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

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(54) **THROWAWAY INSERT FOR A PIN MIRROR CUTTER**

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Hyogo (JP)

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

(21) Appl. No.: **29/270,835**

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Jul. 5, 2006	(JP)	.....	2006-017651
Jul. 5, 2006	(JP)	.....	2006-017652

(51) **LOC (8) Cl.** ..... **15-09**

(52) **U.S. Cl.** ..... **D15/139**

(58) **Field of Classification Search** ..... D15/138,  
D15/139; 407/112–119, 35, 42  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,963,061 A \* 10/1990 Katbi et al. .... 407/114

D347,642 S *	6/1994	Lindberg	.....	D15/139
D367,866 S *	3/1996	Pantzar et al.	.....	D15/139
D369,362 S *	4/1996	Pantzar et al.	.....	D15/139
7,008,146 B2 *	3/2006	DeRoche et al.	.....	407/42
2006/0147279 A1 *	7/2006	Satran et al.	.....	407/40
2008/0025802 A1 *	1/2008	Kukino	.....	407/42

\* cited by examiner

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(57) **CLAIM**

The ornamental design for a throwaway insert for a pin mirror cutter, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a throwaway insert for a pin mirror cutter, showing our new design;

FIG. 2 is a top plan view thereof;

FIG. 3 is a front view thereof;

FIG. 4 is a right-hand side view thereof;

FIG. 5 is a sectional view taken along line 5—5 of FIG. 2; and,

FIG. 6 is a sectional view taken along line 6—6 of FIG. 2.

**1 Claim, 3 Drawing Sheets**

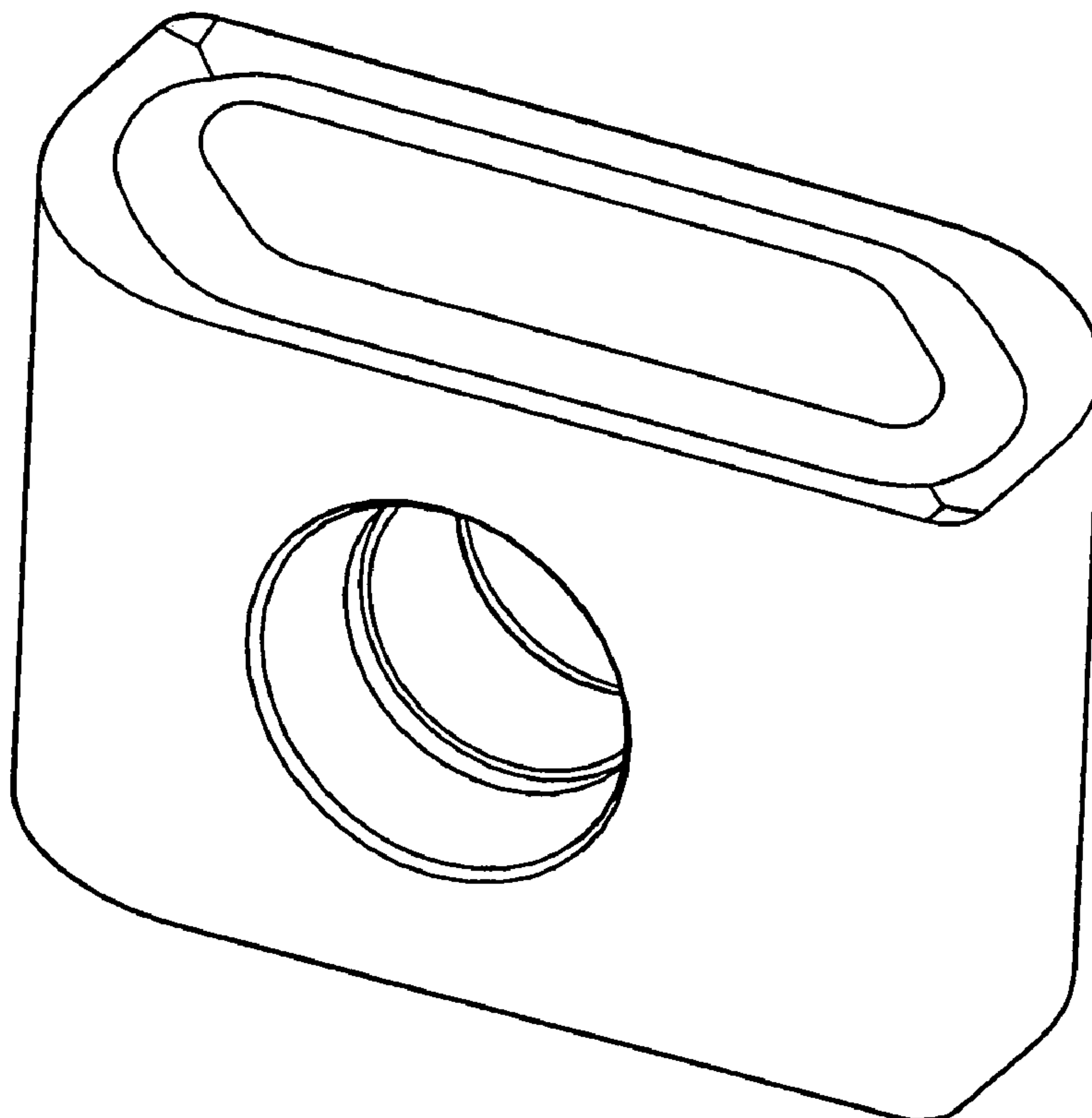


FIG. 1

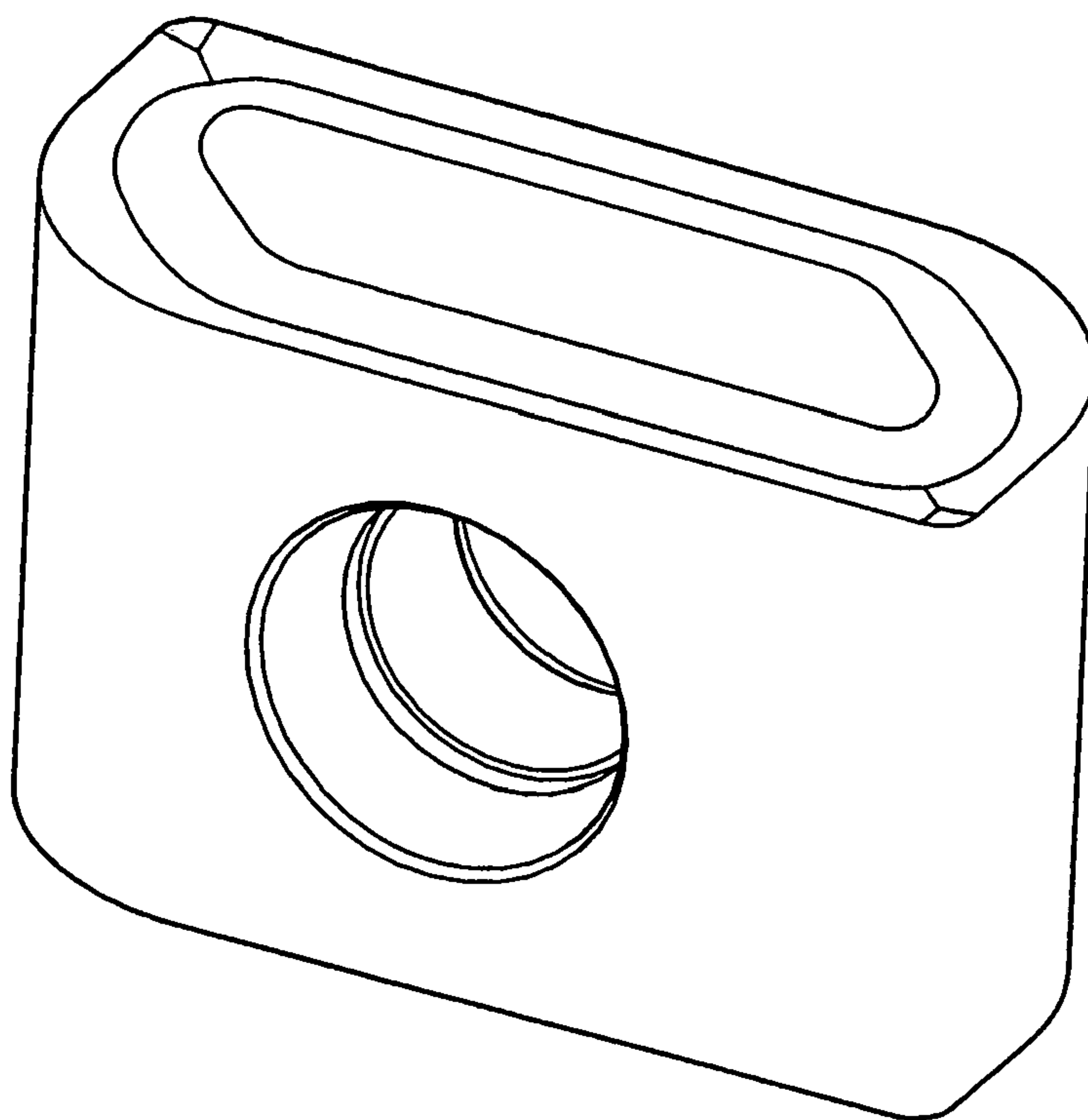


FIG. 2

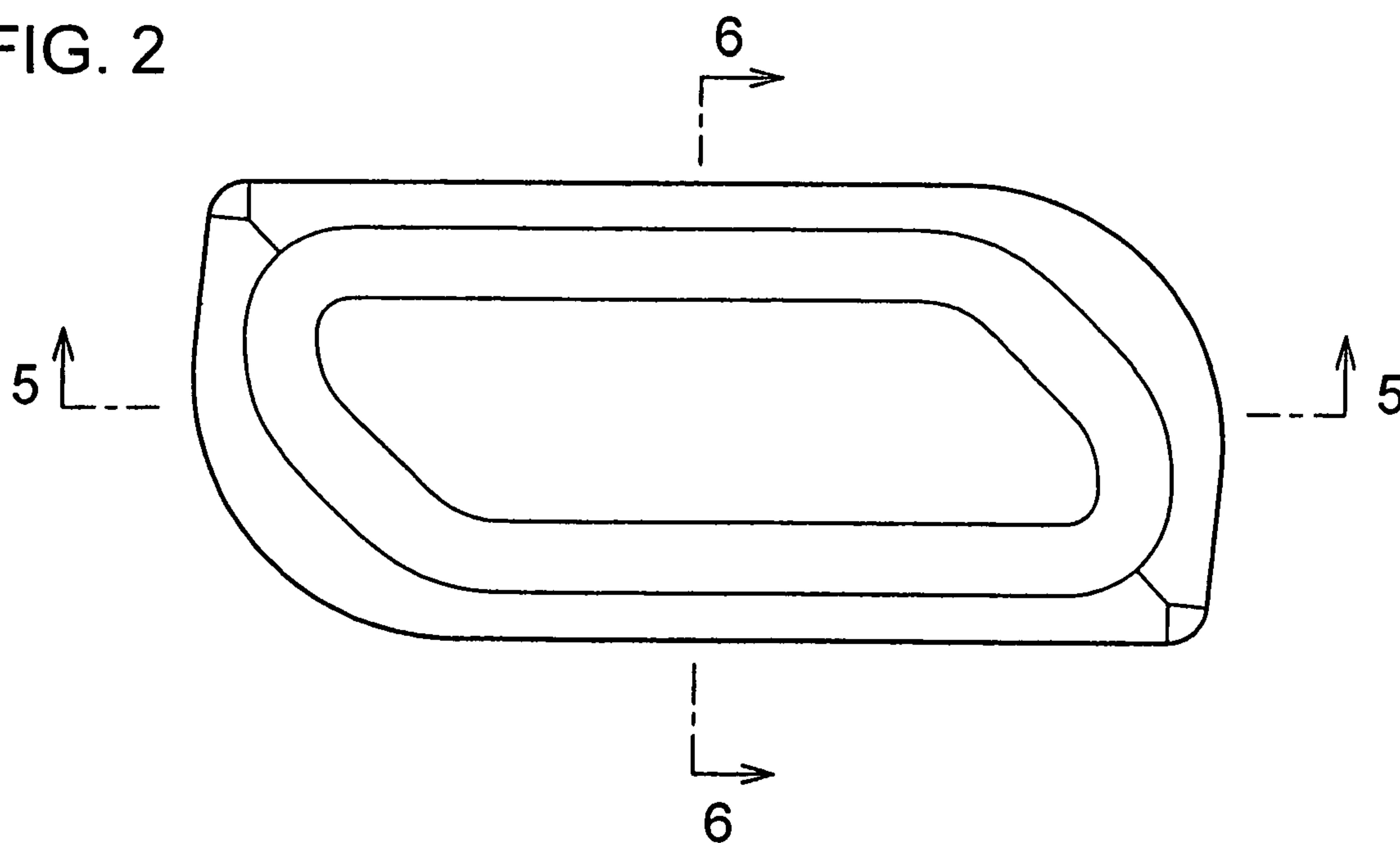


FIG. 3

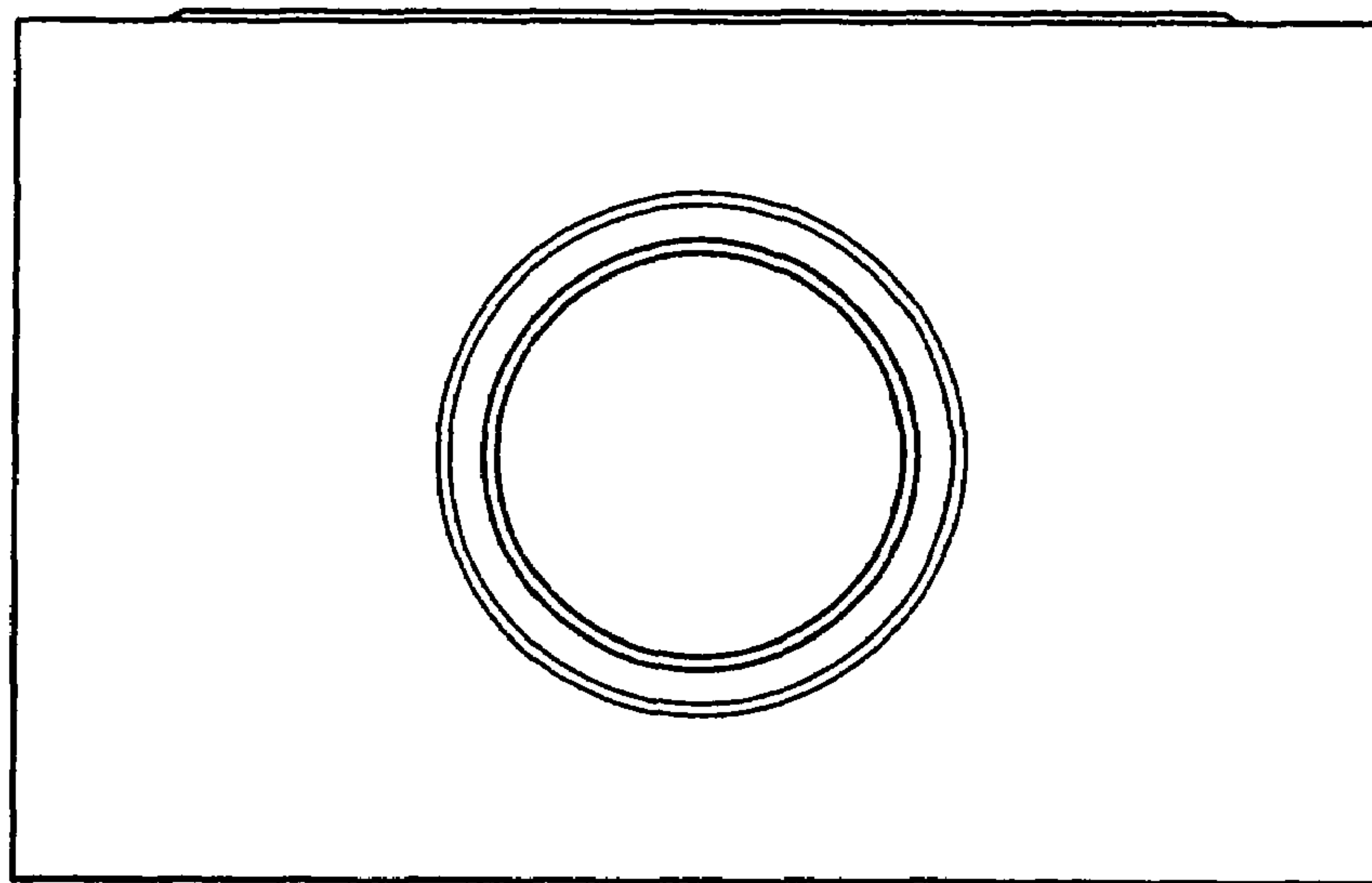


FIG. 4

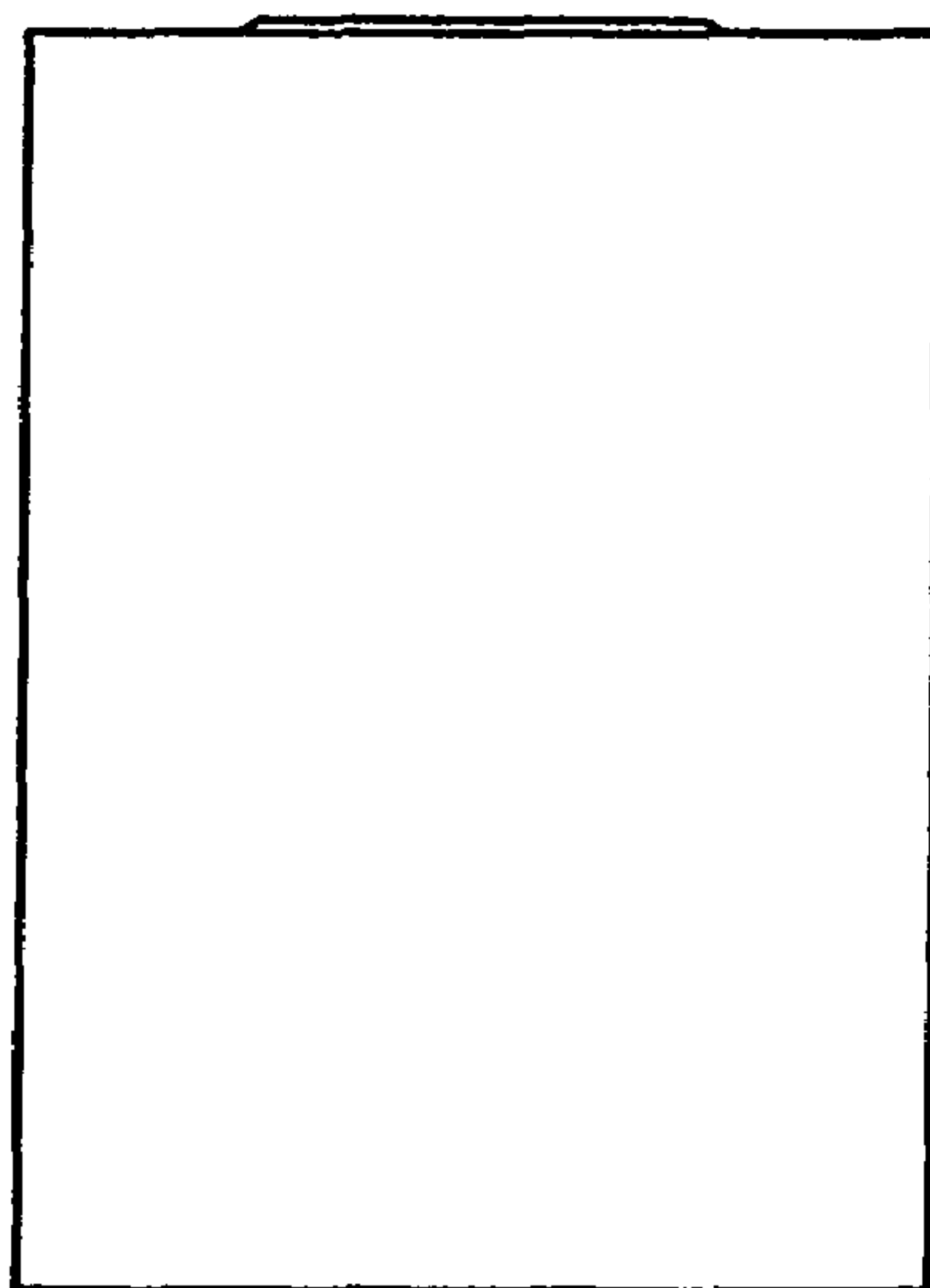


FIG. 5

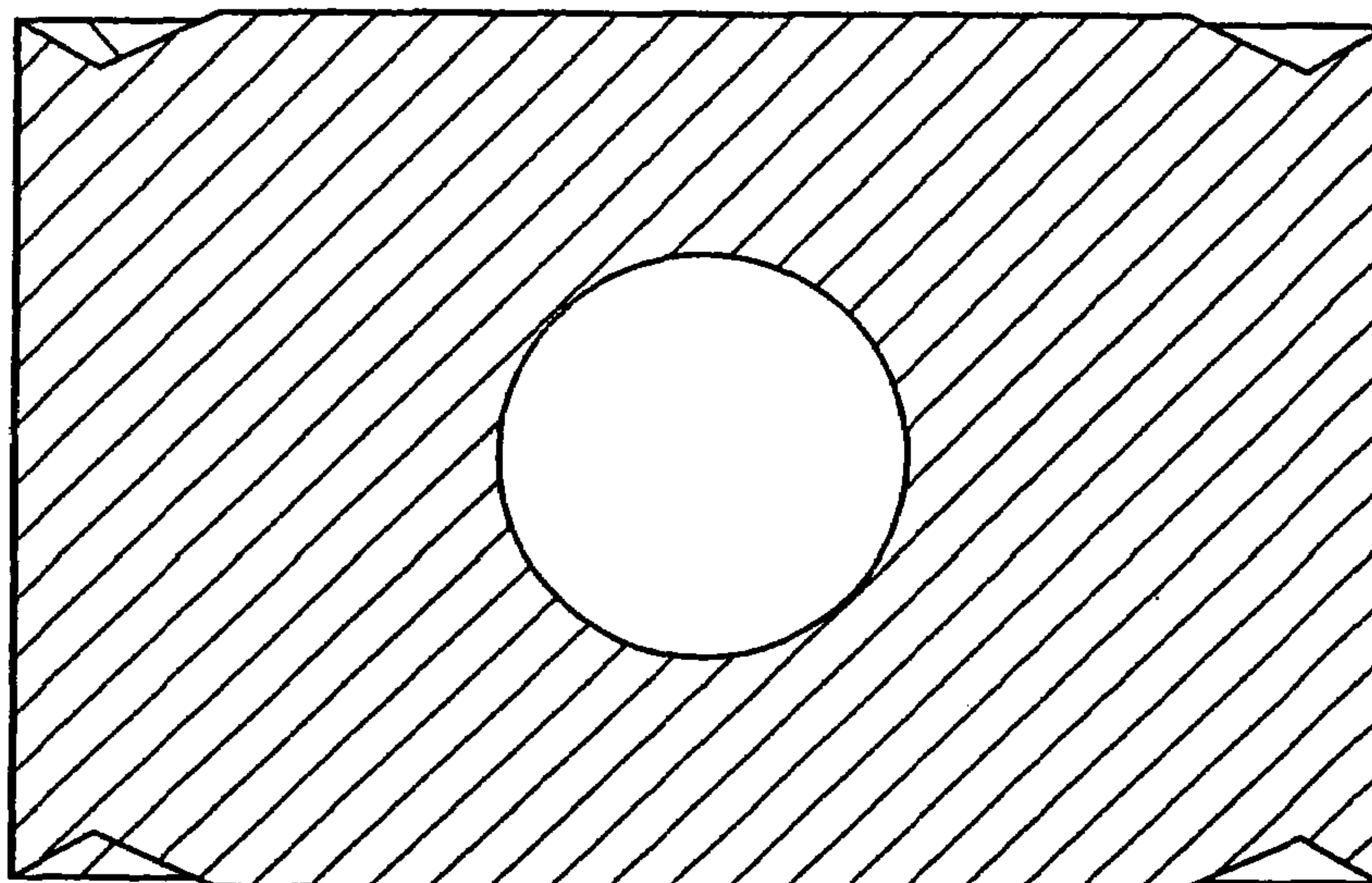


FIG. 6

