



US00D430666S

# United States Patent [19]

Cseke et al.

[11] Patent Number: Des. 430,666

[45] Date of Patent: \*\* Sep. 5, 2000

[54] **CARTRIDGE FOR PHARMACEUTICAL PREPARATIONS**

5,851,197 12/1998 Marano et al. .  
5,865,795 2/1999 Schiff et al. .

[75] Inventors: **Rudolf Cseke**, Sollentuna; **Birger Hjertman**, Vällingby; **Bohdan Pavlu**, Nacka; **Gunnar Pettersson**, Åkersberga; **Magnus Westermarck**, Sollentuna, all of Sweden; **Daniel Felder**, Burgdorf, Switzerland; **Guido Hertig**, Fraubrunnen, Switzerland; **Rainer Bosse**, Kirchberg, Switzerland

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*Attorney, Agent, or Firm*—Young & Thompson

[73] Assignee: **Pharmacia & Upjohn AB**, Stockholm, Sweden

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

[21] Appl. No.: **29/117,158**

[22] Filed: **Jan. 19, 2000**

[57] **CLAIM**

The ornamental design for a cartridge for pharmaceutical preparations, as shown and described.

**Related U.S. Application Data**

[62] Division of application No. 29/076,050, Sep. 5, 1997.

[30] **Foreign Application Priority Data**

Mar. 7, 1997 [SE] Sweden ..... 97-0561

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

[52] **U.S. Cl.** ..... **D24/130; D24/114**

[58] **Field of Search** ..... D24/114, 112, D24/113, 130; 604/121, 131, 135, 134, 157, 187, 151

**DESCRIPTION**

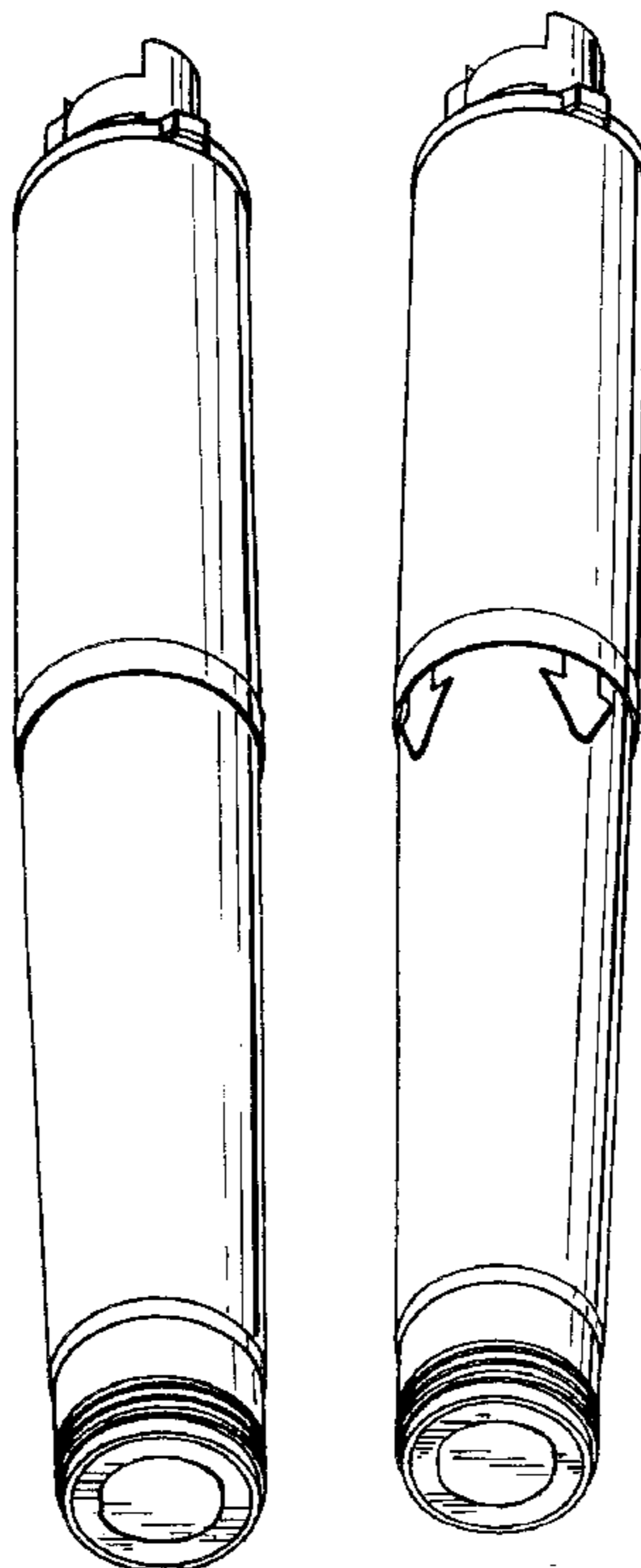
FIG. 1 is a top perspective view of a cartridge for pharmaceutical preparations, showing our new design;  
FIG. 2 is a bottom perspective view thereof;  
FIG. 3 is a side perspective view thereof;  
FIG. 4 is a right side elevational view thereof;  
FIG. 5 is a front side elevational view thereof;  
FIG. 6 is a left side elevational view thereof;  
FIG. 7 is a rear elevational view thereof; and  
FIG. 8 is a top perspective view of a second embodiment of a cartridge for pharmaceutical preparations showing our new design;  
FIG. 9 is a bottom perspective view thereof;  
FIG. 10 is a side perspective view thereof  
FIG. 11 is a right side elevational view thereof;  
FIG. 12 is a front elevational view thereof;  
FIG. 13 is a left side elevational view thereof; and,  
FIG. 14 is a rear elevational view thereof.

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

5,823,998 10/1998 Yamagata .

**1 Claim, 4 Drawing Sheets**



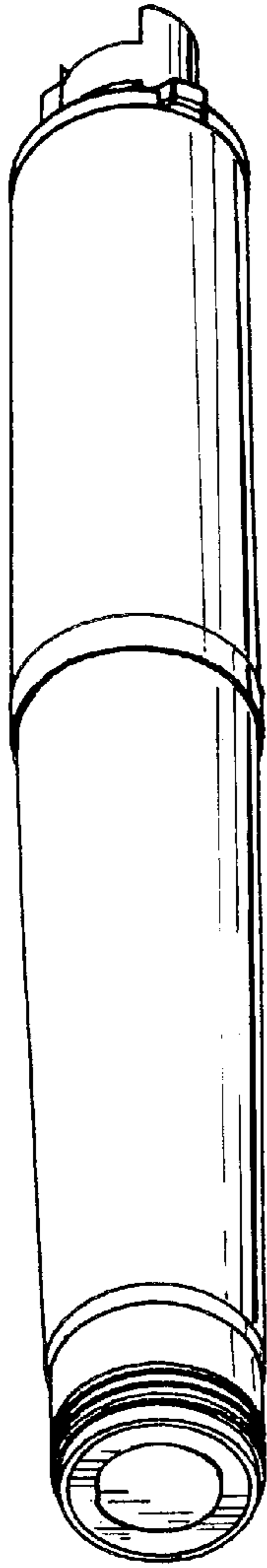


FIG. 2

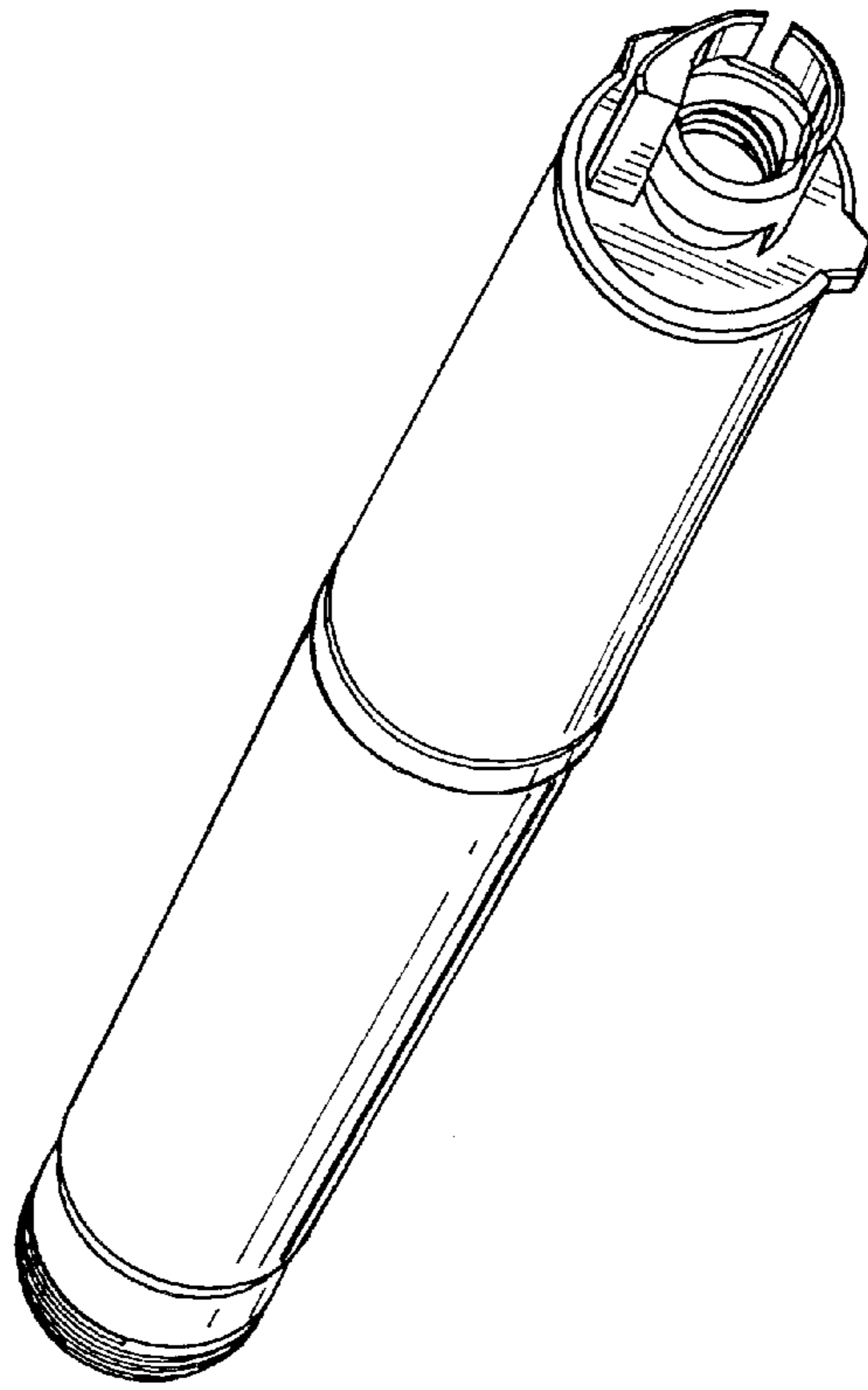


FIG. 1

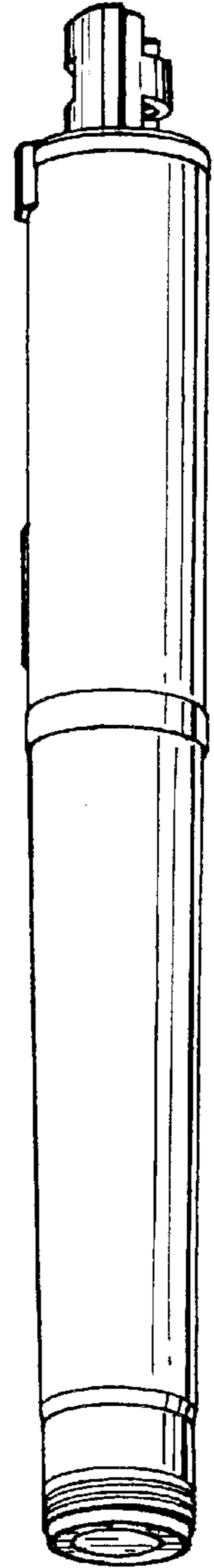


FIG. 3

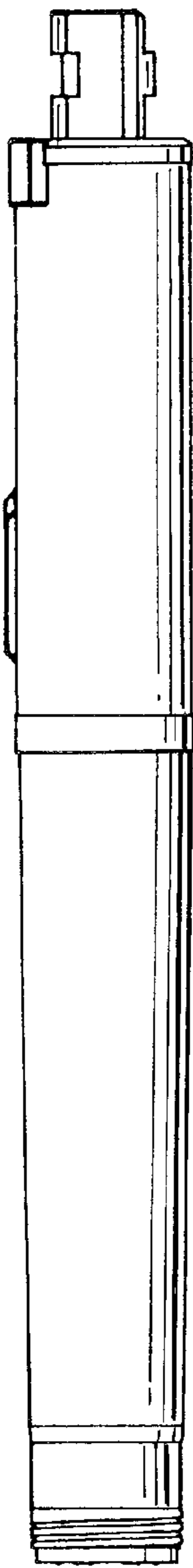


FIG. 4

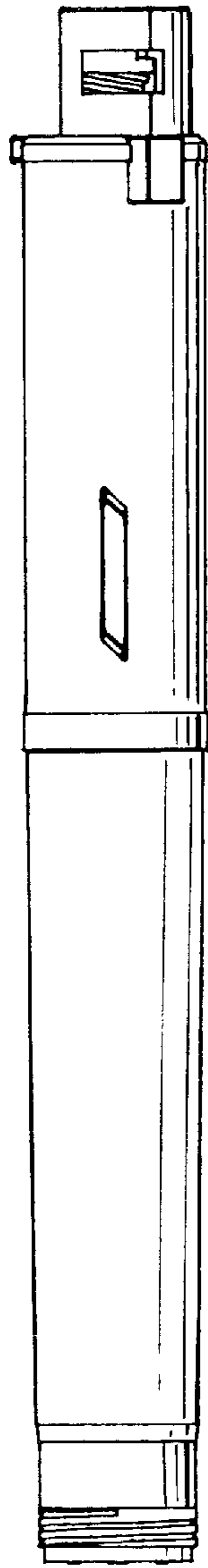


FIG. 5

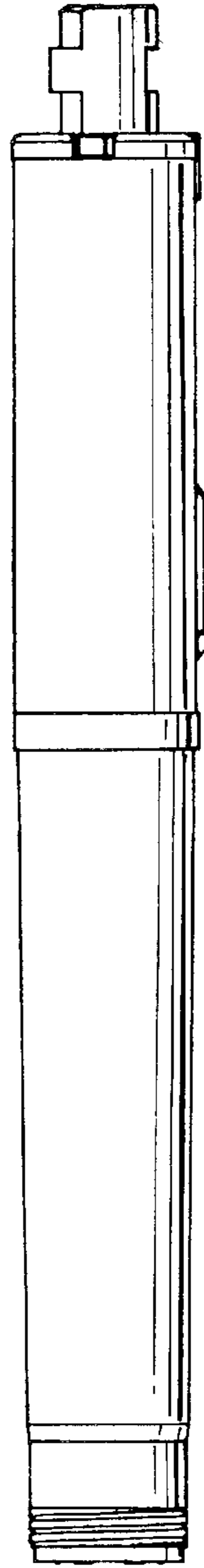


FIG. 6

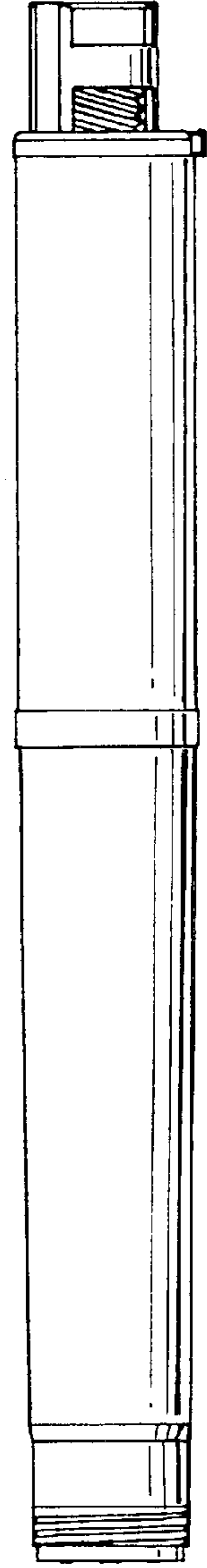


FIG. 7

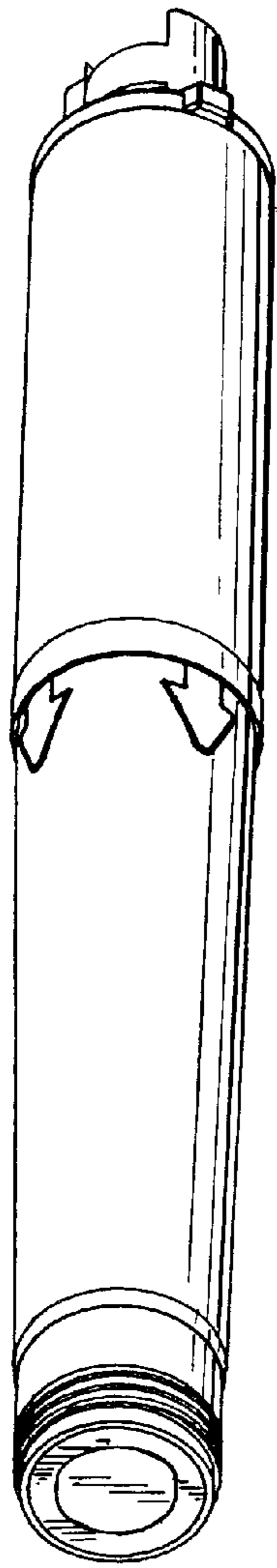


FIG. 9

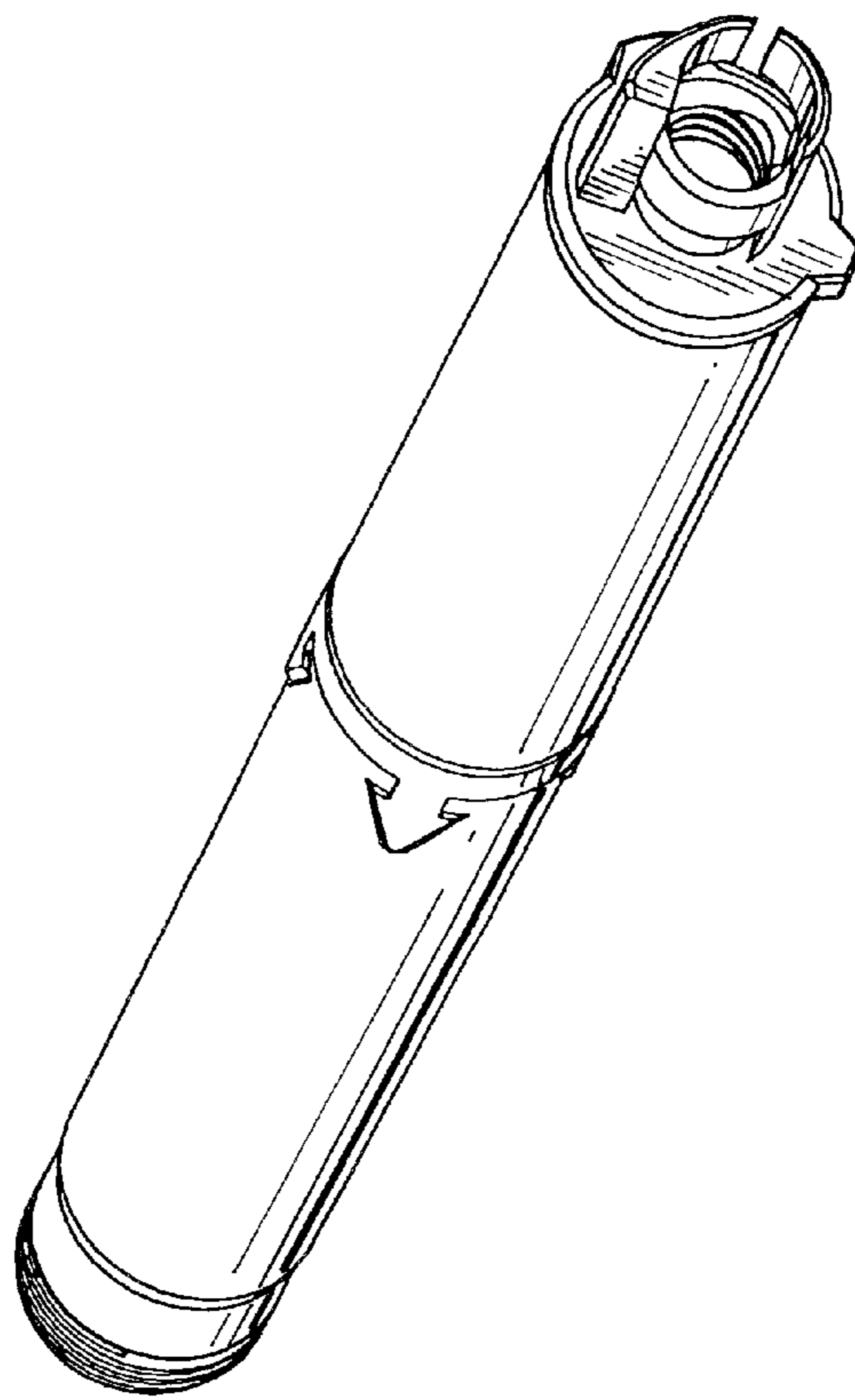


FIG. 8

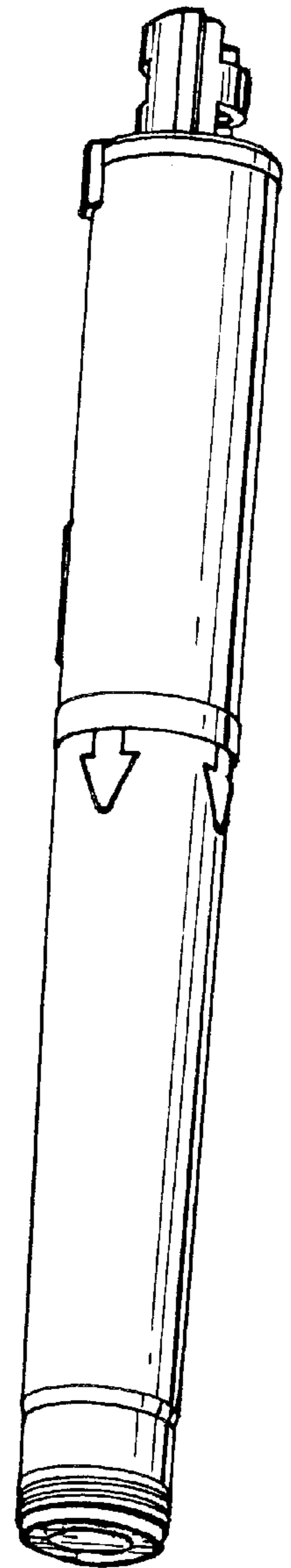


FIG. 10

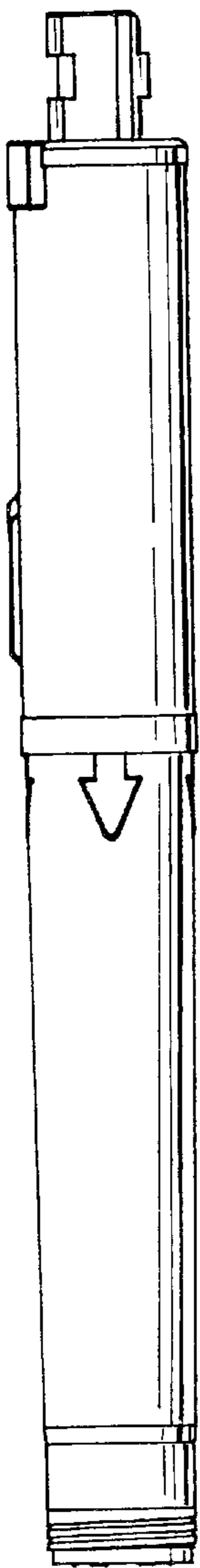


FIG. 11

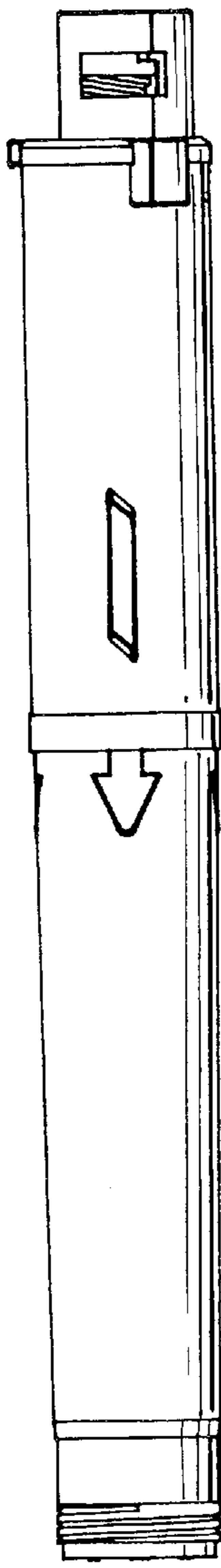


FIG. 12

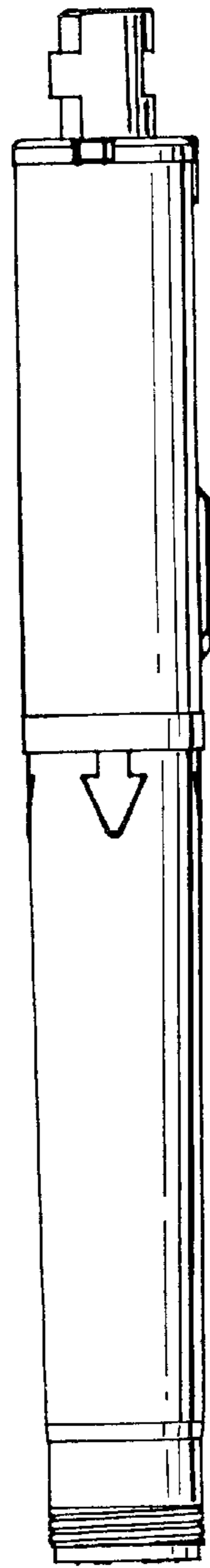


FIG. 13

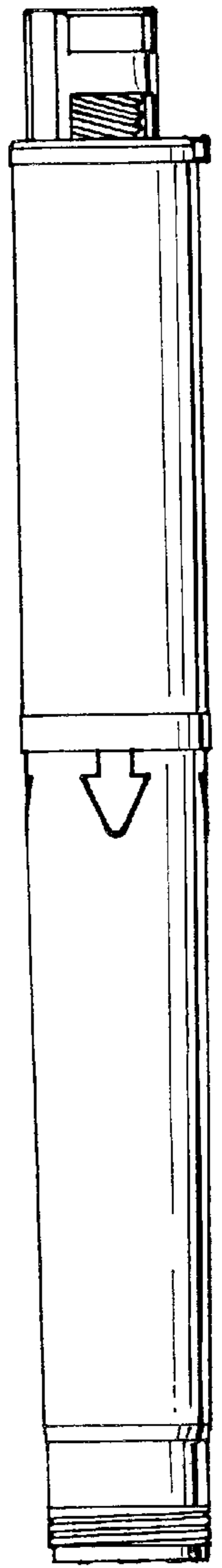


FIG. 14