



US00D345984S

# United States Patent [19]

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Ishikawa et al.

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

[54] **CUTTER INSERT**

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[73] Assignee: **Mitsubishi Materials Corporation,**  
Tokyo, Japan

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

[21] Appl. No.: **869,149**

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

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

[58] Field of Search ..... **407/110-117;**  
**D15/138, 139**

[56] **References Cited**

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Japanese Utility Model Application Laid Open No. Sho63-158708.

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[57] **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a perspective view of a cutter insert showing our new design;  
FIG. 2 is a front elevation view thereof;  
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;  
FIG. 9 is a cross-sectional view taken along line 9—9 in FIG. 2; and,  
FIG. 10 is a cross-sectional view taken along line 10—10 in FIG. 2.

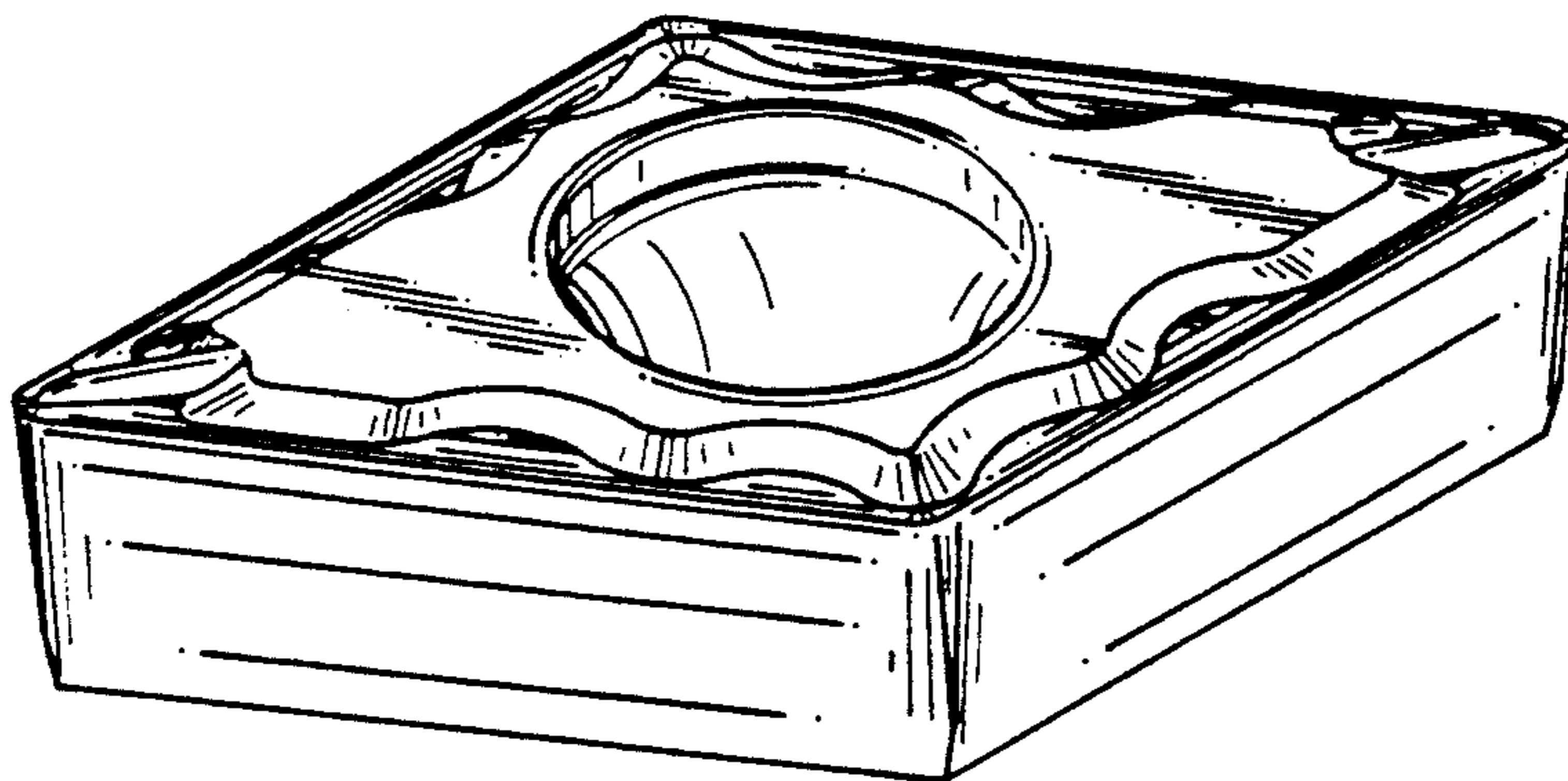


FIG.1

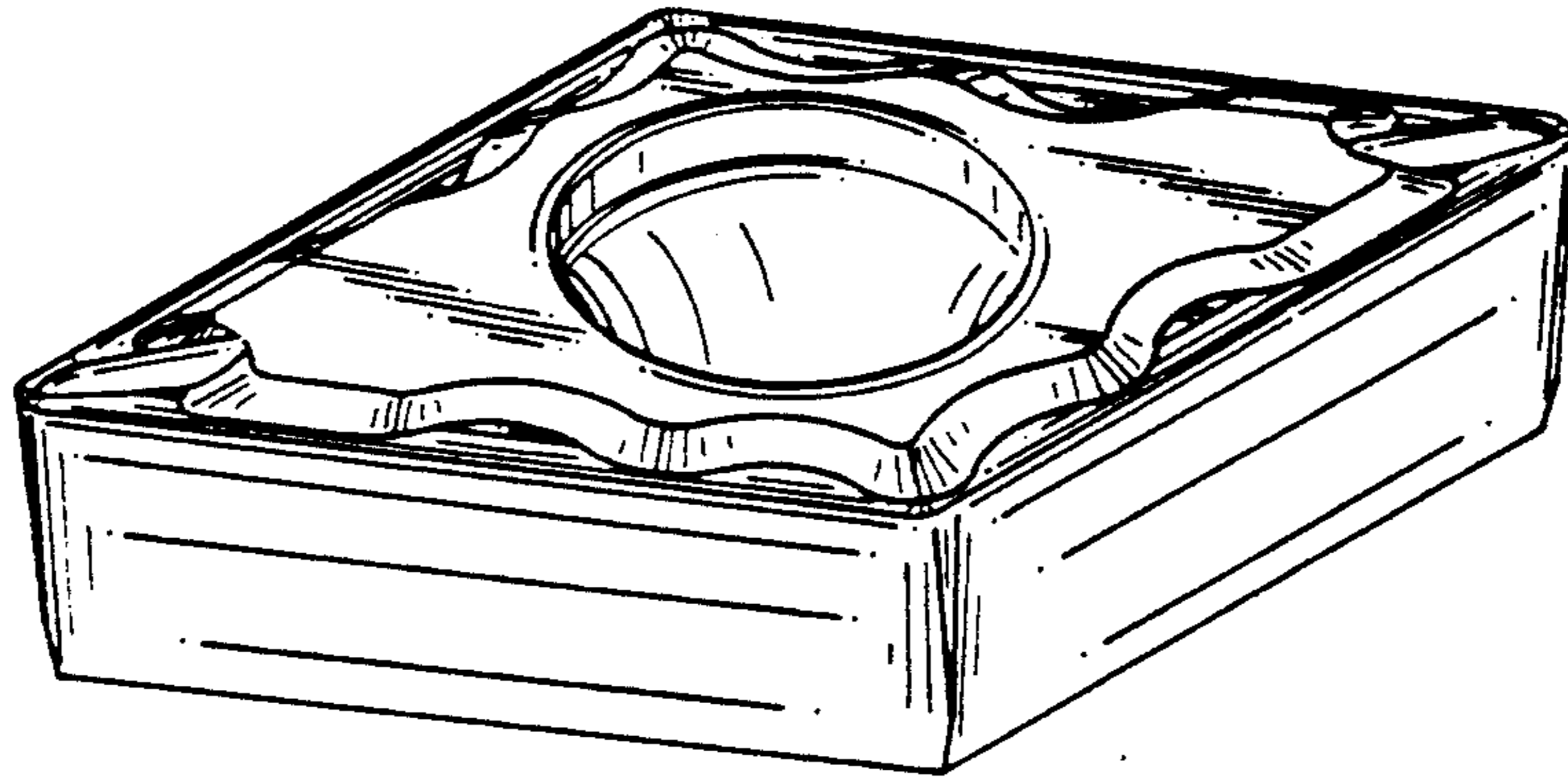


FIG.2

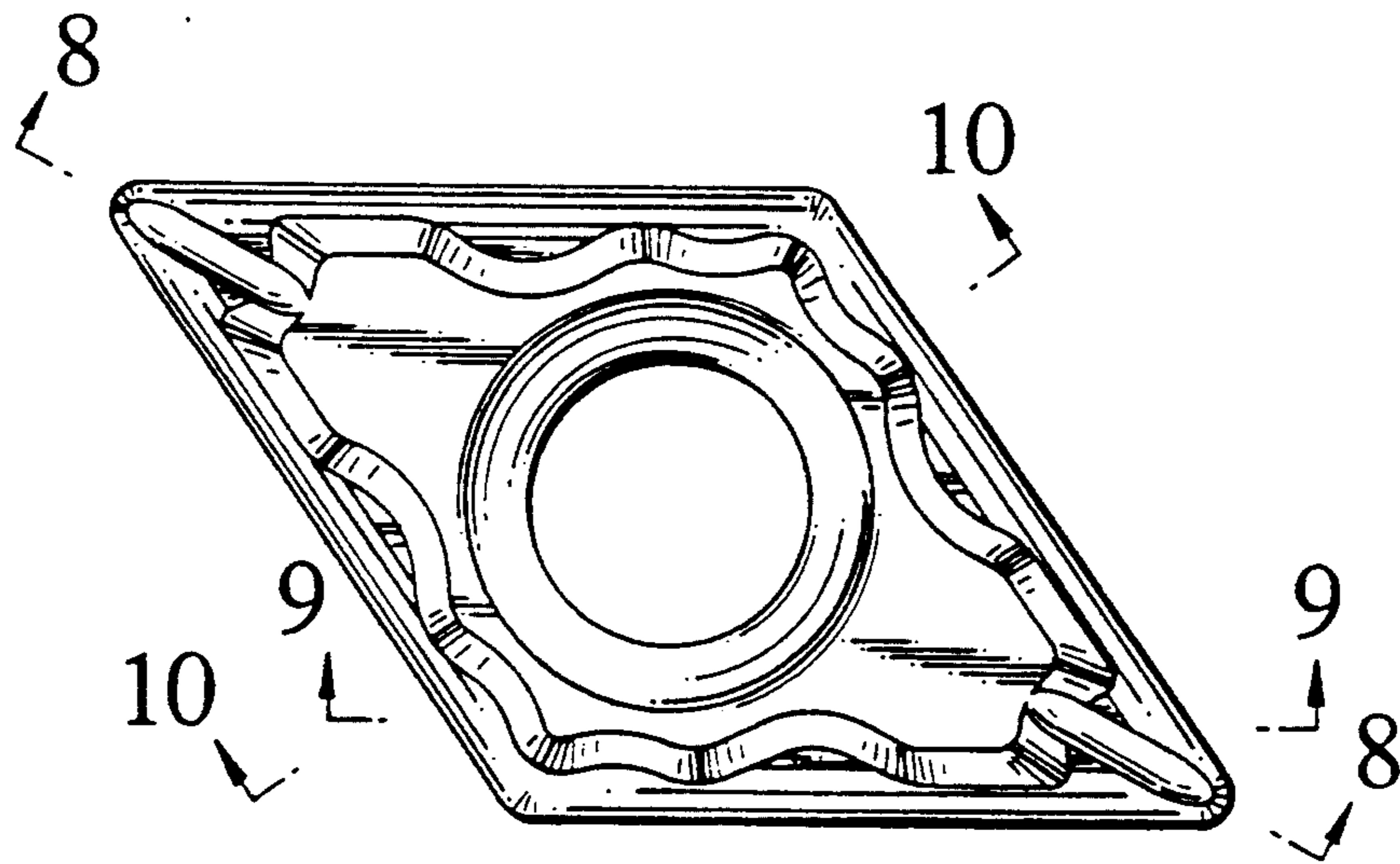


FIG.3

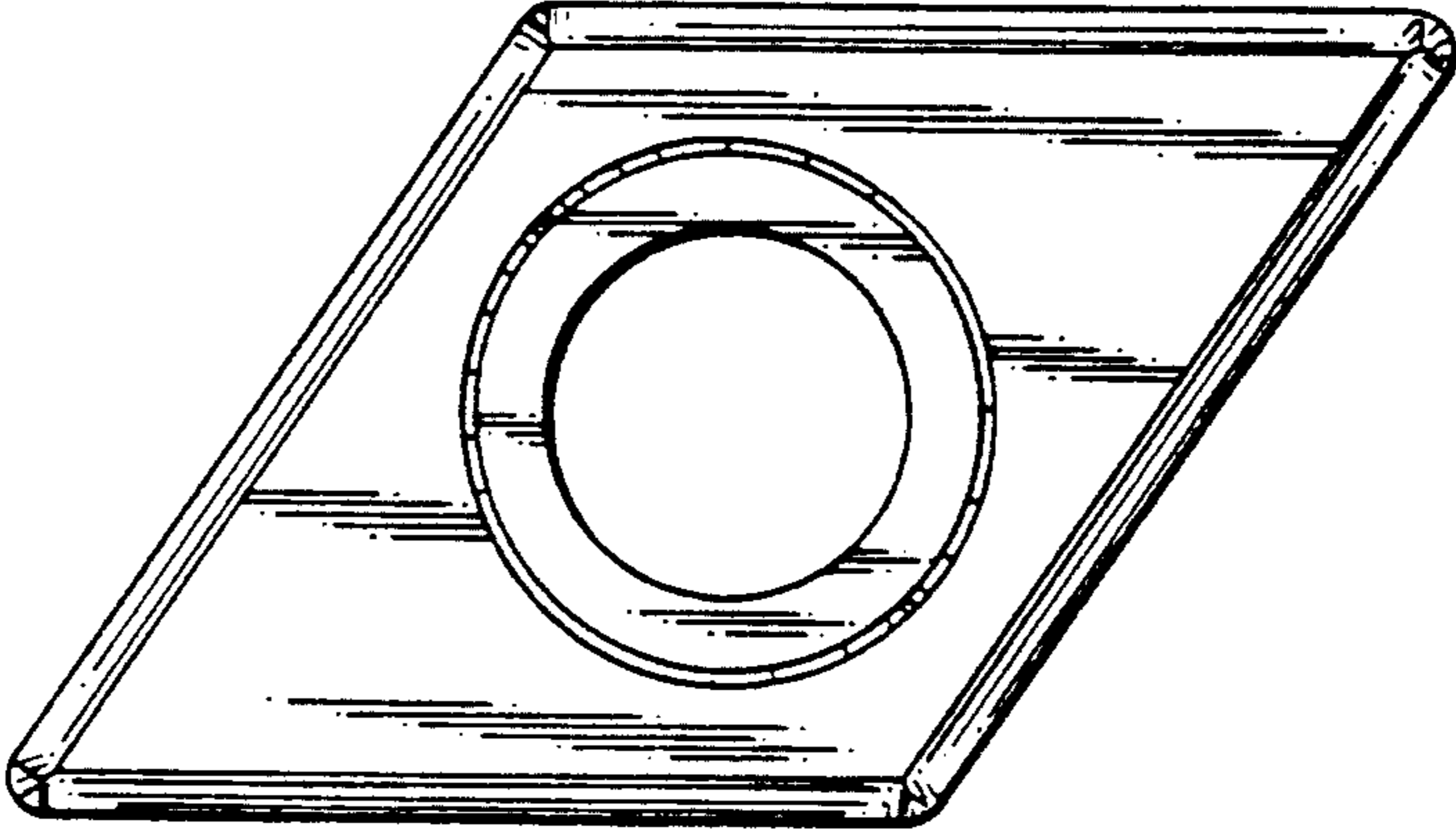


FIG.4

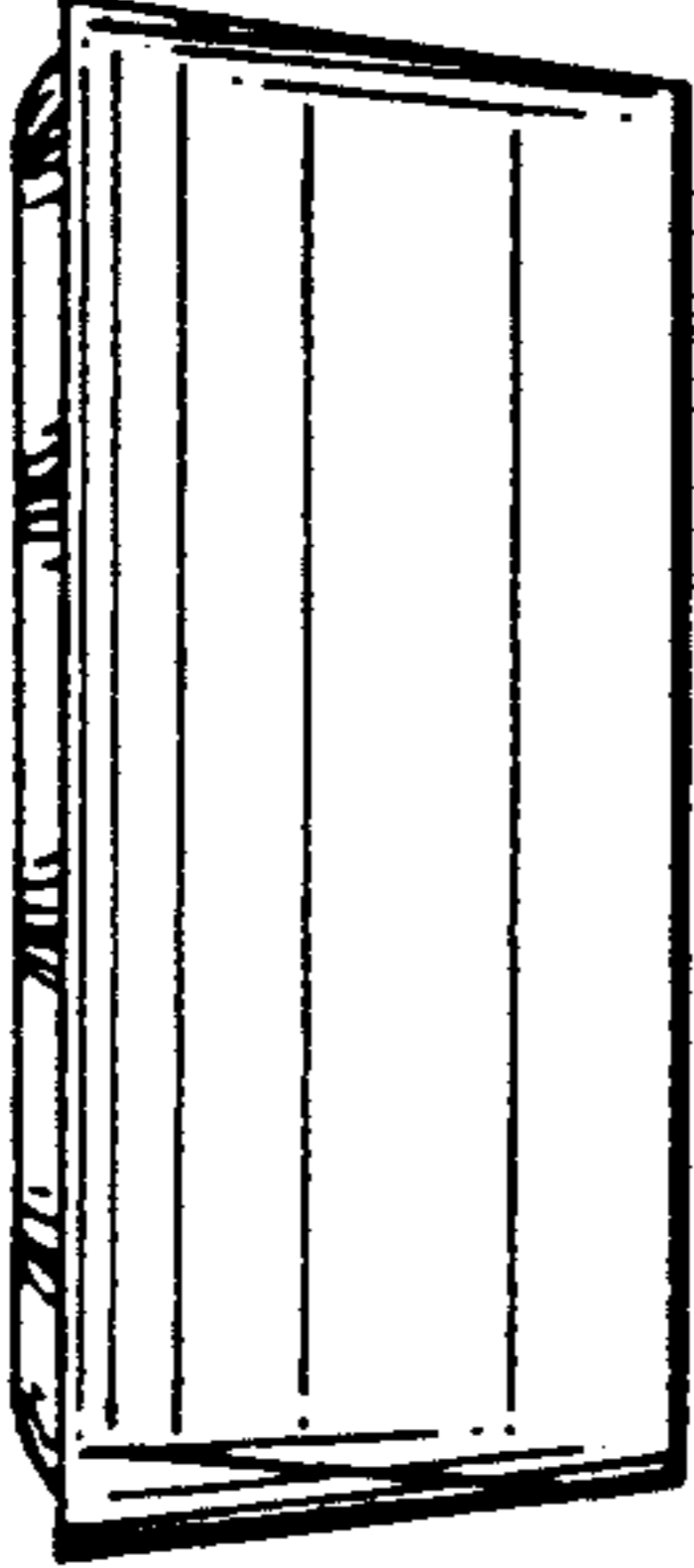


FIG.5

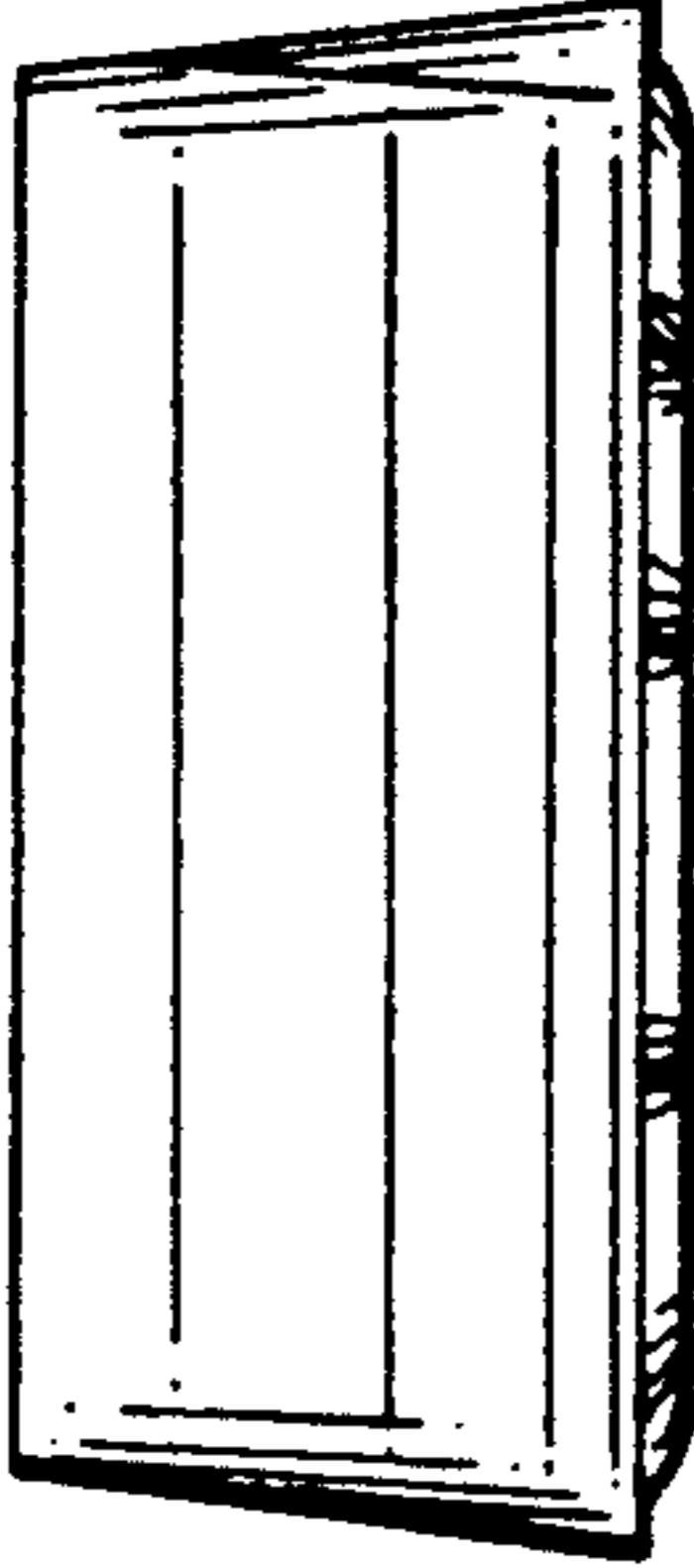


FIG.6

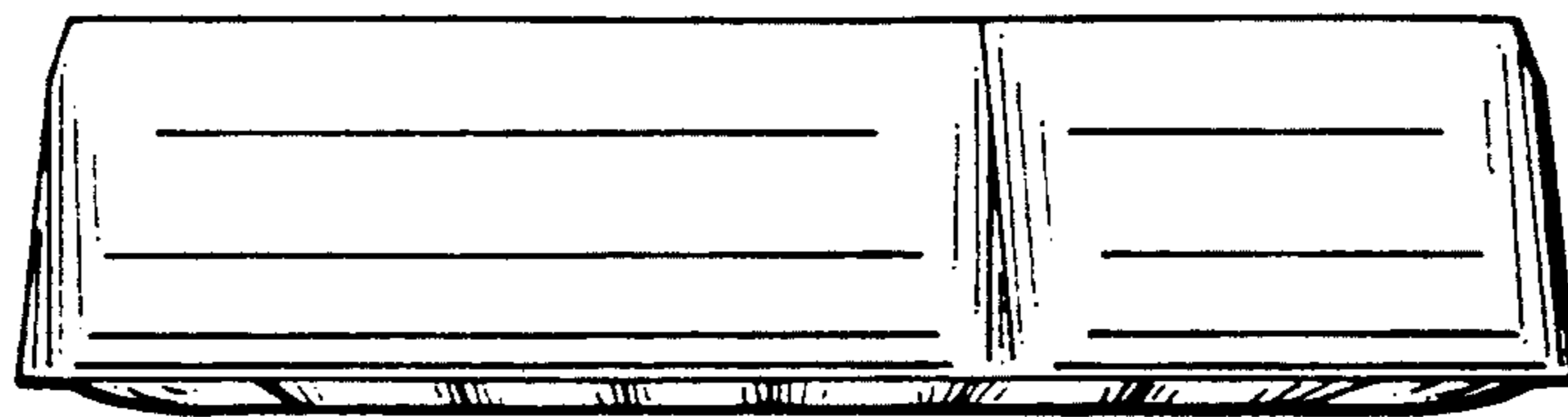


FIG.7

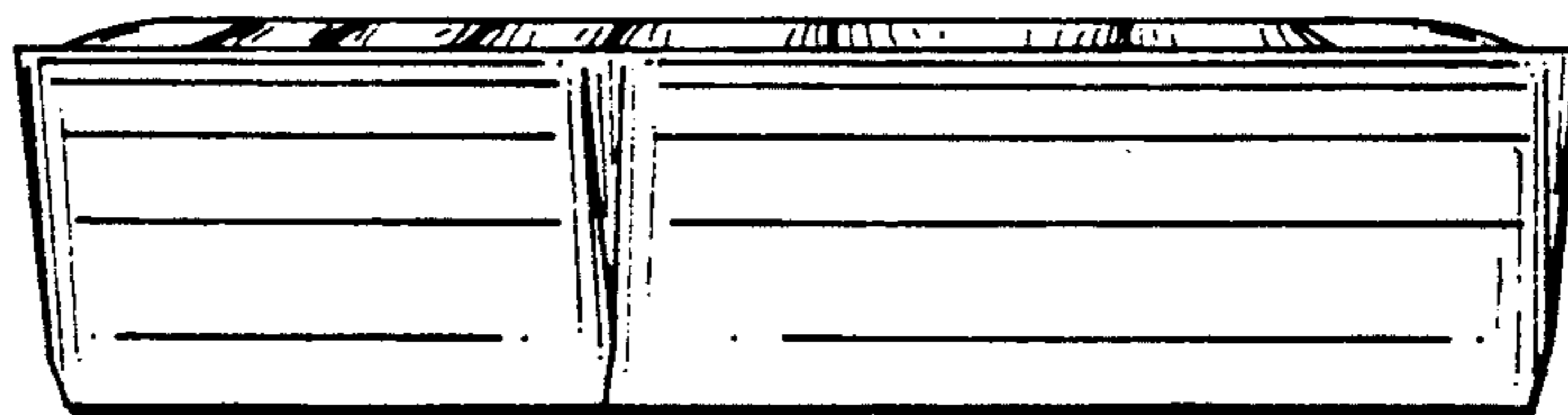


FIG.8

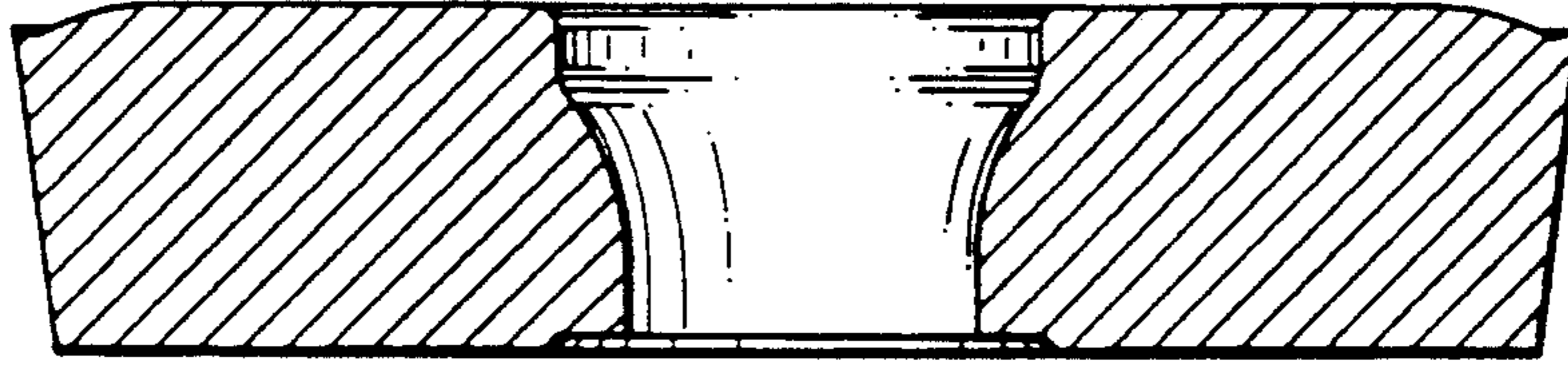


FIG.9

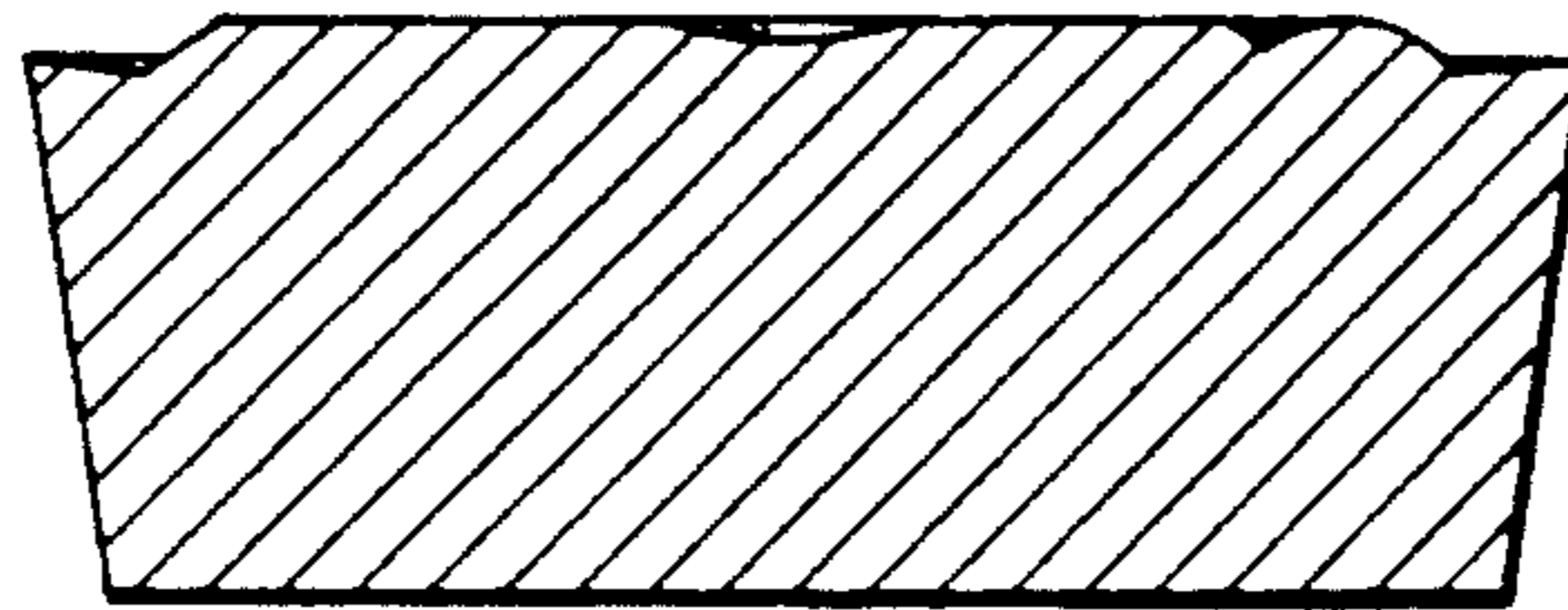


FIG.10

