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

(10) **Patent No.:** **US D538,428 S**
(45) **Date of Patent:** **** Mar. 13, 2007**

(54) **HAEMORRHOID LIGATURE INSTRUMENT**

(75) Inventor: **Erik Andreen**, Göteborg (SE)

(73) Assignee: **Astra Tech AB**, Molndal (SE)

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

(21) Appl. No.: **29/208,539**

(22) Filed: **Jul. 1, 2004**

(30) **Foreign Application Priority Data**

Jan. 20, 2004 (EM) 000129986

(51) **LOC (8) Cl.** **24-02**

(52) **U.S. Cl.** **D24/141**

(58) **Field of Classification Search** D24/141,
D24/112, 108-111, 144, 146, 138, 133, 135,
D24/140, 130; 606/139, 140

See application file for complete search history.

(56) **References Cited**

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OTHER PUBLICATIONS

“KilRoid™ Disposable haemorrhoid suction ligator”, product brochure by Astra Tech, a company in the Astra Zeneca Group (4 pages) (Feb. 2001).

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Primary Examiner—Ian Simmons

Assistant Examiner—Christopher Lee

(74) *Attorney, Agent, or Firm*—Birch, Stewart, Kolasch, & Birch, LLP

(57) **CLAIM**

The ornamental design for a haemorrhoid ligature instrument, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a haemorrhoid ligature instrument showing my new design;

FIG. 2 is a rear perspective view thereof;

FIG. 3 is a front elevational view thereof;

FIG. 4 is a rear elevational view thereof;

FIG. 5 is a right side elevational view thereof;

FIG. 6 is a top plan view thereof;

FIG. 7 is a bottom plan view thereof;

FIG. 8 is a left side elevational view thereof;

FIG. 9 is a perspective view of a ligature applicator showing my new design with the haemorrhoid instrument shown removed;

FIG. 10 is a right side elevational view thereof;

FIG. 11 is a top plan view thereof

FIG. 12 is a left side elevational view thereof;

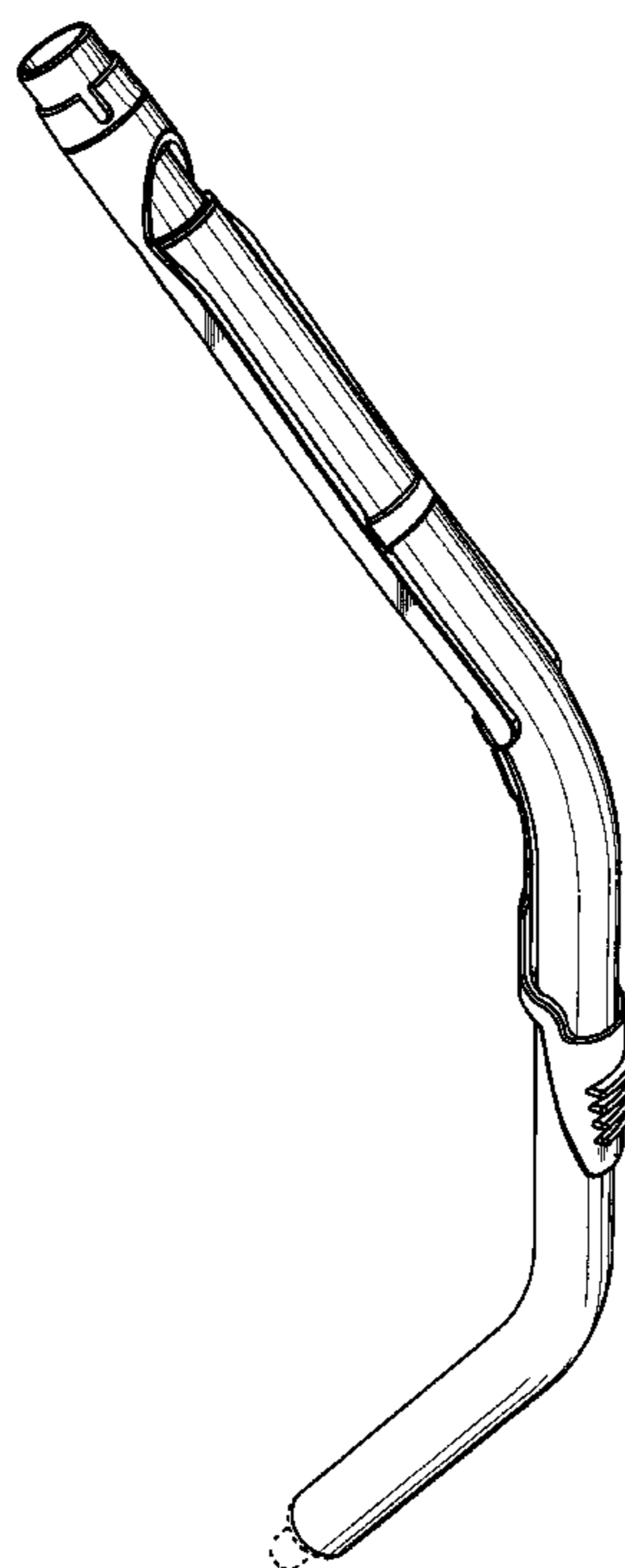
FIG. 13 is a bottom plan view thereof;

FIG. 14 is a front plan view thereof; and,

FIG. 15 is a rear elevational view thereof.

The portions in FIGS. 1-8 that are in broken lines are not a part of the claimed invention.

1 Claim, 7 Drawing Sheets



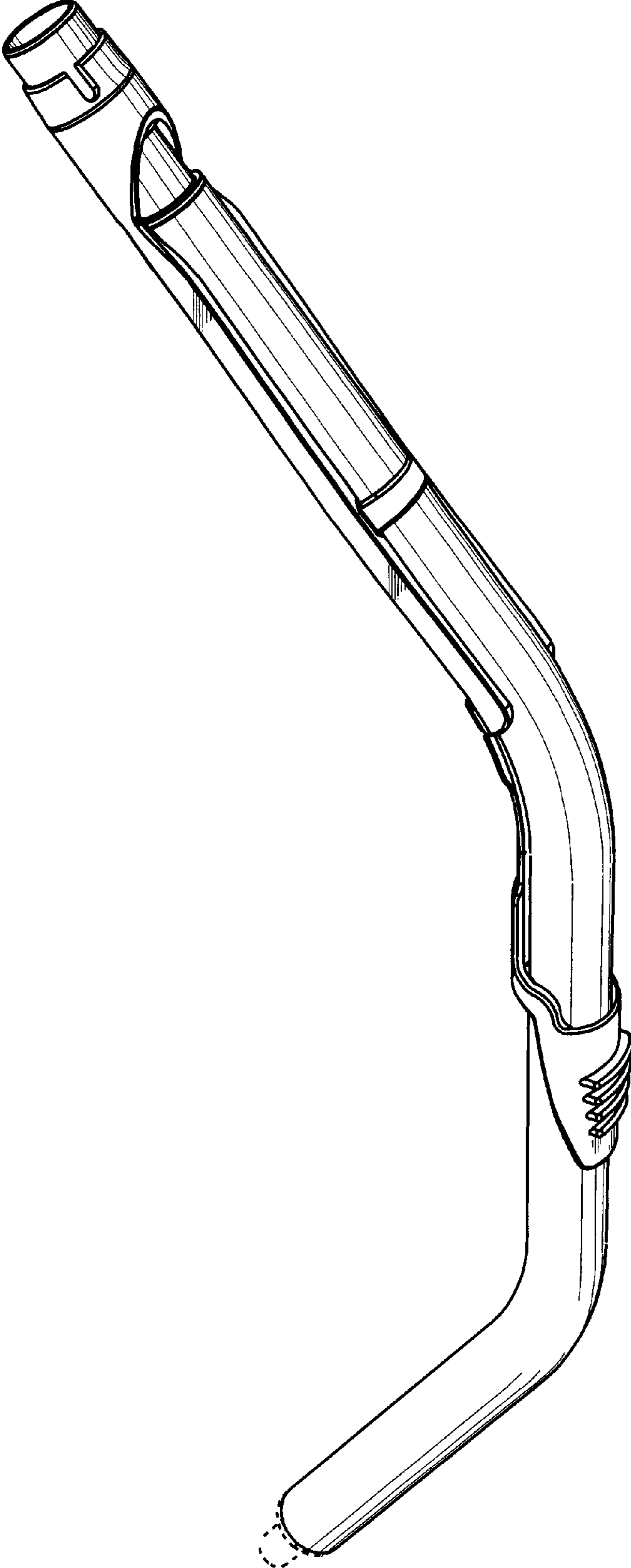


Fig. 1

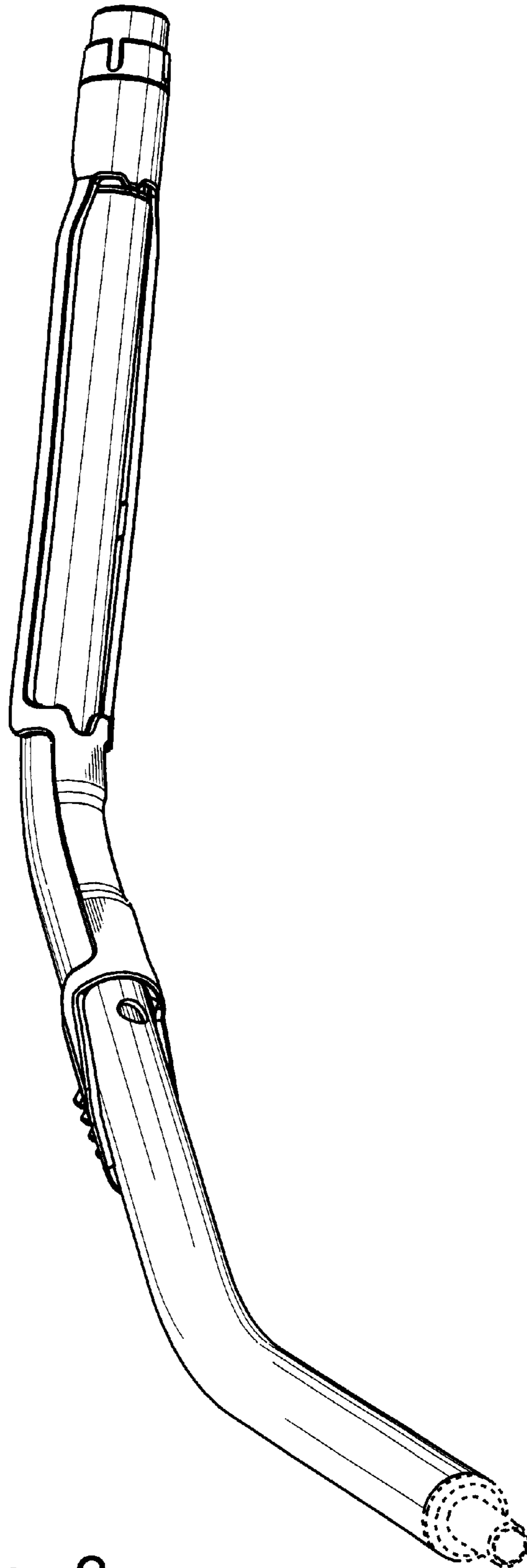


Fig. 2

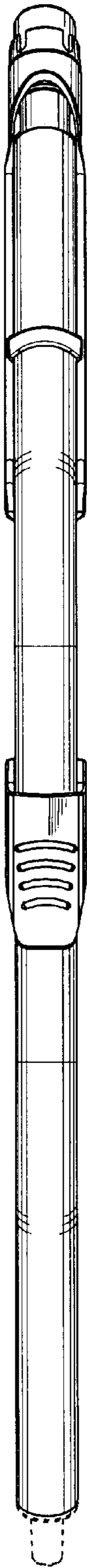


Fig. 3



Fig. 4

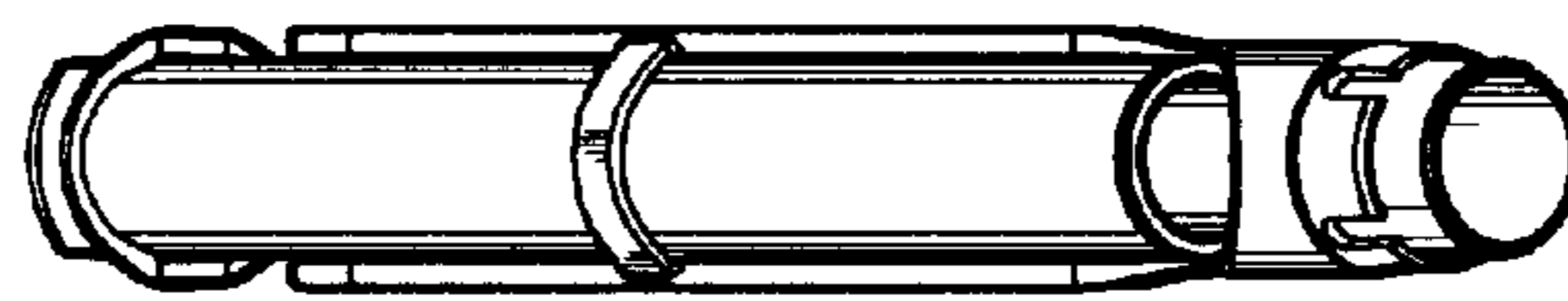
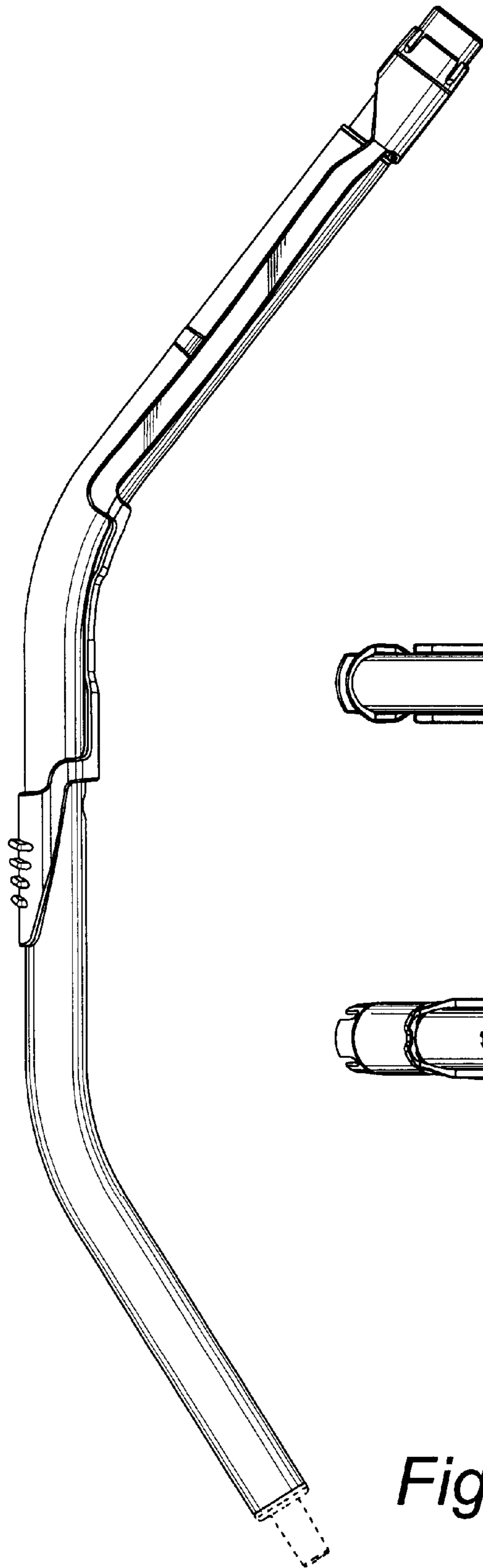


Fig. 6

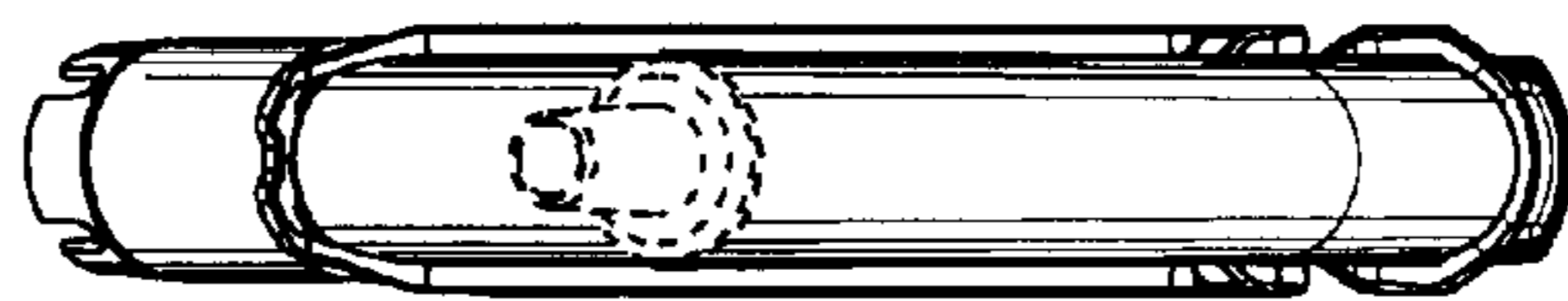


Fig. 7

Fig. 5

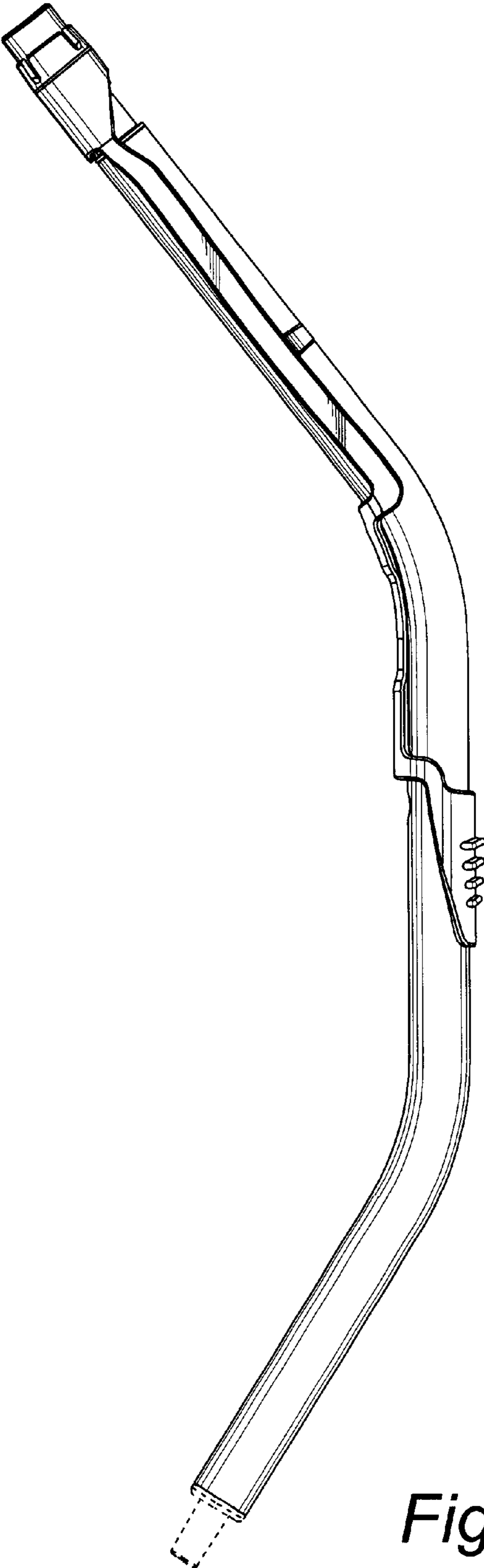


Fig. 8

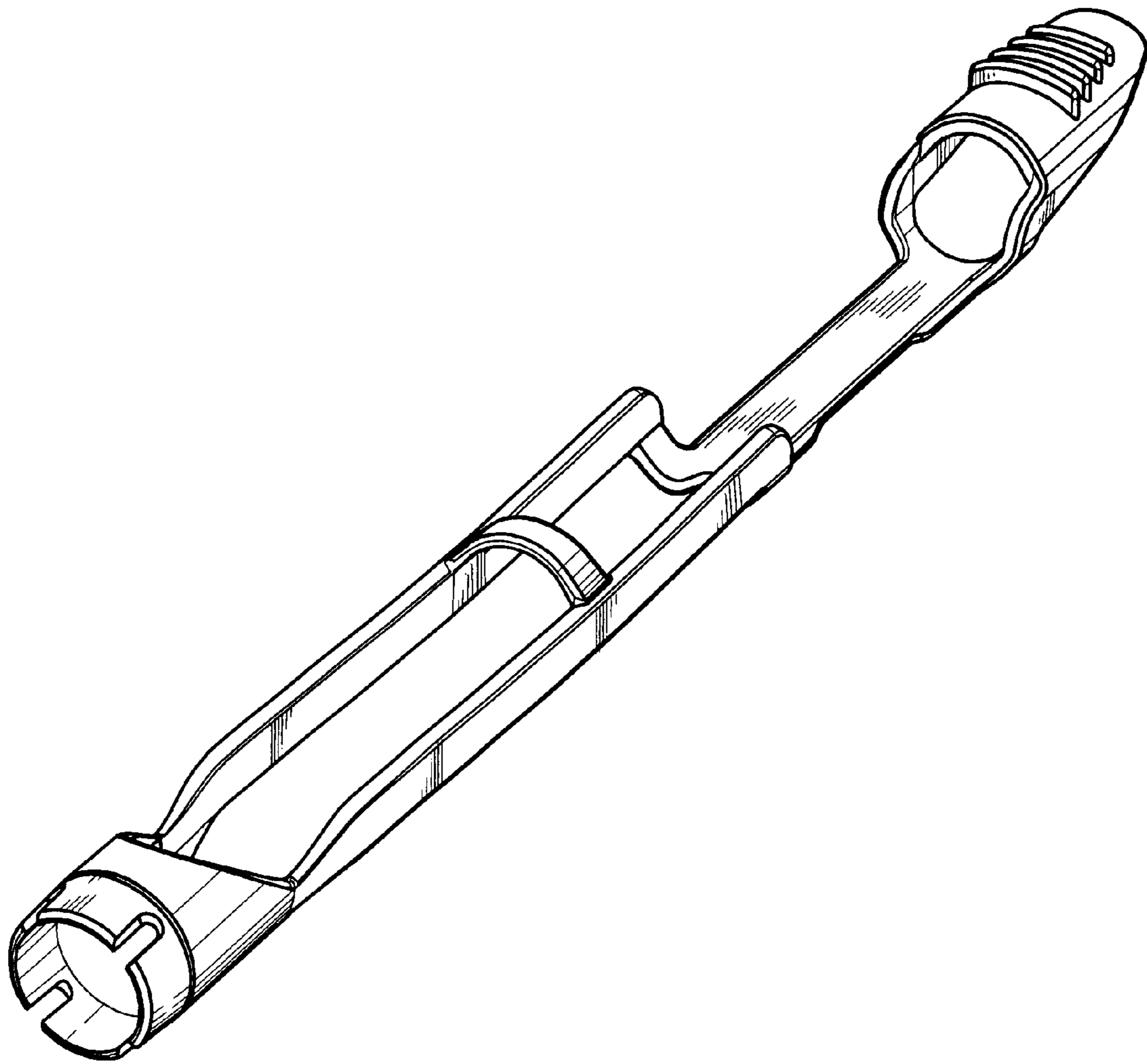


Fig. 9

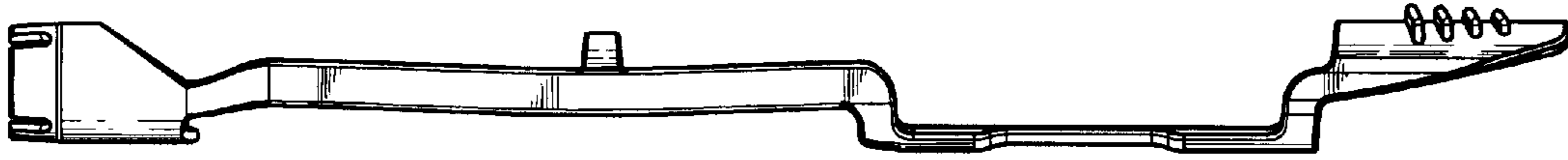


Fig. 10

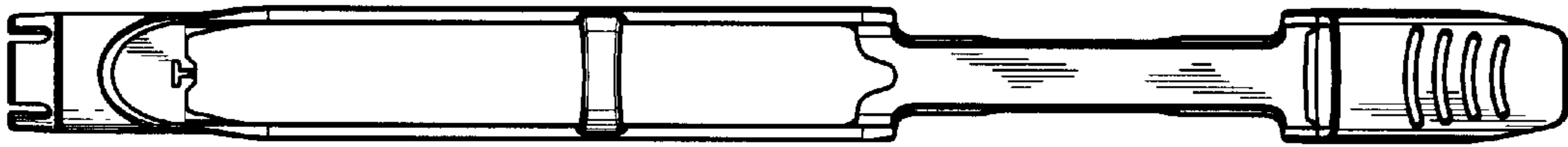


Fig. 11

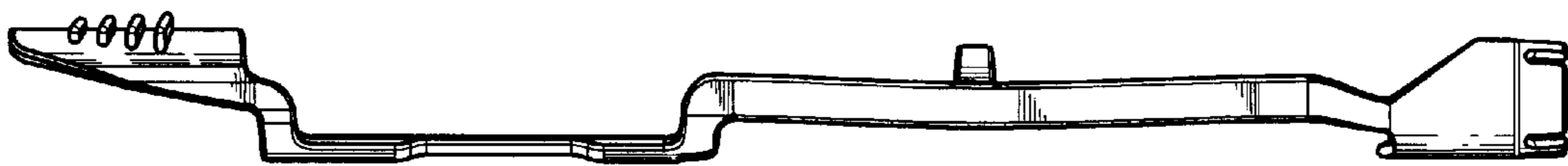


Fig. 12

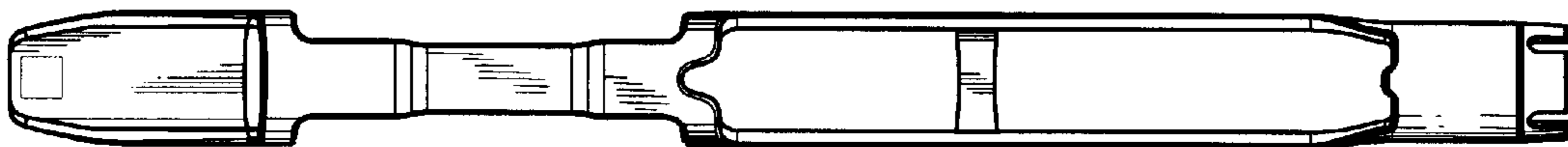


Fig. 13

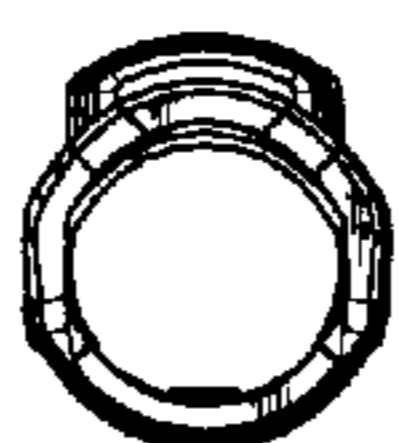


Fig. 14

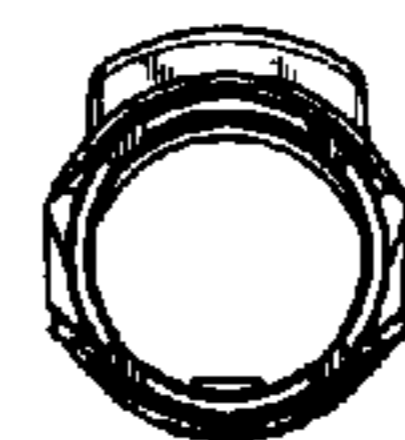


Fig. 15