



US00D653613S

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

(10) **Patent No.:** **US D653,613 S**  
(45) **Date of Patent:** **\*\* Feb. 7, 2012**

(54) **BATTERY CHARGER**  
(75) Inventors: **Motohiro Sasada**, Moriguchi (JP);  
**Shinji Oda**, Moriguchi (JP)  
(73) Assignee: **Sanyo Electric Co., Ltd.**, Osaka (JP)  
(\*\*) Term: **14 Years**  
(21) Appl. No.: **29/371,618**  
(22) Filed: **May 25, 2011**

D595,223 S 6/2009 Yamamoto et al.  
D598,374 S 8/2009 Sasada  
D607,815 S 1/2010 Lui  
D624,500 S 9/2010 Chan  
D628,151 S 11/2010 Wegener et al.  
D632,653 S 2/2011 Wikel et al.  
D633,034 S 2/2011 Heine et al.  
D633,035 S 2/2011 Heine et al.  
D645,816 S \* 9/2011 Sasada et al. .... D13/108  
D645,817 S \* 9/2011 Sasada et al. .... D13/108

(Continued)

**Related U.S. Application Data**

(62) Division of application No. 29/347,177, filed on Oct. 16, 2009, now Pat. No. Des. 645,816.

**Foreign Application Priority Data**

Jul. 7, 2009 (JP) ..... 2009-015373  
Jul. 7, 2009 (JP) ..... 2009-015422

(51) **LOC (9) Cl.** ..... **13-02**  
(52) **U.S. Cl.** ..... **D13/108**  
(58) **Field of Classification Search** ..... D13/107-110,  
D13/118-119, 184, 199; D14/251, 253,  
D14/432, 434; 320/107-115  
See application file for complete search history.

**References Cited**

**U.S. PATENT DOCUMENTS**

D207,586 S \* 5/1967 Rakocy ..... D13/103  
D505,389 S 5/2005 Chang  
D532,372 S 11/2006 Keating  
D532,745 S 11/2006 Gaber et al.  
D539,218 S 3/2007 Gaber et al.  
7,375,494 B2 5/2008 Daniel et al.  
D570,847 S 6/2008 Chern  
D572,656 S \* 7/2008 Schein ..... D13/108  
D592,138 S 5/2009 Mahaffey et al.

*Primary Examiner* — Rosemary K Tarcza  
(74) *Attorney, Agent, or Firm* — Rabin & Berdo, PC

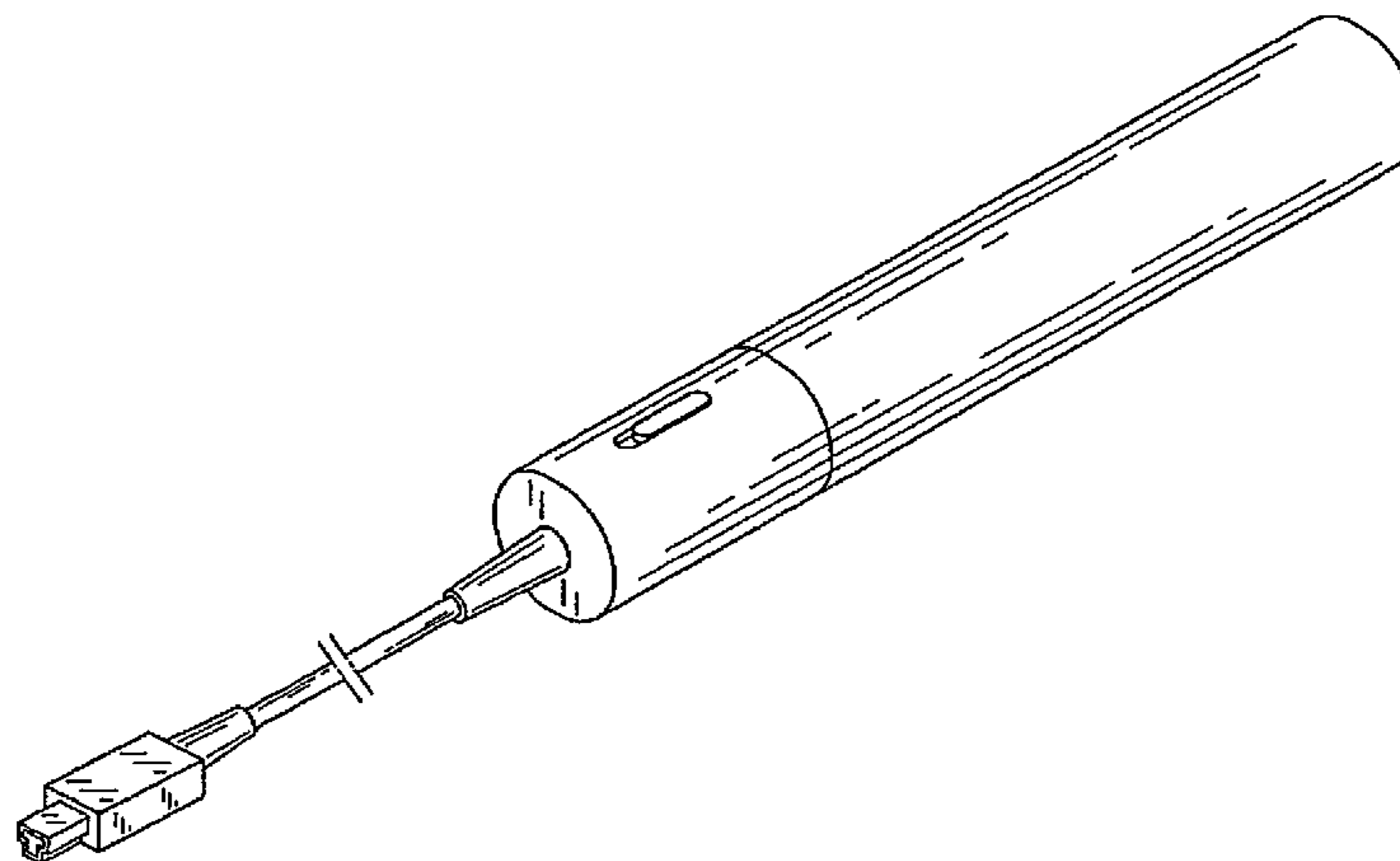
**CLAIM**

(57) The ornamental design for a battery charger, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of an embodiment of a battery charger showing our new design;  
FIG. 2 is a front elevation view of the embodiment;  
FIG. 3 is a rear elevation view of the embodiment;  
FIG. 4 is a top plan view of the embodiment;  
FIG. 5 is a bottom plan view of the embodiment;  
FIG. 6 is a right side view of the embodiment;  
FIG. 7 is a left side view of the embodiment  
FIG. 8 is a referential perspective view of the embodiment showing a state with the cap and the main body being separated from each other, the joint portion of the main body is shown in broken lines forming no part of the claimed design; and,  
FIG. 9 is a perspective view of the embodiment viewed from behind.  
The broken lines shown in the figures are for illustrative purposes only and form no part of the claimed design.

**1 Claim, 3 Drawing Sheets**



# US D653,613 S

Page 2

---

## U.S. PATENT DOCUMENTS

2004/0251871 A1 12/2004 Dvorak et al.  
2006/0208695 A1 9/2006 Weinstein et al.  
2007/0229025 A1 10/2007 Tsai et al.

2007/0241721 A1 10/2007 Weinstein et al.  
2010/0027249 A1 2/2010 Connor et al.  
2010/0117597 A1 5/2010 Wang

\* cited by examiner

FIG. 1

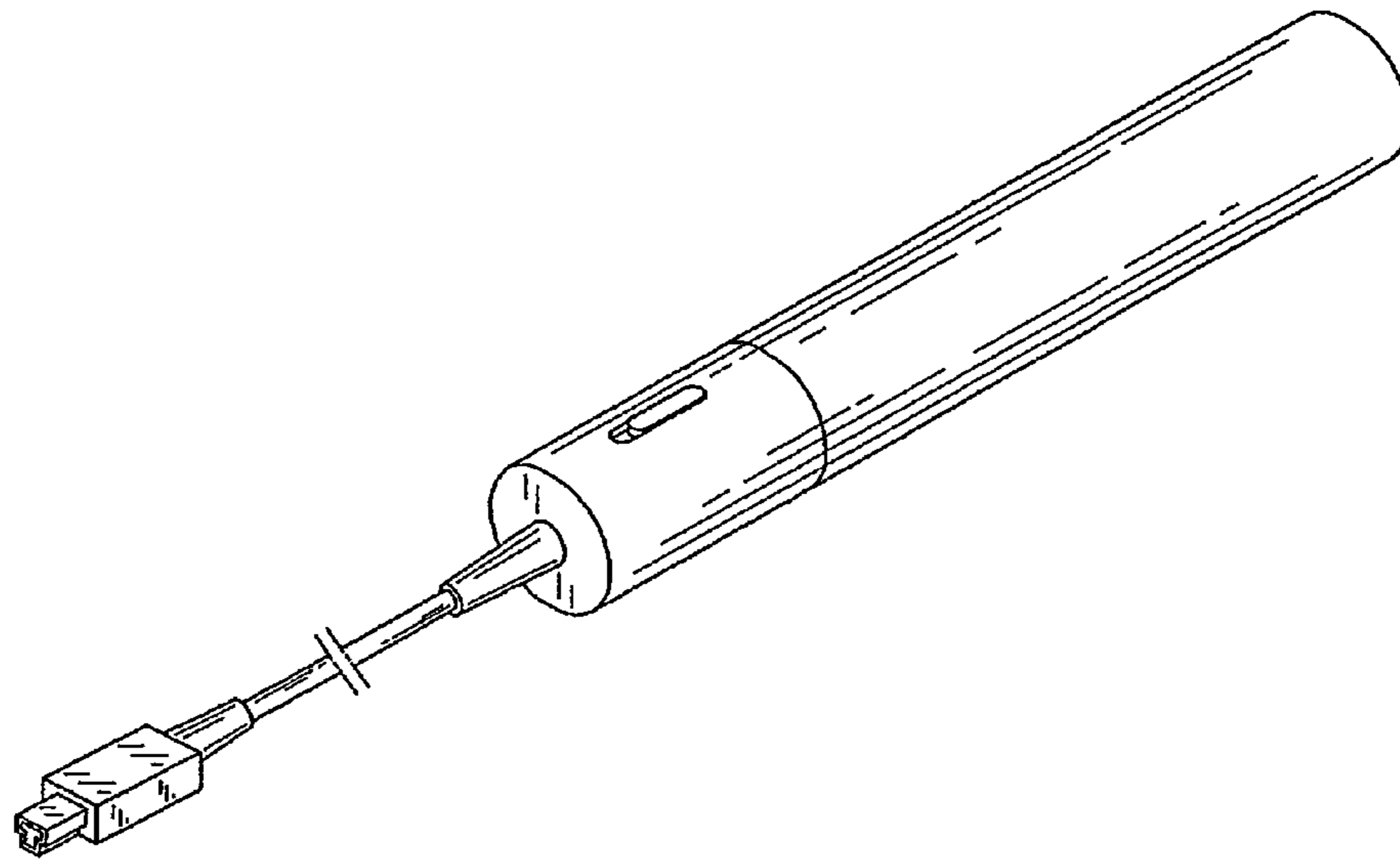


FIG. 2

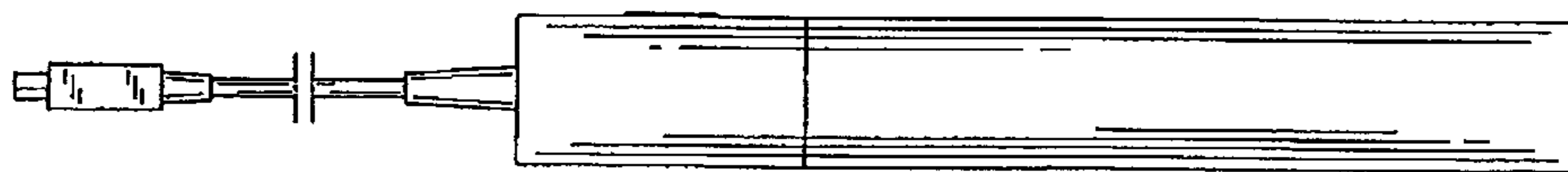


FIG. 3

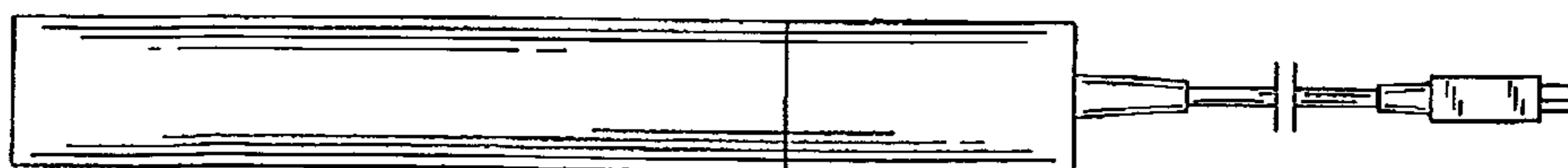


FIG. 4

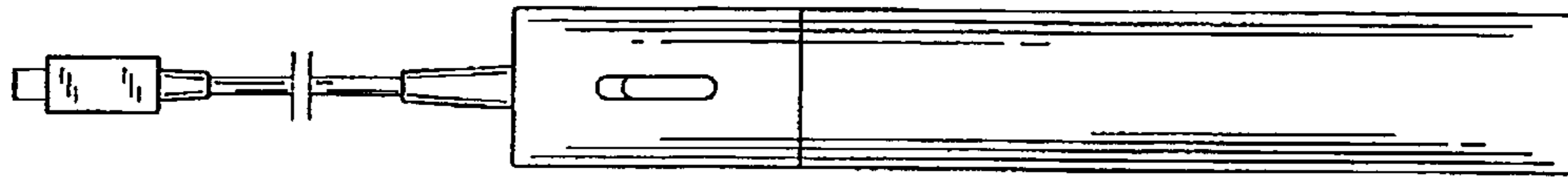


FIG. 5

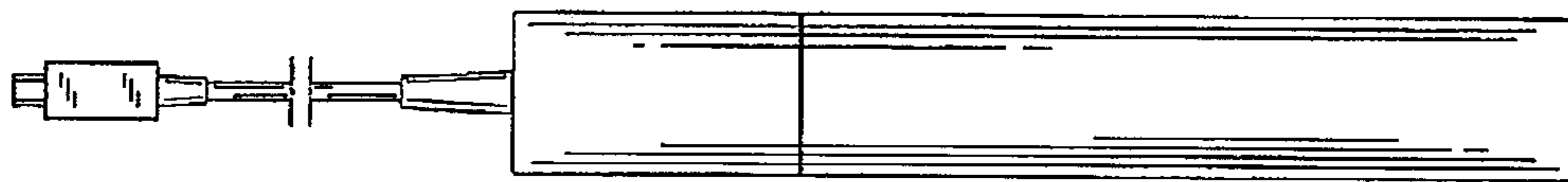


FIG. 6



FIG. 7



FIG. 8

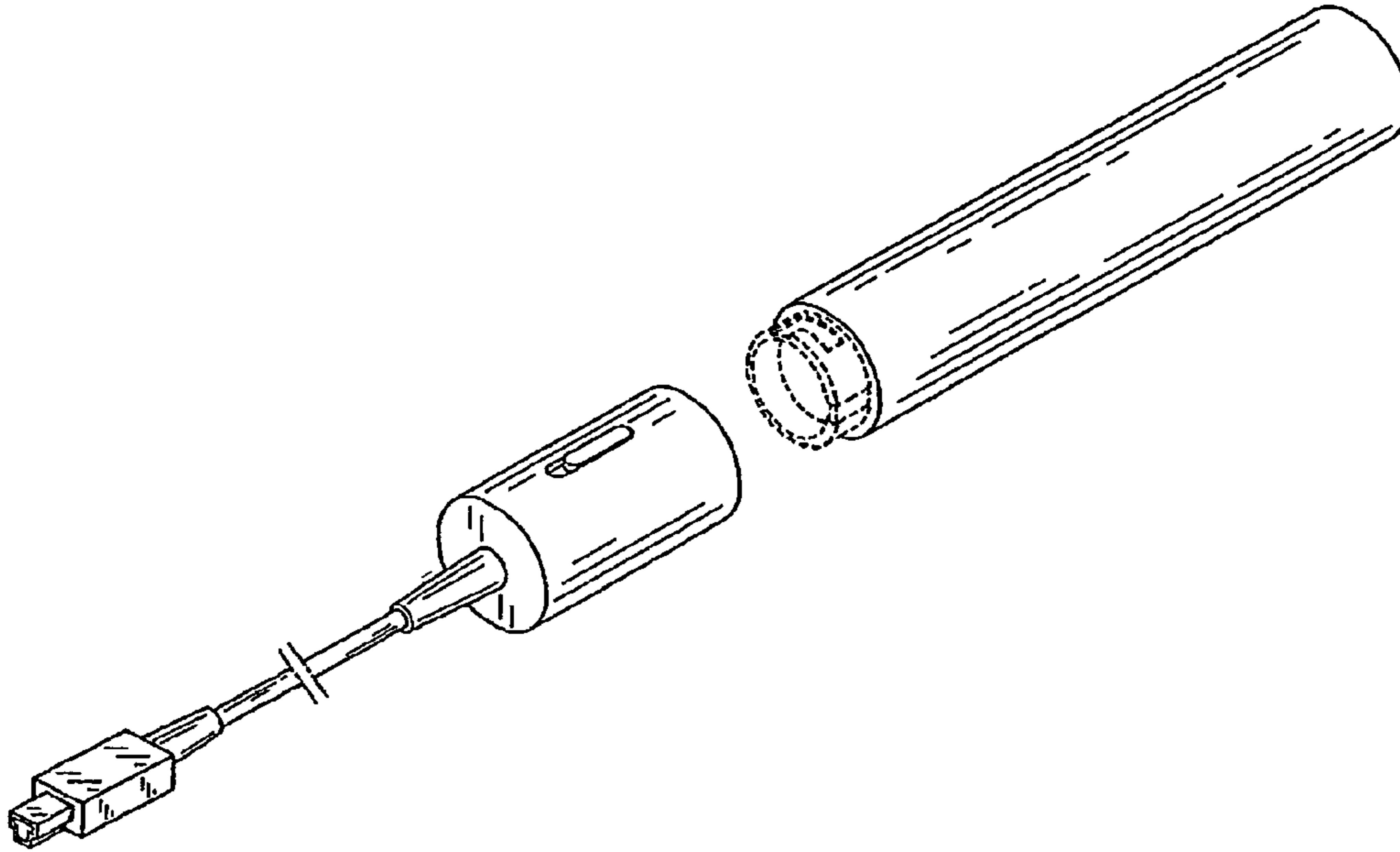


FIG. 9

