

[54] CUTTING TOOL INSERT

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

[**] Term: 14 Years

[21] Appl. No.: 147,007

[22] Filed: Jan. 22, 1988

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

[58] Field of Search 407/113, 114, 115, 116, 407/117, 42; D15/138, 139, 140

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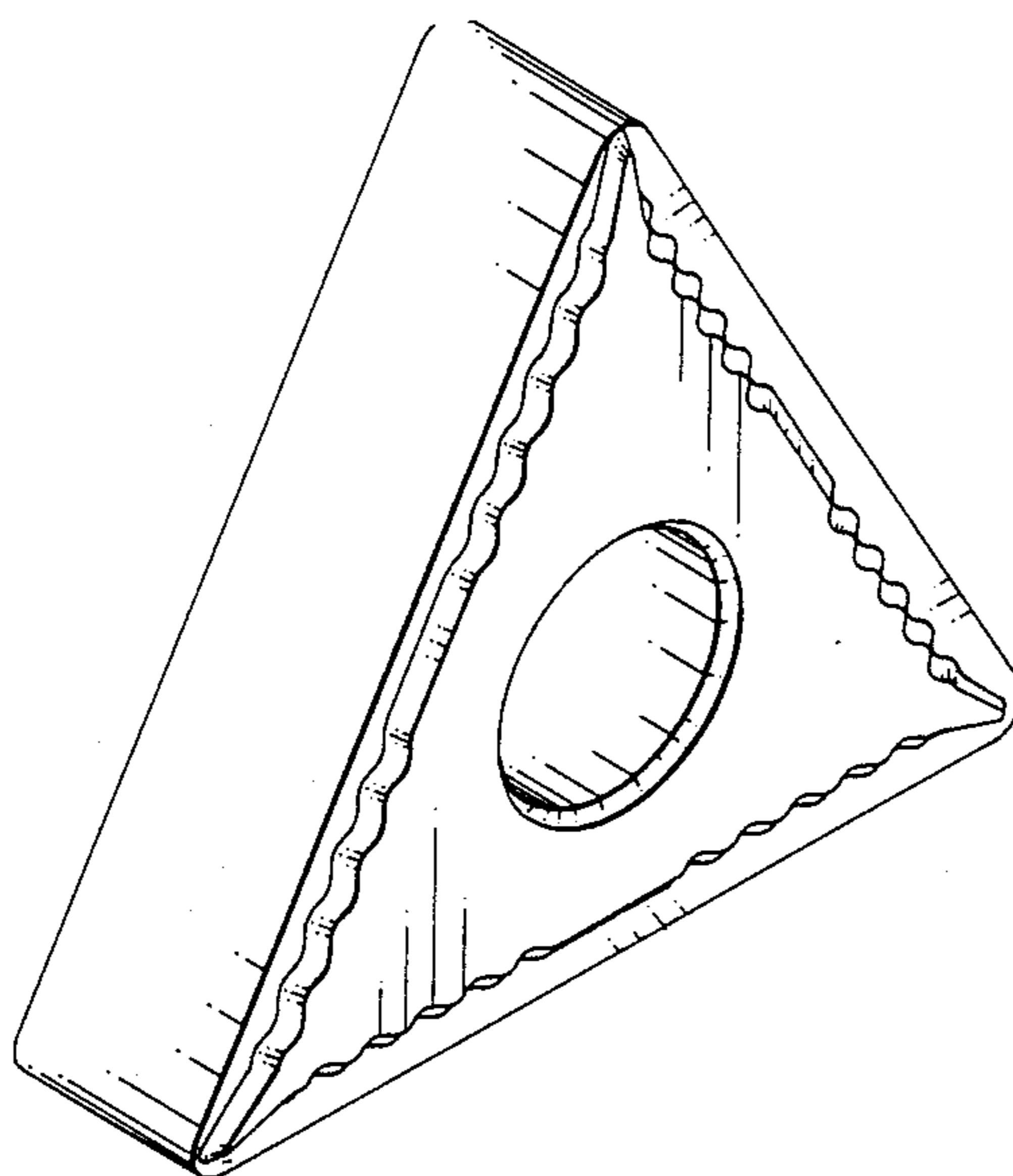
Primary Examiner—James R. Lergen
Assistant Examiner—Jeffrey Asch
Attorney, Agent, or Firm—Thomas R. Trempus

[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;
 FIG. 5 is a cross sectional view taken along line V—V in FIG. 2;
 FIG. 6 is a top and left side perspective view showing a second embodiment of that shown in FIGS. 1-5;
 FIG. 7 is a top plan view;
 FIG. 8 is an elevational view taken from the right side;
 FIG. 9 is a bottom plan view;
 FIG. 10 is a cross sectional view taken along line X—X in FIG. 7;
 FIG. 11 is a top and left side perspective view showing a third embodiment of that shown in FIGS. 1-5;
 FIG. 12 is a top plan view;
 FIG. 13 is an elevational view taken from the right side;
 FIG. 14 is a bottom plan view;
 FIG. 15 is a cross sectional view taken along line XV—XV in FIG. 12;
 FIG. 16 is a top and left side perspective view showing a fourth embodiment of that shown in FIGS. 1-5;
 FIG. 17 is a top plan view;
 FIG. 18 is an elevational view taken from the right side;
 FIG. 19 is a bottom plan view; and,
 FIG. 20 is a cross sectional view taken along the line XX—XX in FIG. 17 thereof.



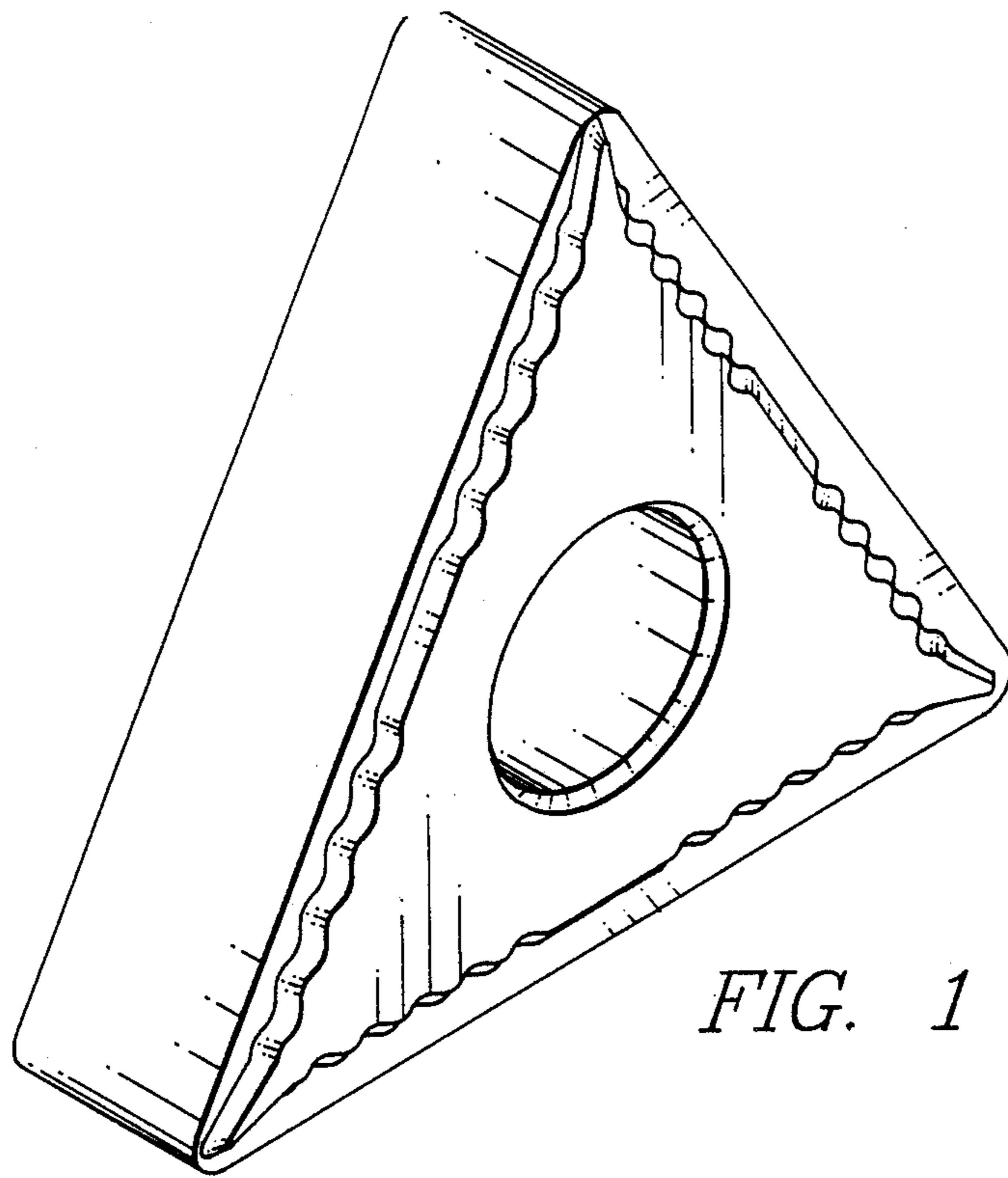


FIG. 1

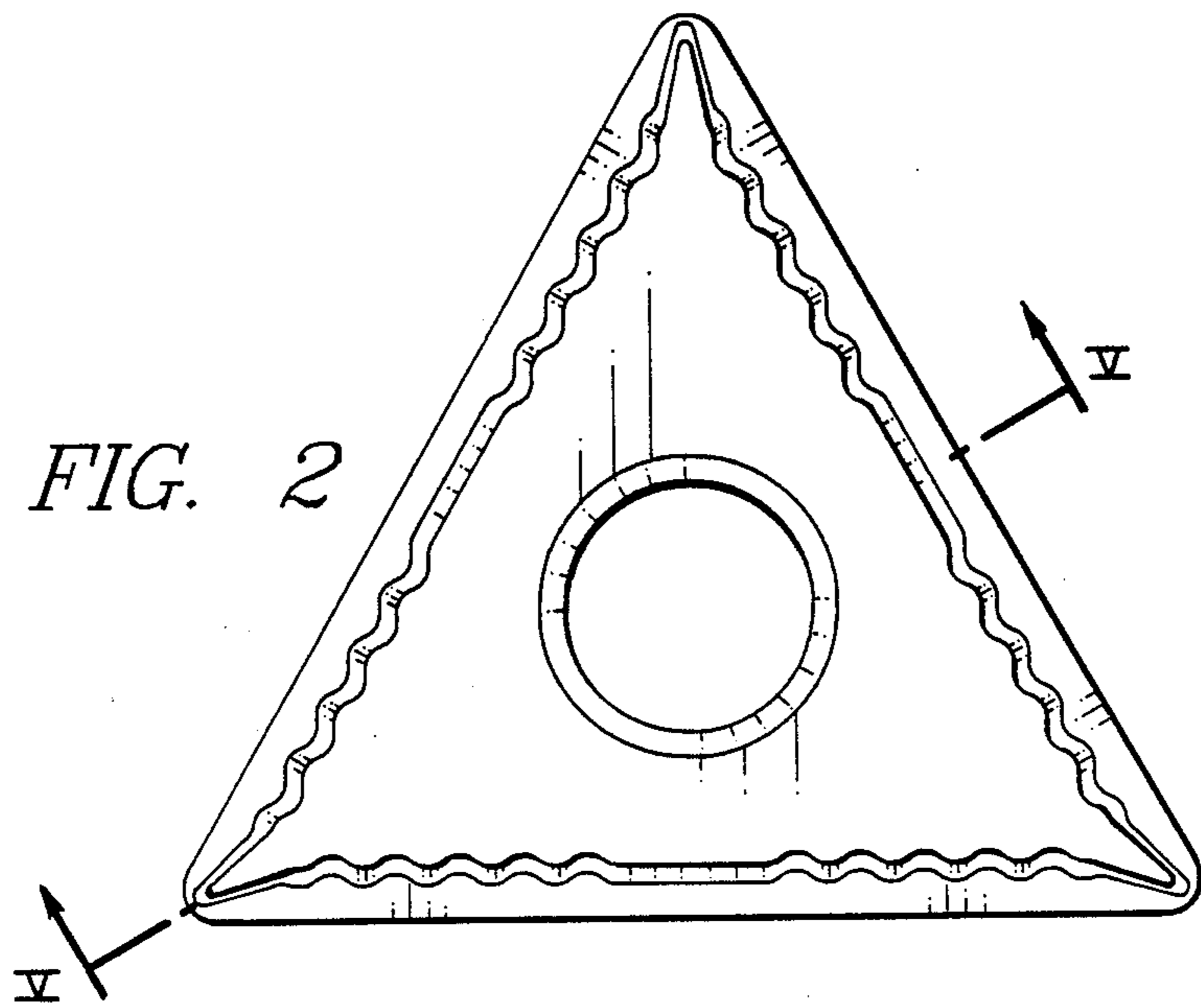


FIG. 2



FIG. 3

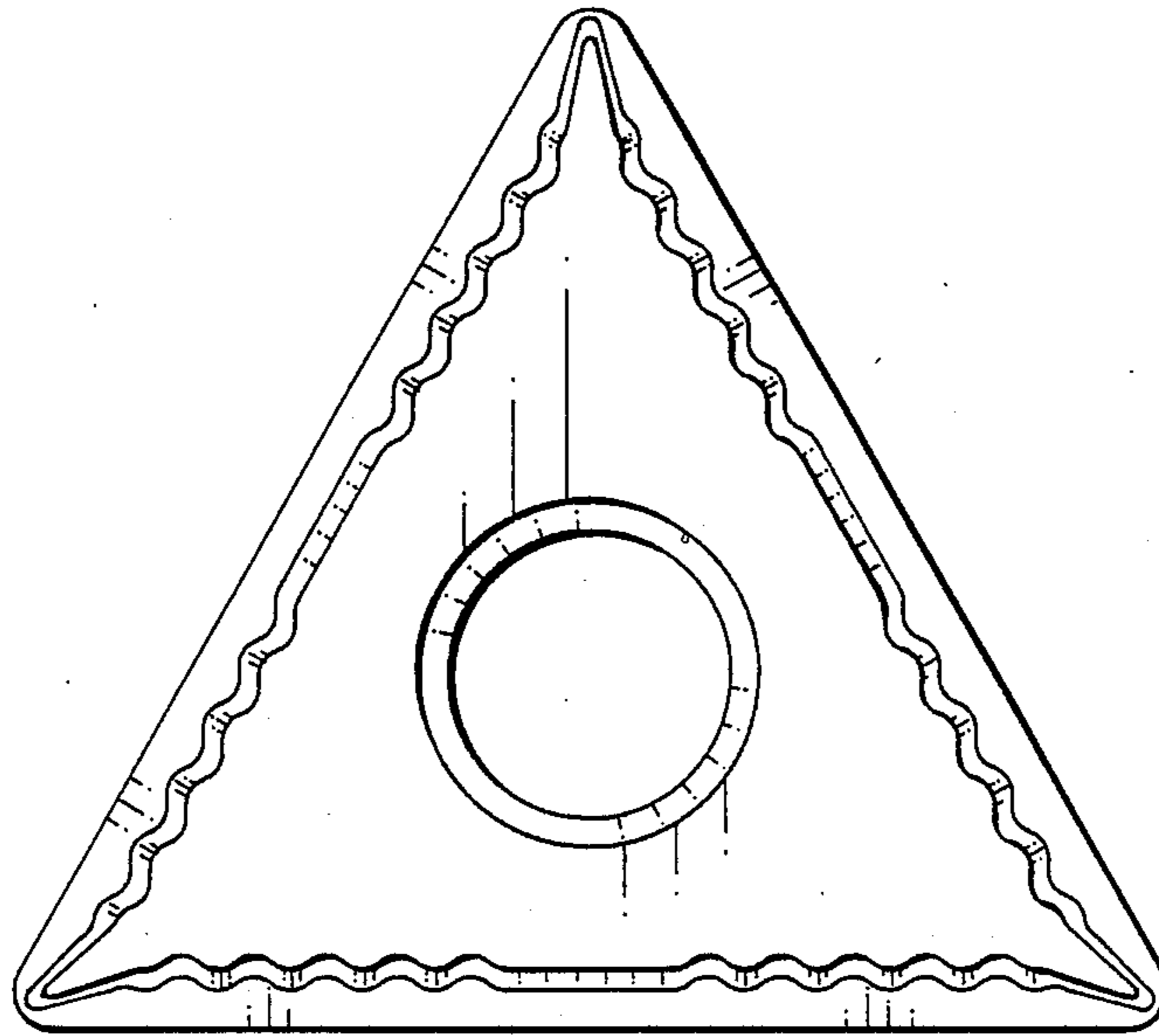


FIG. 4

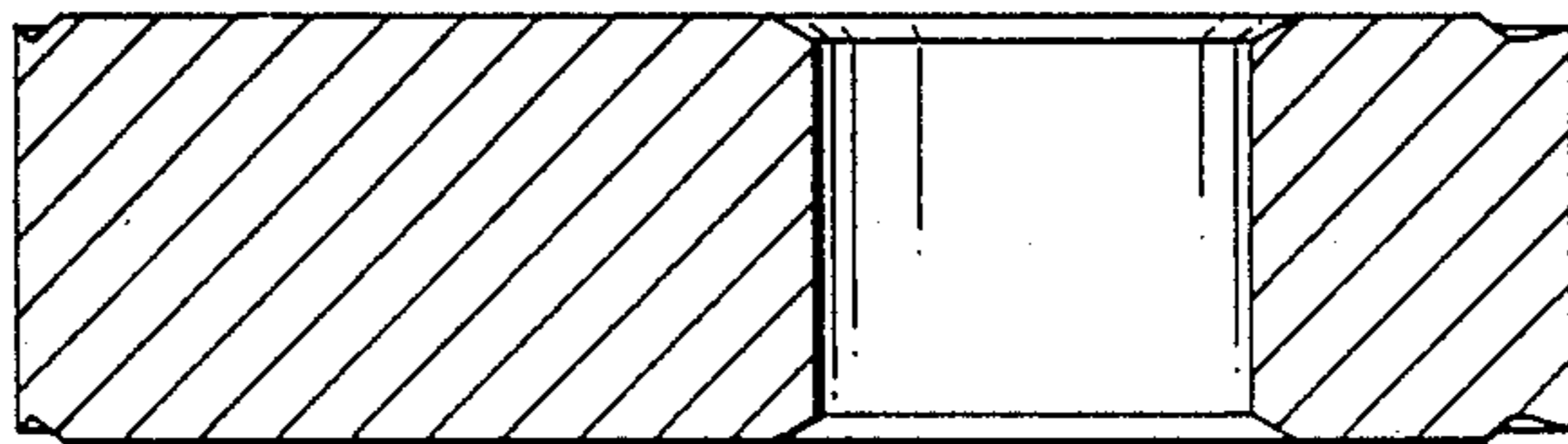


FIG. 5

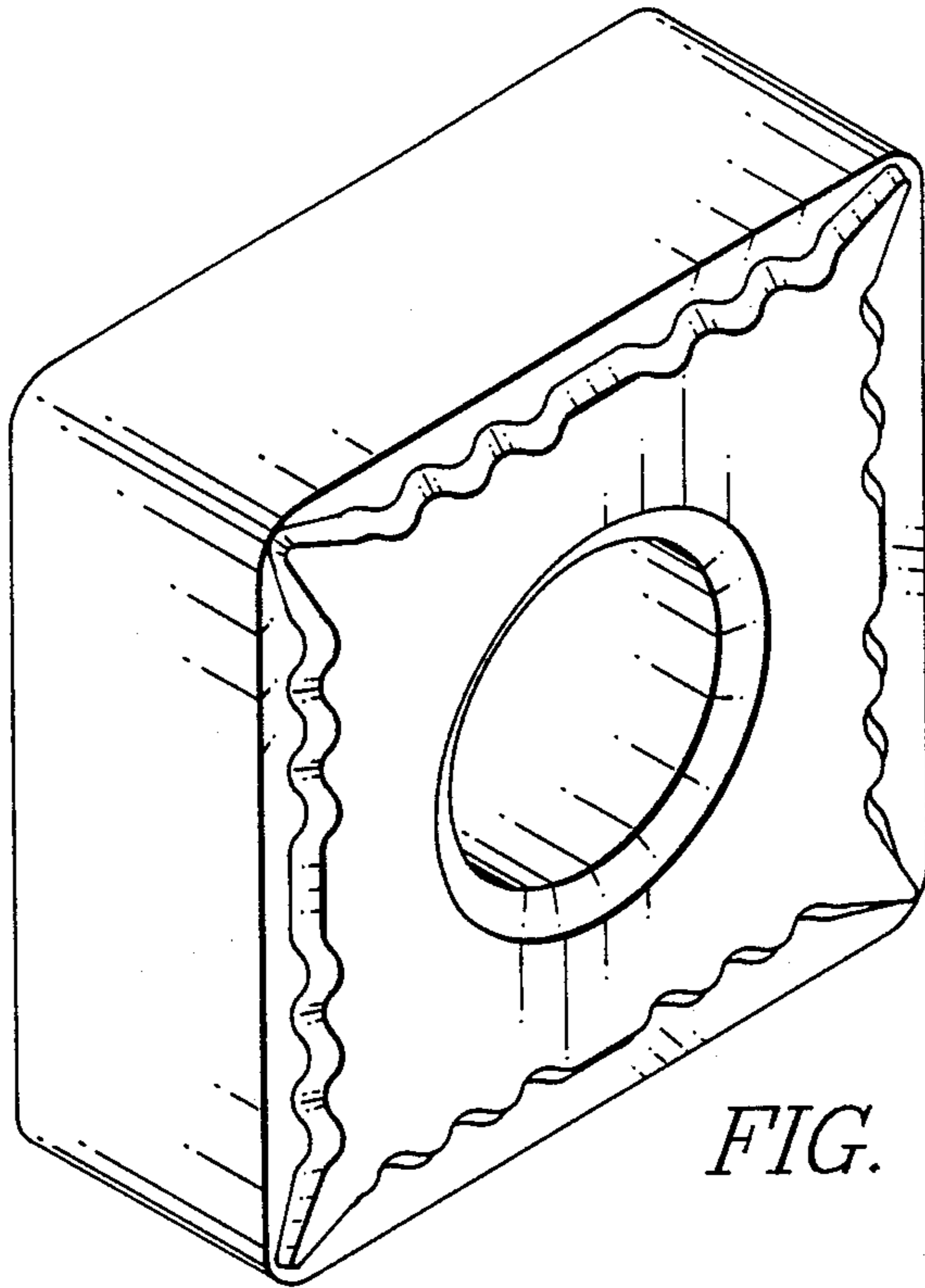


FIG. 6

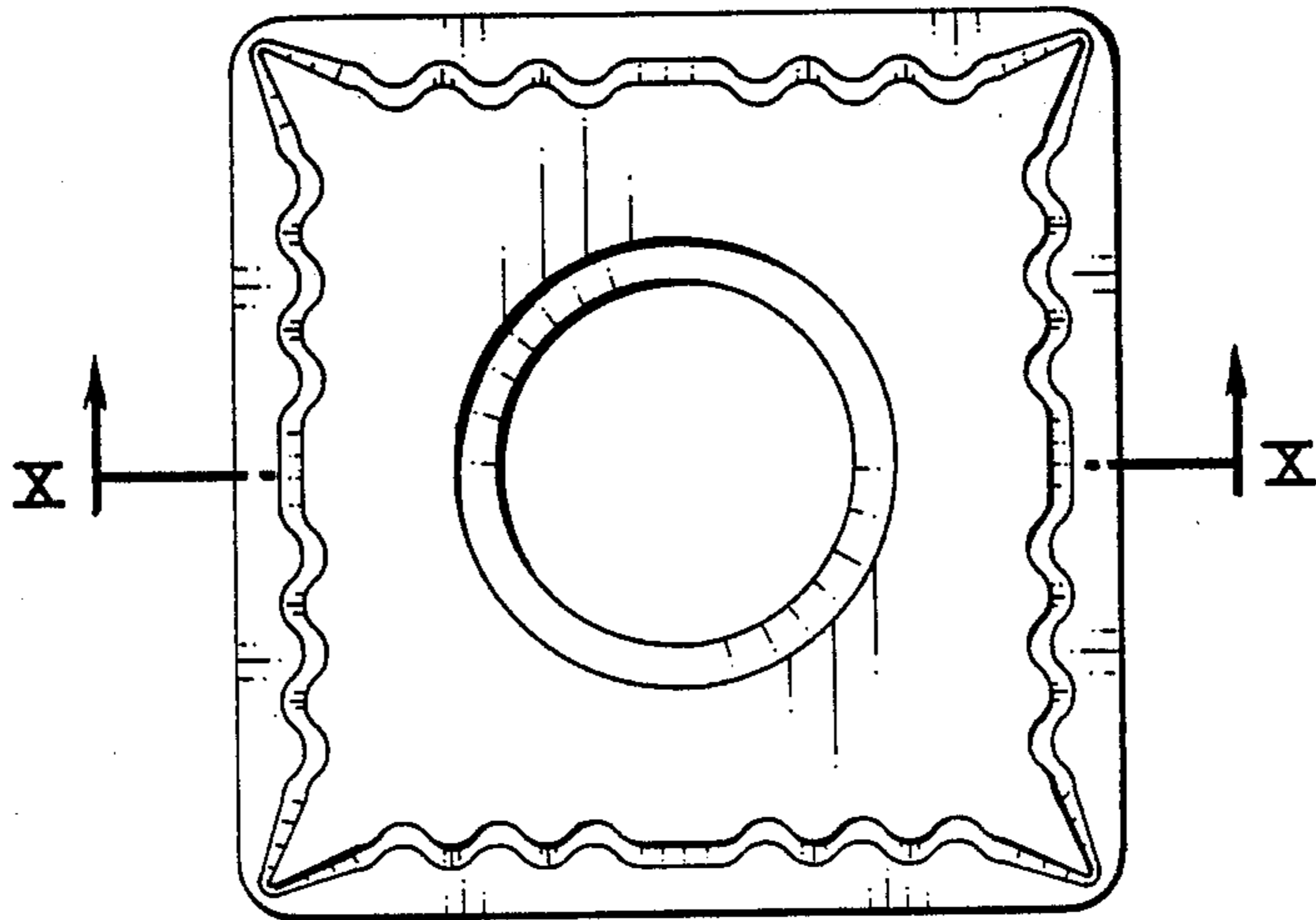


FIG. 7



FIG. 8

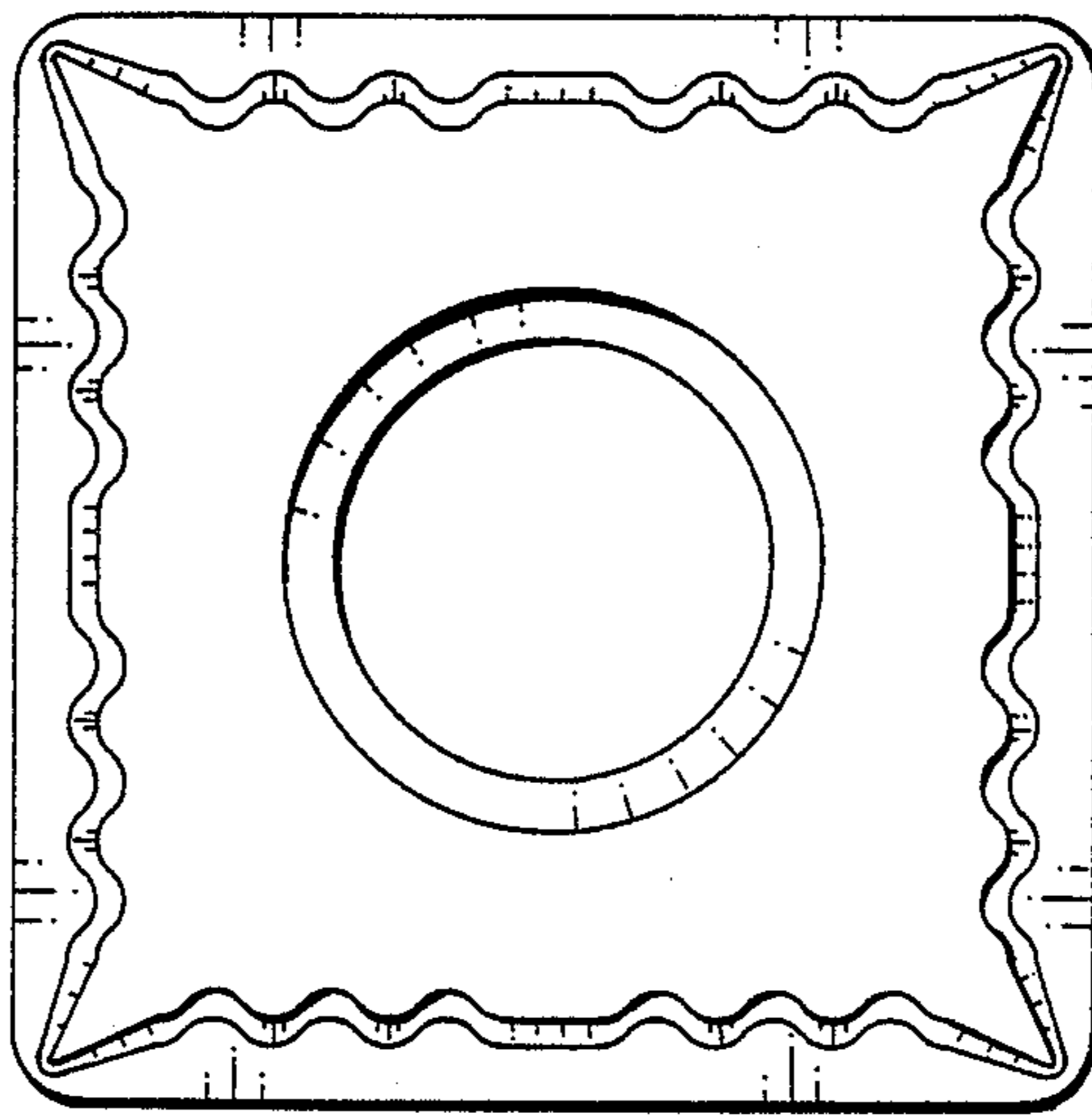


FIG. 9

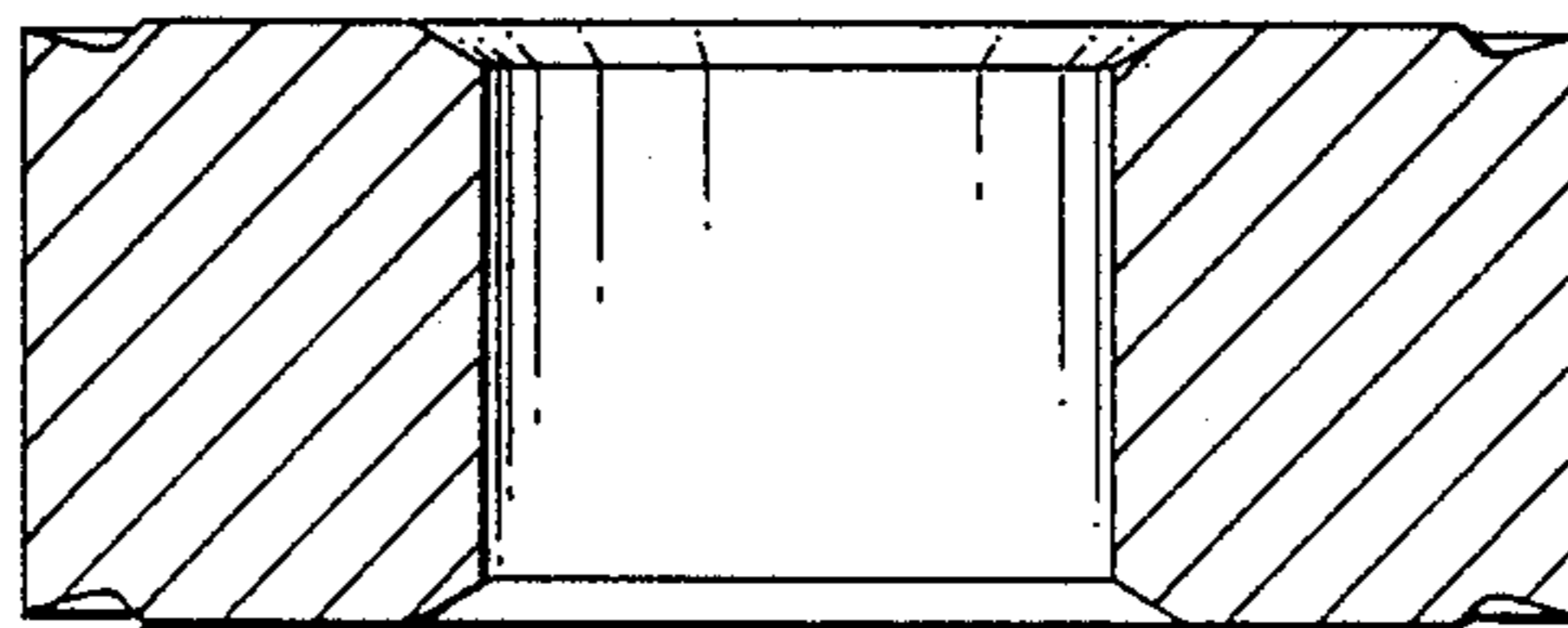


FIG. 10

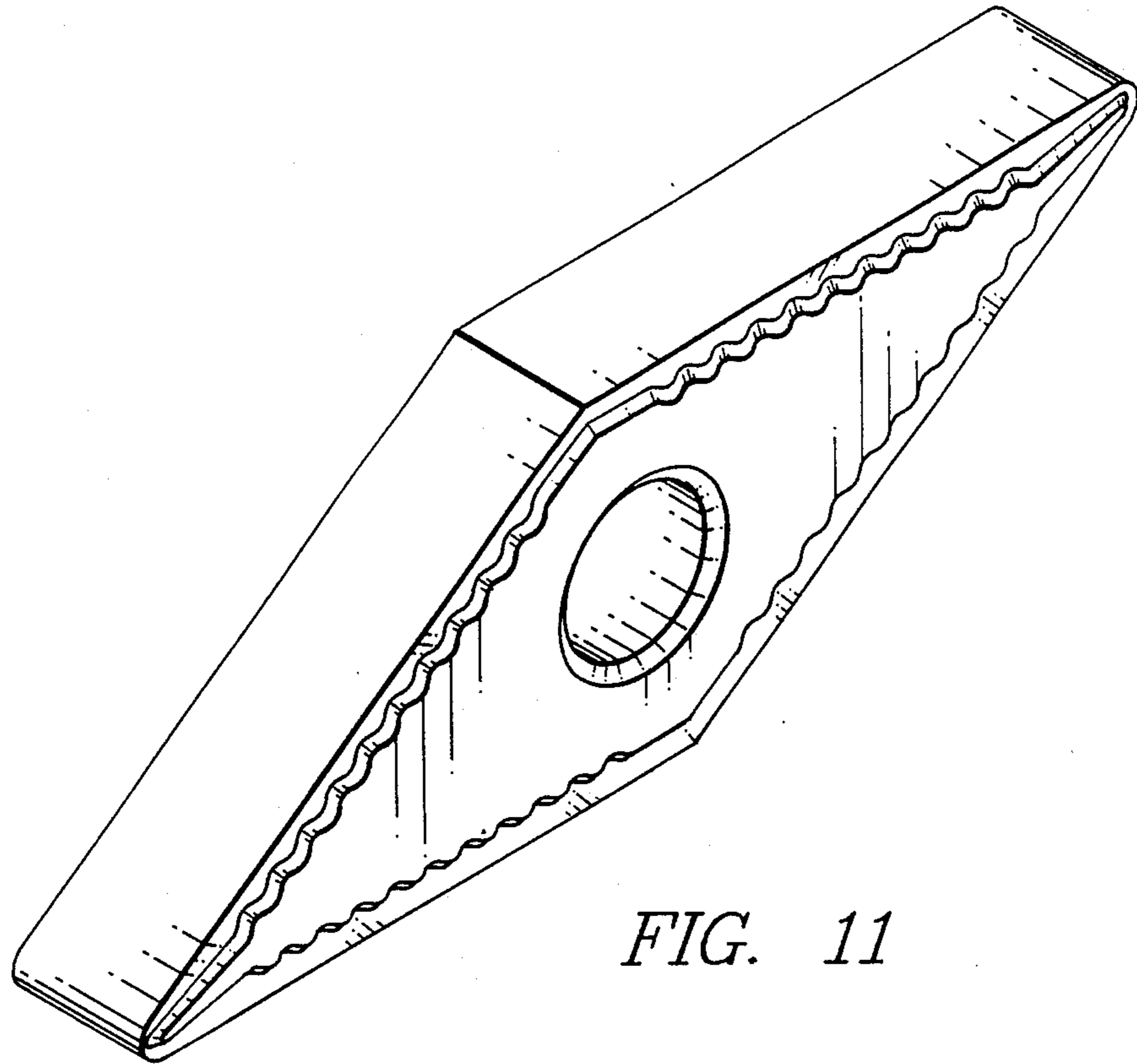


FIG. 11

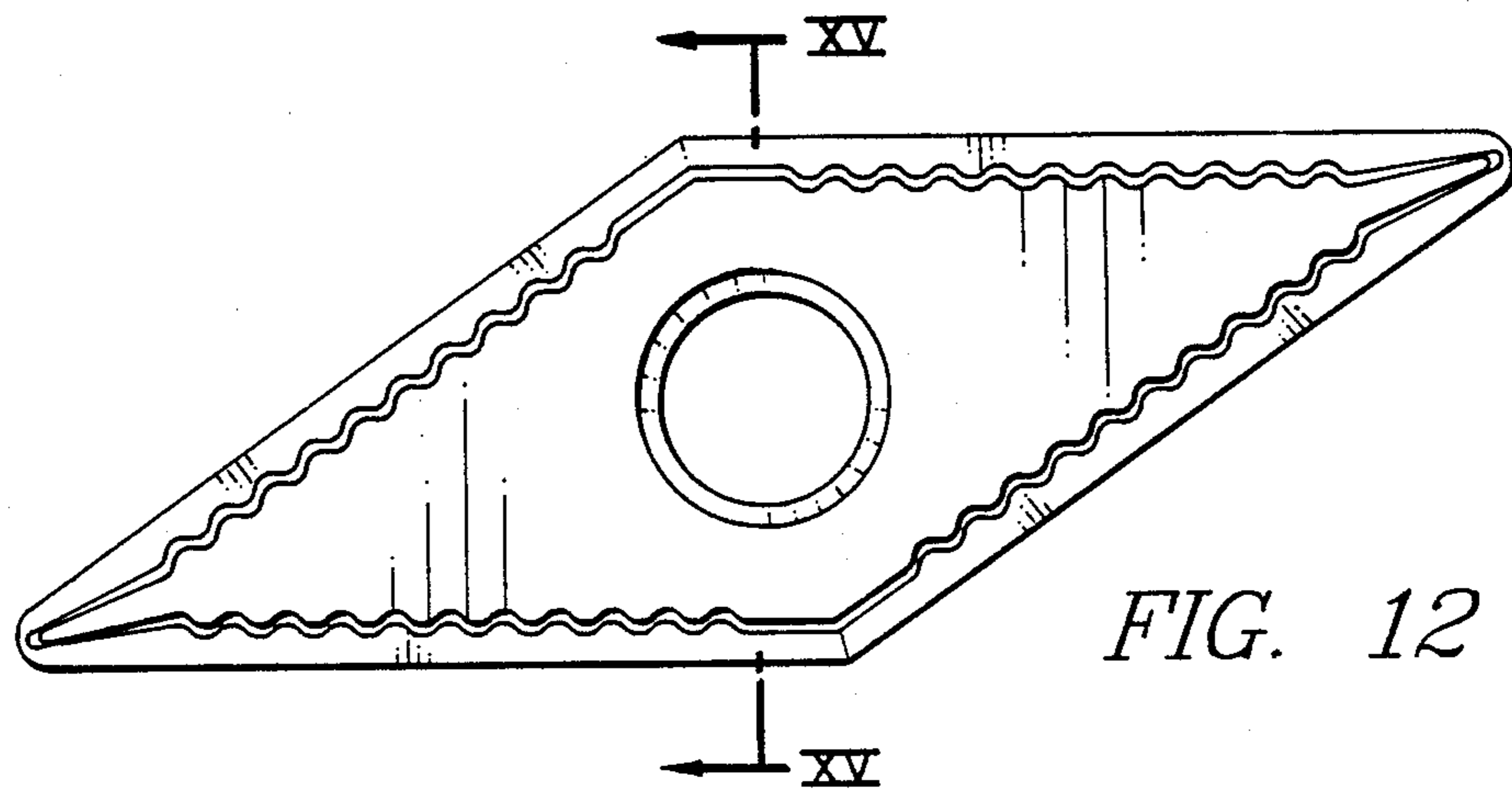


FIG. 12



FIG. 13

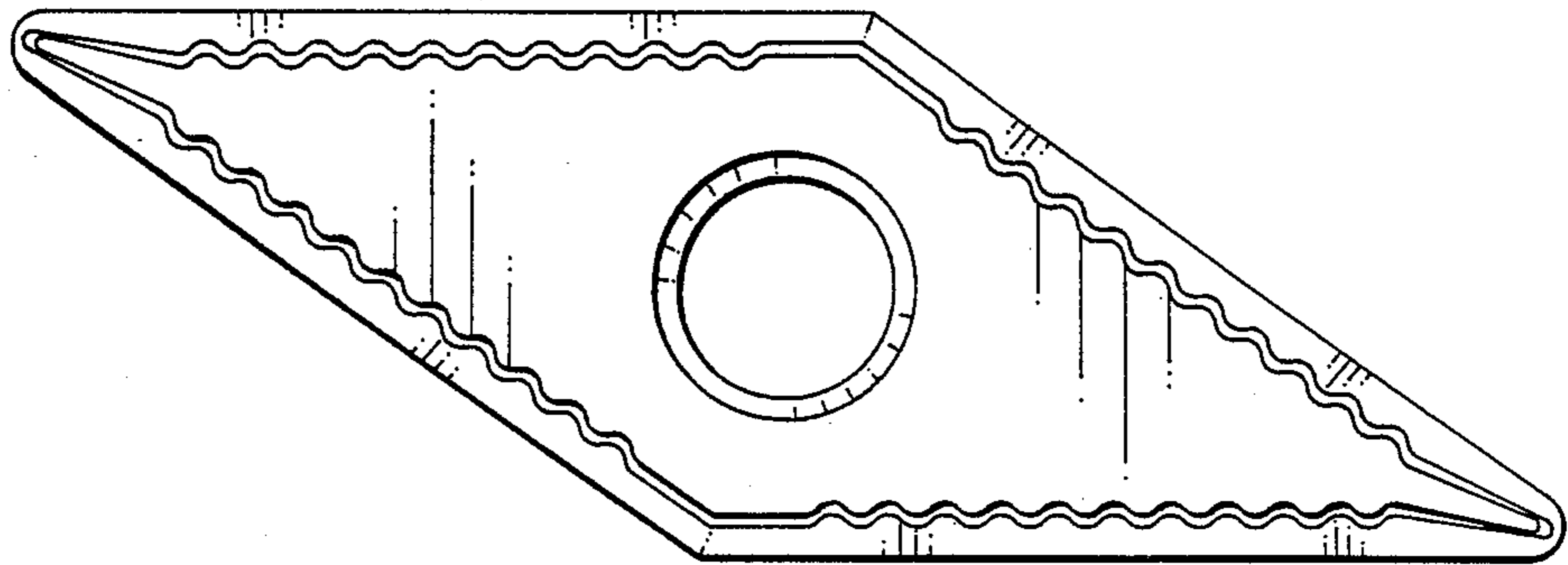


FIG. 14

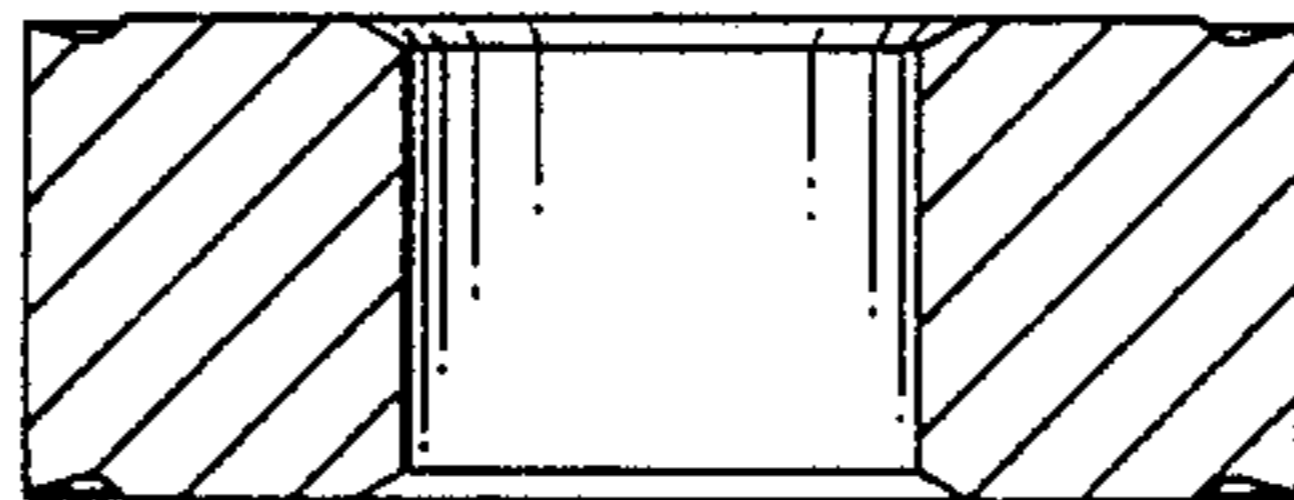


FIG. 15

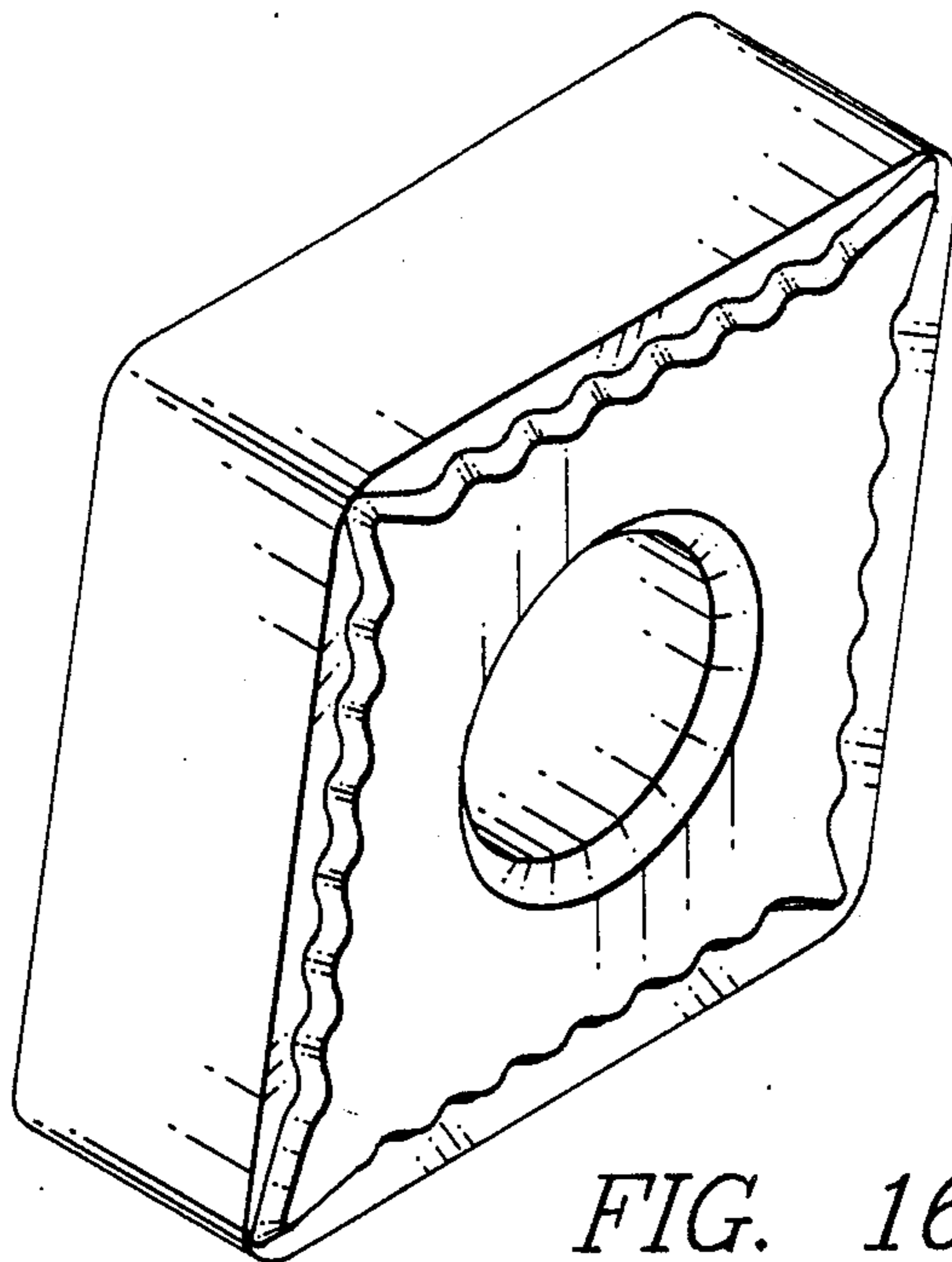


FIG. 16

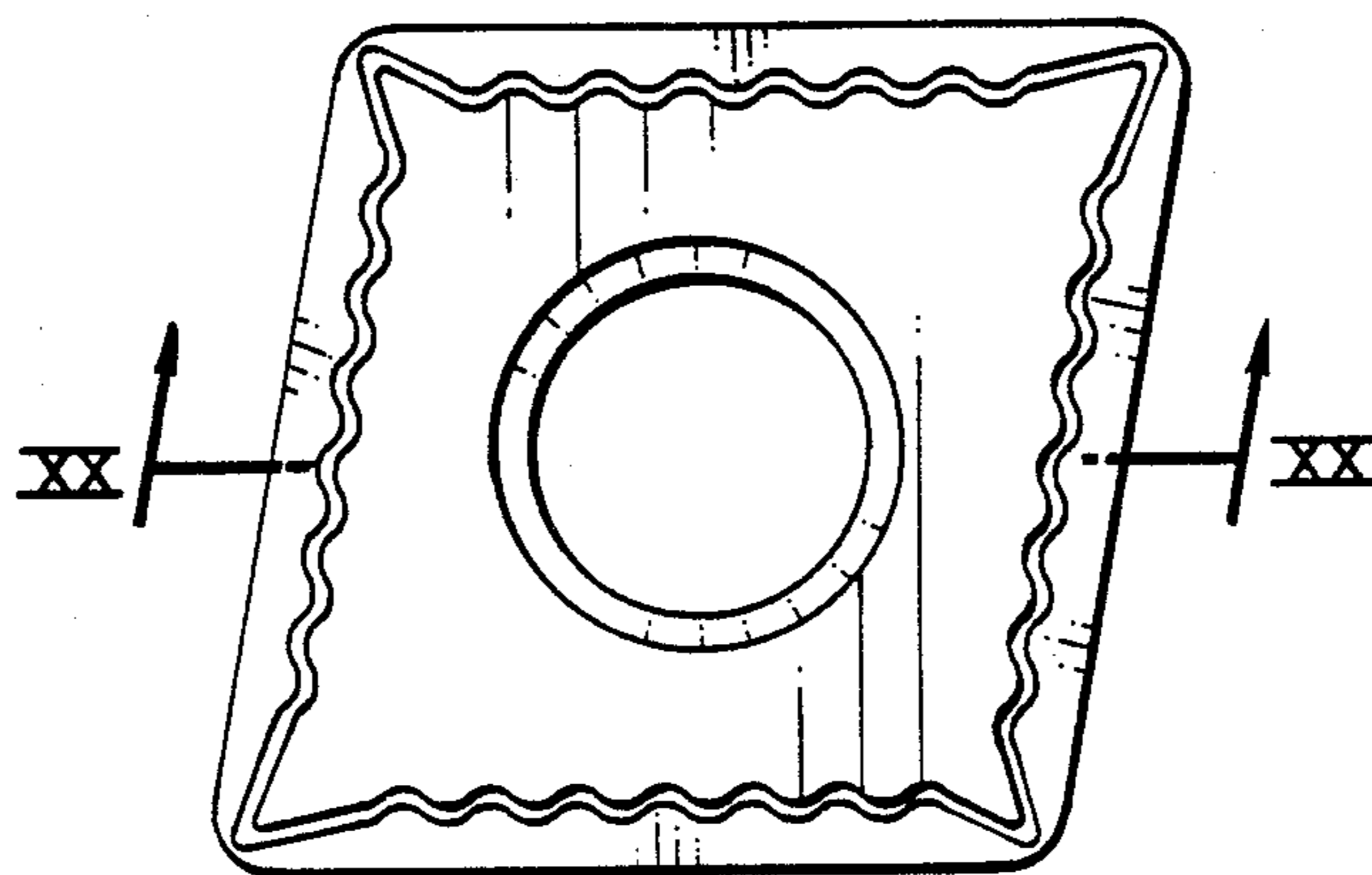


FIG. 17



FIG. 18

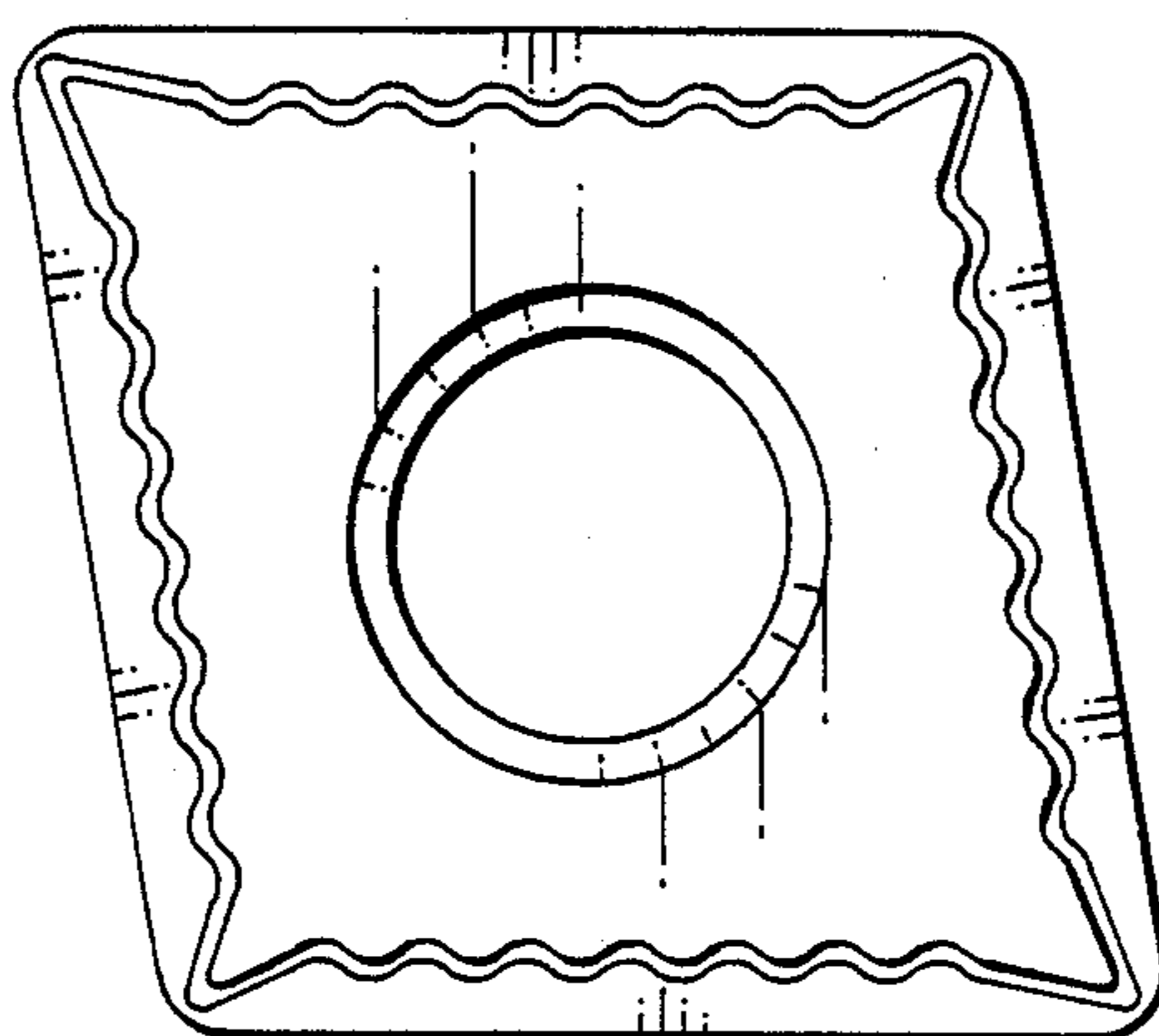


FIG. 19

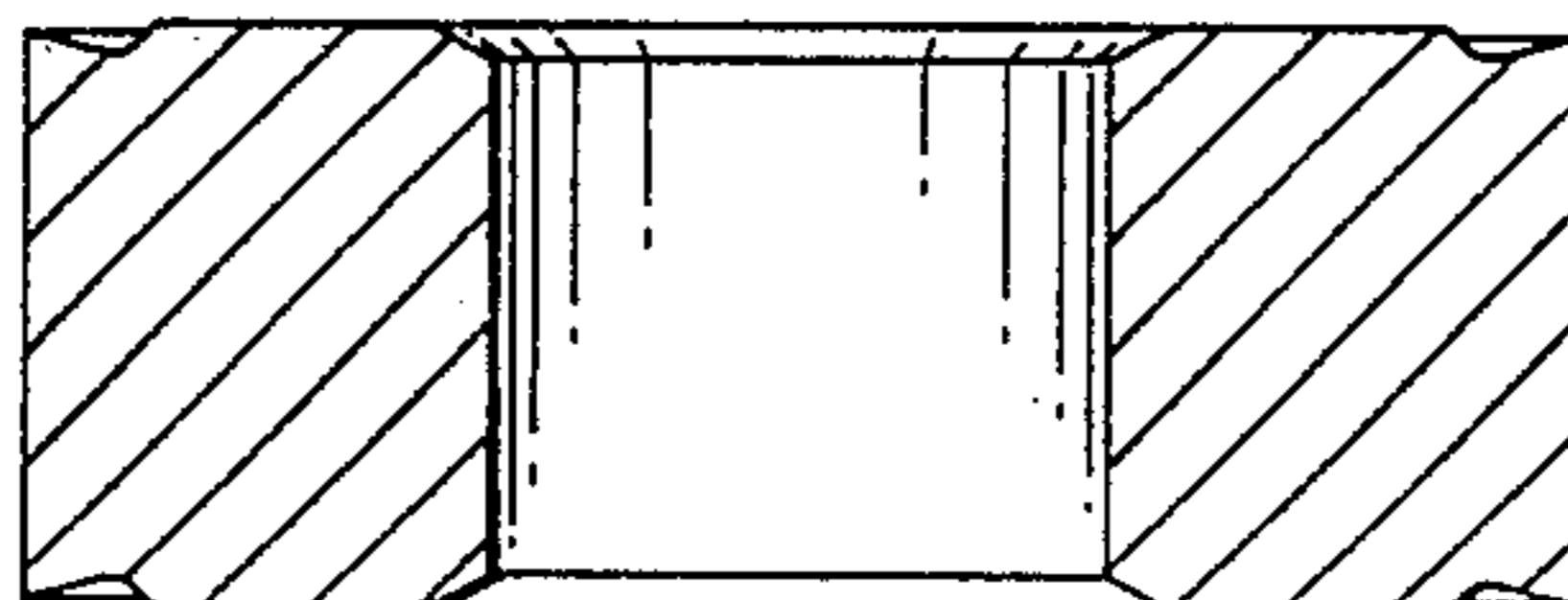


FIG. 20