

US00D503797S

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

(10) **Patent No.:** **US D503,797 S**

(45) **Date of Patent:** **\*\* Apr. 5, 2005**

(54) **PEN-TYPE INJECTOR**

D479,747 S \* 9/2003 Bainton ..... D24/114  
D492,405 S \* 6/2004 Bainton ..... D24/114

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\* cited by examiner

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Warwick (GB)

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

(57) **CLAIM**

(21) **Appl. No.:** **29/180,287**

The ornamental design for a pen-type injector, as shown and described.

(22) **Filed:** **Apr. 22, 2003**

**DESCRIPTION**

(30) **Foreign Application Priority Data**

Nov. 9, 2002 (GB) ..... 3008498

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

(52) **U.S. Cl.** ..... **D24/114**

(58) **Field of Search** ..... 604/68, 69, 70,  
604/71, 185, 187, 198, 207, 208, 209, 211,  
218, 246, 506; D19/43; D24/114, 127,  
128, 189

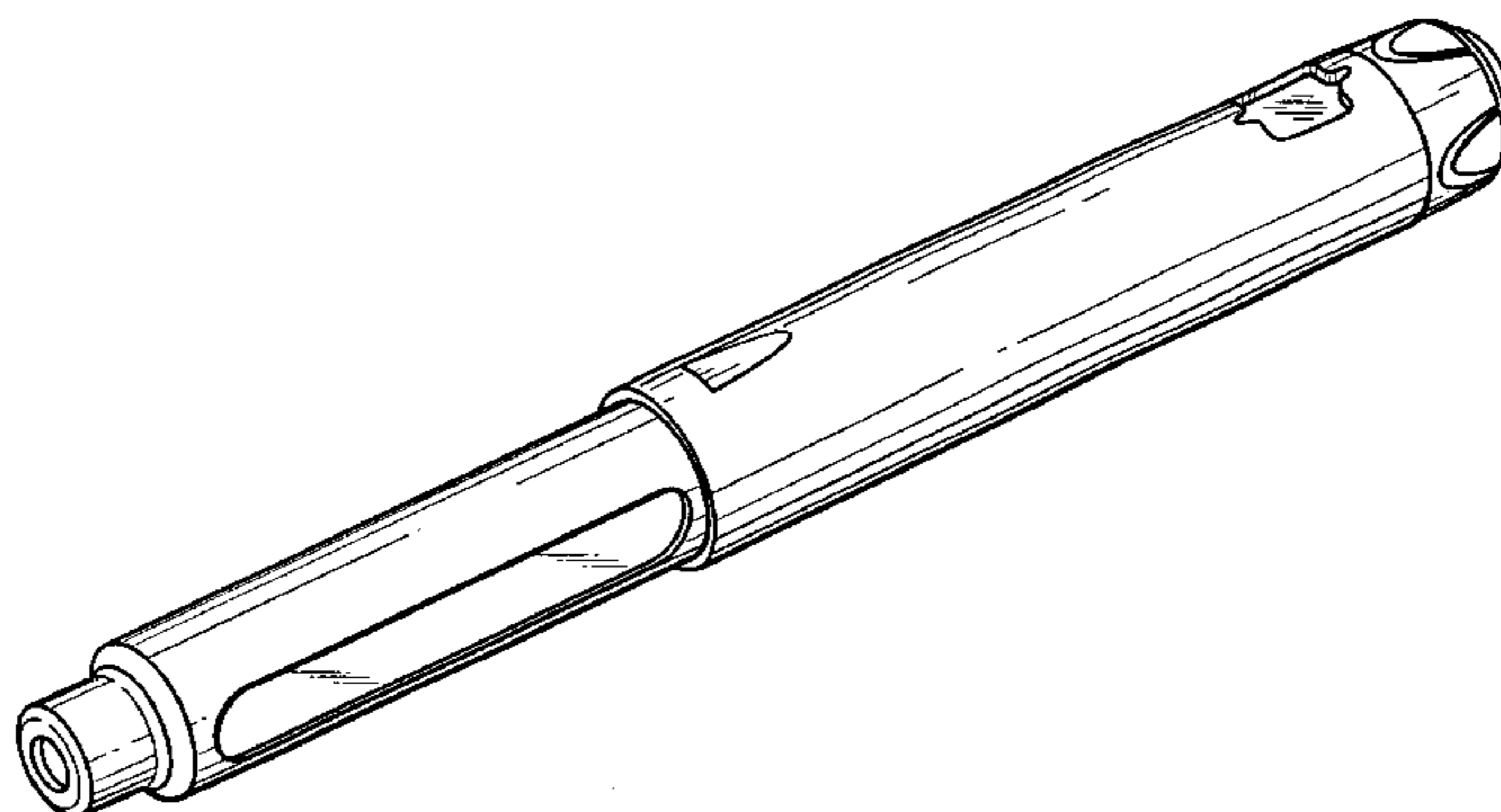
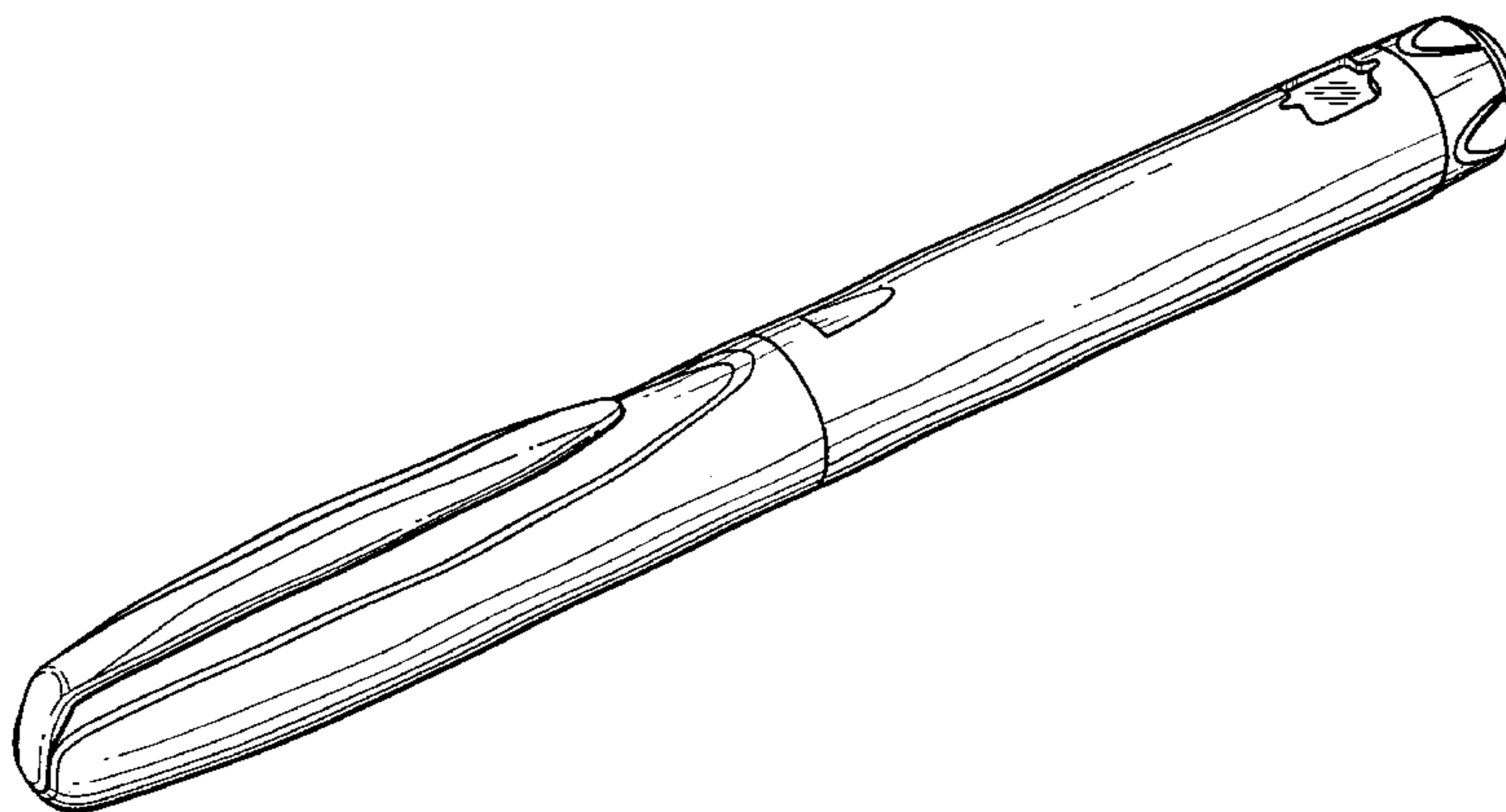
FIG. 1 is a perspective view of a pen-type injector;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a right-side view thereof;  
FIG. 5 is a left-side view thereof;  
FIG. 6 is a top view thereof;  
FIG. 7 is a bottom view thereof;  
FIG. 8 is a perspective view thereof with a cap removed;  
FIG. 9 is a front view thereof with a cap removed;  
FIG. 10 is a rear view thereof with a cap removed;  
FIG. 11 is a right-side view thereof with a cap removed;  
FIG. 12 is a left-side view thereof with a cap removed;  
FIG. 13 is a top view thereof with a cap removed; and,  
FIG. 14 is a bottom view thereof with a cap removed.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

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**1 Claim, 6 Drawing Sheets**



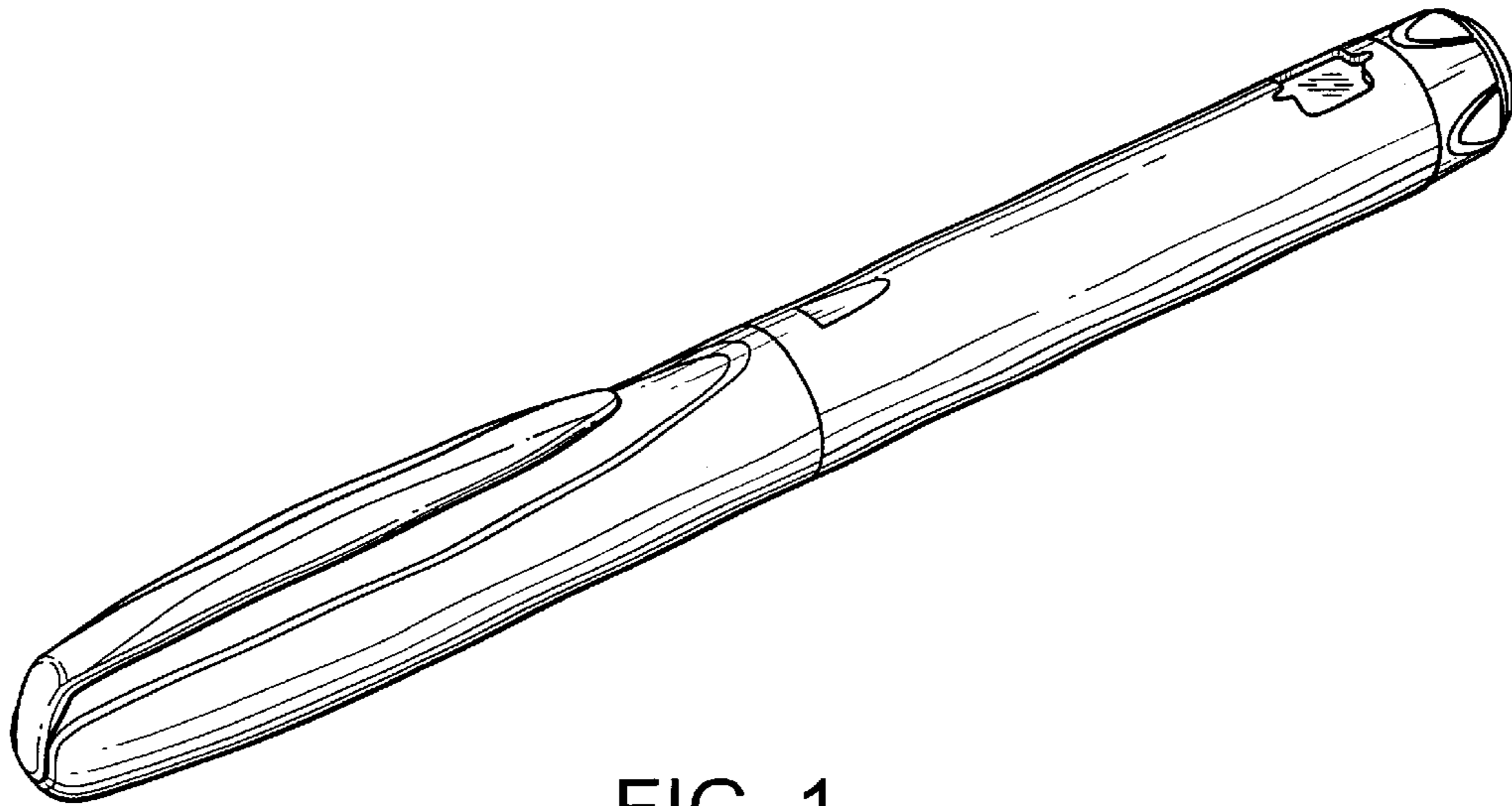


FIG. 1

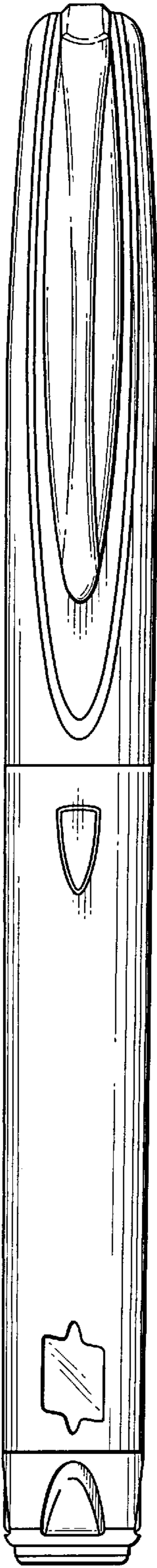


FIG. 2

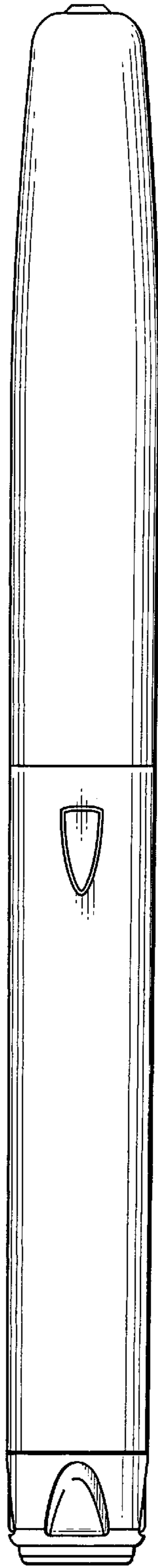


FIG. 3

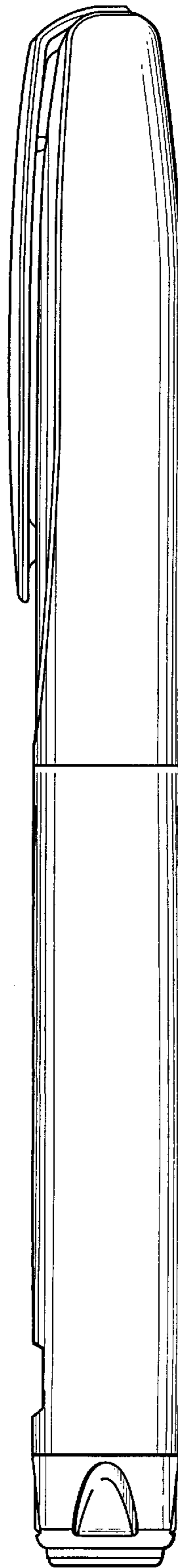


FIG. 4

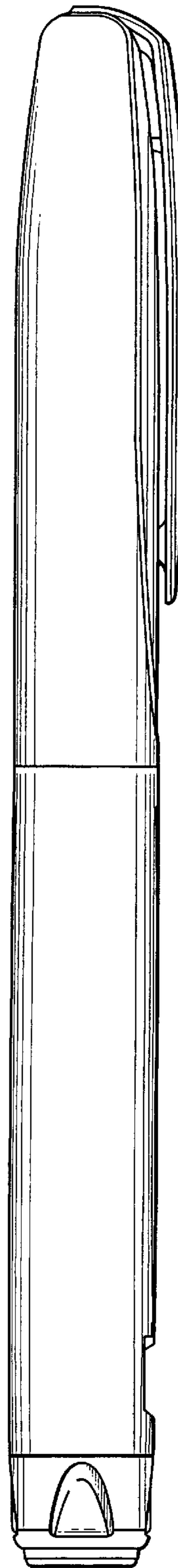


FIG. 5

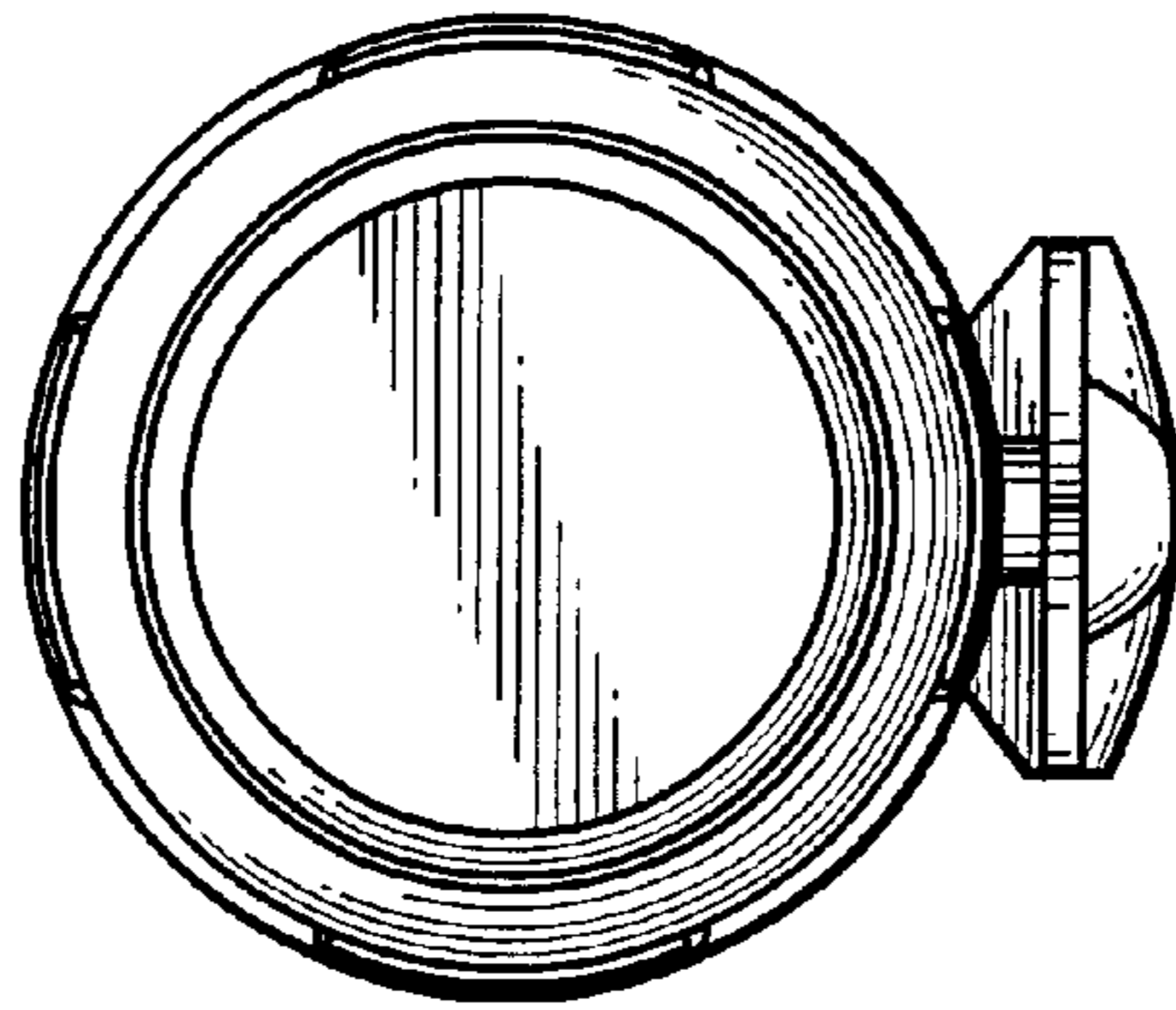


FIG. 6

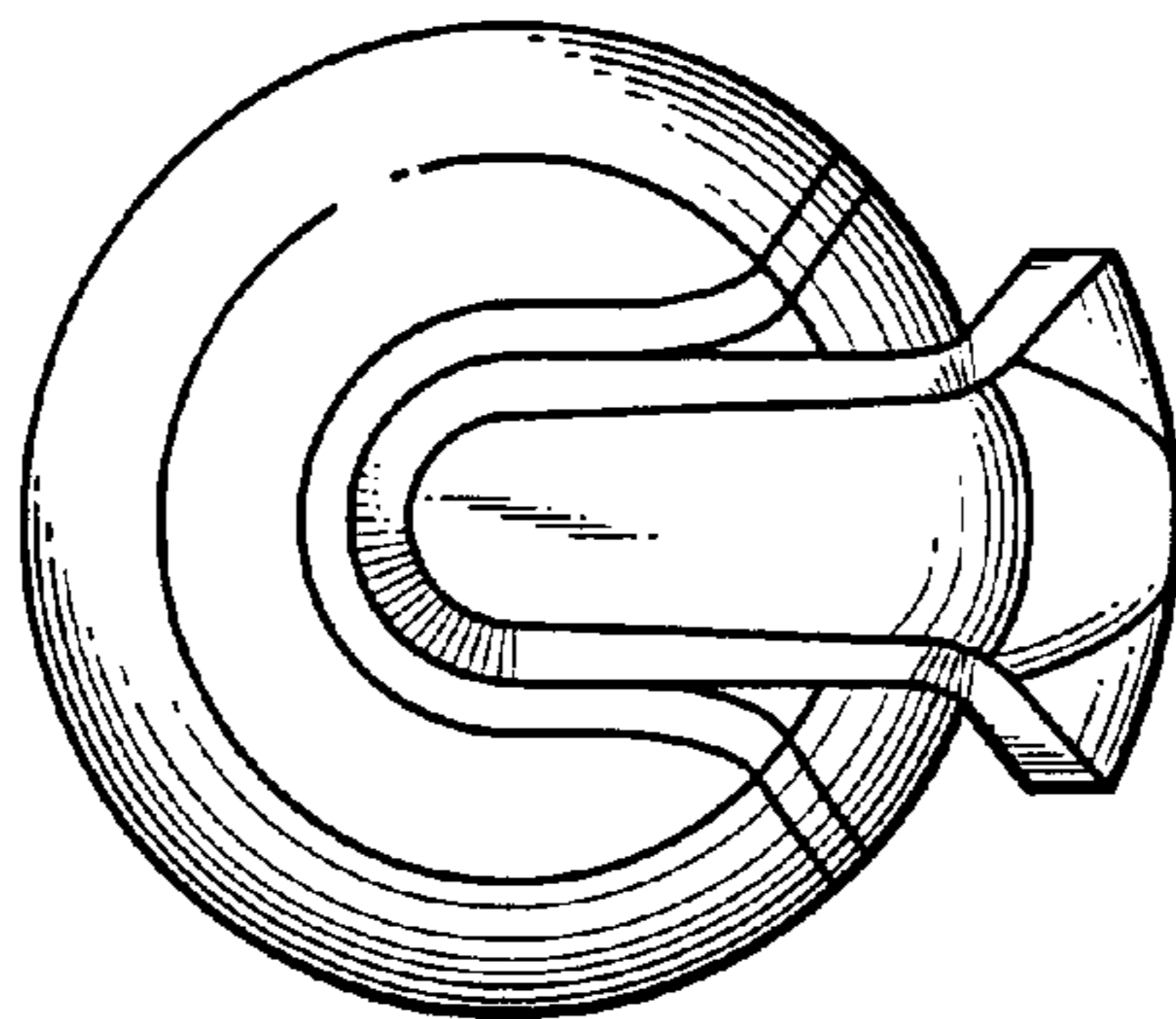


FIG. 7

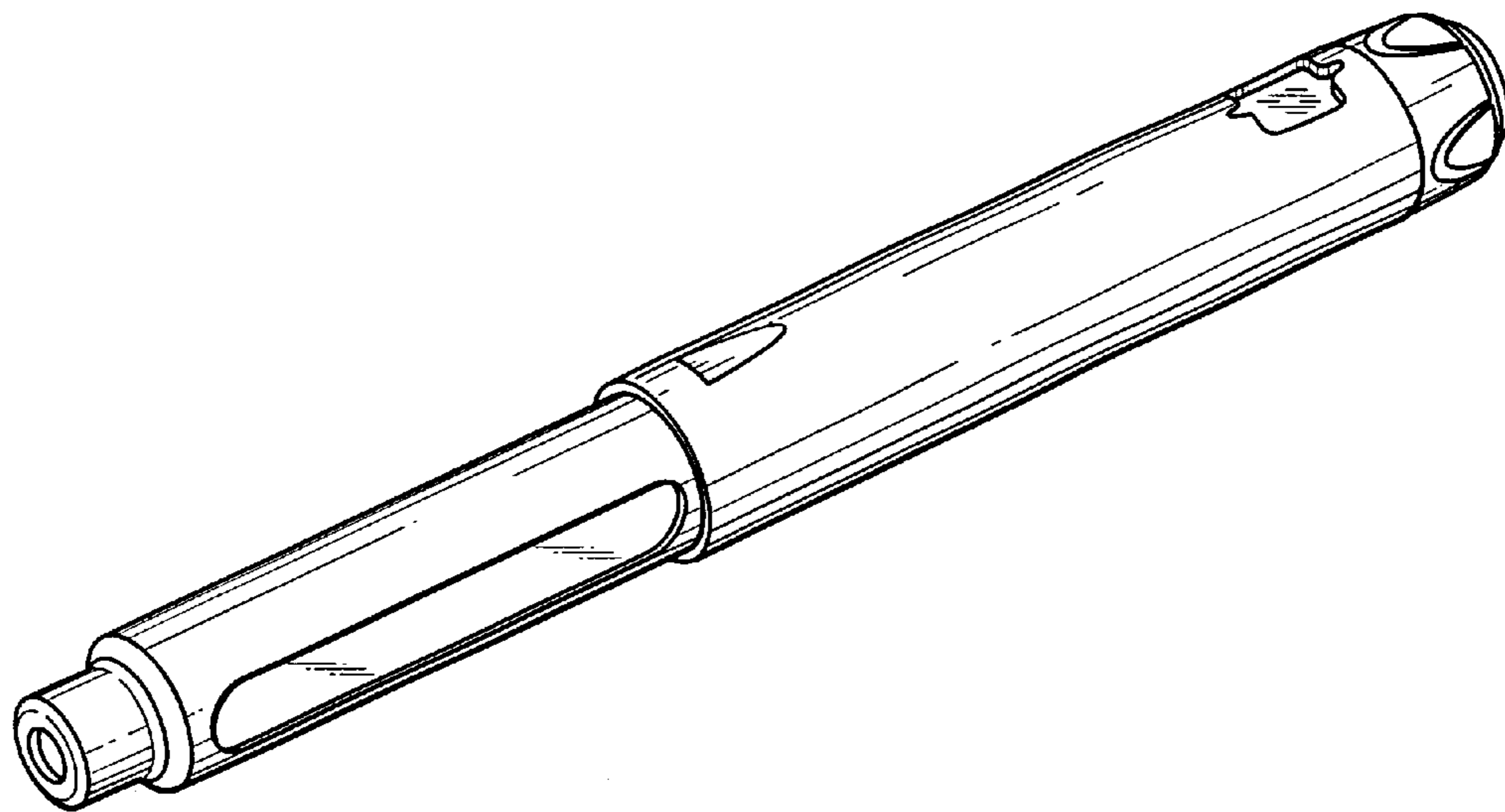


FIG. 8

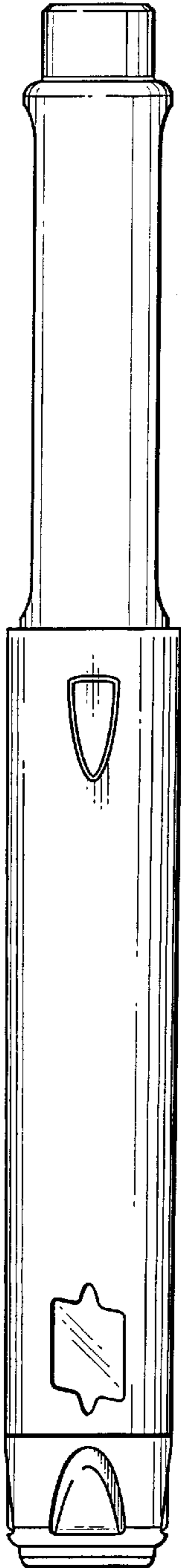


FIG. 9

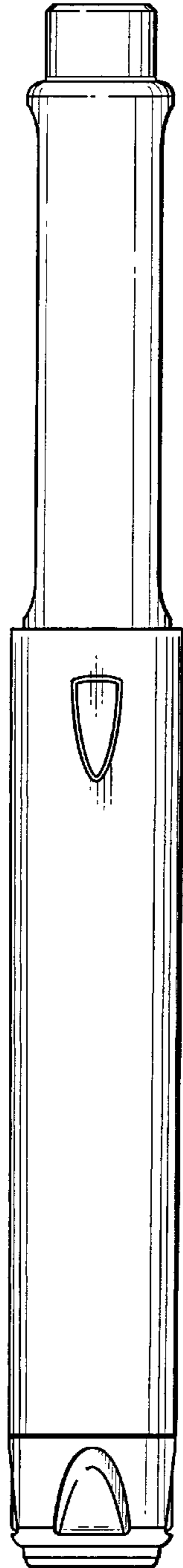


FIG. 10

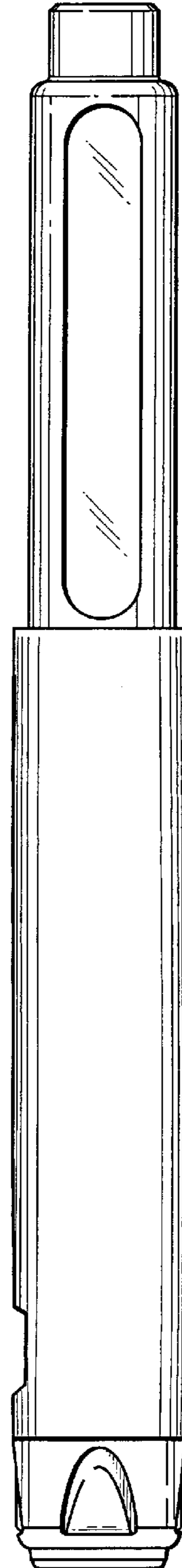


FIG. 11

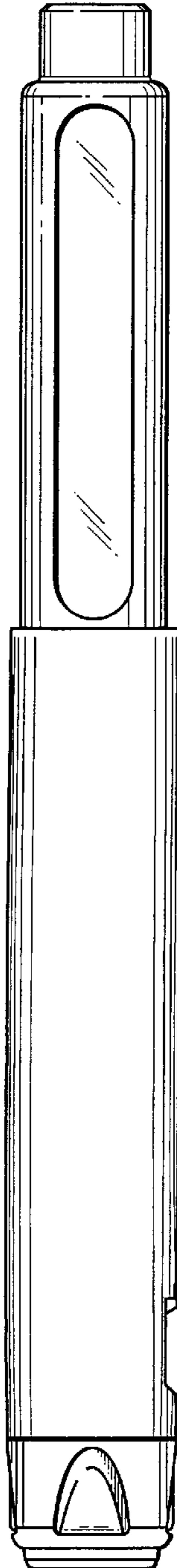


FIG. 12

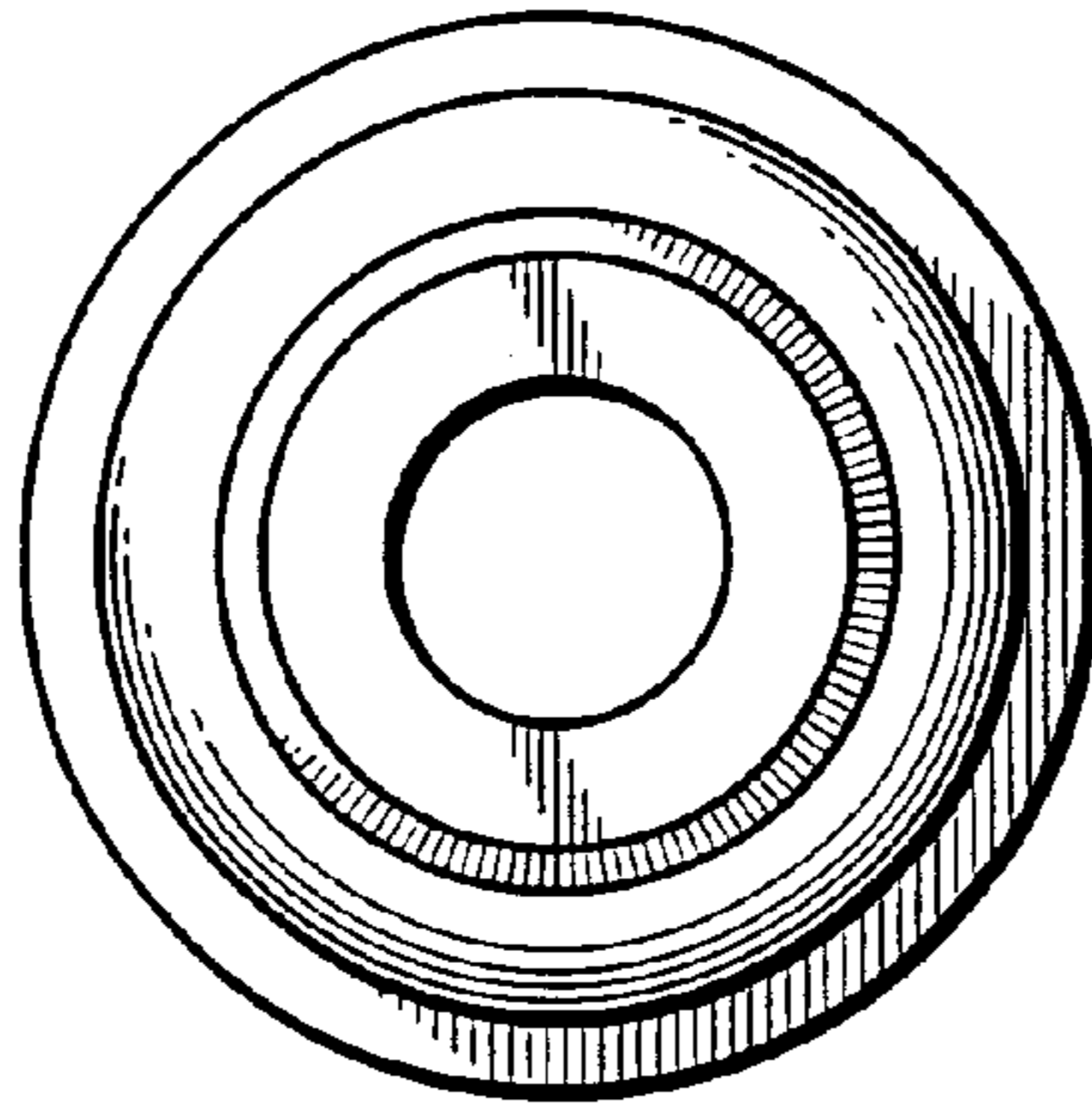


FIG. 13

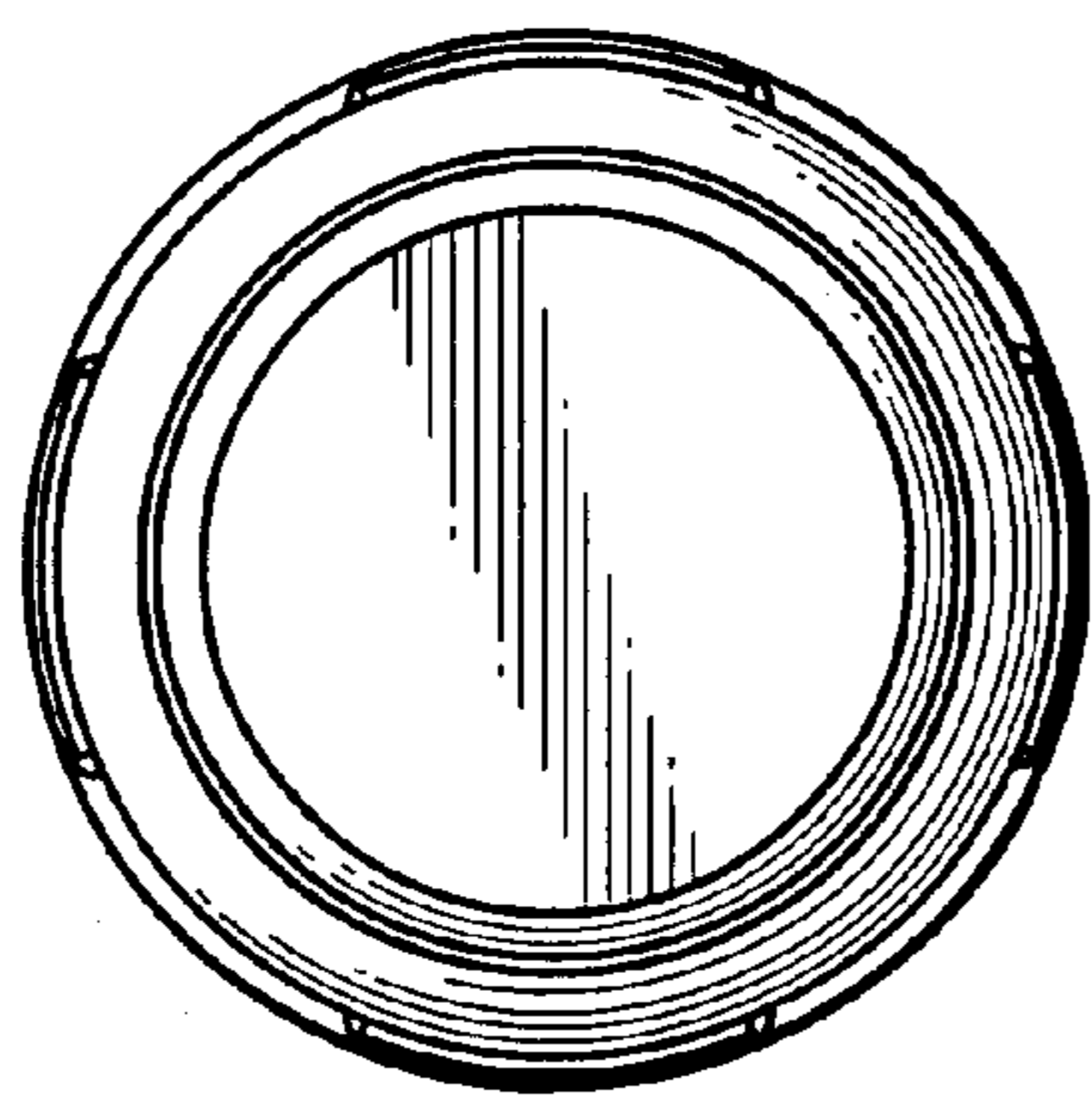


FIG. 14