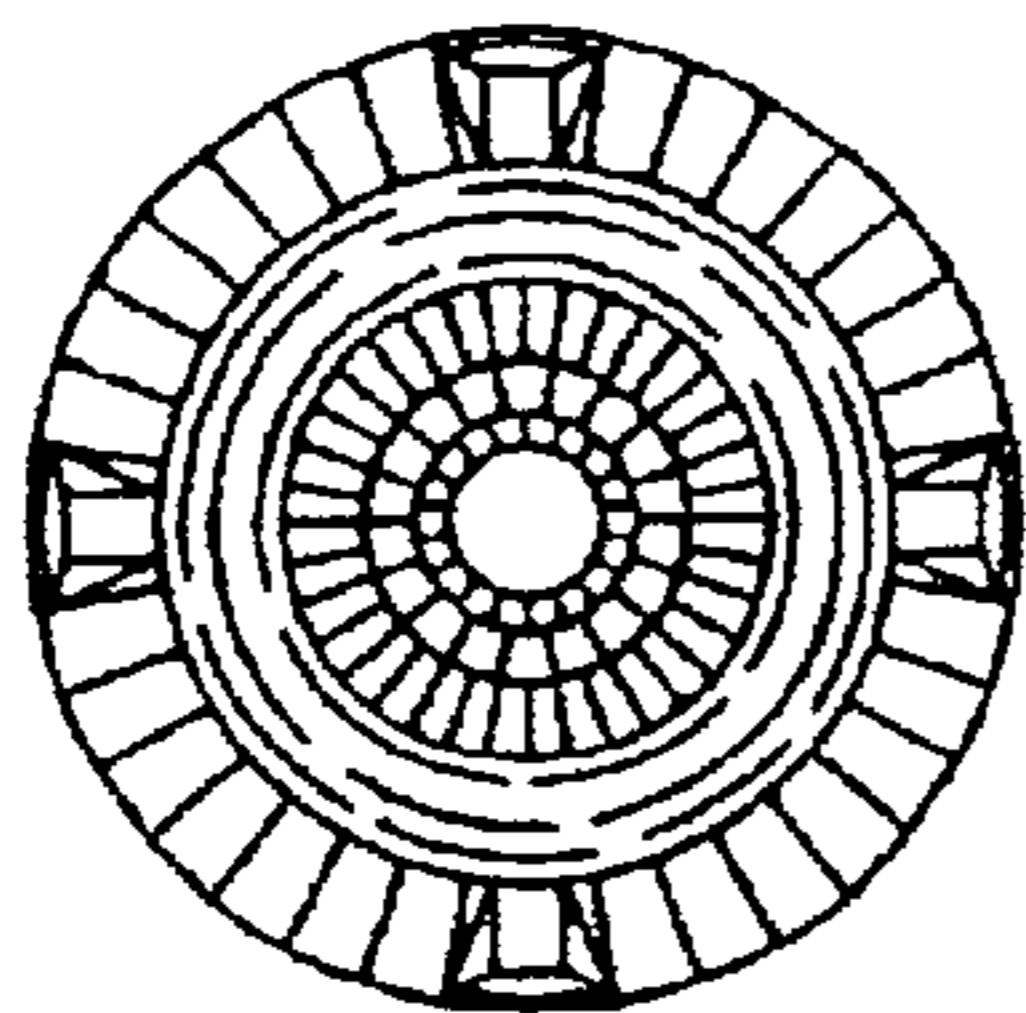


FIG 3

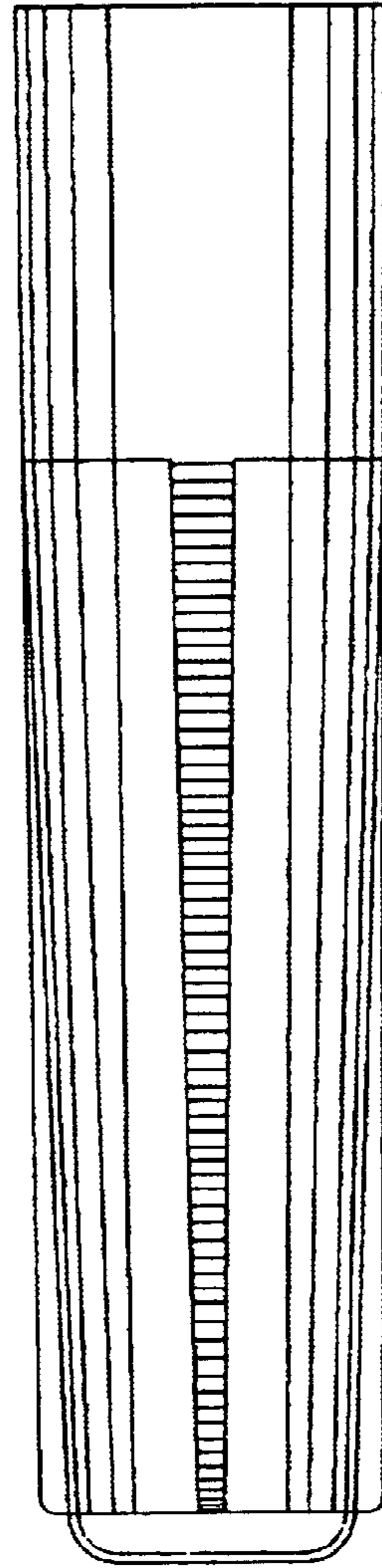


FIG 6

