



US00D359969S

United States Patent [19]

[11] Patent Number: Des. 359,969

Gray

[45] Date of Patent: \*\* Jul. 4, 1995

[54] CUTTING TOOL INSERT

DESCRIPTION

[75] Inventor: Christian B. Gray, Cary, N.C.

FIG. 1 is a top and left side perspective view of a cutting tool insert according to the first embodiment of the invention;

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

FIG. 2 is a top plan view of the cutting tool insert in FIG. 1;

[\*\*] Term: 14 Years

FIG. 3 is an elevational view, taken from the right side of FIG. 2, the opposite side being a mirror image;

[21] Appl. No.: 24,578

FIG. 4 is a bottom plan view of the cutting tool insert in FIG. 1;

[22] Filed: Jun. 15, 1994

FIG. 5 is a cross-sectional view taken along line V—V in FIG. 2;

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

FIG. 6 is a cross-sectional view taken along line VI—VI in FIG. 2;

[58] Field of Search ..... D15/138, 139; 407/114—119

[56] References Cited

U.S. PATENT DOCUMENTS

- D. 307,149 4/1990 Niebauer ..... D15/139
- D. 347,012 5/1994 Huston et al. .... D15/139
- D. 352,511 11/1994 Niebauer et al. .... D15/139
- 5,147,159 9/1992 Lowe et al. .... 407/116 X
- 5,222,843 6/1993 Katbi et al. .... 407/116 X
- 5,350,258 9/1994 Beeghly et al. .... 407/116 X

FIG. 7 is a top and left side perspective view of a cutting tool insert according to the second embodiment of the invention;

FIG. 8 is a top plan view of a the cutting tool insert in FIG. 7;

FIG. 9 is an elevational view, taken from the right side of FIG. 8, the opposite side being a mirror image;

FIG. 10 is a bottom plan view of the cutting tool insert in FIG. 7;

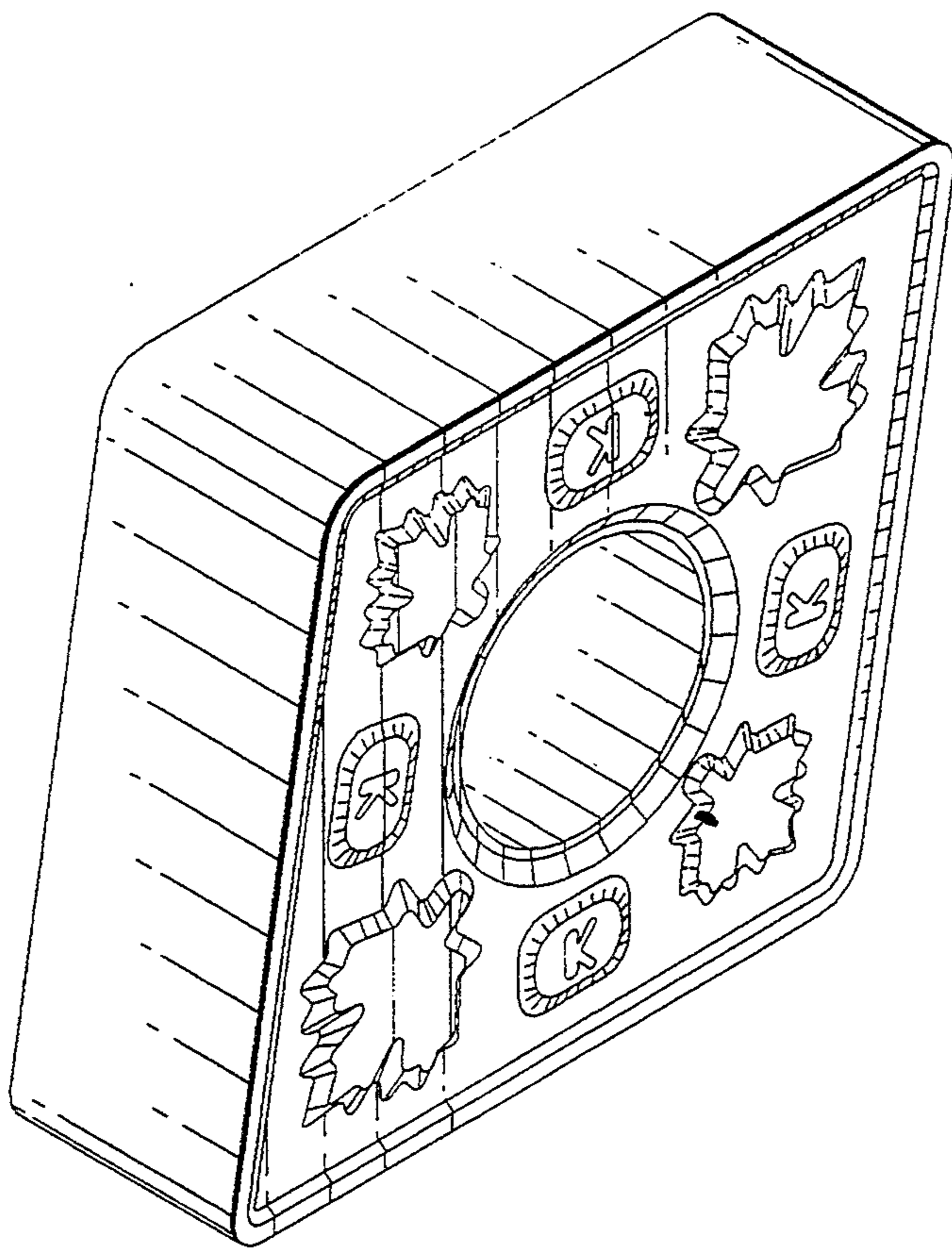
FIG. 11 is a cross-sectional view taken along line XI—XI in FIG. 8; and,

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

Primary Examiner—Antoine Duval Davis  
Attorney, Agent, or Firm—James G. Porcelli

[57] CLAIM

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



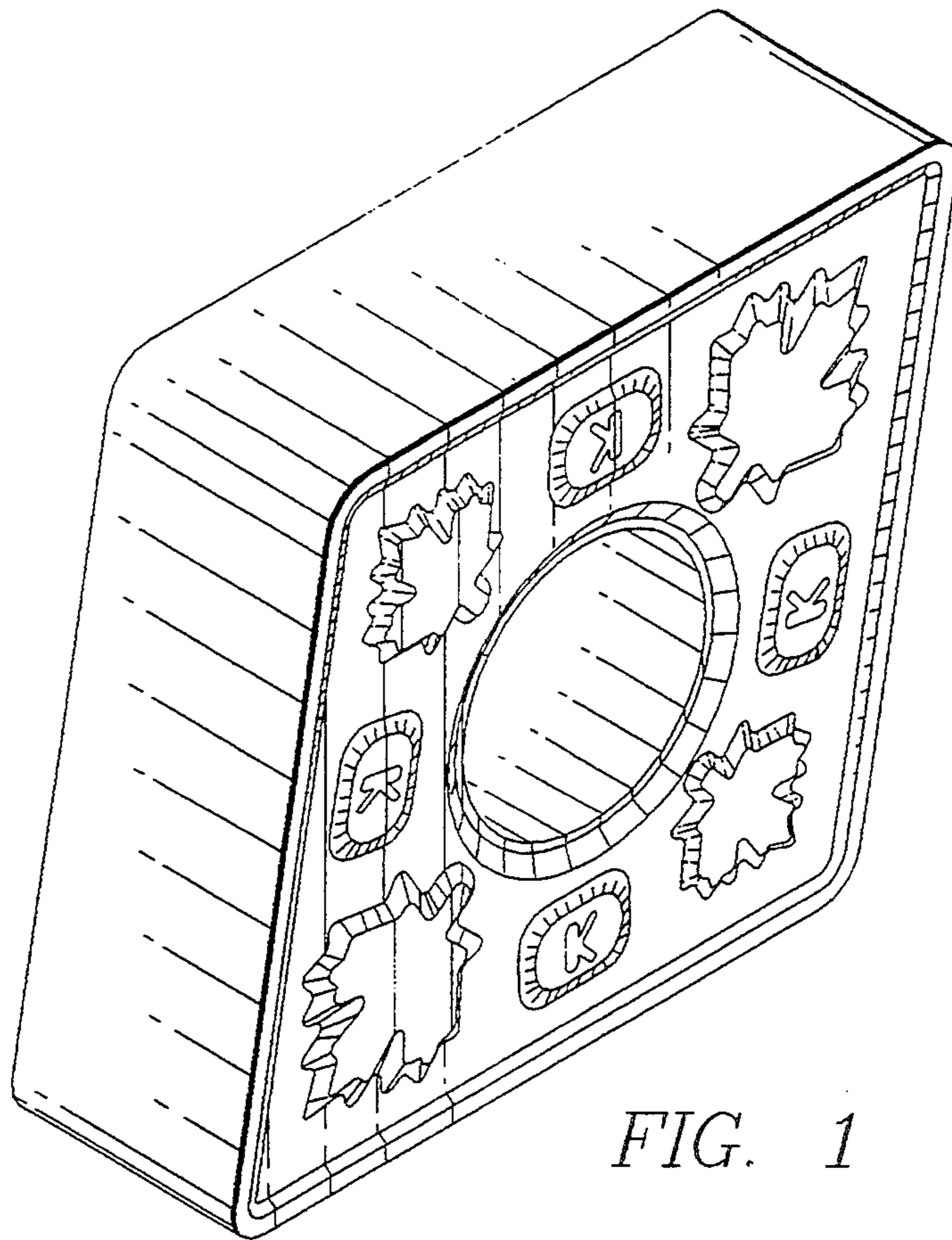


FIG. 1

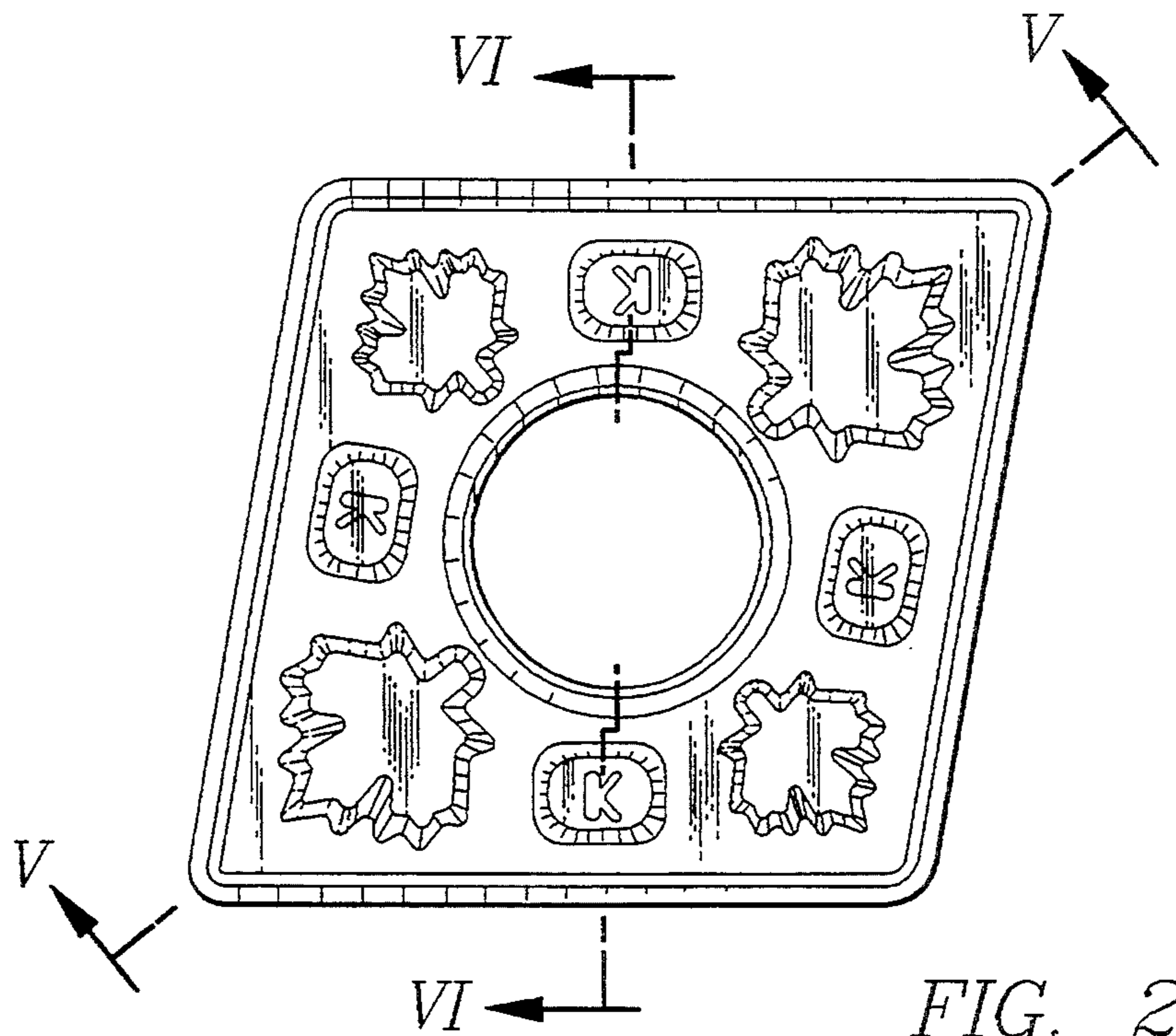


FIG. 2

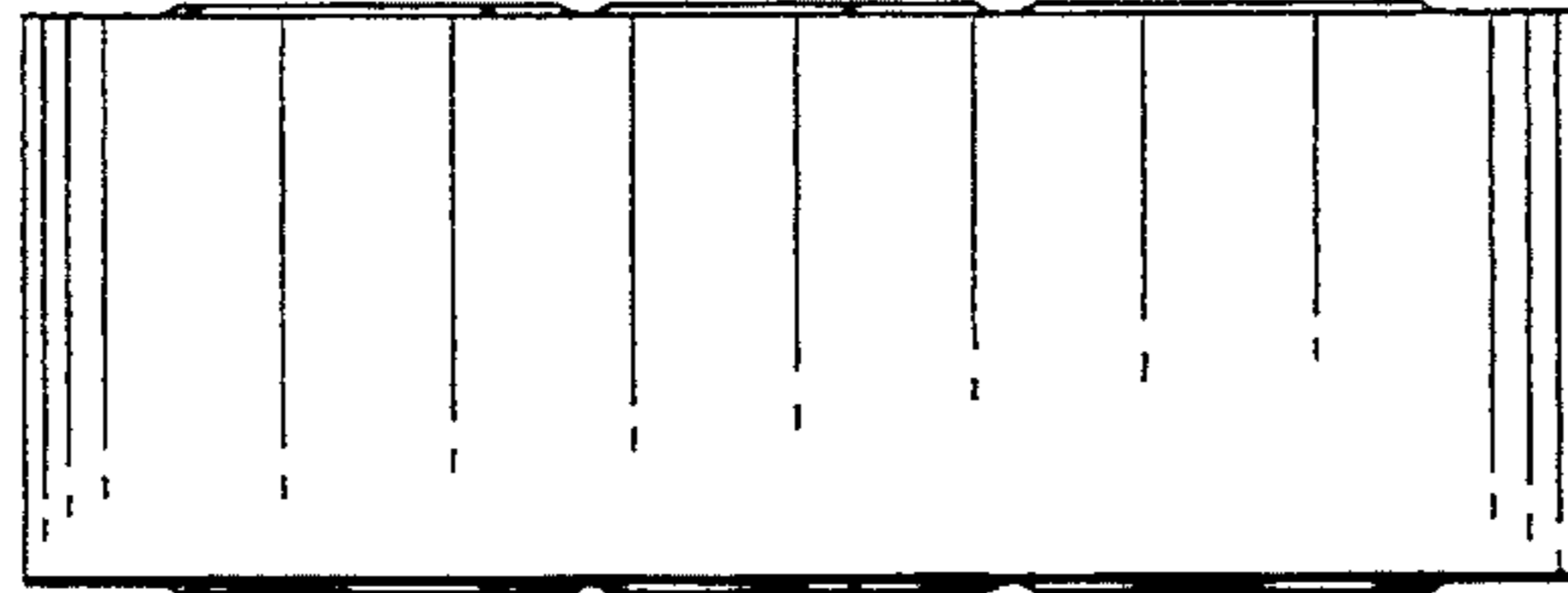


FIG. 3

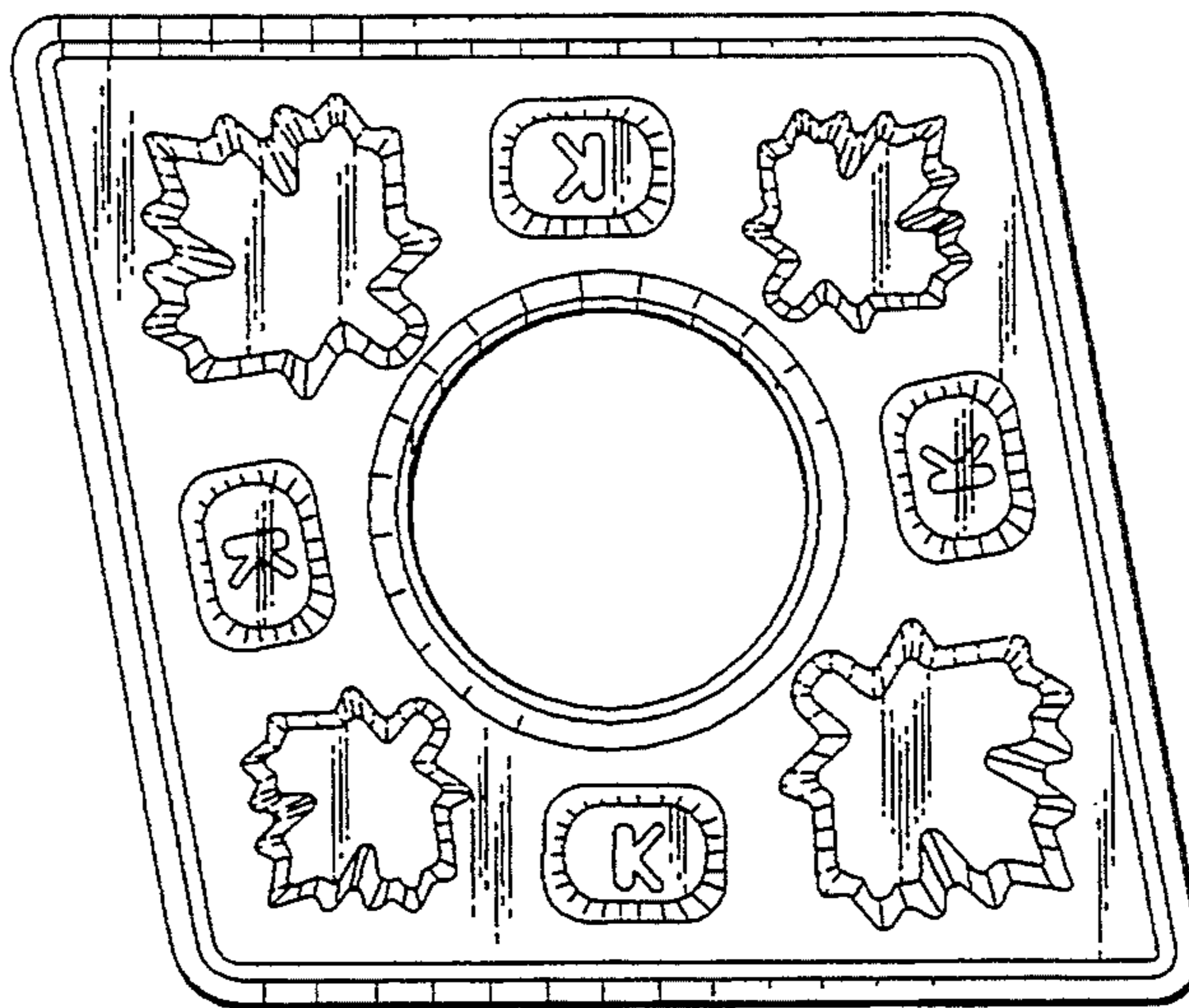


FIG. 4

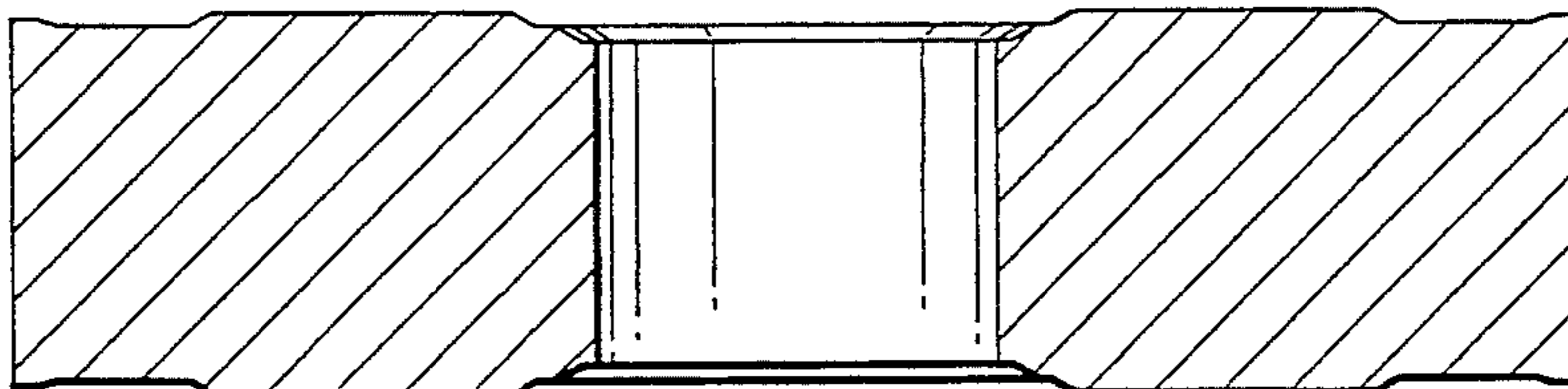


FIG. 5

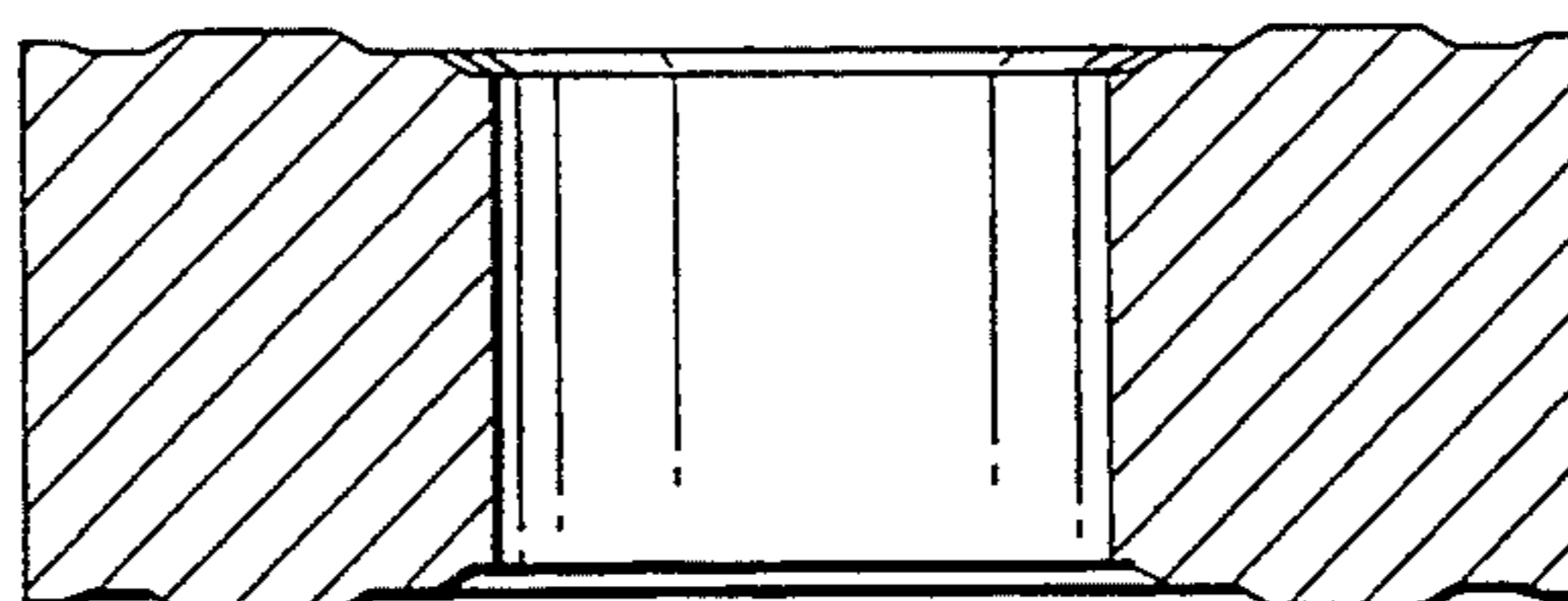
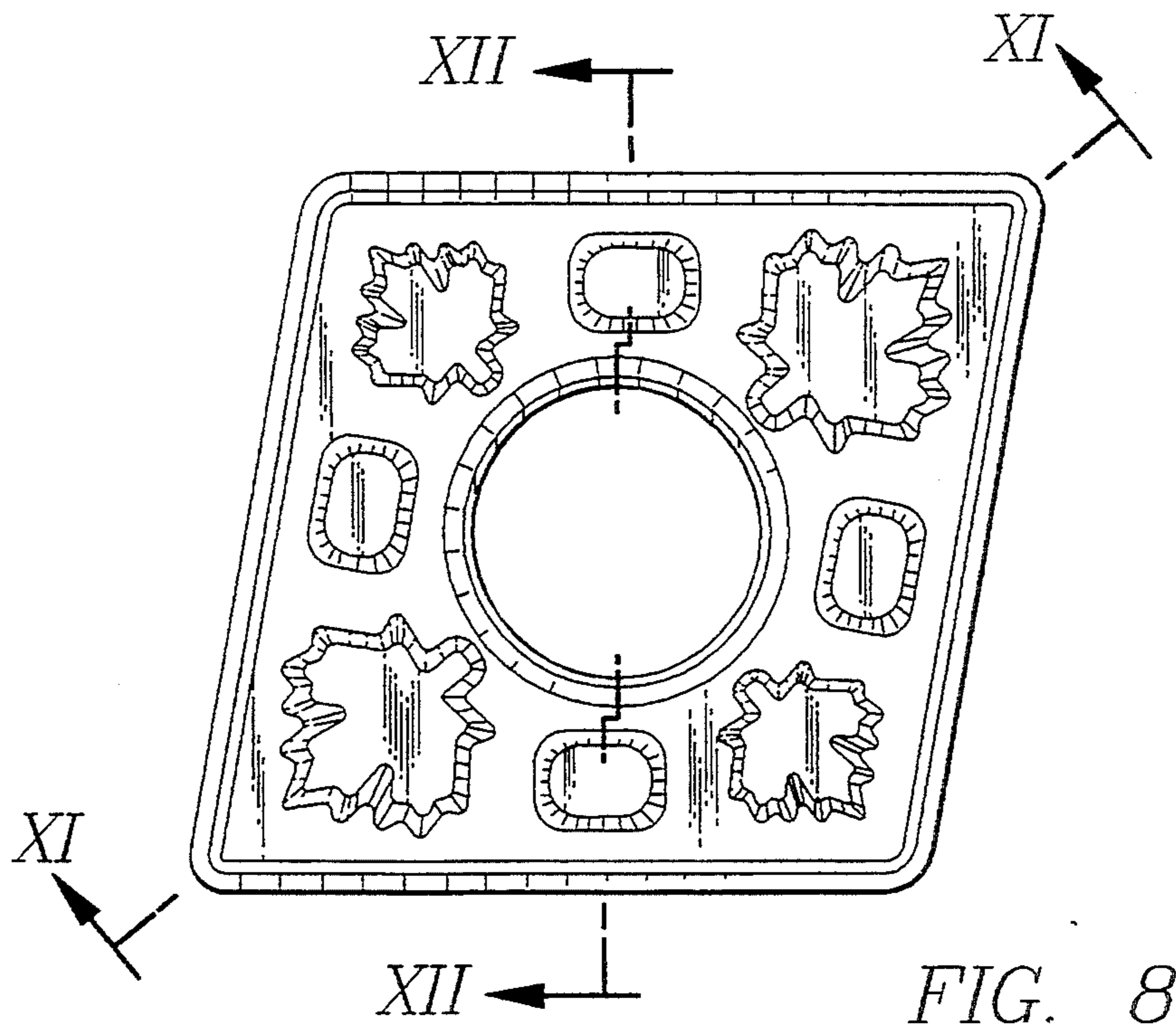
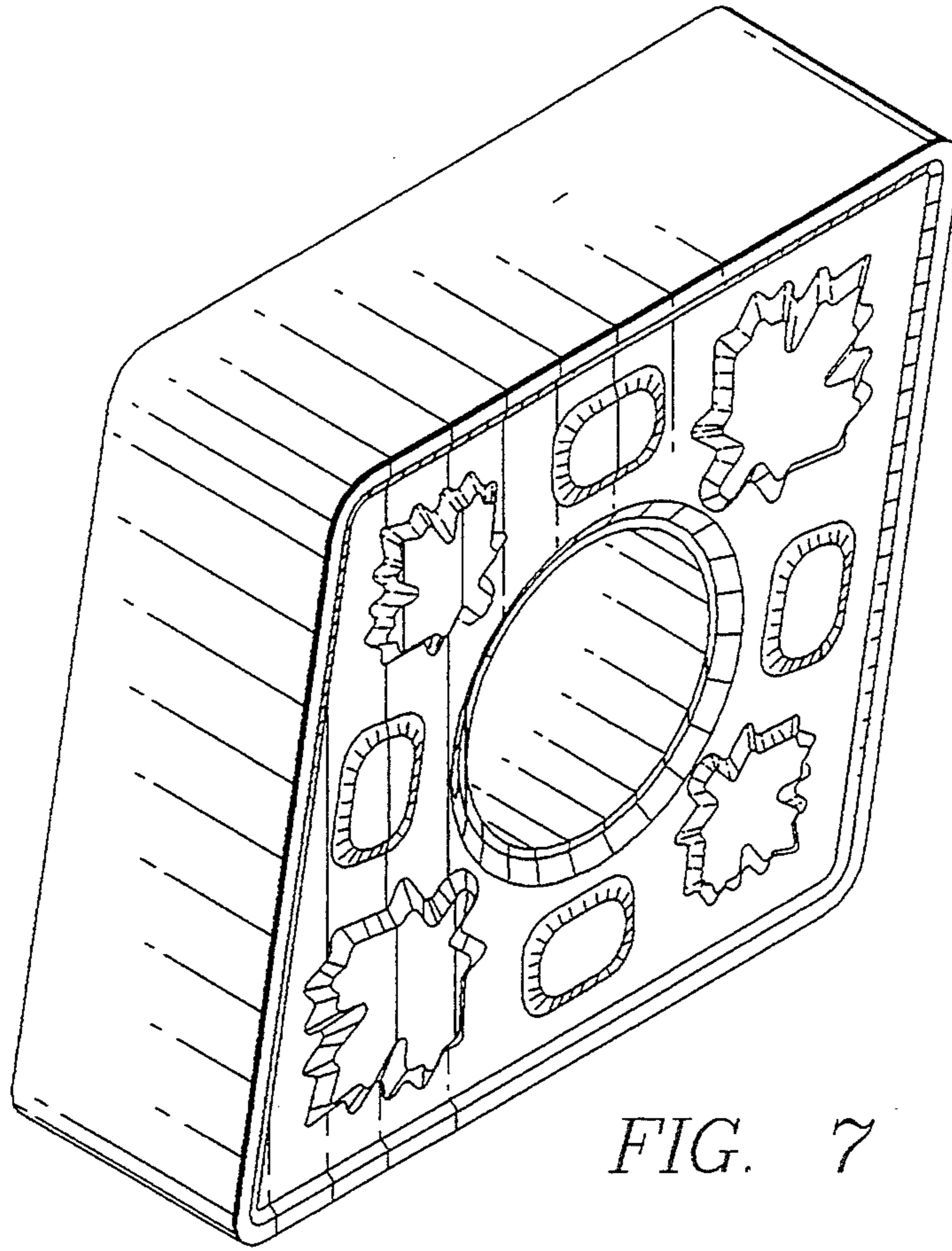


FIG. 6



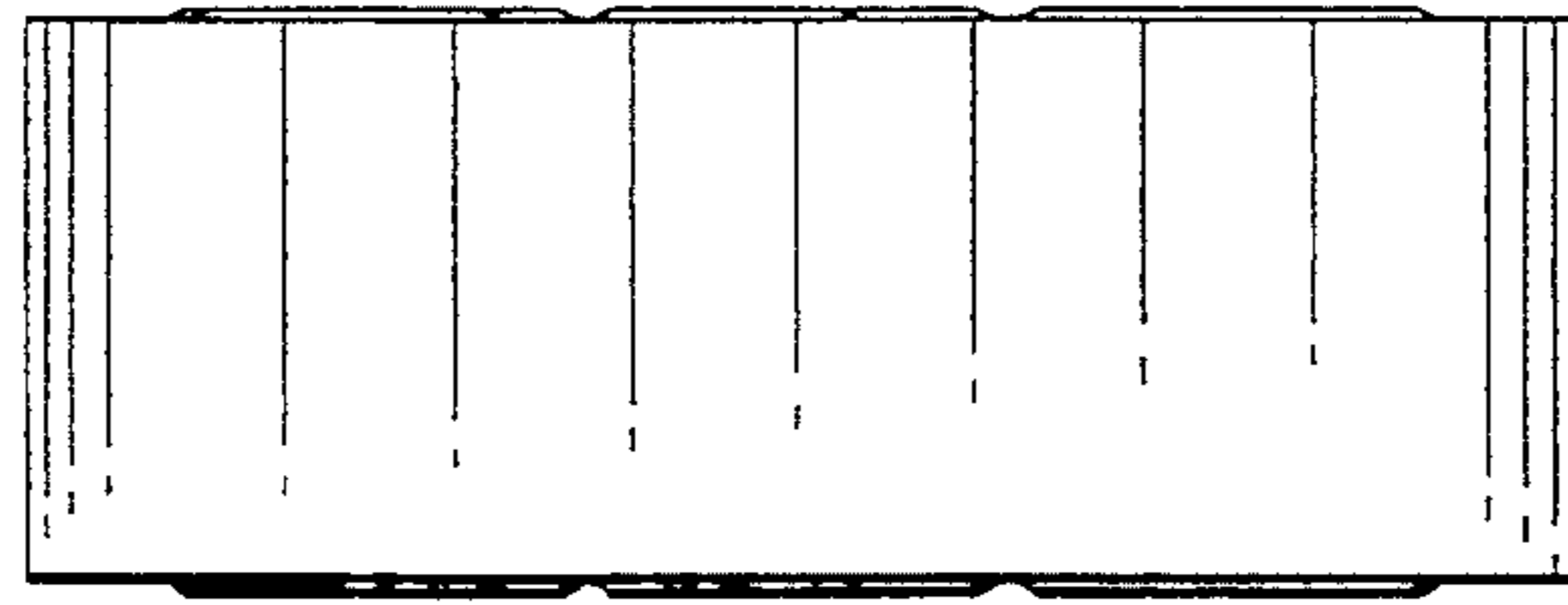


FIG. 9

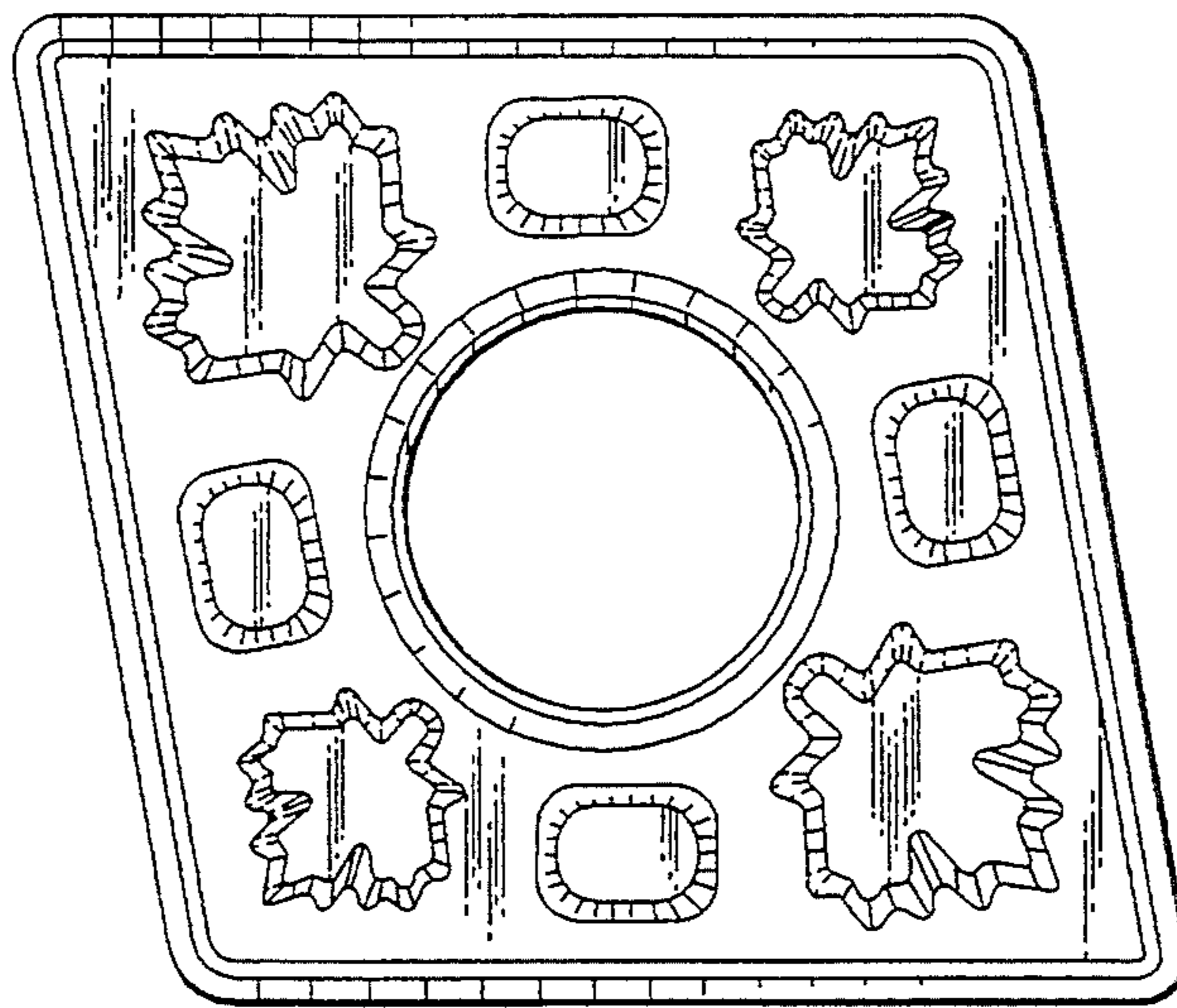


FIG. 10

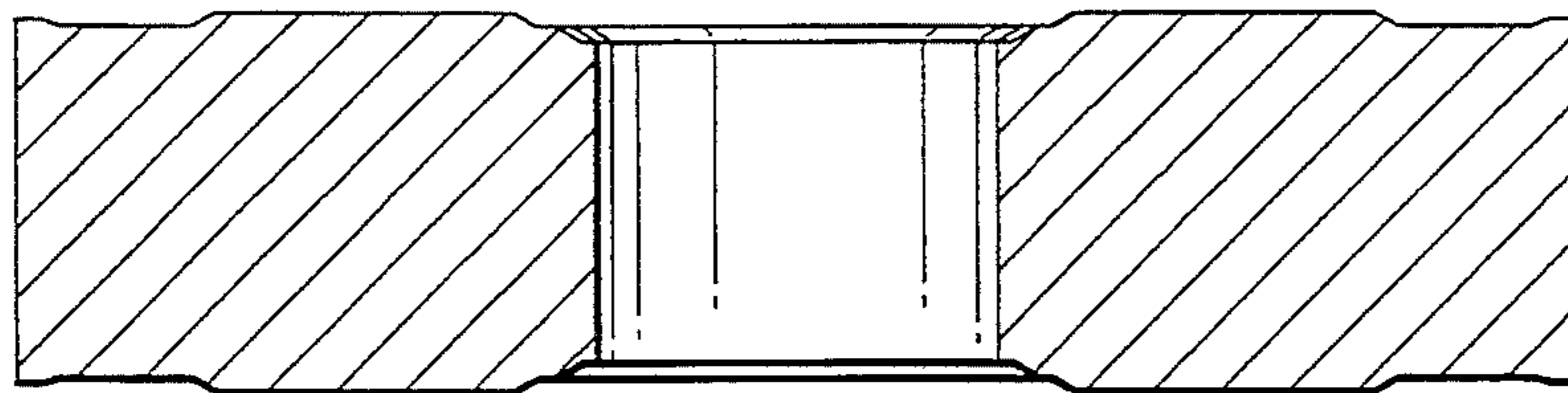


FIG. 11

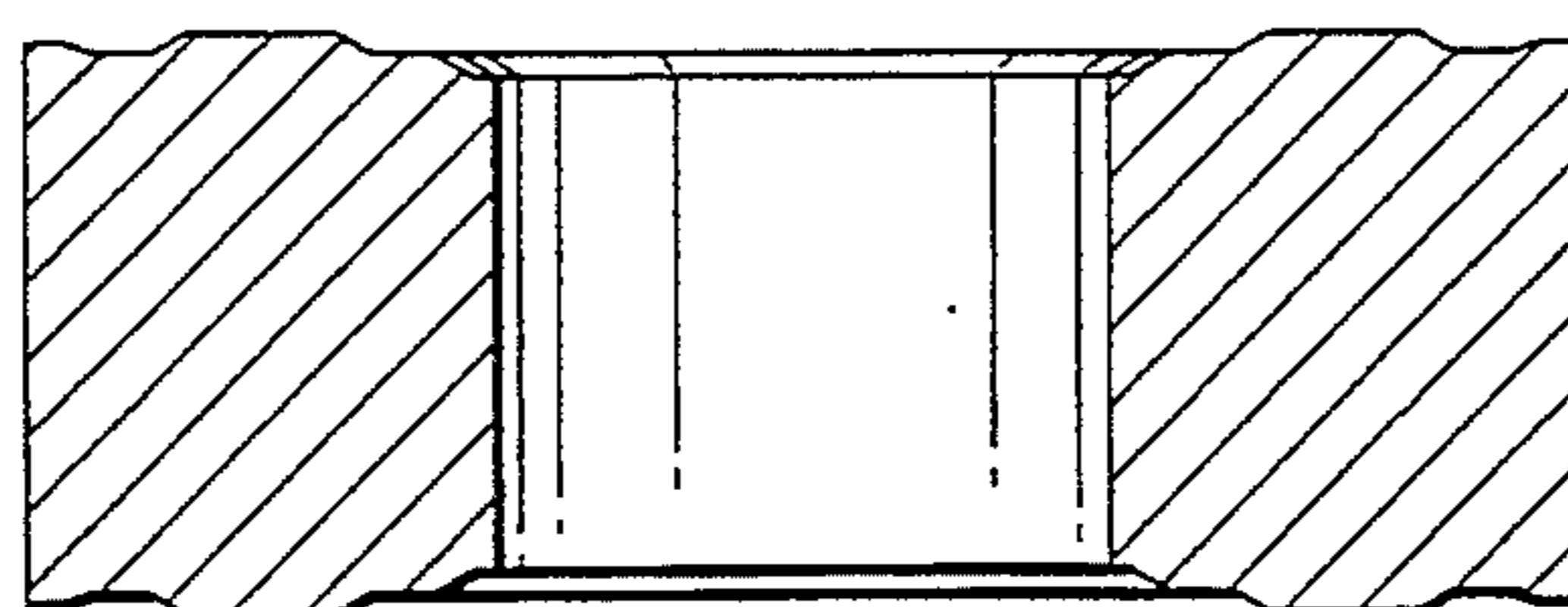


FIG. 12