



US00D345985S

United States Patent [19]

[11] Patent Number: **Des. 345,985**

Ishikawa et al.

[45] Date of Patent: **** Apr. 12, 1994**

[54] CUTTER INSERT

OTHER PUBLICATIONS

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Applied Machinery Engineering, No. 272, Nov. 1982, p. 111.

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Tokyo, Japan

Mitsubishi Metal Corporation, "Mitsubishi Carbide Turning System", CE002, 7.89.N(8B).

[**] Term: **14 Years**

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Assistant Examiner—Antoine D. Davis
Attorney, Agent, or Firm—Cushman, Darby & Cushman

[21] Appl. No.: **869,150**

[57] CLAIM

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

[22] Filed: **Apr. 14, 1992**

DESCRIPTION

[52] U.S. Cl. **D15/139**

FIG. 1 is a perspective view of a cutter insert showing our new design;

[58] Field of Search 407/110-114;

FIG. 2 is a front elevation view thereof;

D15/138, 139

FIG. 3 is a rear elevation view thereof;

FIG. 4 is a right side elevation view thereof;

FIG. 5 is a left side elevation view thereof;

FIG. 6 is a top plan view thereof;

FIG. 7 is a bottom view thereof;

FIG. 8 is a cross-sectional view taken along line 8—8 in FIG. 2; and,

FIG. 9 is a cross-sectional view taken along line 9—9 in FIG. 2.

[56] References Cited

U.S. PATENT DOCUMENTS

| | | | | |
|------------|---------|------------------|-------|-----------|
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| 4,561,809 | 12/1985 | Porat et al. | | D15/139 X |
| 4,808,045 | 2/1989 | Tsujimura et al. | | 408/204 |

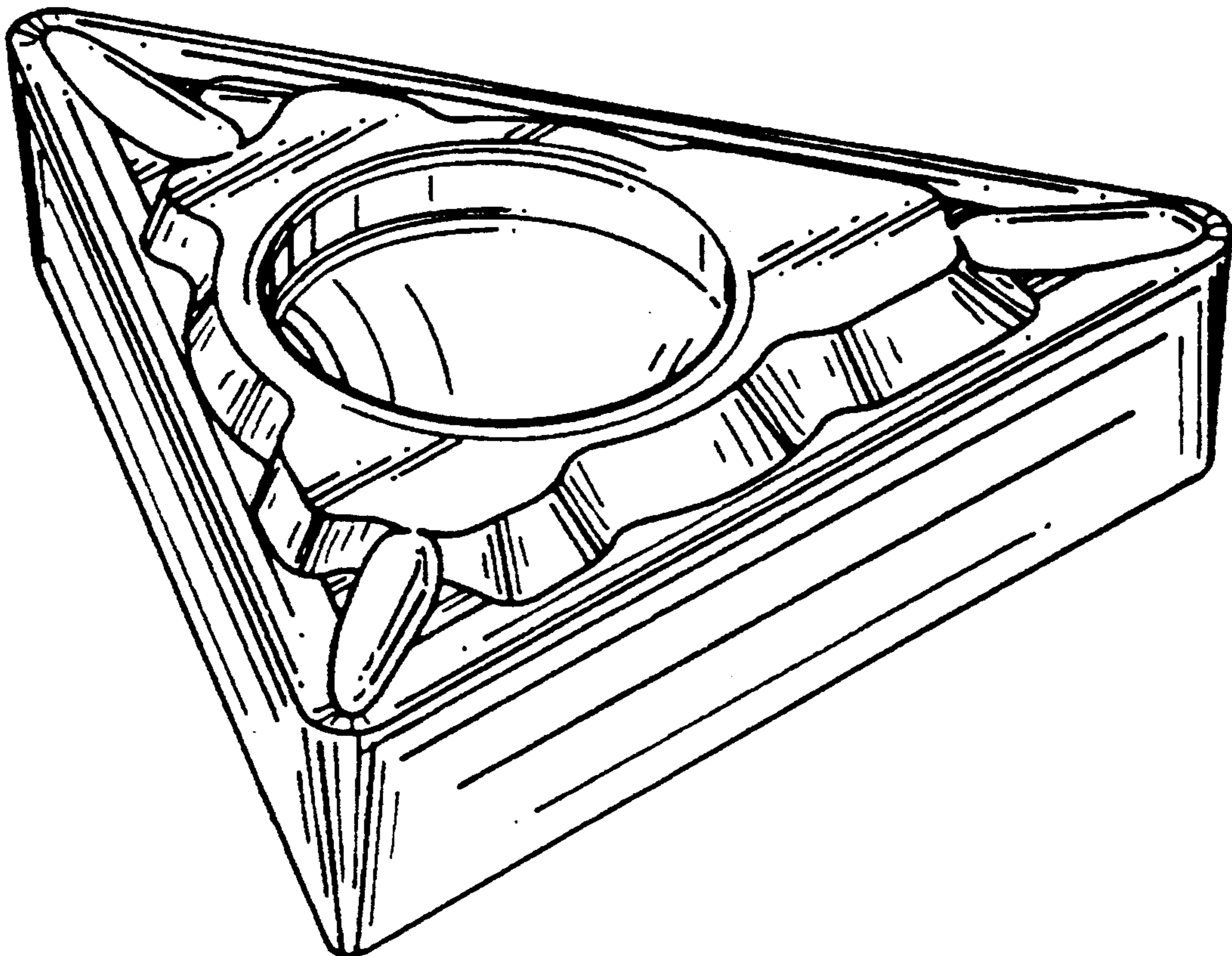


FIG.1

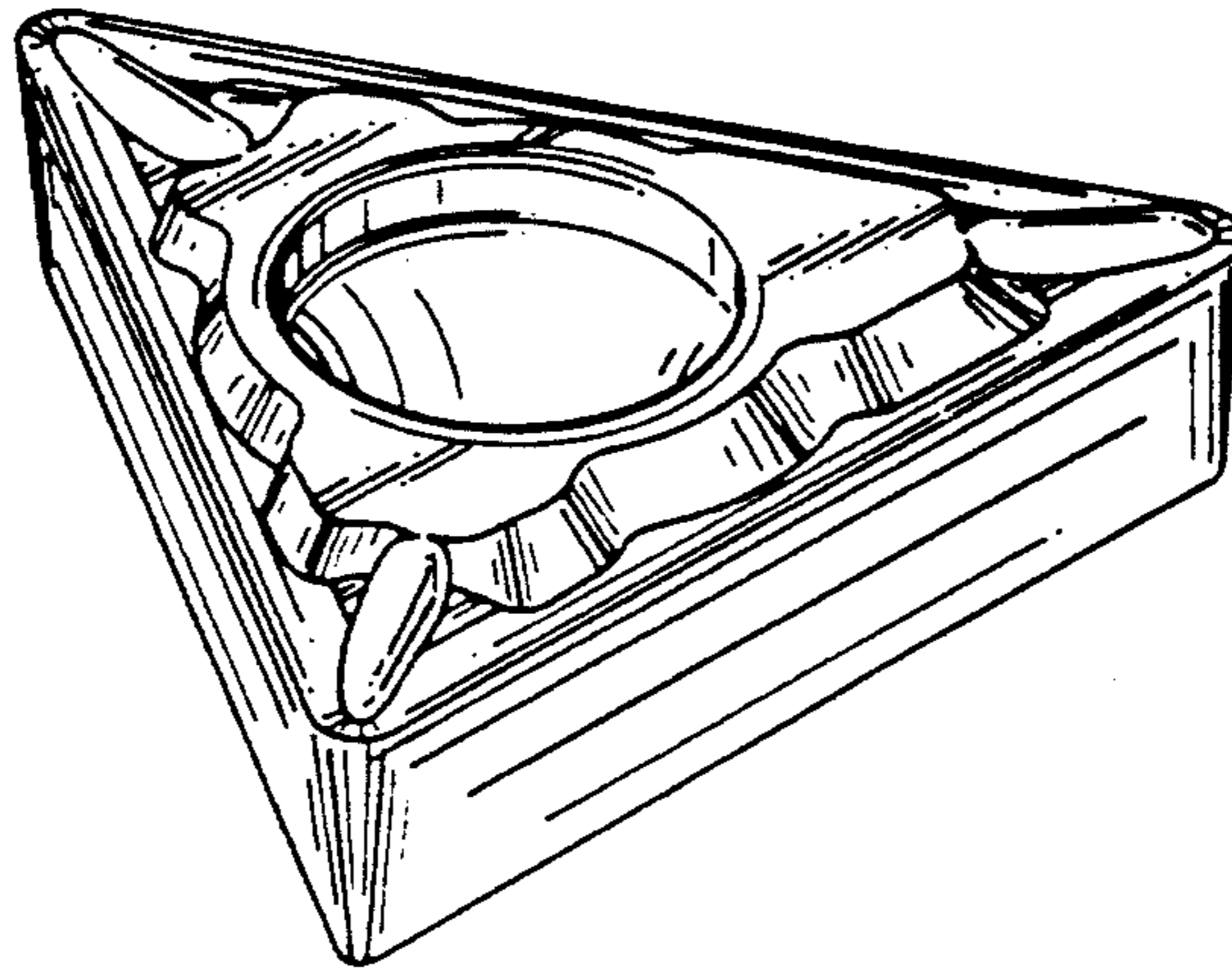


FIG.2

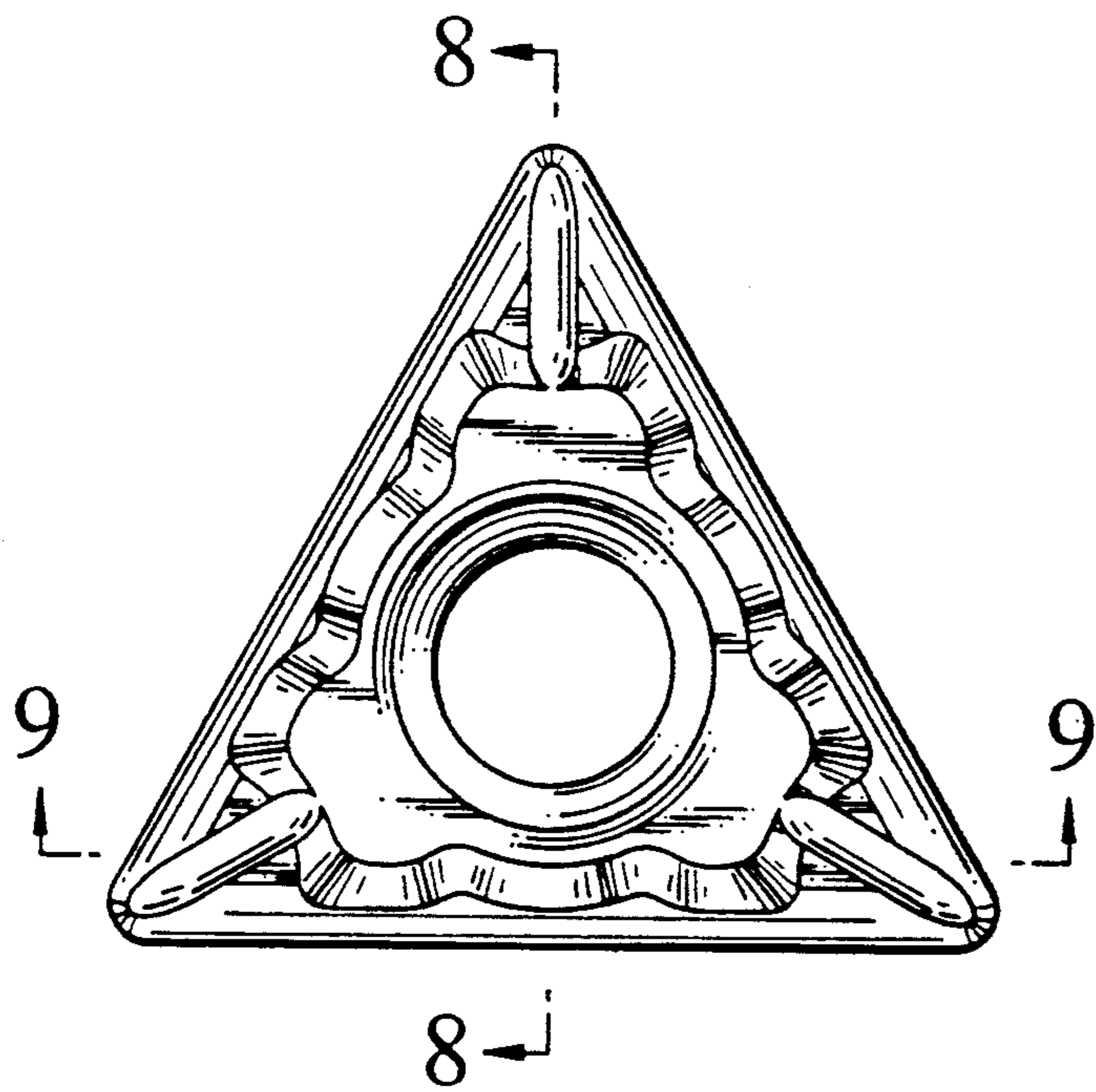


FIG.3

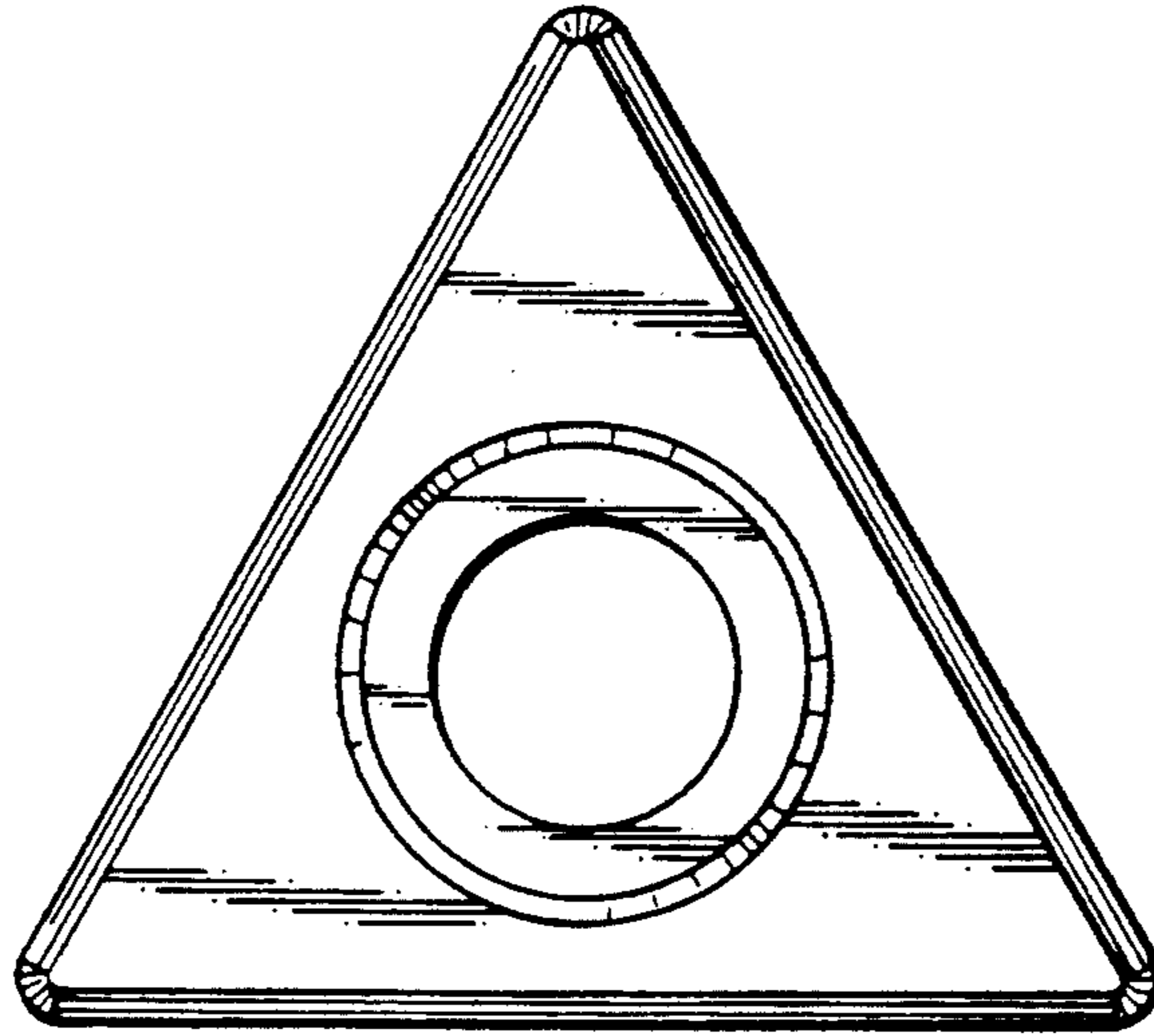


FIG.4

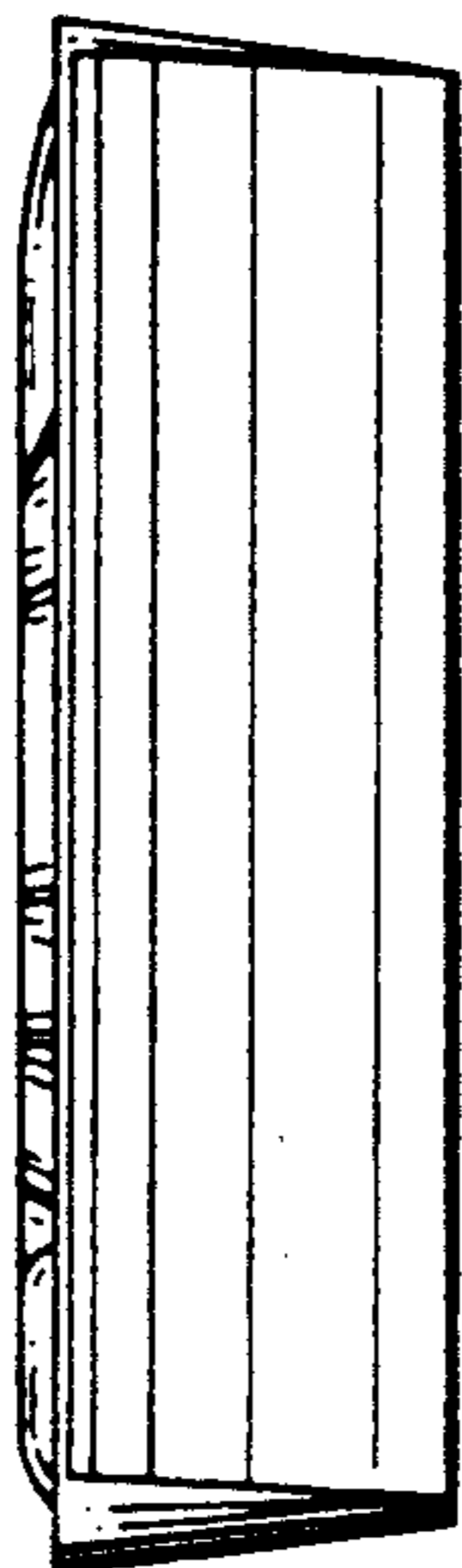


FIG.5



FIG.6

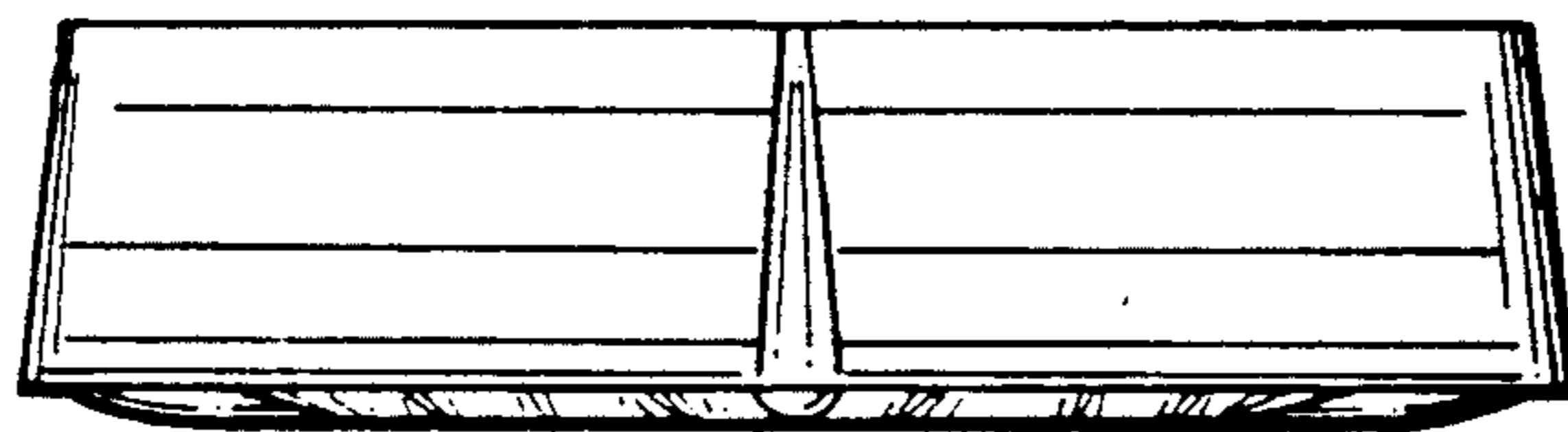


FIG.7

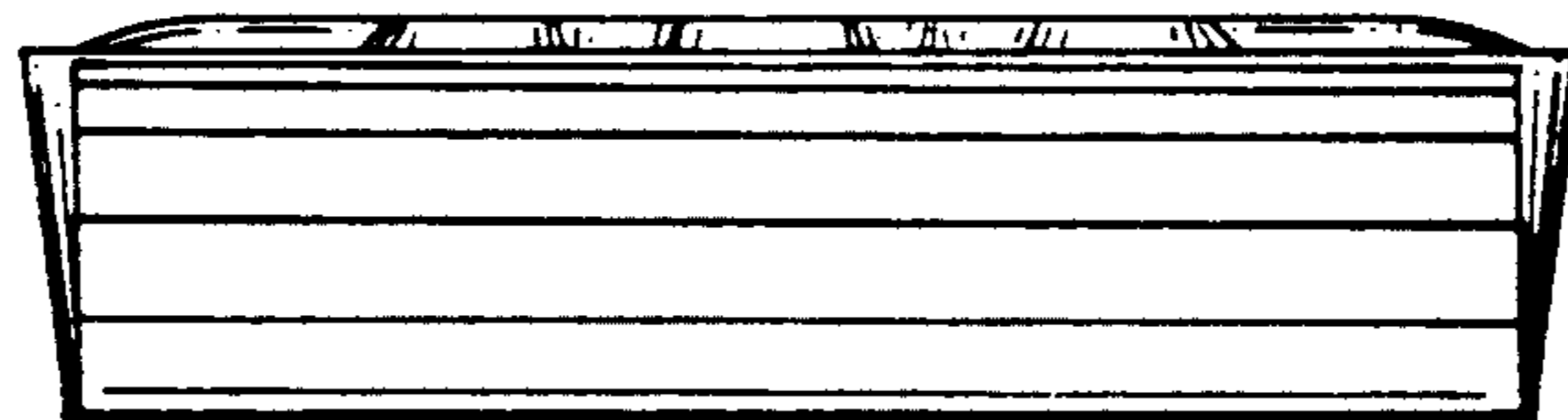


FIG.8

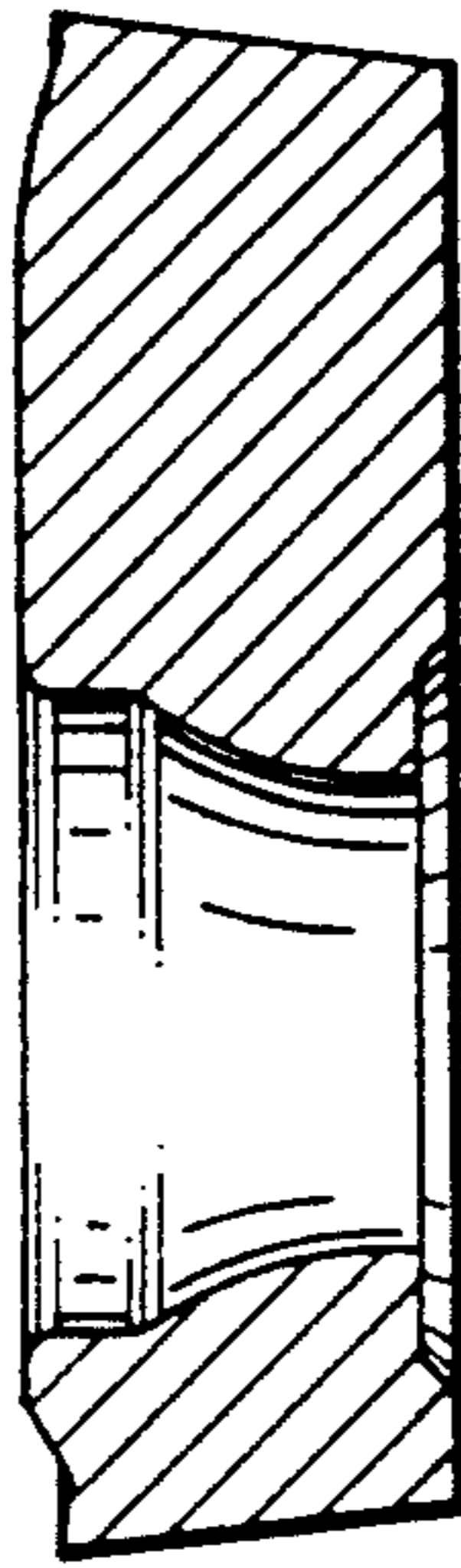


FIG.9

