



US00D742514S

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

(10) **Patent No.:** **US D742,514 S**

(45) **Date of Patent:** **** Nov. 3, 2015**

(54) **ORTHOPAEDIC SURGICAL INSTRUMENT
OFFSET TOOL**

(71) Applicant: **DePuy (Ireland)**, Cork (IE)

(72) Inventors: **Jeffery L. Koenemann**, Plymouth, IN (US); **Jonathan C. Lee**, Mishawaka, IN (US); **Lisa M. Major**, Warsaw, IN (US)

(73) Assignee: **DePuy (Ireland)** (IE)

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

(21) Appl. No.: **29/475,014**

(22) Filed: **Nov. 27, 2013**

(51) **LOC (10) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/147**

(58) **Field of Classification Search**
USPC D24/133, 140, 146, 147, 171; 604/164, 604/256, 264, 167.07, 167.04, 158, 167, 604/169; 600/566, 567, 600, 568; 606/167, 606/170, 184, 185, 88, 89; 623/20.32, 623/20.33, 20.35
CPC A61B 17/3421; A61B 2017/345; A61B 2017/3452; A61B 2017/3437; A61B 17/34; A61B 2017/3407; A61B 2017/3409; A61B 2017/1602; A61B 17/1764
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,989,261	A *	11/1999	Walker et al.	606/102
7,470,288	B2 *	12/2008	Dietz et al.	623/20.14
RE40,755	E *	6/2009	McWethy et al.	D24/130
7,637,896	B2 *	12/2009	Voegele et al.	604/264
7,691,150	B2 *	4/2010	Cronin et al.	623/20.32
8,080,064	B2 *	12/2011	Dietz et al.	623/20.32
8,287,600	B2 *	10/2012	Angibaud	623/20.32
8,382,848	B2 *	2/2013	Ries et al.	623/20.29
8,900,317	B2 *	12/2014	Zubok et al.	623/20.32
8,932,364	B2 *	1/2015	Mooradian et al.	623/20.32

8,951,301	B2 *	2/2015	Wogoman et al.	623/20.15
8,968,412	B2 *	3/2015	Wogoman et al.	623/20.15
8,968,413	B2 *	3/2015	Cook et al.	623/20.32
2013/0325014	A1	12/2013	Sordelet et al.	
2013/0325016	A1	12/2013	Sordelet et al.	

(Continued)

OTHER PUBLICATIONS

Zimmer NexGen LCCK, Surgical Technique for use with LCCK 4-in-1 Instrument, 2009, 52 pages.

(Continued)

Primary Examiner — Ian Simmons

Assistant Examiner — Carissa C Fitts

(74) *Attorney, Agent, or Firm* — Barnes & Thornburg, LLP

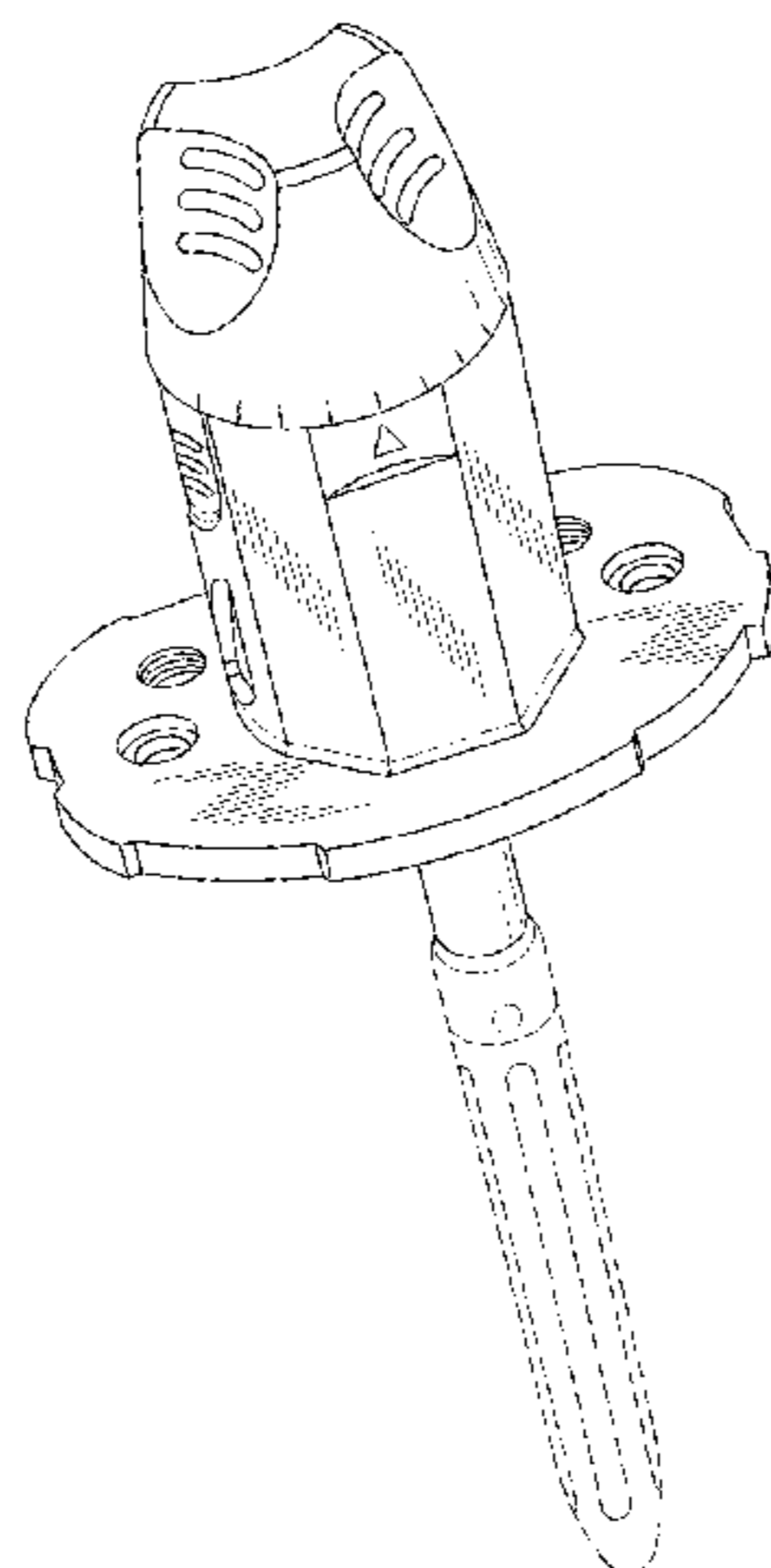
(57) **CLAIM**

We claim the ornamental design for an orthopaedic surgical instrument offset tool, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a design of the orthopaedic surgical instrument offset tool;
FIG. 2 is a front elevation view of the orthopaedic surgical instrument offset tool of FIG. 1;
FIG. 3 is a rear elevation view opposite the front elevation view of FIG. 2;
FIG. 4 is a first side elevation view of the orthopaedic surgical instrument offset tool of FIG. 1;
FIG. 5 is a second side elevation view opposite the first side elevation view of FIG. 4;
FIG. 6 is a top plan view of the orthopaedic surgical instrument offset tool of FIG. 1;
FIG. 7 is a bottom plan view of the orthopaedic surgical instrument offset tool of FIG. 1; and,
FIG. 8 is a bottom perspective view of the orthopaedic surgical instrument offset tool of FIG. 1.
The features shown in broken lines depict environmental subject matter only and form no part of the claimed design.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2013/0325018 A1 12/2013 Thomas et al.
2013/0325019 A1 12/2013 Thomas et al.
2013/0325021 A1 12/2013 Sordelet et al.
2013/0325136 A1 12/2013 Thomas et al.

OTHER PUBLICATIONS

DePuy Orthopaedics, Inc., Sigma Revision and M.B.T. Revision Tray, Surgical Technique, 2008, 82 pages.
Biomet, Vanguard SSK, Revision System, Surgical Technique, Feb. 2008, 64 pages.
PFC Sigma RP-F, Specialist 2 Instruments, Surgical Technique, Performance in Flexion, 2007, 32 pages.

P.F.C. Sigma Rotating Platform Knee System with M.B.T Tray, Primary Procedure with a Curved or Posterior Stabilised Implant, 2003, 43 pages.
LCS High Performance Instruments, Surgical Technique, 2008, 44 pages.
Sigma High Performance Instruments, Design Rationale, 2007, 12 pages.
Sigma High Performance Instruments, Classic Surgical Technique, 2010, 52 pages.
European Search Report, European Patent Application No. 11175824.9-2310, Dec. 16, 2011, 8 pages.
Attune Knee System Surgical Technique, 2013, 73 pages.
Smith & Nephew, Legion, Revision Knee System, Surgical Technique, 2005, 40 pages.
GMK Revision, Surgical Technique, Ref. 99.27.12US rev. 1, 1999, 74 pages.

* cited by examiner

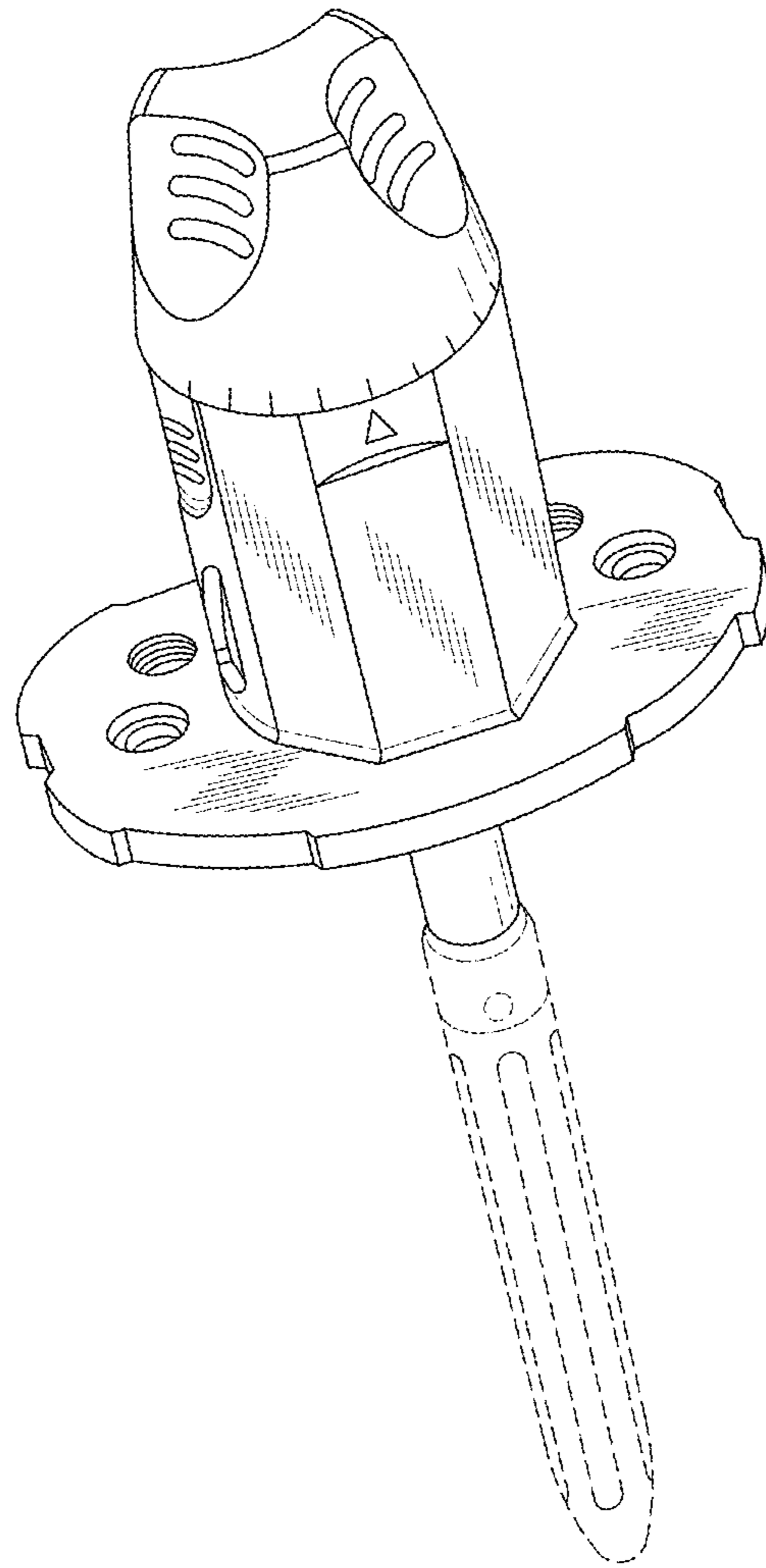


Fig. 1

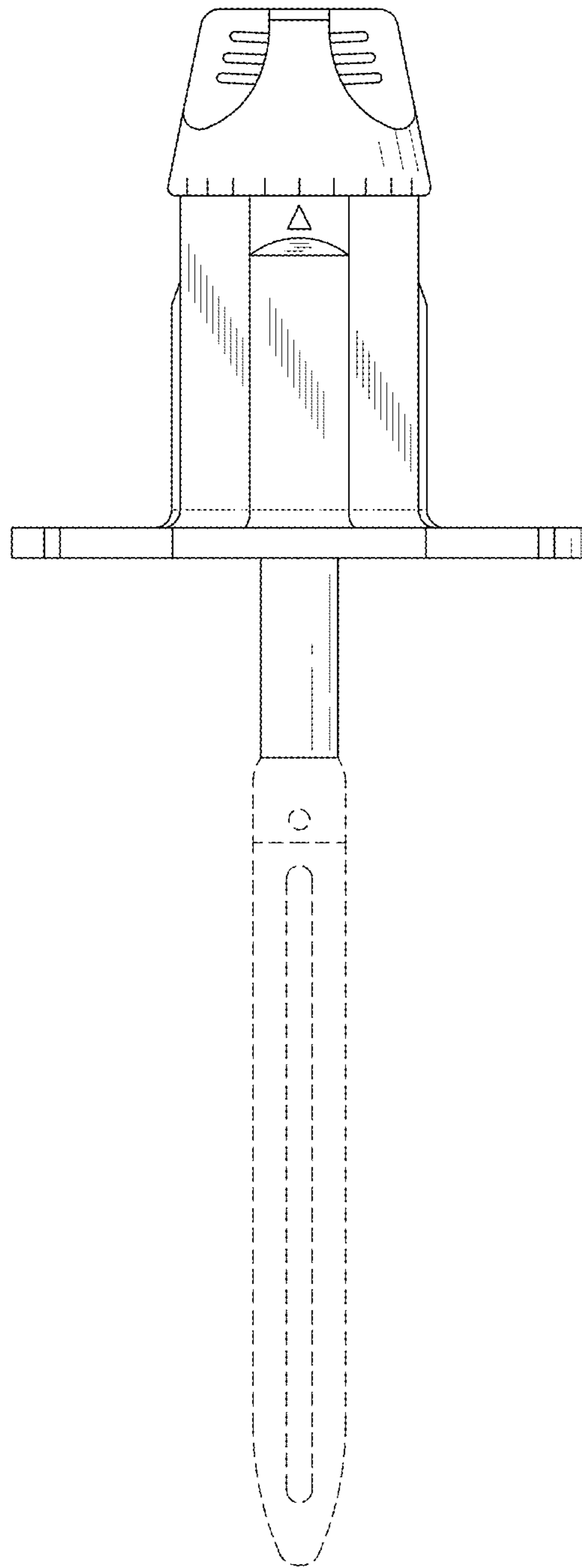


Fig. 2

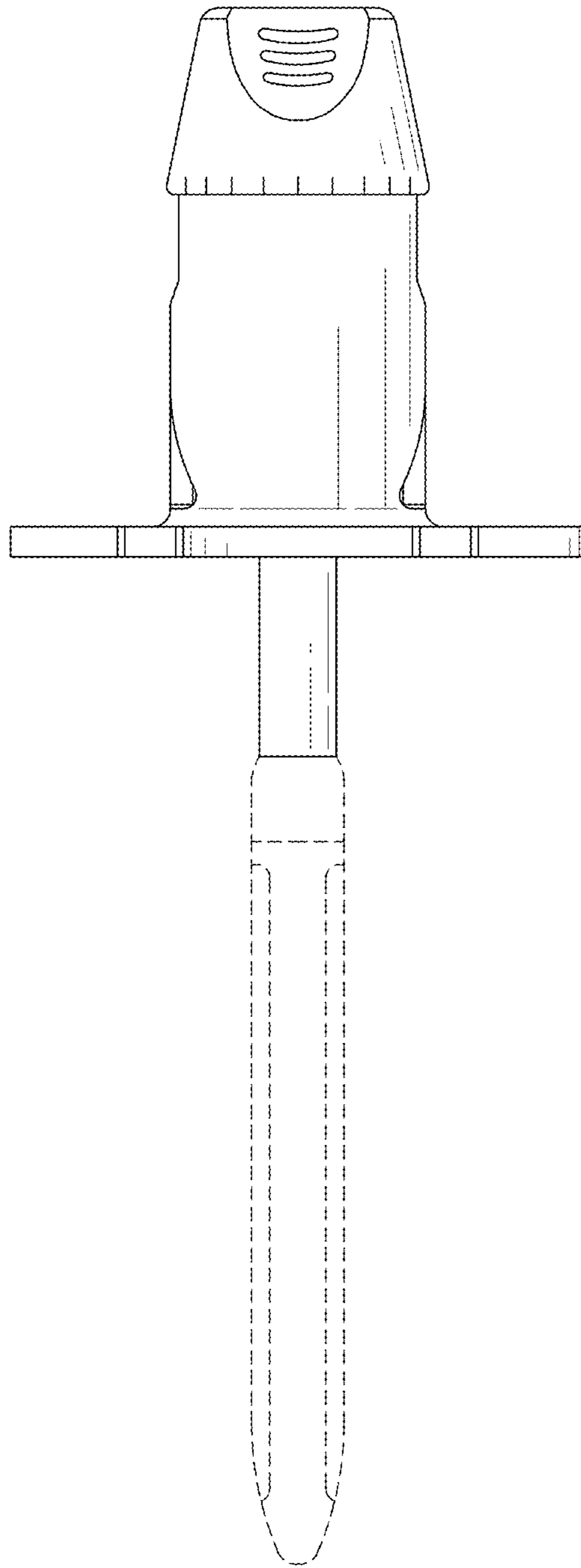


Fig. 3

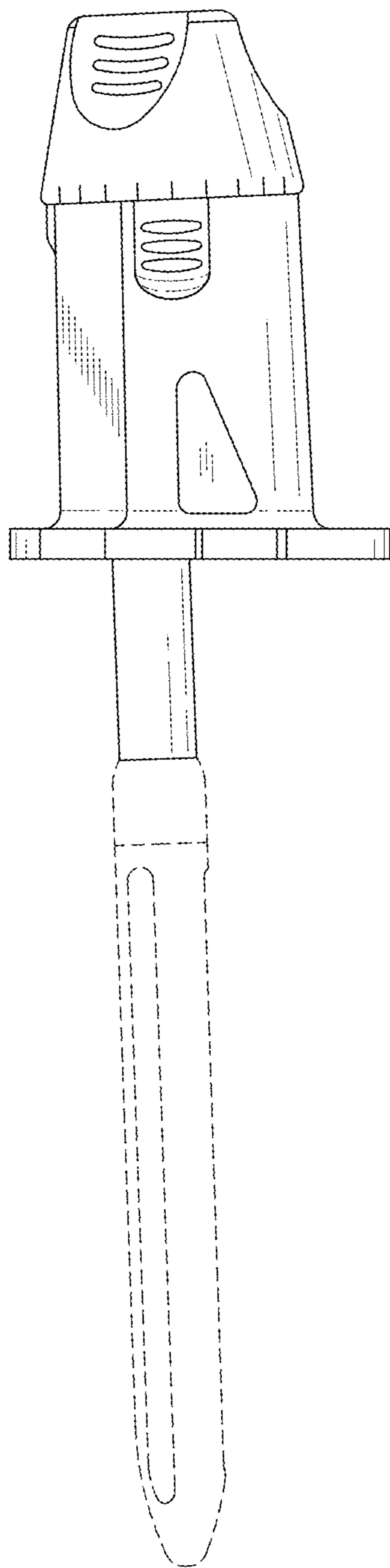


Fig. 4

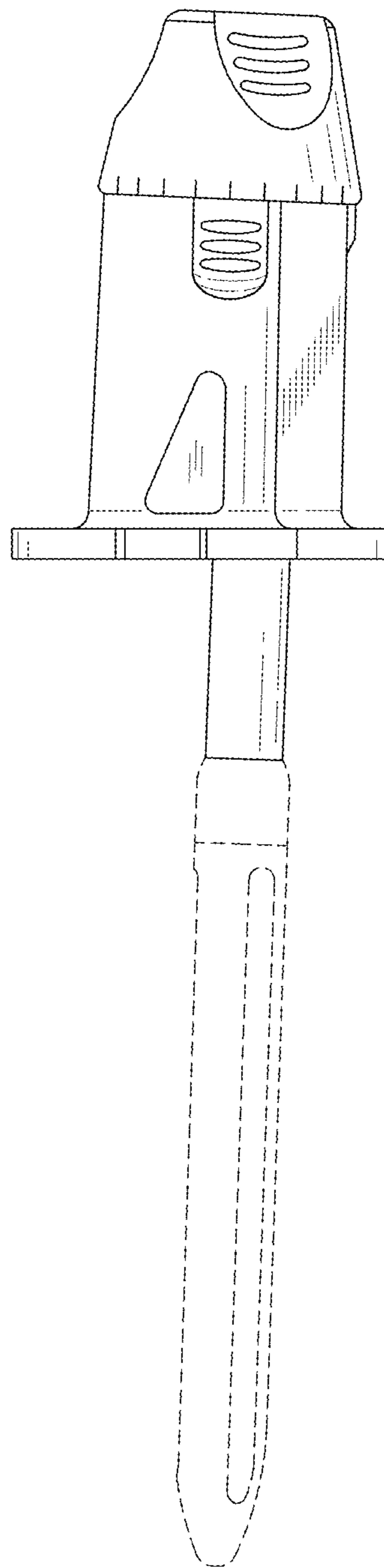


Fig. 5

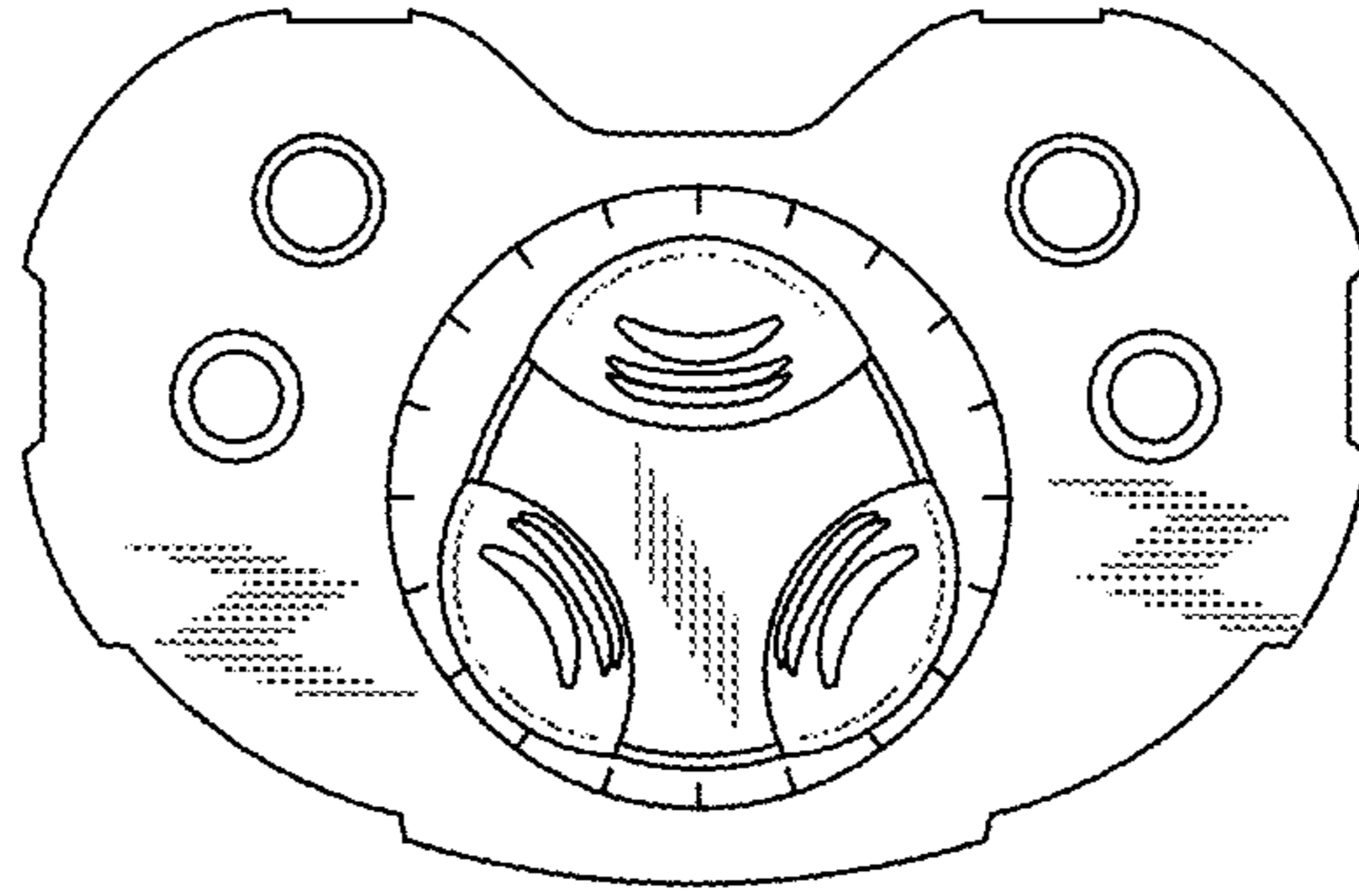


Fig. 6

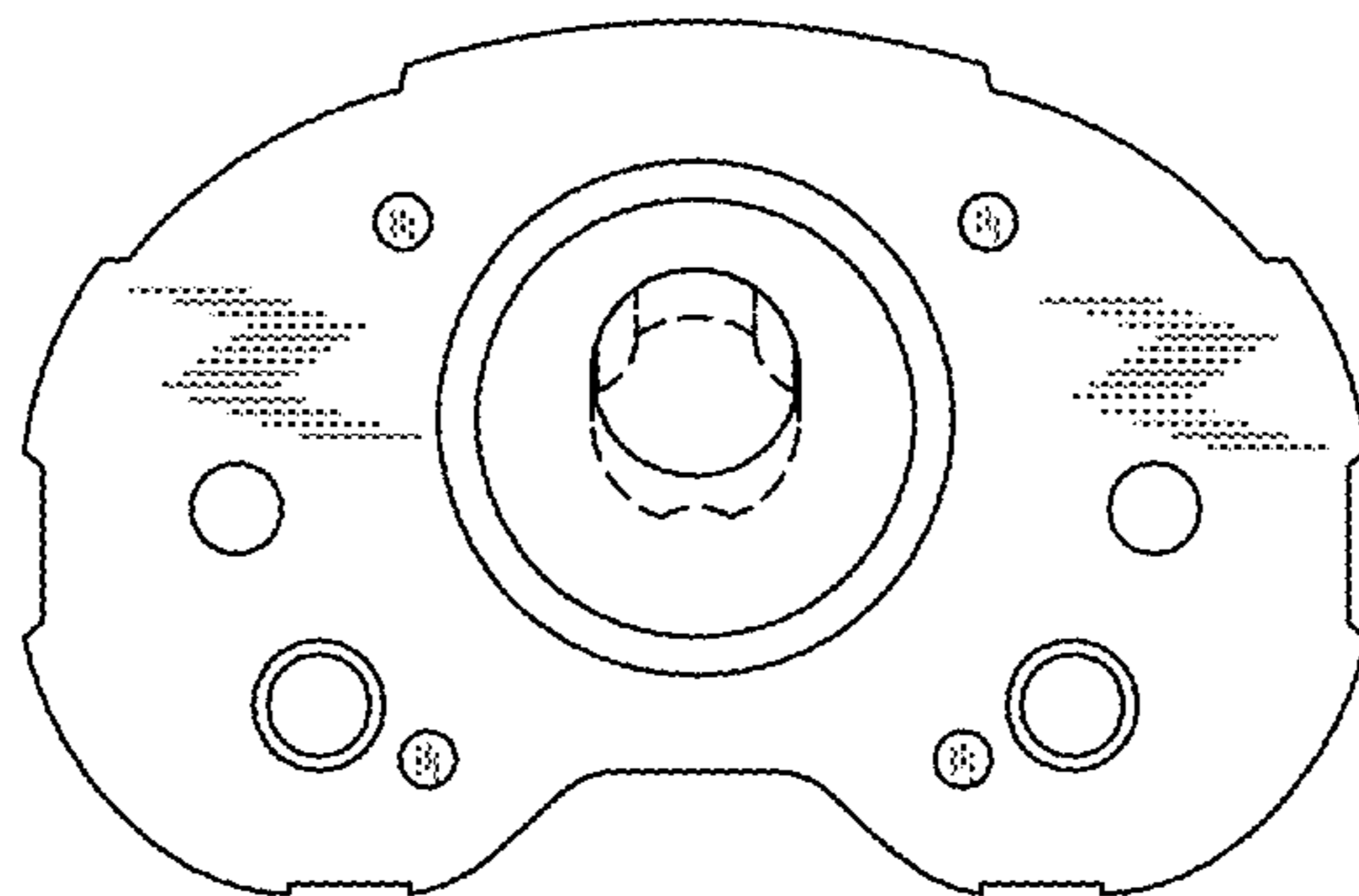


Fig. 7

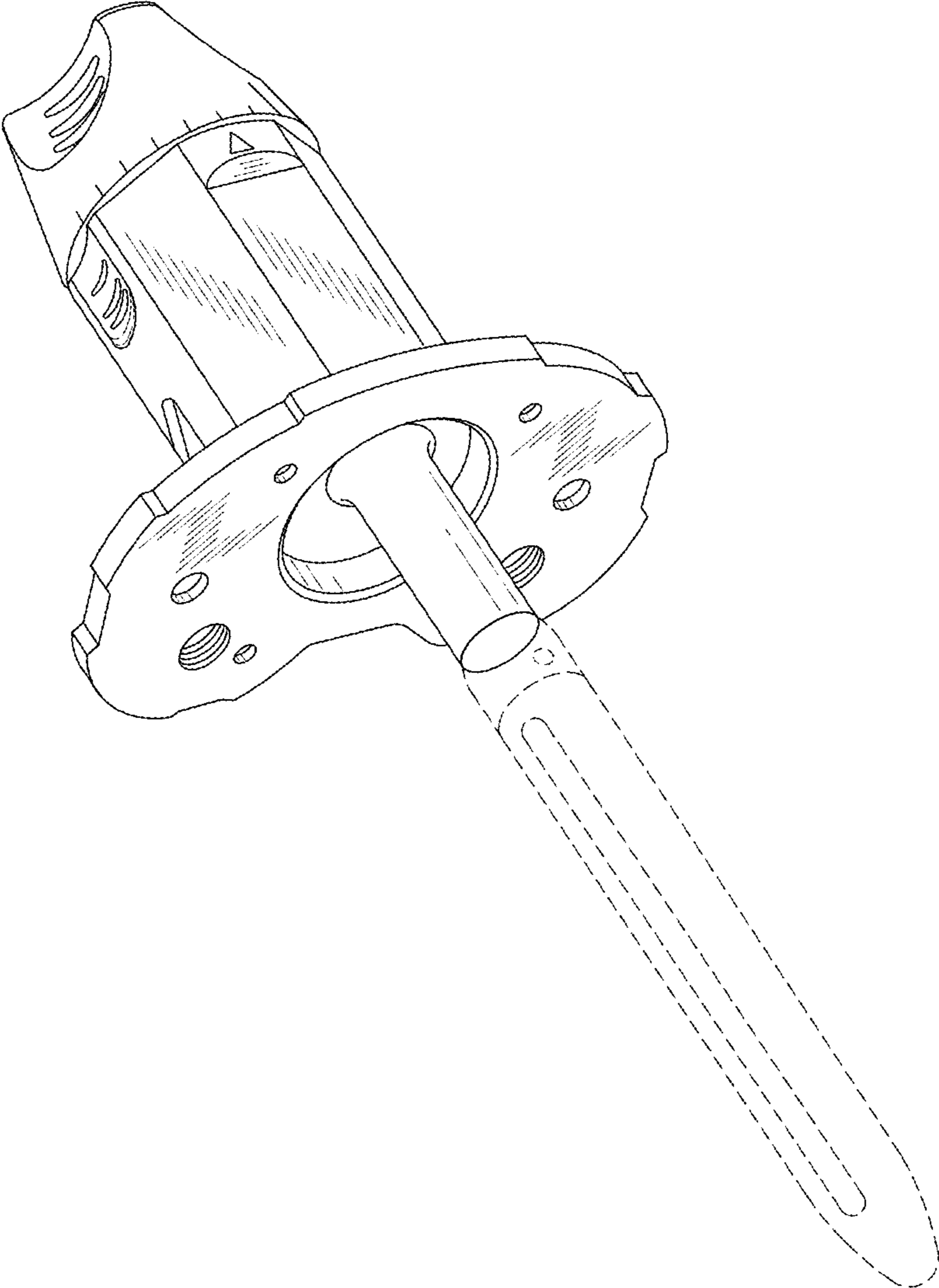


Fig. 8