

[54] CUTTING TOOL INSERT

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[73] Assignee: Kennametal Inc., Latrobe, Pa.

[\*\*] Term: 14 Years

[21] Appl. No.: 147,006

[22] Filed: Jan. 22, 1988

[52] U.S. Cl. .... D15/139; 407/114

[58] Field of Search ..... D15/138, 139, 140; 407/113, 114, 115, 116, 117

[56] References Cited

U.S. PATENT DOCUMENTS

D. 275,396	9/1984	Porat et al. .	
D. 280,514	9/1985	Porat et al. ....	D15/139
D. 291,889	9/1987	Pettersson et al. .	
3,636,602	1/1972	Owen .....	407/113
3,733,664	5/1973	McKelvey .	
3,792,514	2/1974	Ushijima .....	407/115 X
3,968,550	7/1976	Gehri .....	407/114
4,318,644	3/1982	Seidel .....	D15/139 X
4,318,645	3/1982	McCreery .	
4,340,324	7/1982	McCreery .	
4,359,300	11/1982	Hazra et al. ....	407/114
4,411,565	10/1983	Hazra et al. ....	407/114

4,507,024	3/1985	Stashko .....	407/114
4,685,844	8/1987	McCreery et al. .	
4,741,649	5/1988	Mori .....	407/114
4,787,784	11/1988	Bernadi et al. ....	407/114

OTHER PUBLICATIONS

"Sandvik Coromant's New Turning Generation," an advertisement, dated 1987.

"Chip Control Inserts," an advertisement of Kennametal Inc., published Feb. 1987.

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[57] CLAIM

The ornamental design for a cutting tool insert as shown and described.

DESCRIPTION

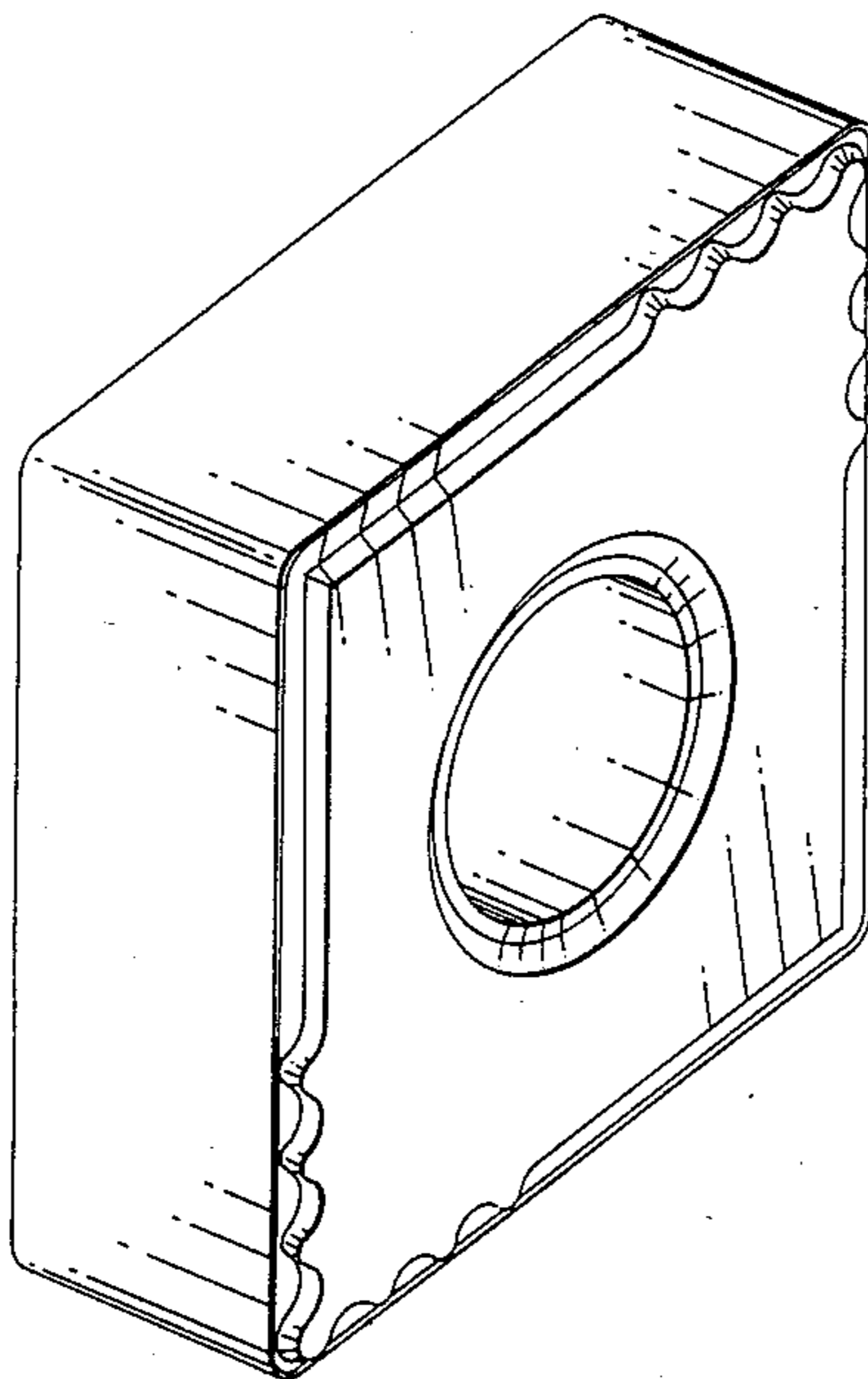
FIG. 1 is a top and left side perspective view of a cutting tool insert showing my new design;

FIG. 2 is a top plan view;

FIG. 3 is an elevational view, taken from the right side;

FIG. 4 is a bottom plan view; and

FIG. 5 is a cross sectional view taken along line V—V in FIG. 2, thereof.



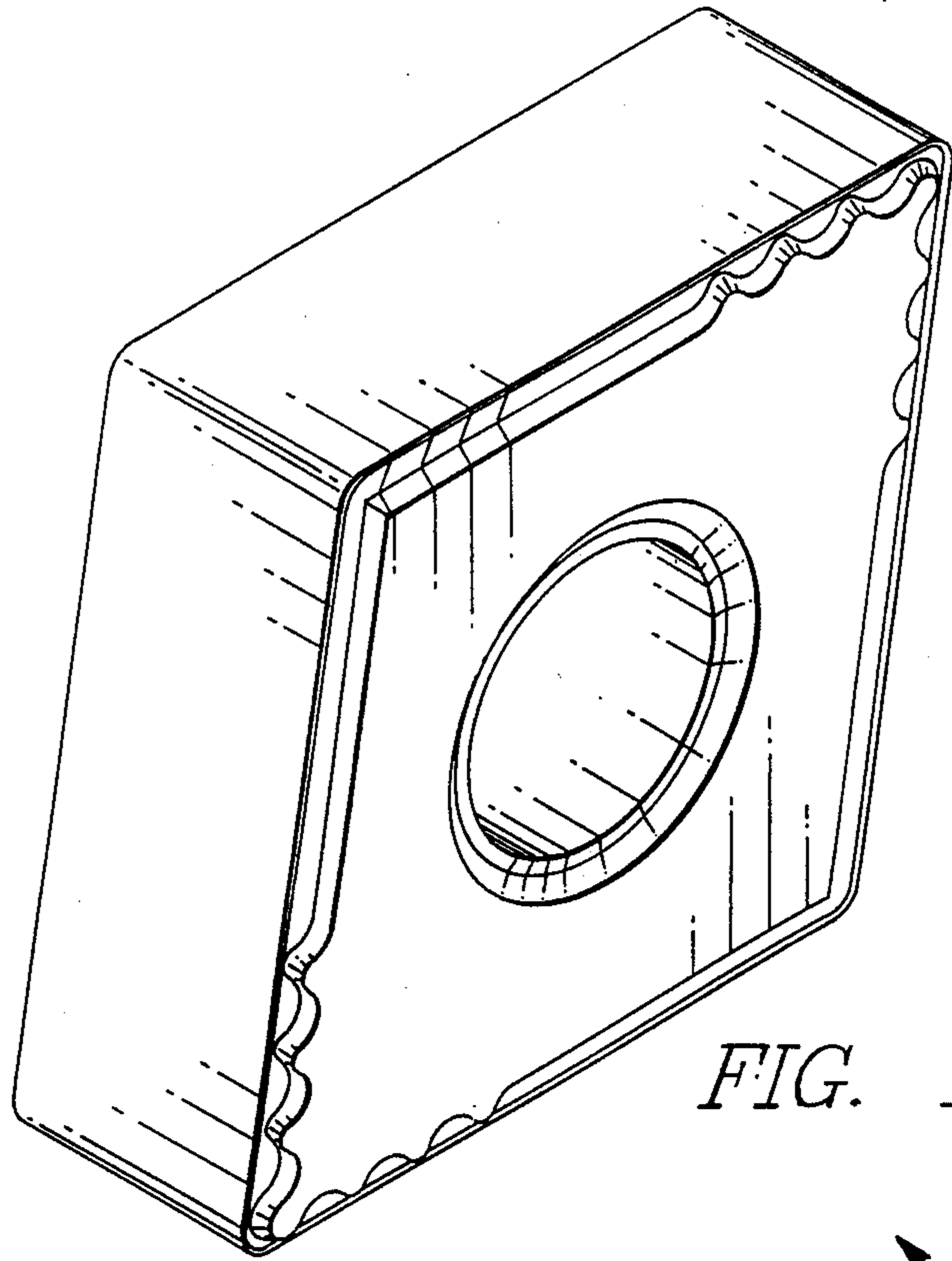


FIG. 1

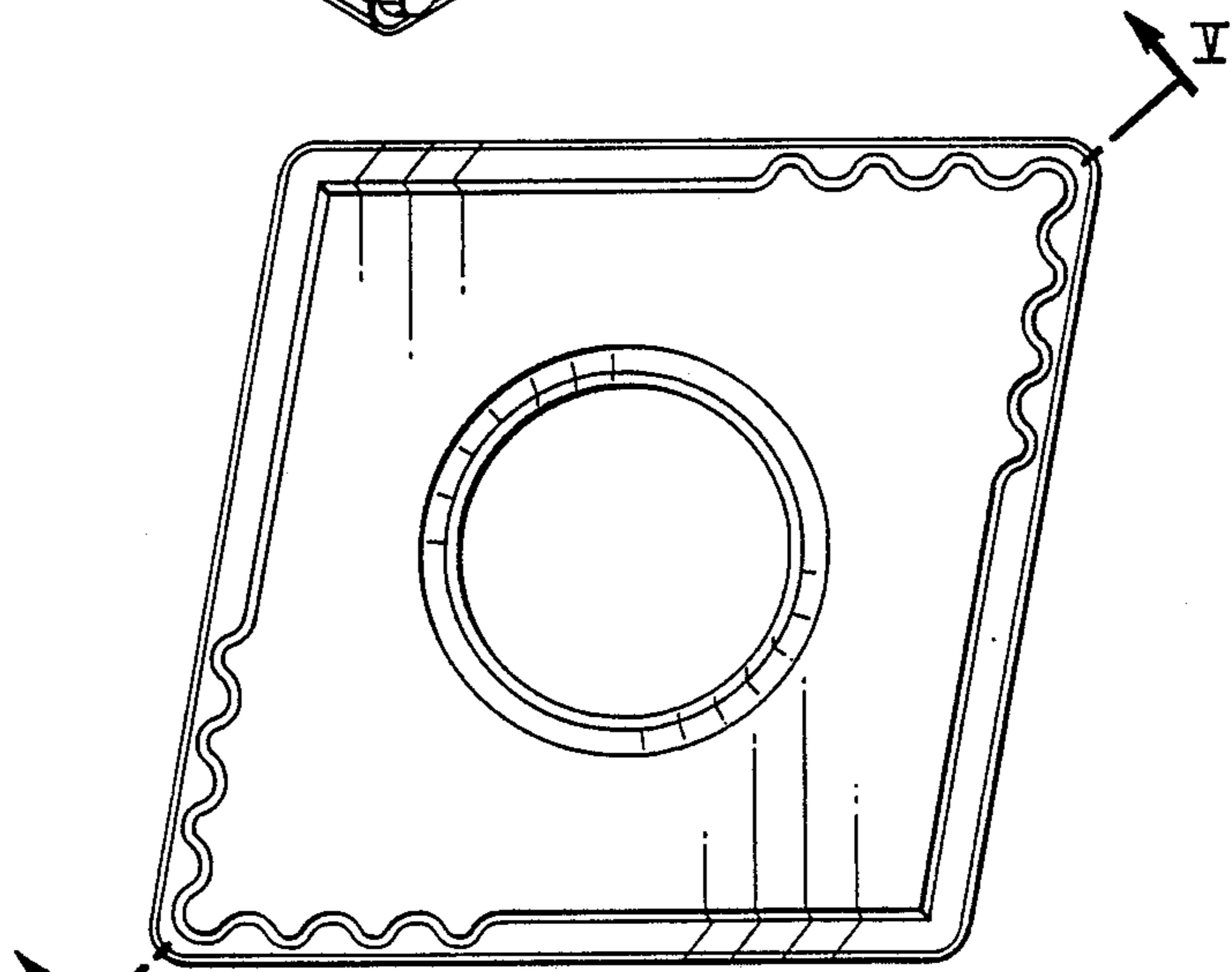


FIG. 2

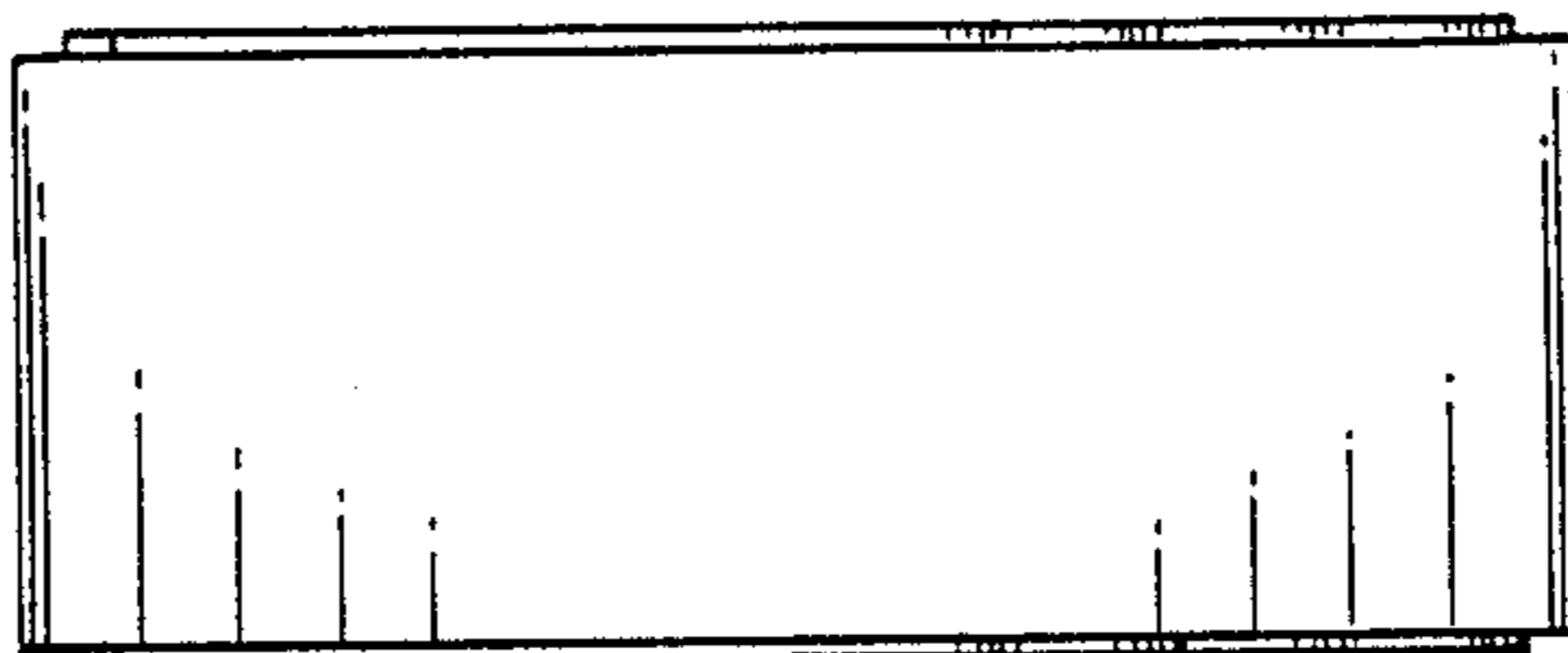


FIG. 3

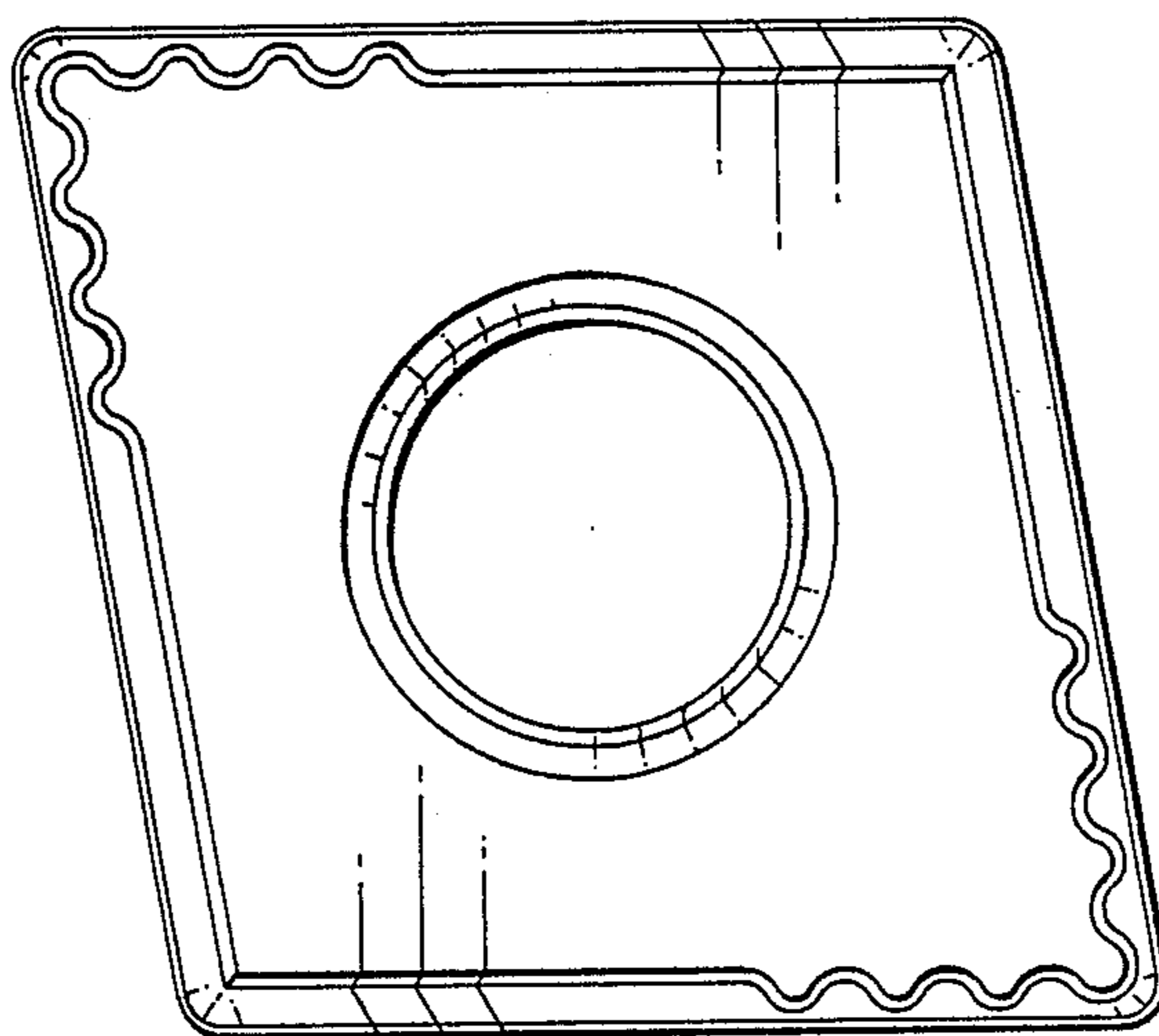


FIG. 4

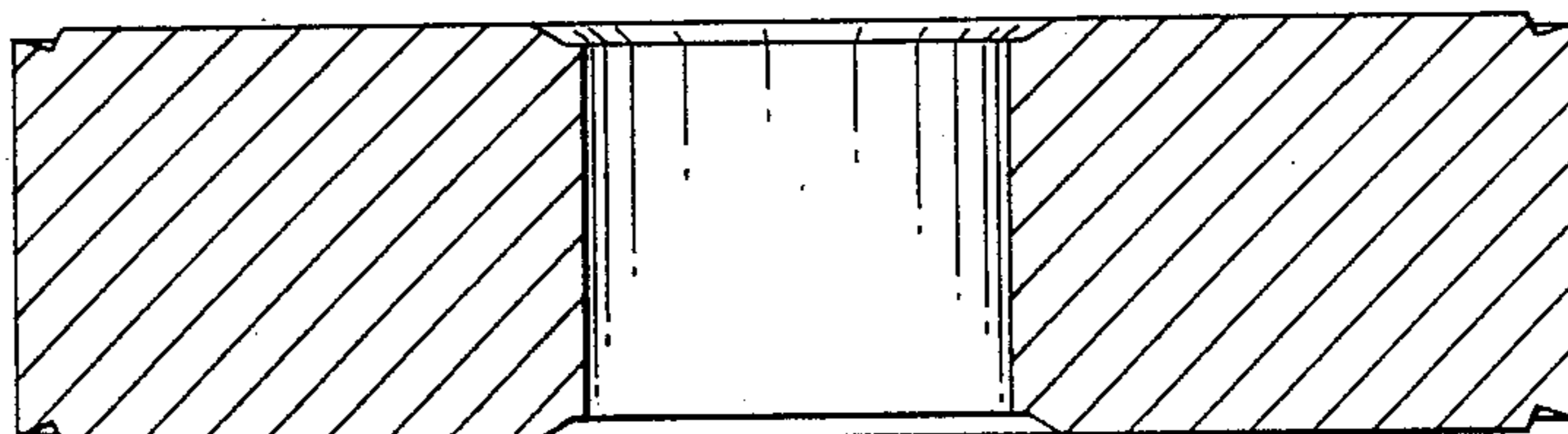


FIG. 5