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

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(45) **Date of Patent:** **** Mar. 31, 2009**

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

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Shigenori Emoto, Hyogo (JP); **Akio Nakamura**, Hyogo (JP)

(73) Assignee: **Sumitomo Electric Hardmetal Corp.**,
Hyogo (JP)

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

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Related U.S. Application Data

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(30) **Foreign Application Priority Data**

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

(51) **LOC (9) Cl.** **15-09**

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

(58) **Field of Classification Search** D15/138,
D15/139, 140; 407/35, 42, 112-119
See application file for complete search history.

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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;

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. 3;

FIG. 6 is a sectional view taken along line 6—6 of FIG. 3; and,

FIG. 7 is a sectional view taken along line 7—7 of FIG. 3.

1 Claim, 4 Drawing Sheets

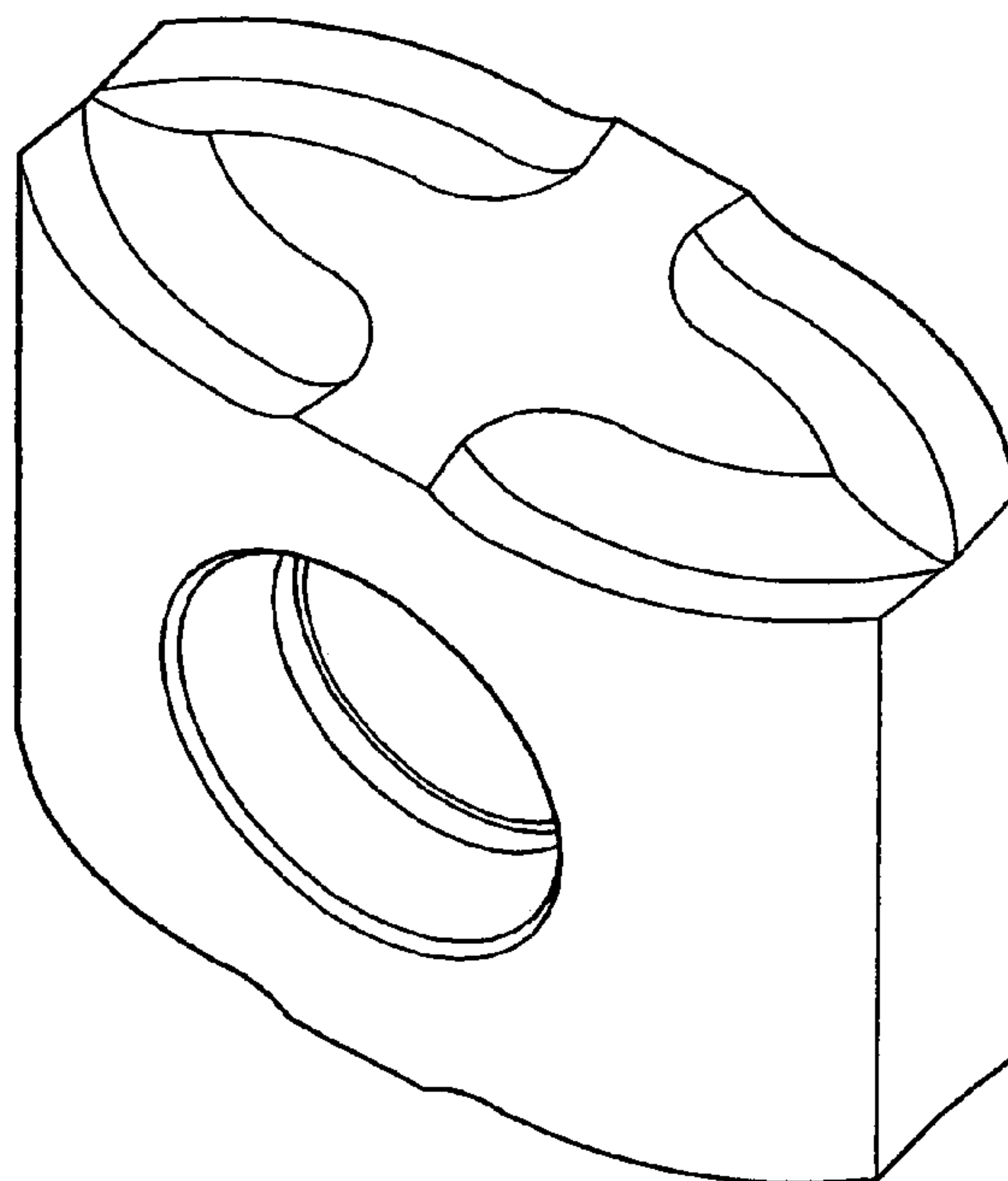


FIG. 1

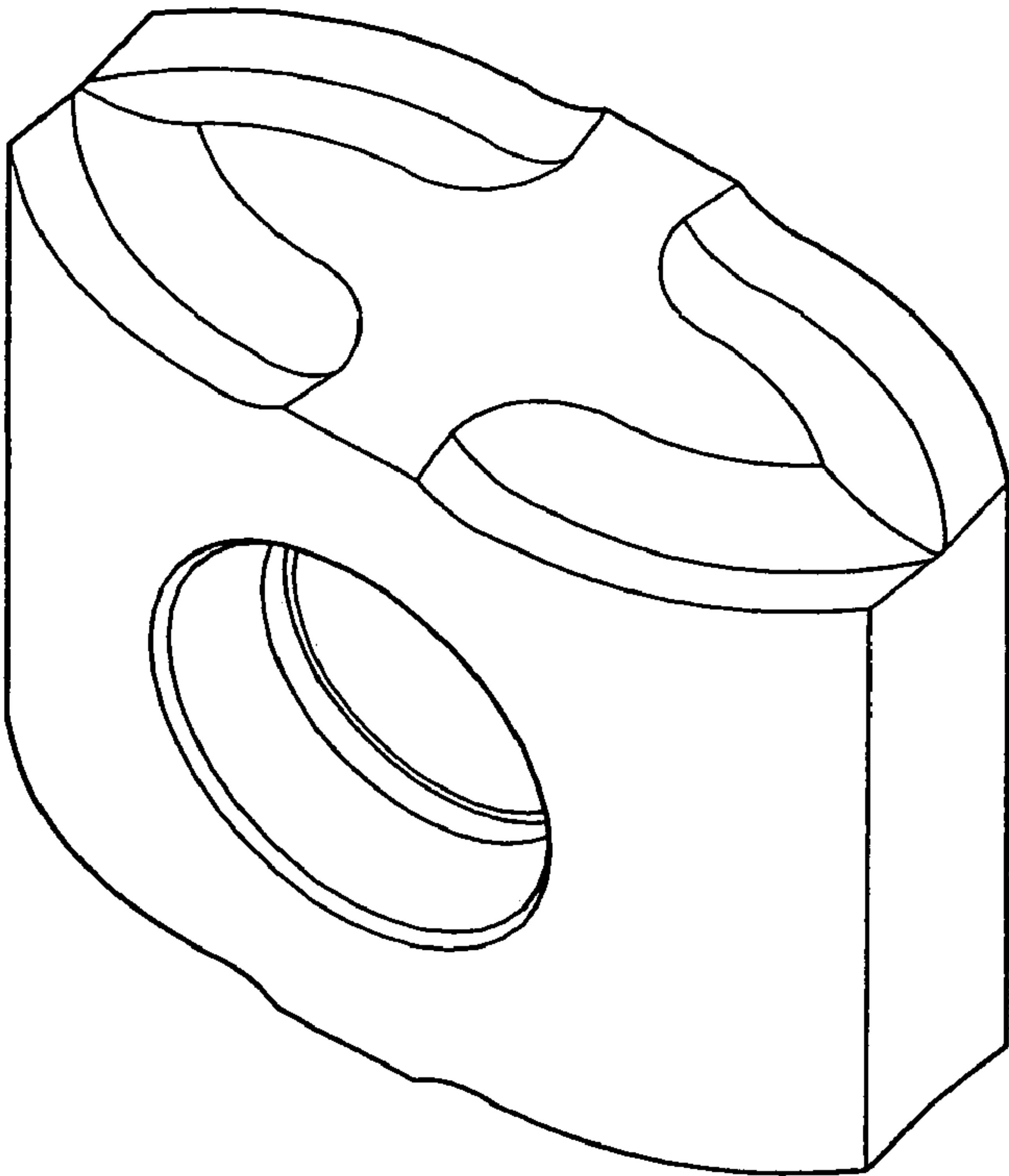


FIG. 2

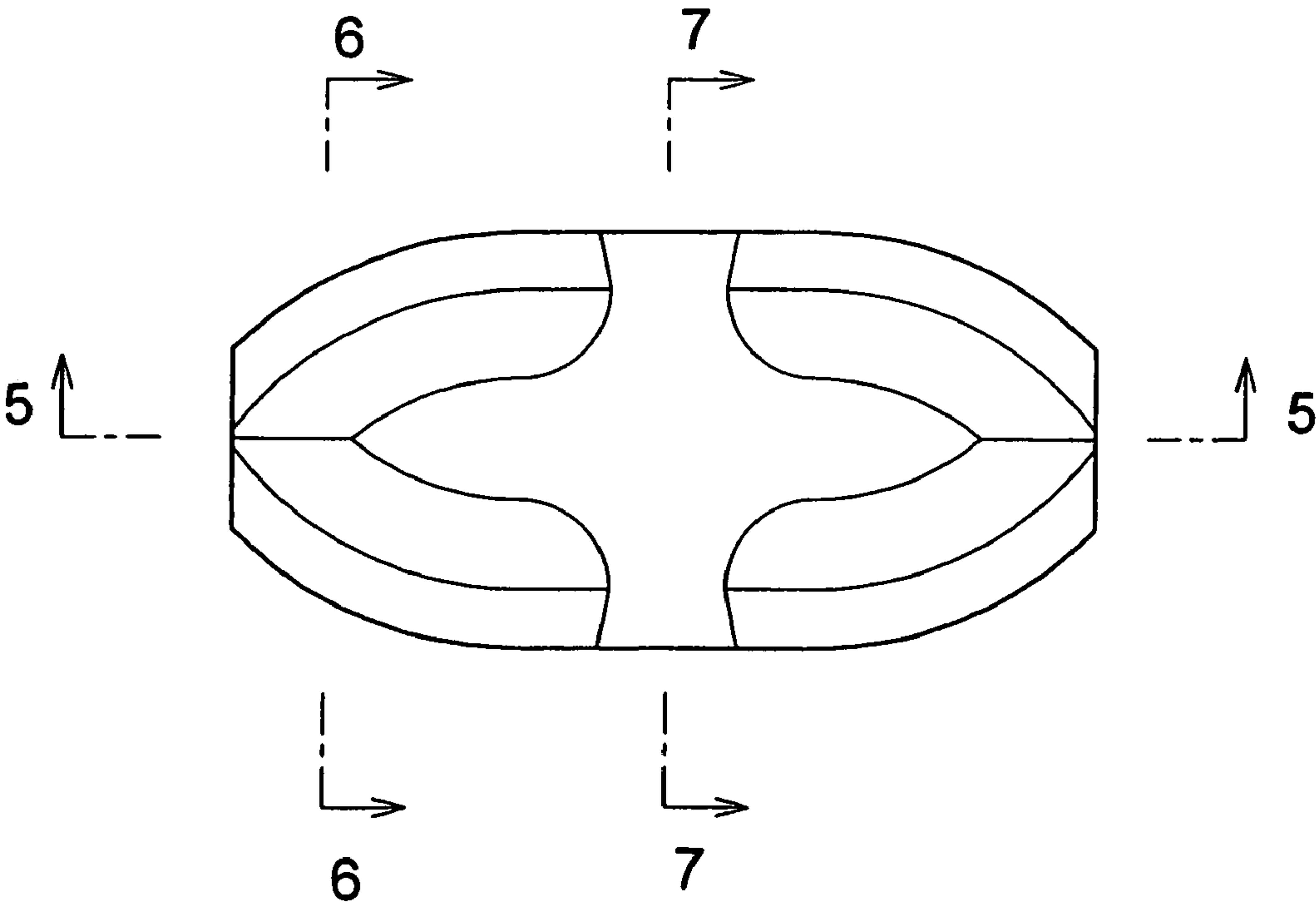


FIG. 3

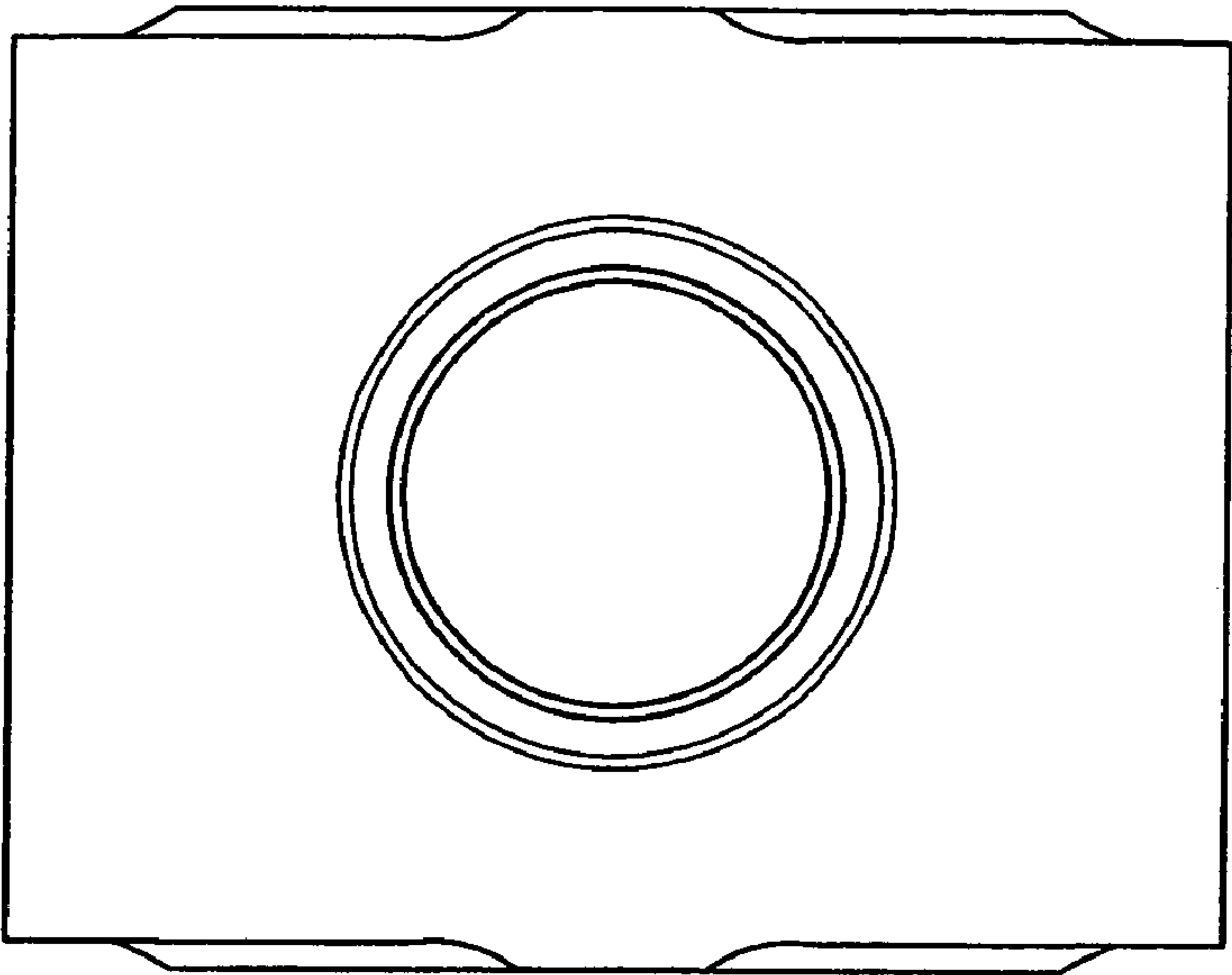


FIG. 4

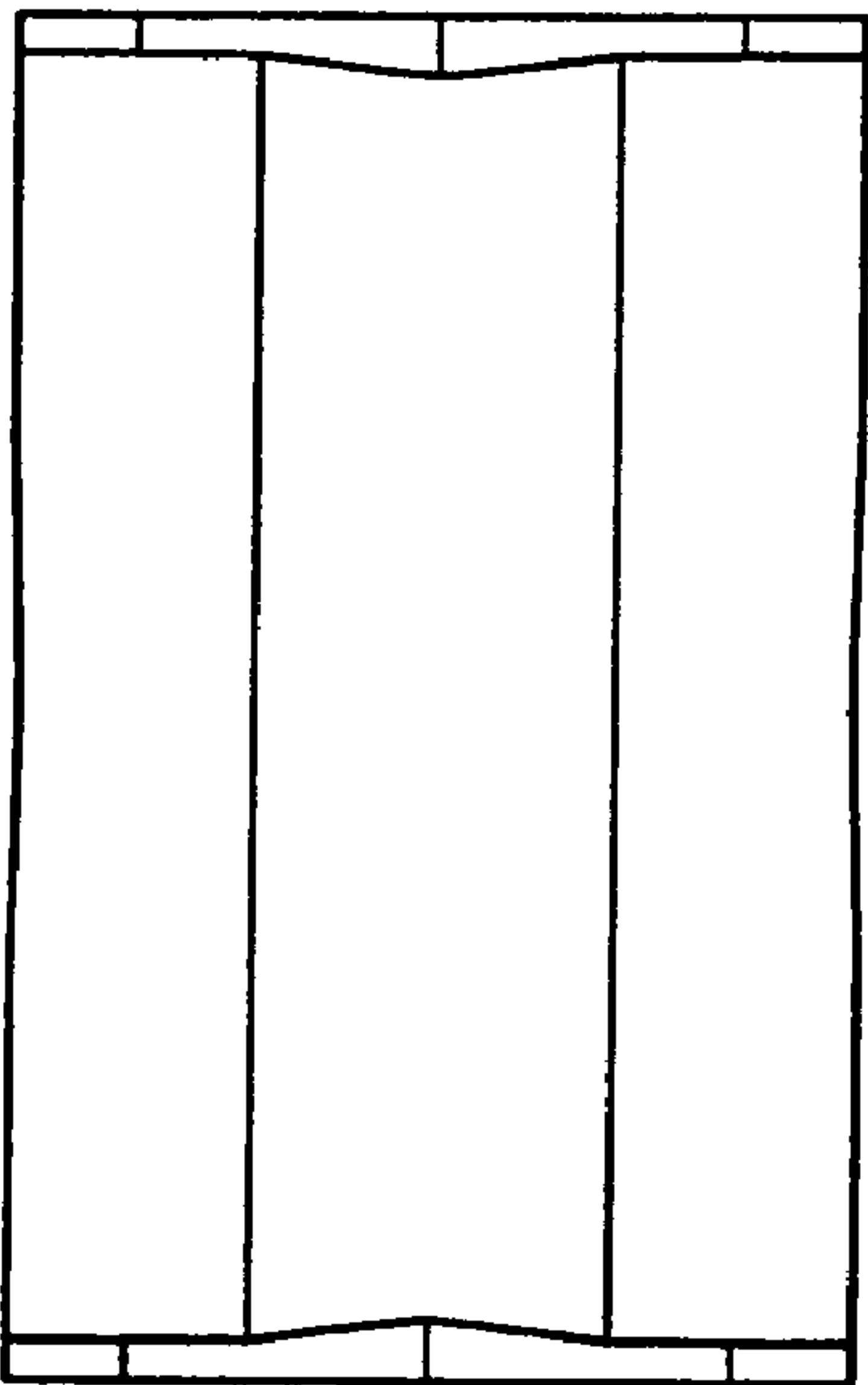


FIG. 5

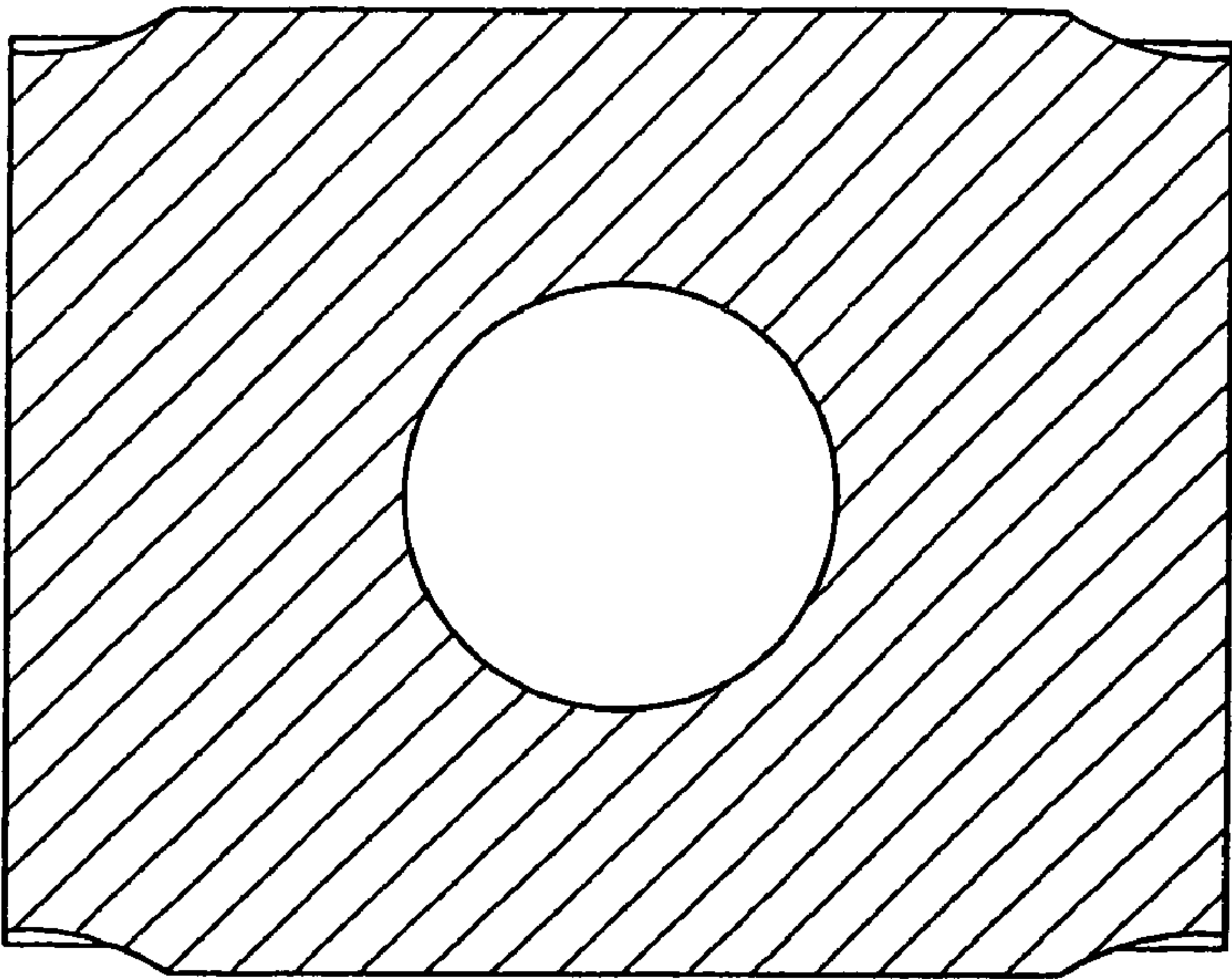


FIG. 6

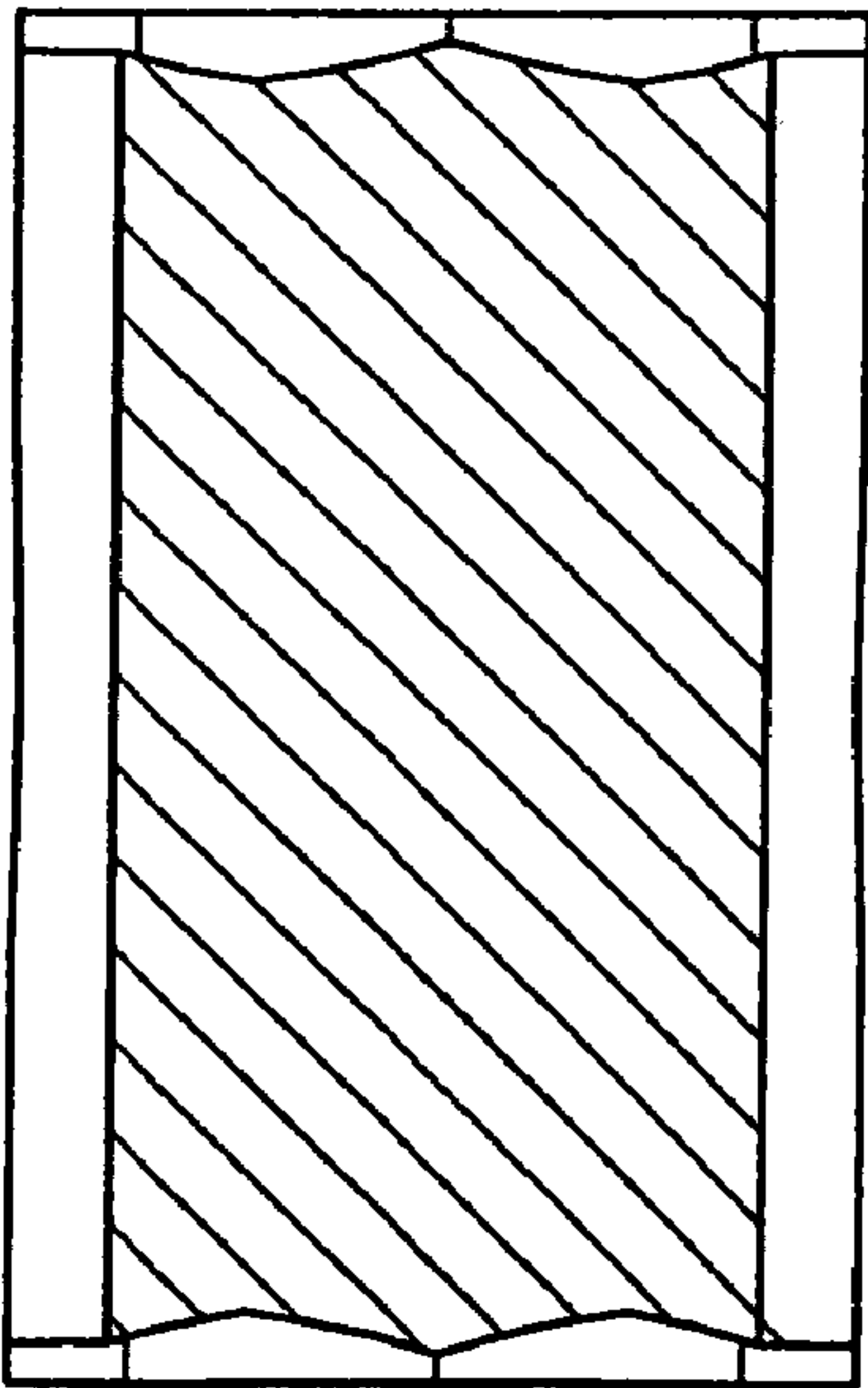


FIG. 7

