



US00D693009S

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

(10) **Patent No.:** **US D693,009 S**  
(45) **Date of Patent:** **\*\* \*Nov. 5, 2013**

- (54) **NON-PNEUMATIC TOURNIQUET DEVICE**
- (75) Inventors: **William J. Green**, San Clemente, CA (US); **Ted J. Brackett**, Manhattan Beach, CA (US)
- (73) Assignee: **Precision Medical Devices, LLC**, Thousand Oaks, CA (US)
- (\*) Notice: This patent is subject to a terminal disclaimer.
- (\*\*) Term: **14 Years**
- (21) Appl. No.: **29/419,191**
- (22) Filed: **Apr. 25, 2012**

**Related U.S. Application Data**

- (63) Continuation of application No. 29/419,189, filed on Apr. 25, 2012, now Pat. No. Des. 685,094, and a continuation of application No. 12/897,770, filed on Oct. 4, 2010, which is a continuation-in-part of application No. 12/114,737, filed on May 2, 2008, and a continuation-in-part of application No. PCT/US2008/062583, filed on May 2, 2008.
- (51) **LOC (9) Cl.** ..... **24-04**
- (52) **U.S. Cl.**  
USPC ..... **D24/188**
- (58) **Field of Classification Search**  
USPC ..... D24/128, 164-169, 107, 186, 187, 143, D24/189, 190; D10/81; 602/41-47, 53, 54, 602/57, 58; 606/202, 203; 600/490; D8/44  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- 3,675,657 A \* 7/1972 Gauthier ..... 606/203
- 4,256,094 A \* 3/1981 Kapp et al. .... 601/152

(Continued)

*Primary Examiner* — T. Chase Nelson

*Assistant Examiner* — Michelle E Wilson

(74) *Attorney, Agent, or Firm* — Law Ofc of David Hong

(57) **CLAIM**

The ornamental design for a non-pneumatic tourniquet device, as shown and described.

**DESCRIPTION**

This application is also related to U.S. Design patent application Ser. No. 29/317,784, filed on May 6, 2008, and now U.S. Design Patent D625,824; U.S. Design patent application Ser. No. 29/346,791, filed on Nov. 5, 2009, and now U.S. Design Patent D642,275; and U.S. Design patent application Ser. No. 29/405,373, filed on Nov. 1, 2011.

FIG. 1 is a perspective view of a non-pneumatic tourniquet device showing our new design;

FIG. 2 is a top view thereof, the bottom view being a mirror image;

FIG. 3 is a first side elevational view thereof; the opposite side being a mirror image;

FIG. 4 is a second side elevational view thereof; the opposite side view being a mirror image;

FIG. 5 is a cross-sectional view thereof, taken along line 5-5 of FIG. 2;

FIG. 6 is a perspective view thereof, with the central element seen in FIGS. 1, 2, 4 and 5 removed in order to depict the inner structure of the non-pneumatic tourniquet device;

FIG. 7 is a top view of the non-pneumatic tourniquet device shown in FIG. 6; the bottom view being a mirror image;

FIG. 8 is a side view of the non-pneumatic tourniquet device shown in FIG. 6; the opposite side view being a mirror image;

FIG. 9 is a cross-sectional view of the non-pneumatic tourniquet device shown in FIG. 6, taken along line 9-9 of FIG. 7;

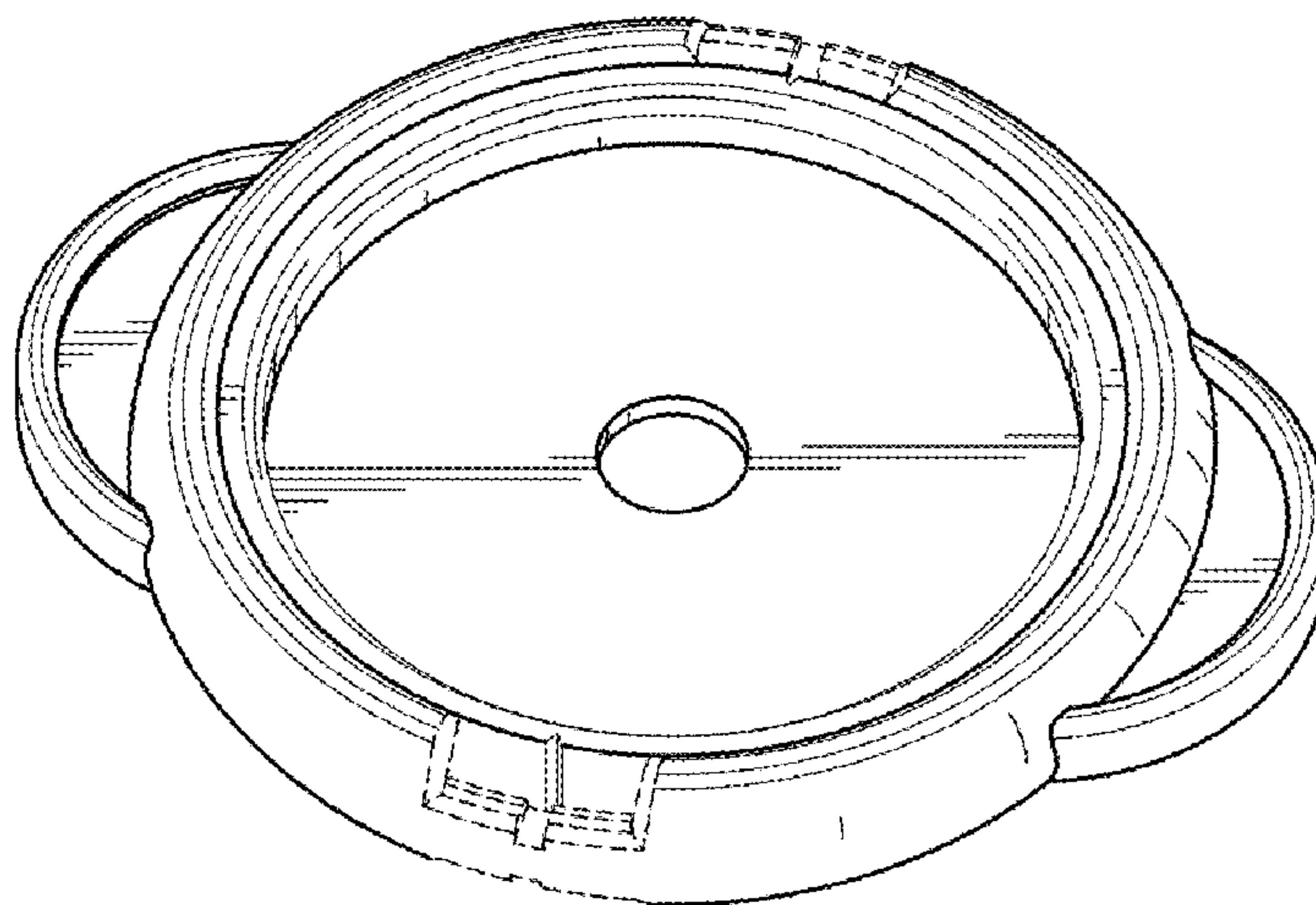
FIG. 10 is a cross-sectional view of the non-pneumatic tourniquet device shown in FIG. 6, taken along line 10-10 of FIG. 7;

FIG. 11 is an enlarged fragmented view of the non-pneumatic tourniquet device shown in FIG. 6, taken along the arrow 11 of FIG. 10; and,

FIG. 12 is an enlarged fragmented view of the non-pneumatic tourniquet device shown in FIG. 6, taken along the arrow 12 of FIG. 9.

The broken lines represent portions of the structure that form no part of the claim.

**1 Claim, 2 Drawing Sheets**



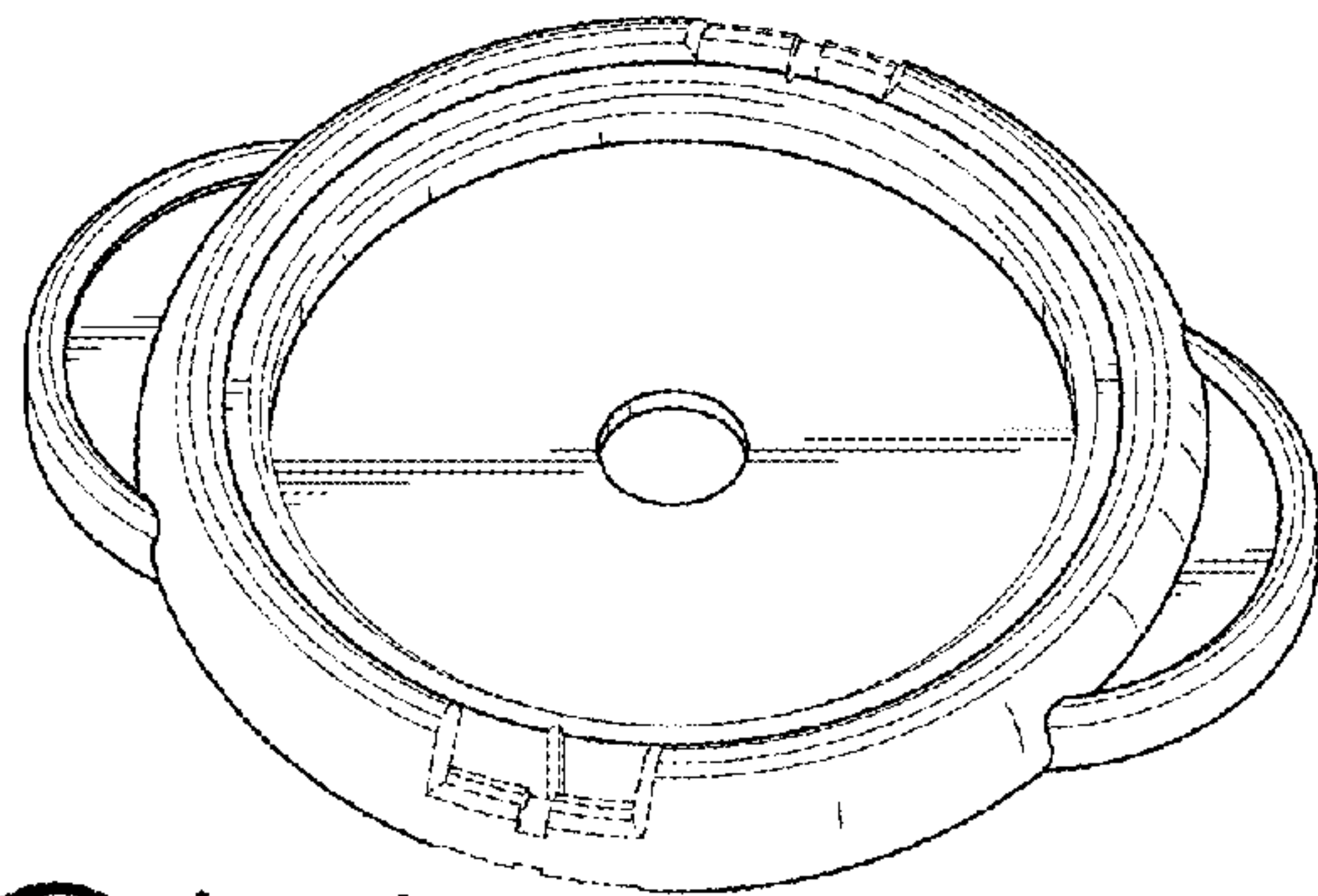
(56)

**References Cited**

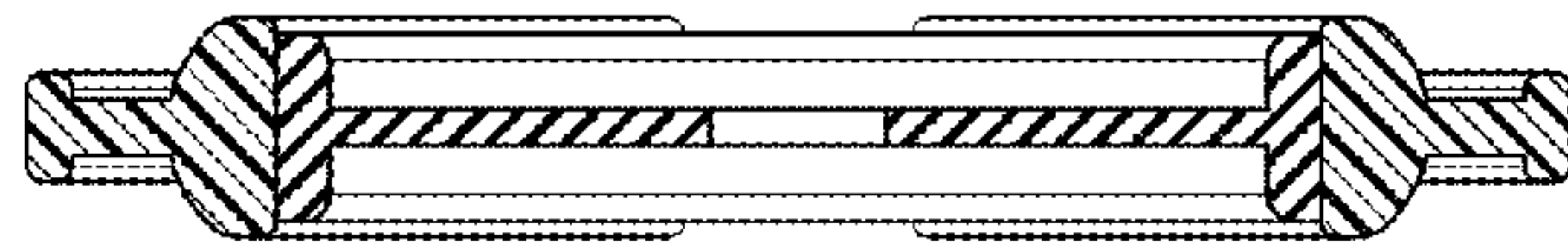
U.S. PATENT DOCUMENTS

D272,186 S *	1/1984	Peck	.....	D24/143	5,607,448 A *	3/1997	Stahl et al.	.....	606/203
4,637,394 A *	1/1987	Racz et al.	.....	606/202	6,833,001 B1 *	12/2004	Chao	.....	606/203
4,911,162 A *	3/1990	Wolff	.....	606/203	7,582,102 B2 *	9/2009	Heinz et al.	.....	606/203
D331,972 S *	12/1992	Tam	.....	D24/169	D625,824 S *	10/2010	Brackett et al.	.....	D24/188
D333,006 S *	2/1993	Tam	.....	D24/169	D642,275 S *	7/2011	Brackett et al.	.....	D24/169
					2005/0267518 A1 *	12/2005	Wright et al.	.....	606/203
					2006/0089668 A1 *	4/2006	Warburton	.....	606/203

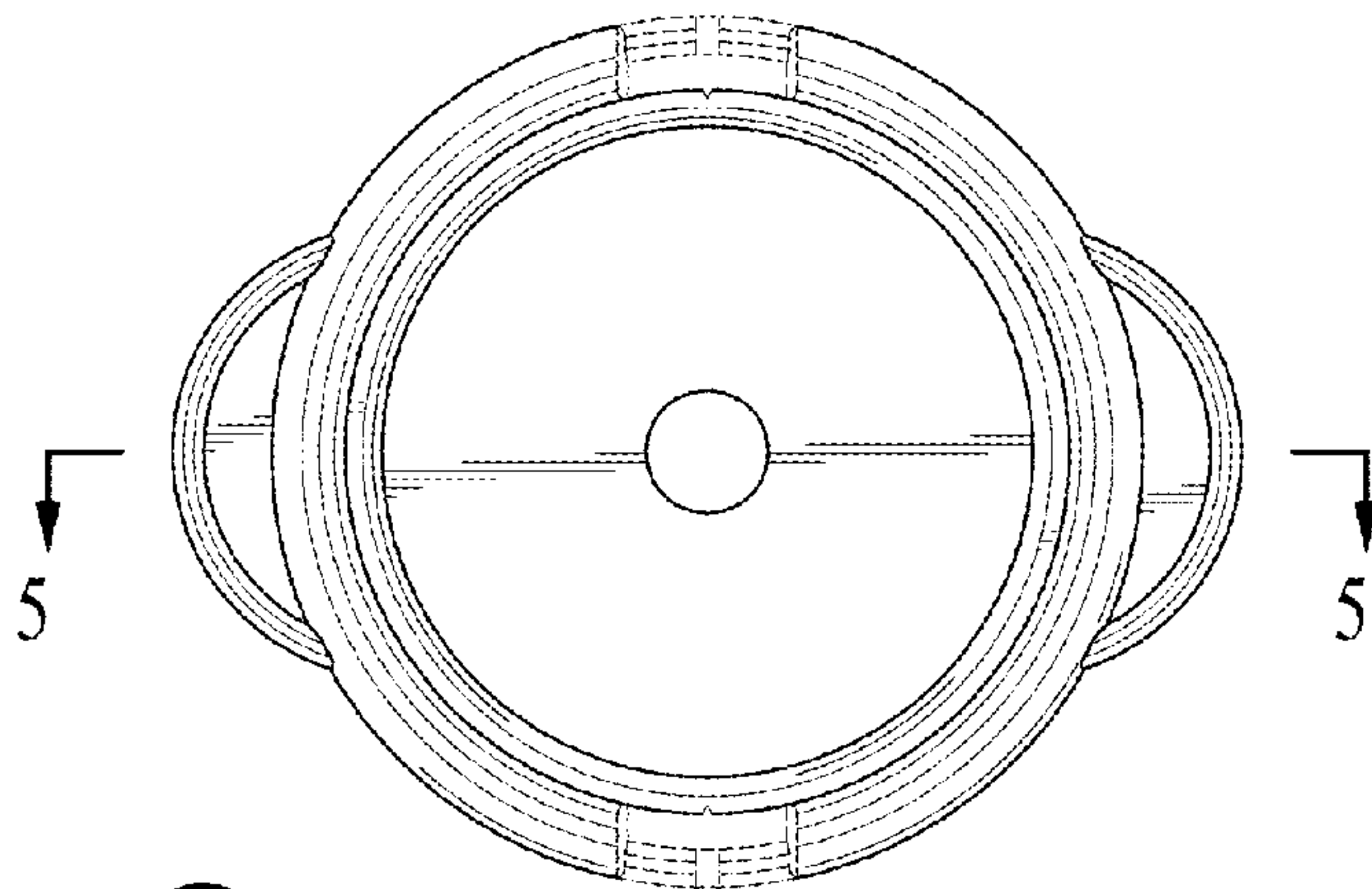
\* cited by examiner



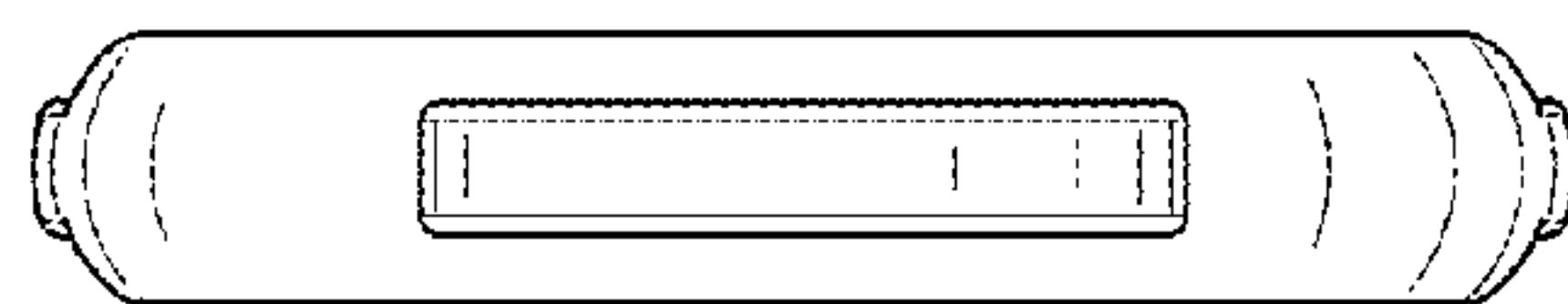
*FIG. 1*



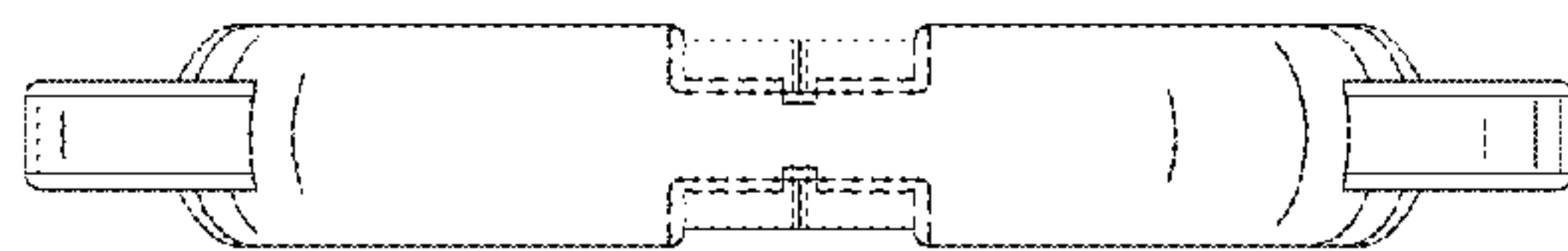
*FIG. 5*



*FIG. 2*

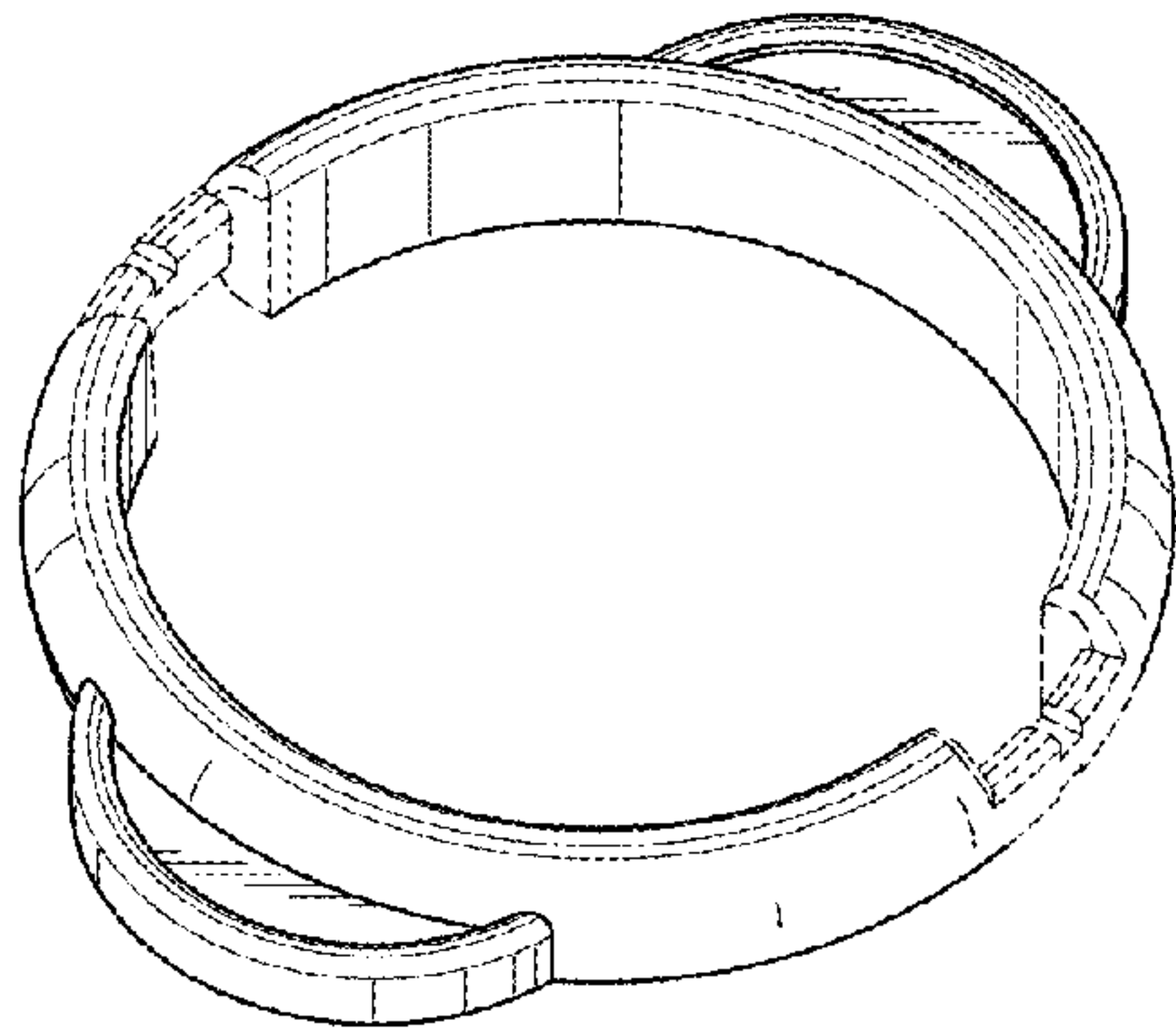


*FIG. 3*

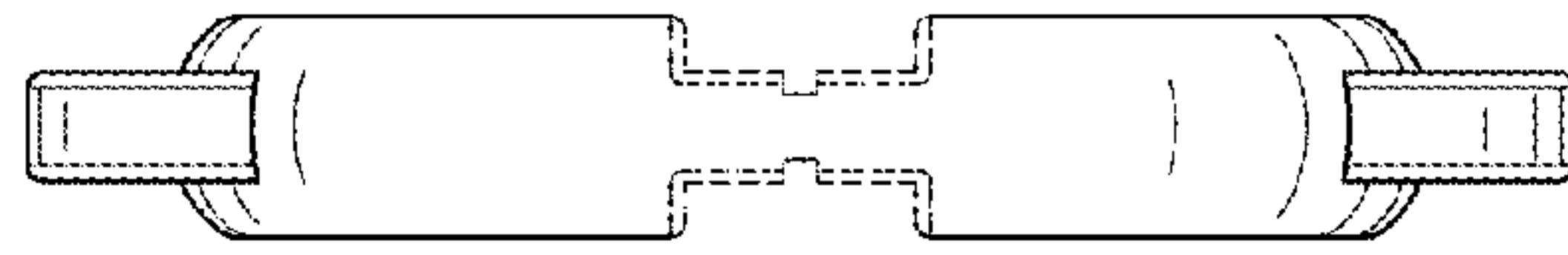


*FIG. 4*

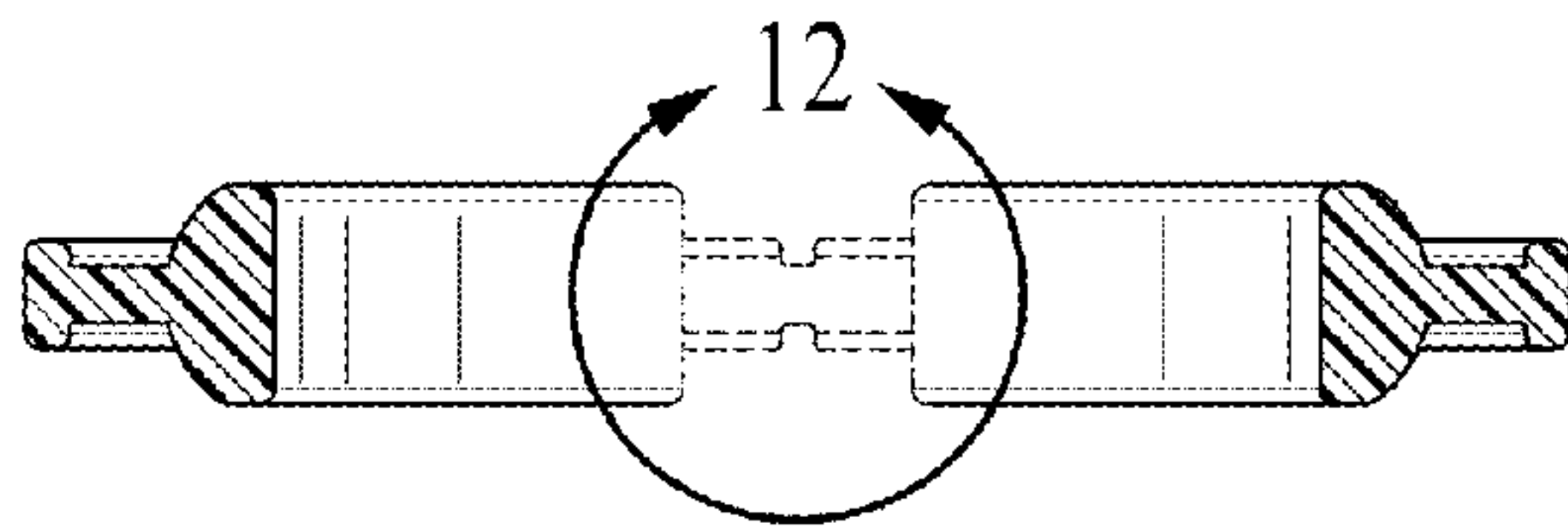




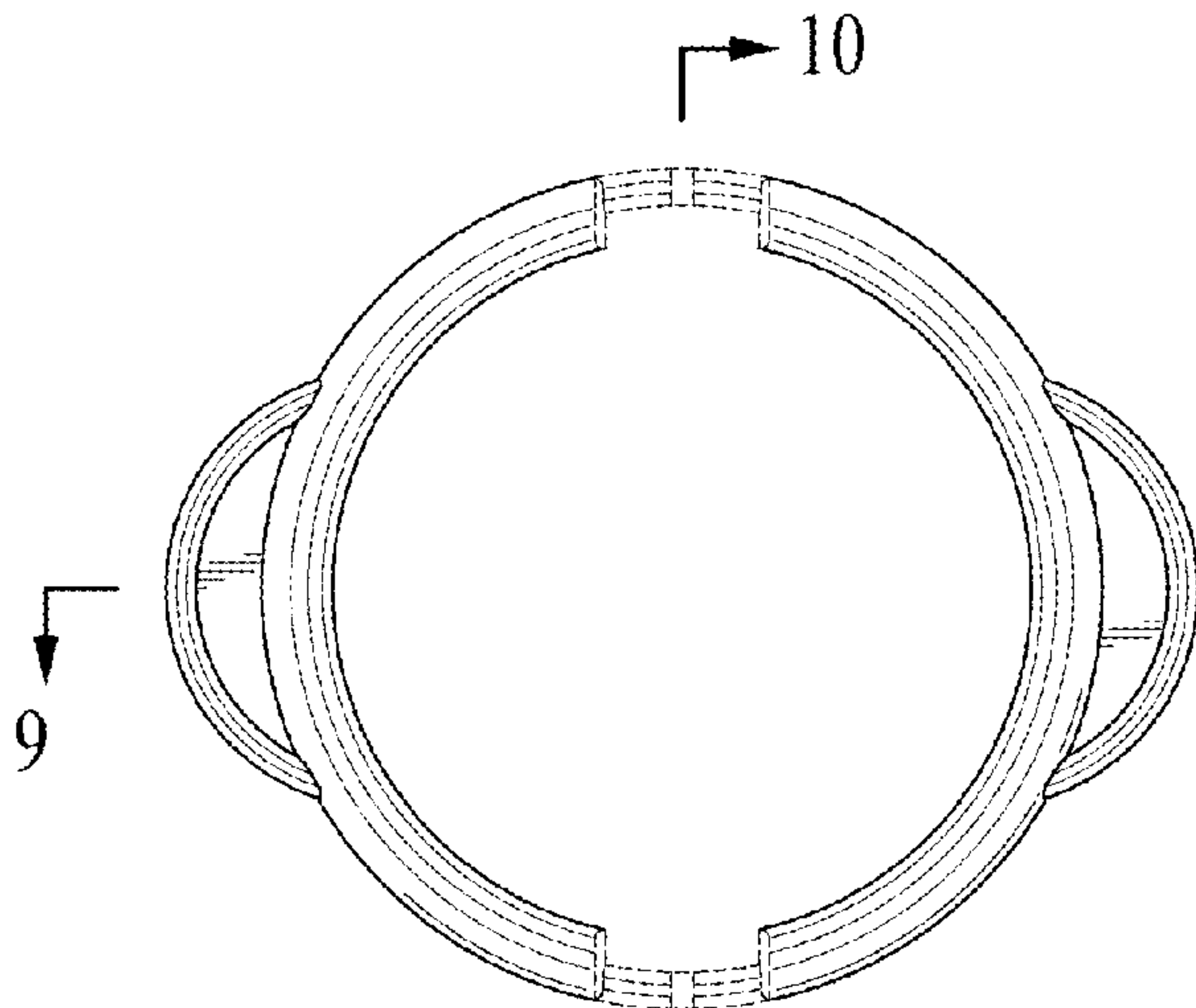
*Fig. 6*



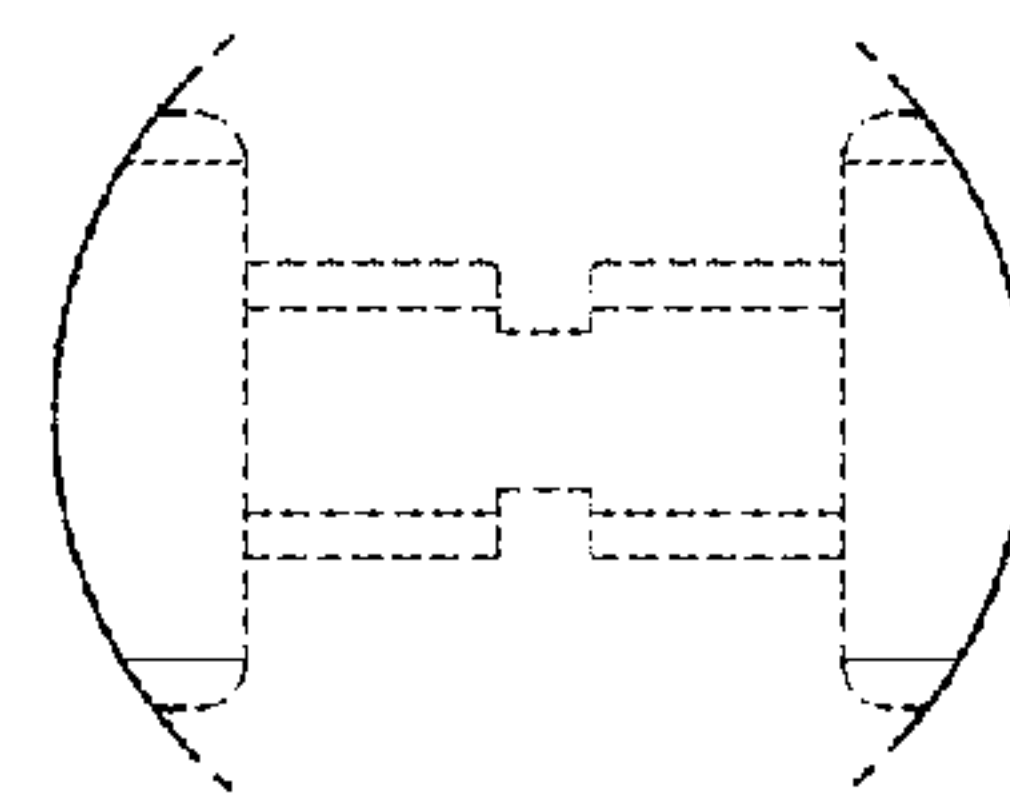
*Fig. 8*



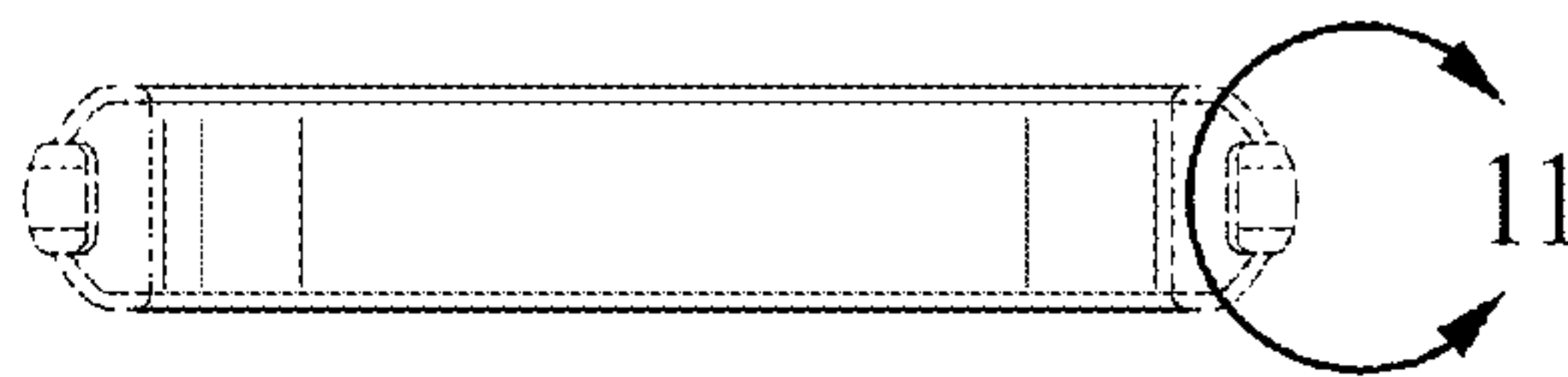
*Fig. 9*



*Fig. 7*



*Fig. 12*



*Fig. 10*



*Fig. 11*