



US00D746234S

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

(10) **Patent No.:** **US D746,234 S**

(45) **Date of Patent:** **\*\* Dec. 29, 2015**

(54) **RECONFIGURABLE PLUG STRIP**

(71) Applicant: **Quirky, Inc.**, New York, NY (US)

(72) Inventors: **Jacob Daniel Zien**, New York, NY (US);  
**Jordan Dialto**, New York, NY (US);  
**Kate Sarah Vallon**, Suffern, NY (US)

(73) Assignee: **Quirky Incorporated**, New York, NY (US)

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

(21) Appl. No.: **29/445,582**

(22) Filed: **Feb. 13, 2013**

**Related U.S. Application Data**

(60) Division of application No. 29/428,468, filed on Jul. 31, 2012, now Pat. No. Des. 677,630, which is a division of application No. 29/394,436, filed on Jun. 16, 2011, now Pat. No. Des. 667,795, which is a continuation of application No. 13/095,167, filed on Apr. 27, 2011, now Pat. No. 8,262,399.

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

(52) **U.S. Cl.**  
USPC ..... **D13/139.8**

(58) **Field of Classification Search**  
USPC ..... D13/137.1, 137.2, 137.3, 137.4, 138.1,  
D13/138.2, 139.1, 139.2, 139.3, 139.4,  
D13/139.5, 139.6, 139.7, 139.8, 101, 110,  
D13/123, 107, 108, 133, 154, 184, 199  
CPC ..... H01R 13/514; H01R 25/003  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

2,134,355 A 7/1934 Caldwell  
3,437,976 A 4/1969 Nelson

(Continued)

**FOREIGN PATENT DOCUMENTS**

DE 20313536 12/2003  
DE 102005046465 4/2007  
EP 0702433 3/1996

**OTHER PUBLICATIONS**

International Search Report for International Application No. PCT/US2011/051522, mailed Feb. 28, 2012.

(Continued)

*Primary Examiner* — Angela J Lee

(74) *Attorney, Agent, or Firm* — Cooley LLP

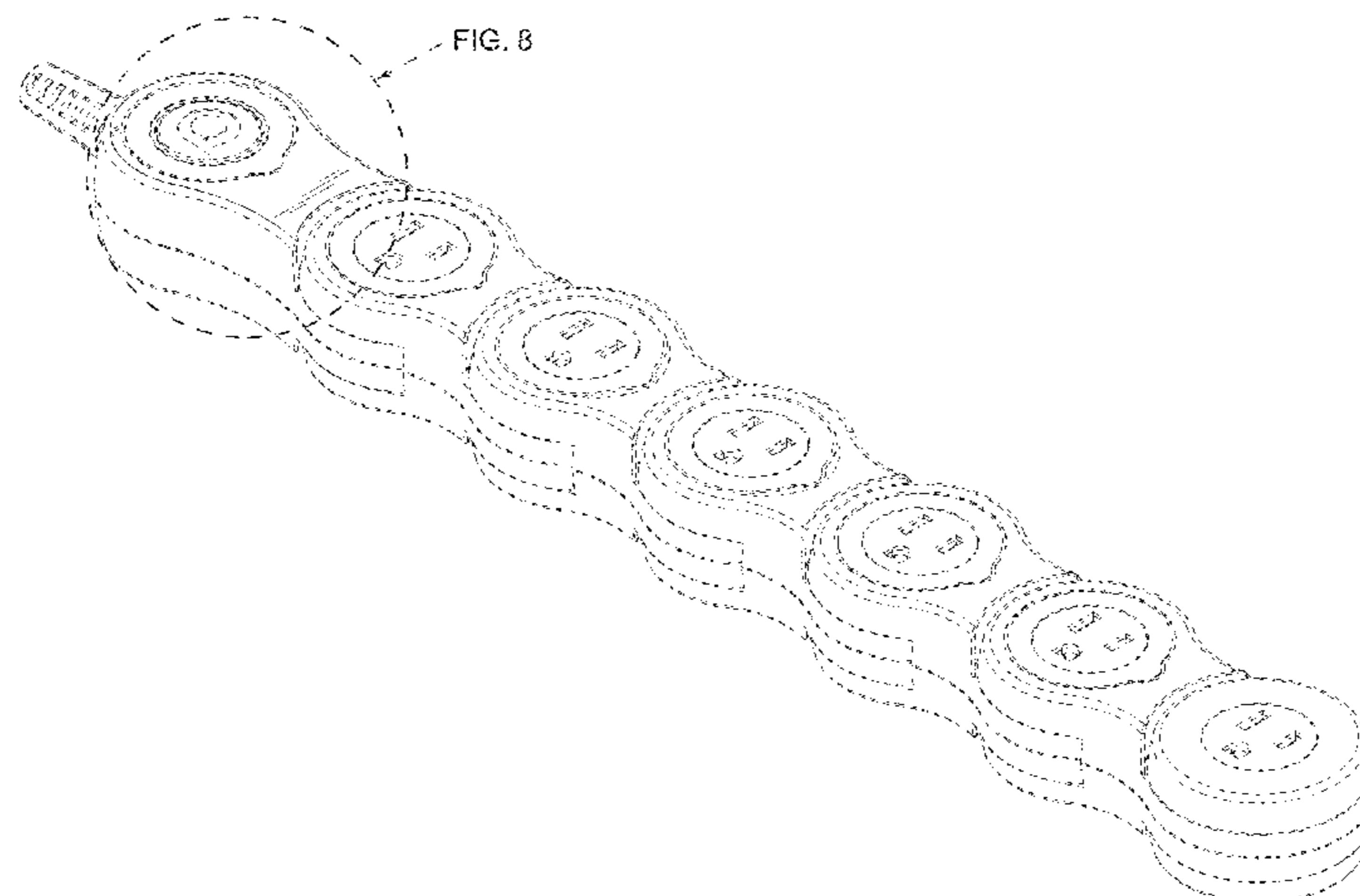
(57) **CLAIM**

The ornamental design for a reconfigurable plug strip, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a first embodiment of the first configuration of a reconfigurable plug strip;  
FIG. 2 is a top view thereof;  
FIG. 3 is a bottom view thereof;  
FIG. 4 is front view thereof;  
FIG. 5 is a back view thereof;  
FIG. 6 left side view thereof;  
FIG. 7 is a right side view thereof; and  
FIG. 8 is an enlarged front perspective view of the portion of FIG. 1 identified by the line 8.  
FIG. 9 is a front perspective view of a second embodiment of the first configuration of a reconfigurable plug strip;  
FIG. 10 is a top view thereof;  
FIG. 11 is a bottom view thereof;  
FIG. 12 is front view thereof;  
FIG. 13 is a back view thereof;  
FIG. 14 left side view thereof;  
FIG. 15 is a right side view thereof; and,  
FIG. 16 is an enlarged front perspective view of the portion of FIG. 1 identified by the line 16.  
The broken lines immediately adjacent the shaded areas represent the bounds of the claimed design while all other broken lines are directed to environment and are for illustrative purposes only; the broken lines form no part of the claimed design.

**1 Claim, 10 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

3,771,106 A 11/1973 Matsumoto et al.  
 3,951,487 A 4/1976 Waldbrook  
 4,583,798 A 4/1986 Blazowich  
 5,292,257 A 3/1994 Milan  
 5,484,299 A 1/1996 Schlessinger  
 D381,315 S 7/1997 Harold  
 5,658,158 A \* 8/1997 Milan ..... 439/214  
 D401,220 S 11/1998 Dwight et al.  
 5,902,140 A 5/1999 Cheung et al.  
 5,967,815 A 10/1999 Schlessinger et al.  
 D416,860 S 11/1999 Seiwert et al.  
 6,068,490 A 5/2000 Salzberg  
 6,196,851 B1 3/2001 Gerard et al.  
 6,229,107 B1 5/2001 Flint et al.  
 D445,403 S 7/2001 Veino et al.  
 6,786,743 B2 9/2004 Huang  
 6,793,499 B1 9/2004 Chen  
 6,862,403 B2 3/2005 Pedrotti et al.  
 D507,237 S 7/2005 Gregory  
 D514,067 S 1/2006 Lee  
 7,125,256 B2 10/2006 Gerard  
 7,238,028 B2 7/2007 Gerard  
 7,247,028 B2 7/2007 Schriefer  
 7,255,582 B1 8/2007 Liao  
 7,264,514 B2 9/2007 Hsu et al.  
 7,278,878 B2 10/2007 Draggie et al.  
 D556,689 S 12/2007 Lee et al.  
 7,311,533 B1 12/2007 Lin et al.  
 7,435,091 B1 10/2008 Cruz  
 7,488,204 B2 2/2009 Hsu  
 7,500,854 B2 3/2009 Gottstein  
 7,510,420 B2 3/2009 Mori  
 D597,948 S 8/2009 Bizzell  
 7,753,682 B2 7/2010 Gerard  
 7,771,239 B1 8/2010 Hsiao  
 7,811,136 B1 10/2010 Hsieh et al.  
 7,824,185 B2 11/2010 Chien  
 7,874,856 B1 \* 1/2011 Schriefer et al. .... 439/214  
 D633,045 S 2/2011 Cullen et al.

D640,199 S 6/2011 Wilson  
 8,011,930 B2 9/2011 Lee et al.  
 8,025,527 B1 9/2011 Draggie et al.  
 D651,174 S 12/2011 Le Clair  
 8,118,616 B1 2/2012 Clark  
 8,157,574 B2 4/2012 Hsiao  
 D667,795 S 9/2012 Zien et al.  
 8,262,399 B1 9/2012 Zien et al.  
 D677,630 S 3/2013 Zien et al.  
 D725,032 S \* 3/2015 Demirjian et al. .... D13/107  
 2002/0002593 A1 \* 1/2002 Ewing et al. .... 709/212  
 2005/0032396 A1 2/2005 Huang  
 2006/0068608 A1 3/2006 McFadden  
 2006/0234561 A1 10/2006 Tanaka  
 2007/0178756 A1 8/2007 Schriefer et al.  
 2011/0084660 A1 4/2011 McSweyn  
 2011/0097914 A1 4/2011 Lee et al.  
 2011/0207351 A1 8/2011 Hsiao  
 2013/0023147 A1 1/2013 Zien et al.  
 2013/0102174 A1 4/2013 Brown et al.  
 2013/0102194 A1 \* 4/2013 Long et al. .... 439/620.21  
 2013/0300201 A1 \* 11/2013 Wu ..... 307/82  
 2014/0057488 A1 \* 2/2014 Hsu ..... 439/534  
 2014/0098445 A1 \* 4/2014 Hooper ..... 361/42  
 2014/0187079 A1 \* 7/2014 Zien et al. .... 439/490  
 2014/0220813 A1 \* 8/2014 Nguyen ..... 439/445  
 2014/0256187 A1 \* 9/2014 Myong ..... 439/652  
 2014/0273567 A1 \* 9/2014 Huang et al. .... 439/157  
 2014/0292289 A1 \* 10/2014 Gelonese ..... 323/234

OTHER PUBLICATIONS

Office Action for Chinese Application No. 201220035403.6, dated Jul. 18, 2012.  
 Office Action for Chinese Application No. 201320033486.X, dated Jun. 5, 2013.  
 Office Action for U.S. Appl. No. 13/568,833, mailed Feb. 8, 2013.  
 Office Action for U.S. Appl. No. 13/277,764, mailed Mar. 25, 2013.  
 Office Action for U.S. Appl. No. 29/397,199, mailed Jun. 6, 2013.  
 International Search Report and Written Opinion for International Application No. PCT/US2012/053871, mailed Nov. 29, 2012.

\* cited by examiner

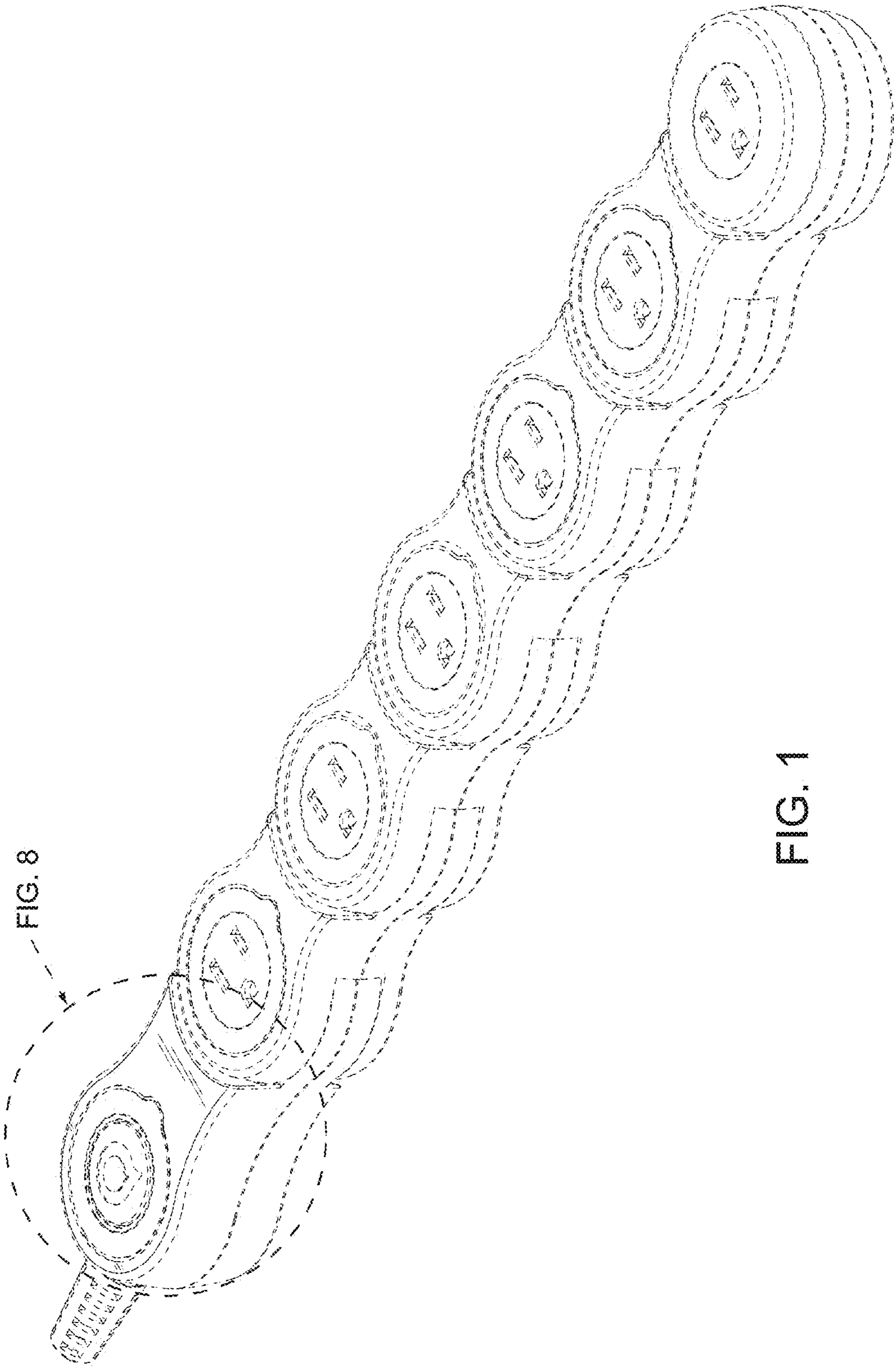


FIG. 8

FIG. 1

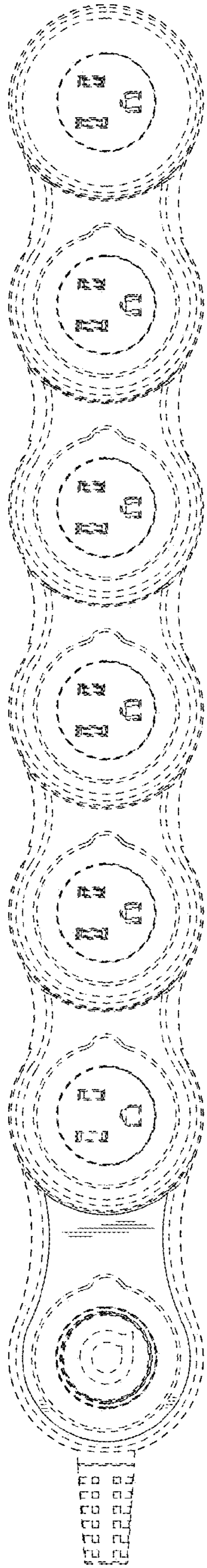


FIG. 2

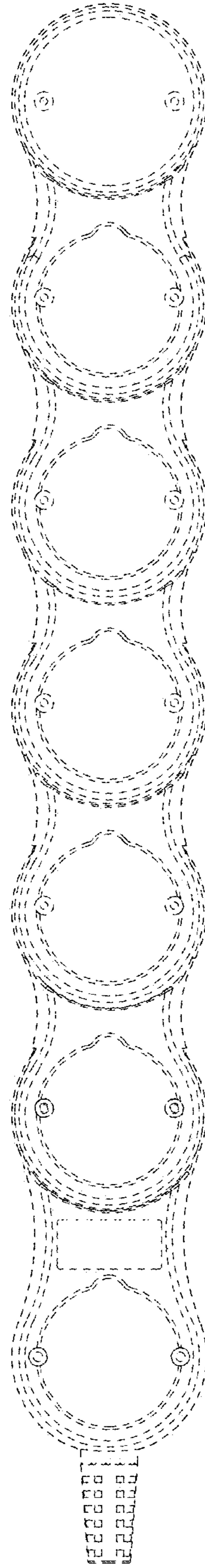


FIG. 3

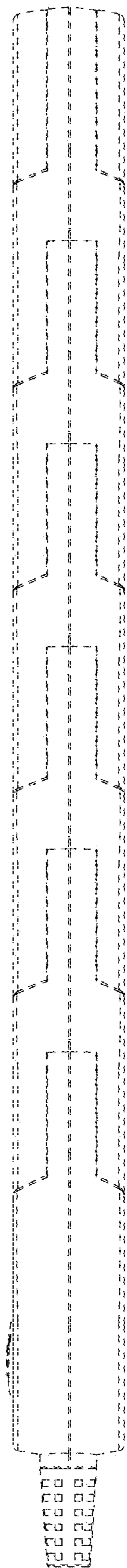


FIG. 4

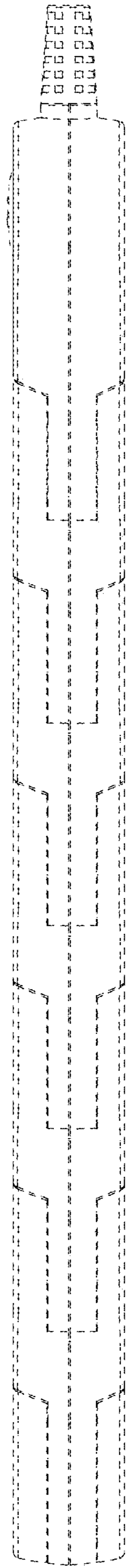


FIG. 5

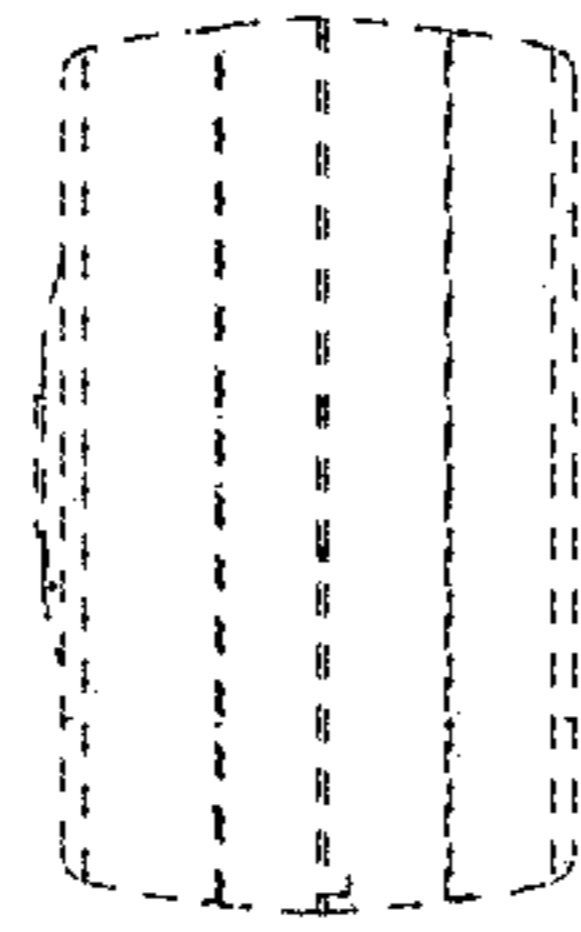


FIG. 7

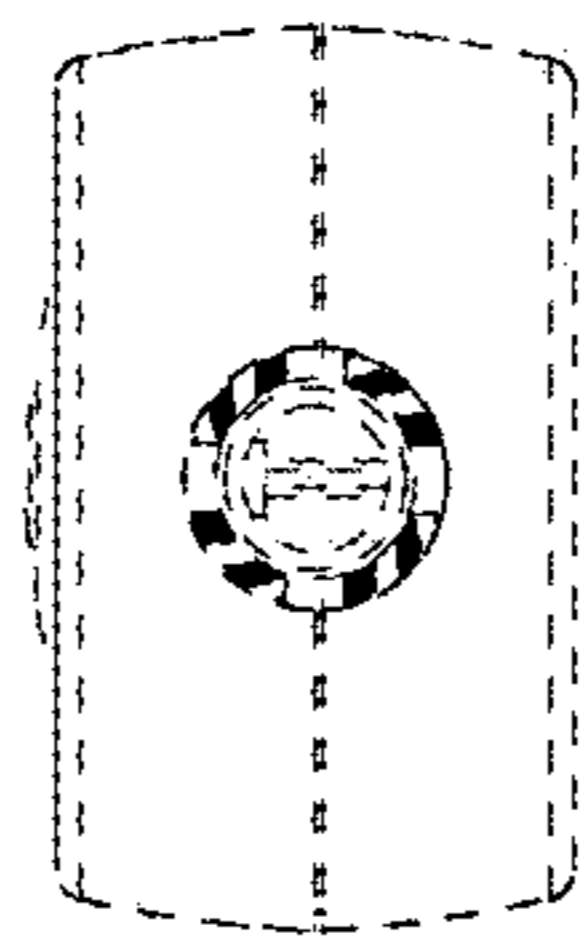


FIG. 6

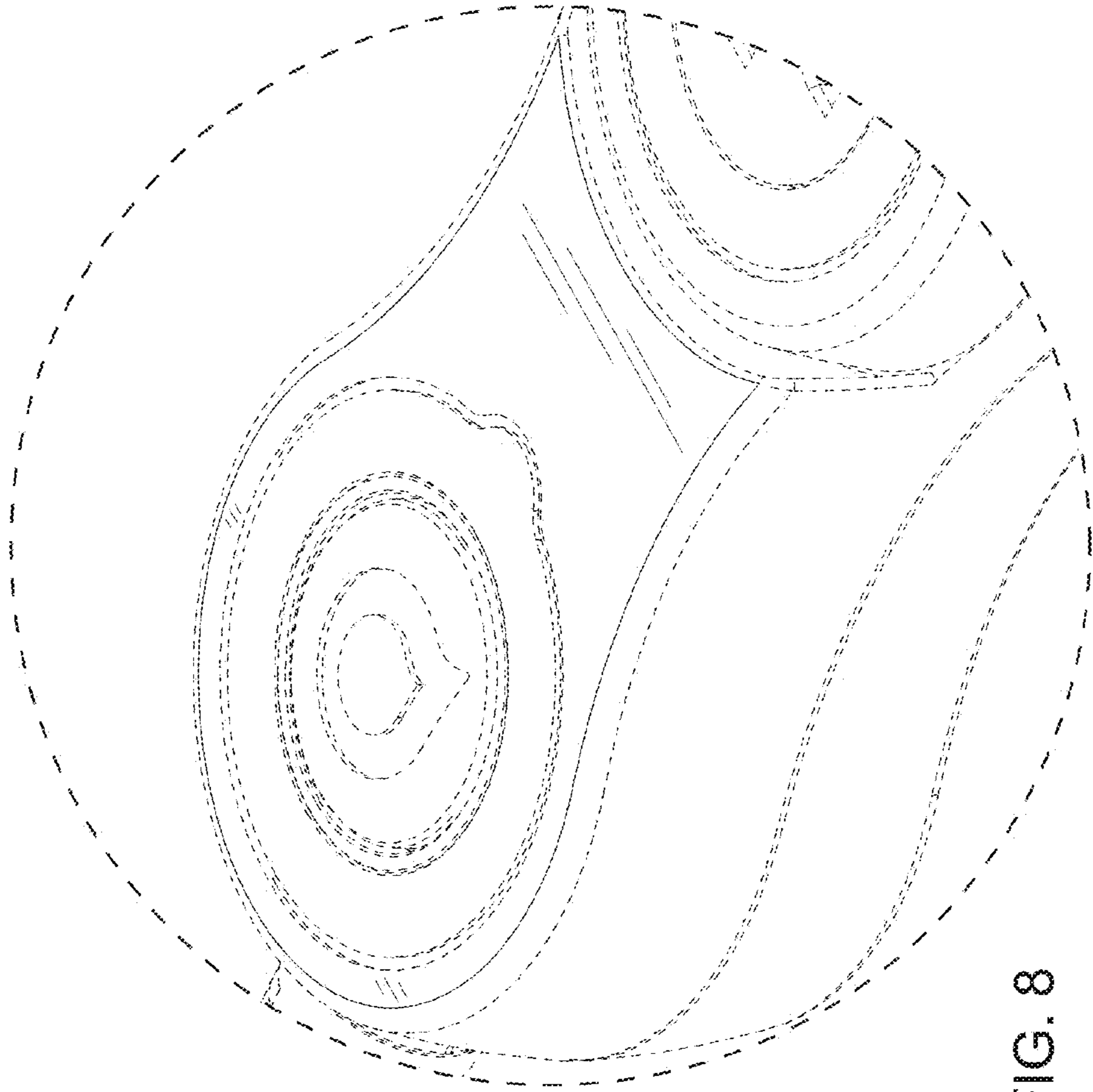


FIG. 8

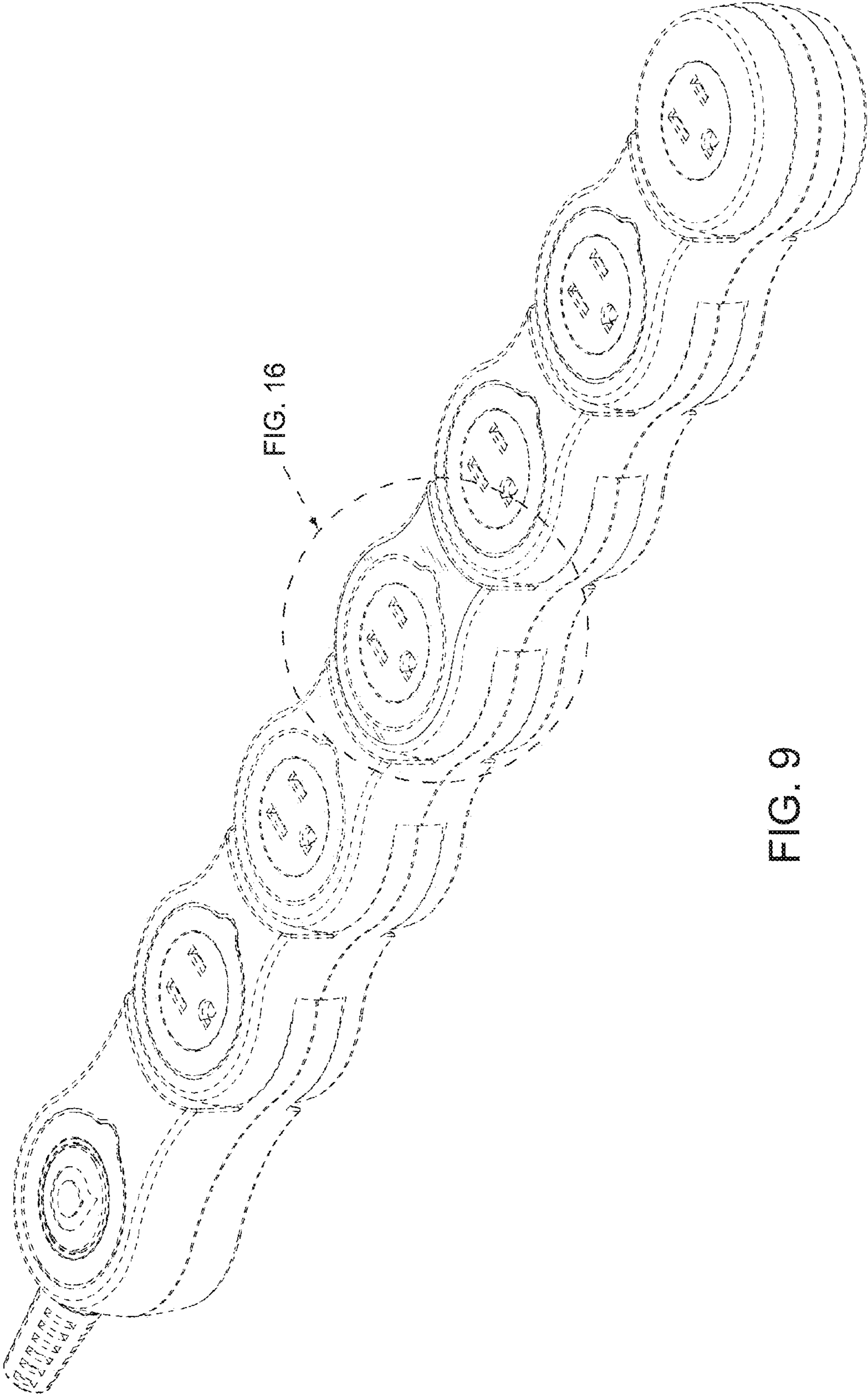


FIG. 16

FIG. 9



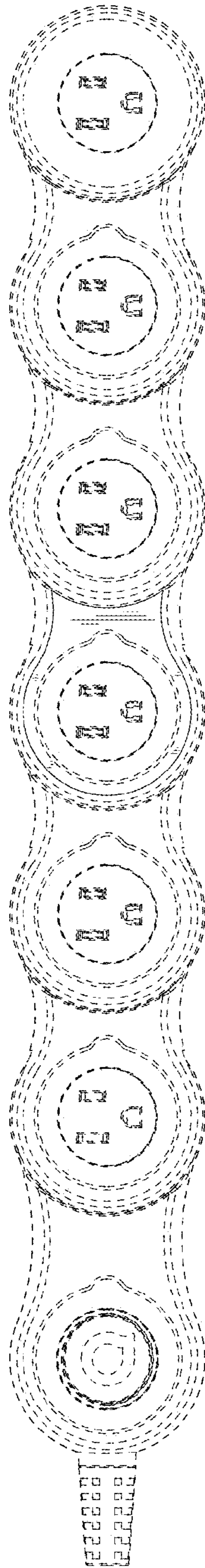


FIG. 10

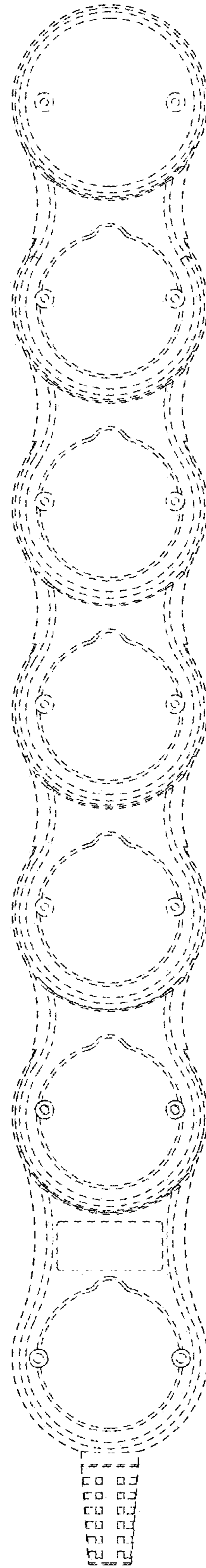


FIG. 11

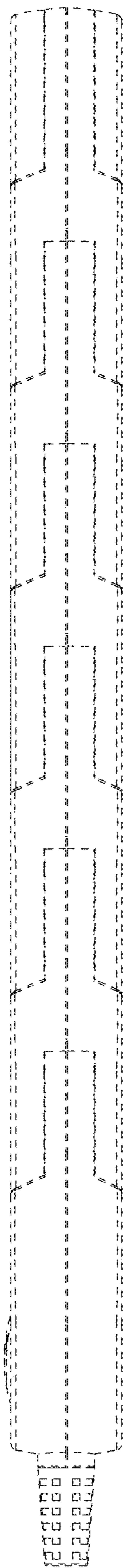


FIG. 12

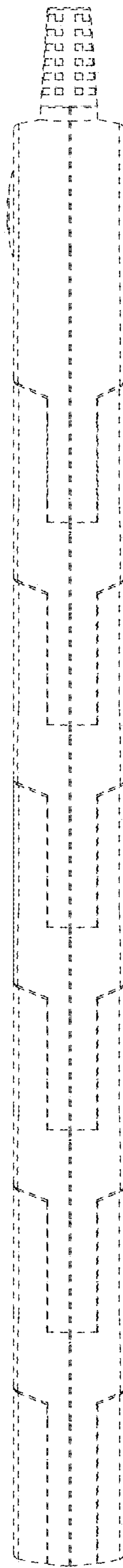


FIG. 13

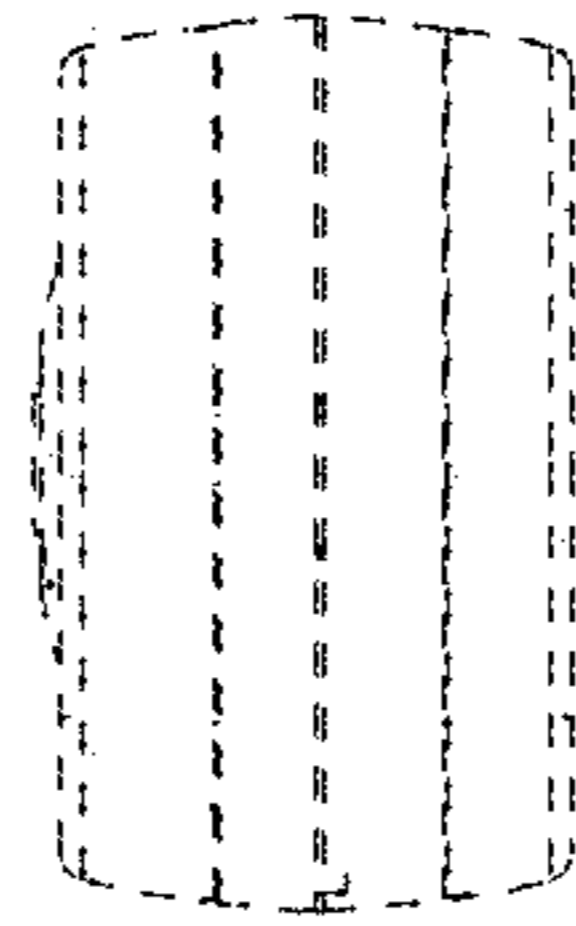


FIG. 15

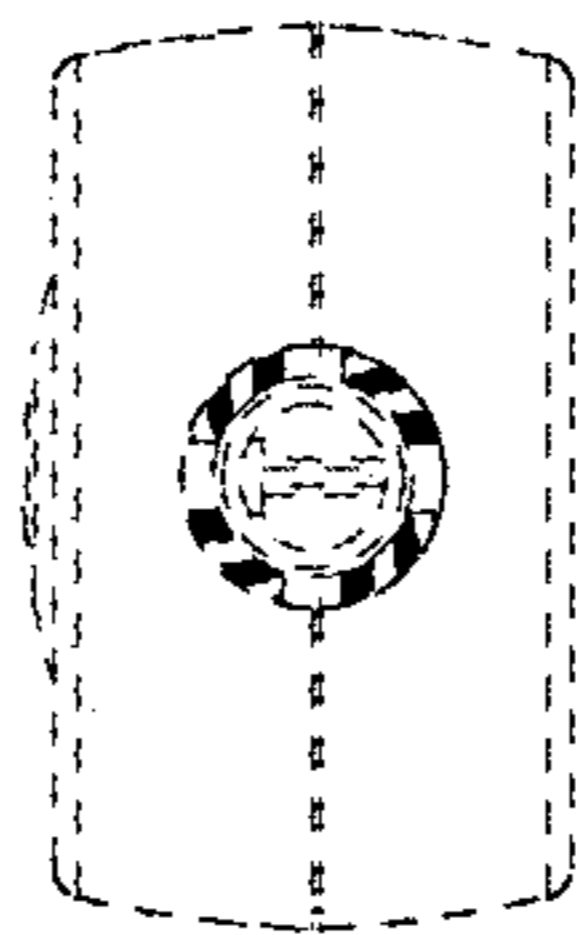


FIG. 14

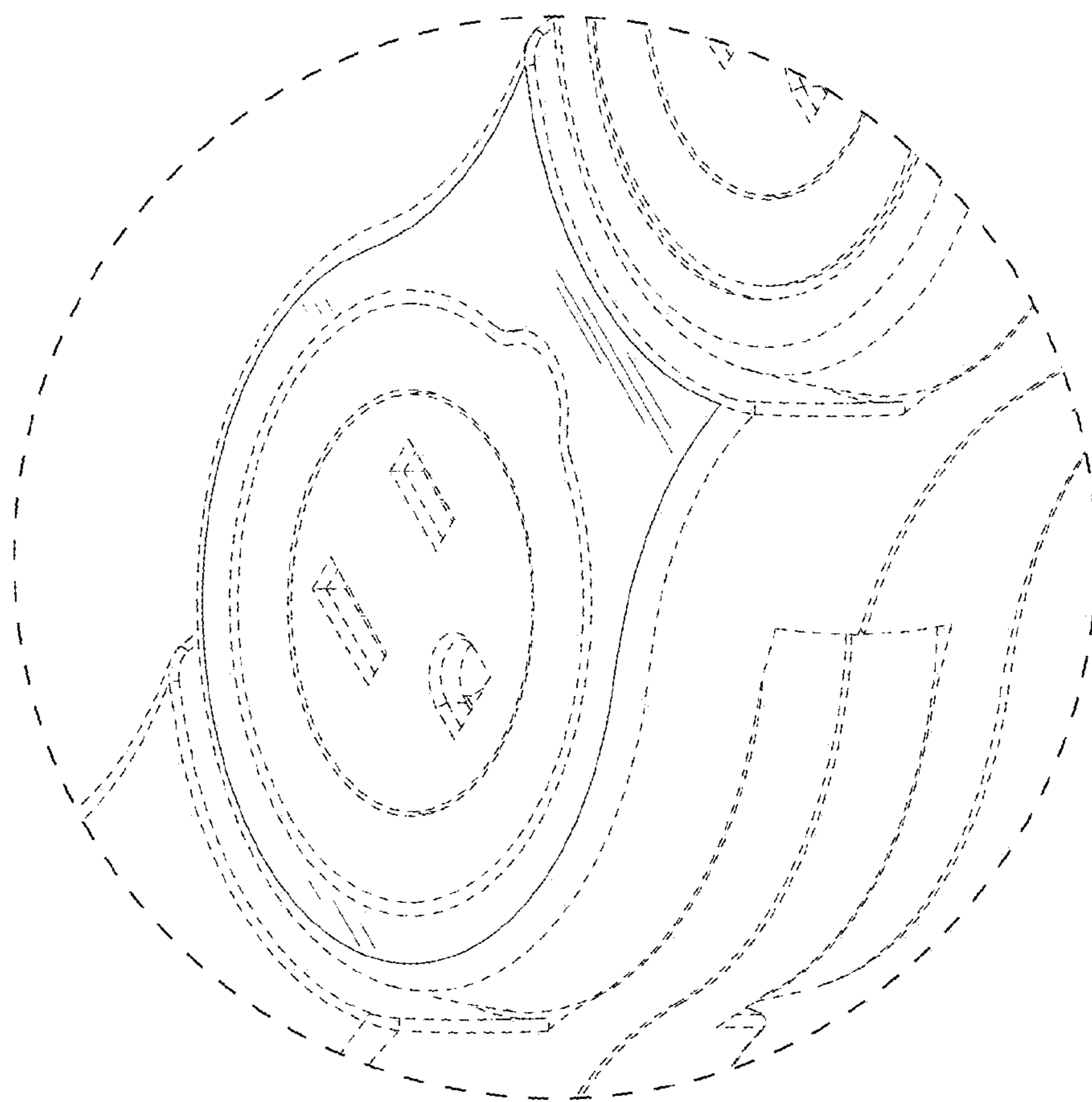


FIG. 16