

#### US00D352511S

# United States Patent [19]

## Niebauer et al.

## Patent Number: Des. 352,511

#### Date of Patent: \*\* Nov. 15, 1994 [45]

[54]	CUTTING TOOL INSERT					
[75]	Inventors:		neth L. Niebauer; h of Raleigh, N.C			
[73]	Assignee:	Ker	mametal Inc., Lat	robe, Pa.		
[**]	Term:	14	Years			
[21]	Appl. No.:	697	,479			
[52]			y 8, 1991			
[58]	Field of Search					
[56]	References Cited					
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Sandvik Advertisement "Sandvik Coromant's New Turning Generation" dated 1987.

Primary Examiner—Alan P. Douglas Assistant Examiner—Antoine D. Davis Attorney, Agent, or Firm-James G. Porcelli

#### CLAIM [57]

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 our new design;

FIG. 2 is a top plan view;

FIG. 3 is a right side elevational view;

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 cross sectional view taken along line VI—VI in FIG. 2;

FIG. 7 is a top and left side perspective view of a second embodiment of the cutting tool insert of FIG. 1 showing our new design;

FIG. 8 is a top plan view;

FIG. 9 is a right side elevational view;

FIG. 10 is a bottom plan view;

FIG. 11 is a cross sectional view taken along line XI—XI in FIG. 8;

FIG. 12 is a cross sectional view taken along line XII-—XII in FIG. 8;

FIG. 13 is a top and left side perspective view of a third embodiment of the cutting tool insert of FIG. 1 showing our new design;

FIG. 14 is a top plan view;

FIG. 15 is a right side elevational view;

FIG. 16 is a bottom plan view;

FIG. 17 is a cross sectional view taken along line XVII-—XVII in FIG. 14;

FIG. 18 is a cross sectional view taken along line XVIII—XVIII in FIG. 14;

FIG. 19 is a top and left side persepctive view of a fourth embodiment of the cutting tool insert of FIG. 1 showing our new design;

FIG. 20 is a top plan view;

FIG. 21 is right side elevational view;

FIG. 22 is a bottom plan view;

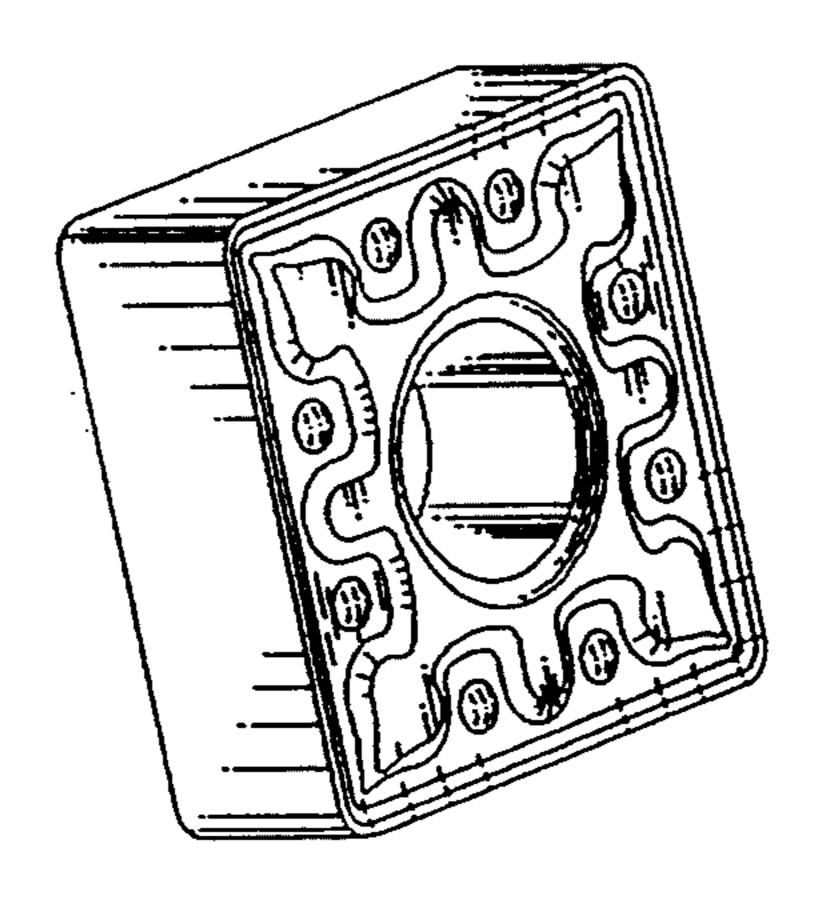
FIG. 23 is a cross sectional view taken along line XXIII—XXIII in FIG. 20;

FIG. 24 is a top and left side perspective view of a fifth embodiment of the cutting tool insert of FIG. 1 showing our new design;

FIG. 25 is a top plan view;

FIG. 26 is a right side elevational view;

FIG. 27 is a bottom plan view;



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FIG. 28 is a cross sectional view taken along line XXVIII—XXVIII in FIG. 25; FIG. 29 is a fragmented sectional view of FIG. 2; FIG. 30 is a fragmented sectional view of FIG. 2; FIG. 31 is a fragmented sectional view of FIG. 8; FIG. 32 is a fragmented sectional view of FIG. 8;	FIG. 33 is a fragmented sectional view of FIG. 14; FIG. 34 is a fragmented sectional view of FIG. 14; FIG. 35 is a fragmented sectional view of FIG. 20; FIG. 36 is a fragmented sectional view of FIG. 20; FIG. 37 is a fragmented sectional view of FIG. 25; and, FIG. 38 is a fragmented sectional view of FIG. 25.
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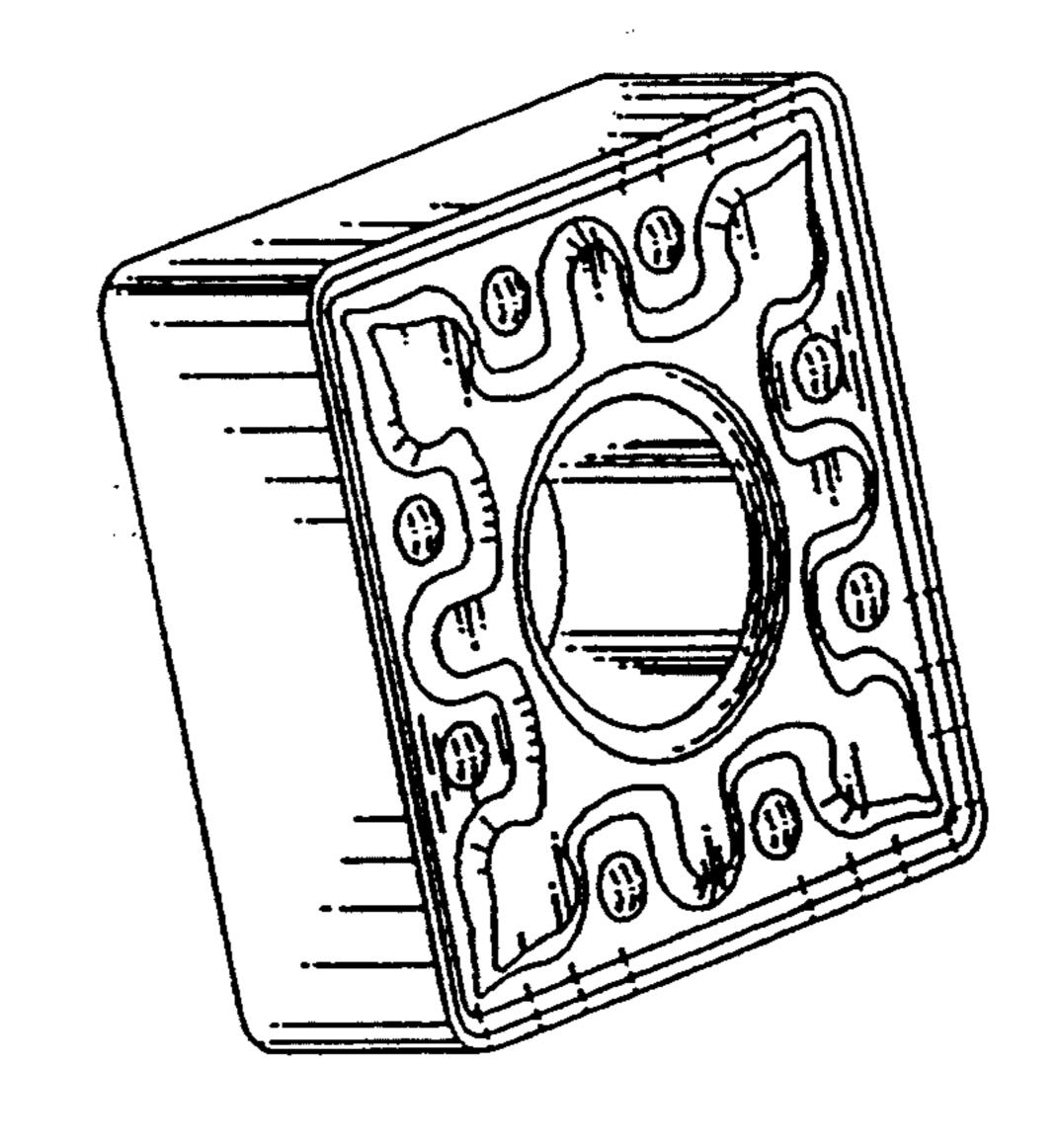


FIG. 1

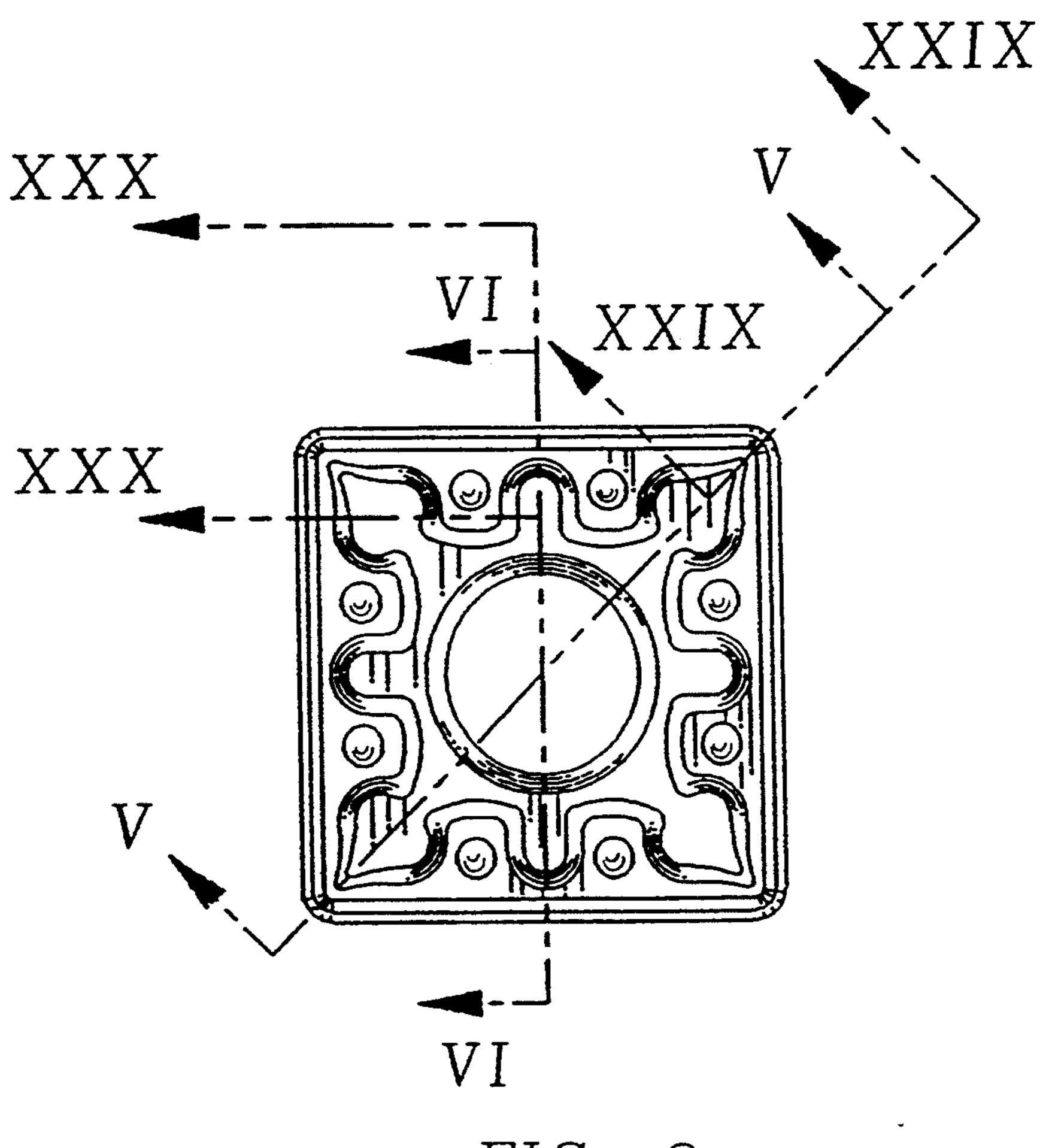


FIG. 2

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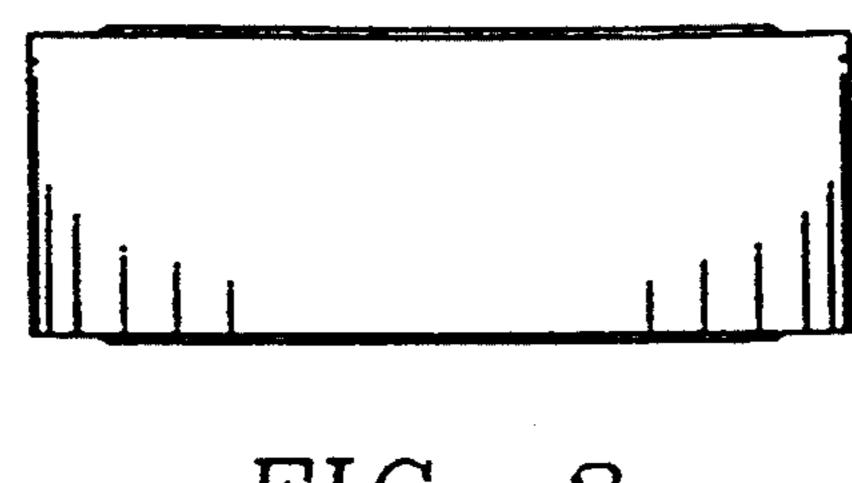


FIG. 3

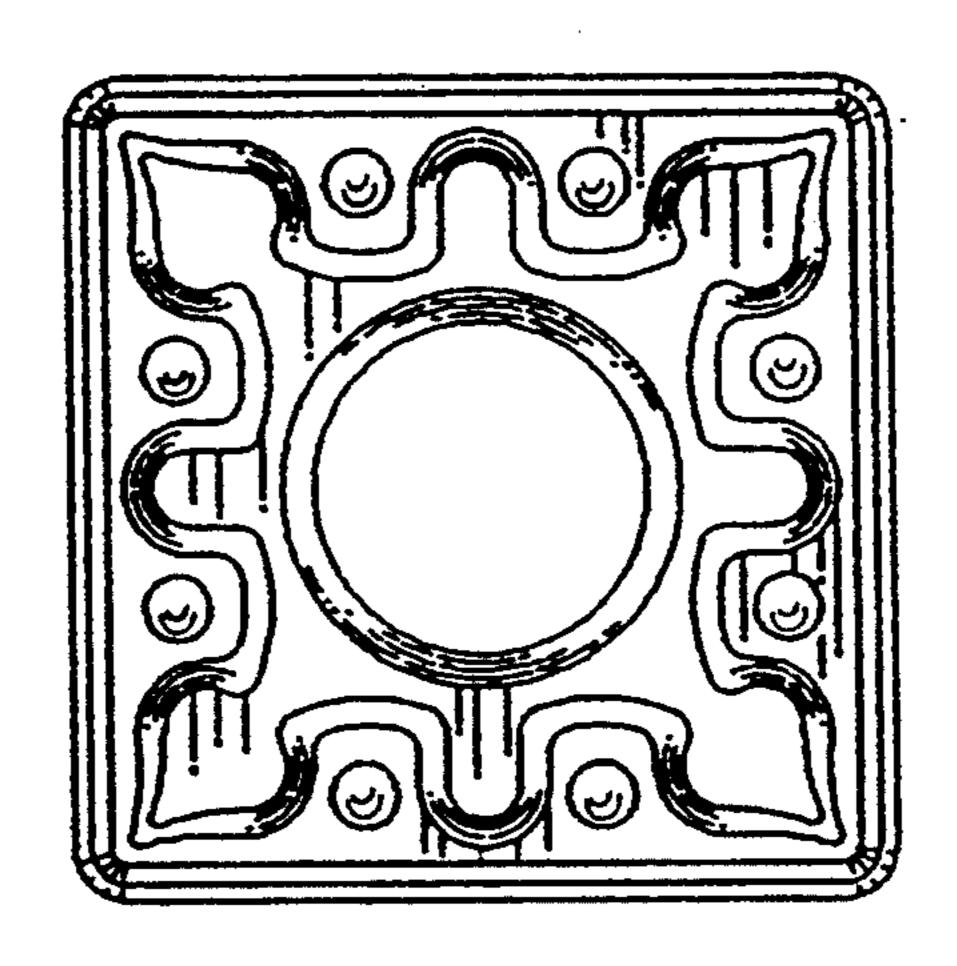


FIG. 4

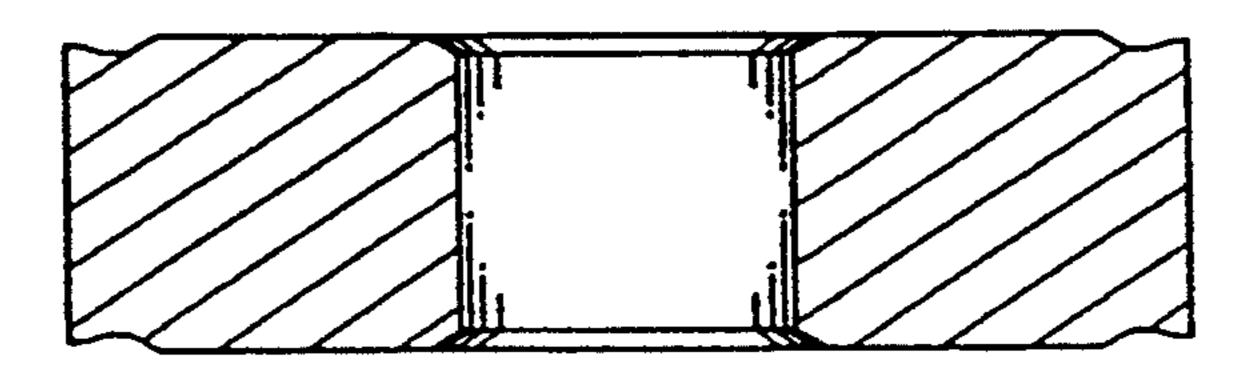


FIG. 5

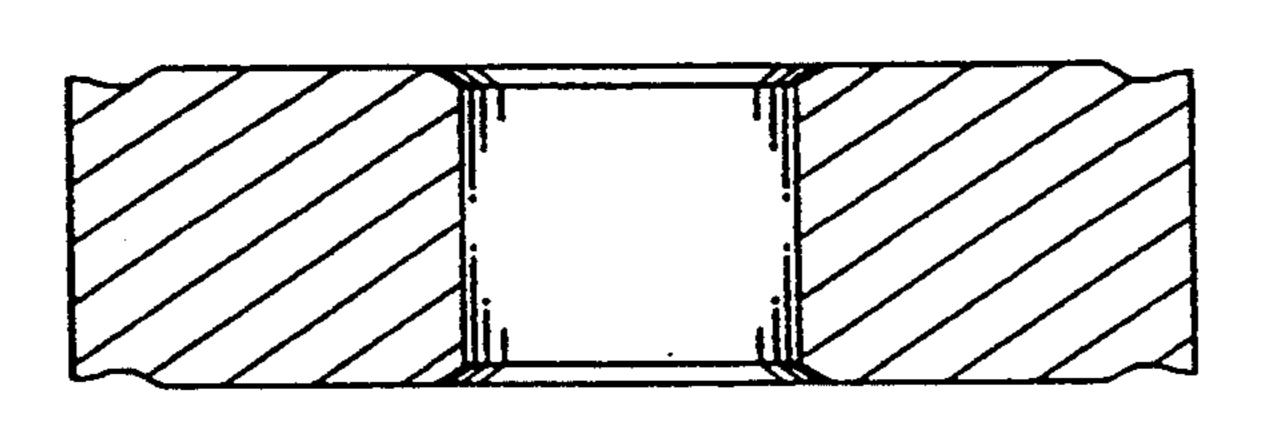


FIG. 6

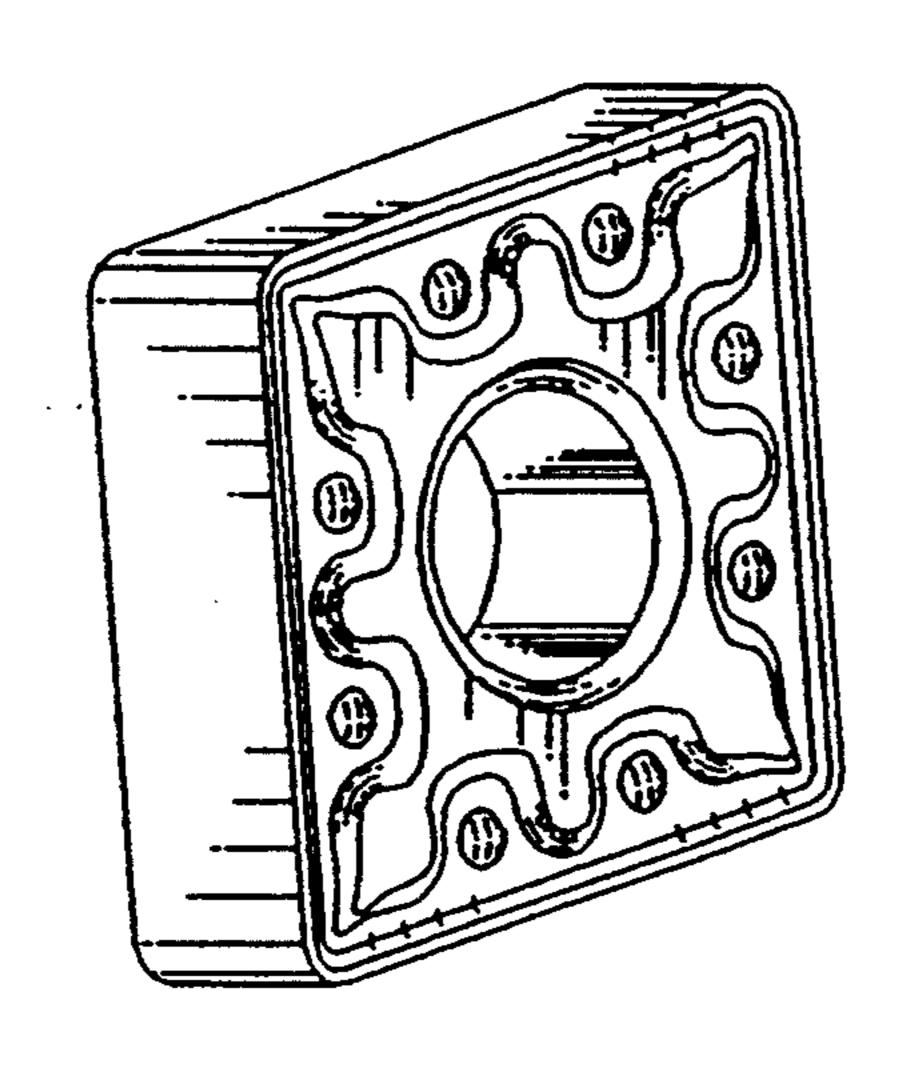


FIG. 7

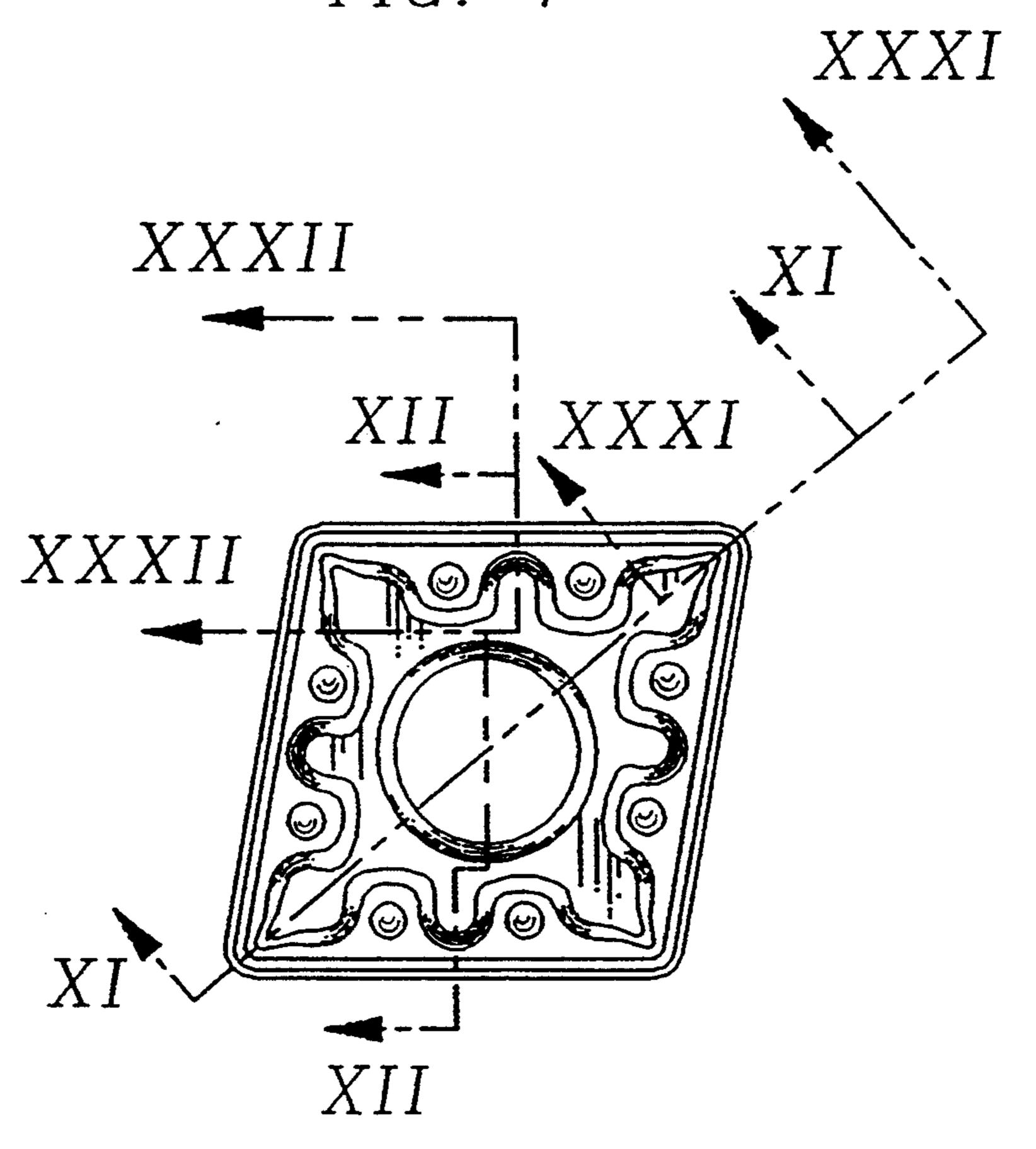
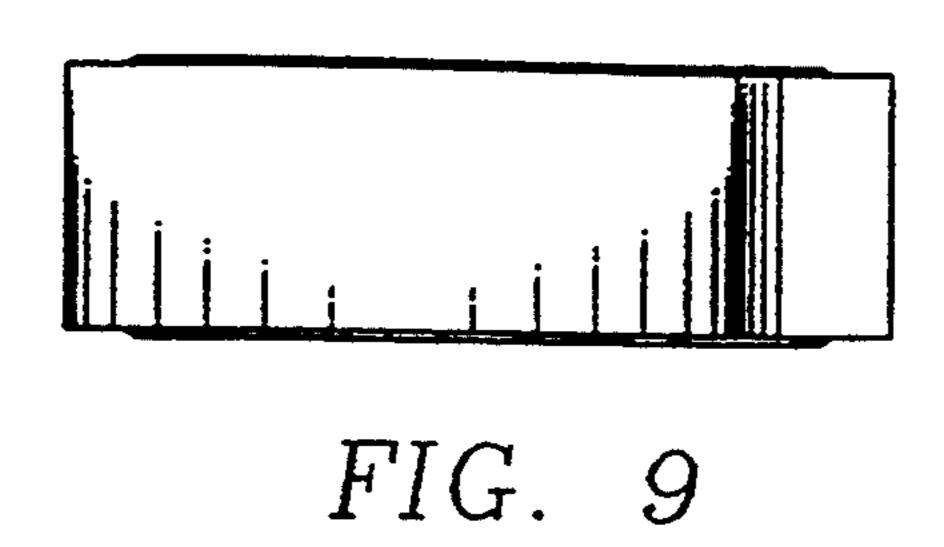


FIG. 8



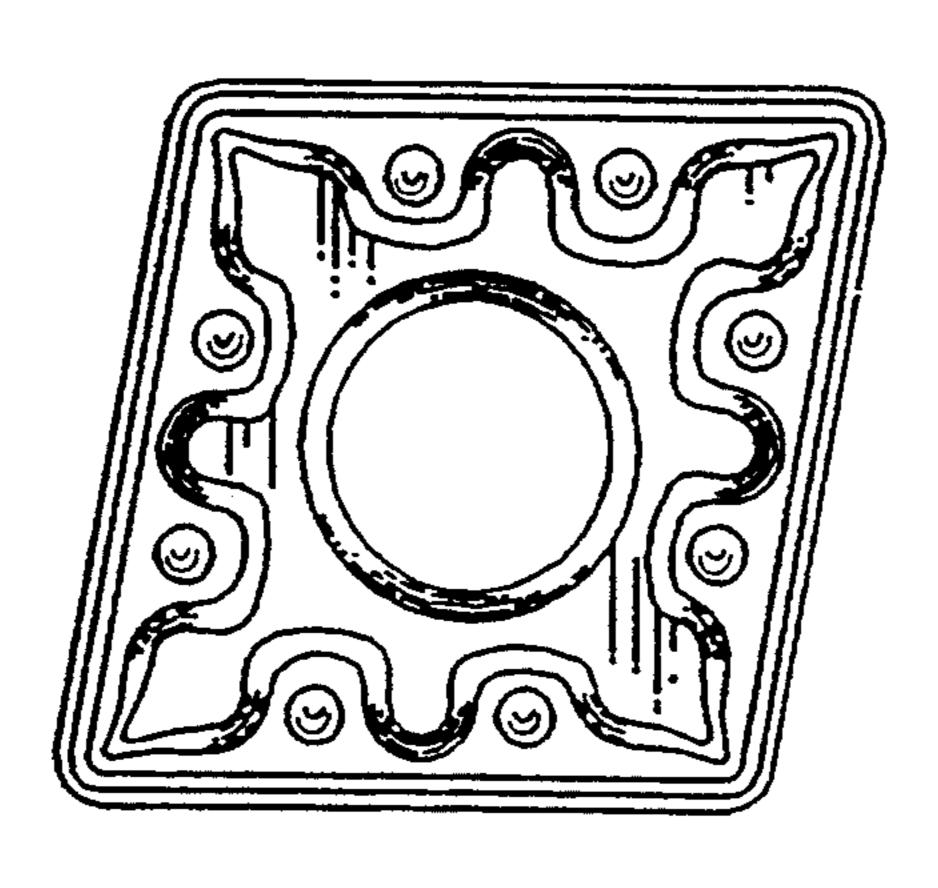


FIG. 10

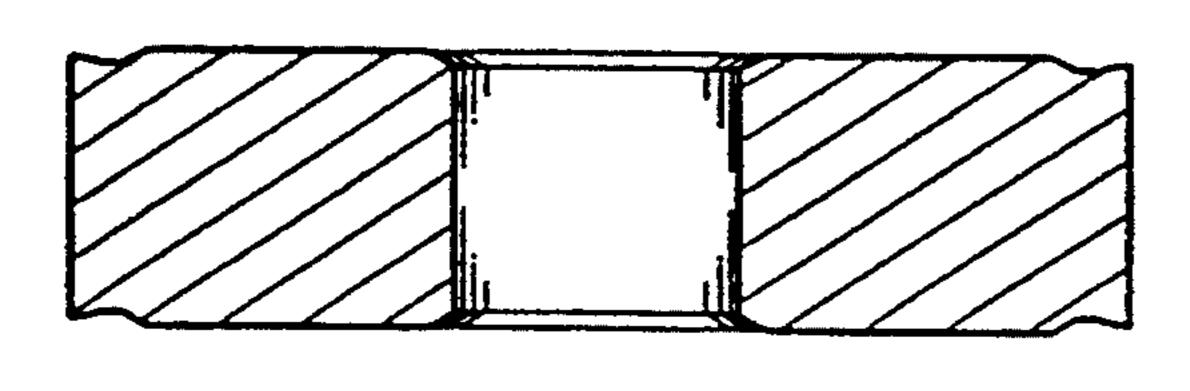


FIG. 11

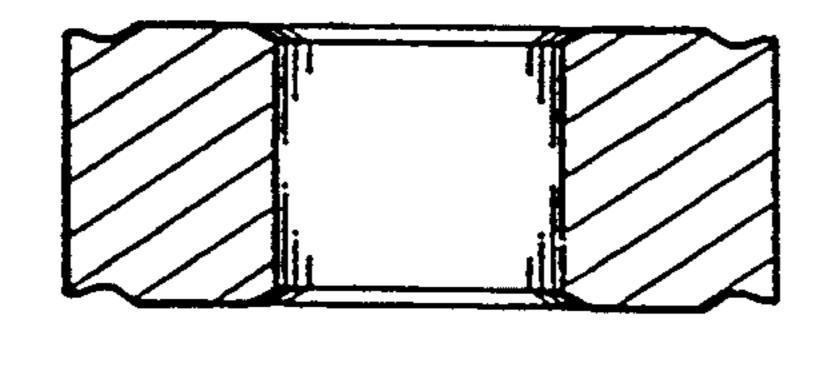


FIG. 12

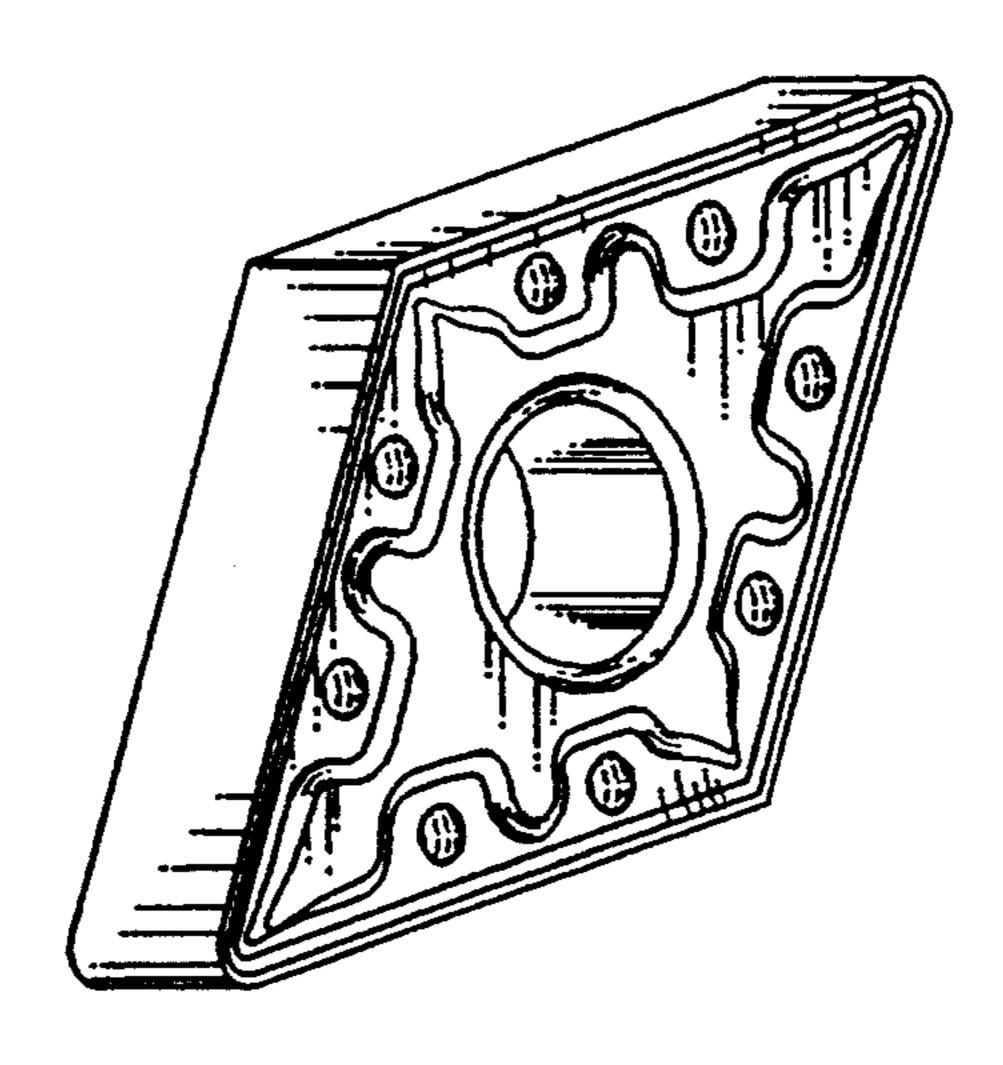


FIG. 13

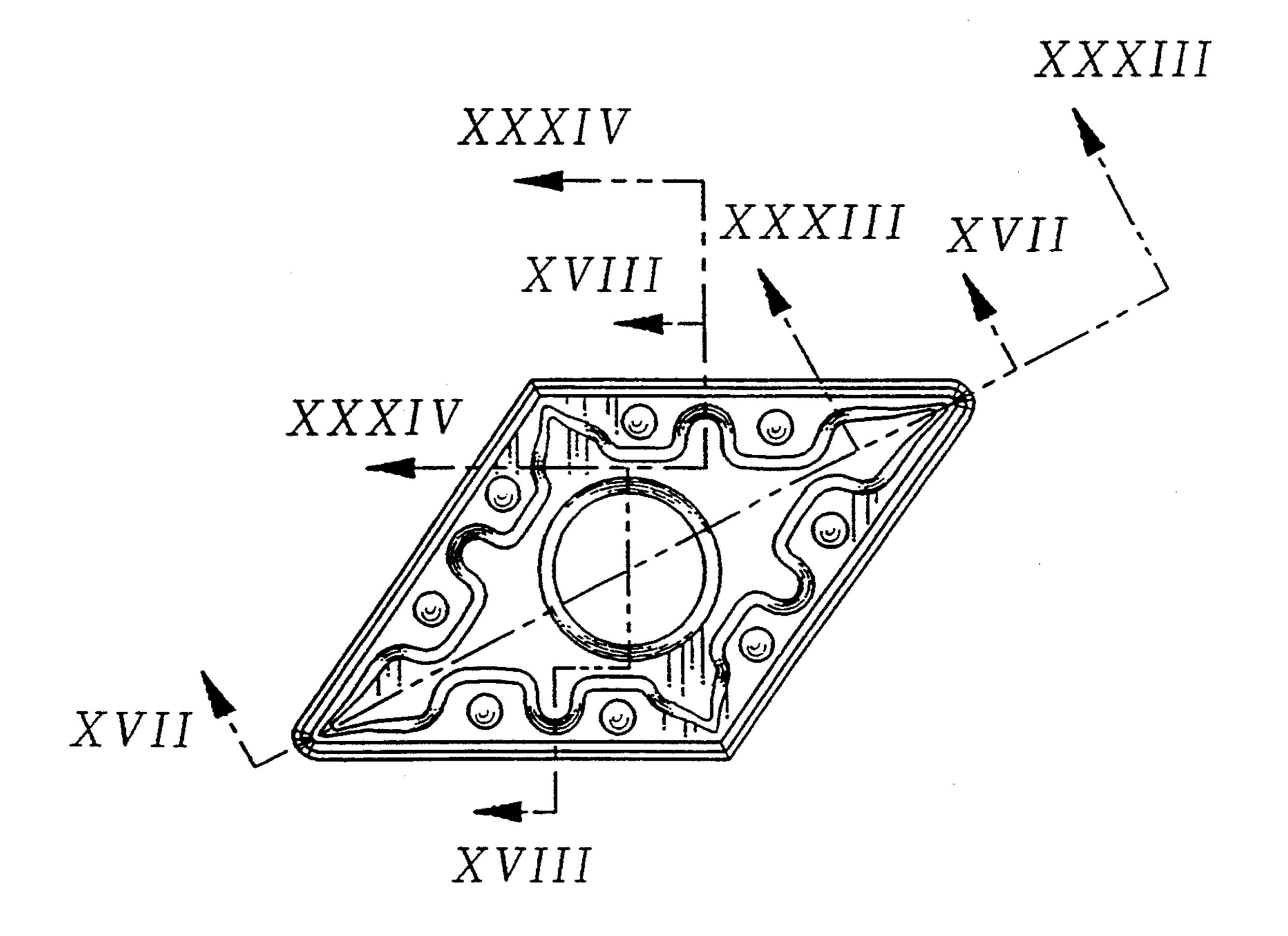
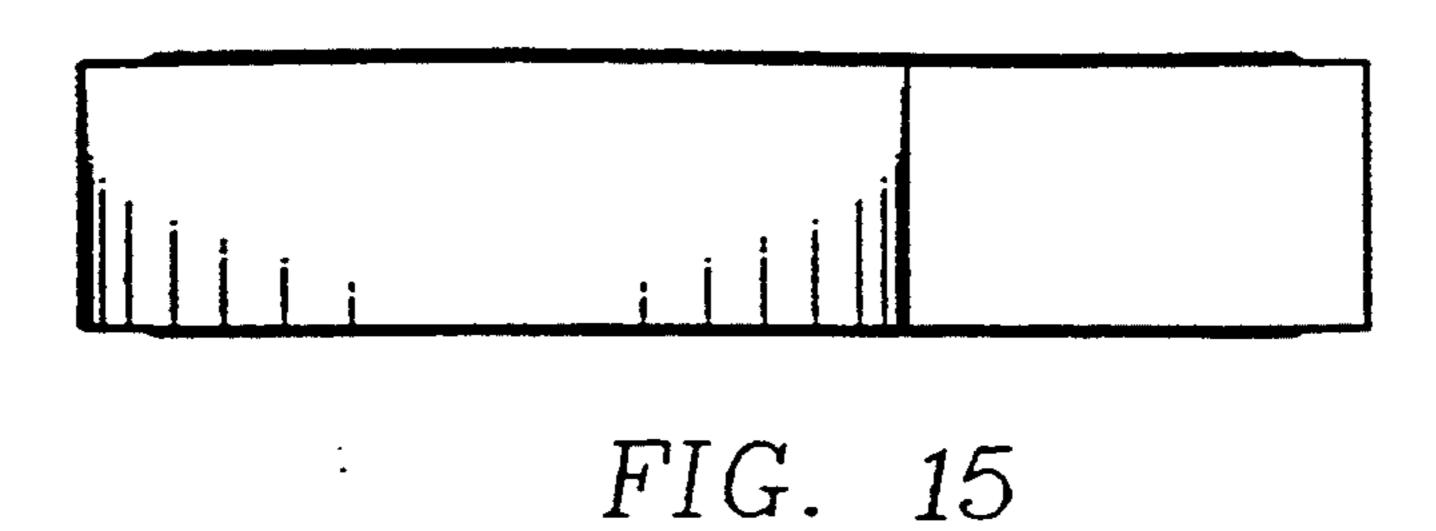


FIG. 14



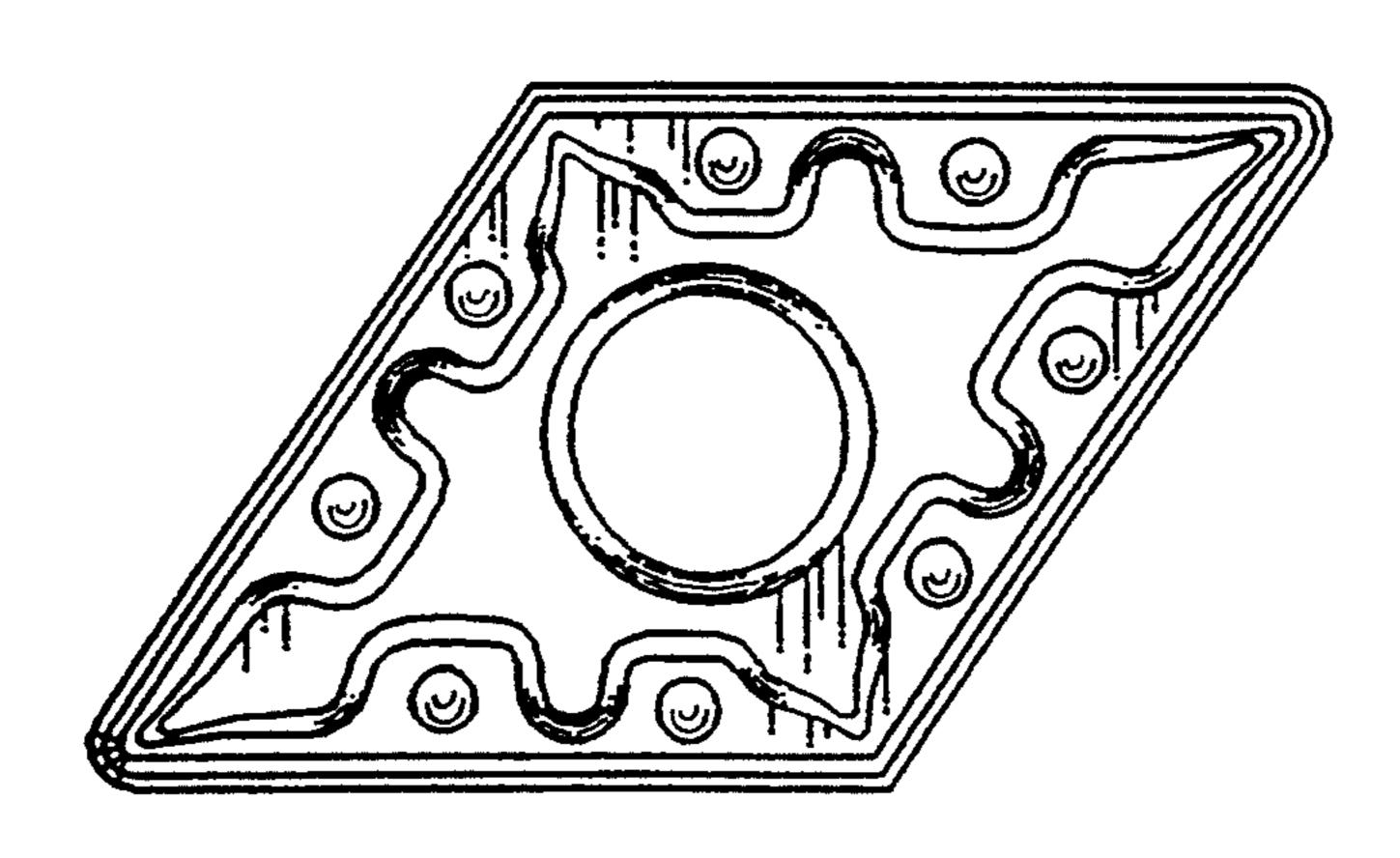


FIG. 16

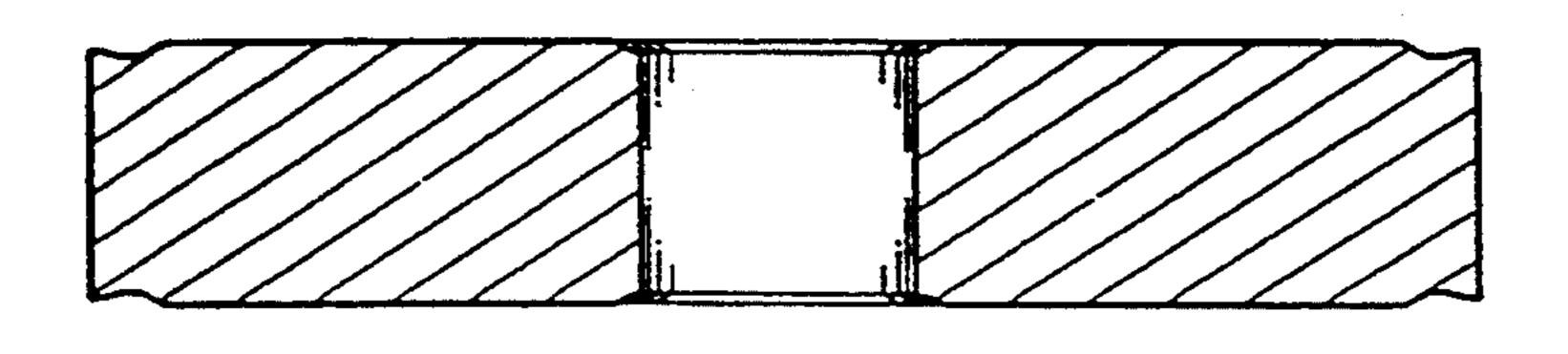


FIG. 17

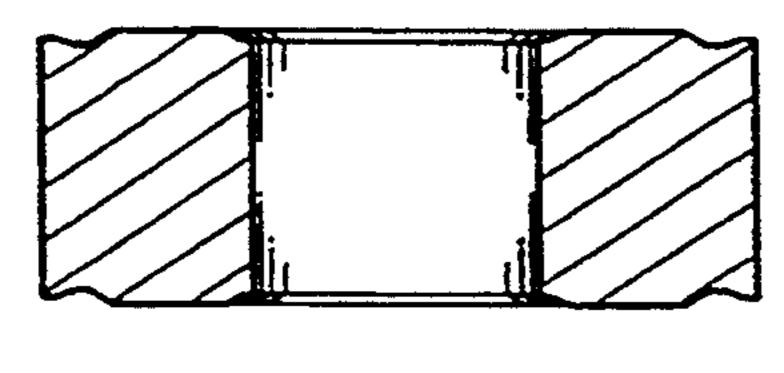


FIG. 18

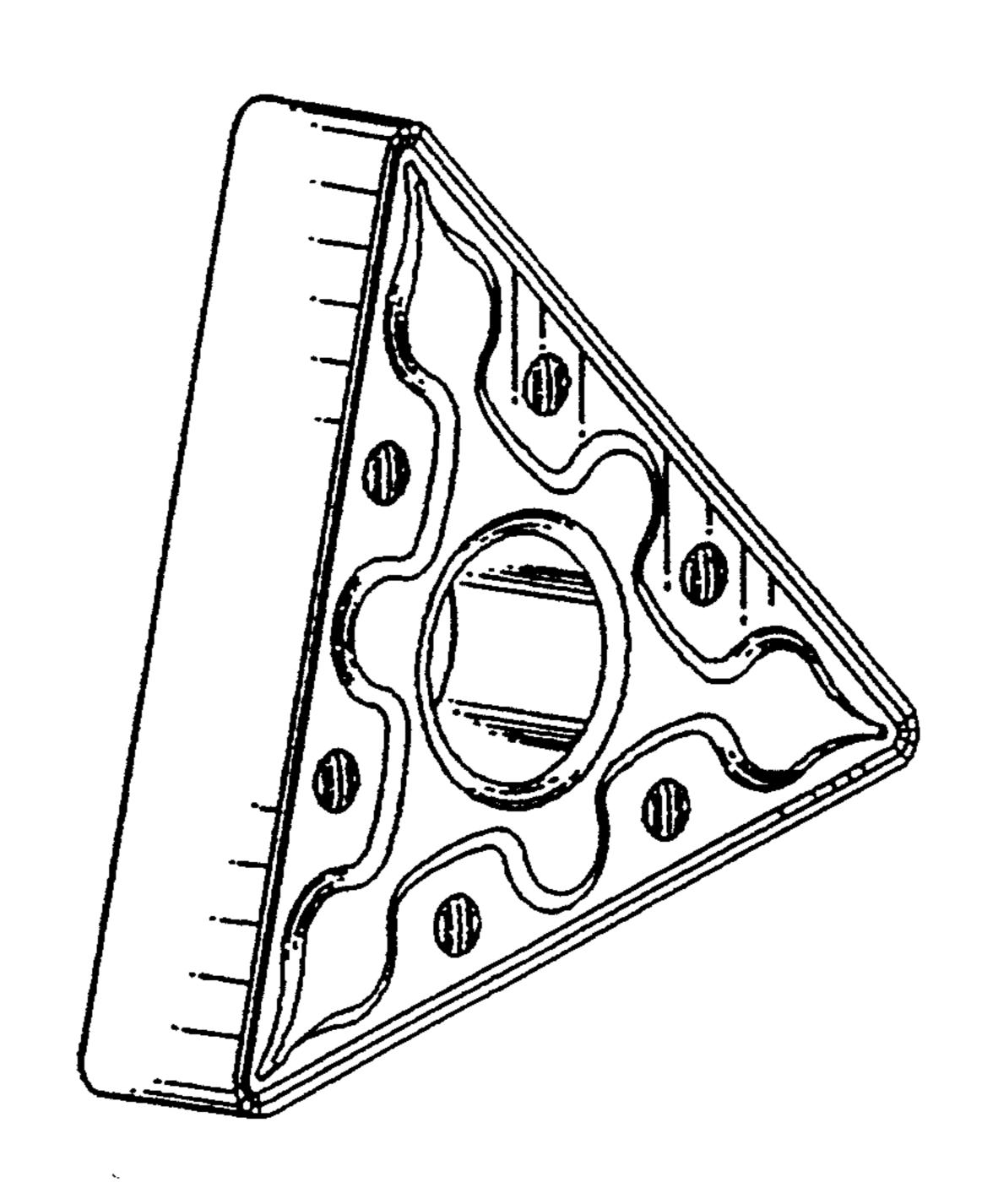
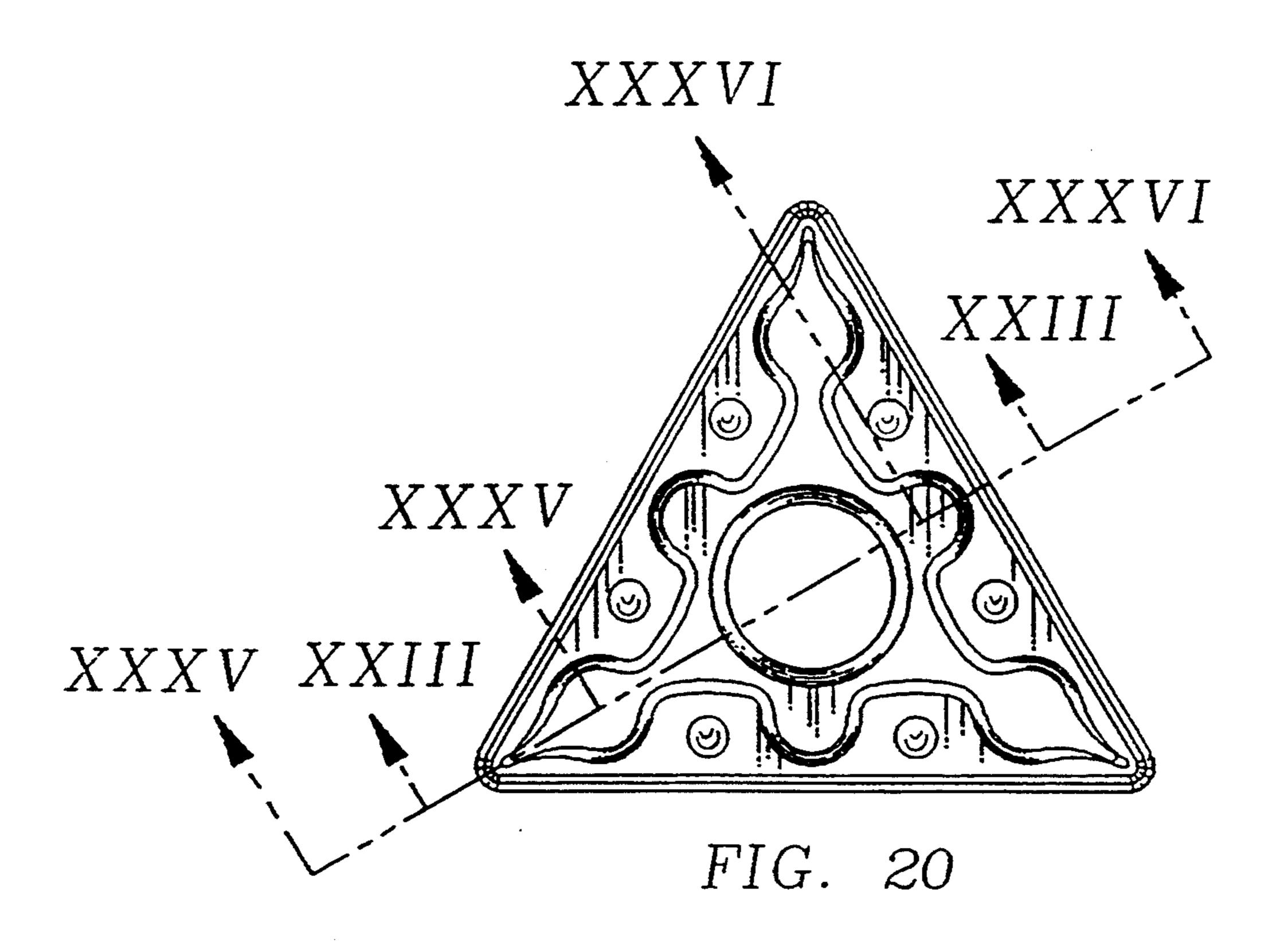
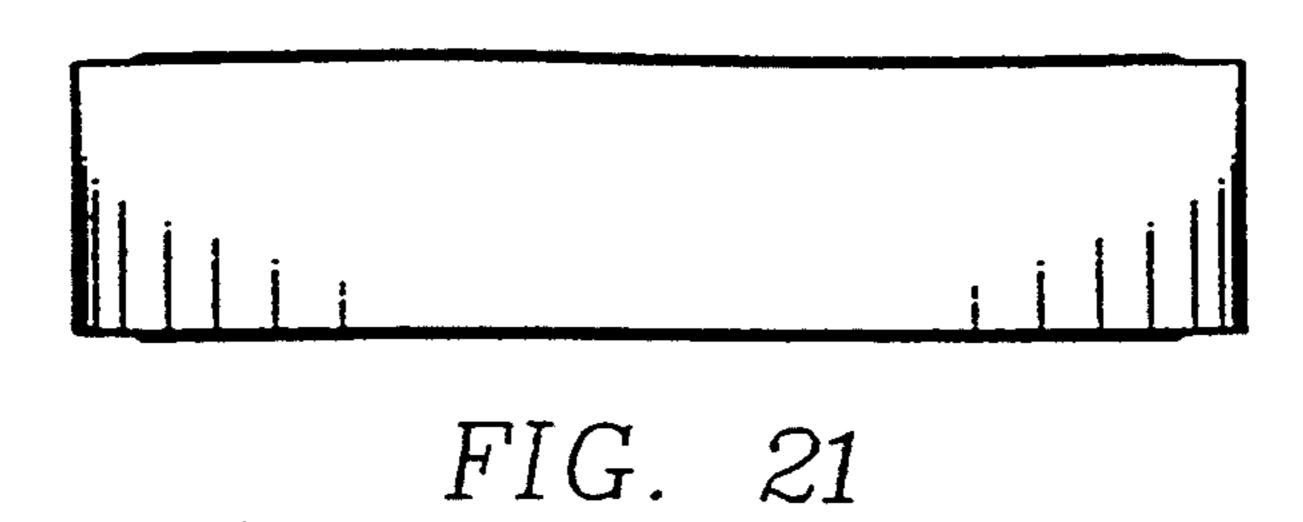
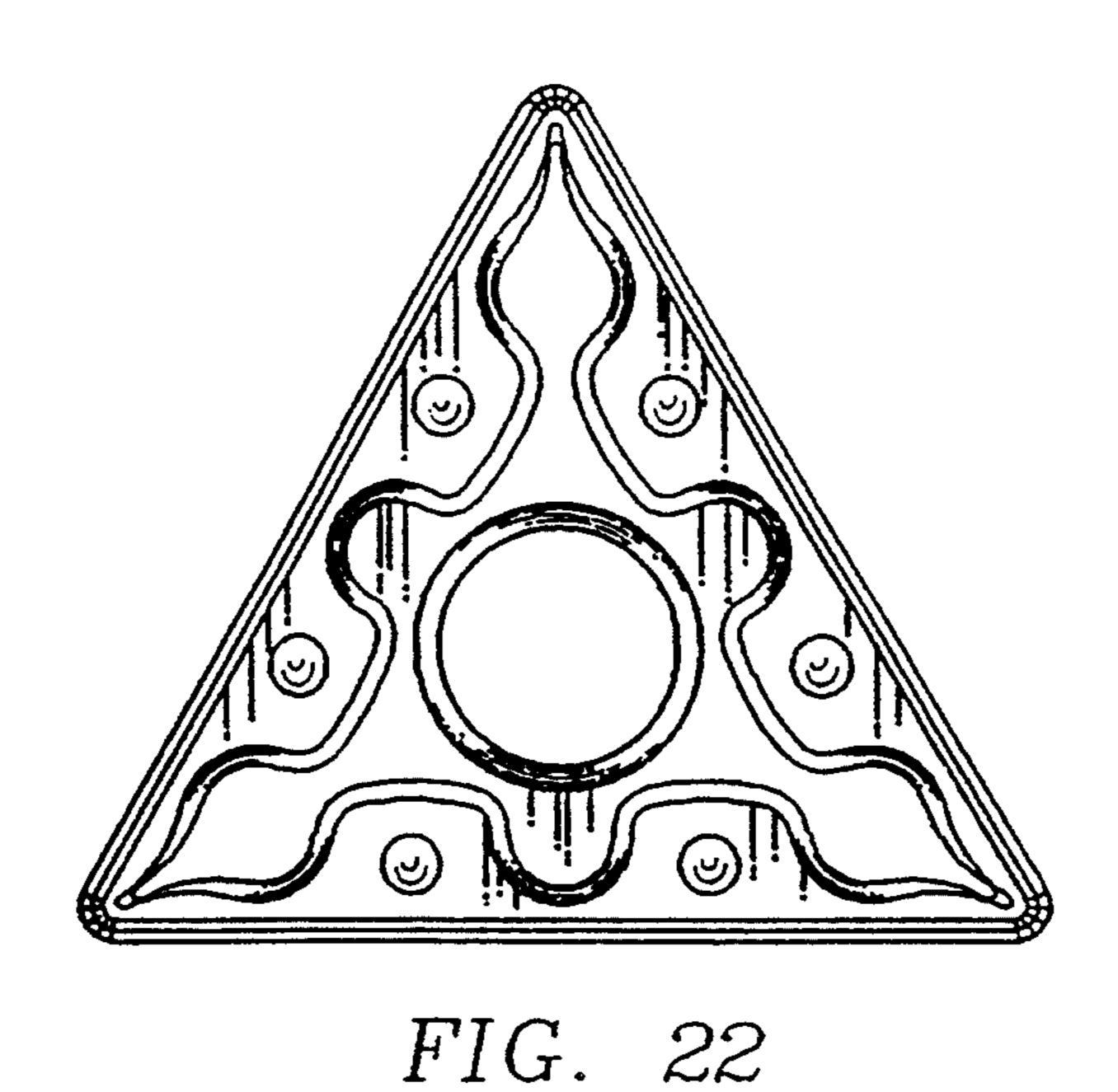


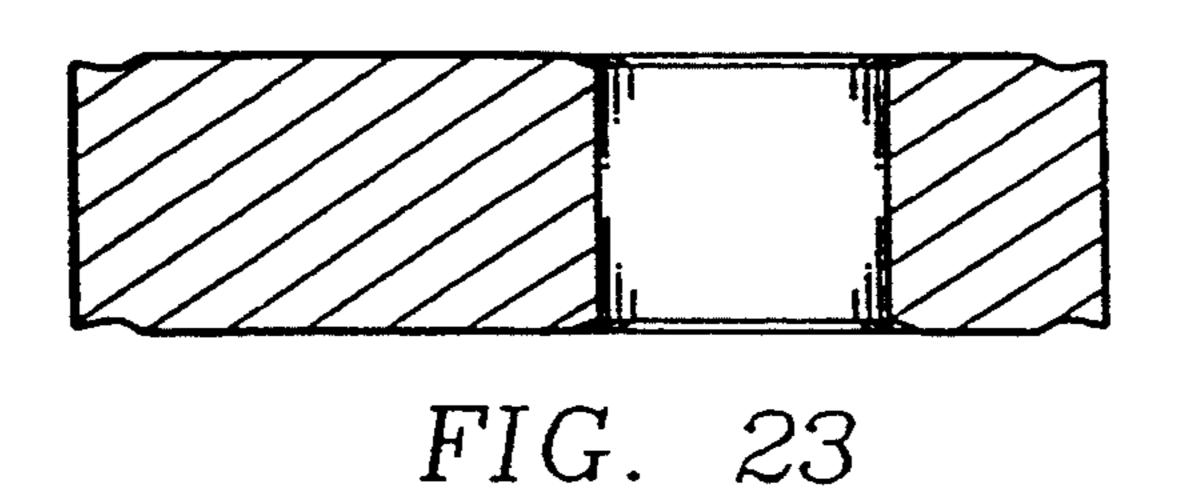
FIG. 19





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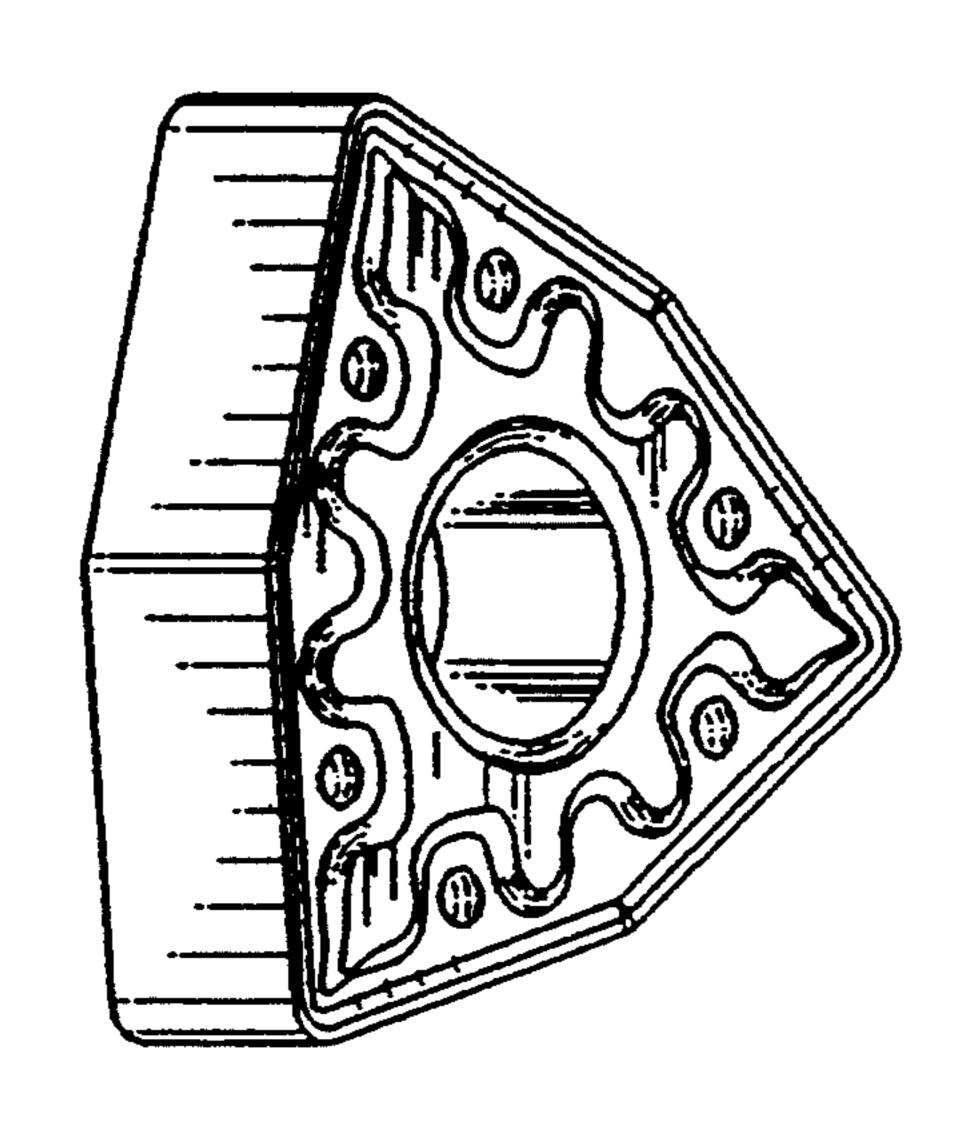
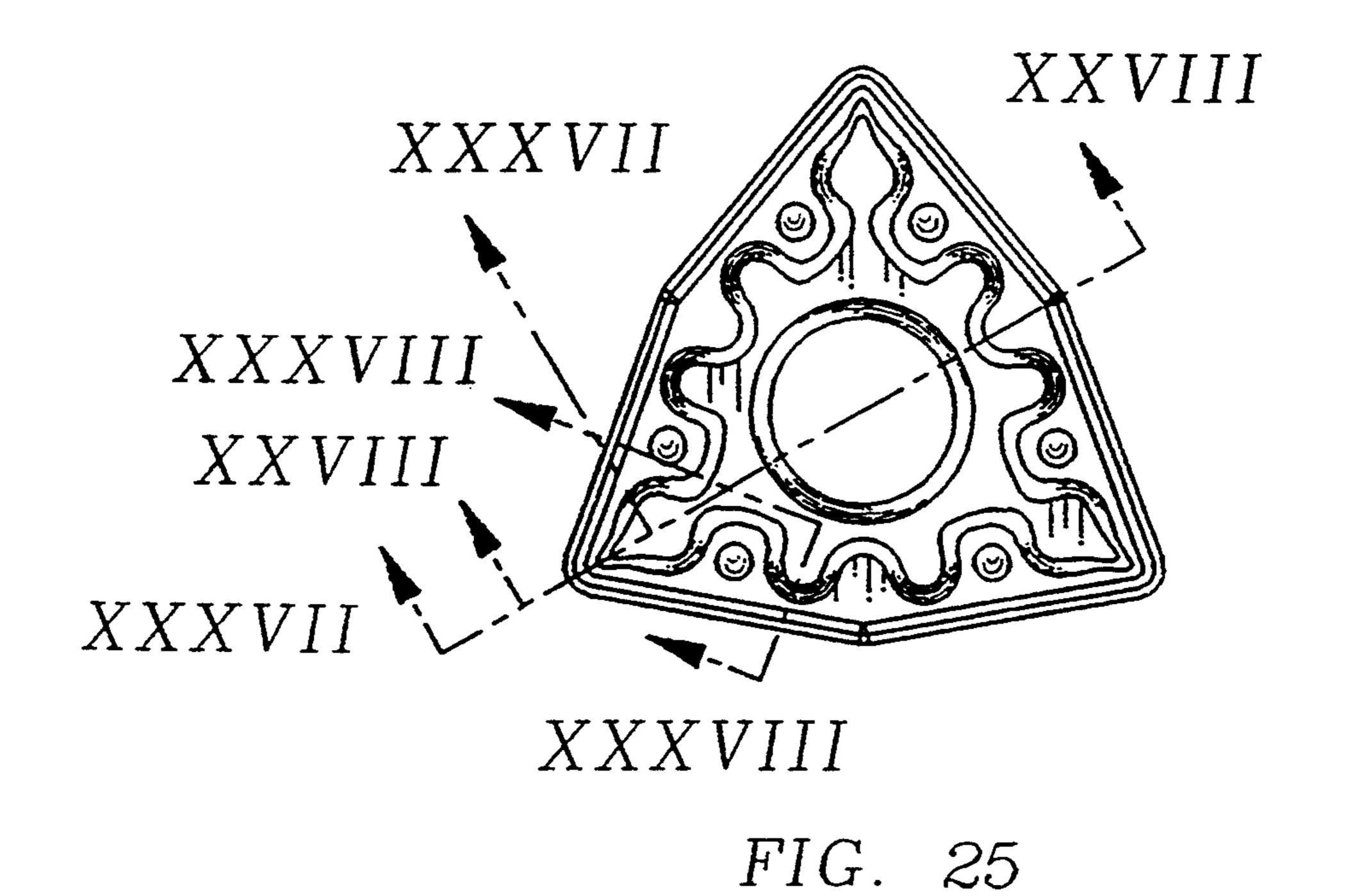
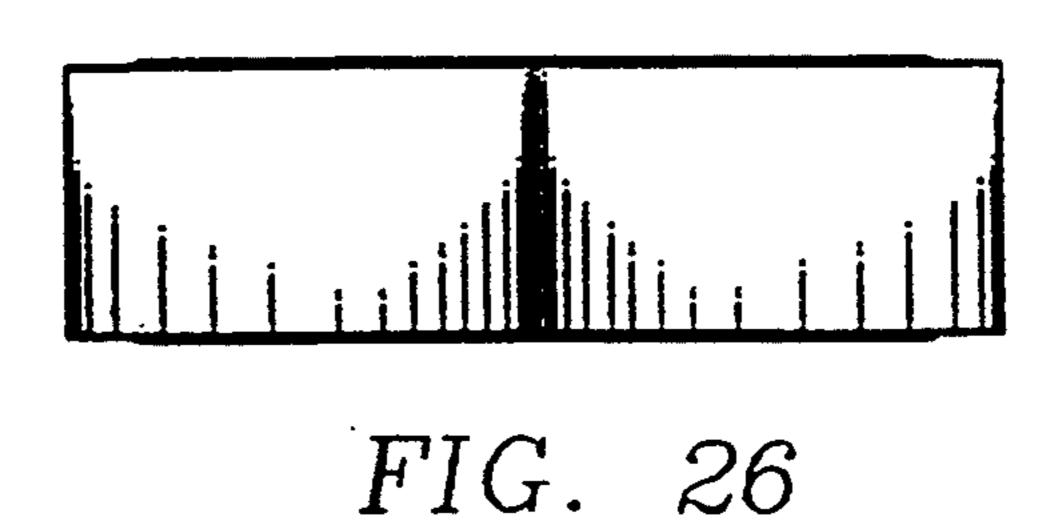


FIG. 24



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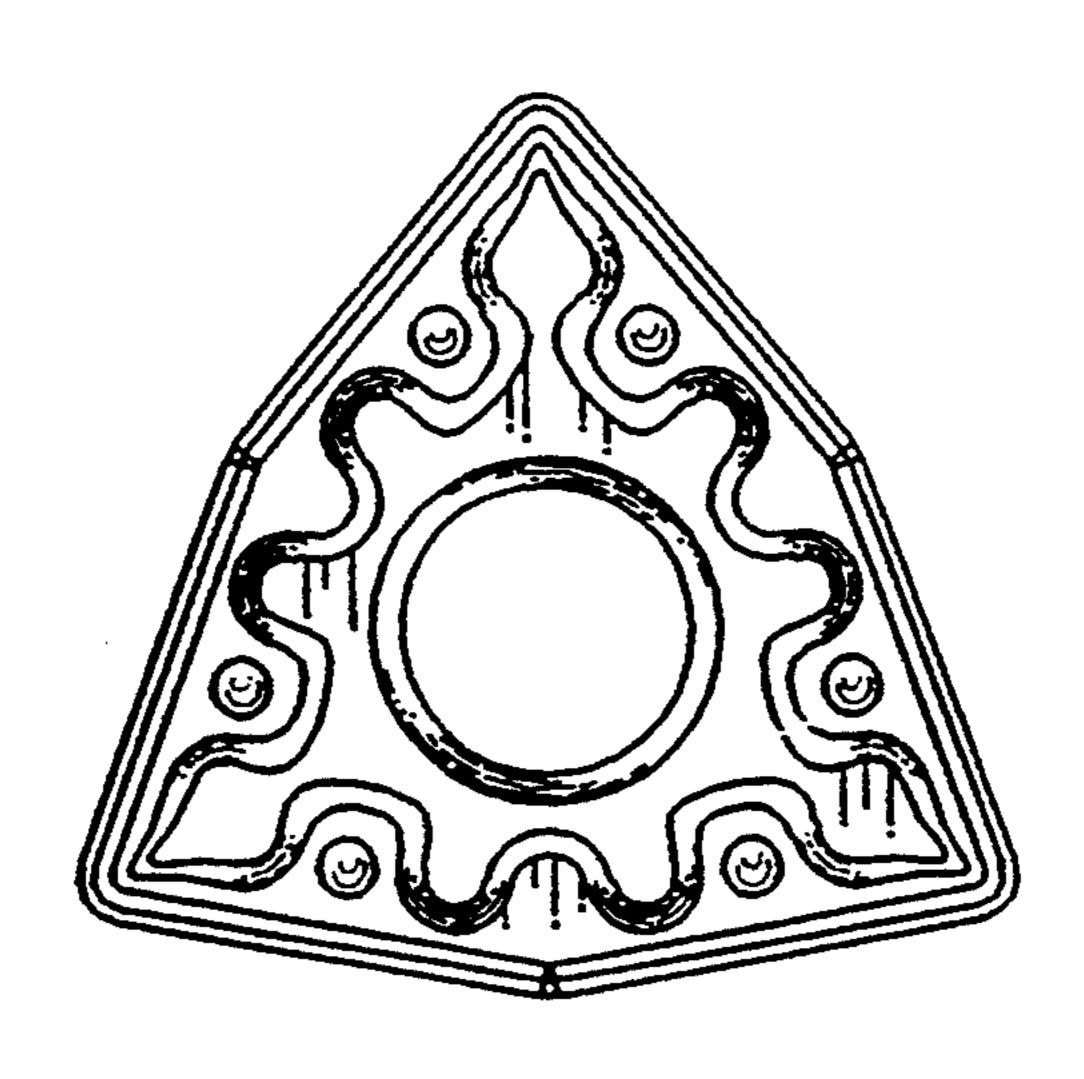


FIG. 27

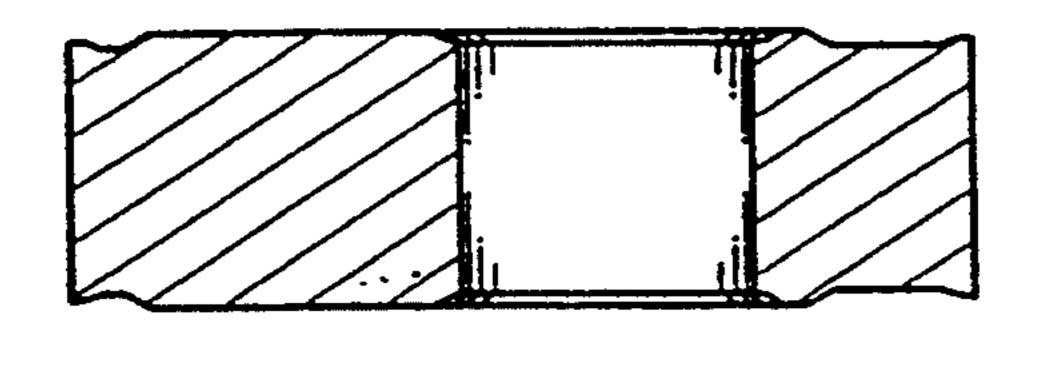
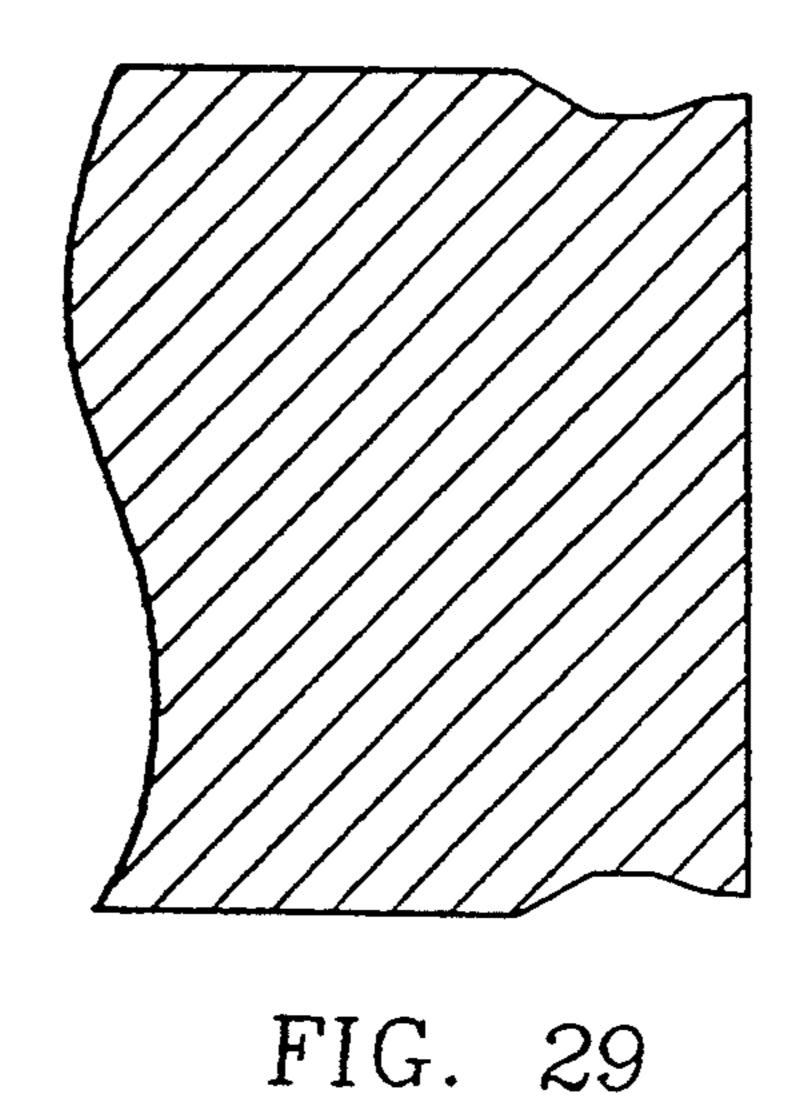


FIG. 28



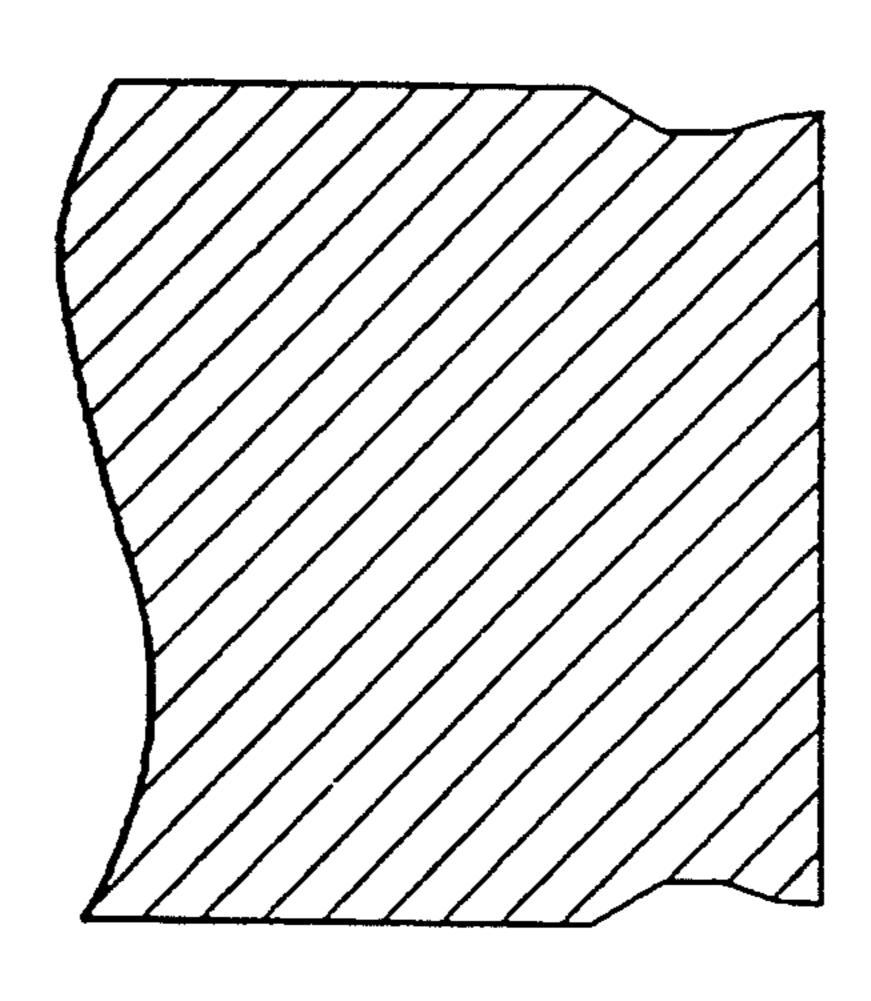


FIG. 30

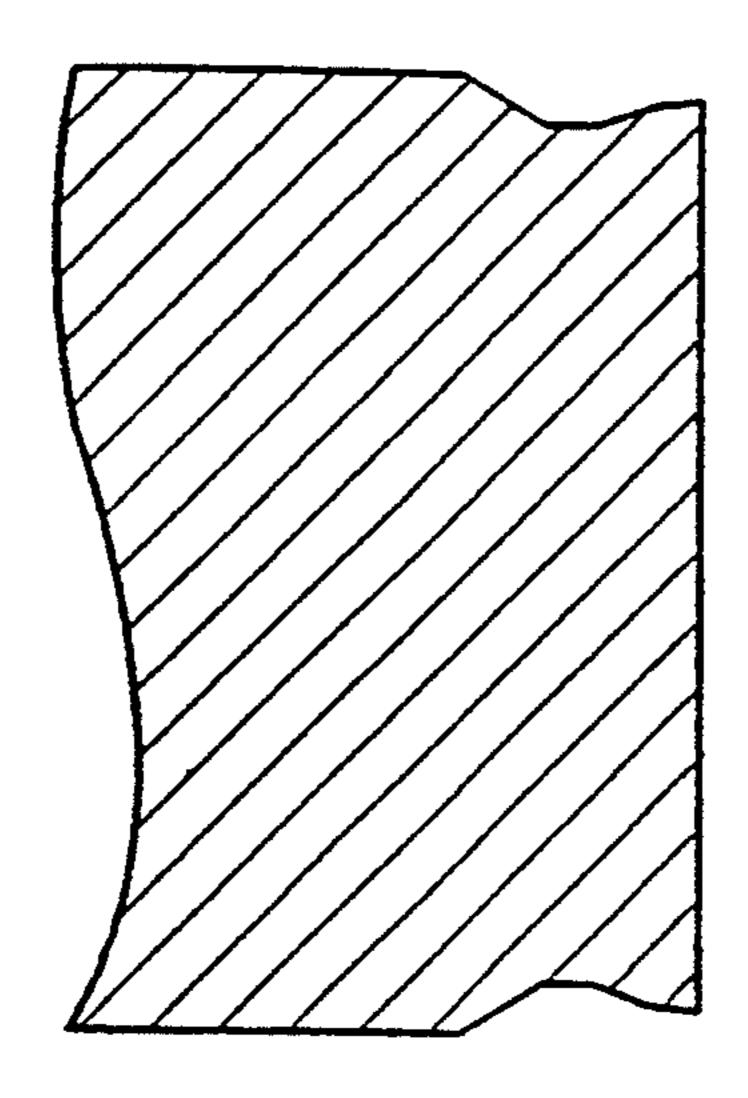


FIG. 31

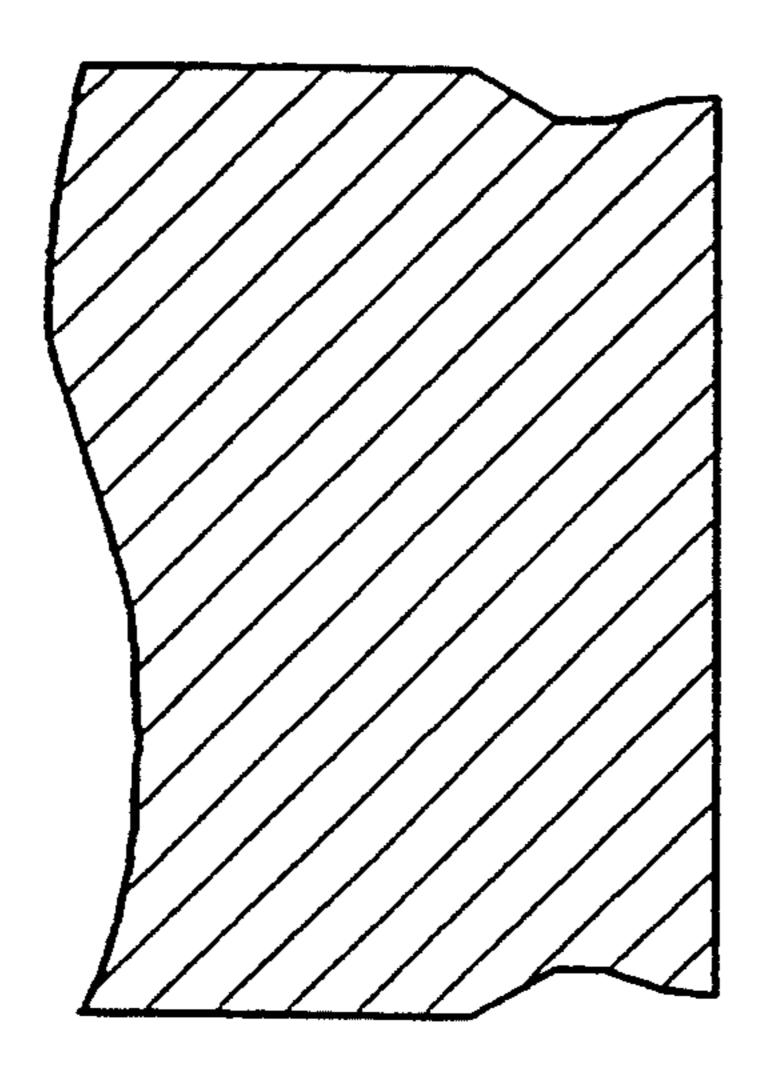
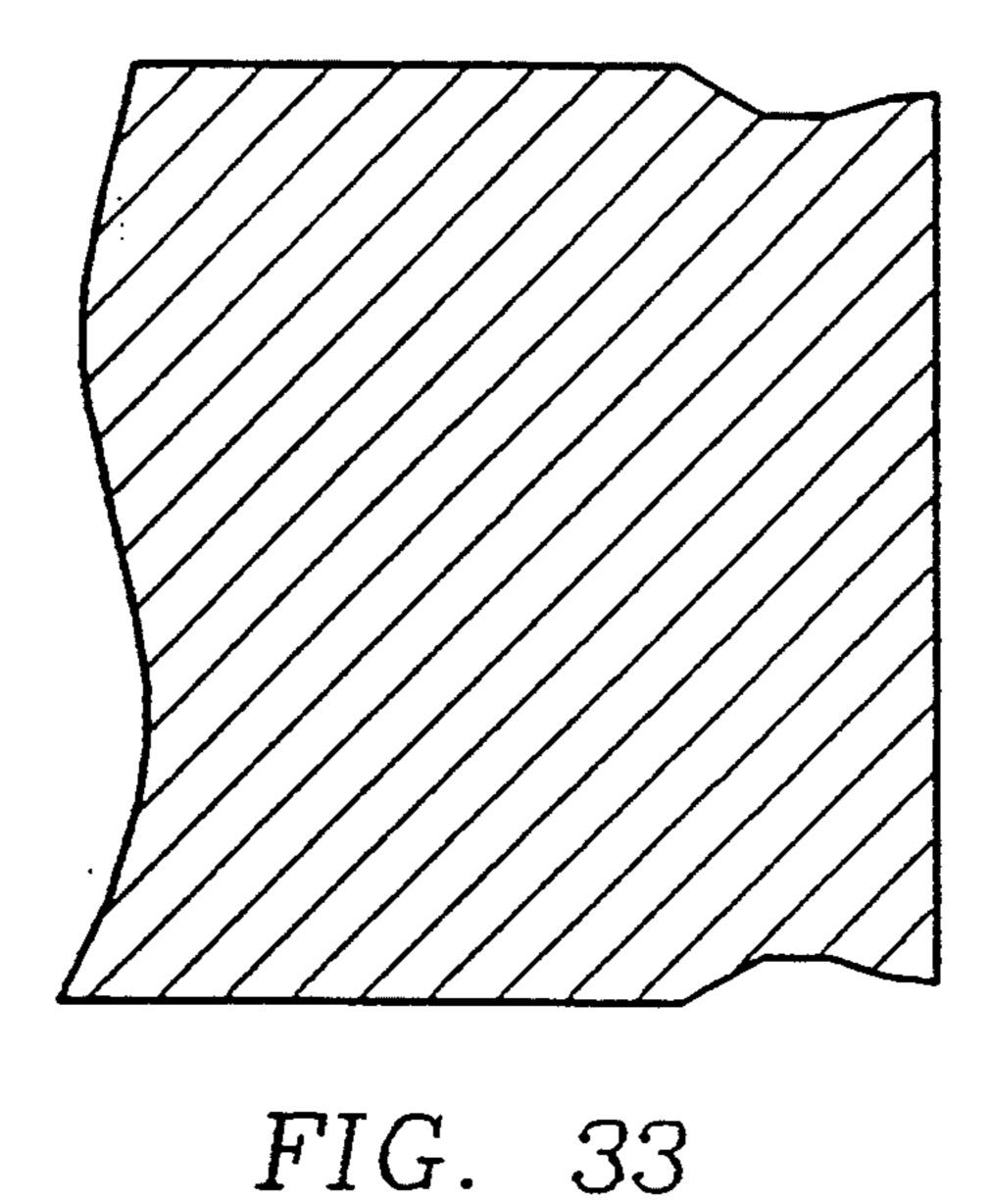


FIG. 32



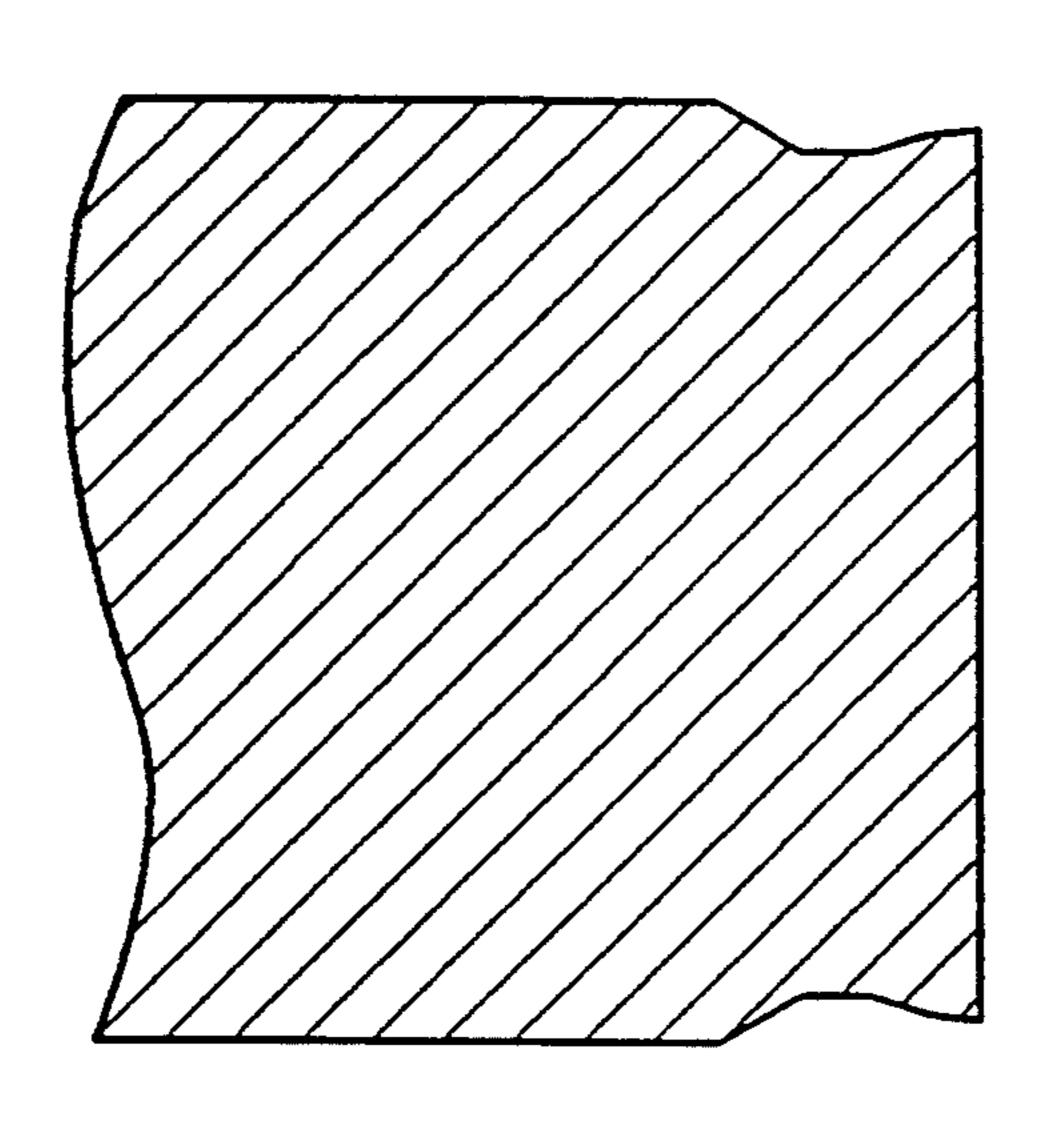
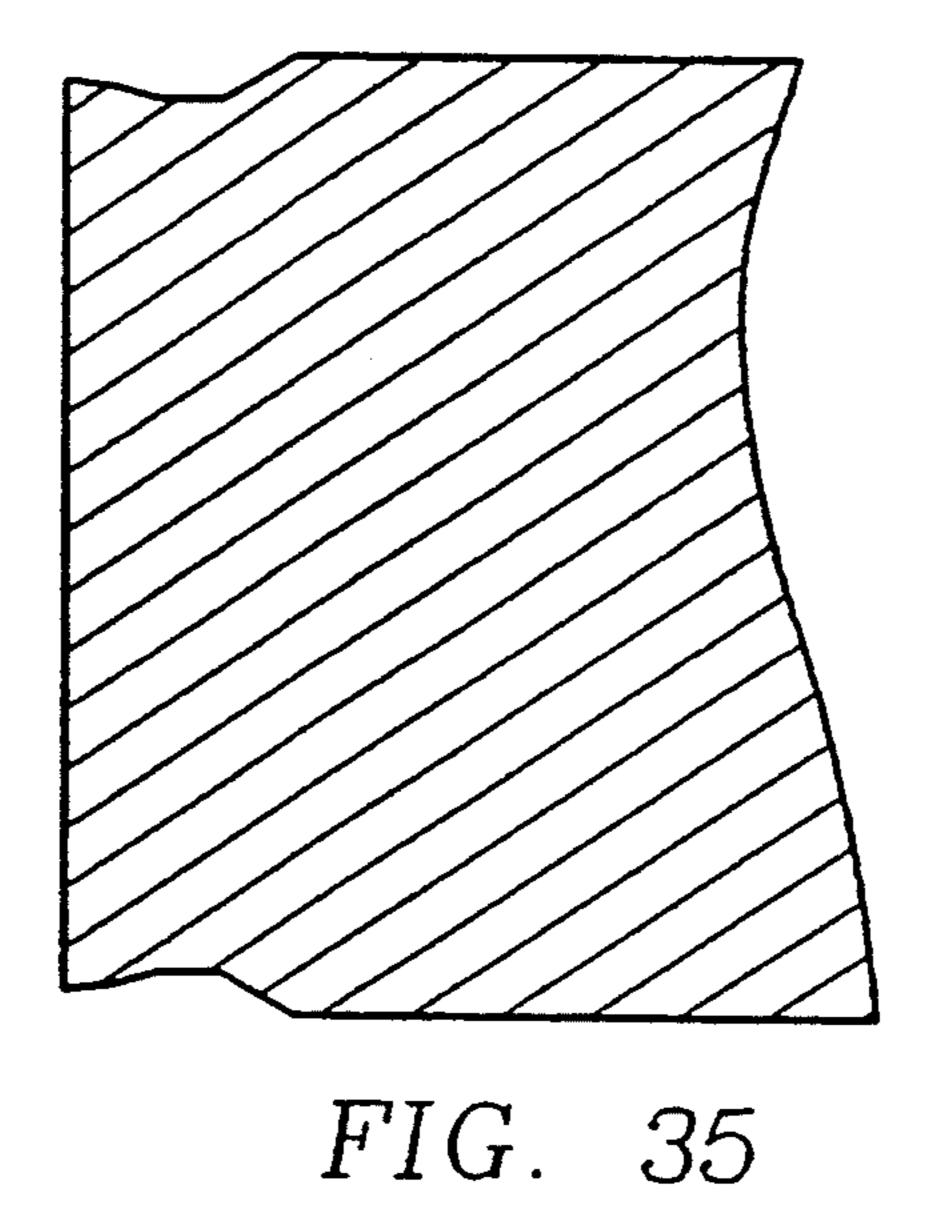


FIG. 34



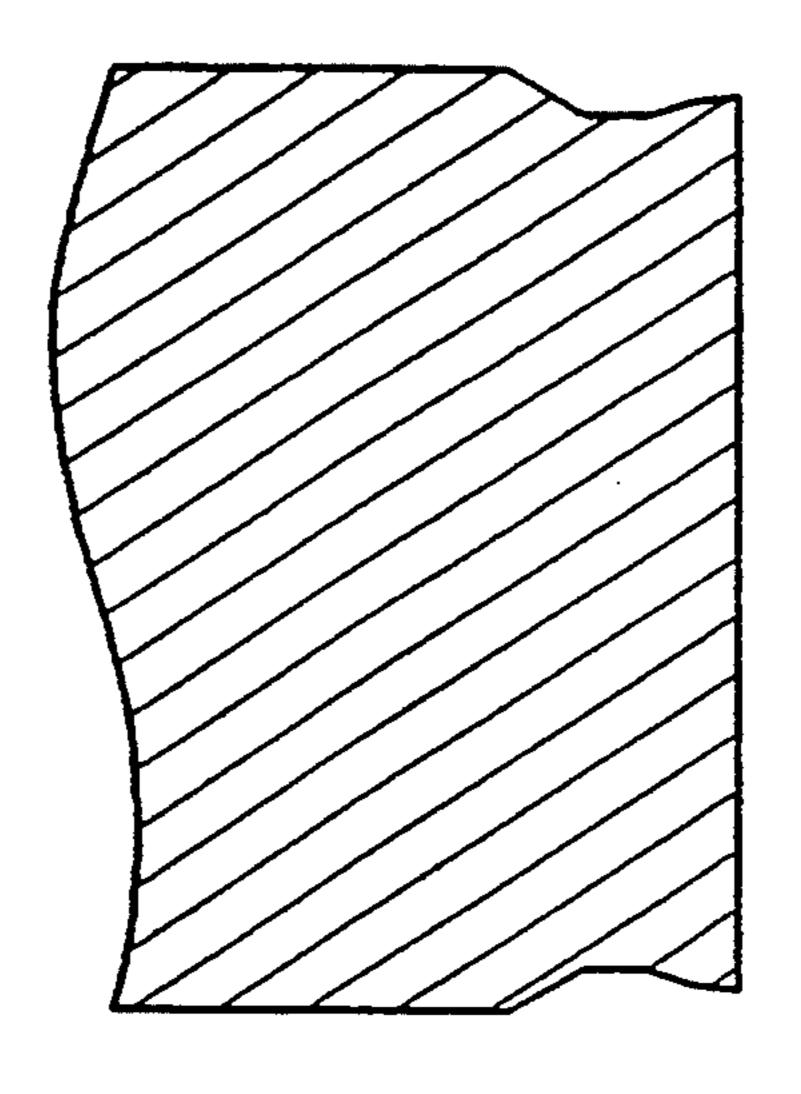


FIG. 36

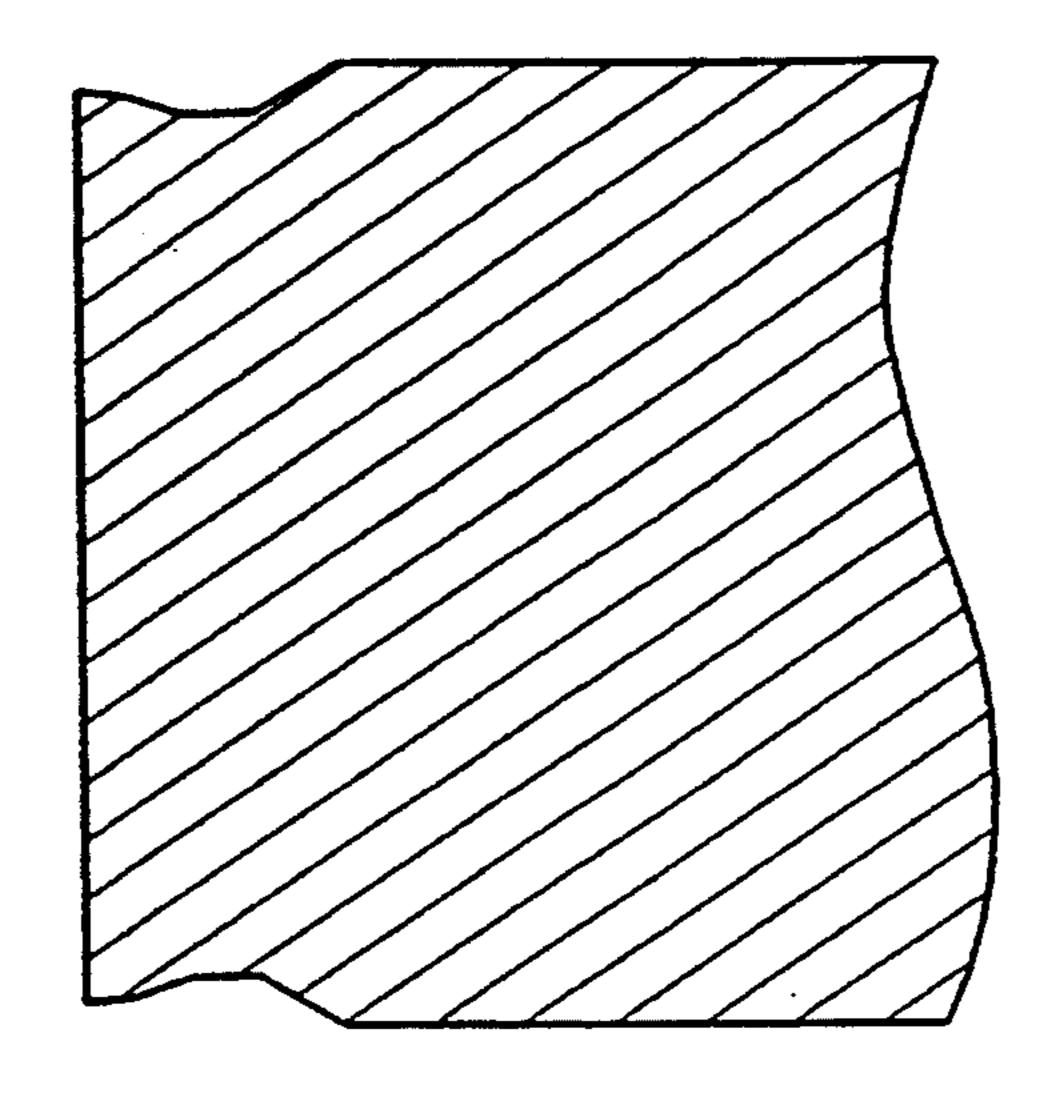


FIG. 37

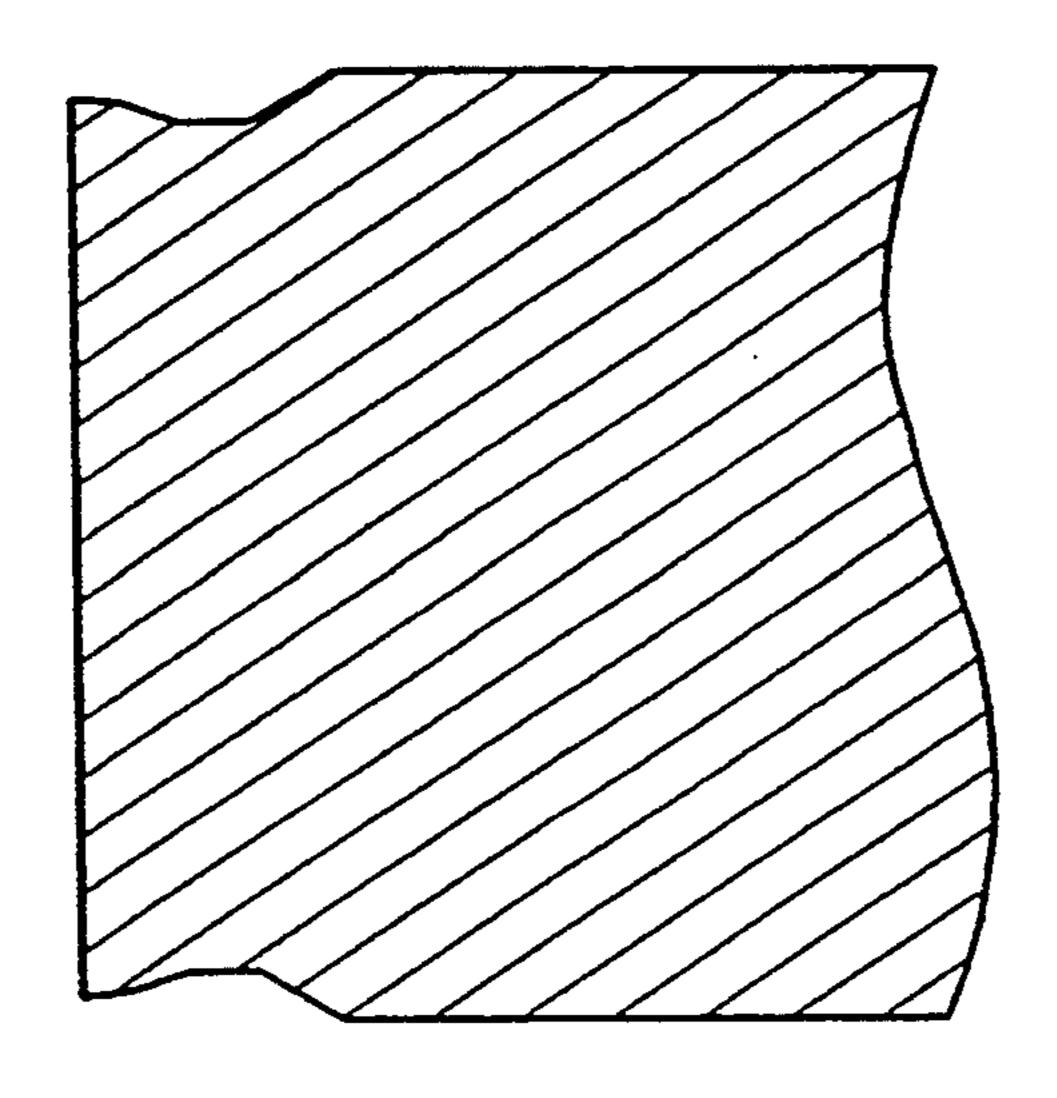


FIG. 38