



US00D671510S

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

(10) **Patent No.:** **US D671,510 S**

(45) **Date of Patent:** **\*\* Nov. 27, 2012**

(54) **SURFACE-MOUNTED COIL**

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

(21) Appl. No.: **29/370,617**

(22) Filed: **Aug. 12, 2010**

(30) **Foreign Application Priority Data**

Mar. 18, 2010 (JP) ..... 2010-006724

(51) **LOC (9) Cl.** ..... **13-03**

(52) **U.S. Cl.** ..... **D13/182**

(58) **Field of Classification Search** ..... D13/182;  
333/181, 185; 336/65, 75, 83, 198, 200  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

6,653,923	B2 *	11/2003	Li et al.	.....	336/206
7,042,324	B2 *	5/2006	Watanabe	.....	336/192
7,358,841	B2 *	4/2008	Kamio	.....	336/83
7,463,130	B2 *	12/2008	Okii	.....	336/192
7,623,014	B2 *	11/2009	Hsieh et al.	.....	336/83
7,688,173	B2 *	3/2010	Azuma et al.	.....	336/200
7,791,445	B2 *	9/2010	Manoukian et al.	.....	336/200
7,812,700	B2 *	10/2010	Yoshimoto et al.	.....	336/192
7,855,627	B2 *	12/2010	Nishikawa et al.	.....	336/200

7,940,153	B2 *	5/2011	Watanabe	.....	336/192
2002/0190829	A1 *	12/2002	Chang et al.	.....	336/65
2003/0179062	A1 *	9/2003	Kuwata et al.	.....	336/83
2003/0193384	A1 *	10/2003	Yang	.....	336/65
2004/0174239	A1 *	9/2004	Shibata et al.	.....	336/83
2006/0267716	A1 *	11/2006	Peng et al.	.....	336/83
2007/0159282	A1 *	7/2007	Huang et al.	.....	336/83
2007/0188286	A1 *	8/2007	Yoshimoto et al.	.....	336/192

**OTHER PUBLICATIONS**

U.S. Appl. No. 29/373,837, filed May 27, 2011, Amano et al.

\* cited by examiner

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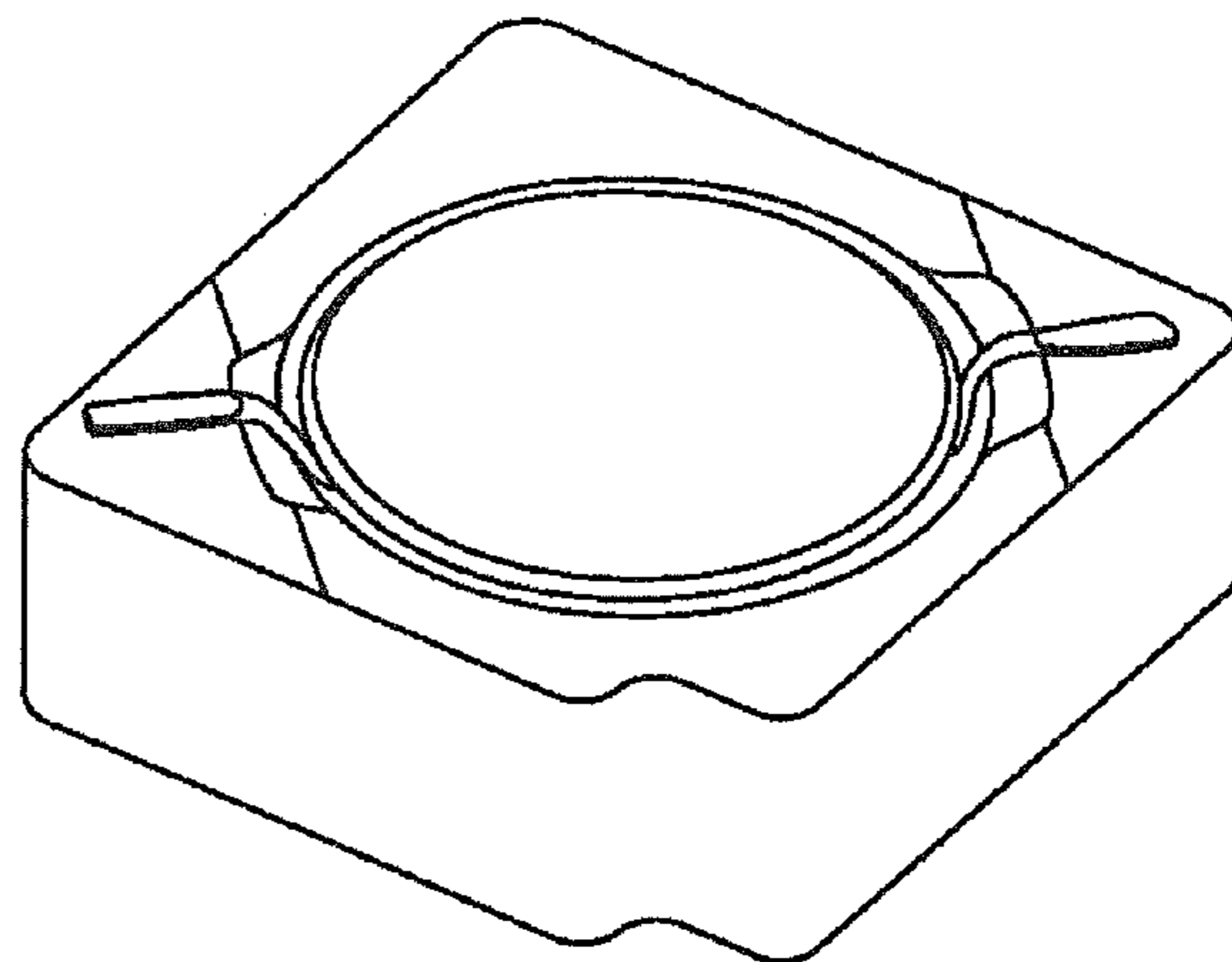
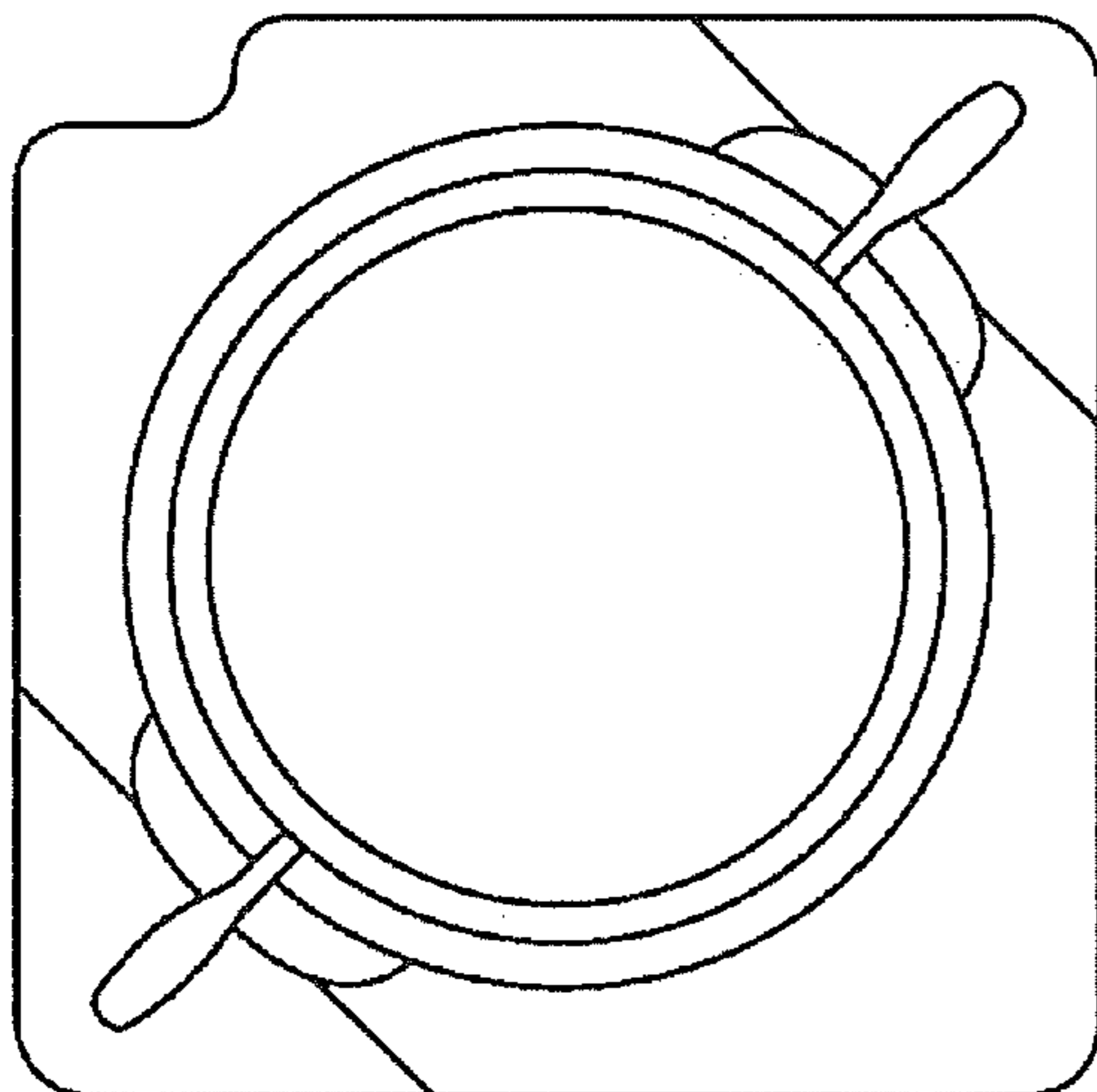
(57) **CLAIM**

The ornamental design for a surface-mounted coil, as shown and described.

**DESCRIPTION**

FIG. 1 is a front view of a surface-mounted coil illustrating my new design;  
FIG. 2 is a rear view thereof;  
FIG. 3 is a top view thereof;  
FIG. 4 is a bottom view thereof;  
FIG. 5 is a right side view thereof;  
FIG. 6 is a left side view thereof; and,  
FIG. 7 is a perspective view thereof.

**1 Claim, 4 Drawing Sheets**



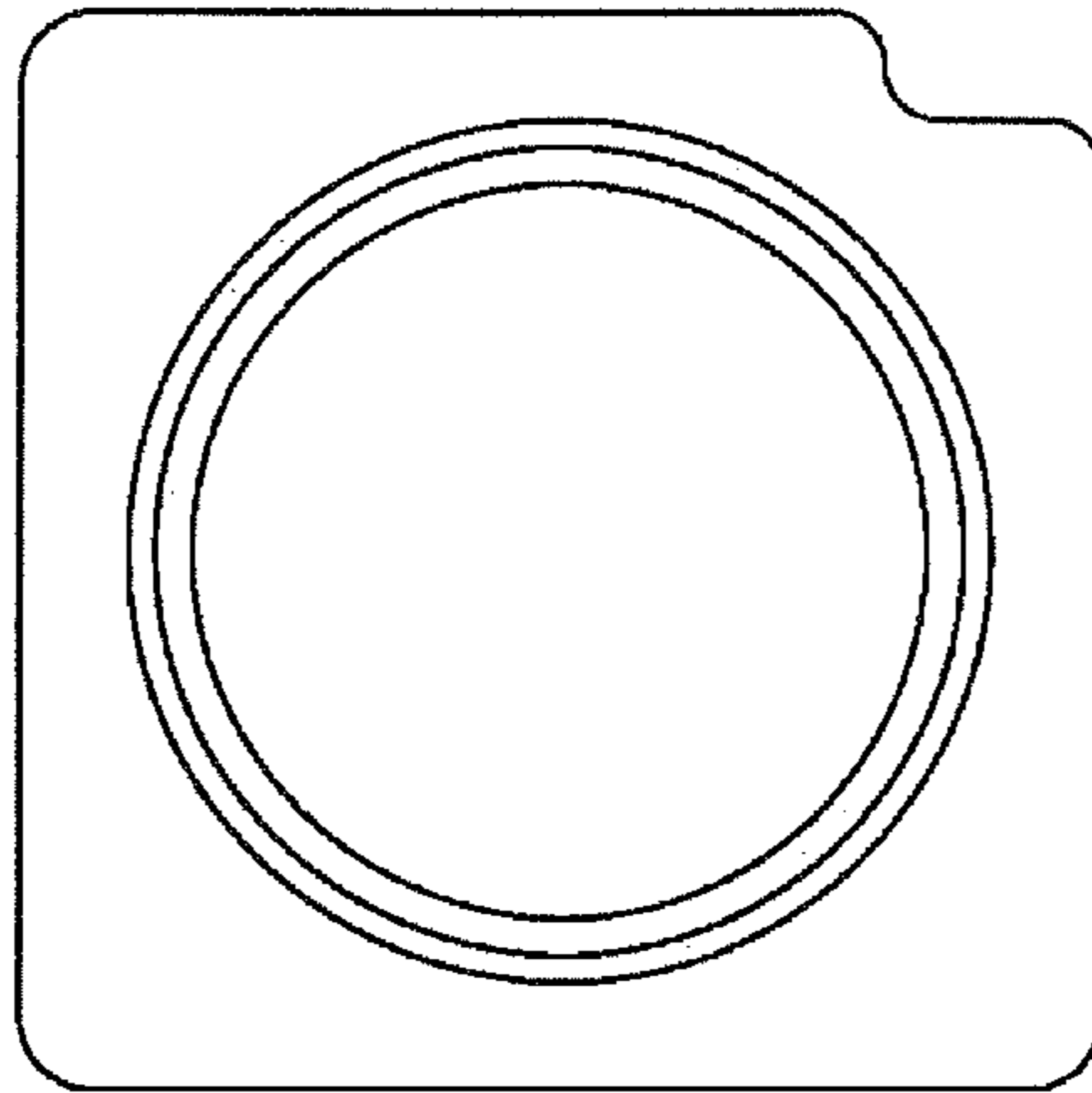


Fig. 1

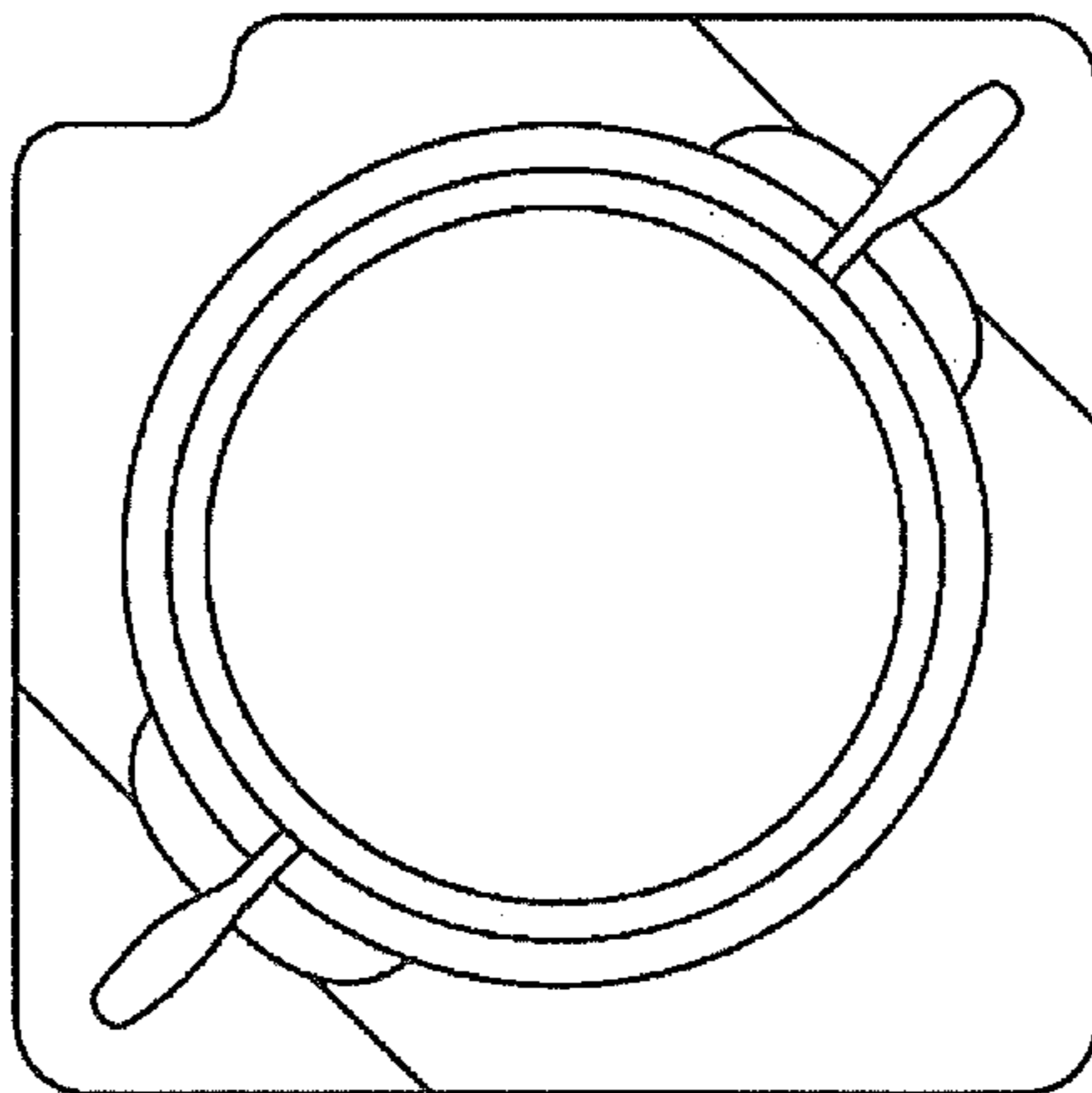


Fig. 2

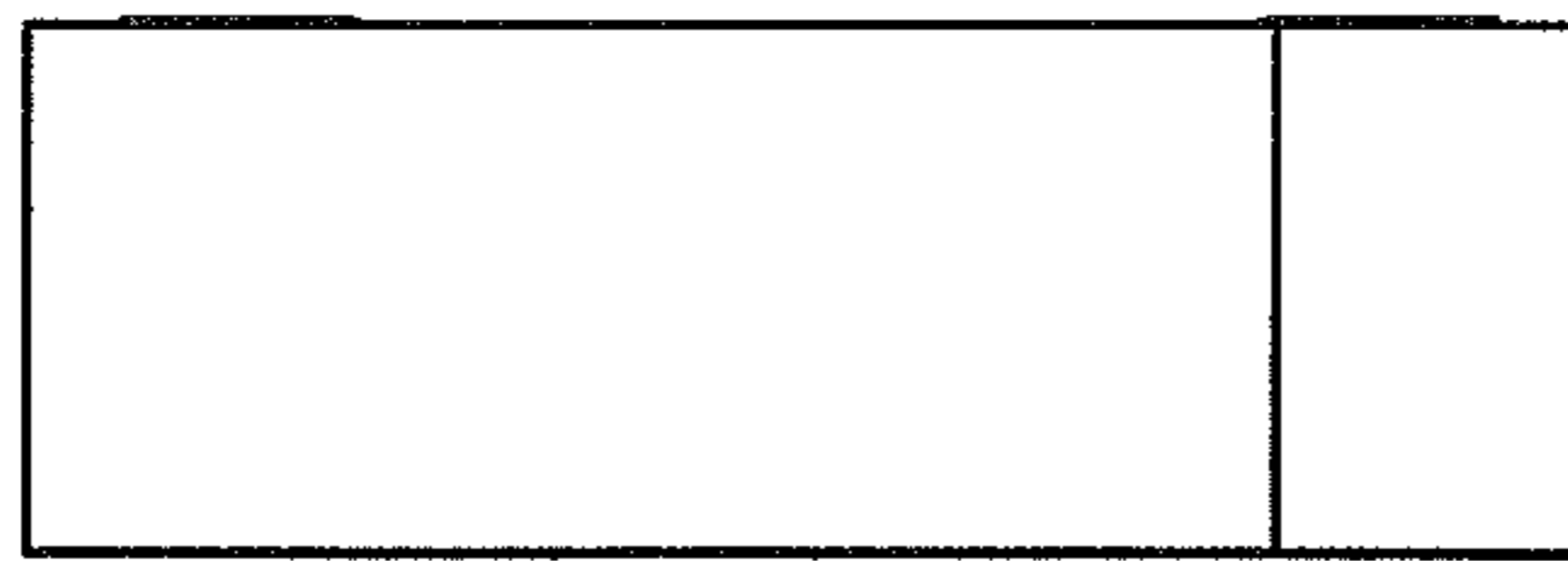


Fig. 3

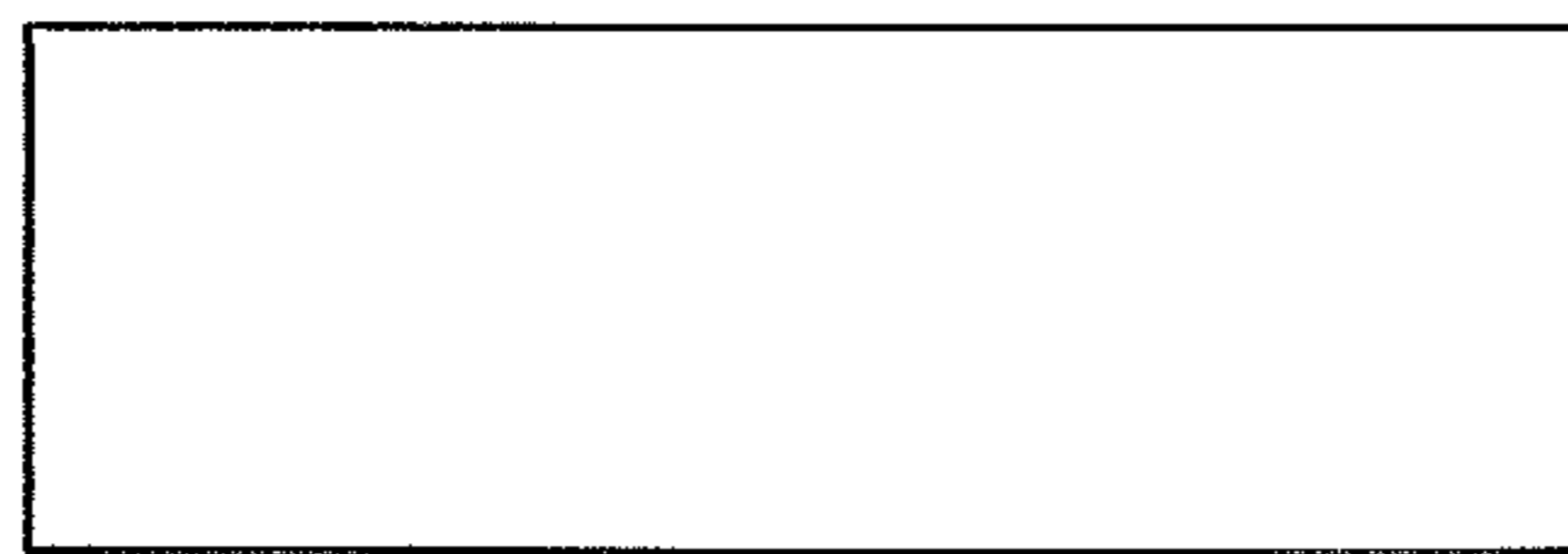


Fig. 4

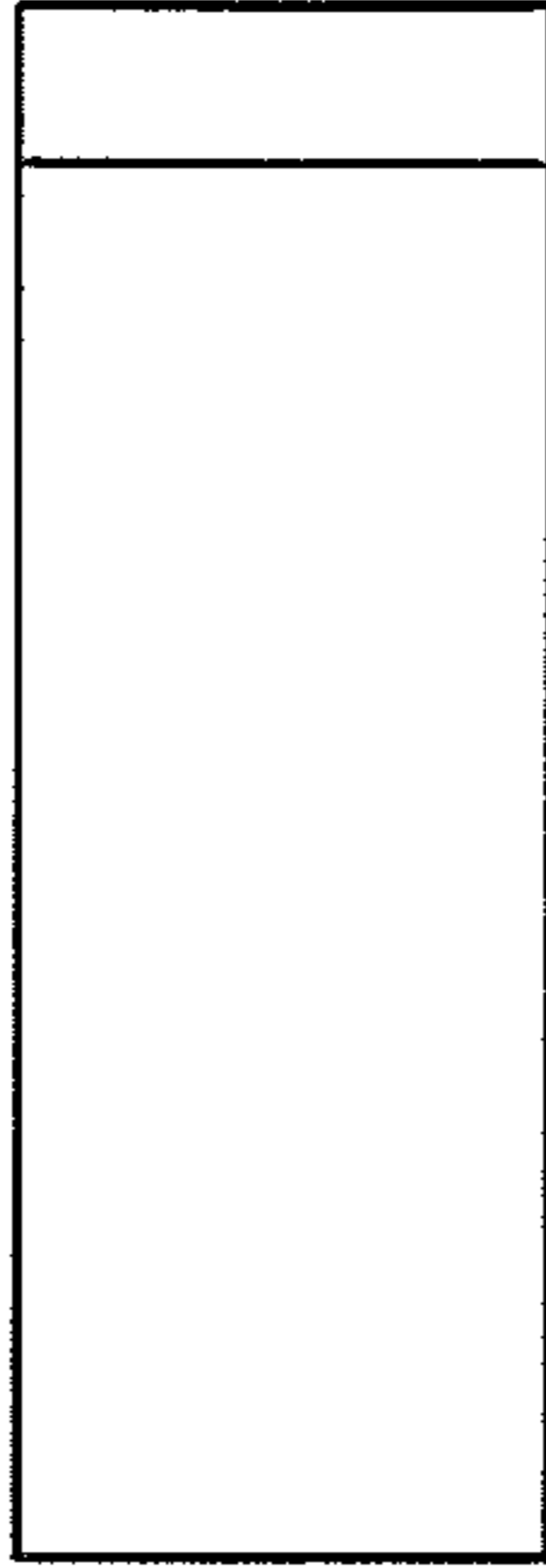


Fig. 5

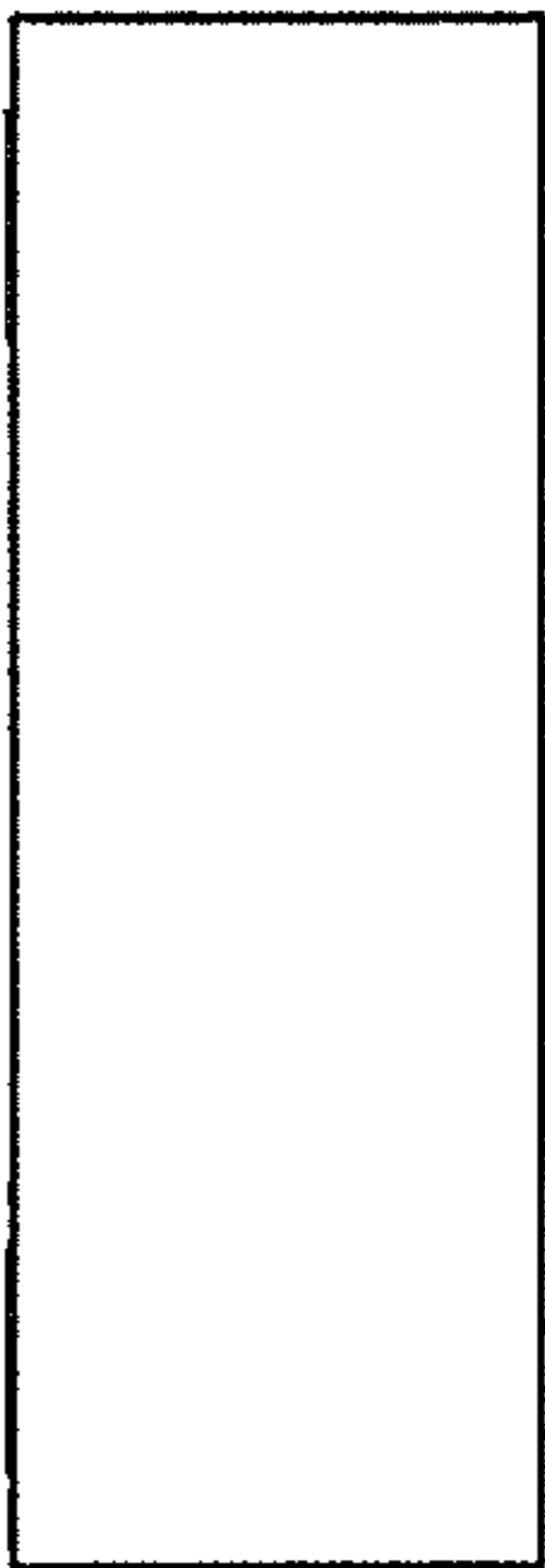


Fig. 6

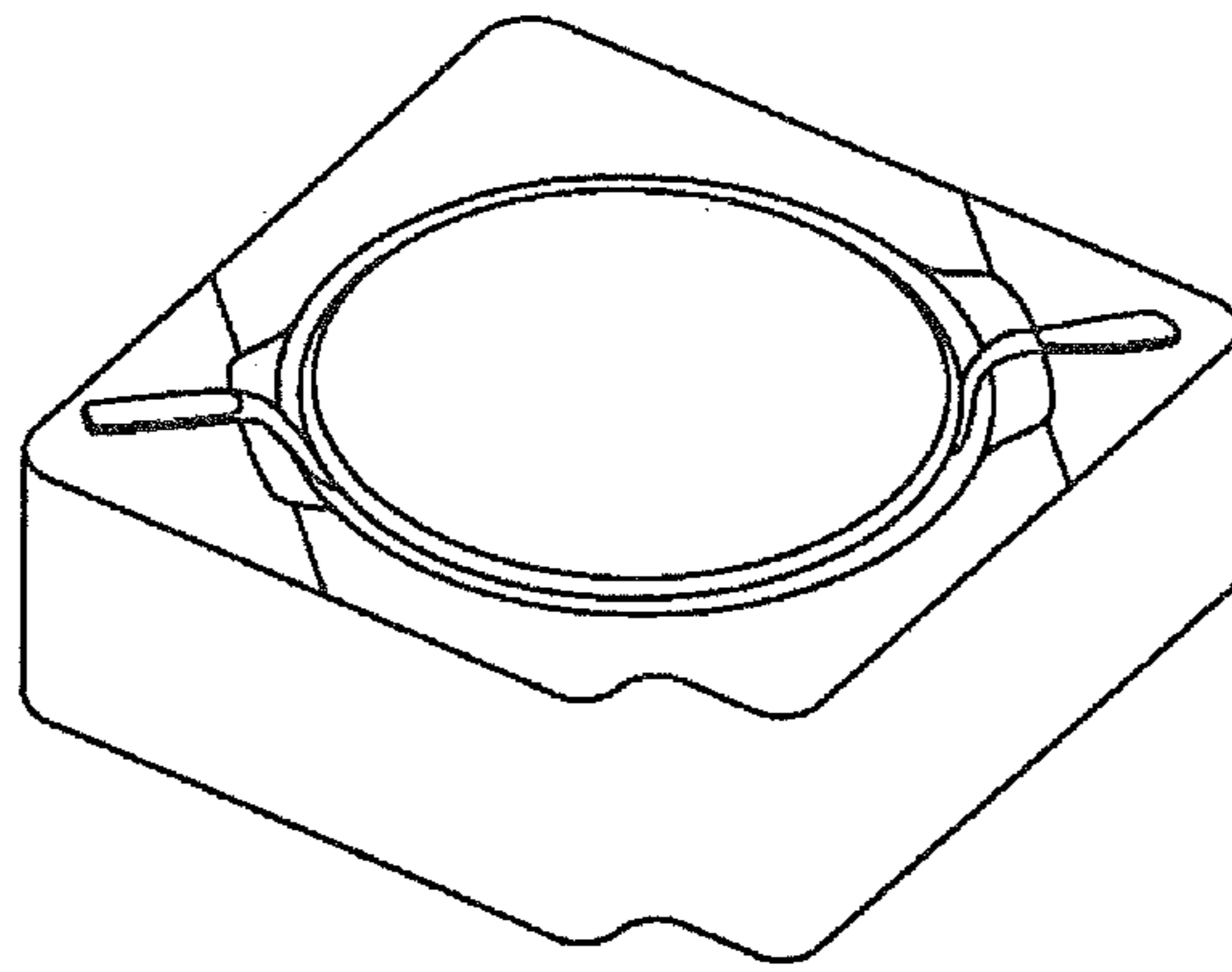


Fig. 7