



US00D725041S

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

(10) **Patent No.:** **US D725,041 S**  
(45) **Date of Patent:** **\*\* Mar. 24, 2015**

(54) **CONNECTOR WITH ILLUMINATED REGION**

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(73) Assignee: **Microsoft Corporation**, Redmond, WA (US)

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

(21) Appl. No.: **29/483,928**

(22) Filed: **Mar. 4, 2014**

**Related U.S. Application Data**

(63) Continuation of application No. 29/450,192, filed on Mar. 15, 2013.

(51) **LOC (10) Cl.** ..... **13-03**

(52) **U.S. Cl.**  
USPC ..... **D13/146; D13/147**

(58) **Field of Classification Search**

USPC ..... D13/146, 147, 154, 184, 199; 439/350, 439/352, 439, 447, 582, 583, 607.01, 607.4, 439/607.5, 607.17, 607.25, 607.34, 607.41, 439/607.53, 660, 668, 677, 680, 892, 894  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D415,111 S	*	10/1999	Lee	.....	D13/154
D514,524 S	*	2/2006	Suckle	.....	D13/156
D629,752 S	*	12/2010	Akana et al.	.....	D13/147
D630,582 S	*	1/2011	Dai et al.	.....	D13/146
D676,812 S	*	2/2013	Smith et al.	.....	D13/146
D699,684 S	*	2/2014	Akana et al.	.....	D13/147

**OTHER PUBLICATIONS**

Grant Brunner, Apple Patent Reveals Programmable Magnetic Power Cable. Published Jan. 27, 2013 on Macgasm.net [online]. [Retrieved Oct. 29, 2013] Retrieved from Internet <URL:http://www.macgasm.net/2012/01/27/apple-patent-reveals-programmable-magnetic-power-cable/>.

\* cited by examiner

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(57) **CLAIM**

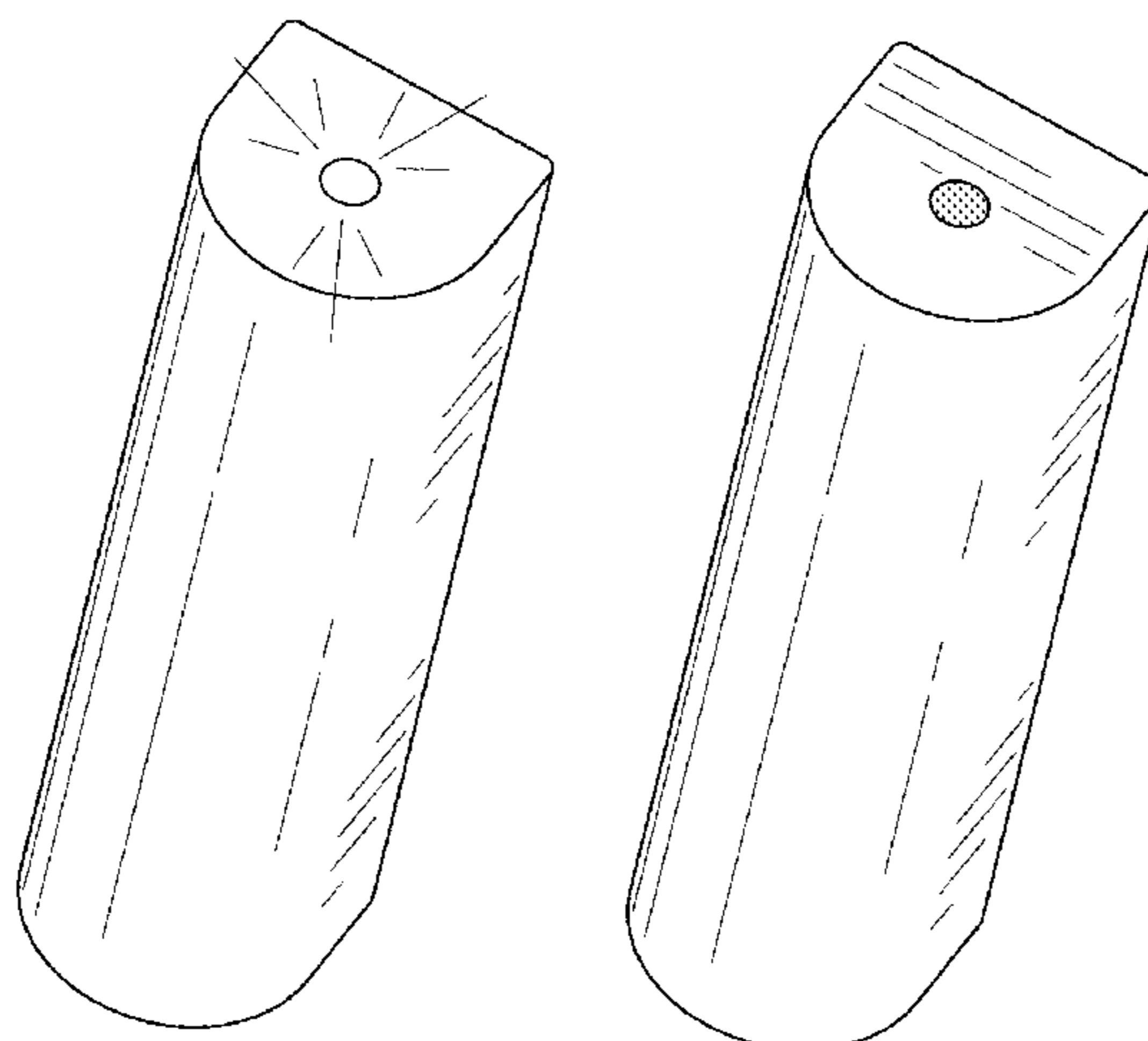
The ornamental design for a connector with illuminated region, as shown and described.

**DESCRIPTION**

FIG. 1 is a top perspective view of a connector with illuminated region showing our new design; FIG. 2 is a right side view thereof; FIG. 3 is a left side view thereof; FIG. 4 is a rear view thereof; FIG. 5 is a front view thereof; FIG. 6 is a top view thereof; FIG. 7 is a bottom view thereof; FIG. 8 is a top perspective view of the connector of FIGS. 1-7 showing the illuminated region in grayscale; FIG. 9 is a right side view thereof; FIG. 10 is a left side view thereof; FIG. 11 is a rear view thereof; FIG. 12 is a front view thereof; FIG. 13 is a top view thereof; and, FIG. 14 is a bottom view thereof.

The broken-line showing of various unshaded regions on the connector is for environmental purposes only and forms no part of the claimed design. The radiating lines emanating from the circle in FIGS. 1 and 6, and the circle shown in grayscale in FIGS. 8 and 13 represent illumination.

**1 Claim, 8 Drawing Sheets**



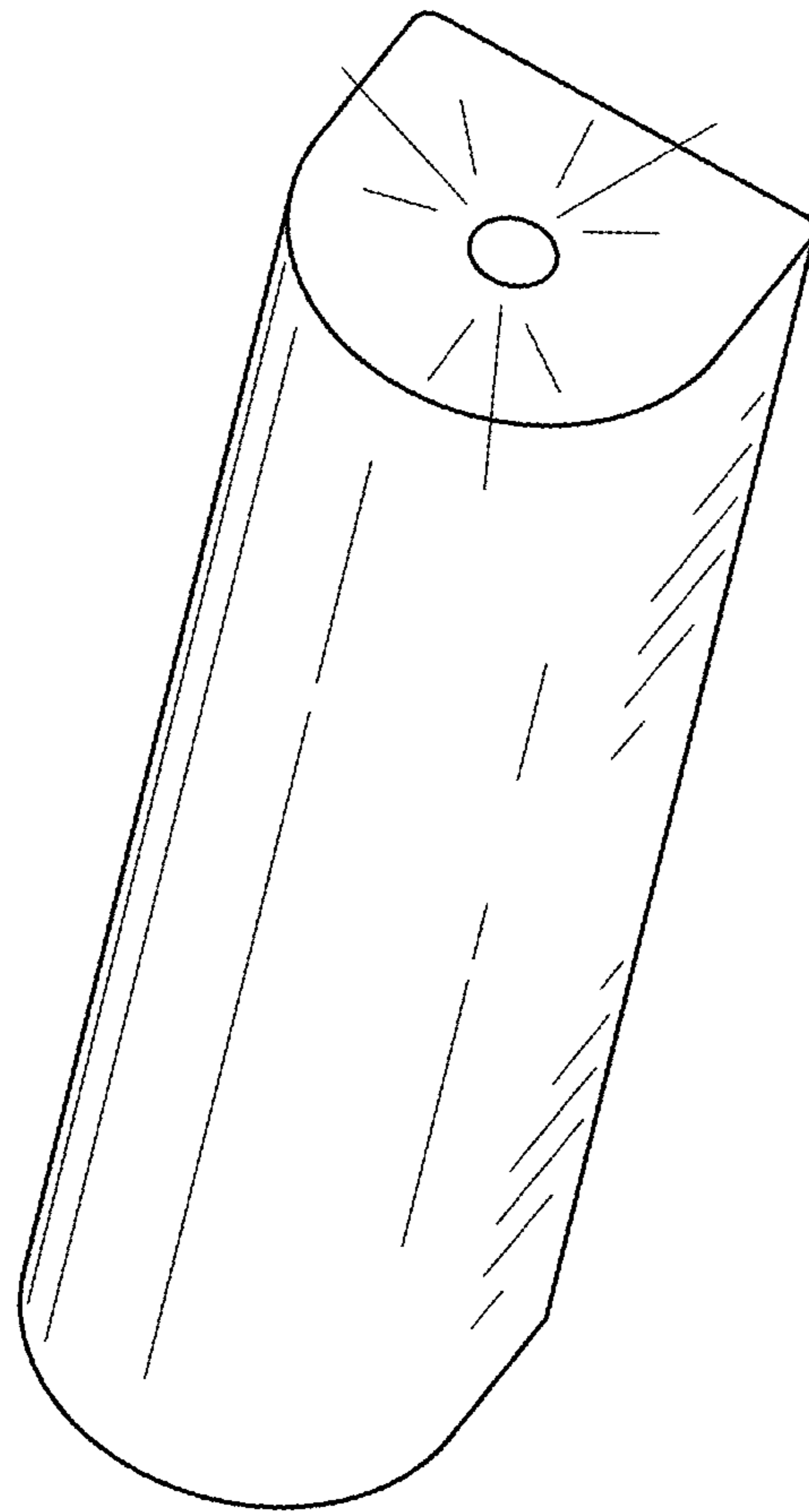


FIG. 1

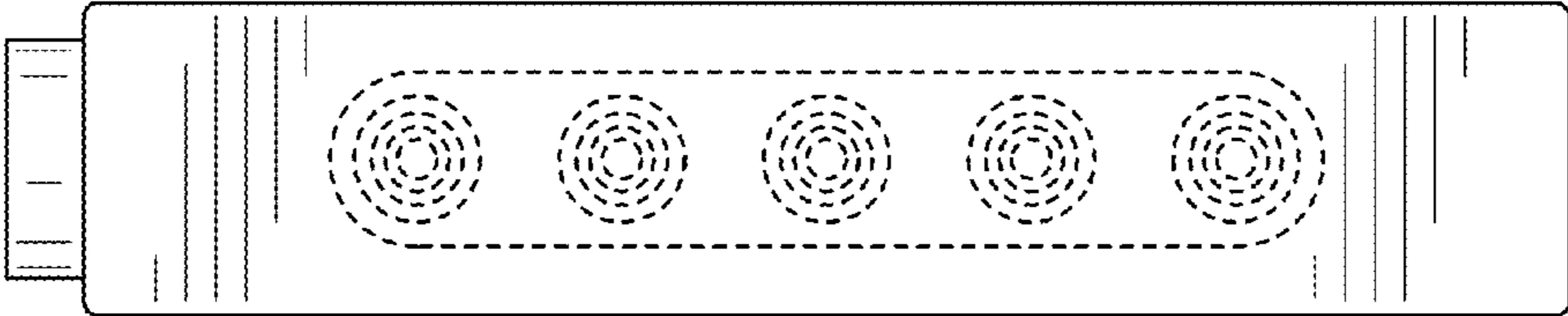


FIG. 2

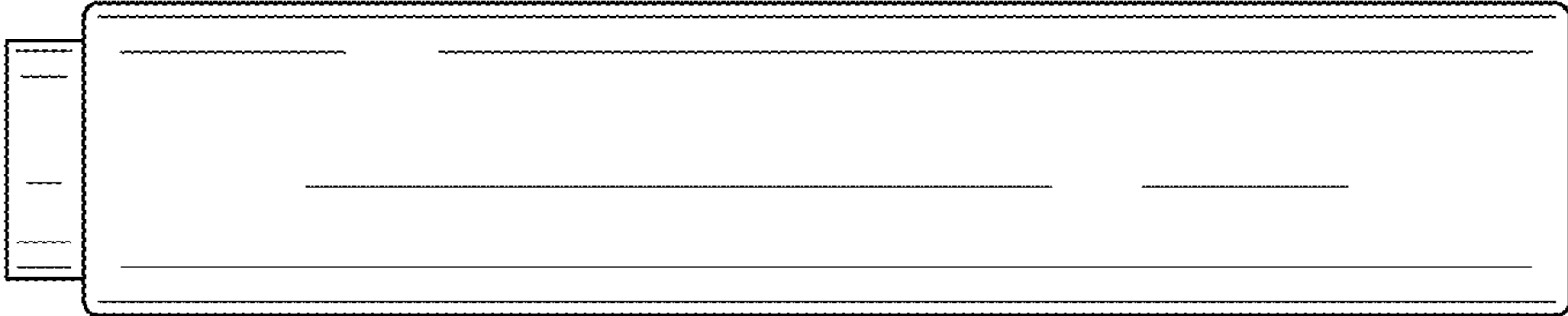


FIG. 3

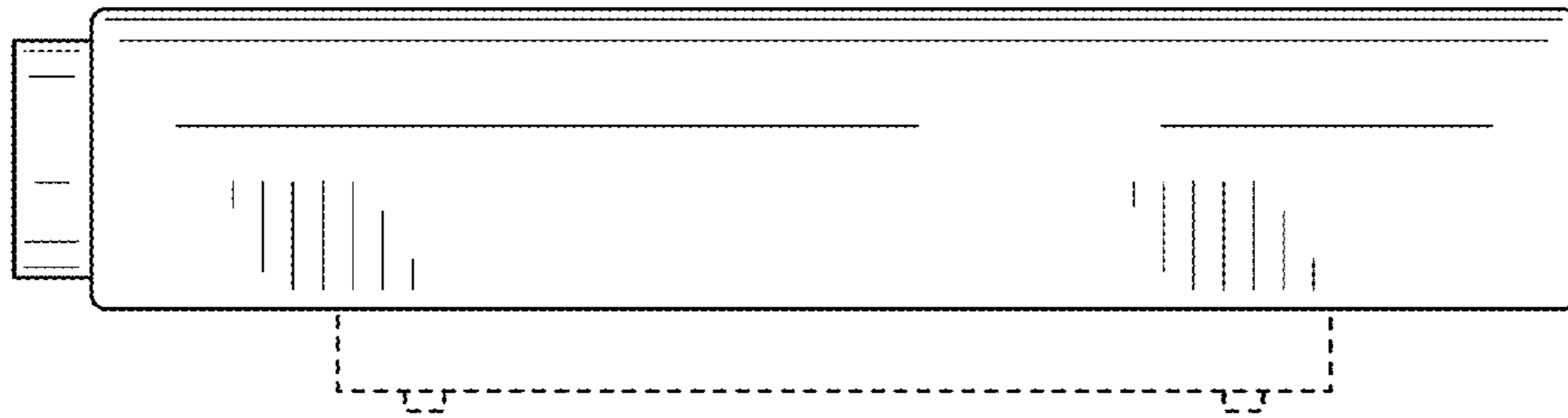


FIG. 4

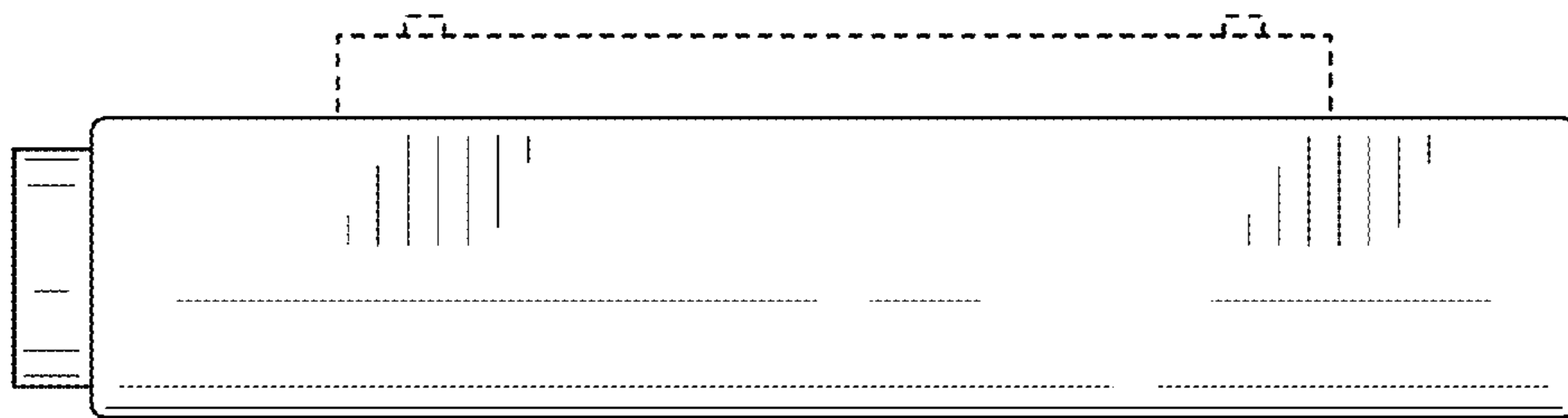


FIG. 5

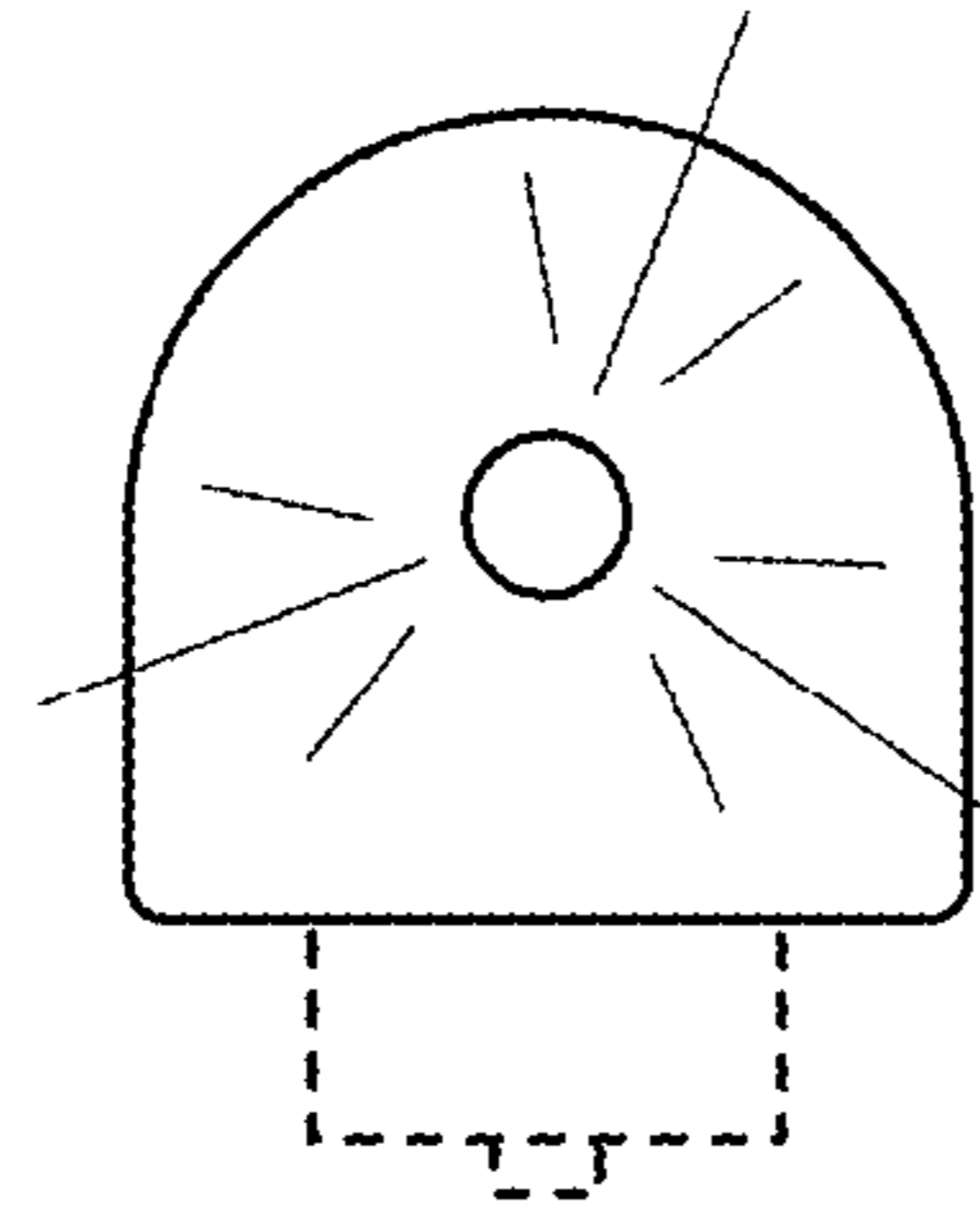


FIG. 6

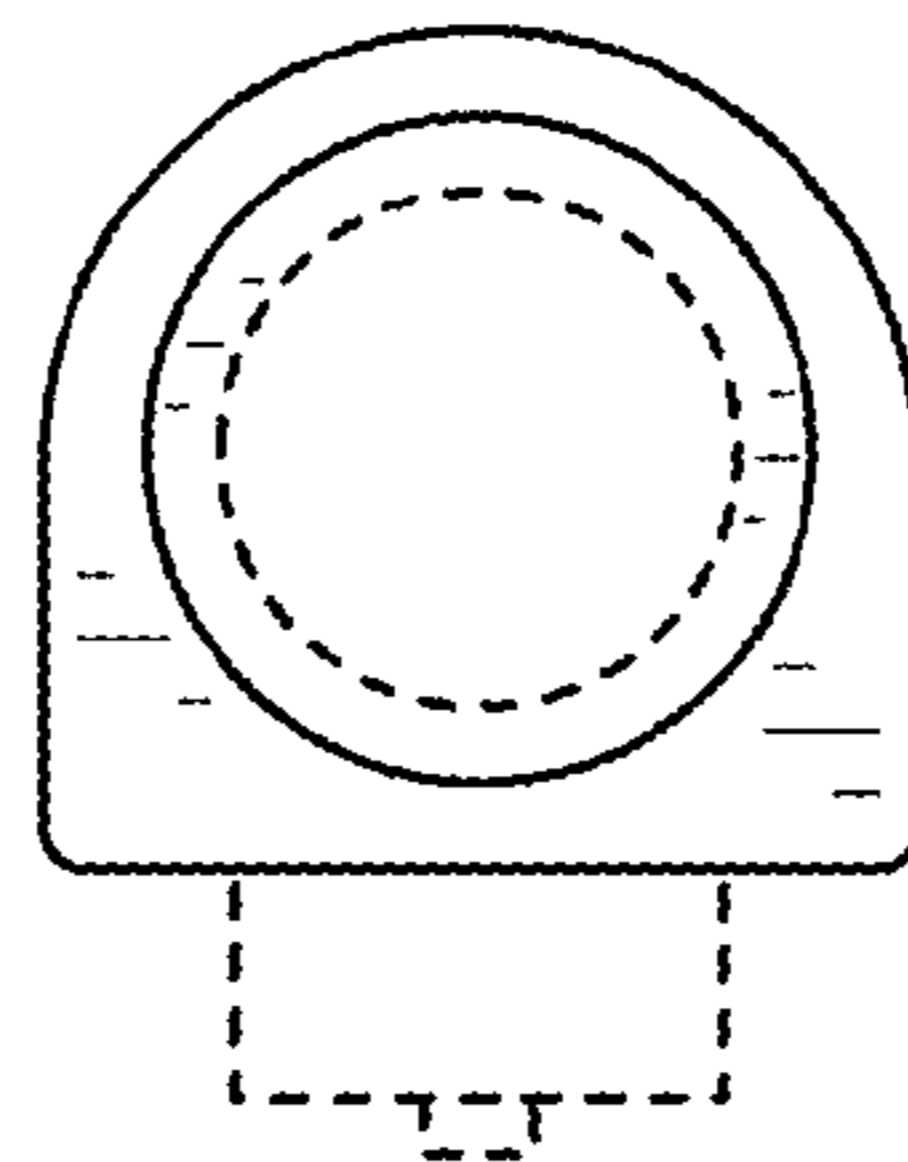


FIG. 7

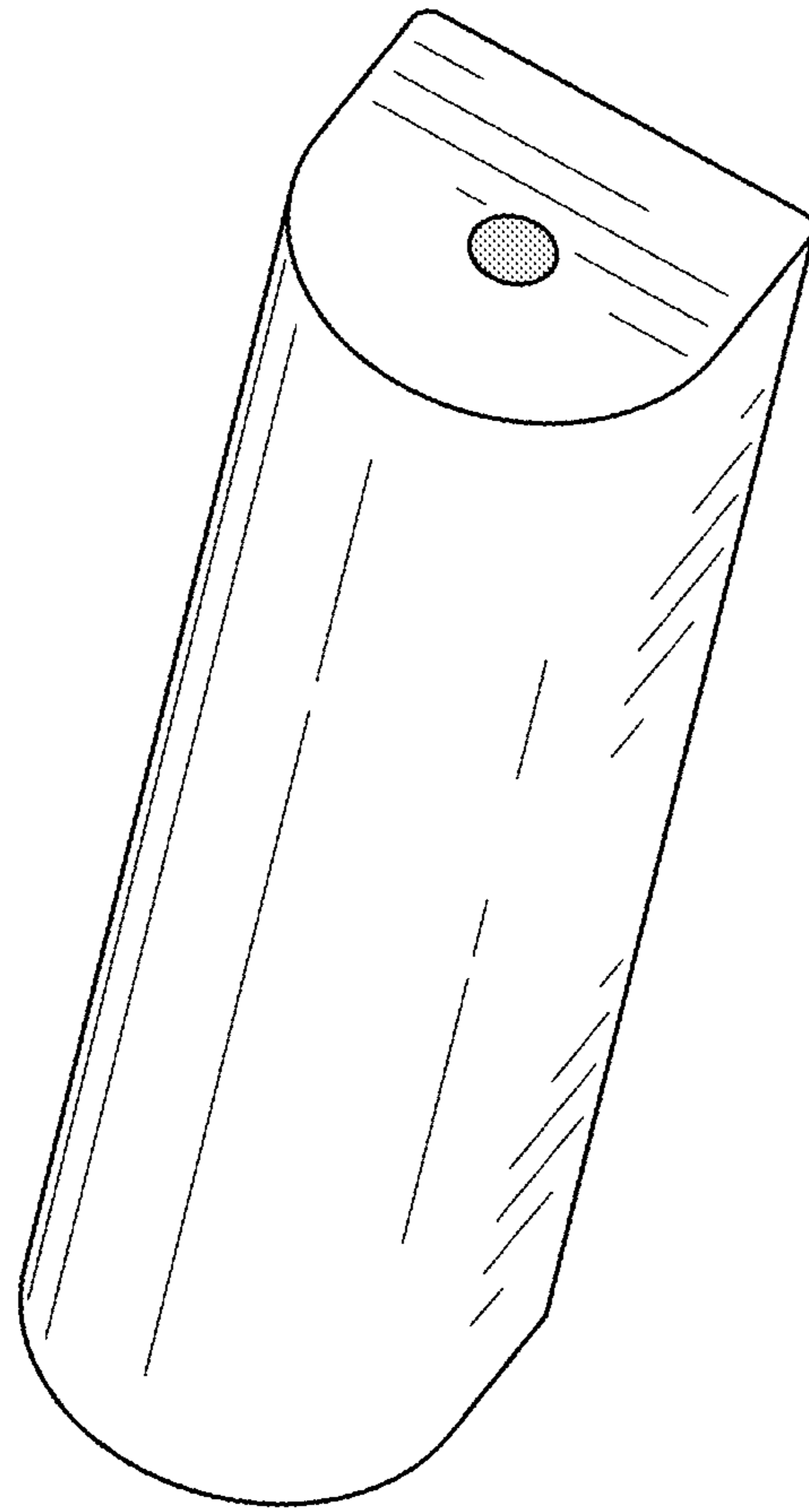


FIG. 8

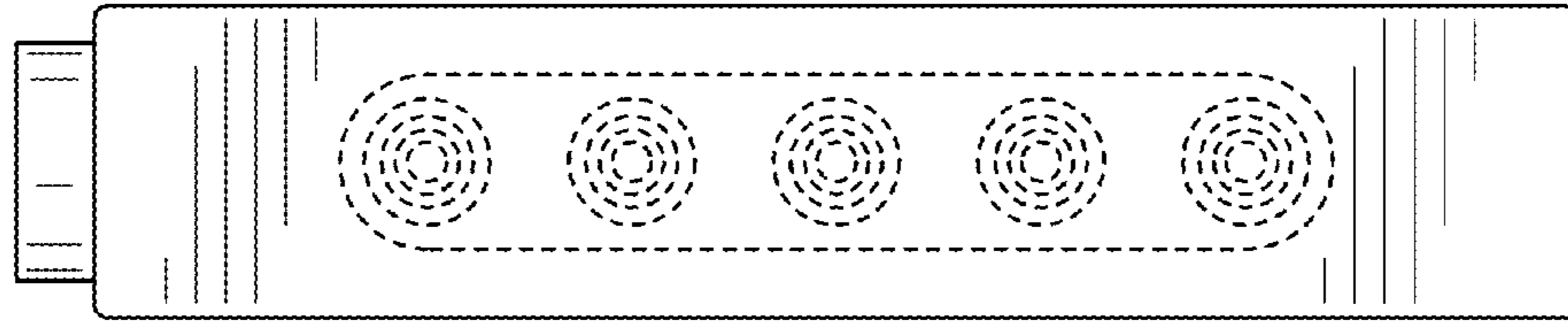


FIG. 9

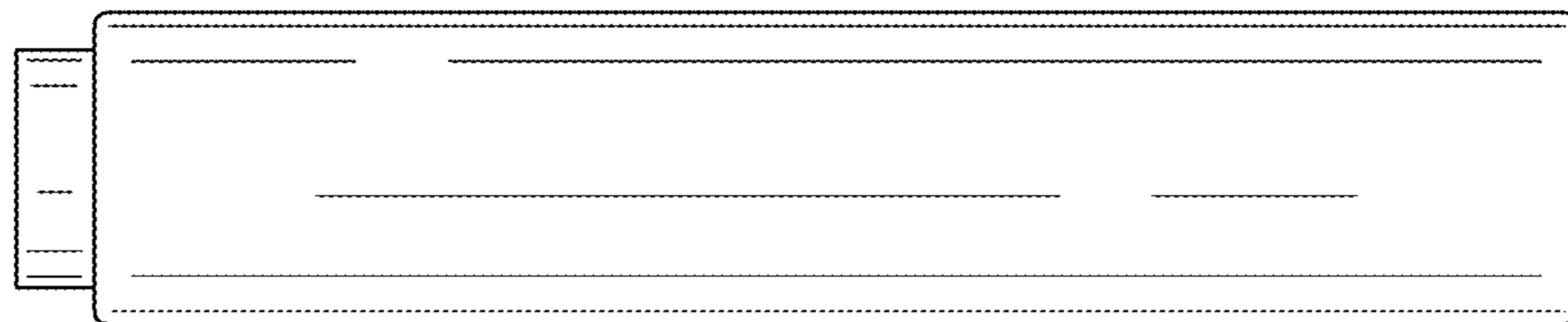


FIG. 10

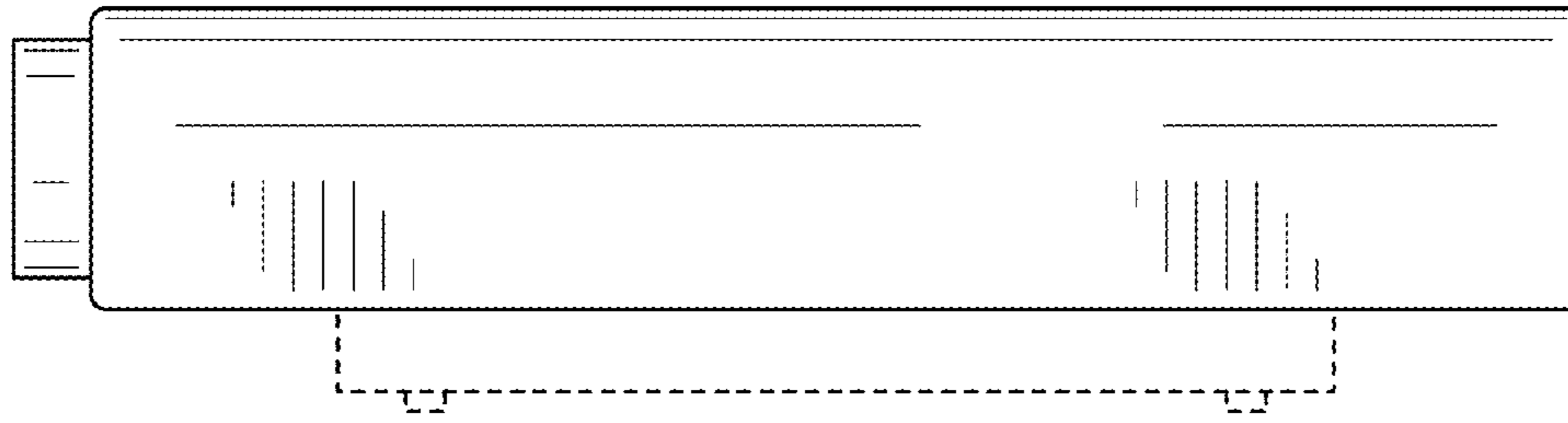


FIG. 11

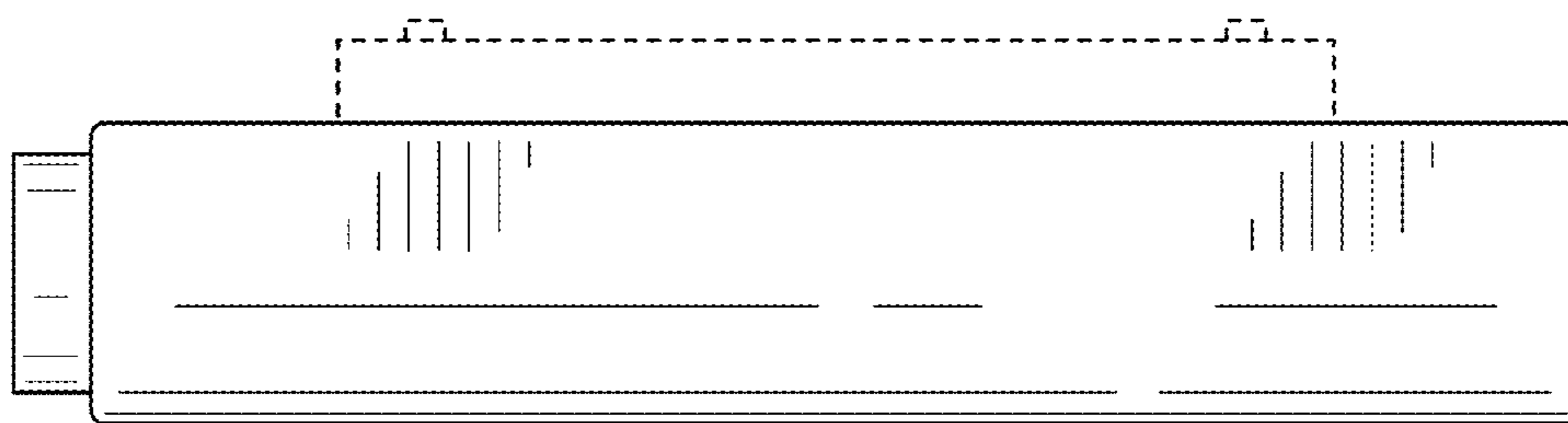


FIG. 12



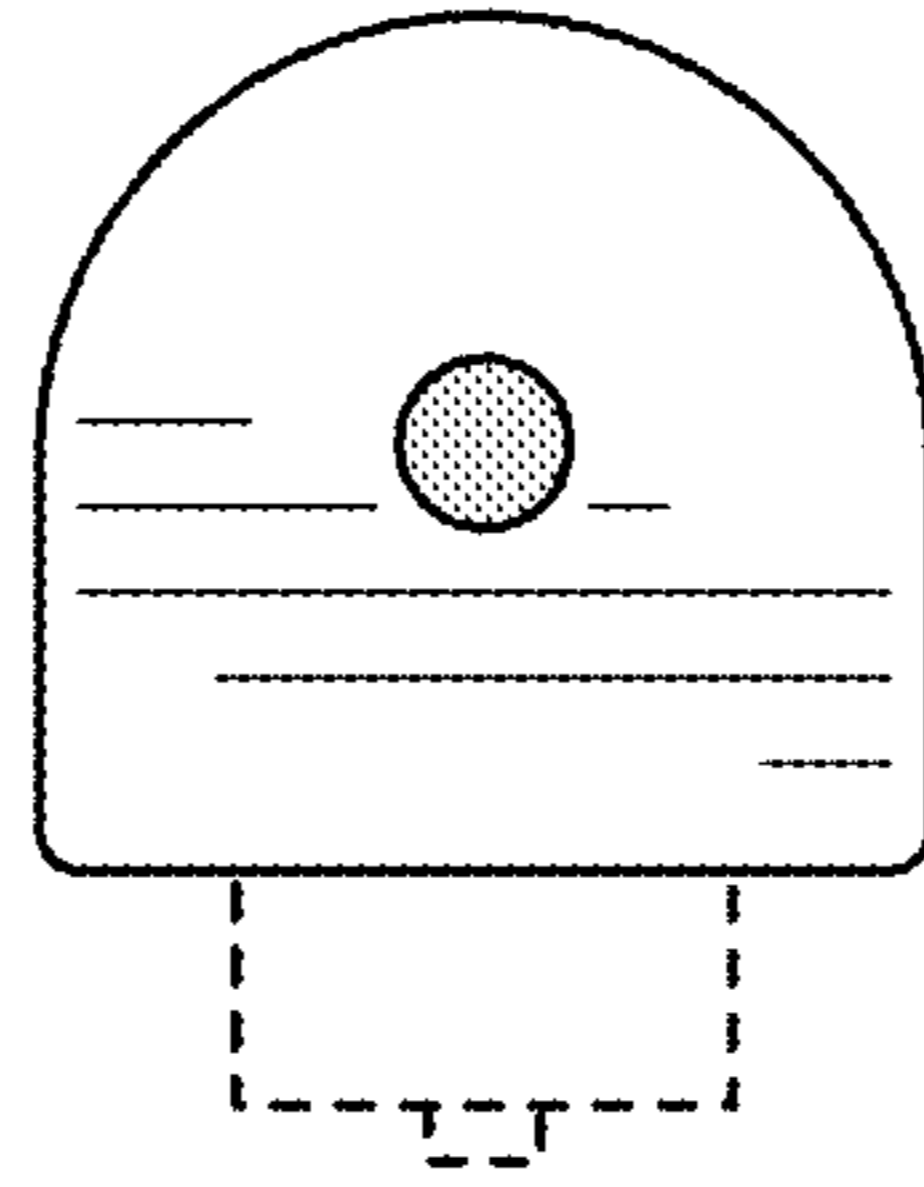


FIG. 13

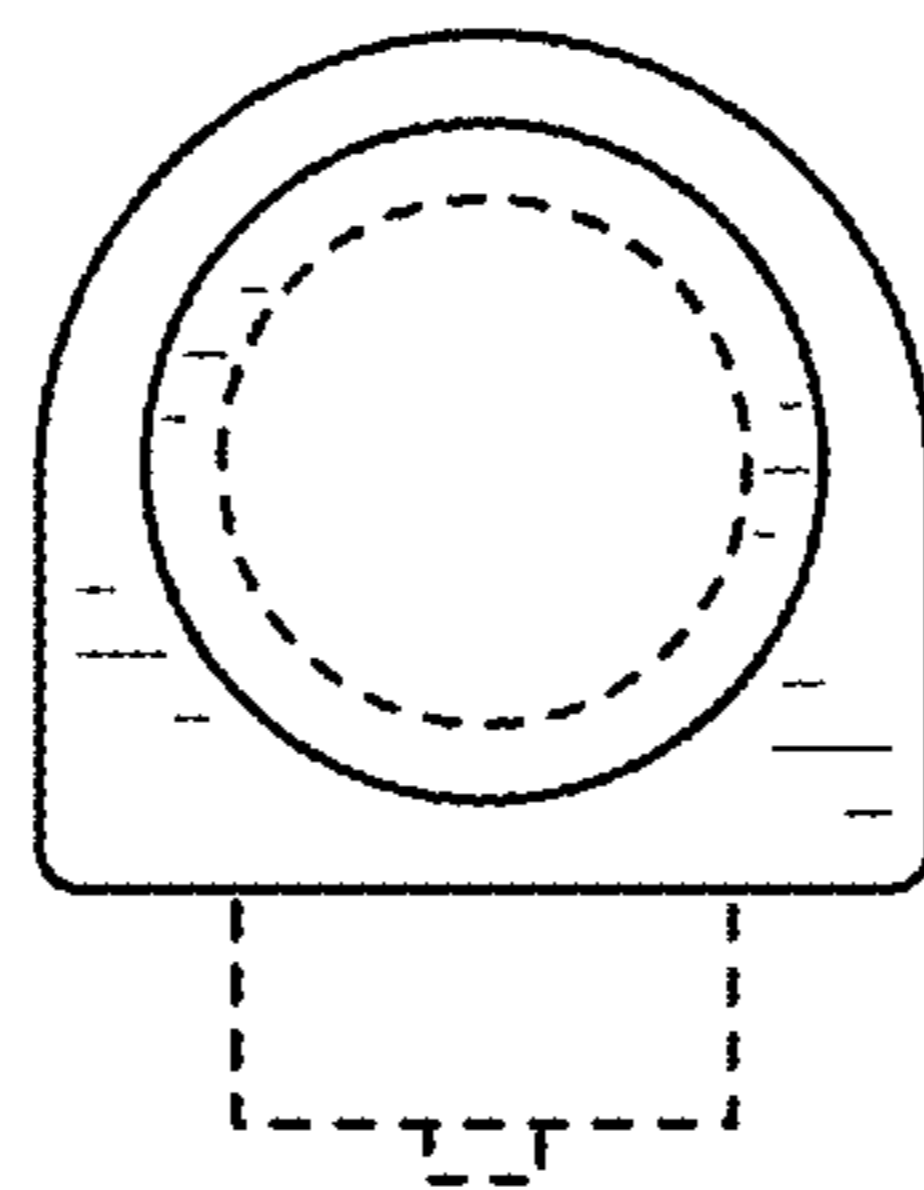


FIG. 14