

US00D492027S1

(12) **United States Design Patent** (10) **Patent No.:** **US D492,027 S**
Tyce et al. (45) **Date of Patent:** **** Jun. 22, 2004**

(54) **PEN-TYPE INJECTOR**

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(73) Assignee: **DCA Design International Limited**,
Warwick (GB)

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

(21) Appl. No.: **29/180,289**

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

(30) **Foreign Application Priority Data**

Nov. 9, 2002 (GB) 3 008 499

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

(52) **U.S. Cl.** **D24/114; D19/43; D24/112;**
D24/113

(58) **Field of Search** D24/114, 113,
D24/112, 146; D19/43, 51, 55, 57; 604/211,
209, 218, 207, 208, 506, 65, 185, 198,
132, 136, 135, 137, 134

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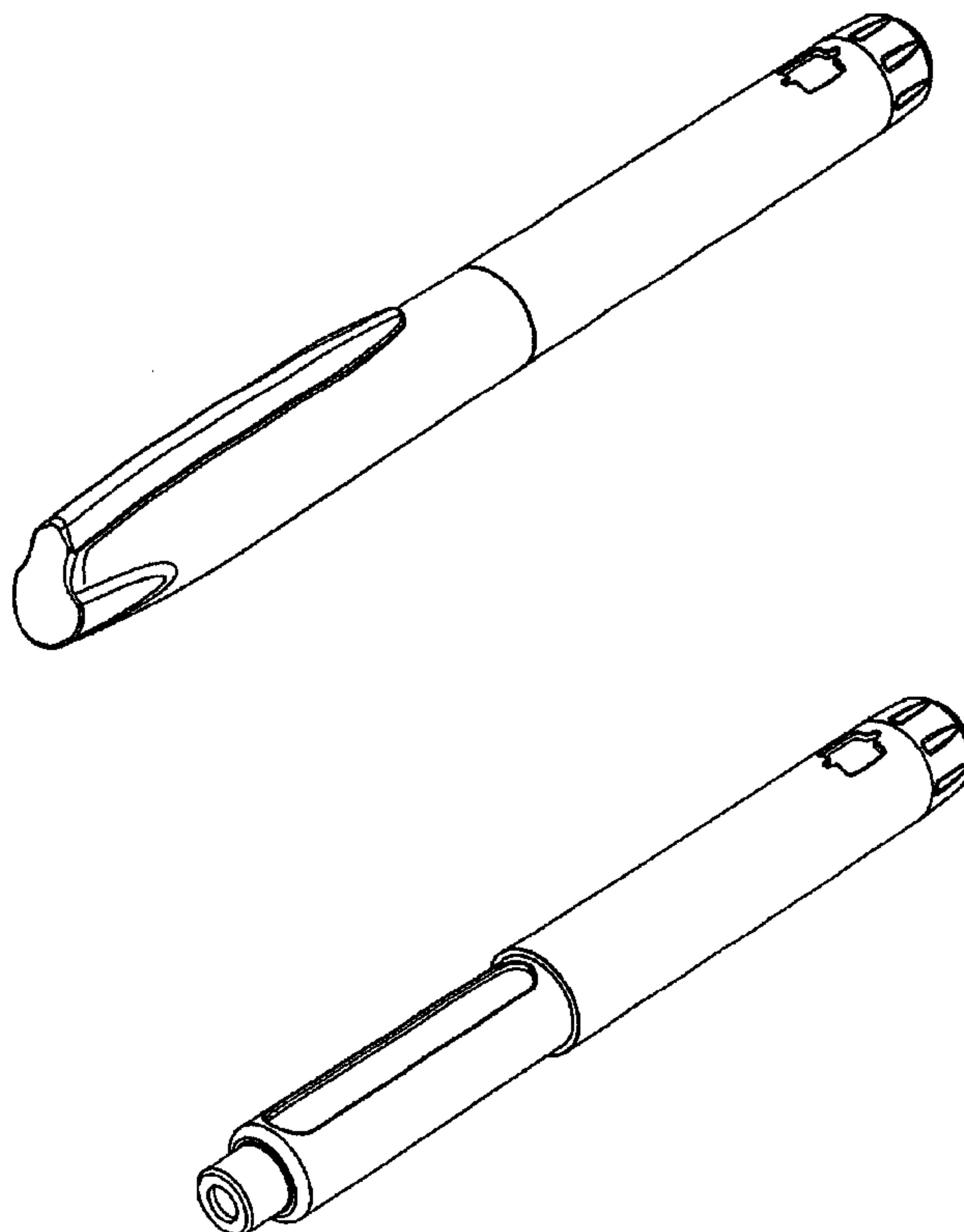
(57) **CLAIM**

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

DESCRIPTION

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.

1 Claim, 12 Drawing Sheets



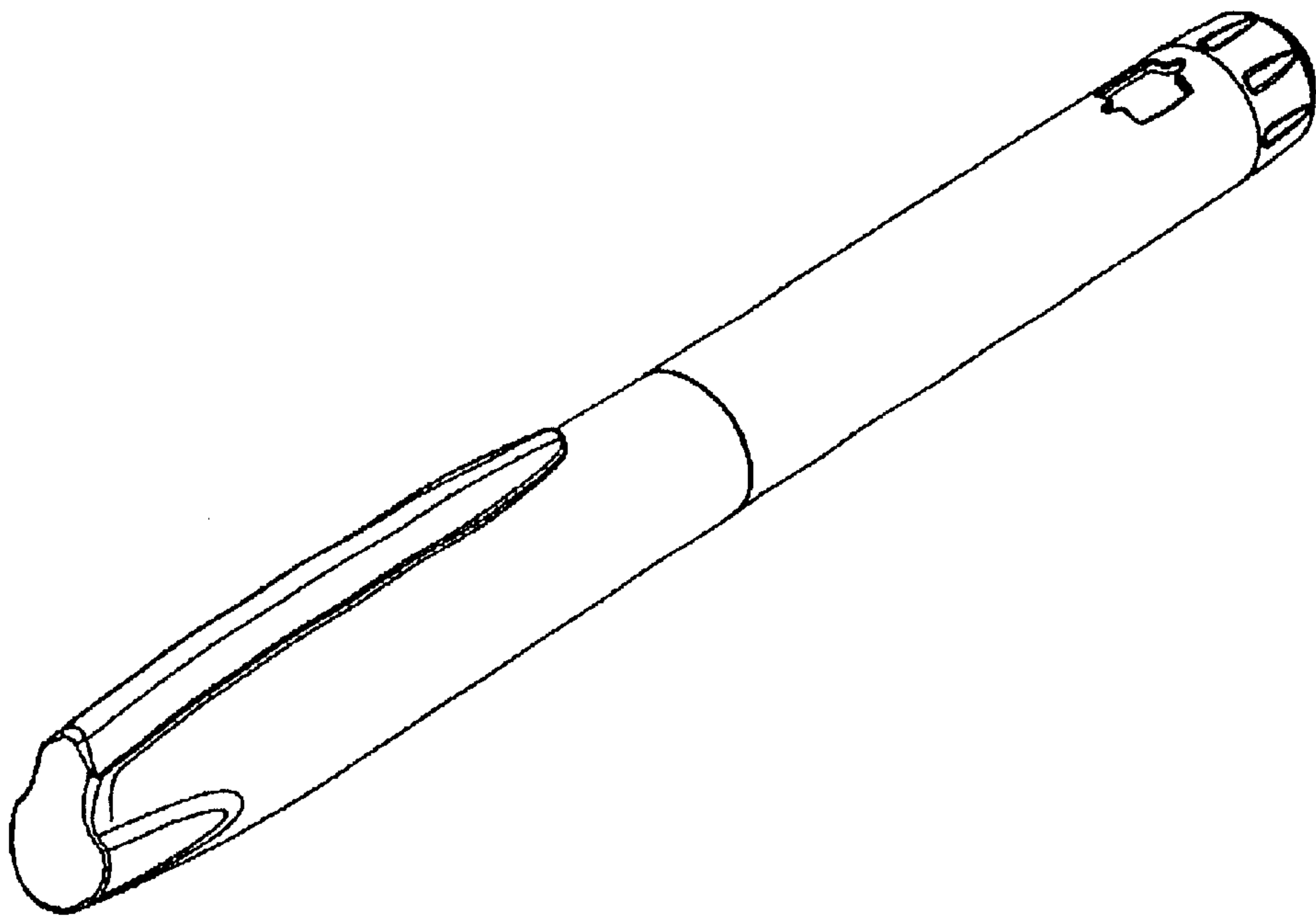


Fig. 1

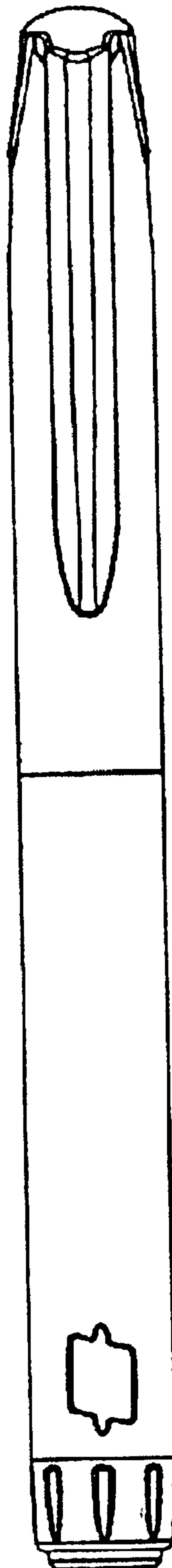


Fig. 2

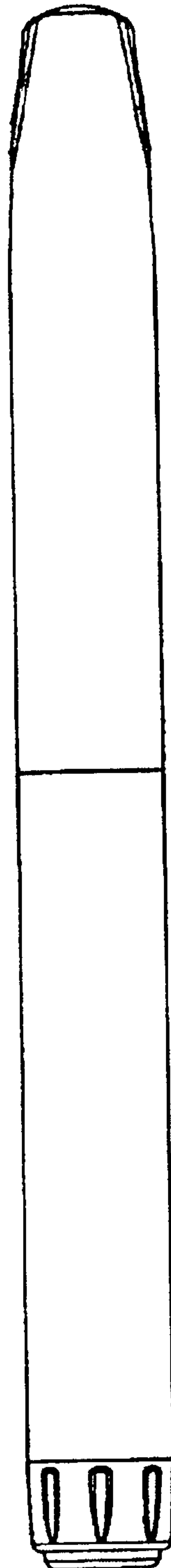


Fig. 3

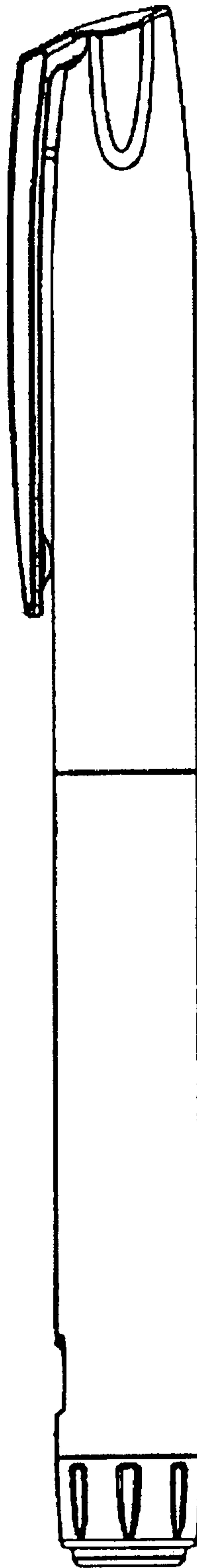


Fig. 4

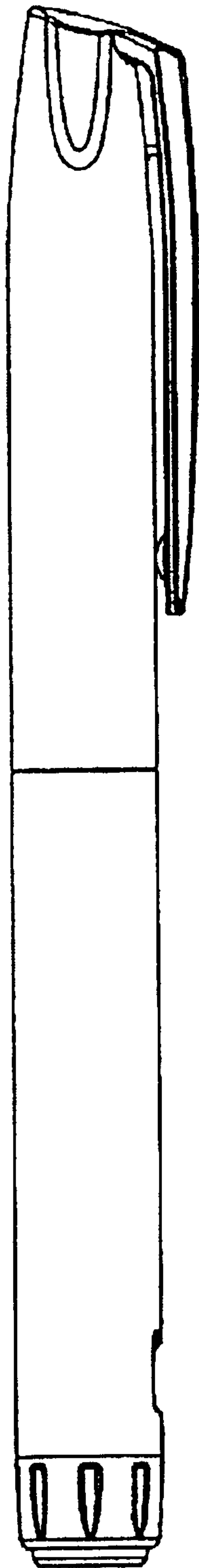


Fig. 5

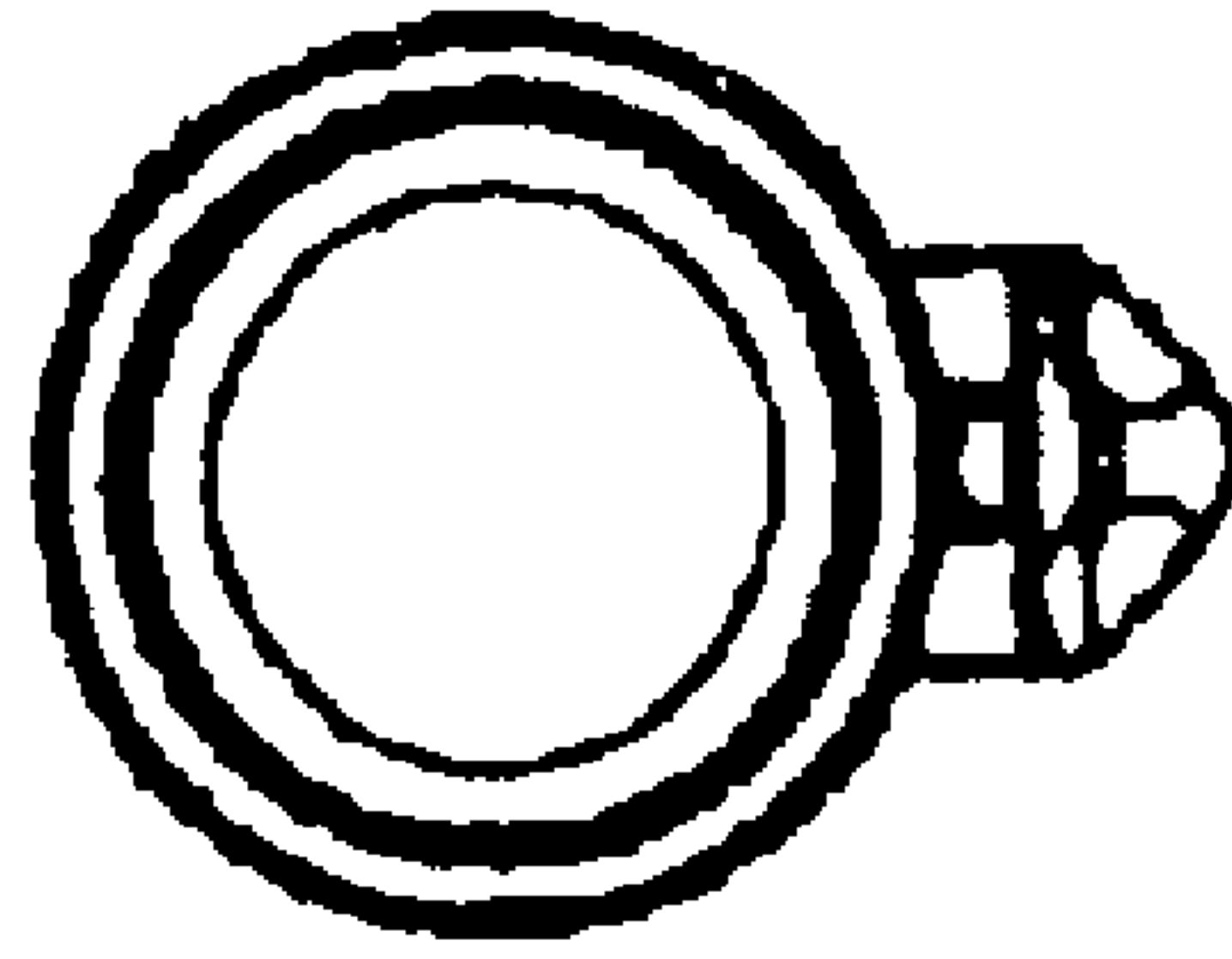


Fig. 6

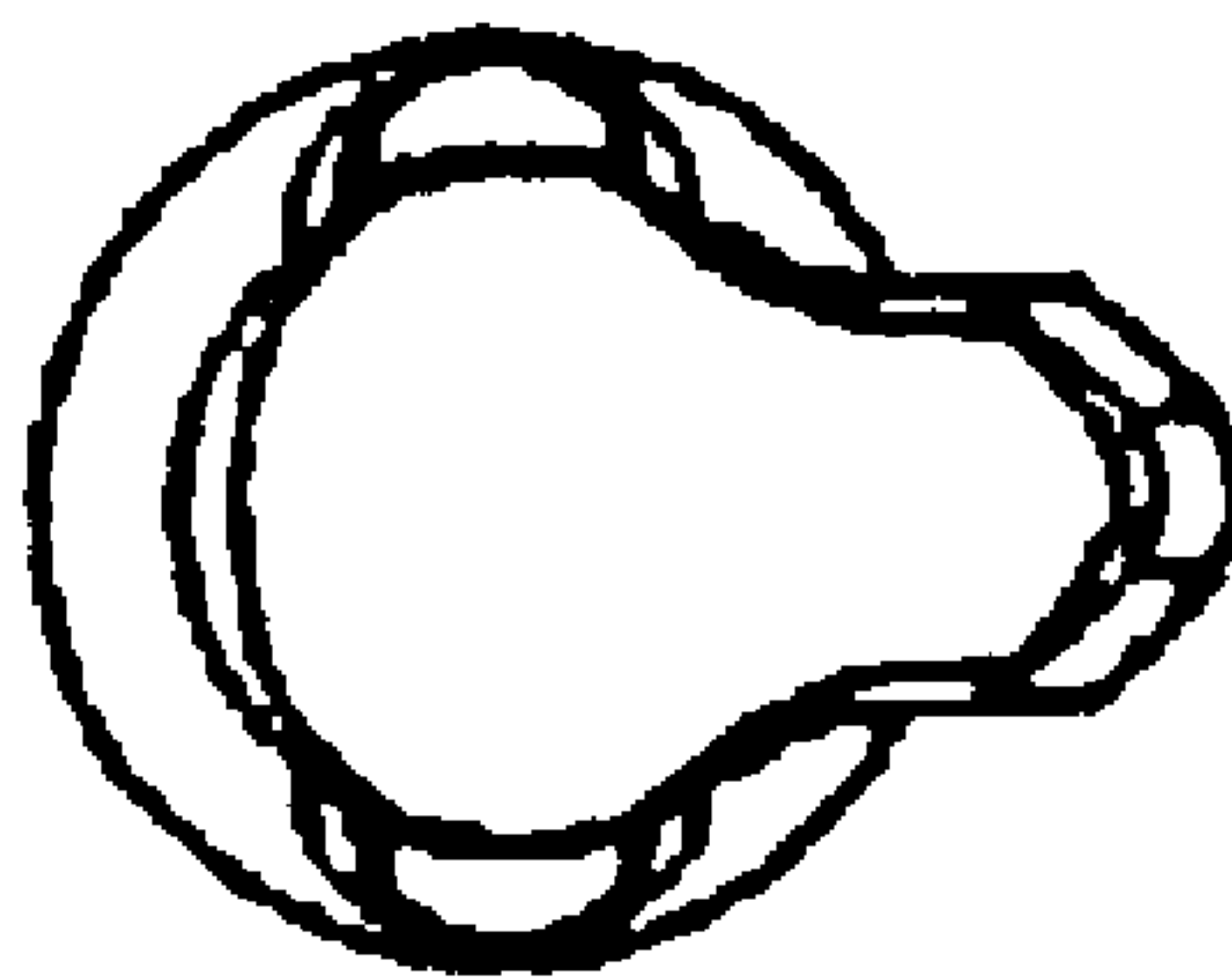


Fig. 7

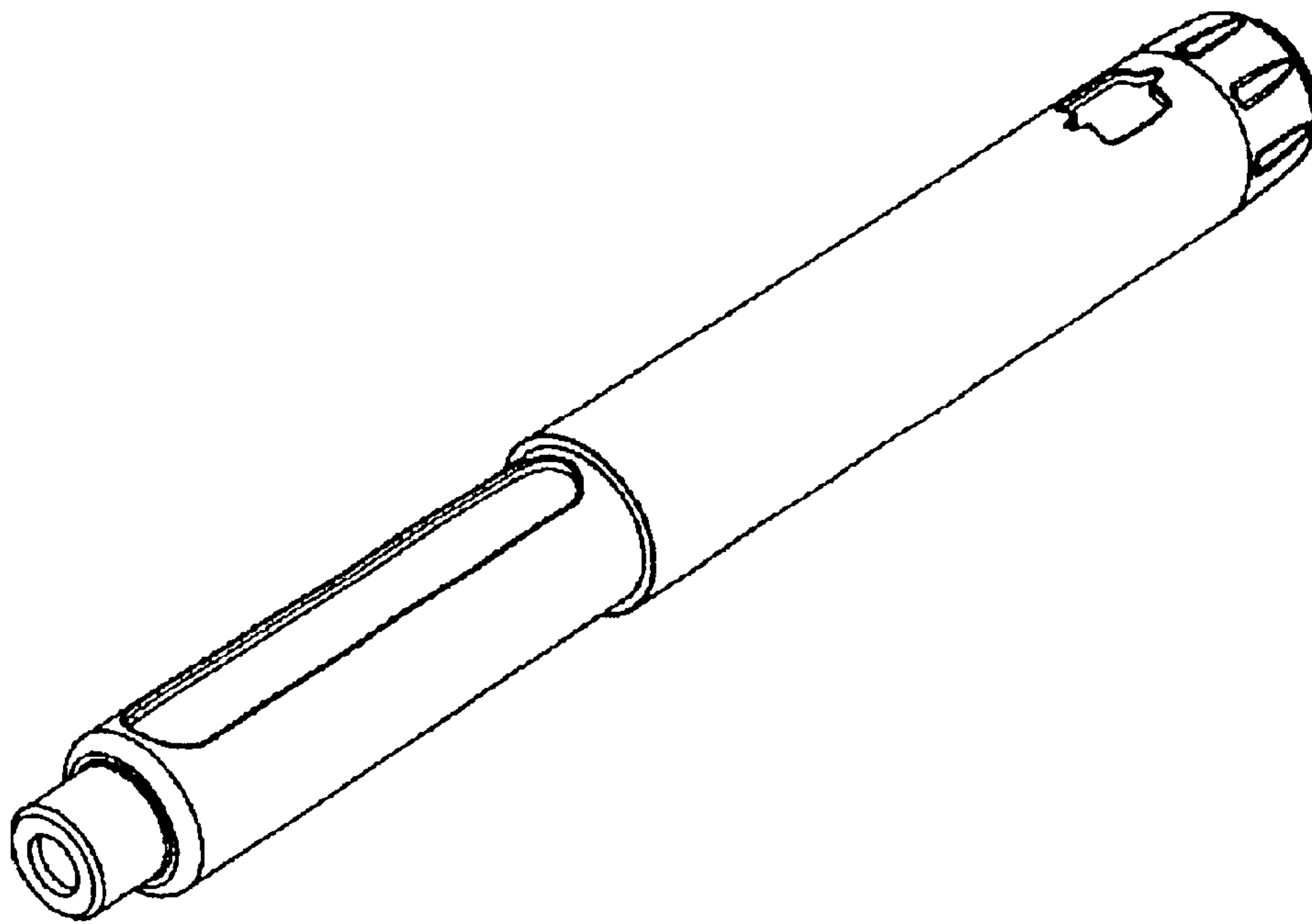


Fig. 8

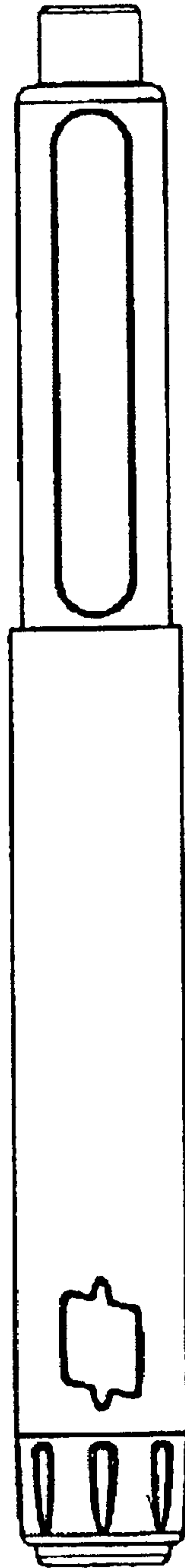


Fig. 9

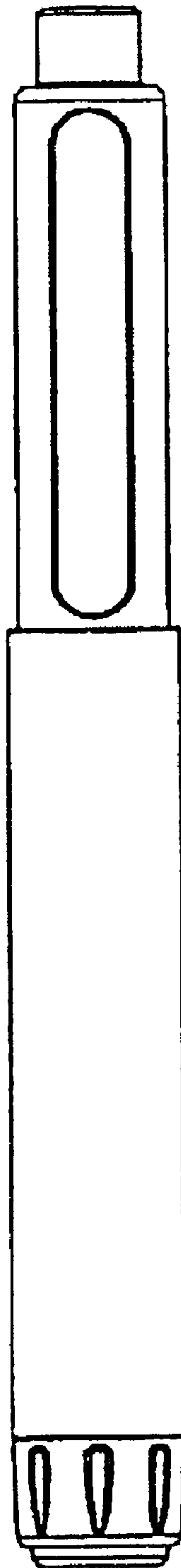


Fig. 10

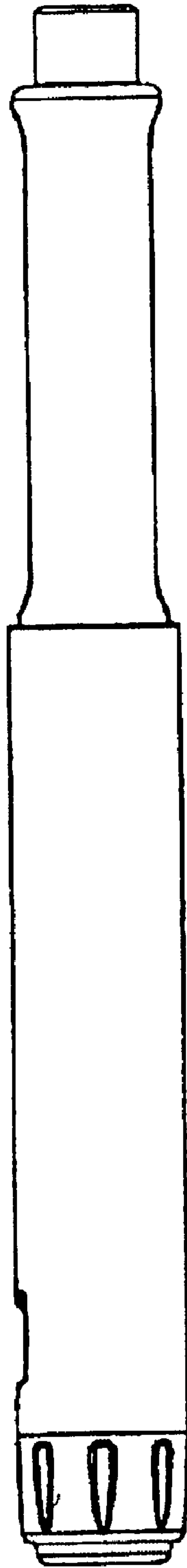


Fig. 11

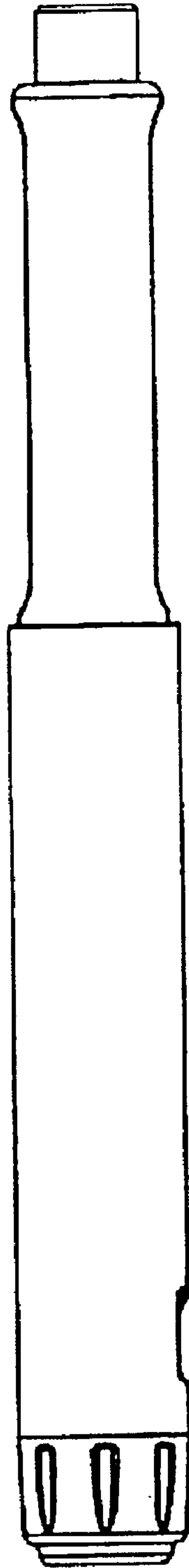


Fig. 12

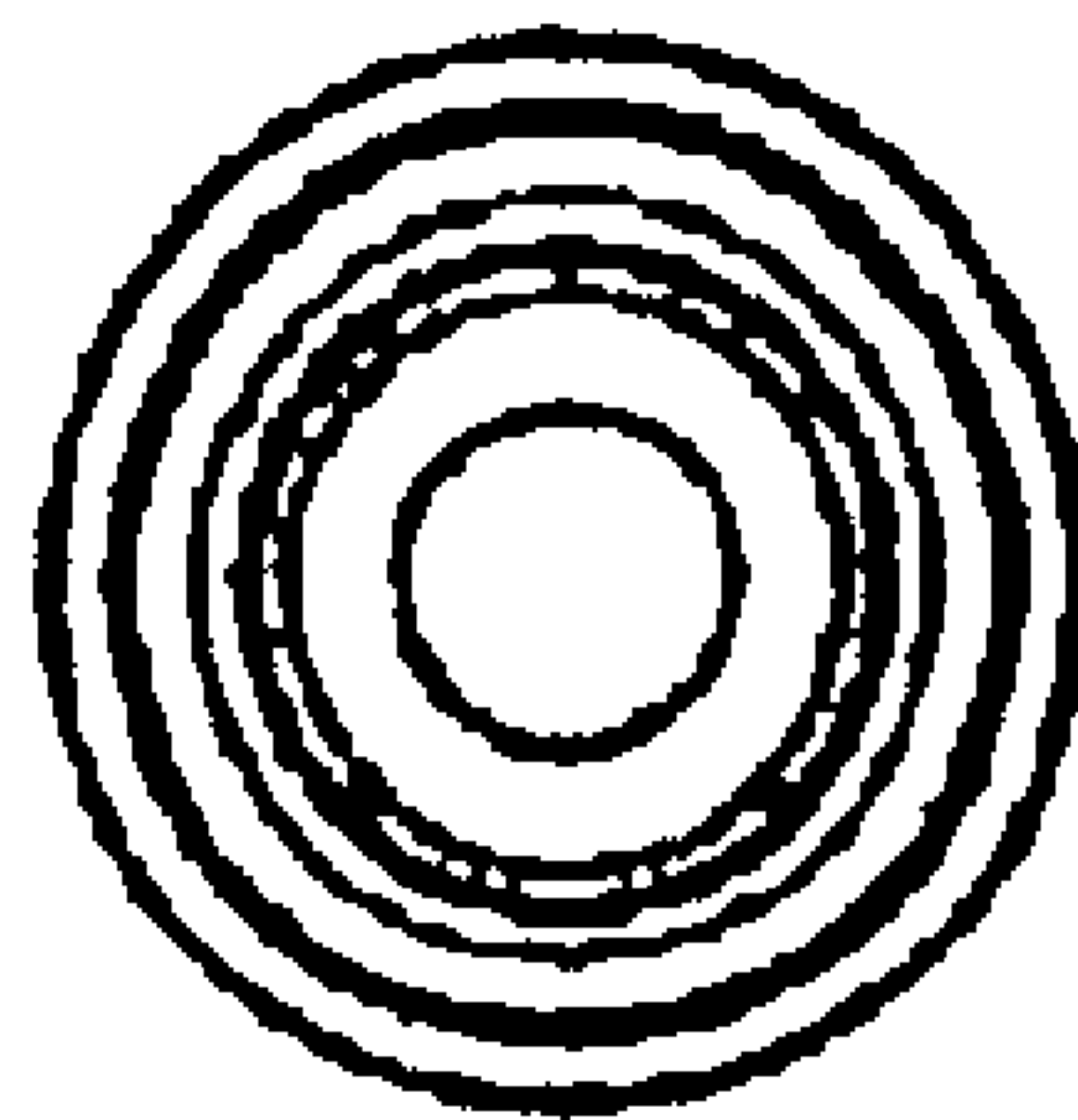


Fig. 13

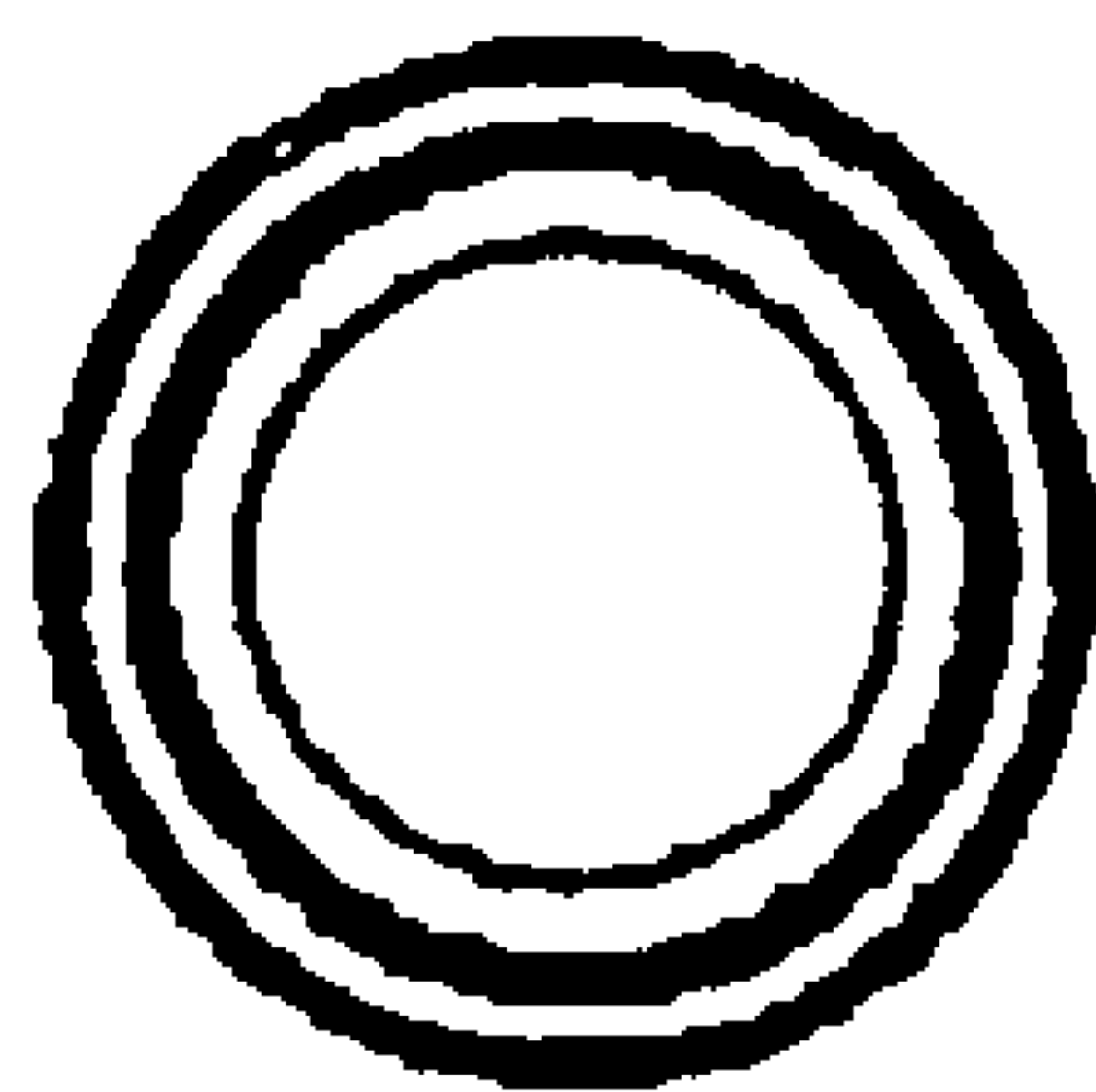


Fig. 14