

US00D492708S1

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

(10) **Patent No.:** **US D492,708 S**  
(45) **Date of Patent:** **\*\* Jul. 6, 2004**

(54) **SHANK OF GRINDING PEN**

5,759,092 A \* 6/1998 Liu ..... 451/125  
6,681,655 B2 \* 1/2004 Rein ..... 76/48

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\* cited by examiner

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

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(21) Appl. No.: **29/185,543**

(57) **CLAIM**

(22) Filed: **Jul. 1, 2003**

The ornamental design for shank of grinding pen, as shown  
and described.

(51) **LOC (7) Cl.** ..... **15-09**

**DESCRIPTION**

(52) **U.S. Cl.** ..... **D15/133**

(58) **Field of Search** ..... D15/133; 76/30-45,  
76/48

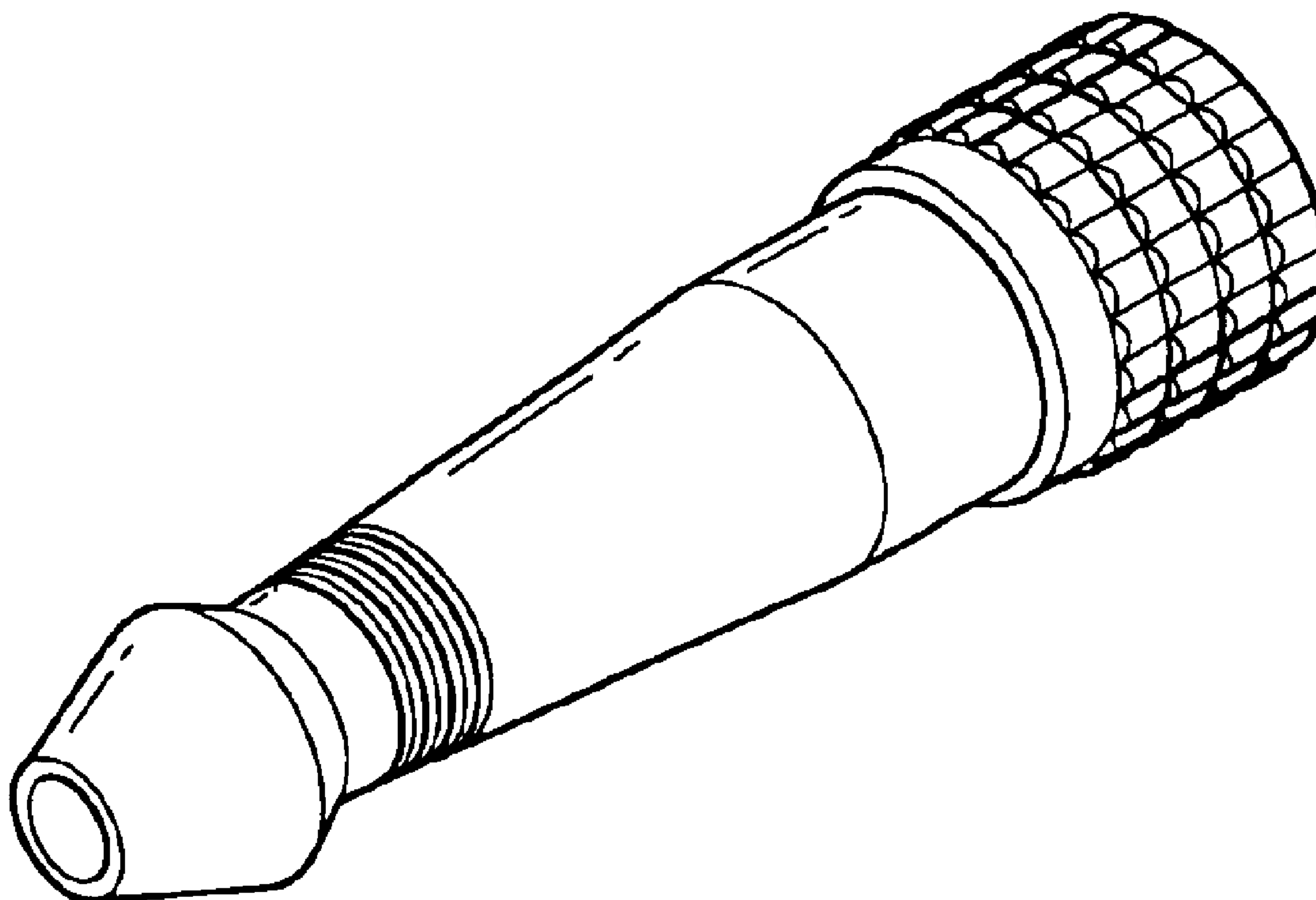
FIG. 1.is a top, front right side perspective view thereof;  
FIG. 2.is a front elevational view thereof;  
FIG. 3.is a rear elevational view thereof;  
FIG. 4.is a left plan view thereof;  
FIG. 5.is a right plan view thereof;  
FIG. 6.is a top plan view thereof; and,  
FIG. 7.is a bottom plan view thereof.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

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5,213,207 A \* 5/1993 Konev ..... 206/234  
5,241,882 A \* 9/1993 Eriksson ..... 76/36

**1 Claim, 6 Drawing Sheets**



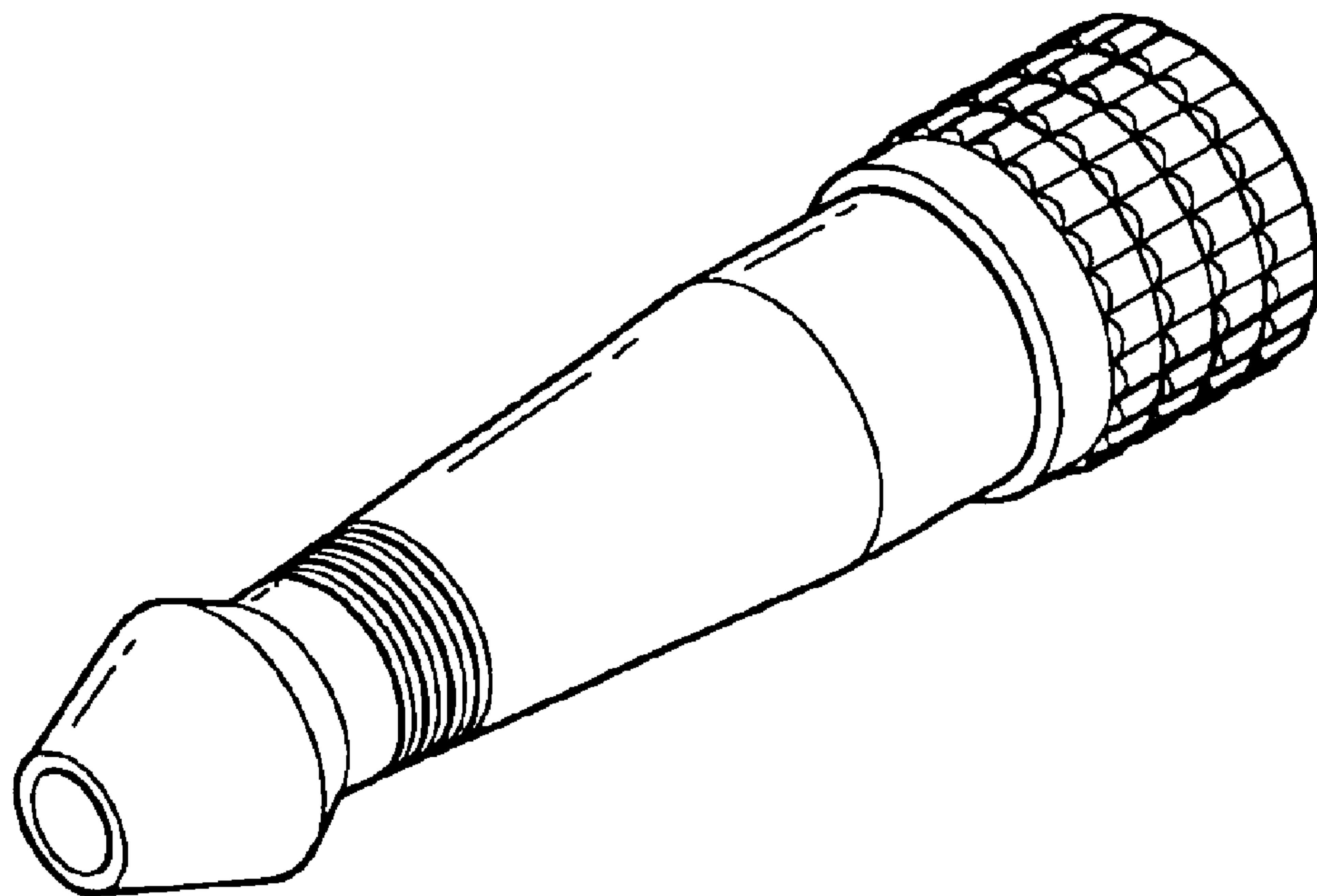


FIG. 1

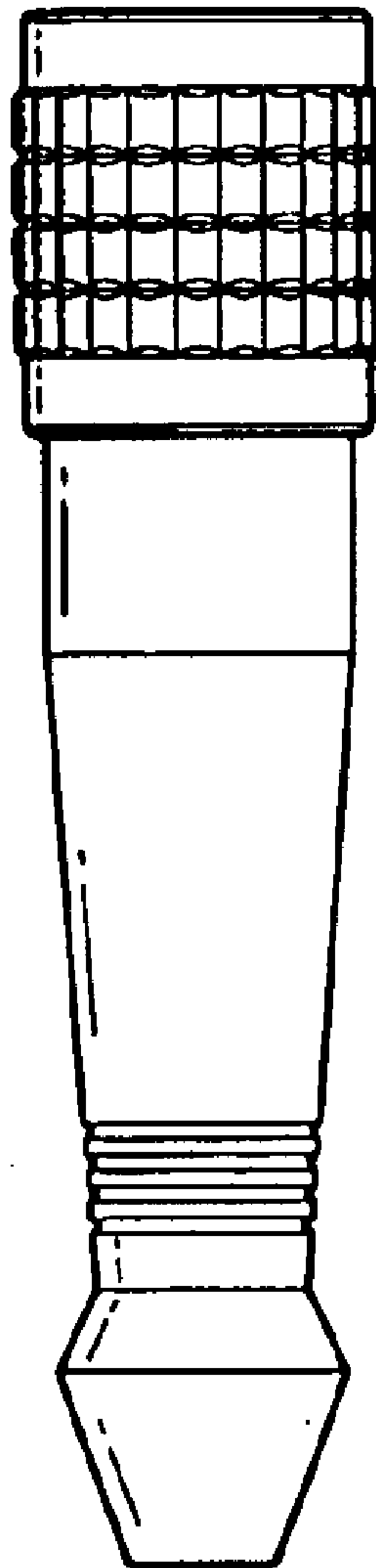


FIG. 2

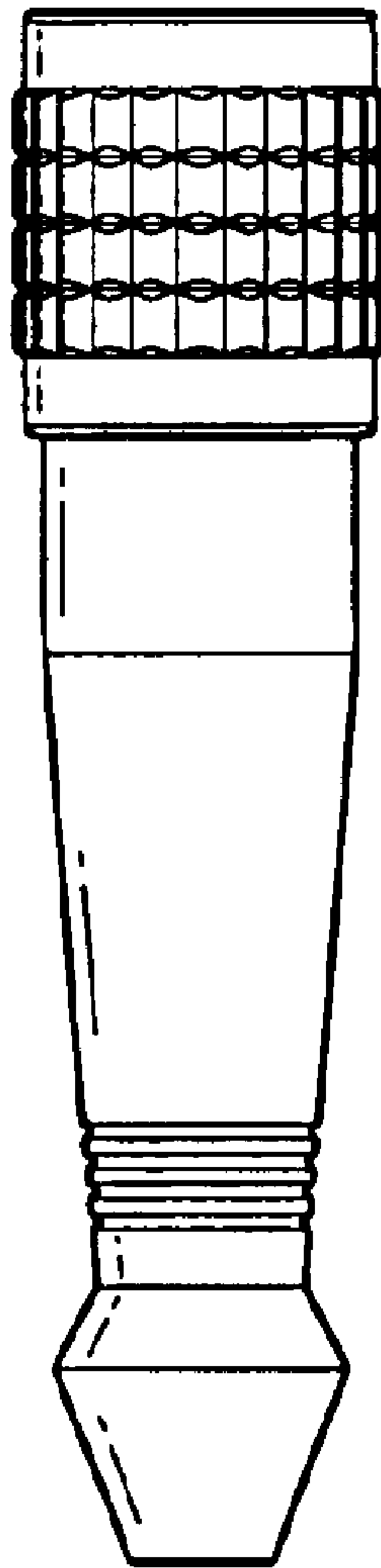


FIG. 3

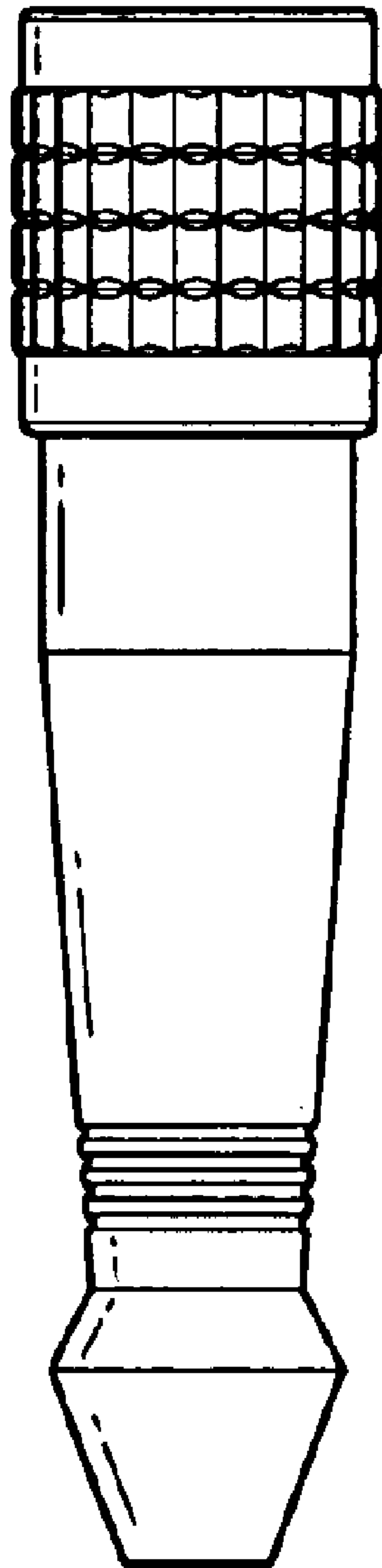


FIG. 4

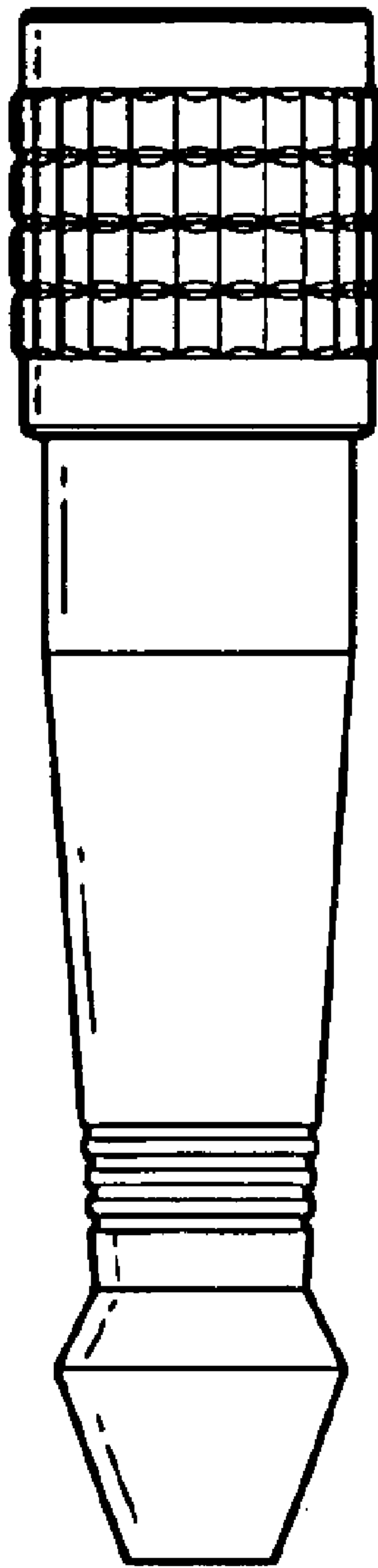


FIG. 5

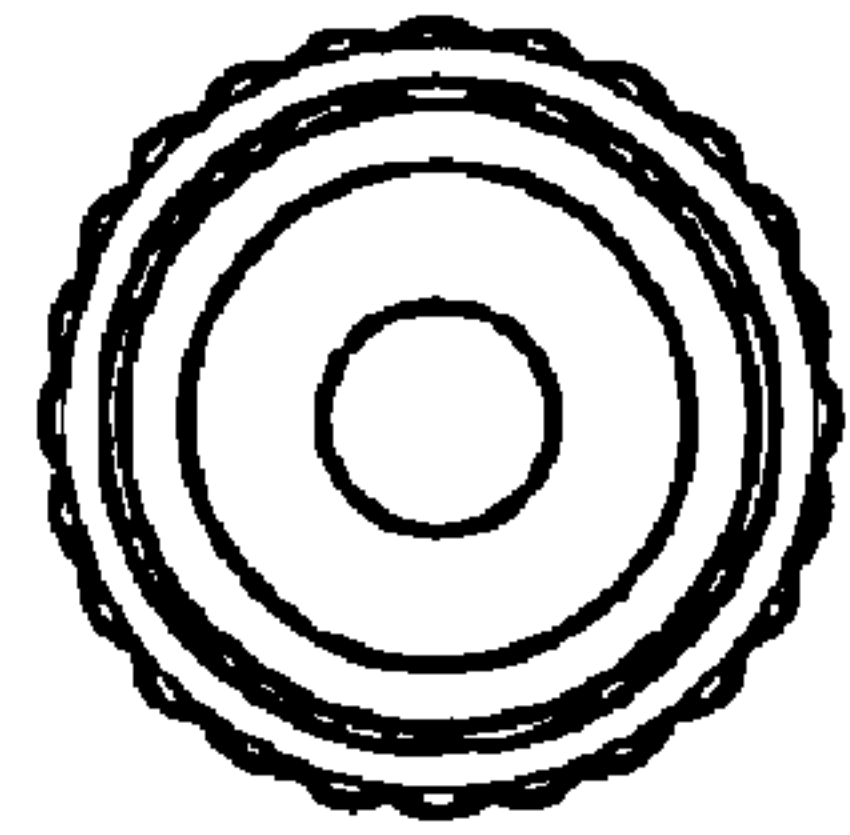


FIG. 6

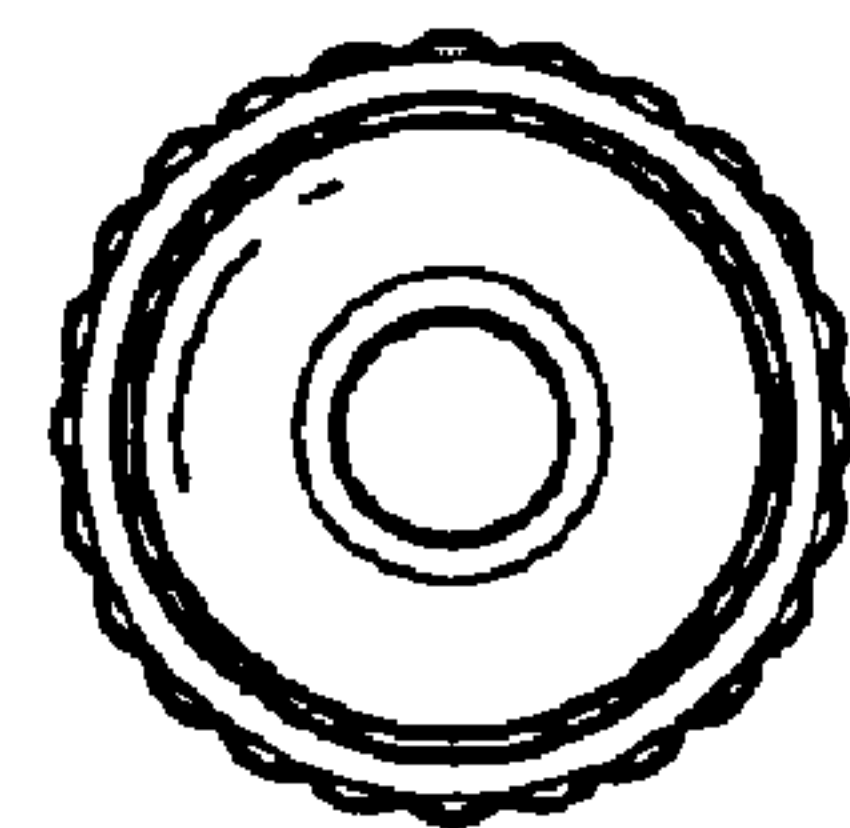


FIG. 7