



US00D782675S

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

(10) **Patent No.:** **US D782,675 S**
(45) **Date of Patent:** **** Mar. 28, 2017**

(54) **DRILL HANDLE**
(71) Applicant: **Gyrus ACMI, Inc.**, Southborough, MA (US)
(72) Inventors: **Kevin C. Edwards**, Olive Branch, MS (US); **Jay A. Casey**, Memphis, TN (US); **Peter Wong**, Arlington, TN (US); **Jesse Conrad**, Cordova, TN (US); **Manfred Held**, Hamburg (DE); **Ronny Staps**, Hamburg (DE)

(73) Assignee: **GYRUS ACMI, INC.**, Southborough, MA (US)

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

(21) Appl. No.: **29/524,747**

(22) Filed: **Apr. 23, 2015**

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

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

(58) **Field of Classification Search**
USPC D24/146, 147, 148, 113, 133, 137, 138;
D8/61, 68; 606/45, 49, 109, 162; 604/35
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D245,789 S	9/1977	Shea et al.	
5,888,200 A	3/1990	Walen	
5,222,956 A	6/1993	Waldron	
5,505,737 A	4/1996	Gosselin et al.	
D419,238 S *	1/2000	Maissami D24/119
6,037,724 A	3/2000	Buss et al.	
6,113,596 A	9/2000	Hooven et al.	
6,733,218 B2	5/2004	Del Rio	
7,001,391 B2	2/2006	Estes et al.	

7,448,870 B2	11/2008	Maitre	
8,002,770 B2 *	8/2011	Swanson A61B 18/1492 606/41
8,277,474 B2	10/2012	Norman et al.	
D687,143 S *	7/2013	Ogura D24/119
8,597,316 B2 *	12/2013	McCombs A61B 17/162 606/167
9,050,113 B2 *	6/2015	Bloom A61B 17/1671
9,056,193 B2 *	6/2015	Ignon A61M 35/003

(Continued)

OTHER PUBLICATIONS

Potentially related design U.S. Appl. No. 29/524,746, filed Apr. 23, 2015.

(Continued)

Primary Examiner — Thomas Johannes

Assistant Examiner — Samantha Q Lawrence

(74) *Attorney, Agent, or Firm* — The Dobrusin Law Firm, P.C.; Daniel P. Aleksynas

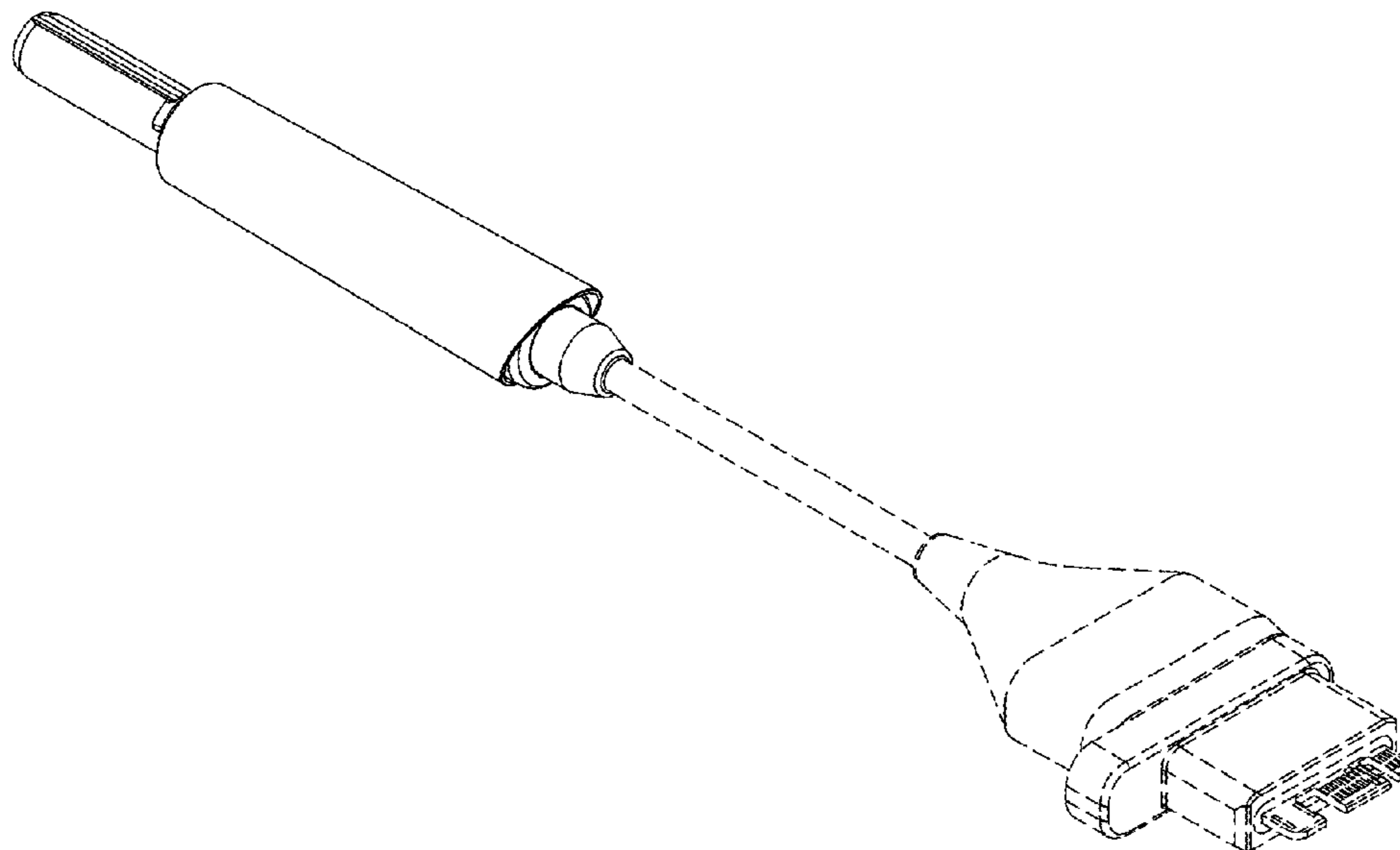
(57) **CLAIM**

The ornamental design for a drill handle, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a drill handle.
FIG. 2 is a top elevational view thereof.
FIG. 3 is a bottom elevational view thereof.
FIG. 4 is a side elevational view thereof, the other side being a mirror image.
FIG. 5 is an enlarged scale rear elevational view thereof; and,
FIG. 6 is an enlarged scale front elevational view thereof.
The broken lines shown in FIGS. 1-6 illustrate portions of the drill handle that form no part of the claimed design.

1 Claim, 2 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

9,265,407 B2 * 2/2016 Goldfarb A61B 1/00135
9,402,626 B2 * 8/2016 Ortiz A61B 17/068
9,402,635 B2 * 8/2016 Boykin A61B 17/141
9,402,680 B2 * 8/2016 Ginnebaugh A61B 18/085
9,433,437 B2 * 9/2016 Kesten A61B 17/24
9,468,362 B2 * 10/2016 Goldfarb A61B 1/018
D771,253 S * 11/2016 Osada D24/138
D773,661 S * 12/2016 Funakoshi D24/138
2003/0114850 A1 6/2003 McClurken et al.
2003/0181904 A1 9/2003 Levine et al.

OTHER PUBLICATIONS

Potentially related design U.S. Appl. No. 29/524,744, filed Apr. 23, 2015.

Visao Handpiece image obtained from <<http://www.orientmed.org/ViewProduct.aspx?id=25>> last accessed Jun. 19, 2015.

Image of Drill Surgical Power Tool, EPV-220 series DeSoutter Medical obtained from <<http://www.medicalexpo.com/prod/desoutter-medical/product-68192-420003.html>> last accessed Jun. 19, 2015.

Image of Stryker 5400-100 Core U Drill obtained from <http://www.re-owned.com/itemcode-57n82n1_003> last accessed Jun. 19, 2015.

Image of China Micro Bone Drill from Shanghai Bojin Medical Instrument Co., Ltd. Obtained from <<http://shbojin.en.made-in-china.com/product/LBimKWEdXUhV/China-Micro-Bone-Drill.html>> last accessed Jun. 19, 2015.

Olympus, Viper Otology Drill System, 4 pages, published Aug. 2010.

* cited by examiner

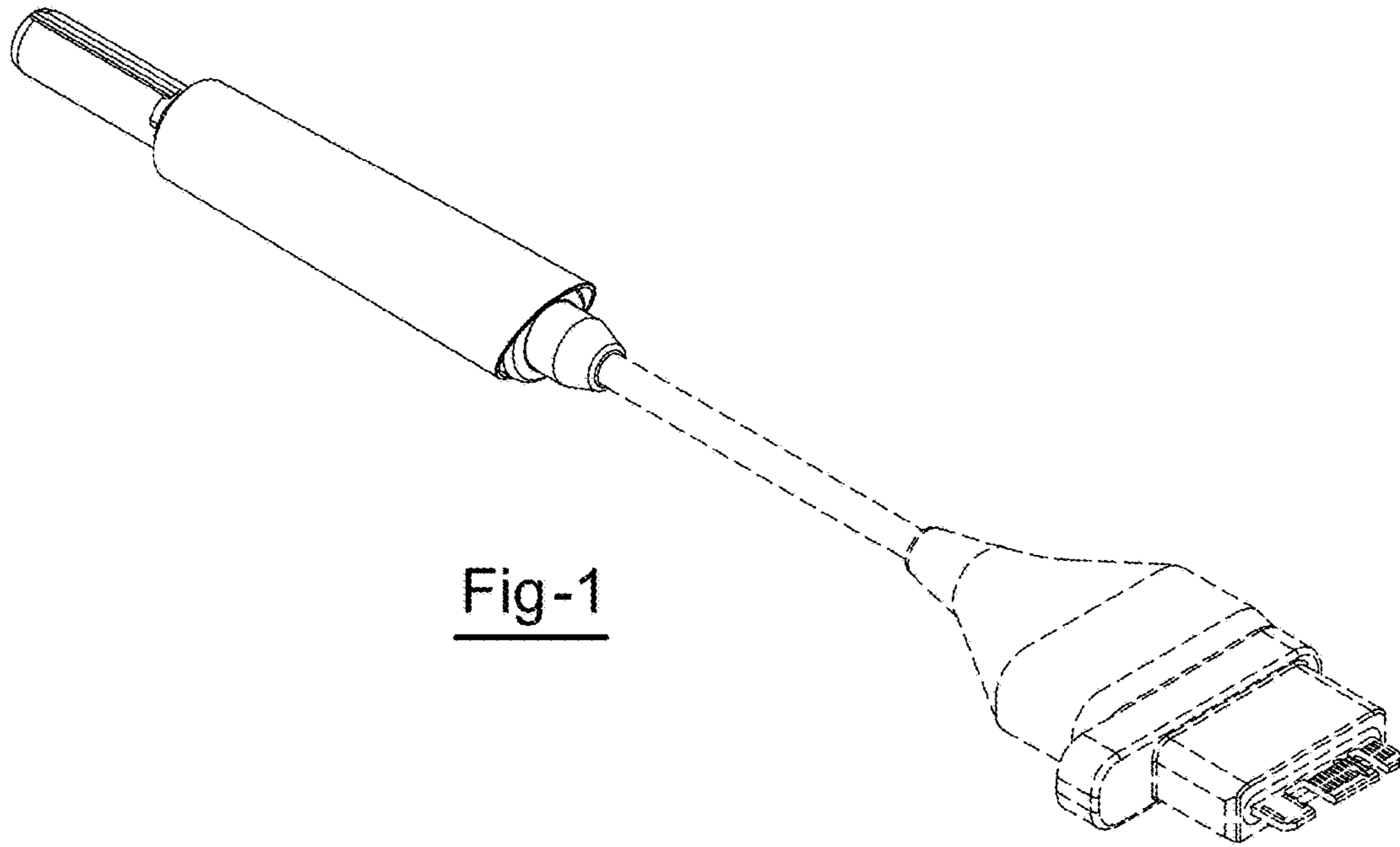


Fig-1

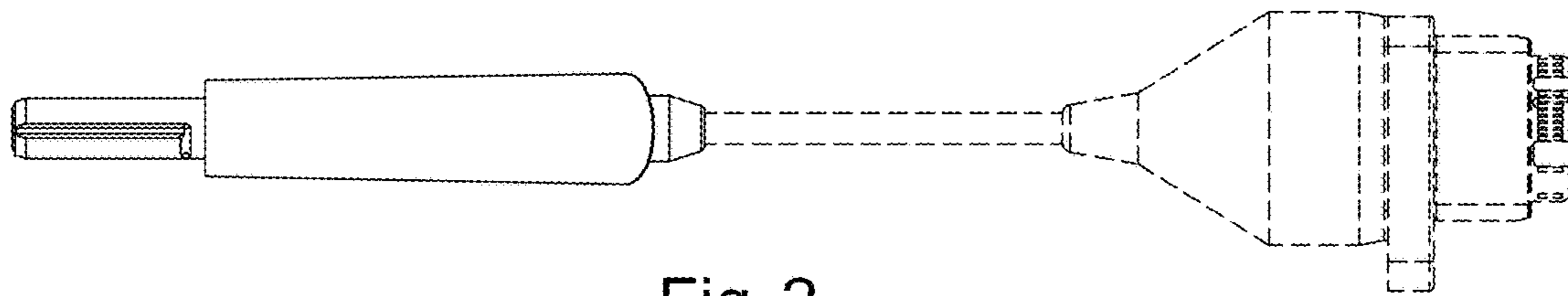


Fig-2

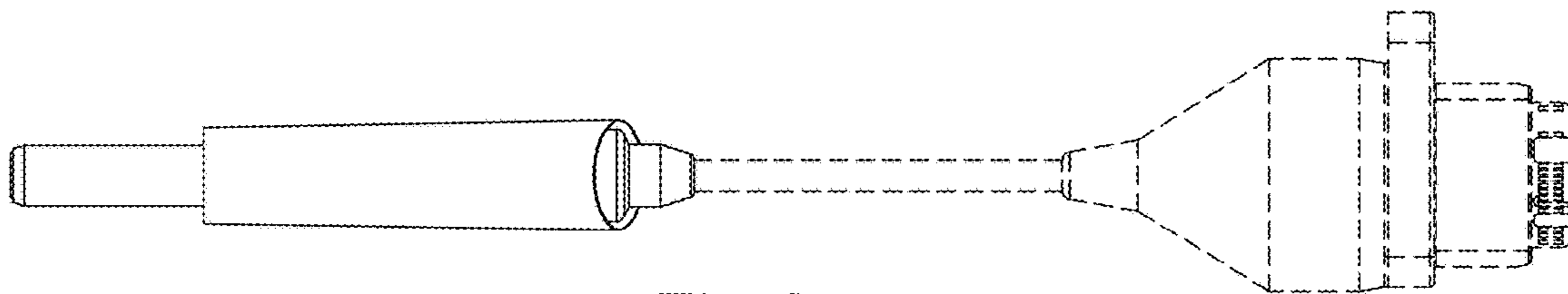


Fig-3

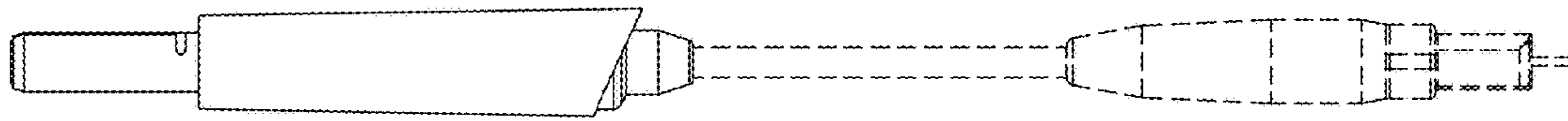


Fig-4

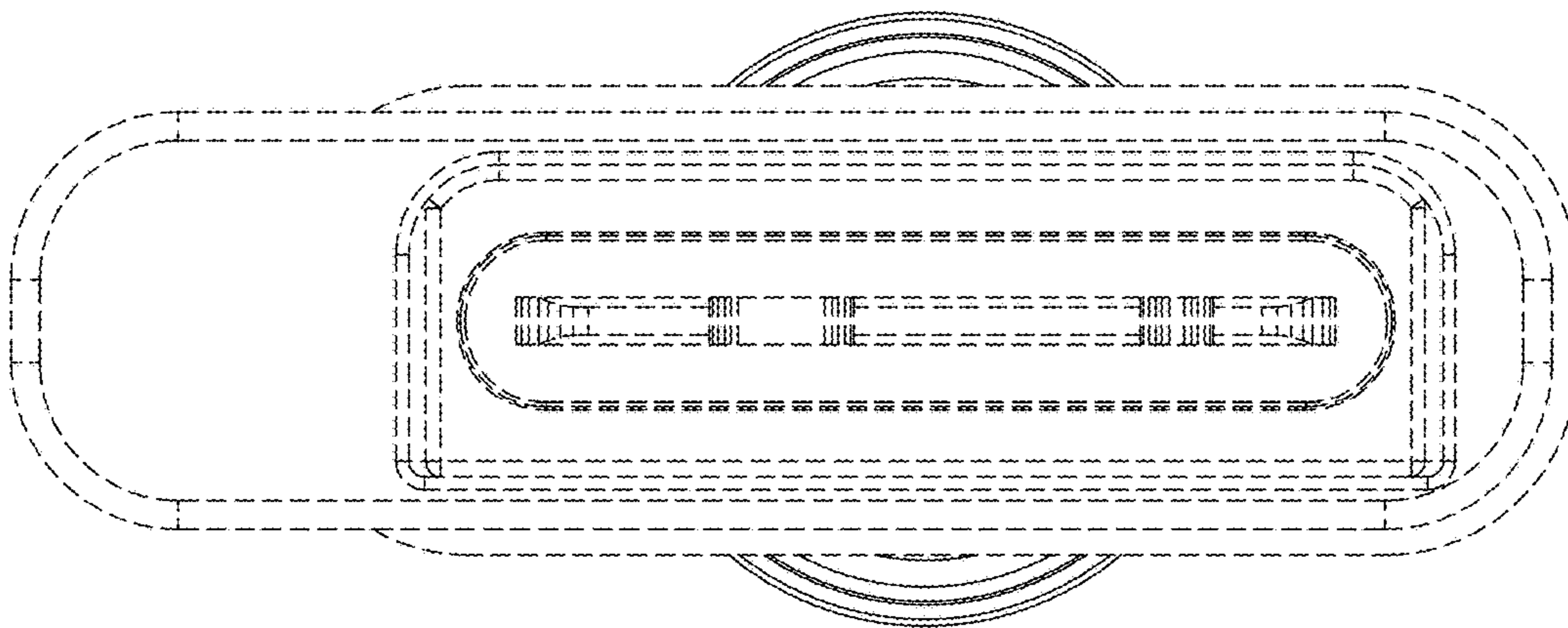


Fig-5

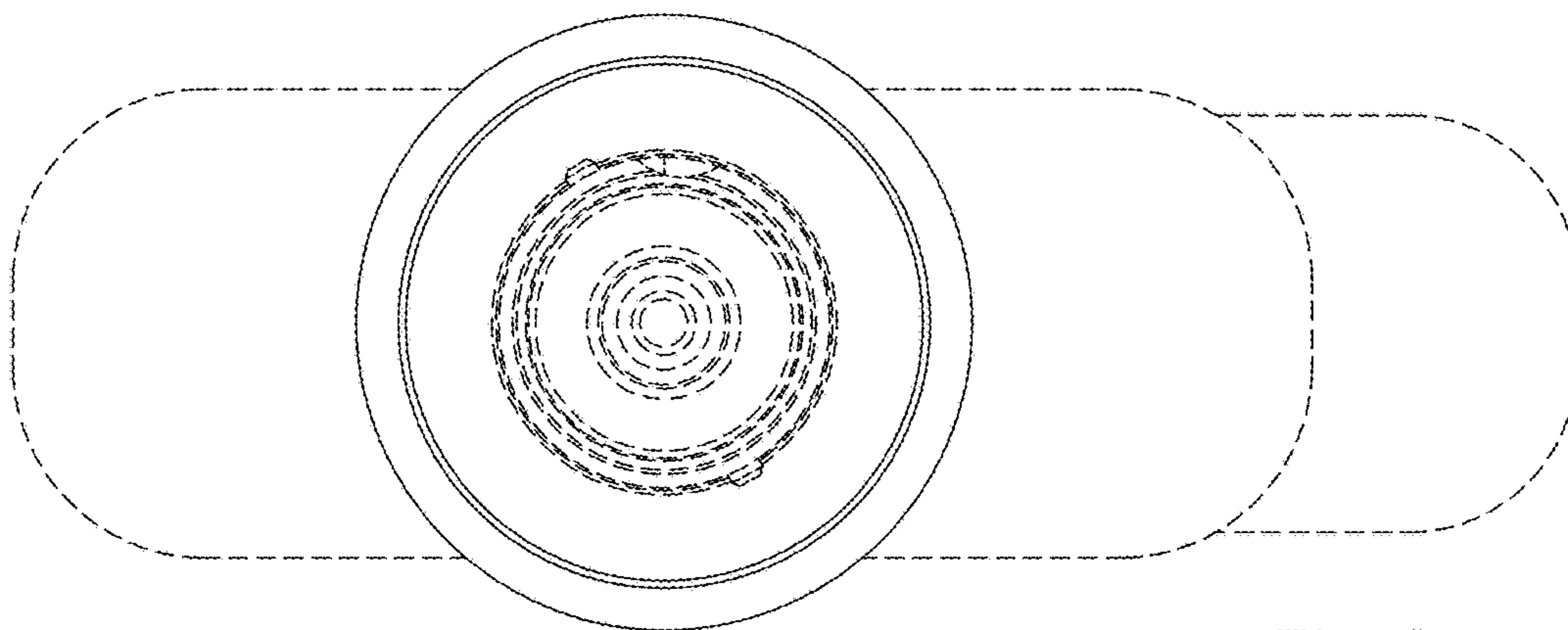


Fig-6