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(12) **United States Design Patent**
Lautemann et al.

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(54) **ARTHROSCOPIC MEDICAL INSTRUMENT**

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(*) Notice: This patent is subject to a terminal disclaimer.

(**) Term: **15 Years**

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(30) **Foreign Application Priority Data**

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(51) **LOC (11) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/146**

(58) **Field of Classification Search**
USPC D24/133, 135, 144, 146-148; D8/19, 16;
600/564, 570
CPC .. G09F 3/00; A61B 8/00; A61B 19/00; A61B
18/18; A61B 17/3207; A61B 17/3205;
A61B 17/32; A61B 17/28; A61B 17/24;
A61B 17/22; A61B 17/16; A61B 17/14;
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,397,320 A * 3/1995 Essig A61B 17/221
606/110
5,667,480 A * 9/1997 Knight A61B 1/018
128/898
D391,370 S * 2/1998 Cho D24/147
(Continued)

OTHER PUBLICATIONS

U.S. Appl. No. 29/514,374, filed Jan. 12, 2015, Huegle et al.

(Continued)

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(57) **CLAIM**

The ornamental design for an arthroscopic medical instrument, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective enlarged partial view of an arthroscopic medical instrument according to the present invention.

FIG. 2 is a front enlarged partial view of the arthroscopic medical instrument of FIG. 1.

FIG. 3 is a rear enlarged partial view of the arthroscopic medical instrument of FIG. 1.

FIG. 4 is a left side enlarged partial view of the arthroscopic medical instrument of FIG. 1.

FIG. 5 is a right side enlarged partial view of the arthroscopic medical instrument of FIG. 1.

FIG. 6 is a top enlarged partial view of the arthroscopic medical instrument of FIG. 1.

FIG. 7 is a bottom enlarged partial view of the arthroscopic medical instrument of FIG. 1; and,

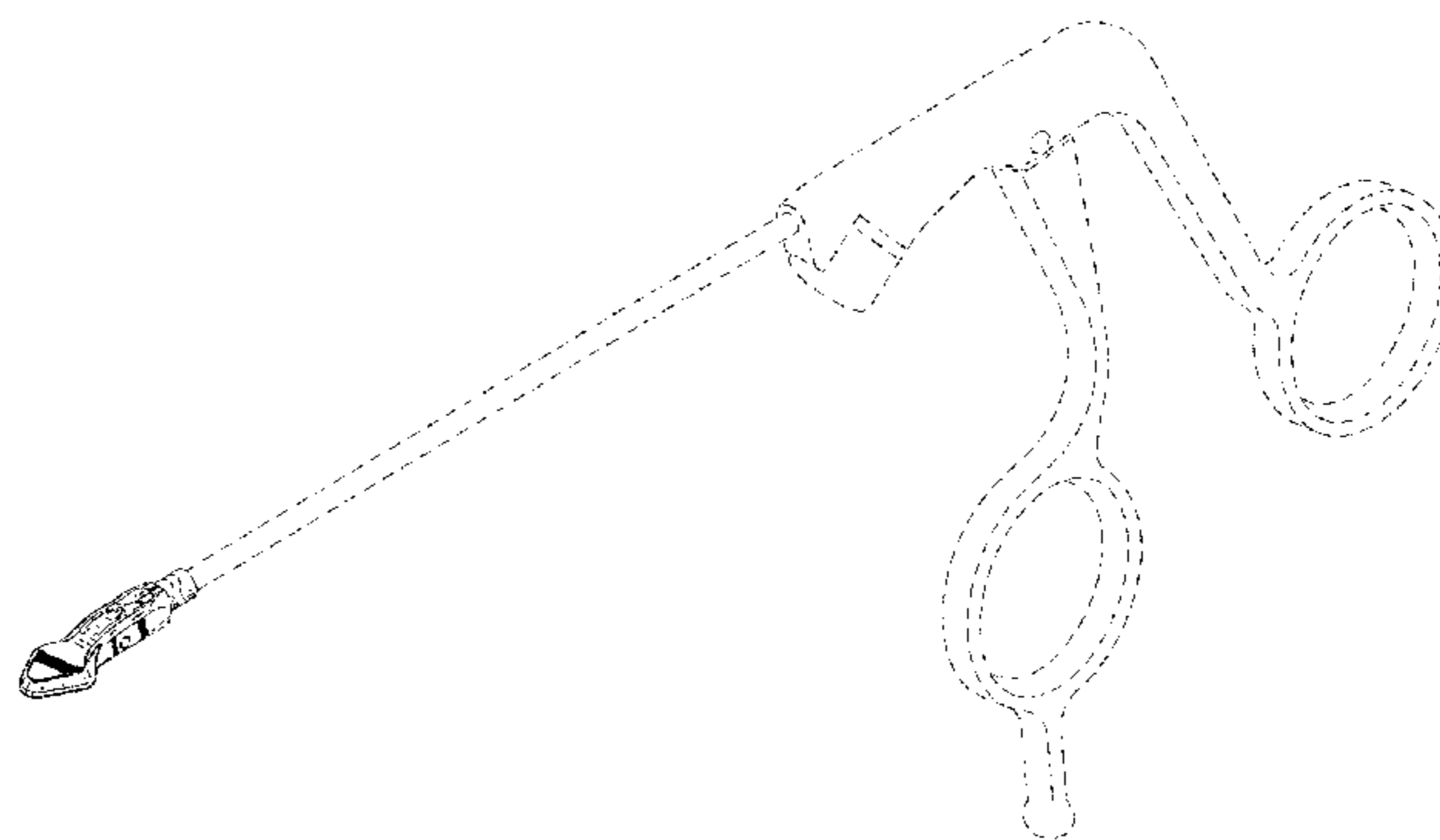
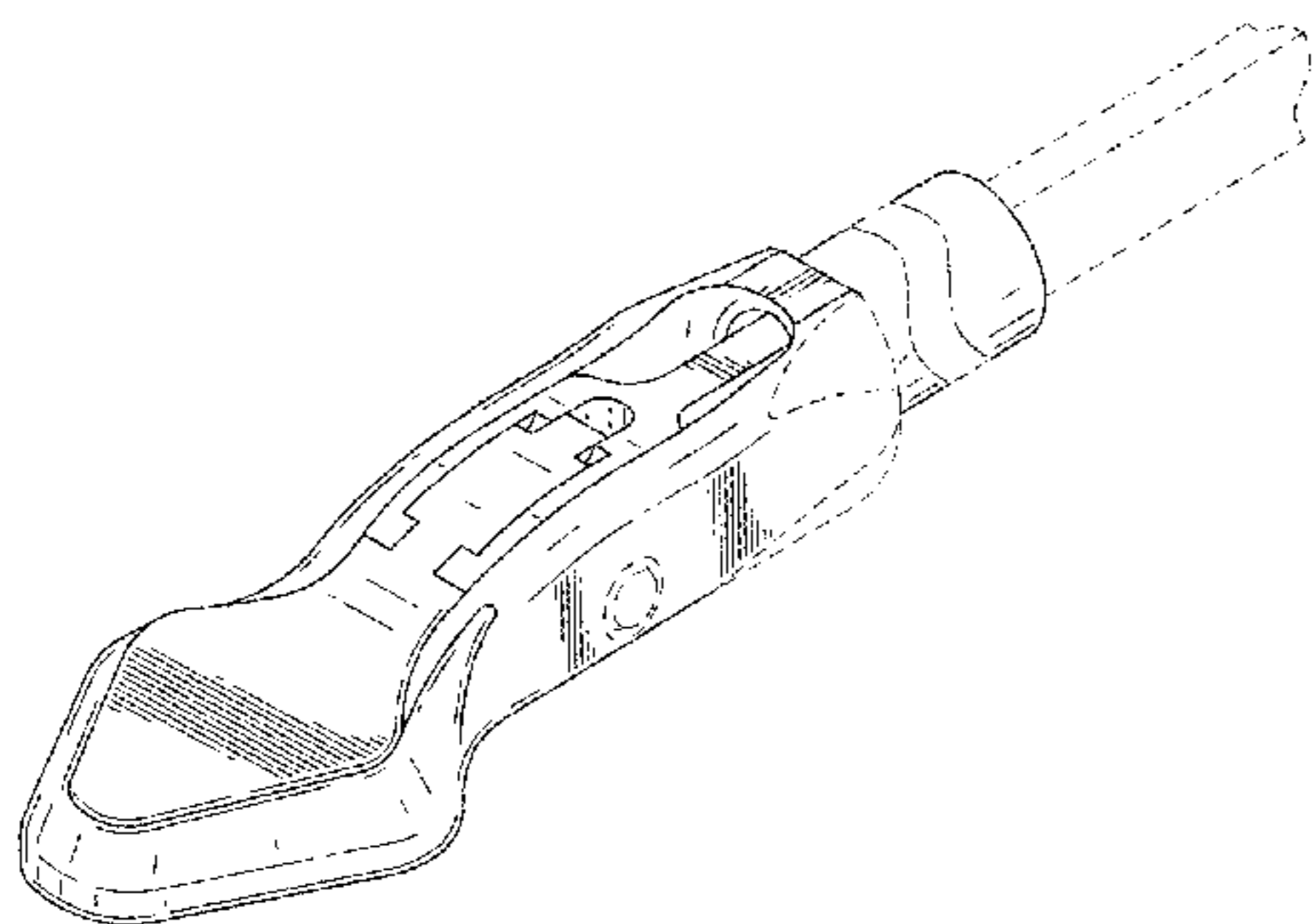
FIG. 8 is a front perspective view of the arthroscopic medical instrument.

The Arthroscopic Medical Instrument is shown with a symbolic break in its length.

The appearance of any portion of the article between the break lines forms no part of the claimed design.

The evenly-spaced broken lines illustrate environment that does not form part of the claim; the dash-dot-dash lines represent claim boundaries and form no part of the claim.

1 Claim, 7 Drawing Sheets



(58) **Field of Classification Search**

CPC A61B 17/00; A61B 10/06; A61B 10/04;
 A61B 10/02; A61B 1/12; A61B 1/00
 See application file for complete search history.

D691,721 S	10/2013	Scheibel et al.	
D737,442 S *	8/2015	Hasebe	D24/146
D756,513 S *	5/2016	Cheney	D24/133
2003/0212343 A1 *	11/2003	Plishka	A61B 10/0275 600/564
2009/0299217 A1 *	12/2009	Bleibach	A61B 10/04 600/564

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,902,315 A *	5/1999	DuBois	A61B 1/018 600/210
D496,102 S *	9/2004	Watermeier	D24/133
6,960,164 B2 *	11/2005	O'Heeron	A61B 17/3417 600/114
D610,680 S *	2/2010	Blocher	D24/133
D629,902 S *	12/2010	Palmer	D24/144
D636,874 S *	4/2011	Palmer	D24/146
D691,266 S	10/2013	Fink et al.	

OTHER PUBLICATIONS

Karl Storz, Silcut—The Art of Cutting, Endoworld Art. 25 10.0, pp. 1-12 with English translation (Jun. 2015).
 Karl Storz, “Silcut 1: Experience Meets Innovation,” Endoworld Art 47-3, pp. 1-12 (Jul. 2014).
 Karl Storz, “Arthroforce One: Experience Meets Innovation,” Endoworld Art. 47-2, pp. 1-8 with English translation (Mar. 2013).

* cited by examiner

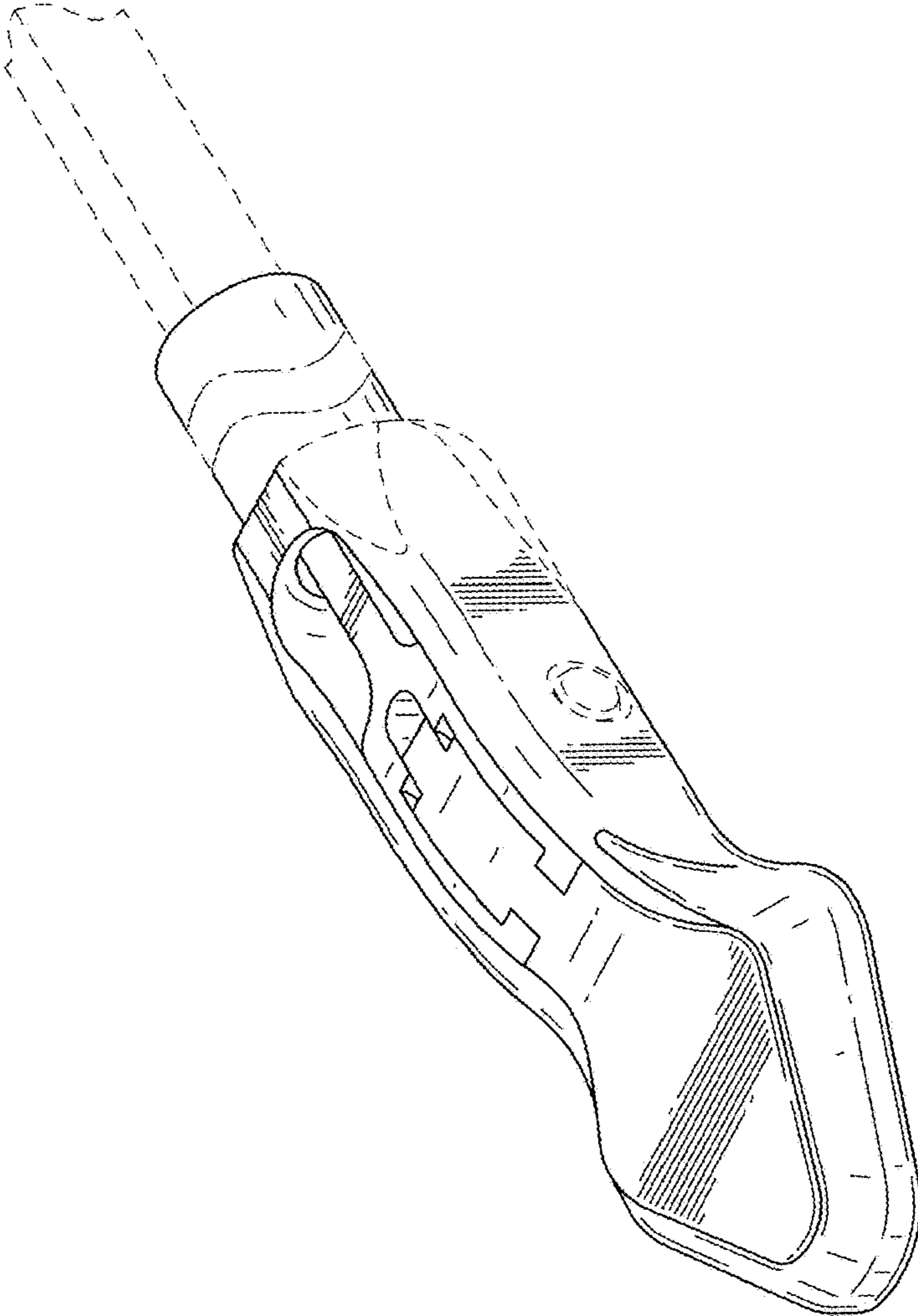


FIG.1

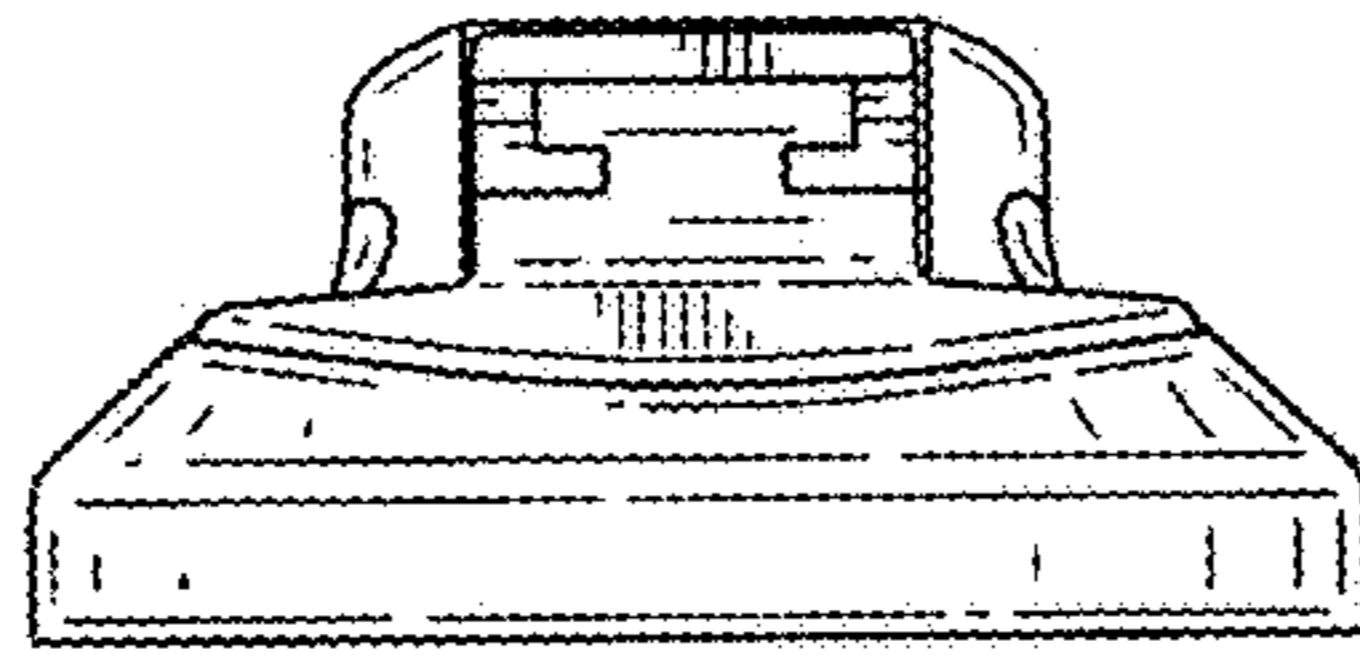


FIG. 2

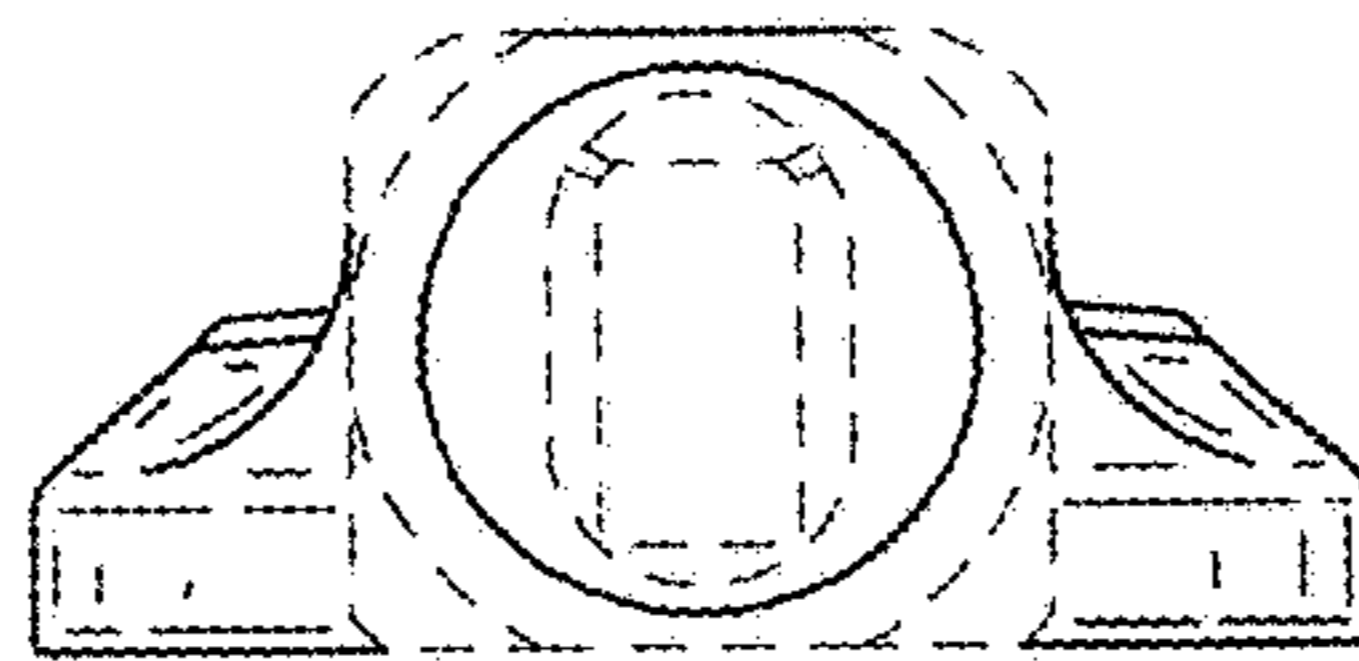


FIG. 3

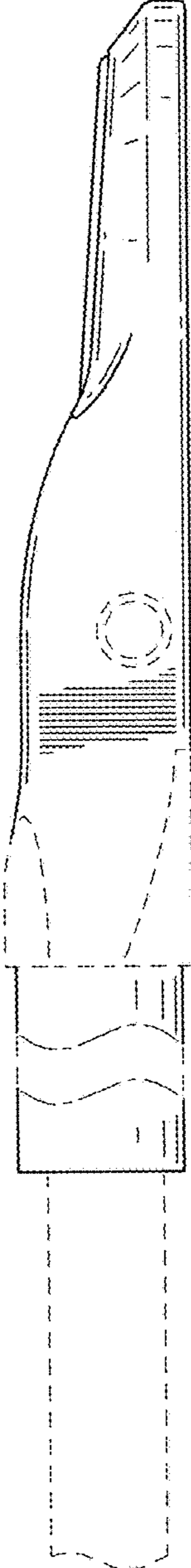


FIG.4

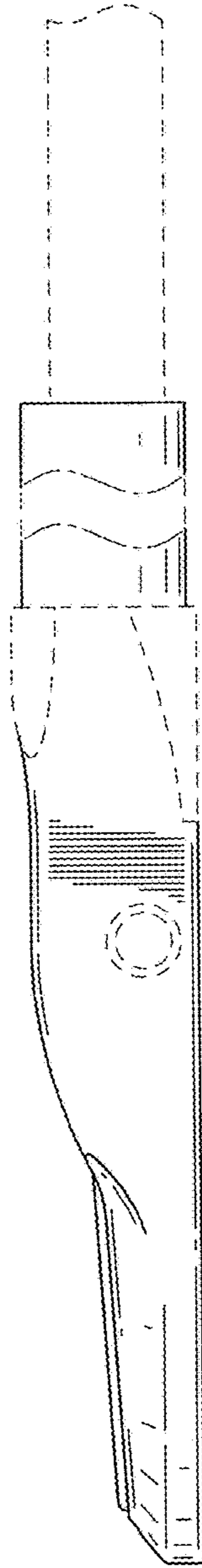


FIG.5

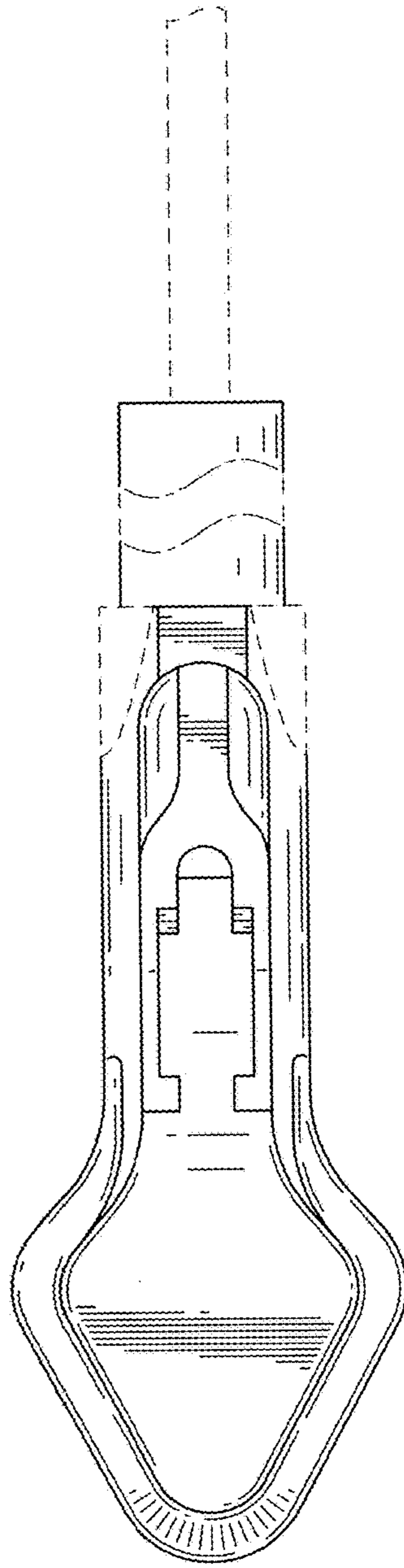


FIG.6

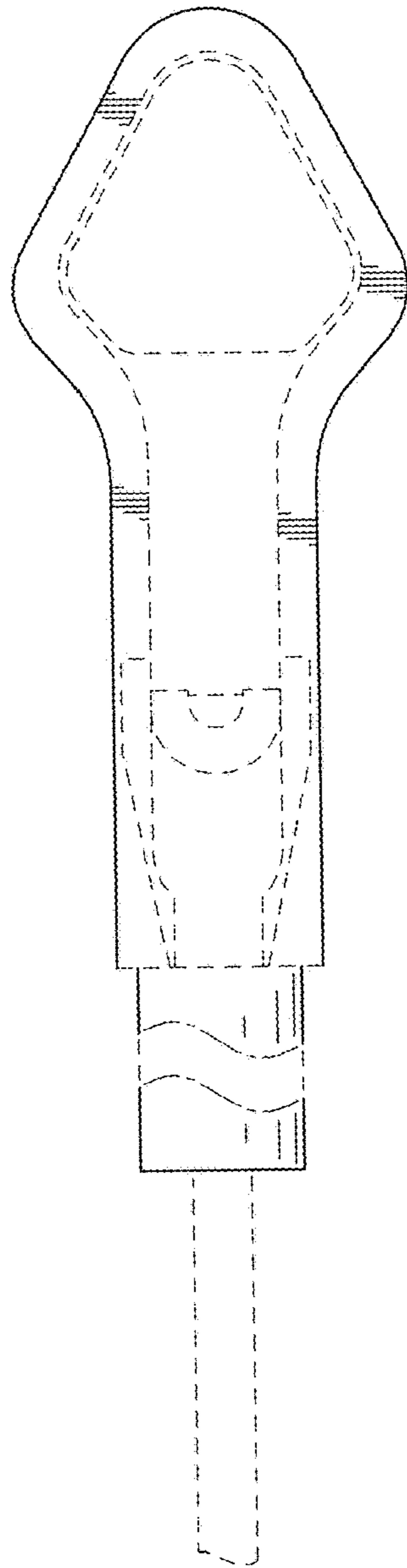


FIG.7

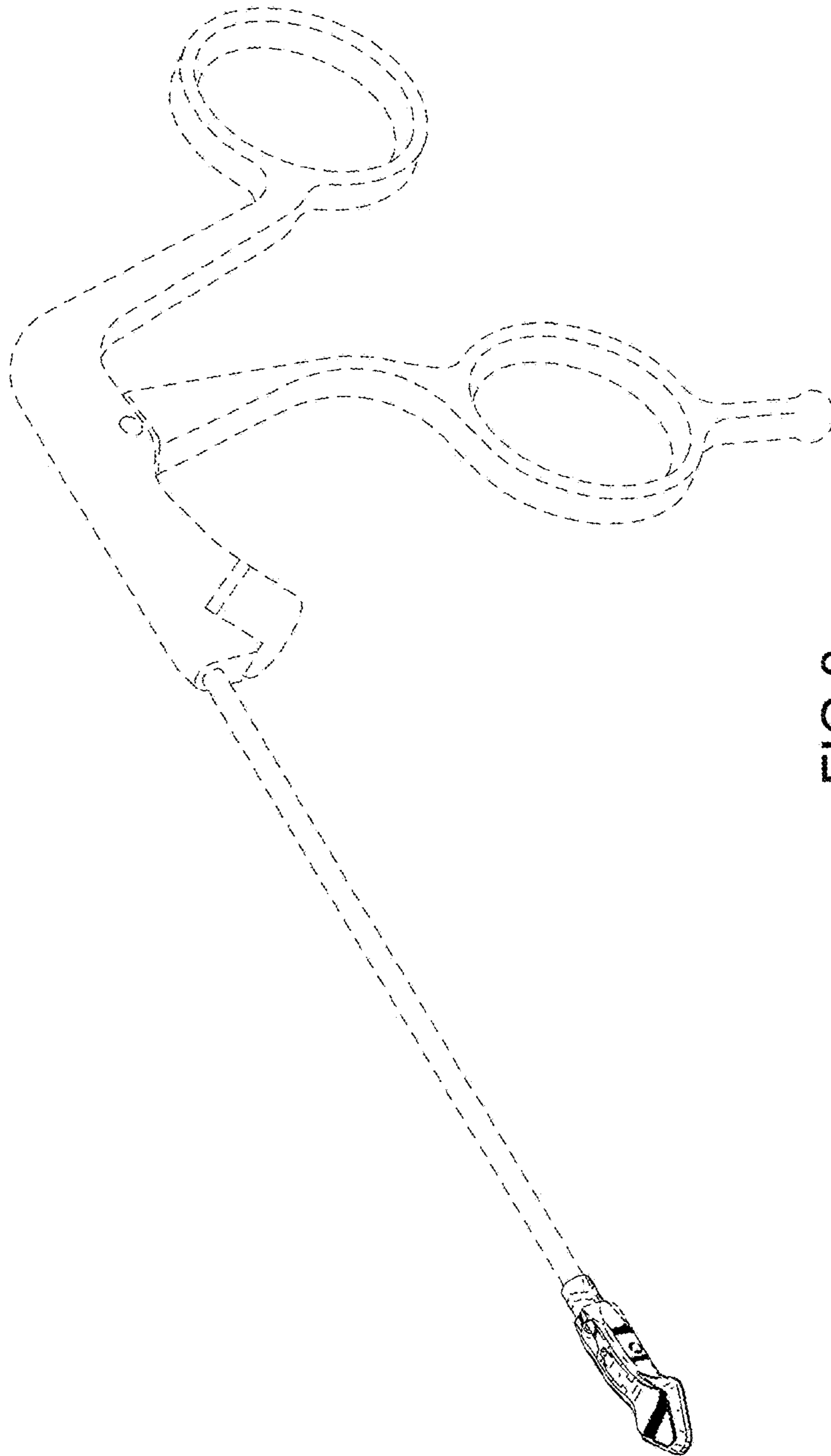


FIG.8