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(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**
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- (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)

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(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;

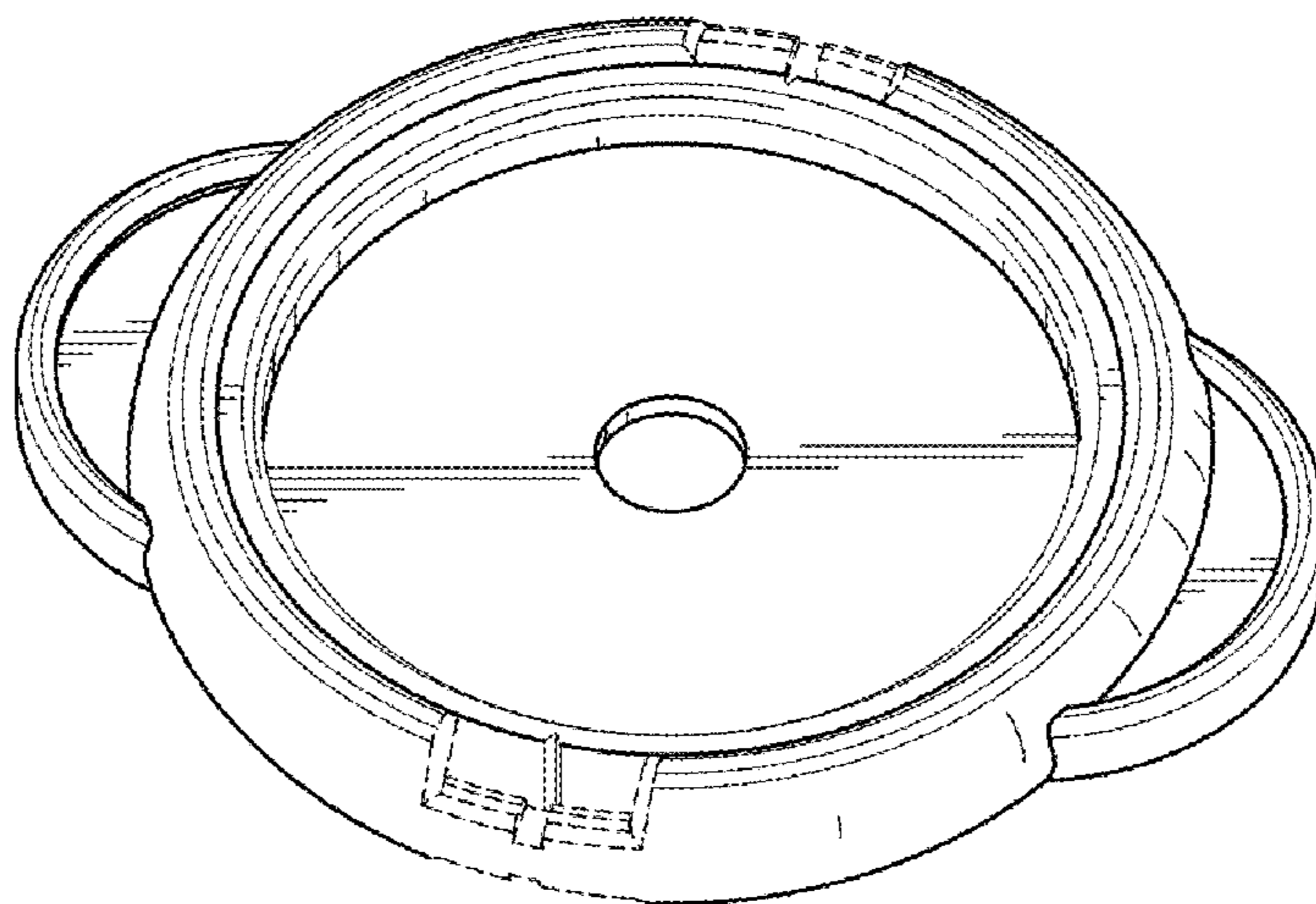
FIG. 10 is a cross-sectional view of the non-pneumatic tourniquet device shown in FIG. 6, taken along line 10-10 of FIG. 7;

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

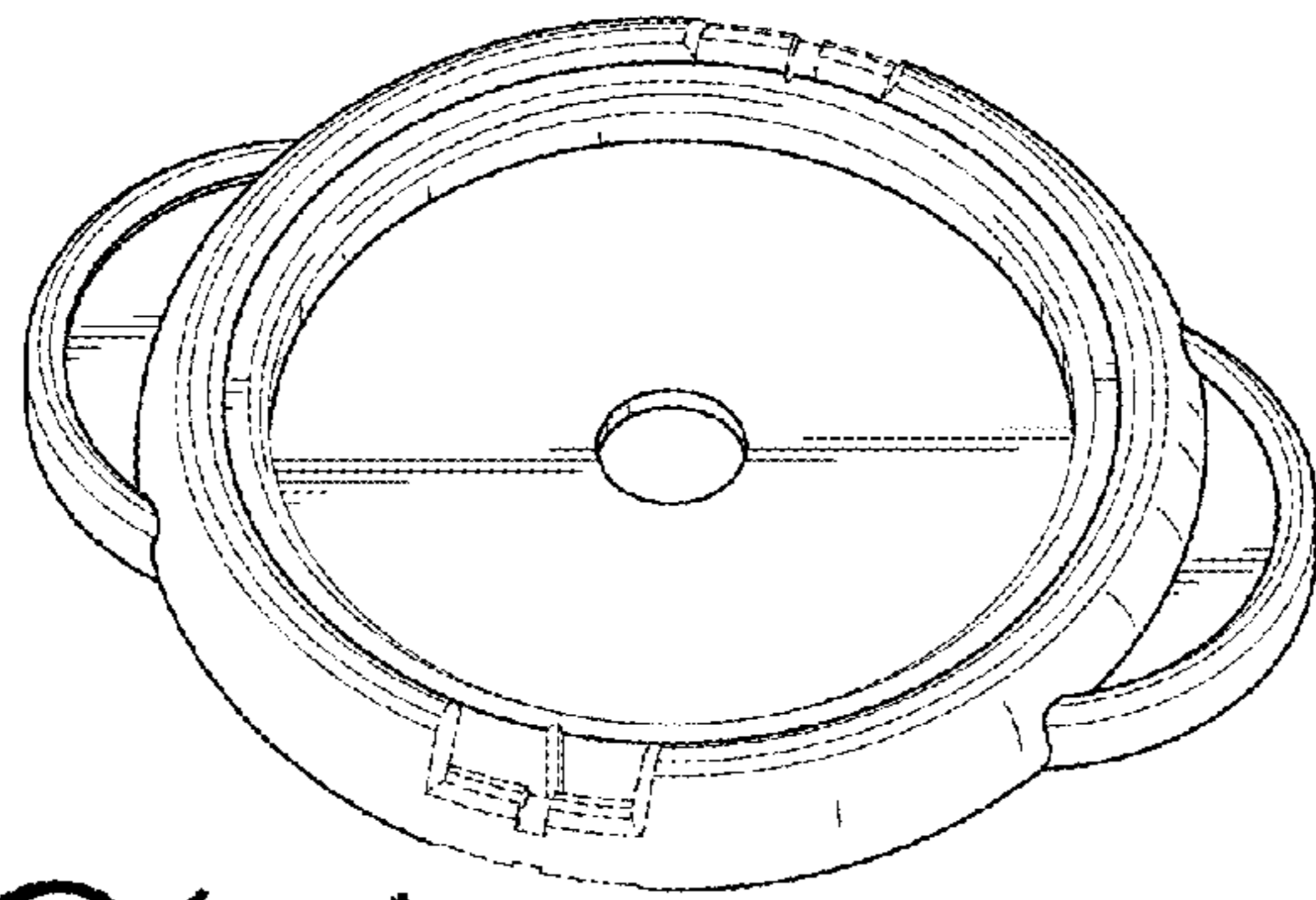


FIG. 1

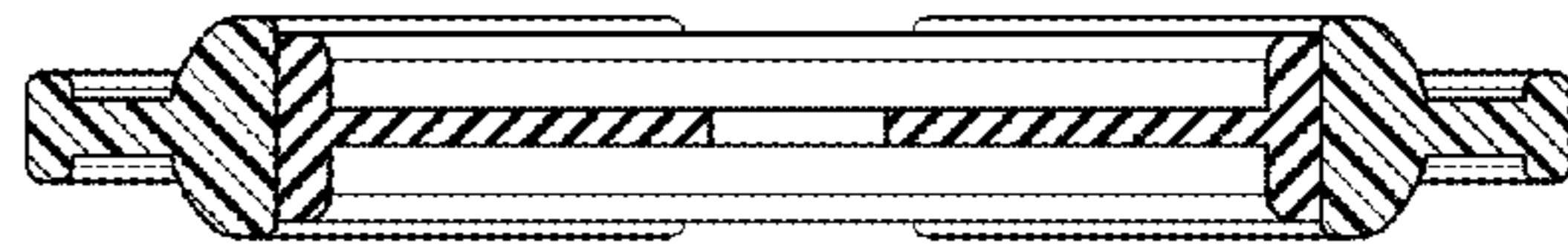


FIG. 5

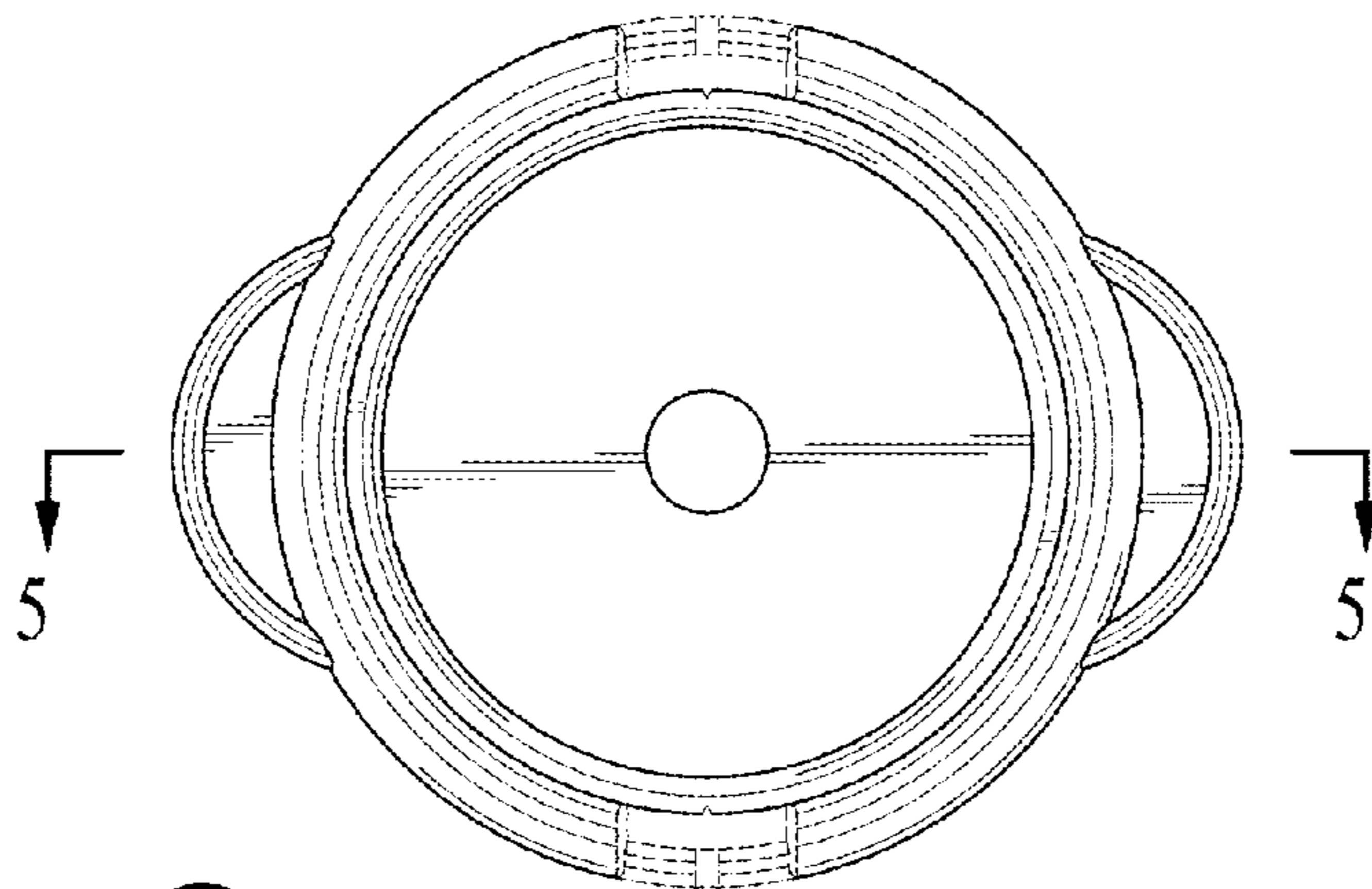


FIG. 2

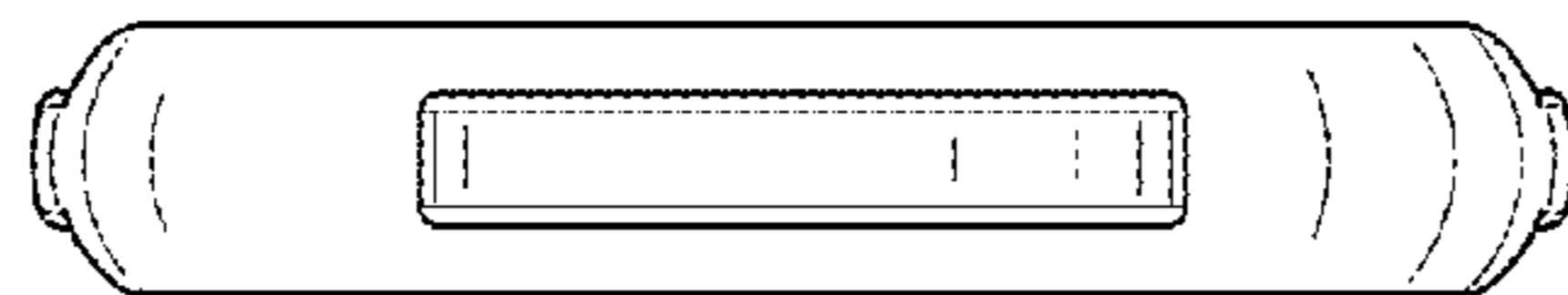


FIG. 3

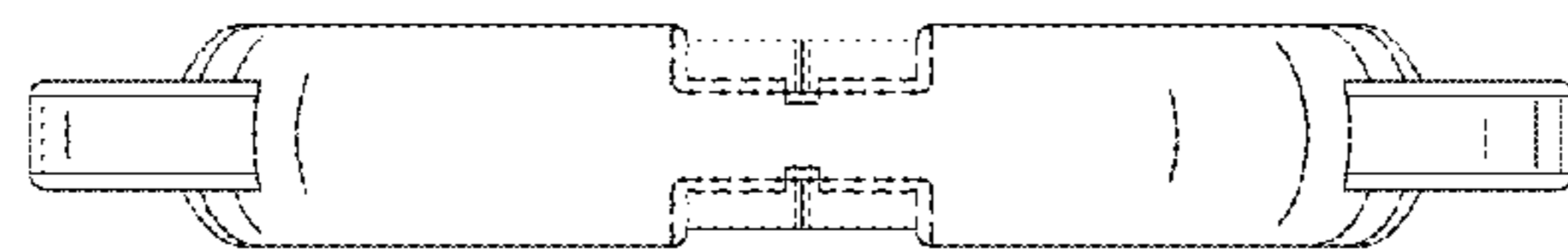


FIG. 4

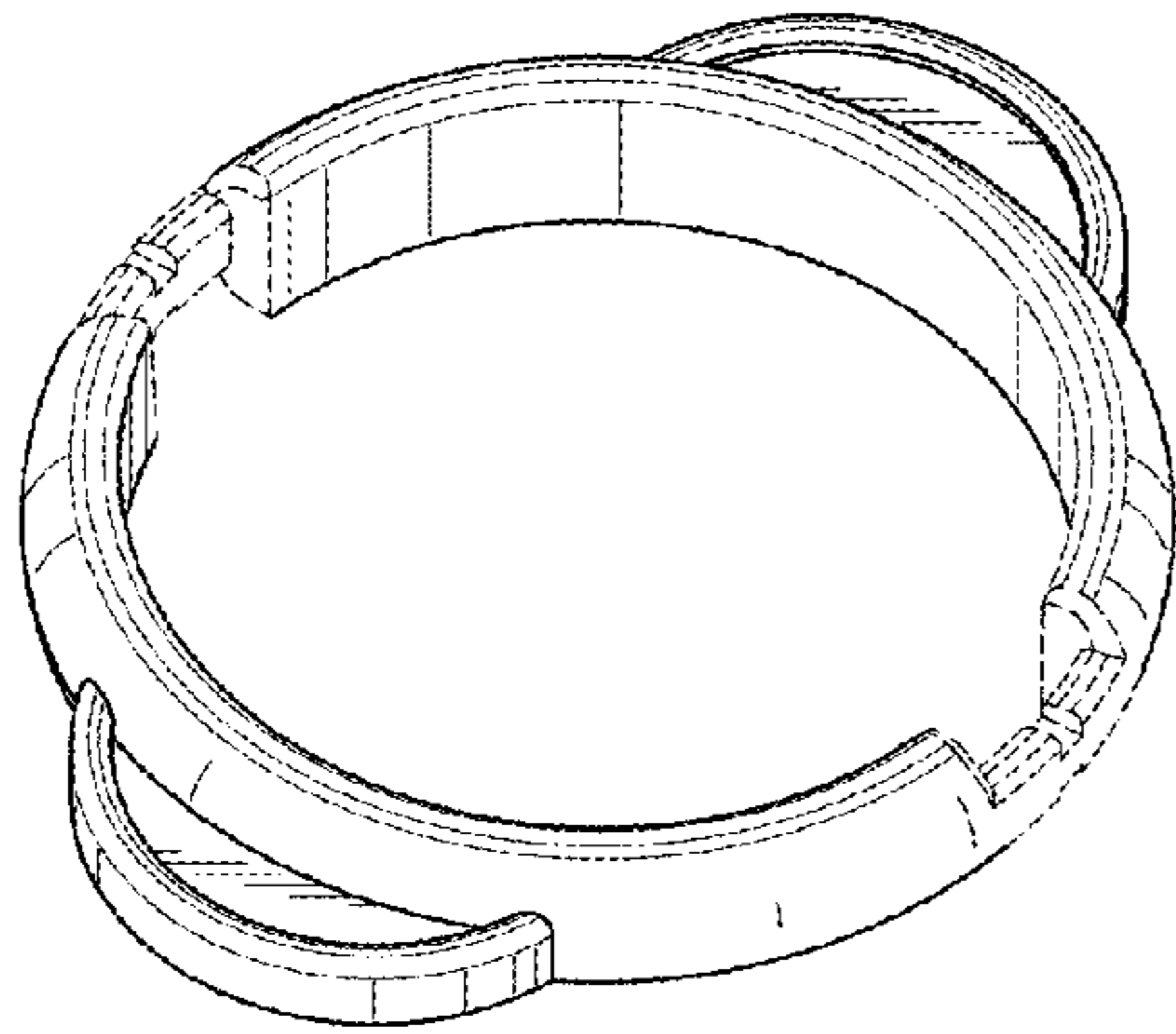


Fig. 6

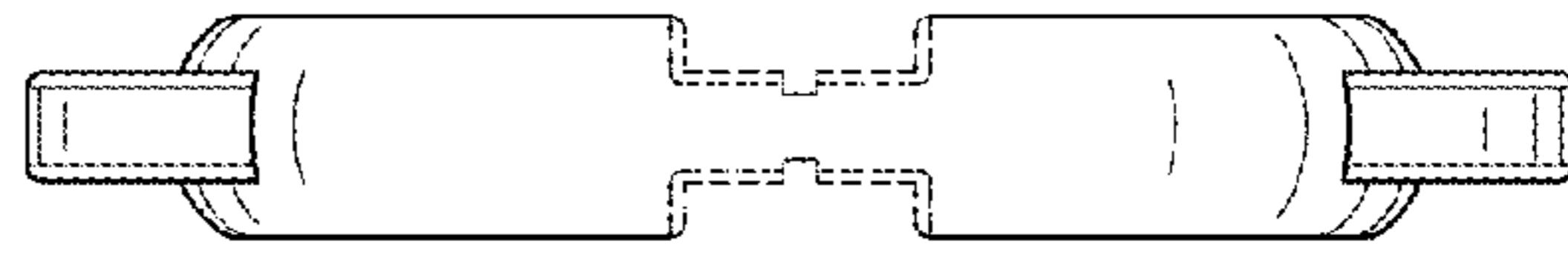


Fig. 8

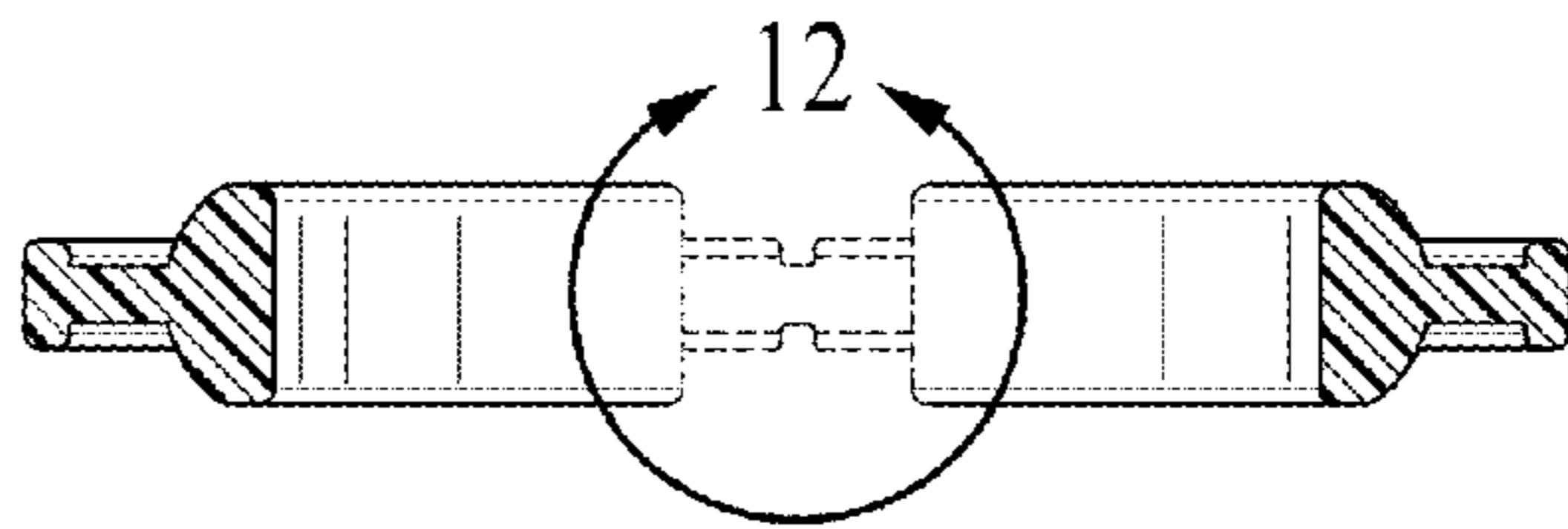


Fig. 9

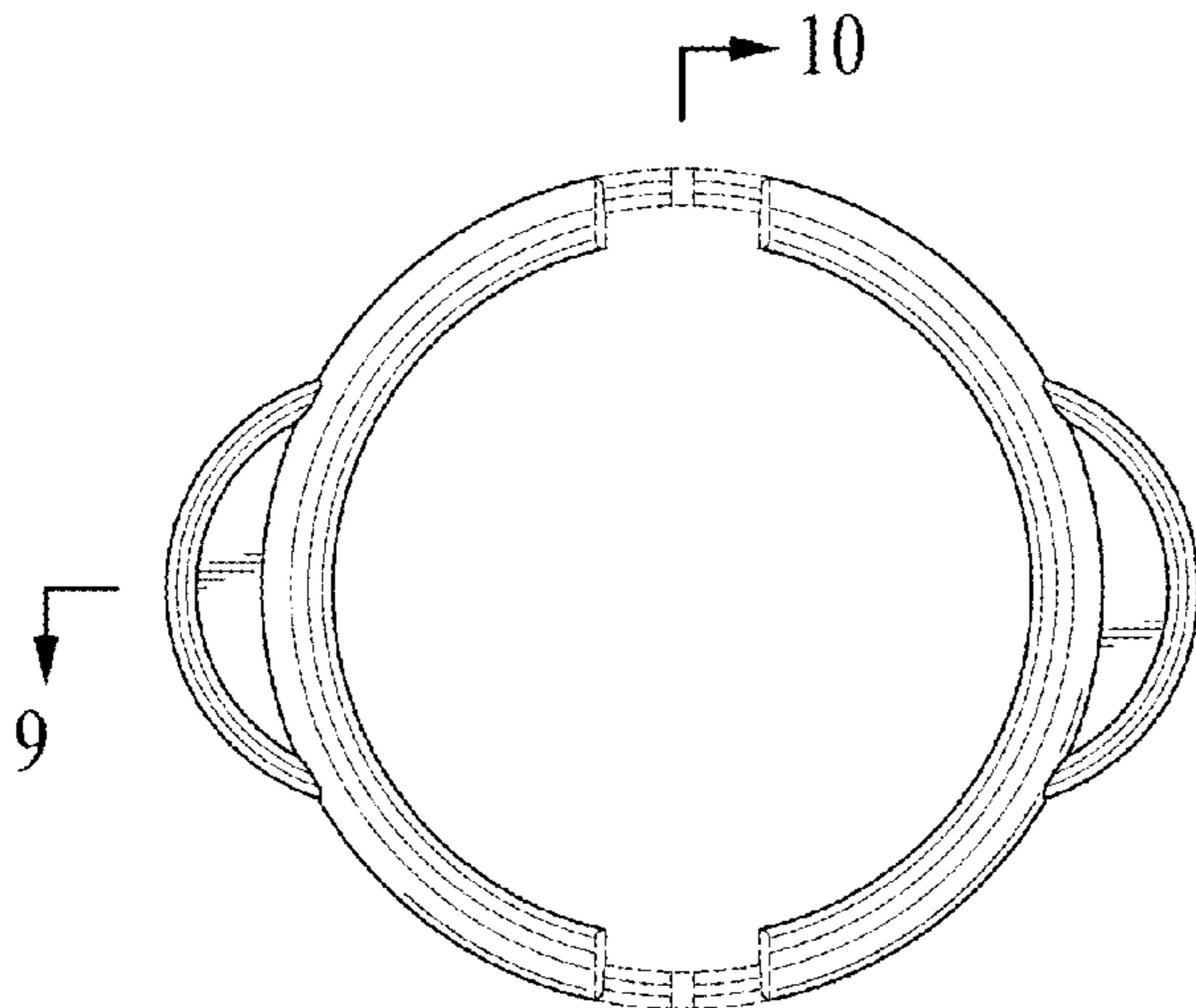


Fig. 7

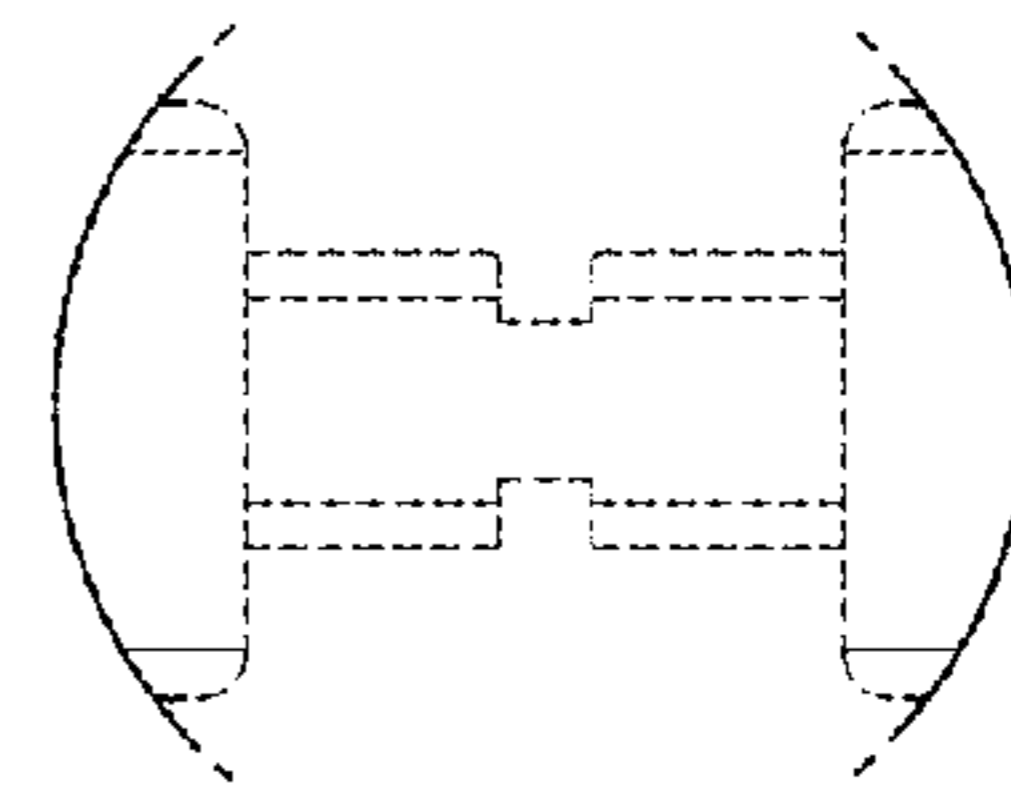


Fig. 12

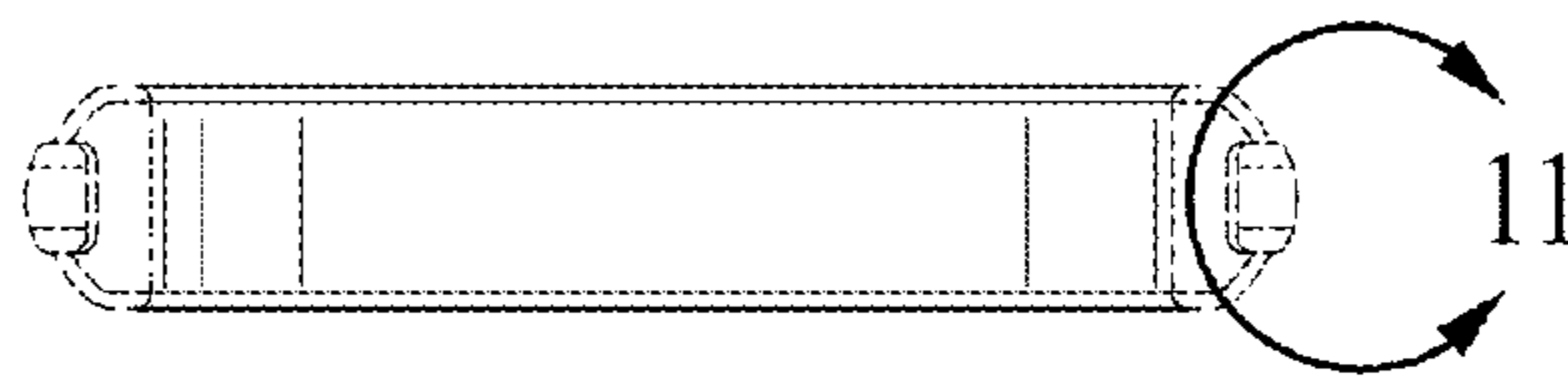


Fig. 10



Fig. 11