

[54] **CUTTING TOOL INSERT**

[75] **Inventor: Kenneth L. Niebauer, Raleigh, N.C.**

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

[*] **Notice:** The portion of the term of this patent subsequent to Dec. 5, 2003 has been disclaimed.

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

[21] **Appl. No.: 147,379**

[22] **Filed: Jan. 22, 1988**

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

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

[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	Petterson 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

FOREIGN PATENT DOCUMENTS

0046511	2/1982	European Pat. Off.	407/114
2252350	5/1973	Fed. Rep. of Germany	407/114
52-35383	3/1977	Japan	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.

Primary Examiner—Bruce W. Dunkins

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;

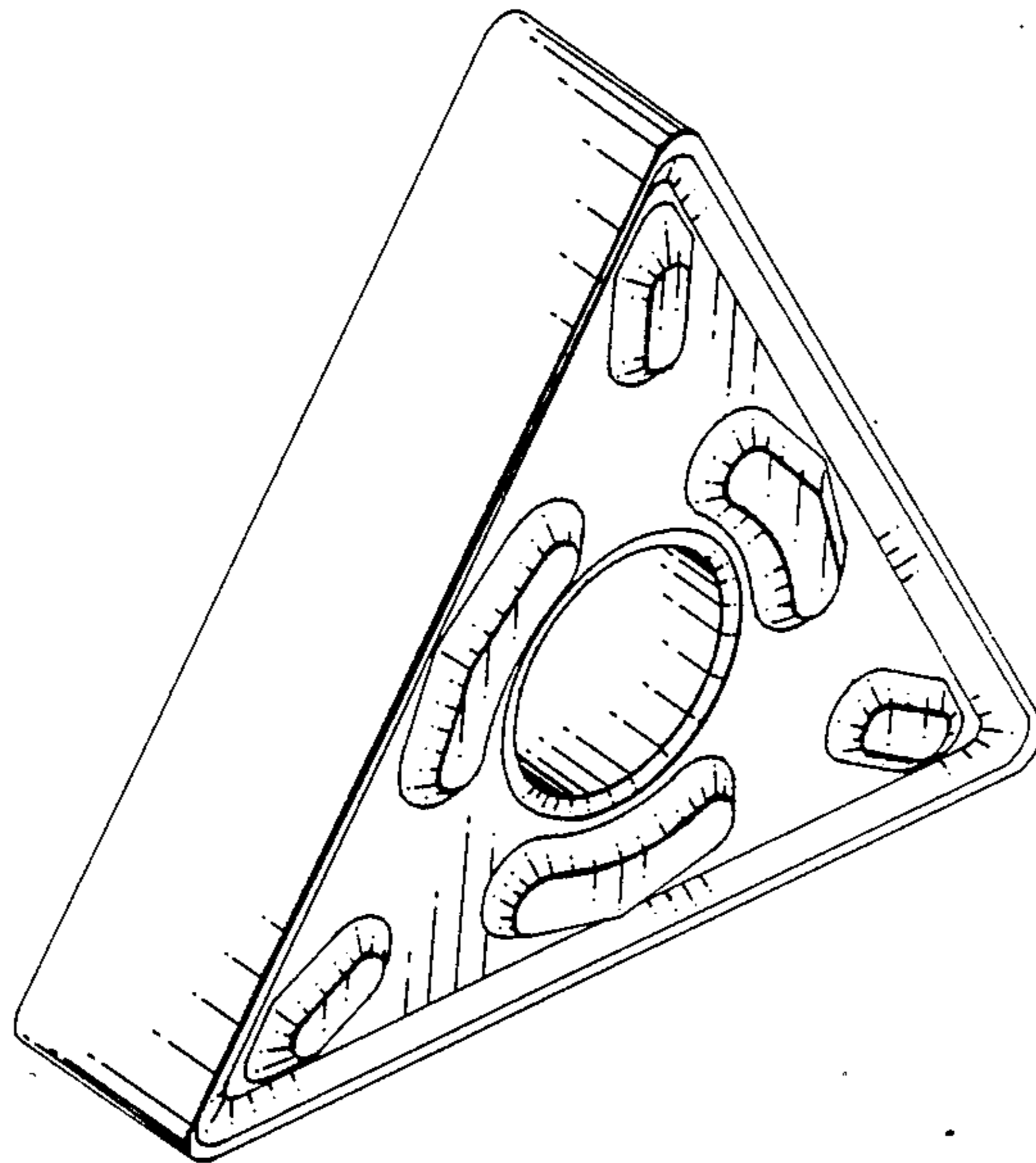
FIG. 2 is a top plan view;

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

FIG. 4 is a bottom plan view; and,

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

The undisclosed rear surface is the same in appearance as the sides shown.



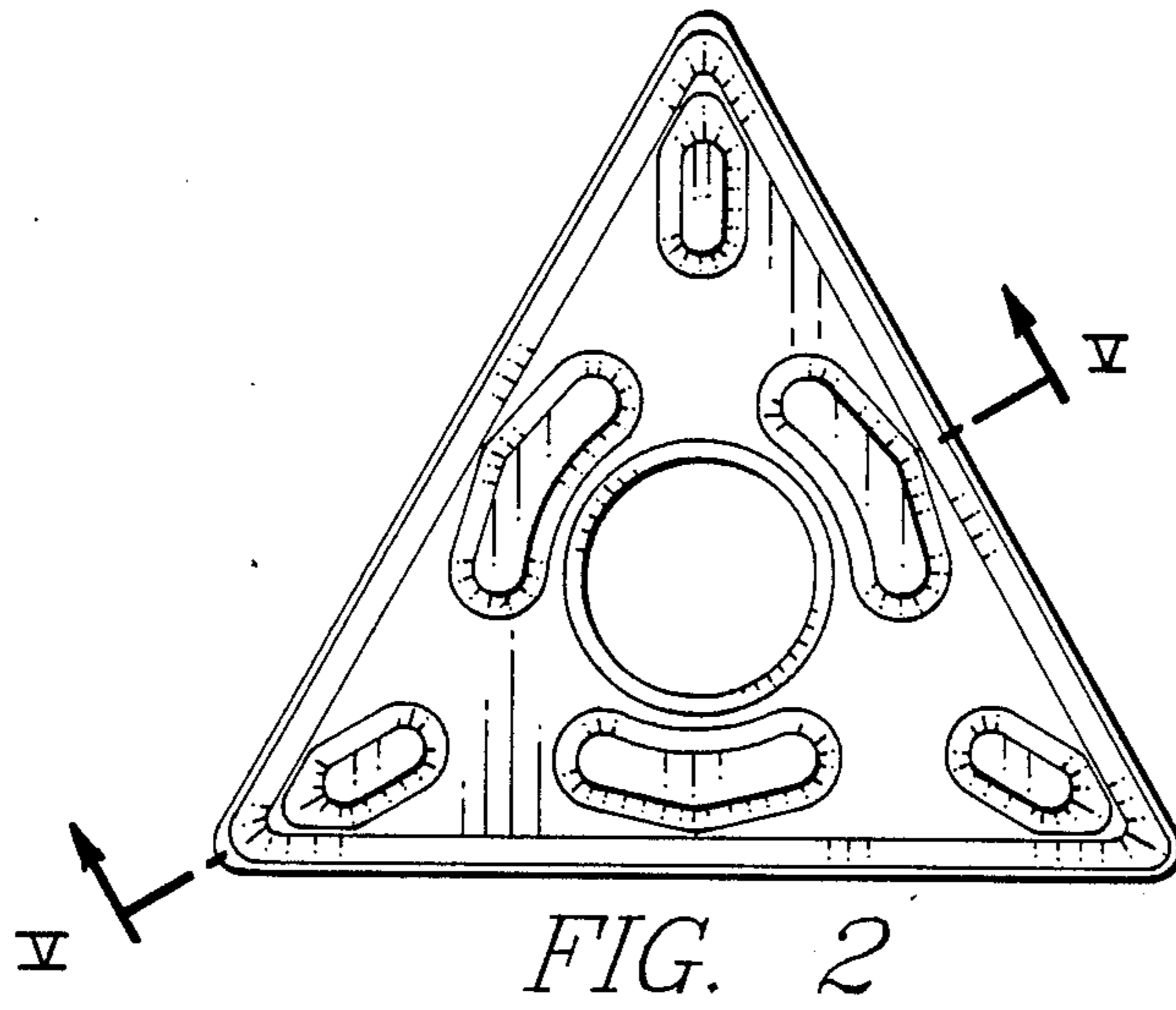
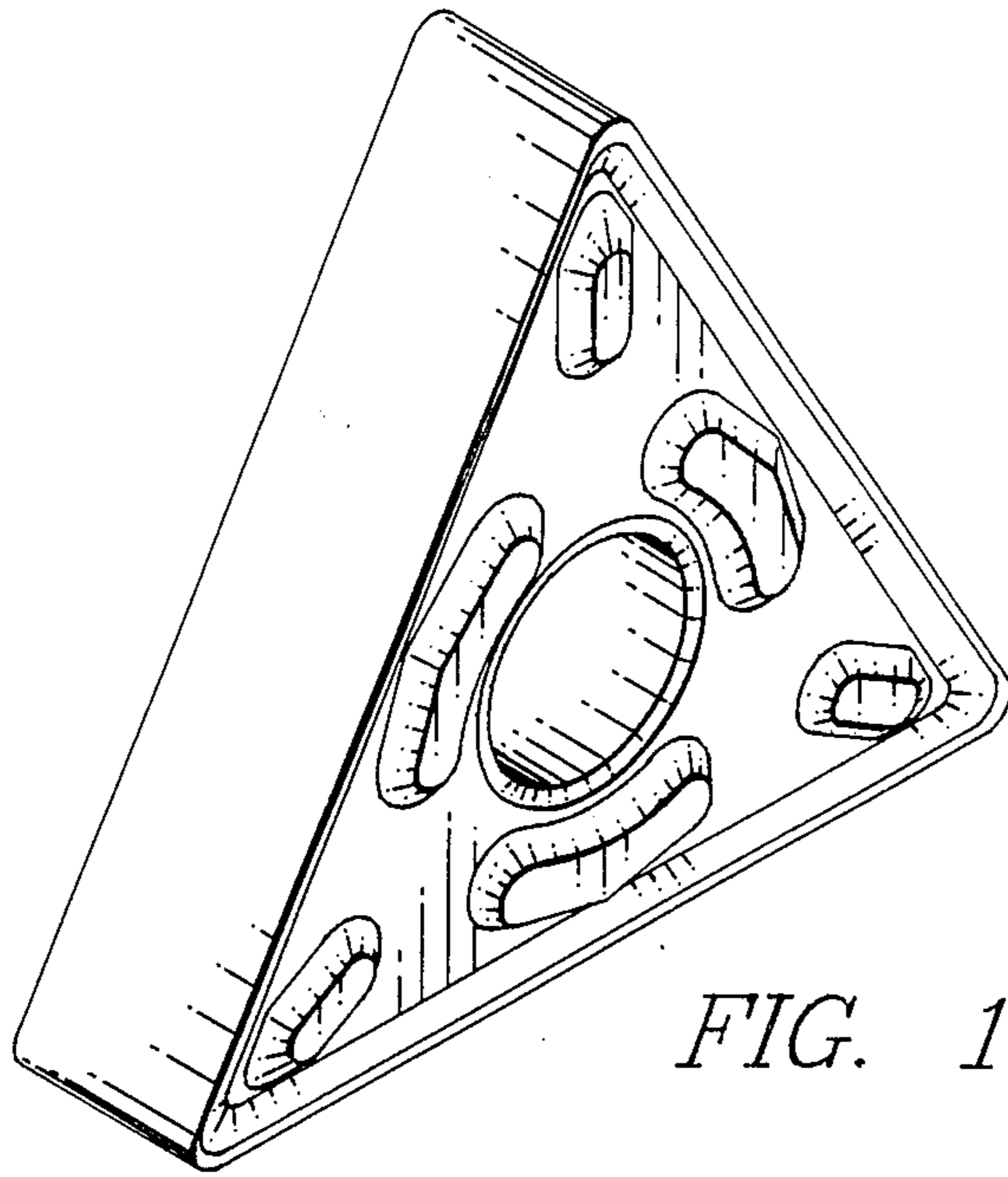




FIG. 3

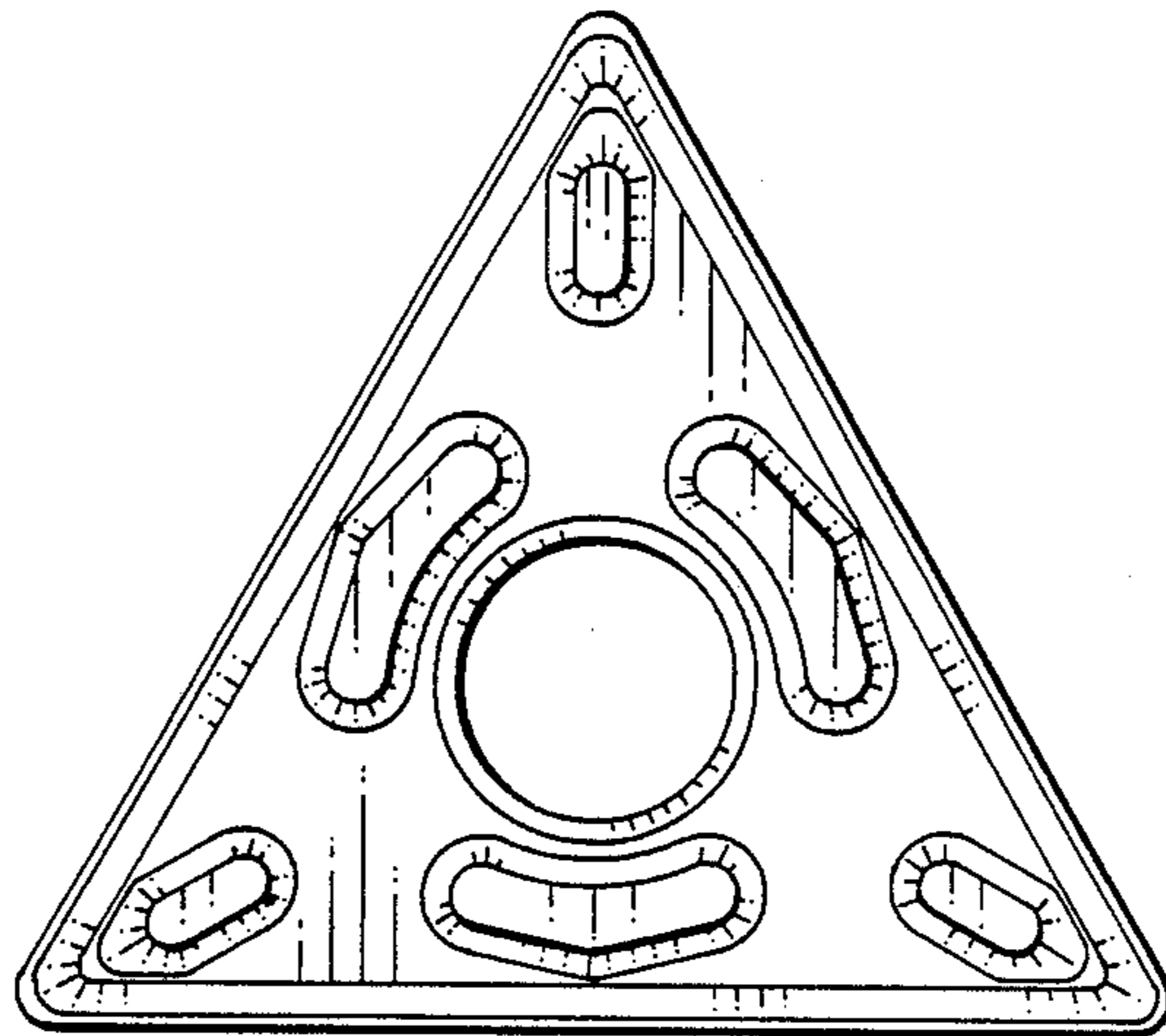


FIG. 4

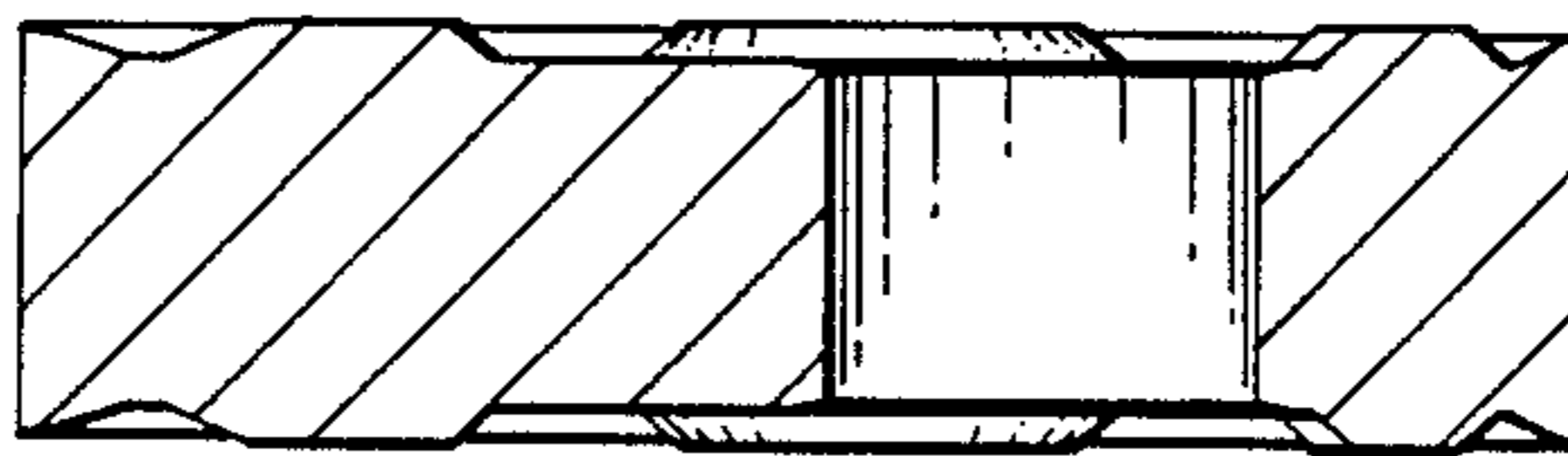


FIG. 5