

US00D862543S

(12) **United States Design Patent** (10) **Patent No.:** **US D862,543 S**
Maeda (45) **Date of Patent:** **** Oct. 8, 2019**

(54) **THROW-AWAY TIP FOR CUTTING TOOL**

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(71) Applicant: **SUMITOMO ELECTRIC SINTERED ALLOY, LTD.**,
Takahashi-shi (JP)

Notice in Japanese Design Application No. 2015-024129, dated May 9, 2016.

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(72) Inventor: **Kazuo Maeda**, Takahashi (JP)

Primary Examiner — Patricia A Palasik

(73) Assignee: **Sumitomo Electric Sintered Alloy, Ltd.**, Takahashi-shi (JP)

(74) *Attorney, Agent, or Firm* — Baker Botts L.L.P.;
Michael A. Sartori

(**) Term: **15 Years**

(57) **CLAIM**

(21) Appl. No.: **29/664,539**

The ornamental design for a throw-away tip for cutting tool, as shown and described.

(22) Filed: **Sep. 26, 2018**

Related U.S. Application Data

DESCRIPTION

(62) Division of application No. 29/562,726, filed on Apr. 28, 2016, now Pat. No. Des. 842,909.

(30) **Foreign Application Priority Data**

Oct. 29, 2015 (JP) 2015-024129
Oct. 29, 2015 (JP) 2015-024130

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(51) **LOC (12) Cl.** **15-09**

(52) **U.S. Cl.**
USPC **D15/139**

(58) **Field of Classification Search**
USPC D8/20, 70; D15/126, 131, 138, 139, 140

(Continued)

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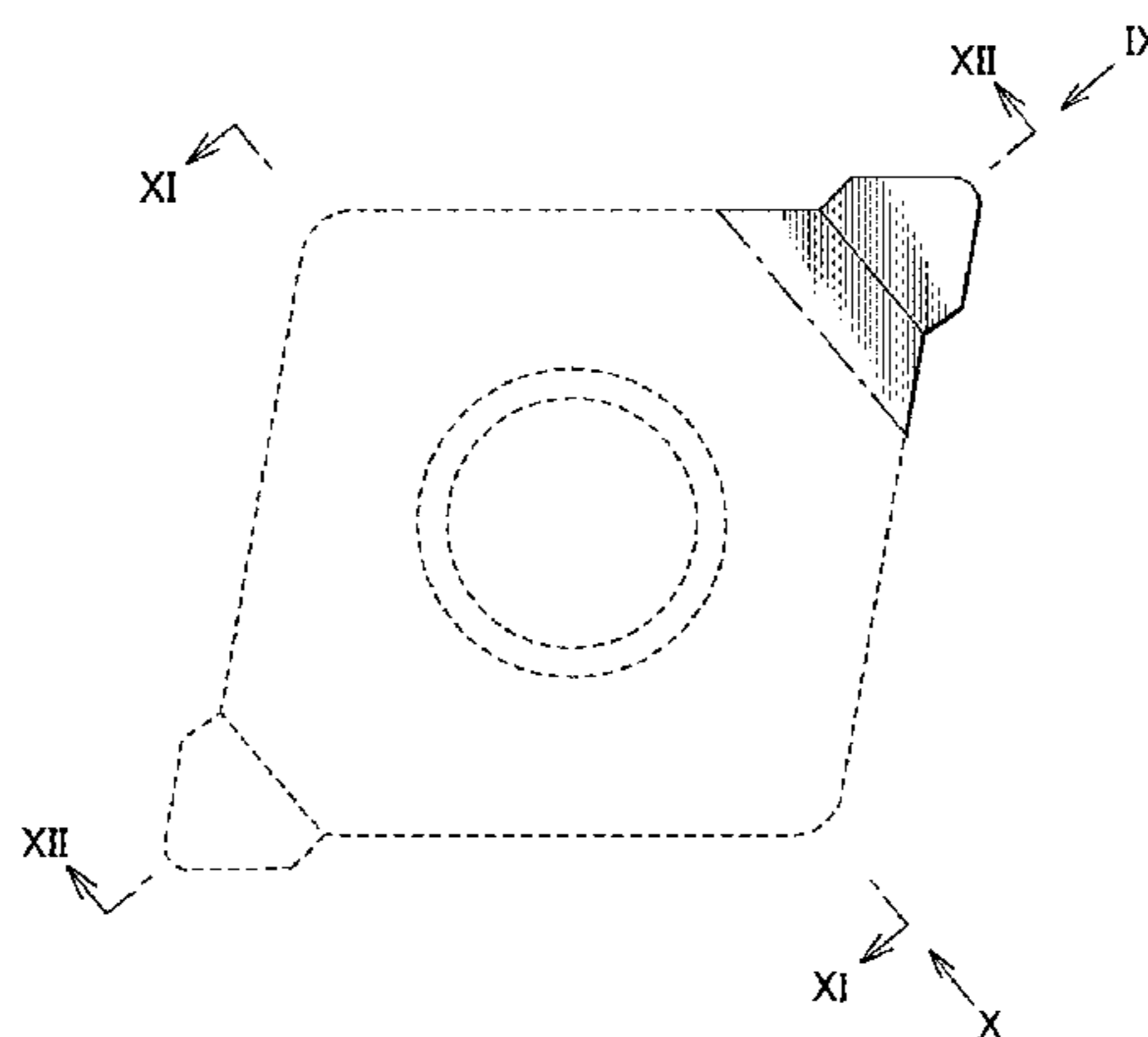
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FIG. 1 is a front view of an embodiment of a throw-away tip for cutting tool showing my new design;
 FIG. 2 is a rear view thereof;
 FIG. 3 is a top view thereof;
 FIG. 4 is a bottom view thereof;
 FIG. 5 is a right side view thereof;
 FIG. 6 is a left side view thereof;
 FIG. 7 is a first perspective view thereof;
 FIG. 8 is a second perspective view thereof;
 FIG. 9 is a first side view seen in the direction of arrow IX of FIG. 1;
 FIG. 10 is a second side view seen in the direction of arrow X of FIG. 1;
 FIG. 11 is a first cross sectional view taken along line XI-XI of FIG. 1;
 FIG. 12 is a second cross sectional view taken along line XII-XII of FIG. 1; and,
 FIG. 13 is a referential view showing the state in which a workpiece is machined with the throw-away tip for cutting tool according to the embodiment attached to a holder.
 The broken lines in the drawings depict portions of the throw-away tip for cutting tool and unclaimed environmental subject matter. The long dashed and short dashed lines shown in the drawings indicate only a boundary between the claimed portion and the unclaimed portion.

1 Claim, 7 Drawing Sheets



(30) **Foreign Application Priority Data**

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 Oct. 29, 2015 (JP) 2015-024136
 Oct. 29, 2015 (JP) 2015-024137
 Oct. 29, 2015 (JP) 2015-024138

(58) **Field of Classification Search**

CPC B23C 5/109; B23C 5/207
 See application file for complete search history.

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FIG.1

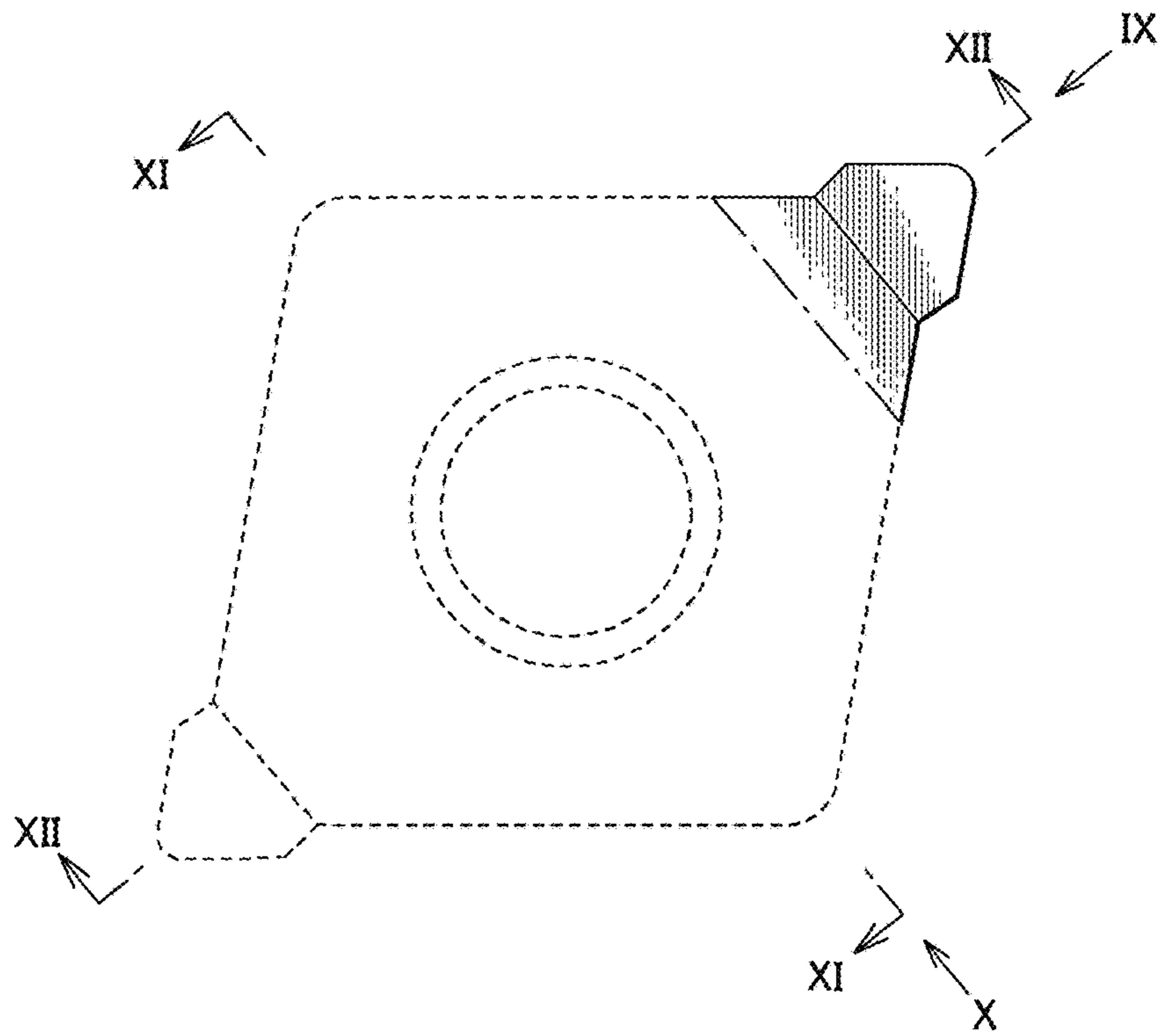


FIG.2

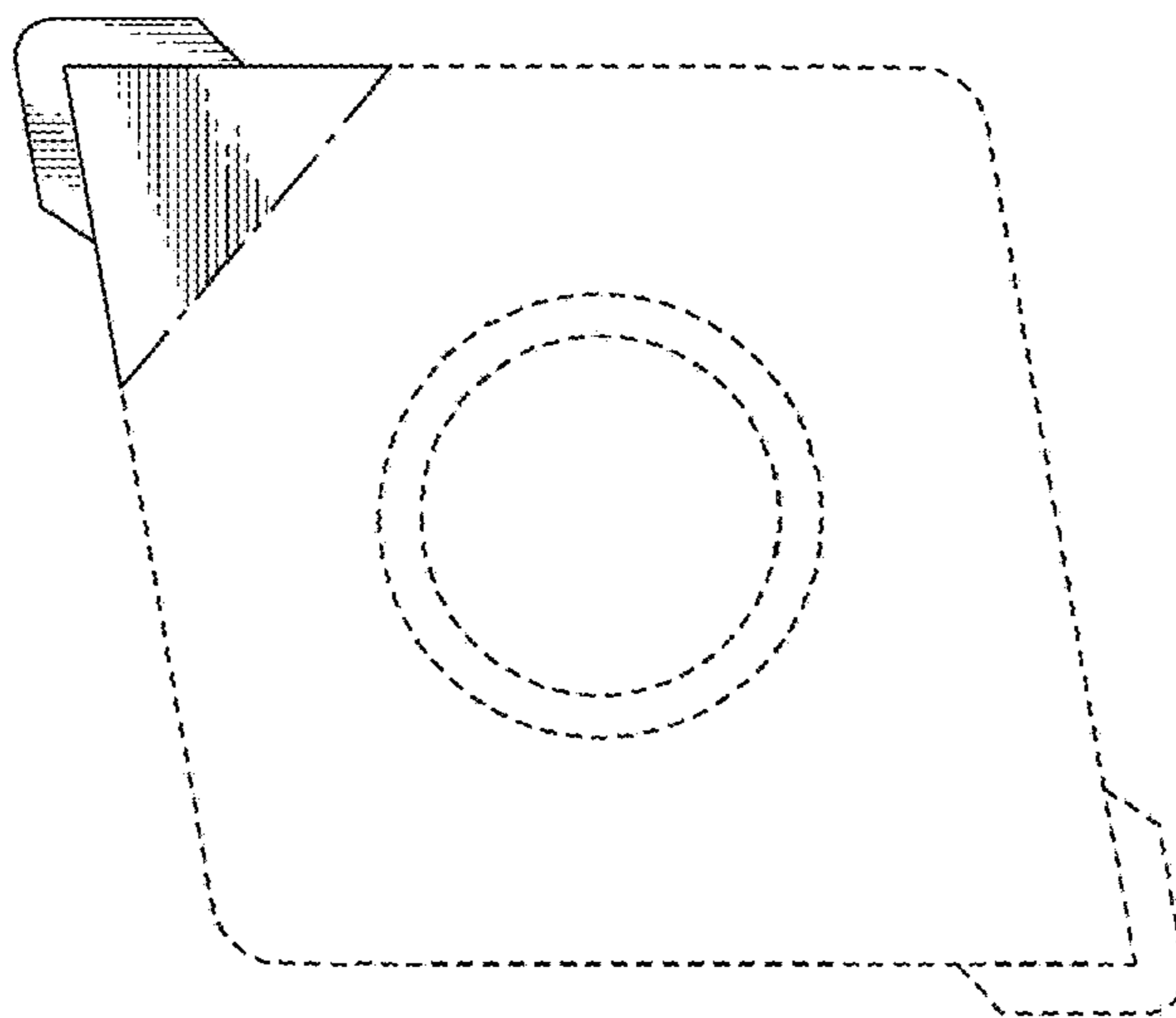


FIG.3

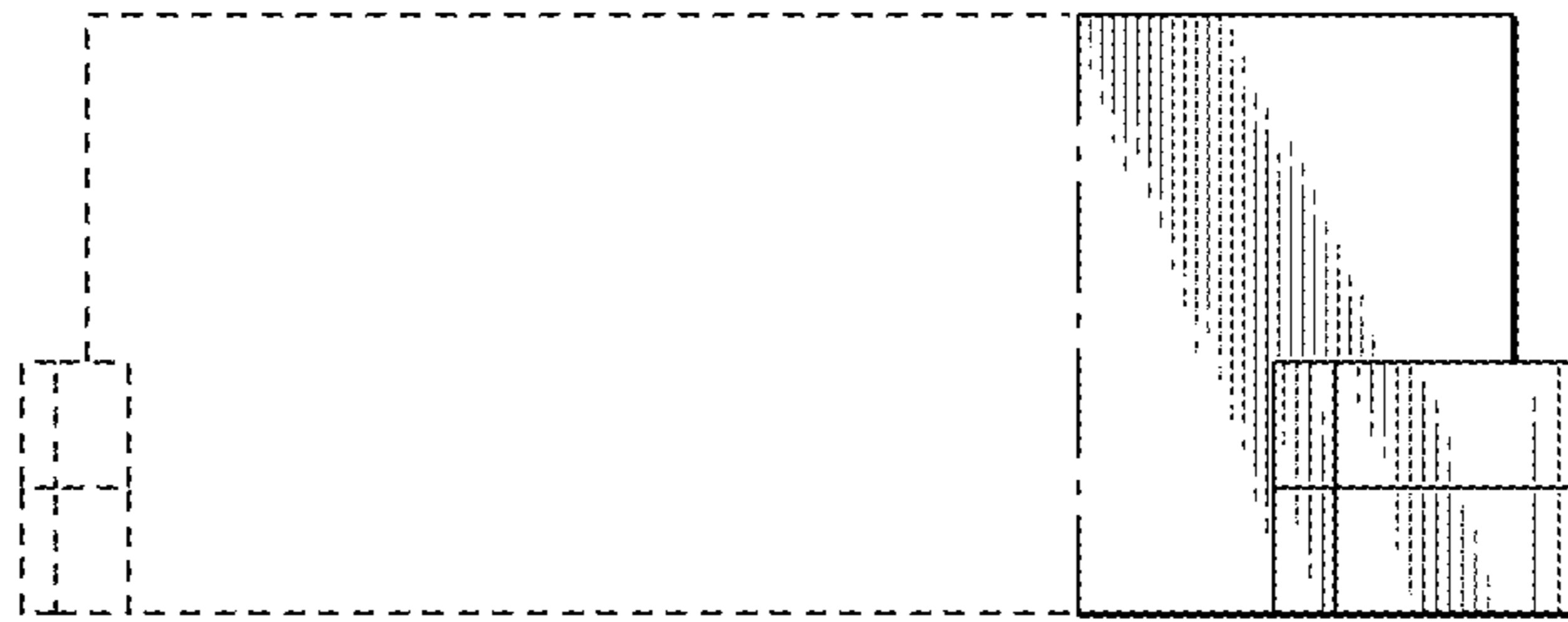


FIG.4



FIG.5



FIG.6

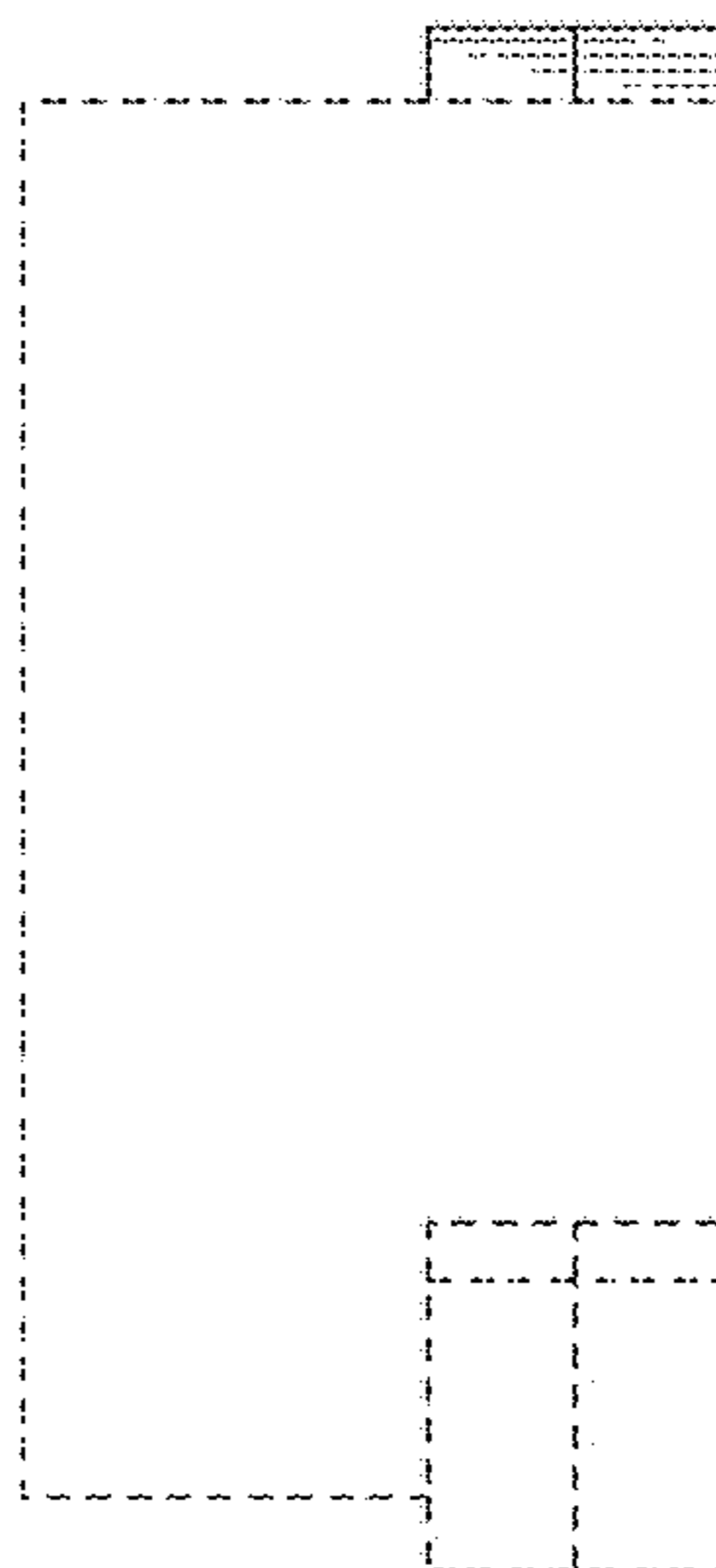


FIG.7

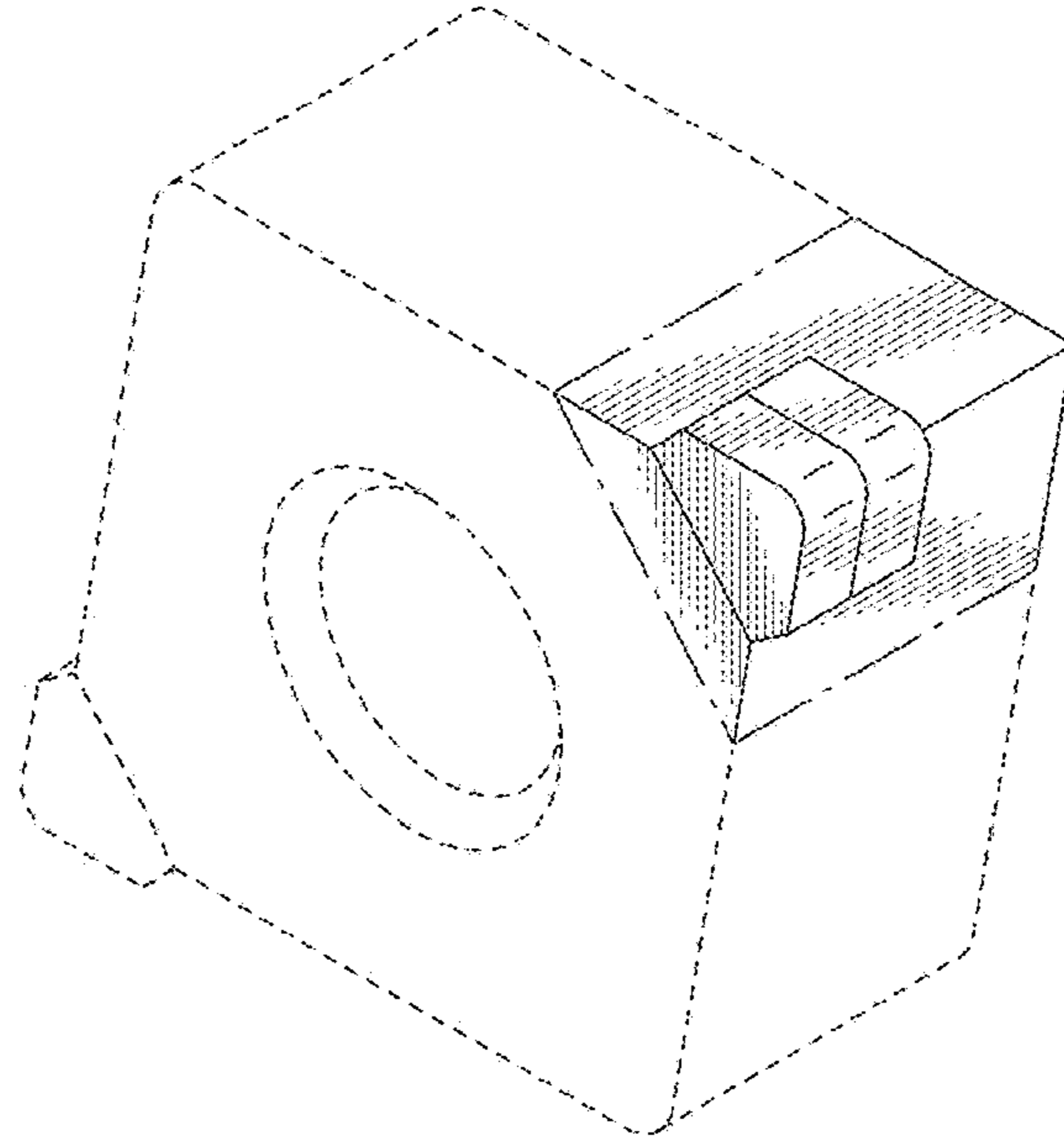


FIG.8

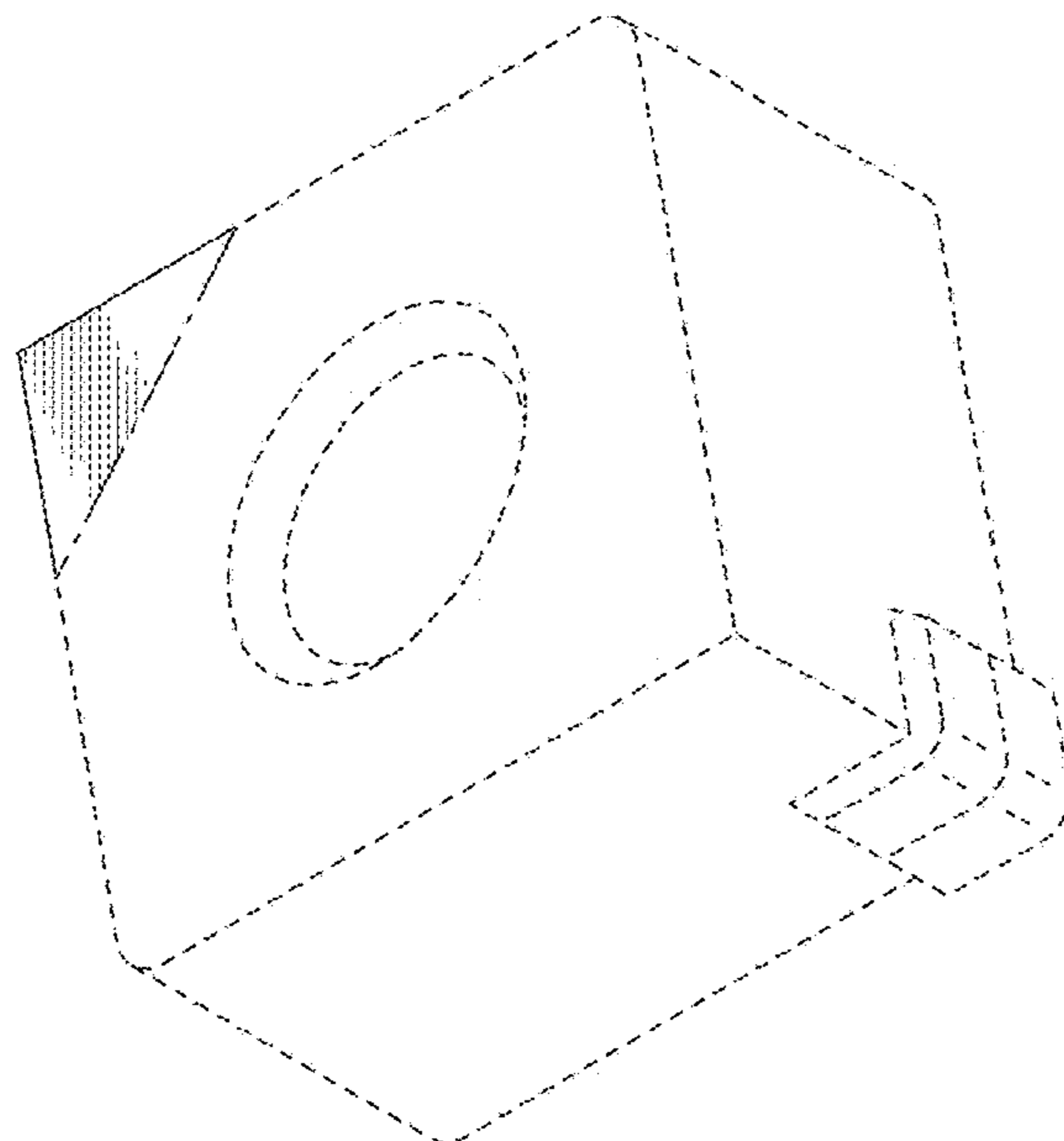


FIG.9

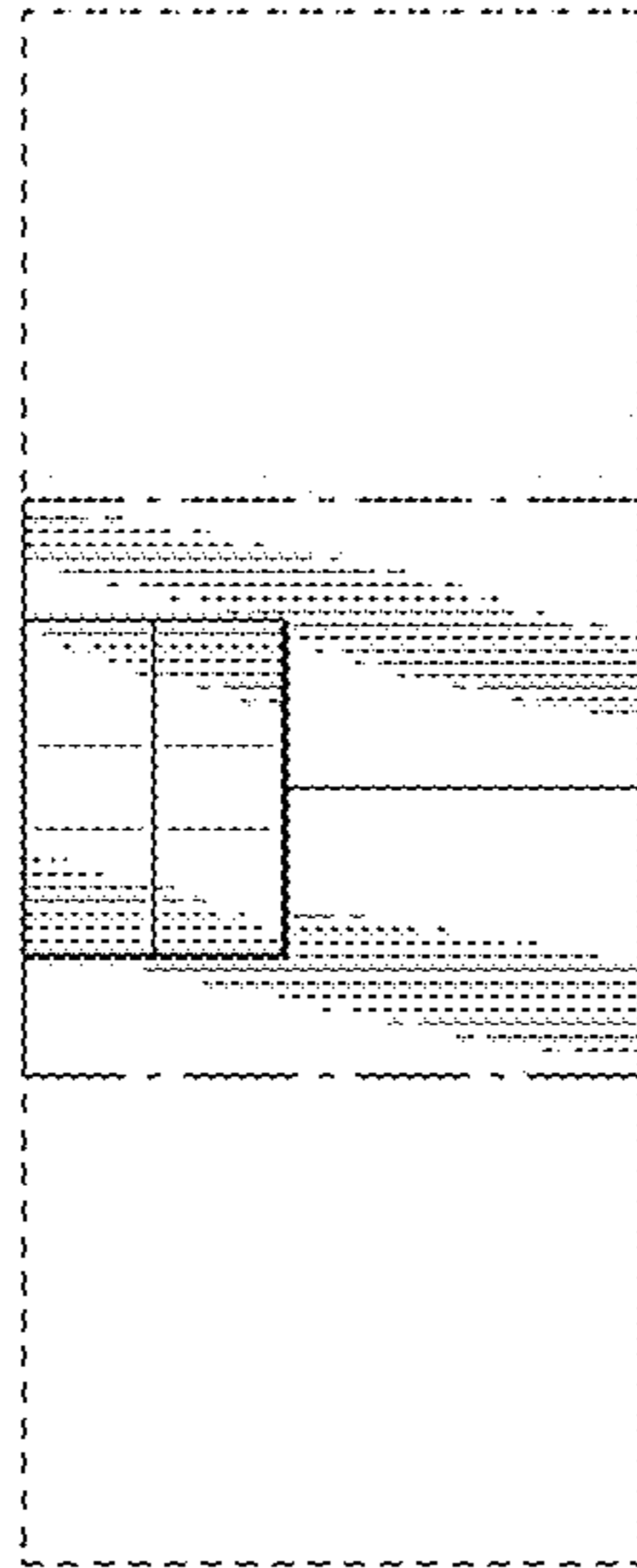


FIG.10

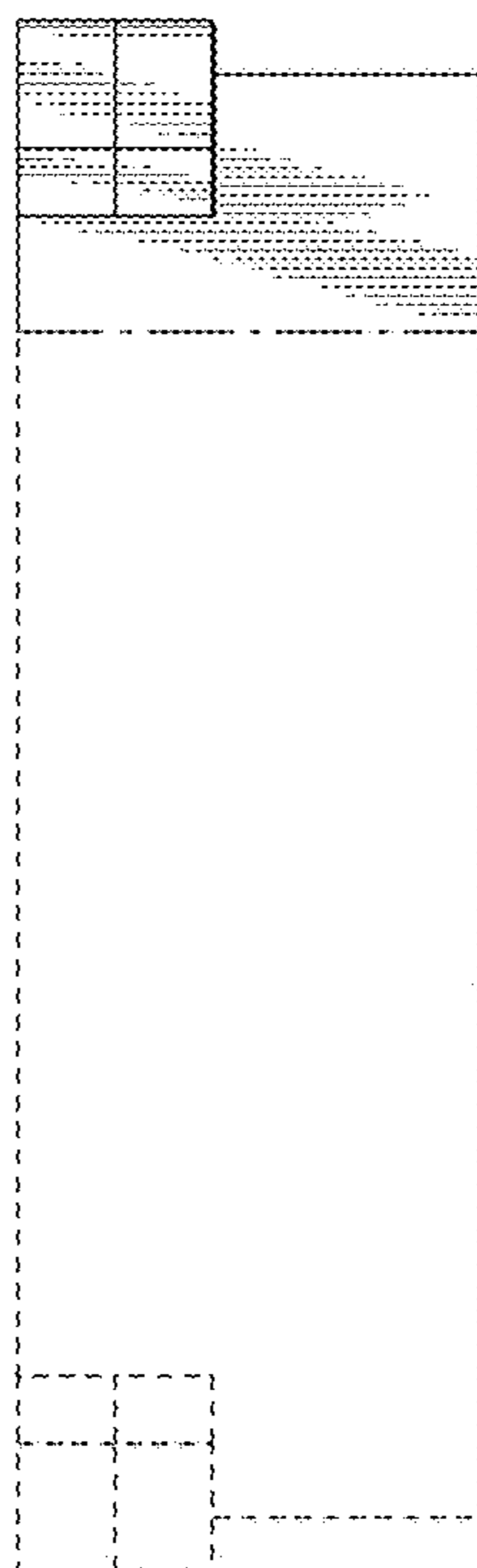


FIG.11

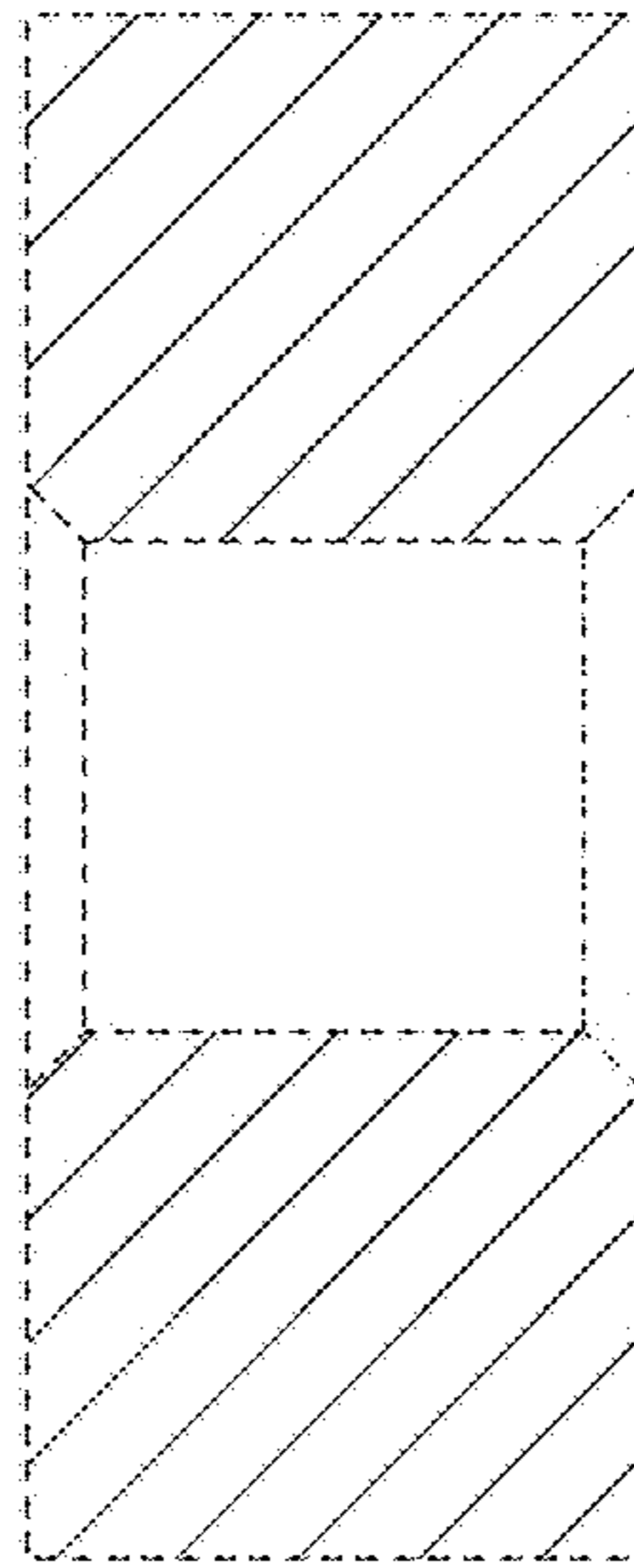


FIG.12

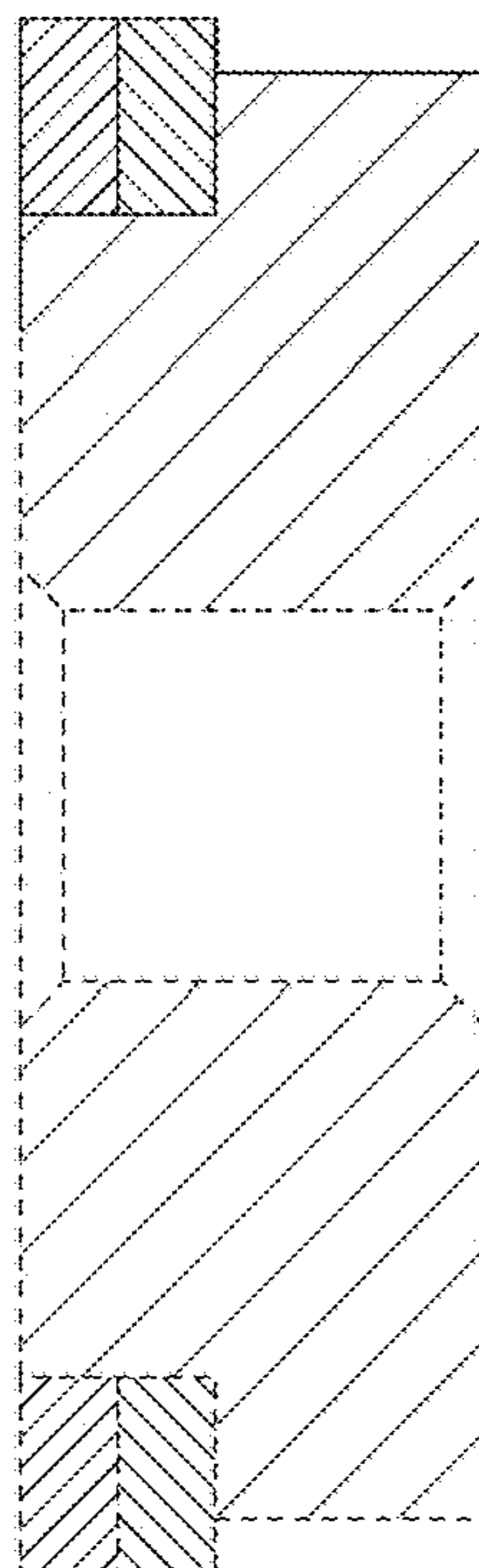


FIG.13

