



US00D738471S

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

(10) **Patent No.:** **US D738,471 S**  
(45) **Date of Patent:** **\*\* Sep. 8, 2015**

(54) **FEMALE HOSE COUPLING**

- (71) Applicants: **Michael Melo**, Pawtucket, RI (US);  
**Mark Buchan**, Pawtucket, RI (US);  
**David Vaz**, Pawtucket, RI (US)
- (72) Inventors: **Michael Melo**, Pawtucket, RI (US);  
**Mark Buchan**, Pawtucket, RI (US);  
**David Vaz**, Pawtucket, RI (US)
- (73) Assignee: **Teknor Apex Company**, Pawtucket, RI (US)
- (\*\*) Term: **14 Years**
- (21) Appl. No.: **29/472,364**
- (22) Filed: **Nov. 12, 2013**
- (51) **LOC (10) Cl.** ..... **23-01**
- (52) **U.S. Cl.**  
USPC ..... **D23/262**
- (58) **Field of Classification Search**  
USPC ..... D23/262, 265, 393, 269, 260; D13/154,  
D13/133, 151; D8/397; 285/248, 222.5, 52,  
285/86, 322; 439/578, 321; 81/121.1; 66/13  
CPC ..... F16L 33/224; F16L 33/26; F16L 25/023;  
F16L 37/252; F16L 37/0925; H01R 2103/00;  
H01R 13/622; B25B 13/065; D04B 35/06  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

2,414,789	A *	1/1947	Anderson et al.	.....	285/248
2,978,262	A *	4/1961	Franck	.....	285/248
3,008,736	A *	11/1961	Samiran	.....	285/222.5
3,115,354	A *	12/1963	Bowan et al.	.....	285/52
3,162,470	A *	12/1964	Owens et al.	.....	285/86
D254,802	S *	4/1980	Hayes	.....	D23/262
D267,506	S *	1/1983	Evans	.....	D23/262
D336,510	S *	6/1993	Sawtelle	.....	D23/262
D356,147	S *	3/1995	Clivio	.....	D23/262
D443,343	S *	6/2001	Chien	.....	D23/265

(Continued)

**FOREIGN PATENT DOCUMENTS**

CN	302123994	* 10/2012
CN	302124000	* 10/2012

**OTHER PUBLICATIONS**

A Garden Hose Gender Changer—Male to Female, Announced Nov. 5, 2011, [Site Visited May 11, 2015] <http://rougeriverworkshop.blogspot.com/2011/11/garden-hose-gender-changer-male-to.html>.\*

(Continued)

*Primary Examiner* — John Windmuller

*Assistant Examiner* — Luqman McNeil

(74) *Attorney, Agent, or Firm* — Chace Ruttenberg & Freedman

(57) **CLAIM**

A female hose coupling, as shown and described.

**DESCRIPTION**

FIG. 1 is a right front perspective view of one embodiment of a female hose coupling;

FIG. 2 is a side elevation view of a female hose coupling; all sides being identical to that shown;

FIG. 3 is a top plan view of a female hose coupling;

FIG. 4 is a bottom plan view of a female hose coupling;

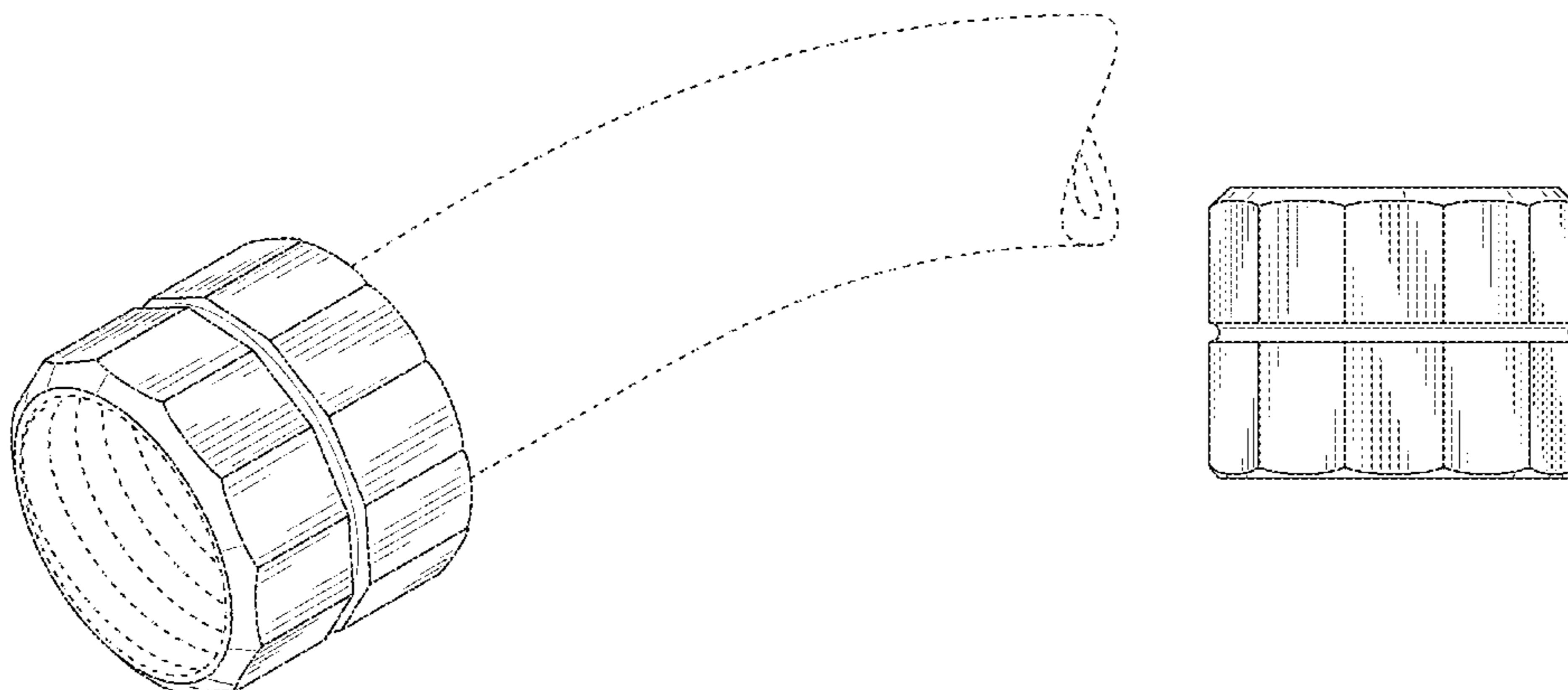
FIG. 5 is a right perspective view of a second embodiment of a female hose coupling; and,

FIG. 6 is a side elevation view of the female hose coupling illustrated in FIG. 5, all sides being identical to that shown.

The broken lines in the figures are included for the purpose of illustrating environment and form no part of the claimed design.

Two embodiments of the female hose coupling design are illustrated. In each embodiment, the aspects illustrated by FIGS. 3 and 4 identically apply to both embodiments. The female hose coupling design includes a twelve faceted surface and a circumferentially disposed channel.

**1 Claim, 3 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D458,904 S \* 6/2002 Montena ..... D13/154  
 D463,537 S \* 9/2002 Koza et al. .... D23/262  
 D475,768 S 6/2003 Walker  
 D475,769 S 6/2003 Walker  
 D513,406 S \* 1/2006 Rodrigues et al. .... D13/133  
 D519,452 S \* 4/2006 Rodrigues et al. .... D13/133  
 D519,453 S \* 4/2006 Rodrigues et al. .... D13/133  
 D521,147 S \* 5/2006 Sandman et al. .... D23/393  
 7,063,565 B2 \* 6/2006 Ward ..... 439/578  
 D529,598 S \* 10/2006 Sandman et al. .... D23/393  
 D535,259 S \* 1/2007 Rodrigues et al. .... D13/151  
 D557,386 S \* 12/2007 Darce ..... D23/269  
 D565,707 S \* 4/2008 Brockington et al. .... D23/262  
 D575,377 S 8/2008 Roman  
 7,566,236 B2 \* 7/2009 Malloy et al. .... 439/321  
 D601,095 S \* 9/2009 Rodrigues ..... D13/151  
 D603,693 S \* 11/2009 Bentrim ..... D8/397  
 D610,240 S \* 2/2010 Tausch ..... D23/262  
 D613,827 S 4/2010 Damaske et al.  
 D627,039 S \* 11/2010 Yu ..... D23/260  
 D638,104 S \* 5/2011 Govoni et al. .... D23/262  
 7,946,199 B2 \* 5/2011 Bradley ..... 81/121.1

D650,050 S \* 12/2011 Berghuijs ..... D23/262  
 D661,787 S \* 6/2012 Johnson ..... D23/262  
 D677,766 S 3/2013 Chen  
 D679,784 S 4/2013 Meyer  
 2004/0183302 A1 \* 9/2004 Allen et al. .... 285/322  
 2012/0210752 A1 \* 8/2012 Ragner ..... 66/13

OTHER PUBLICATIONS

Pelican Parts 1/4" NPT A-Type Coupler Female, Announced Feb. 1, 2002, [Site Visited May 11, 2015] [http://www.pelicanparts.com/catalog/shopcart/TOOL/POR\\_TOOL\\_CAT295\\_pg7.htm](http://www.pelicanparts.com/catalog/shopcart/TOOL/POR_TOOL_CAT295_pg7.htm).  
 PDF of Gilmour Male Hose Coupling product from internet advertisement.  
 PDF of Melnor Female Hose Coupling product from internet advertisement.  
 PDF of Melnor 5MQC Female Hose Coupling from internet advertisement.  
 PDF of Melnor Hose Coupling from internet advertisement.  
 PDF of Melnor Hose Coupling from internet advertisement.  
 PDF of NorthStar Garden Hose Coupling from internet advertisement.

\* cited by examiner

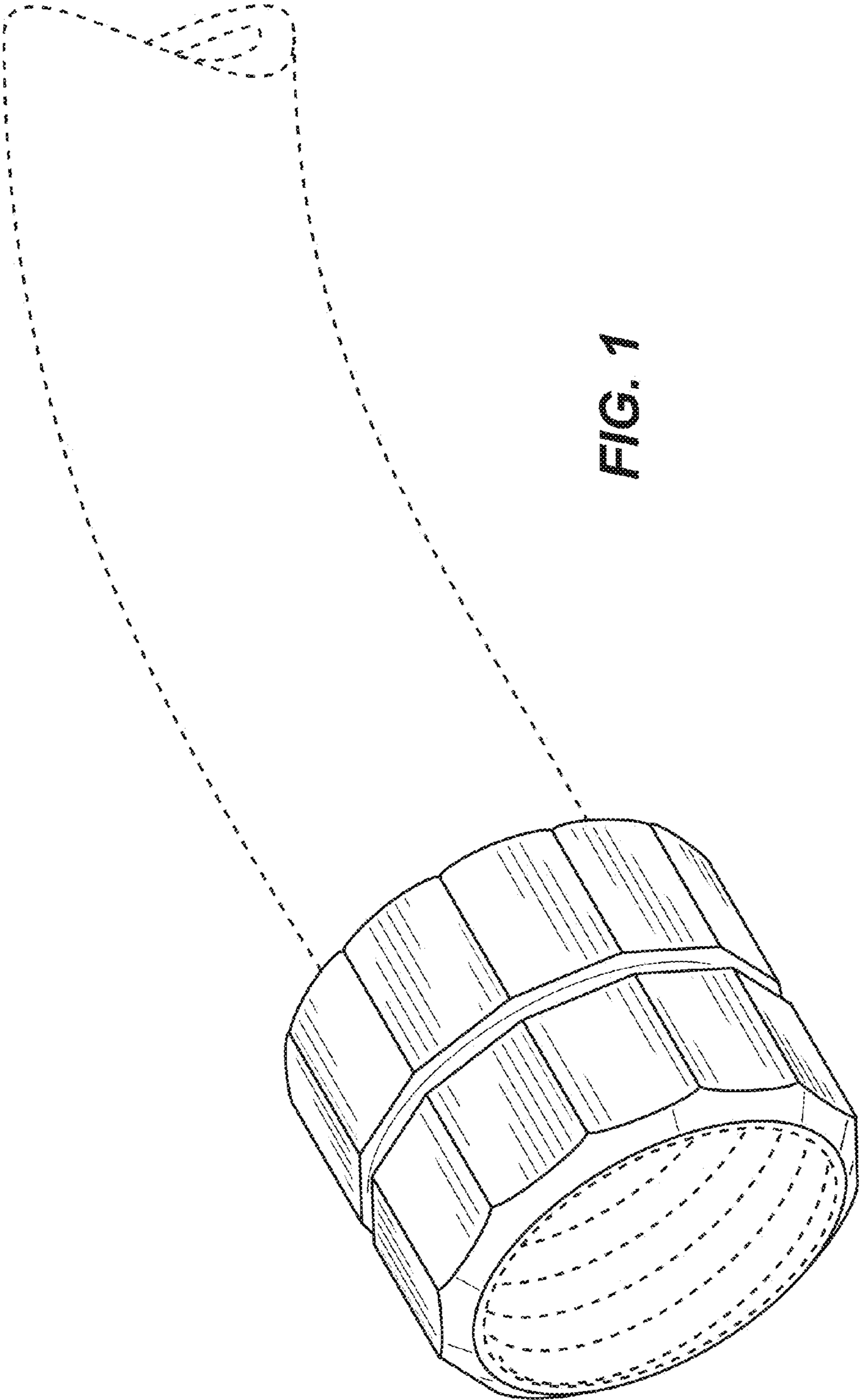


FIG. 1

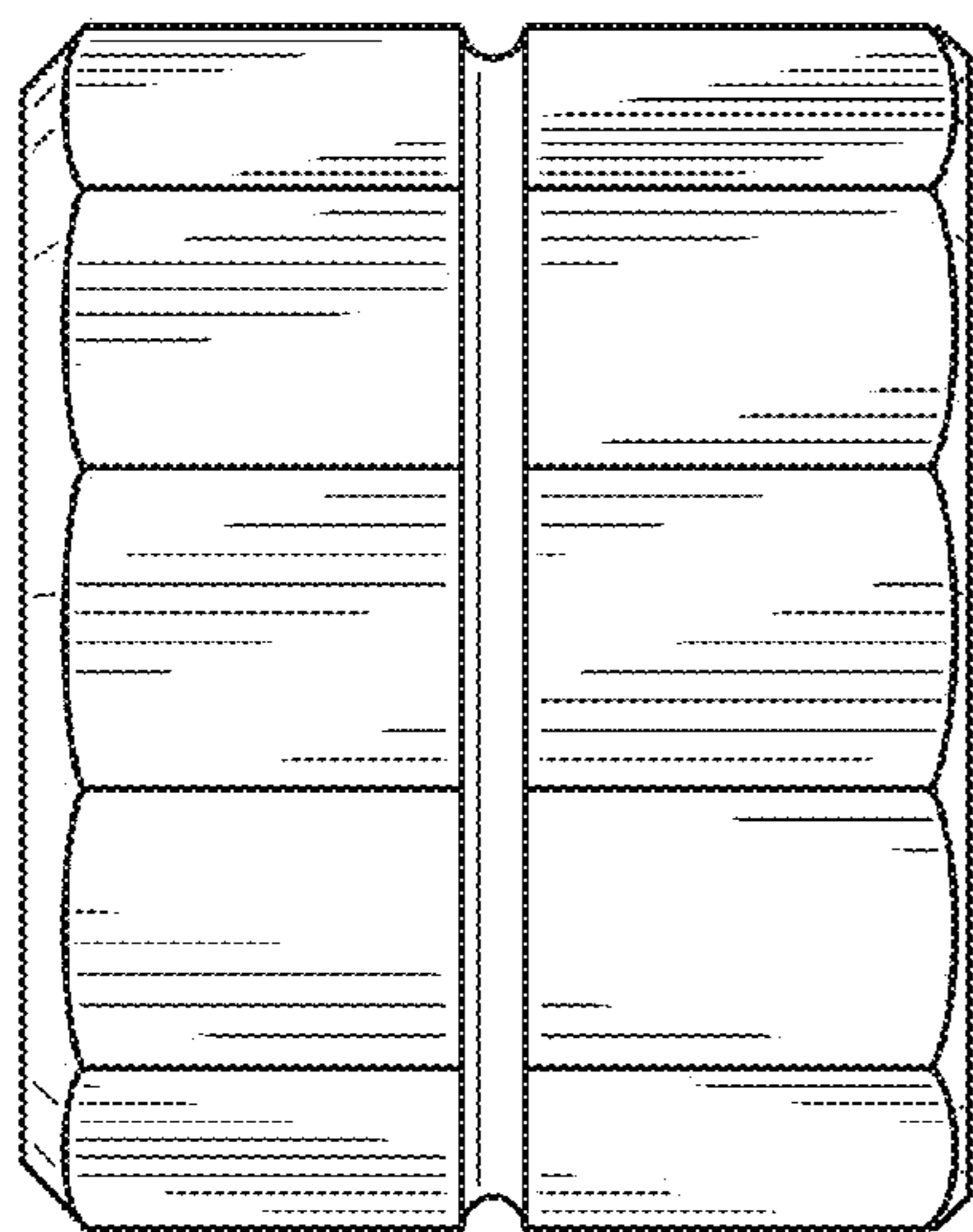


FIG. 2

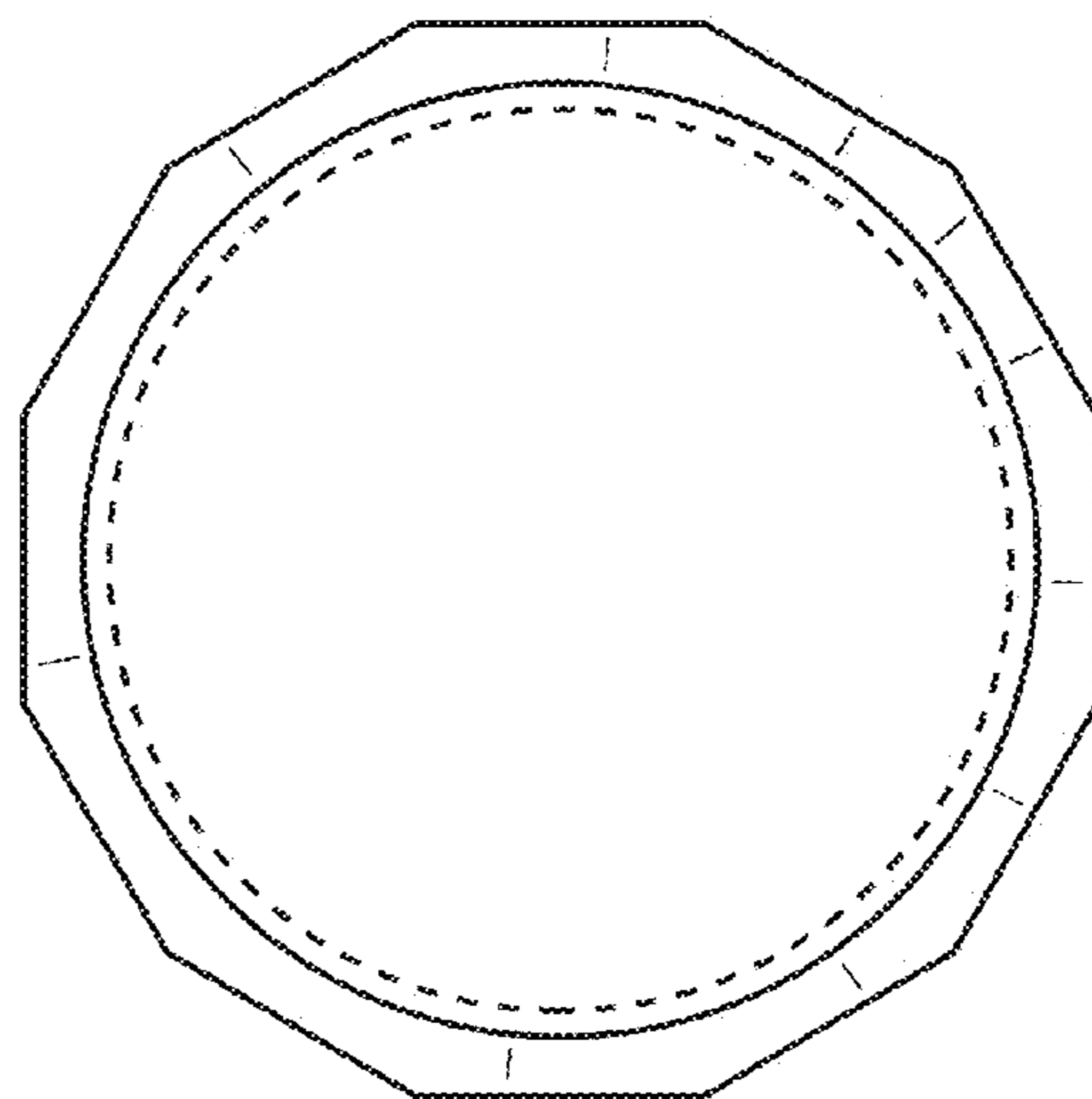


FIG. 3

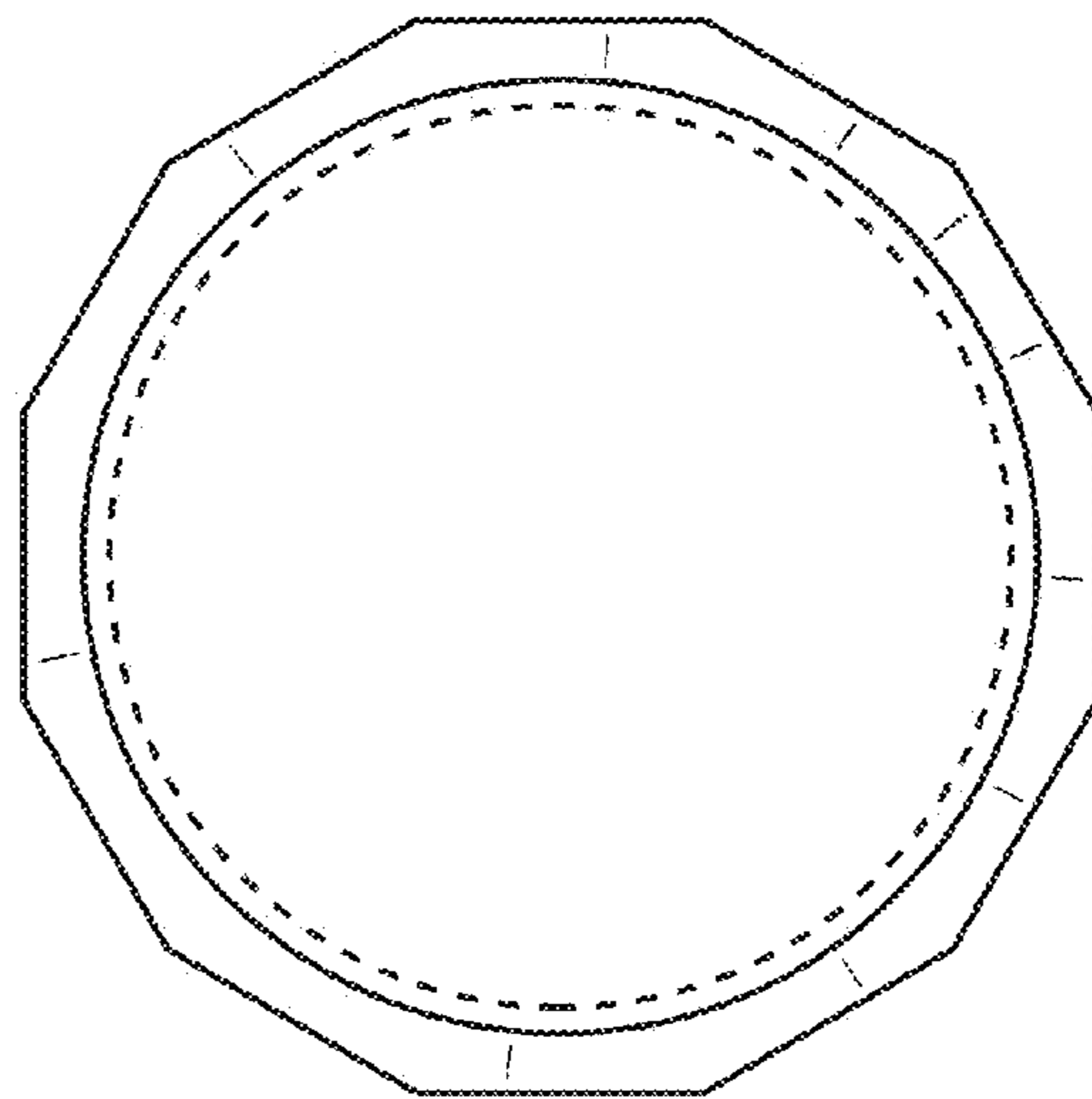


FIG. 4

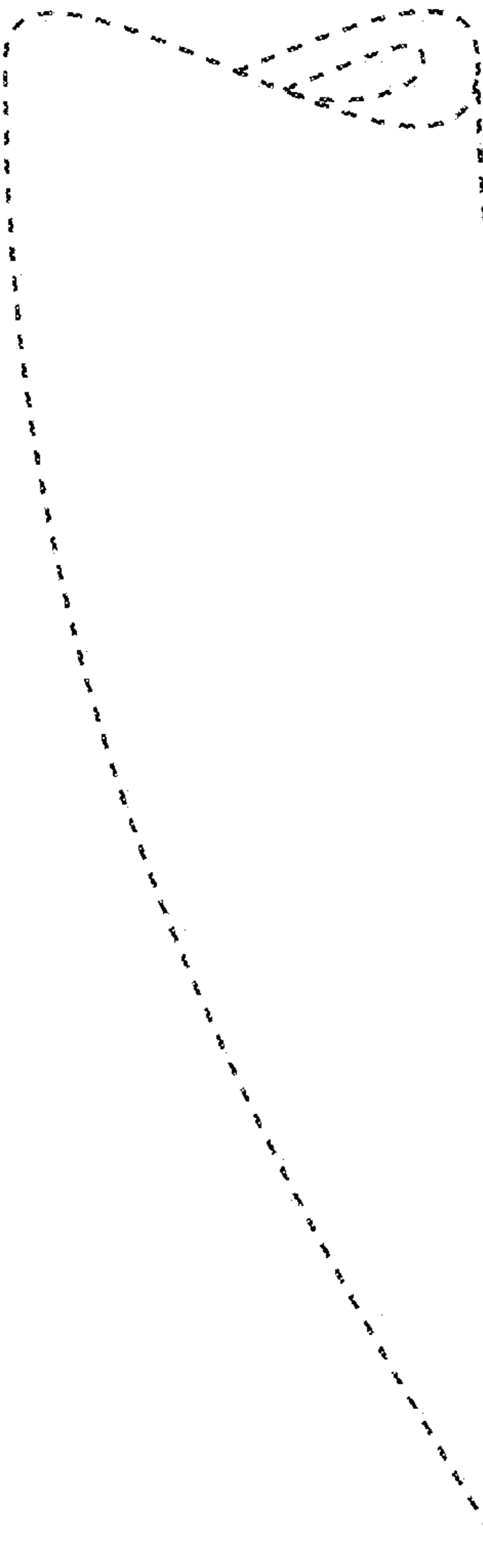


FIG. 5

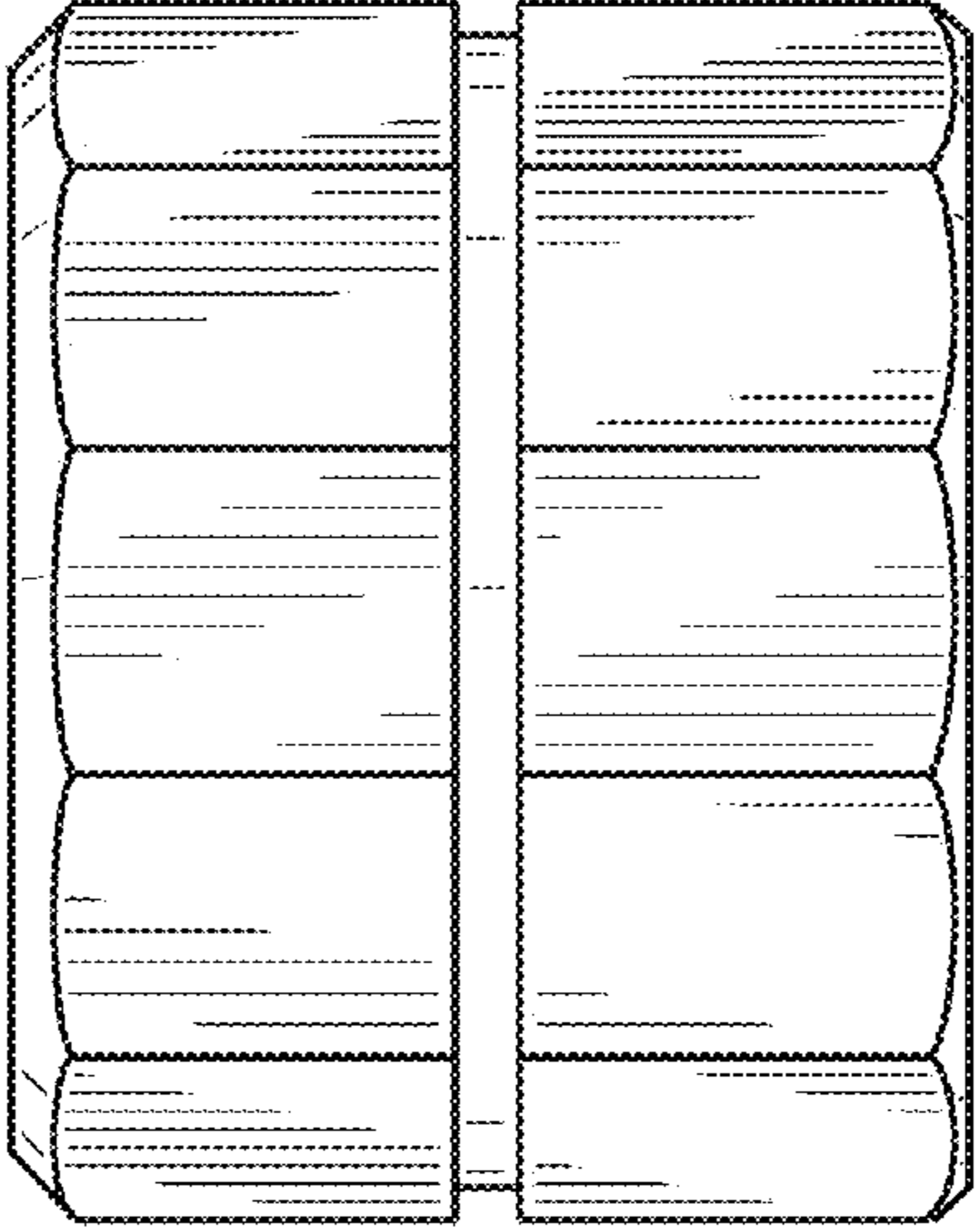
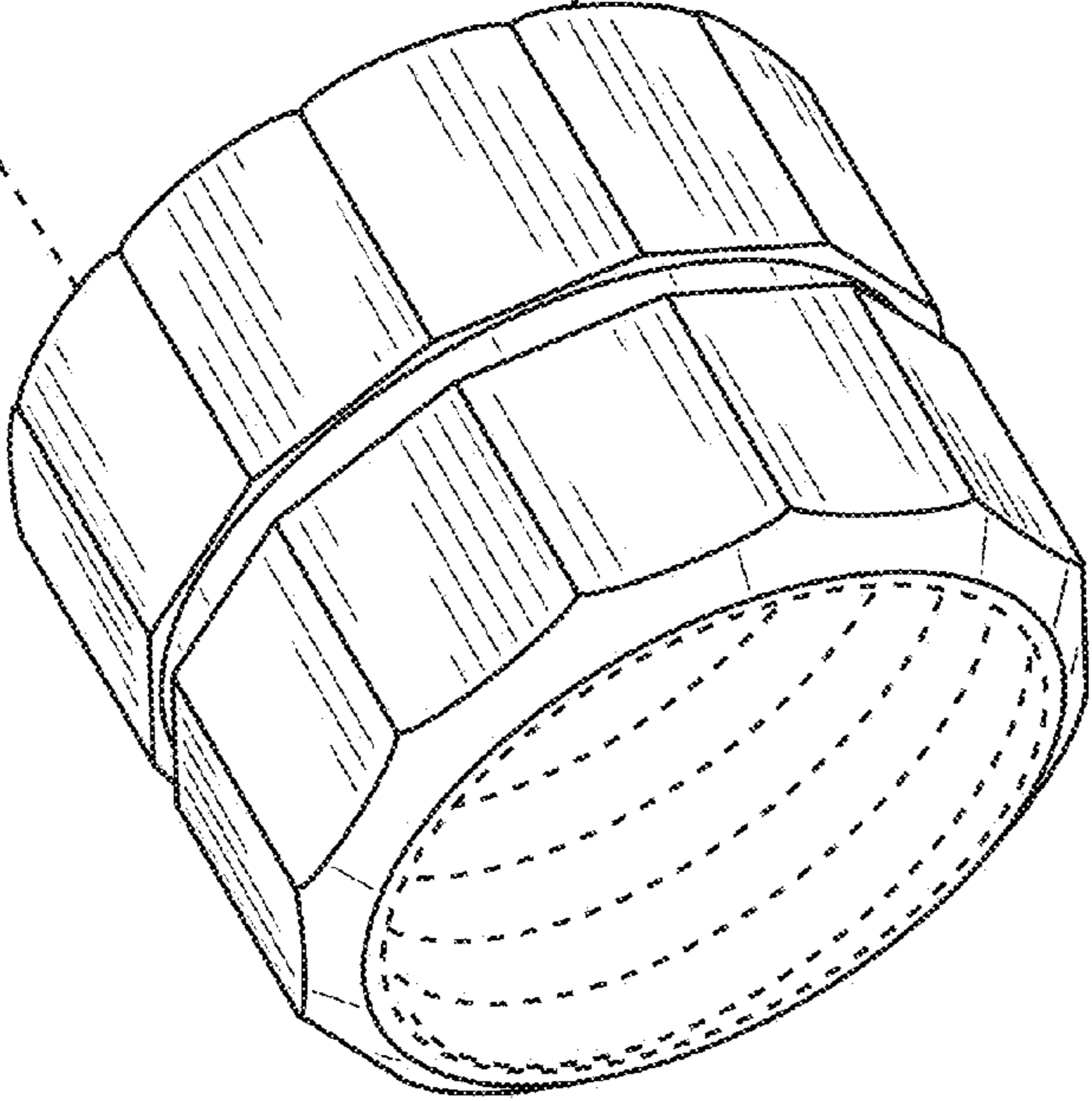


FIG. 6