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(12) **United States Design Patent**
Kanada et al.

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

27/143; B23B 2200/321; B23B 2200/087;
B23B 2200/201

See application file for complete search history.

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(73) Assignee: **SUMITOMO ELECTRIC HARDMETAL CORP.**, Itami-shi (JP)

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

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(21) Appl. No.: **29/615,408**

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(Continued)

Related U.S. Application Data

(62) Division of application No. 29/539,770, filed on Sep. 17, 2015, now Pat. No. Des. 800,188.

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(30) **Foreign Application Priority Data**

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(57) **CLAIM**

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

(51) **LOC (11) Cl.** **15-09**

DESCRIPTION

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

(58) **Field of Classification Search**
USPC D15/124–144; D8/16–20, 70, 90, 98;
409/137, 139–140; 407/114, 59
CPC B23C 2200/0494; B23C 2200/086; B23C
2200/128; B23C 2200/362; B23C 5/15;
B23C 5/06; B23C 5/207; B23C 2200/367;
B23C 2200/0422; B23B 27/007; B23B

FIG. 1 is a front view of a throw-away tip for metal cutting tool showing our 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 referential top view thereof;

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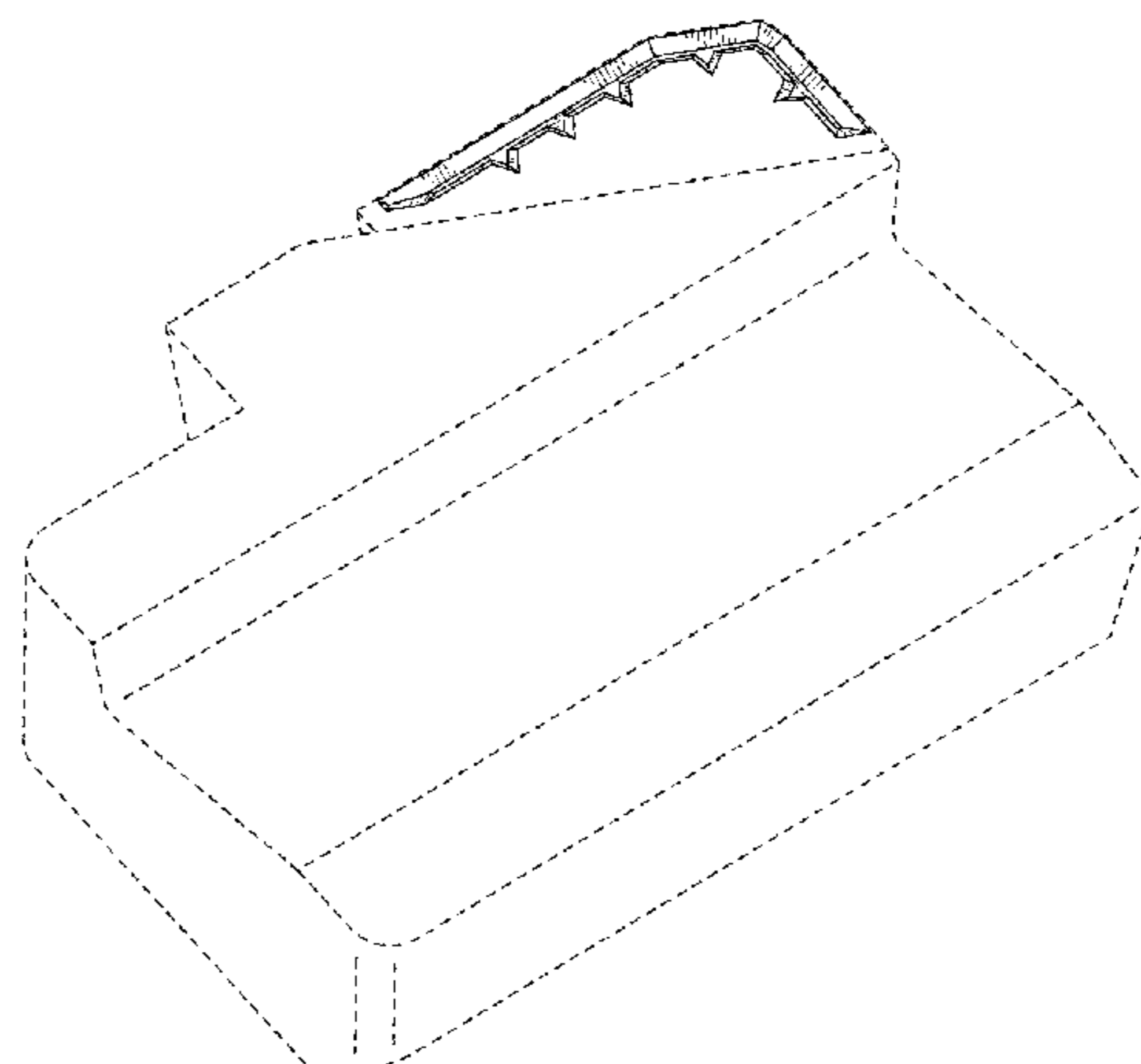
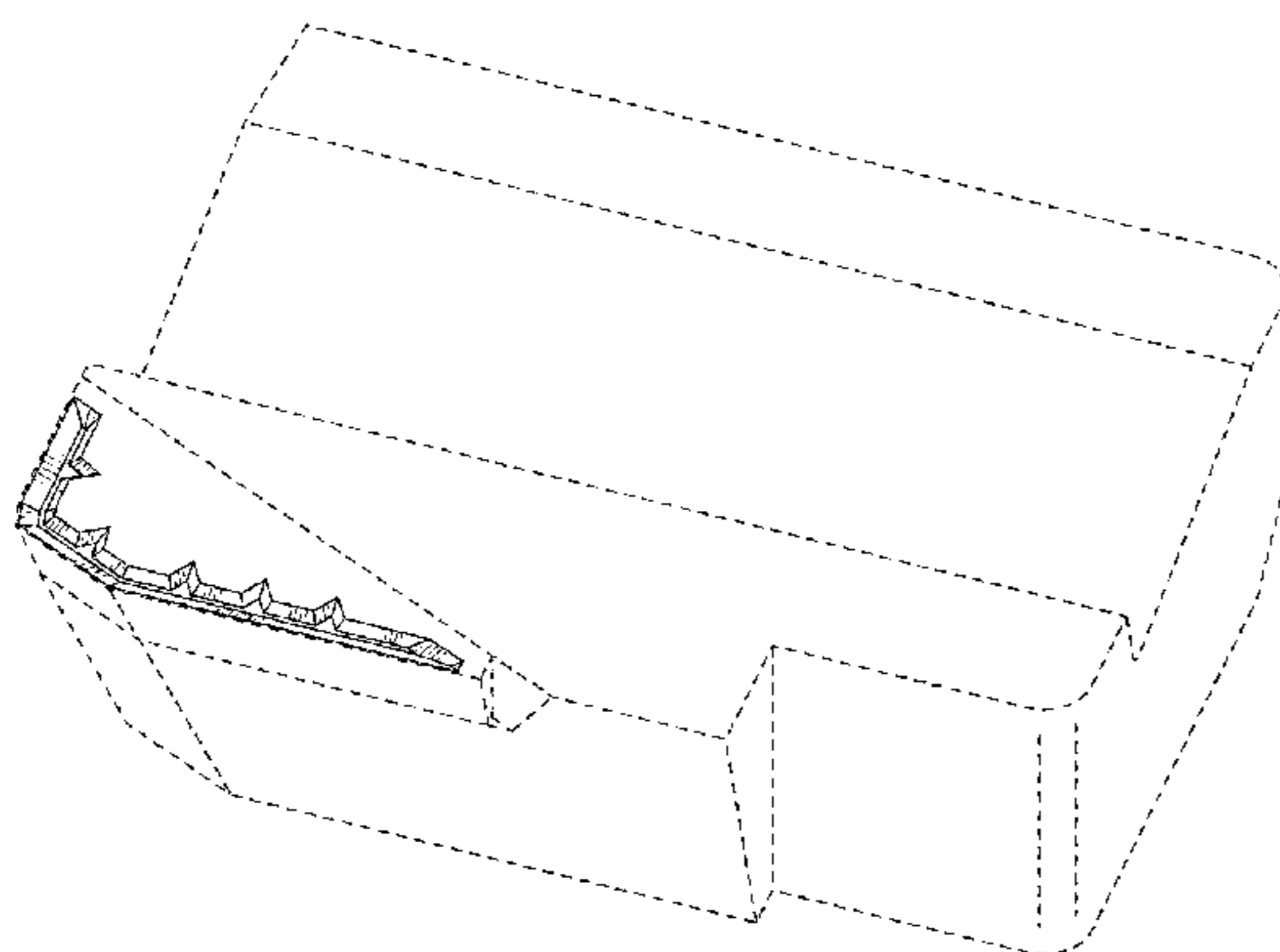


FIG. 10 is a cross sectional view taken along line 10-10 of FIG. 9; and, FIG. 11 is a cross sectional view taken along line 11-11 of FIG. 9.

1 Claim, 5 Drawing Sheets

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FIG.1

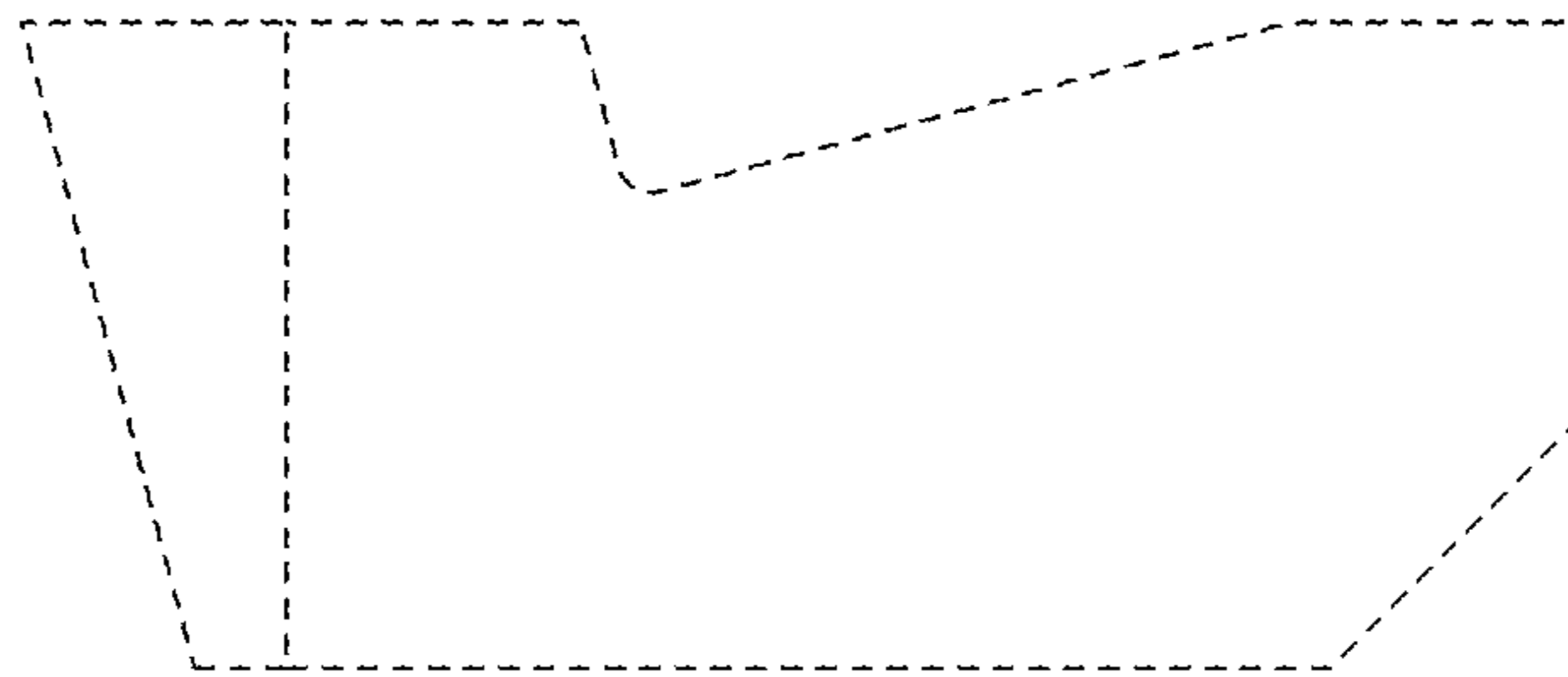


FIG.2

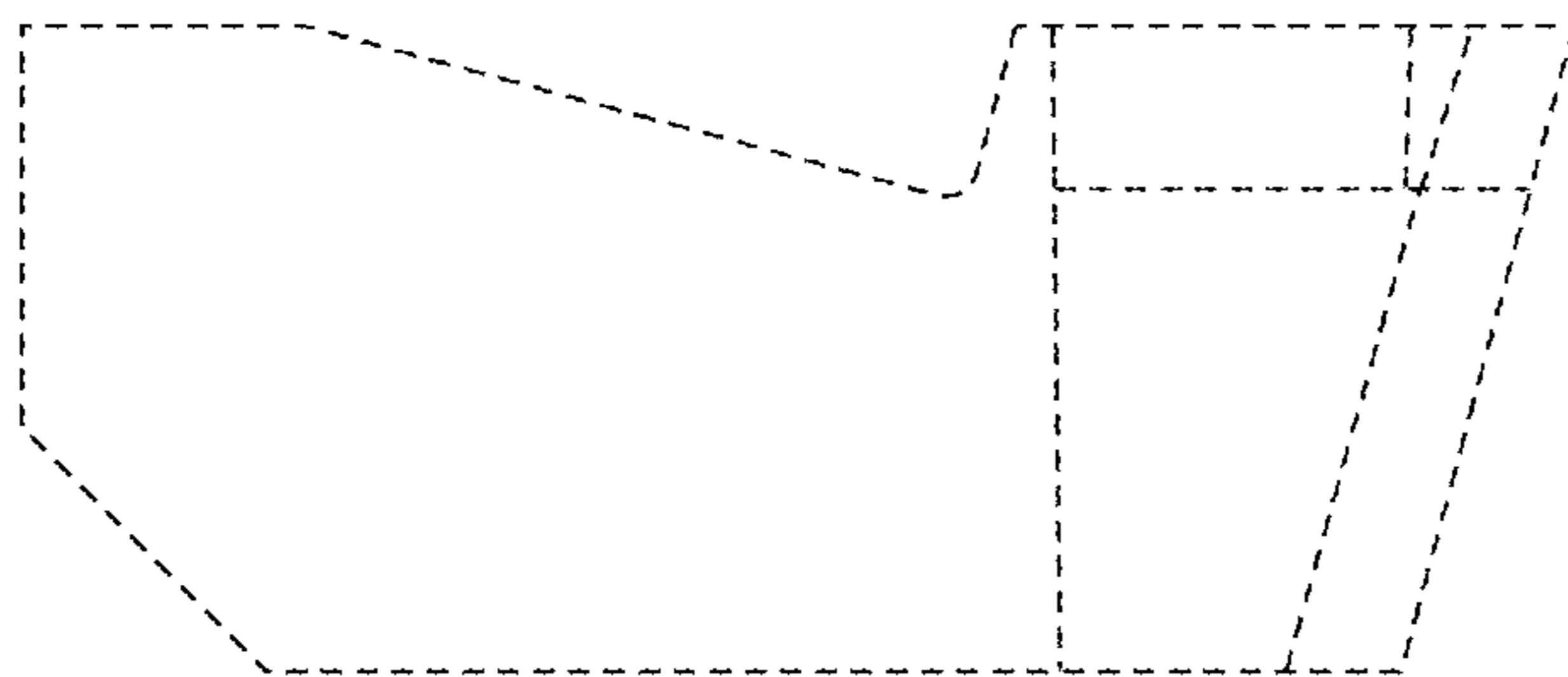


FIG.3

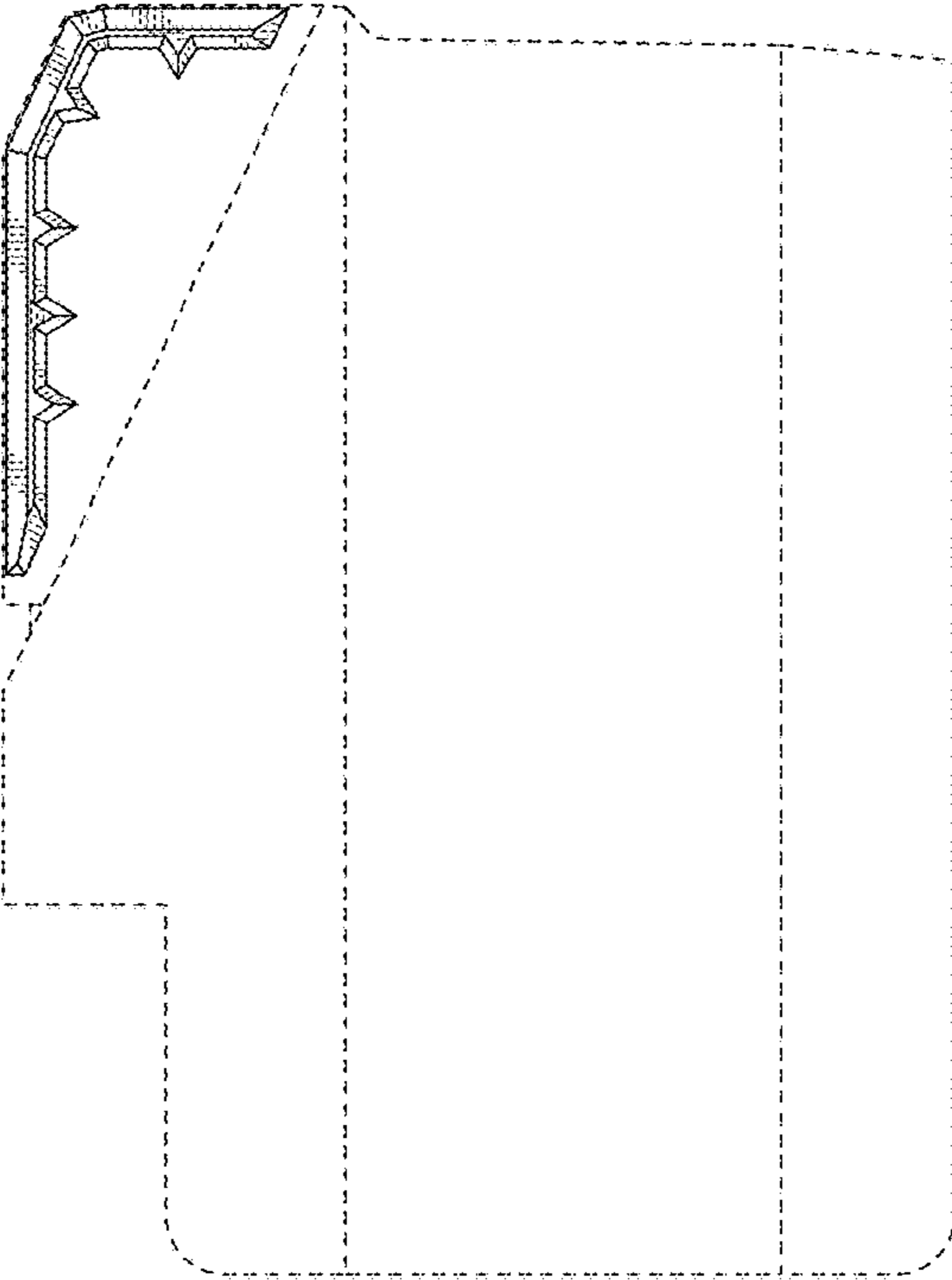


FIG.4

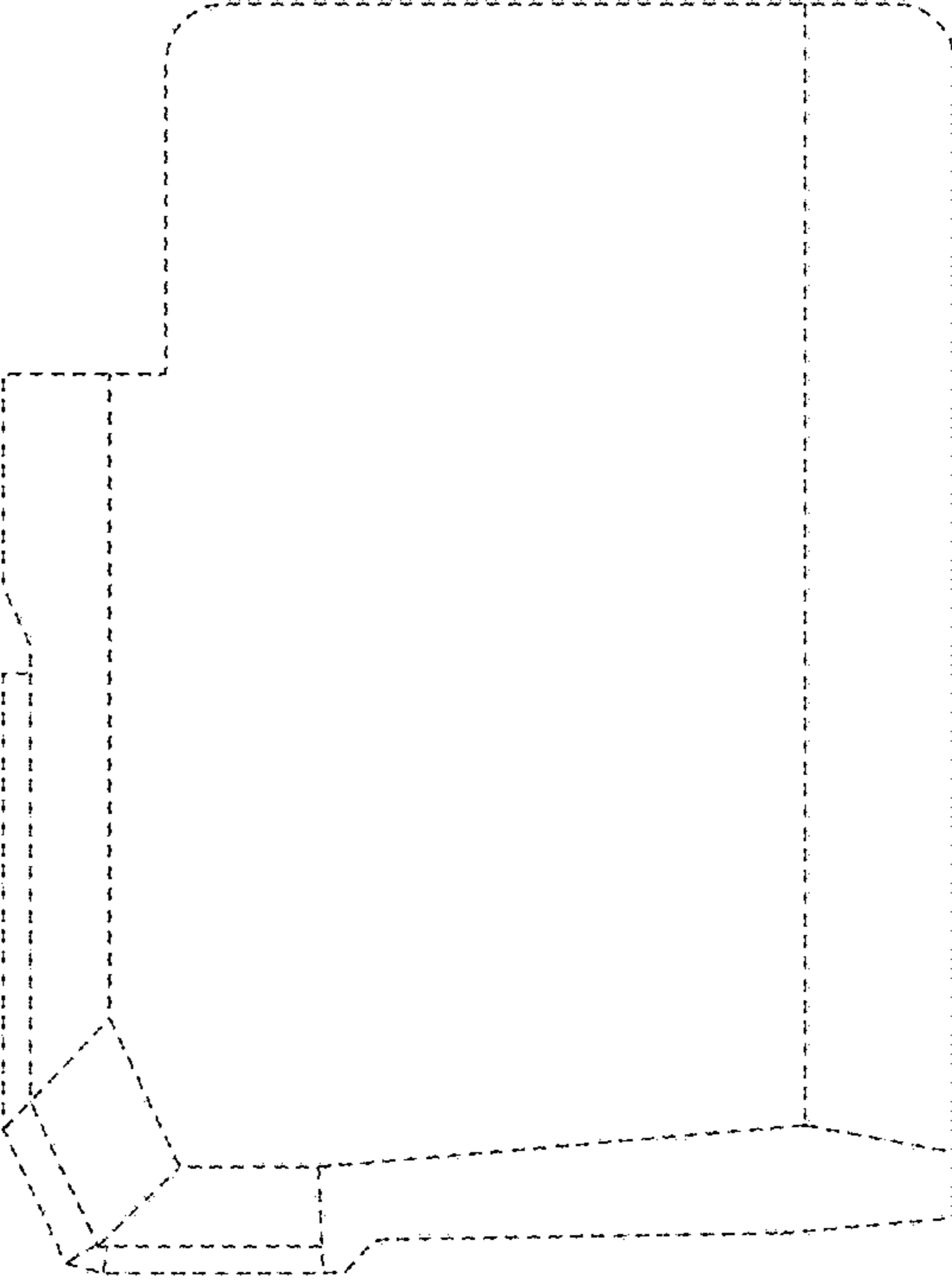


FIG.5

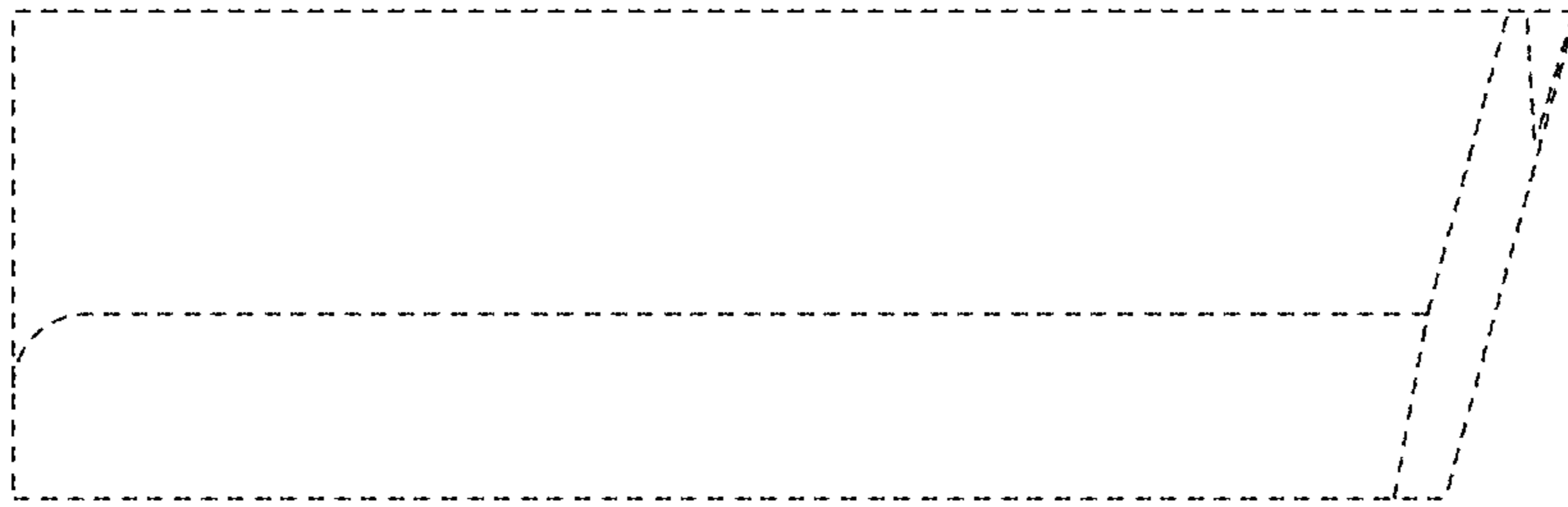


FIG.6

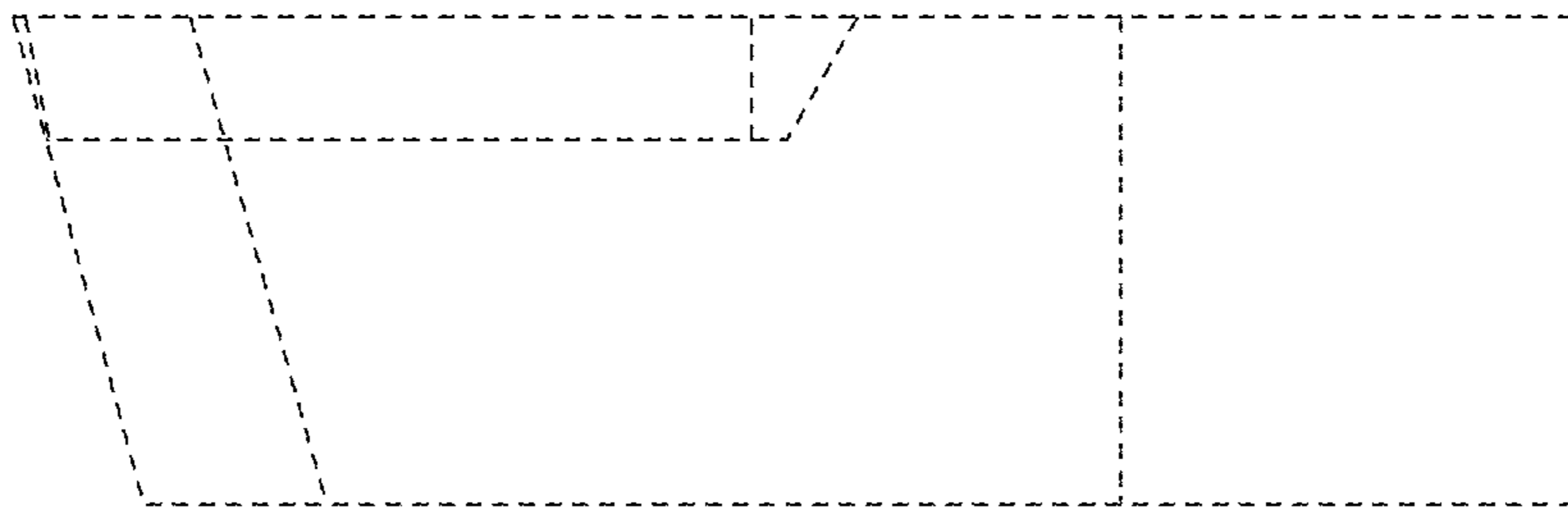


FIG.7

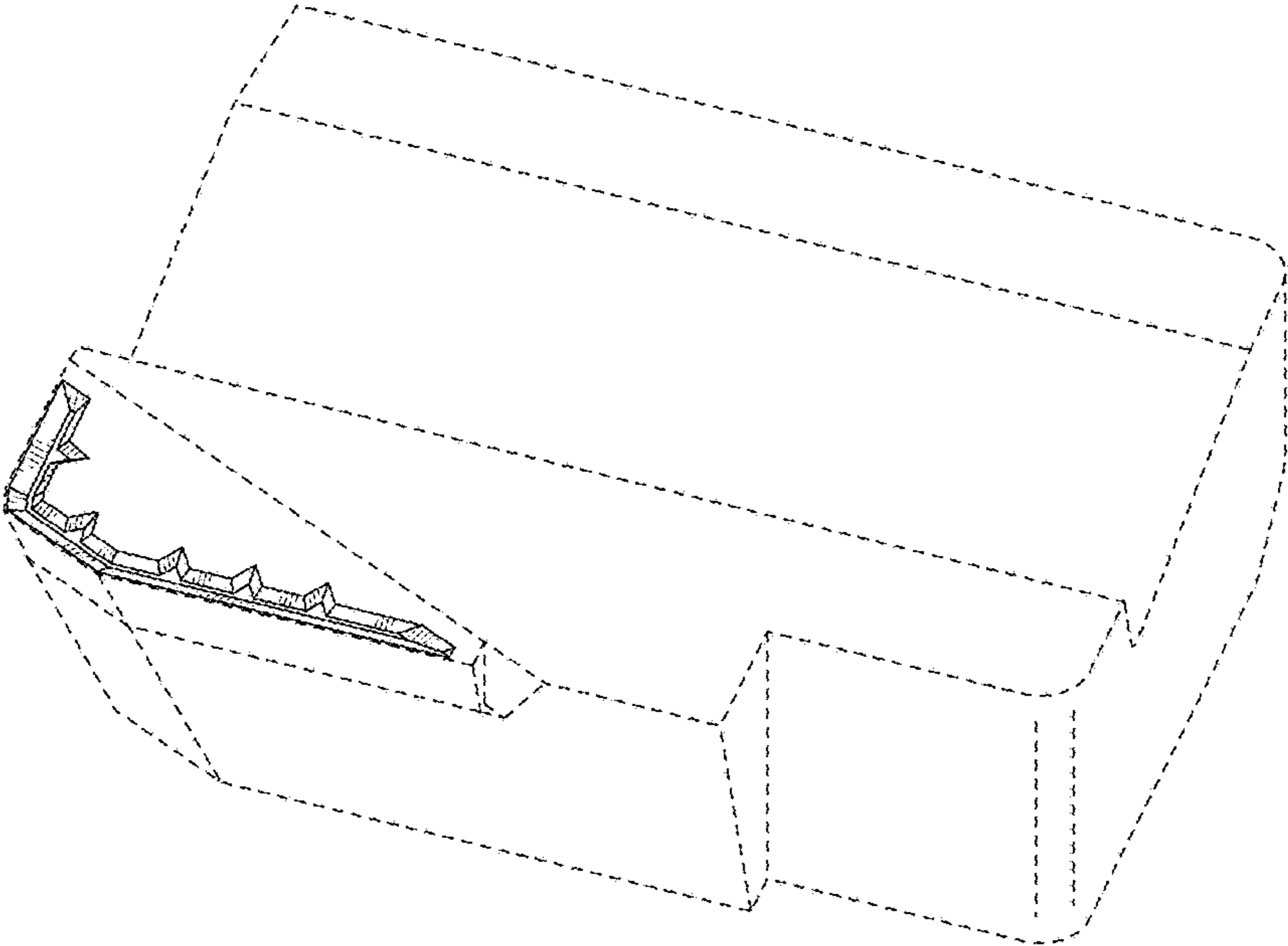


FIG.8

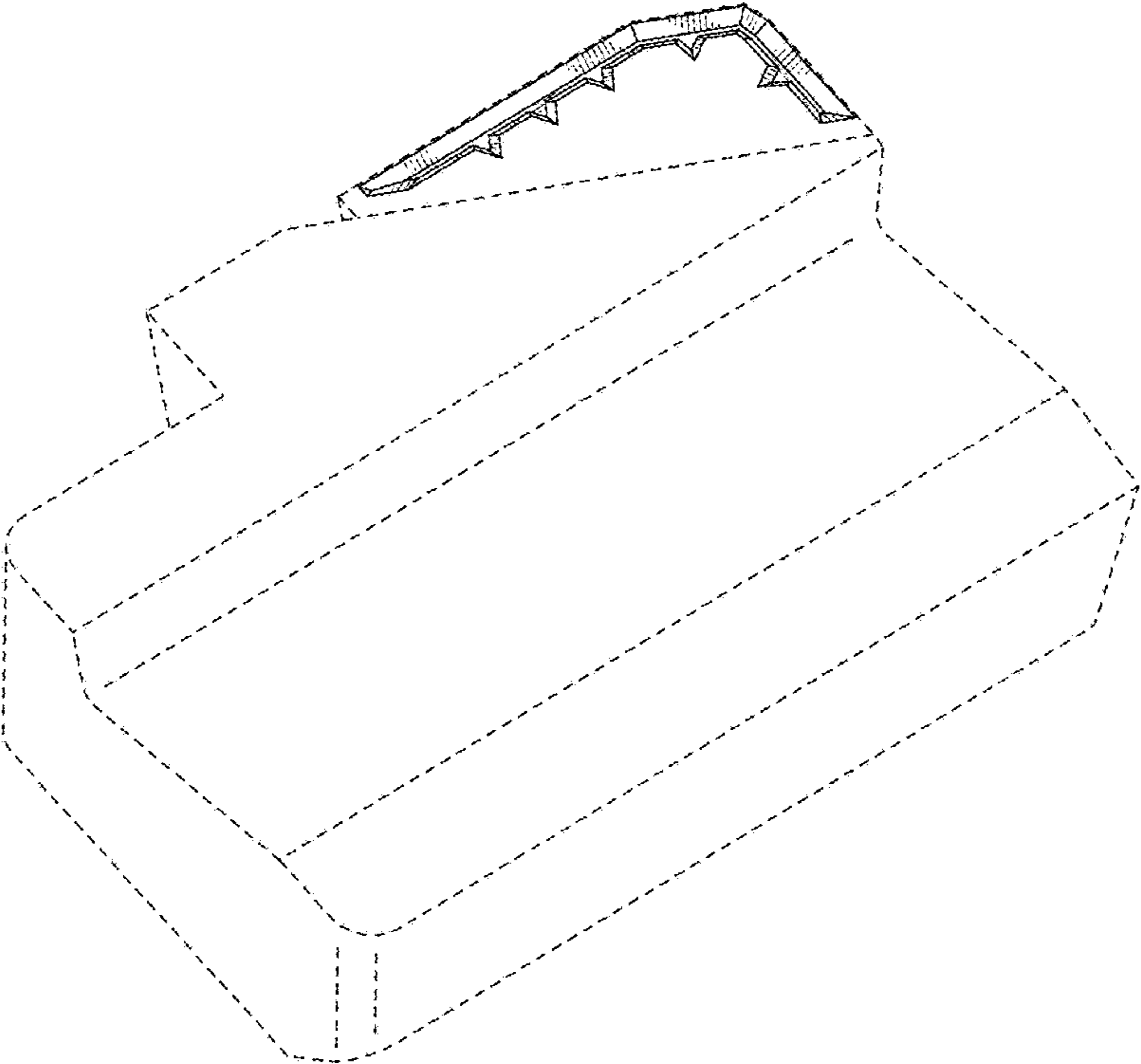


FIG.9

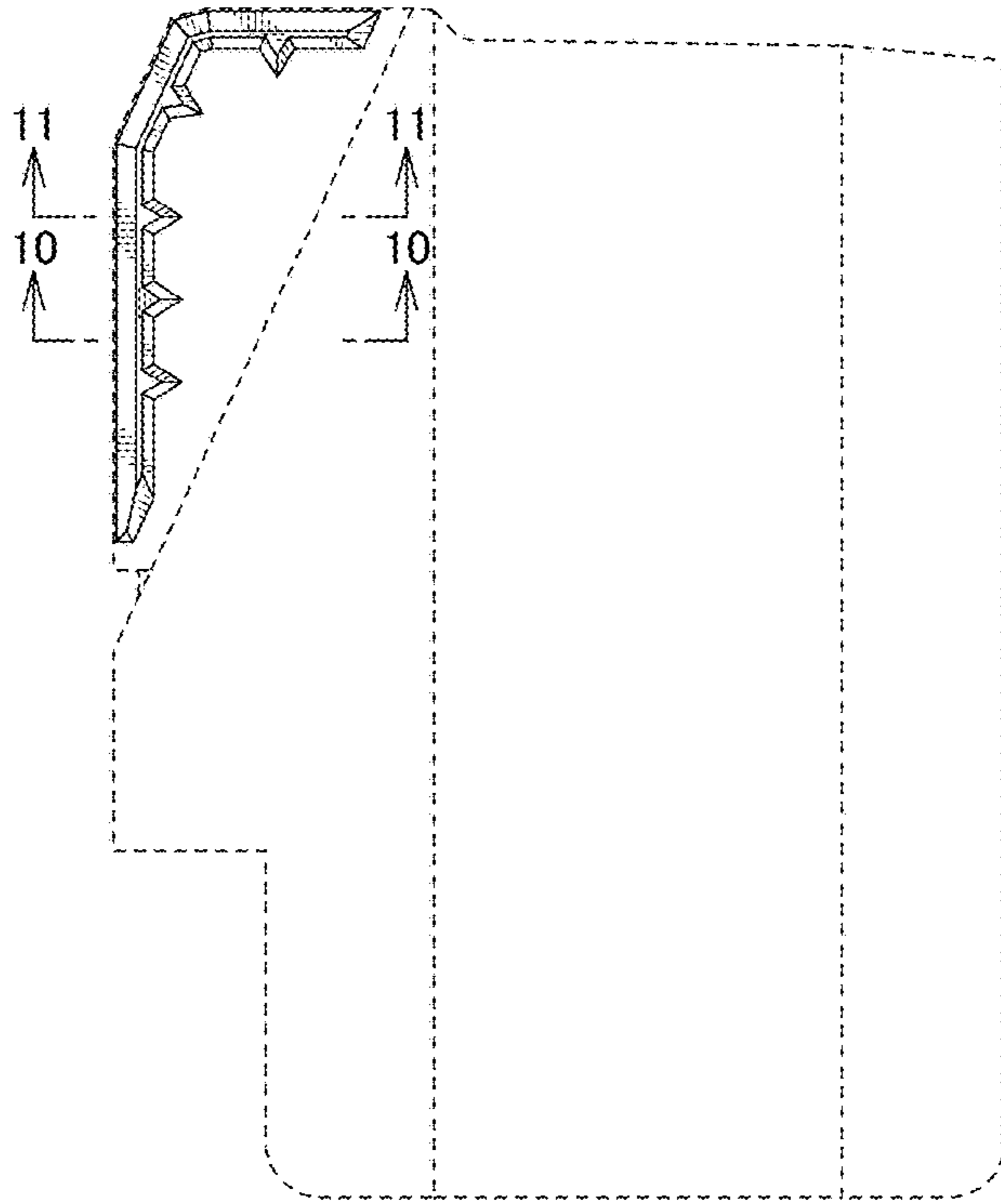


FIG.10

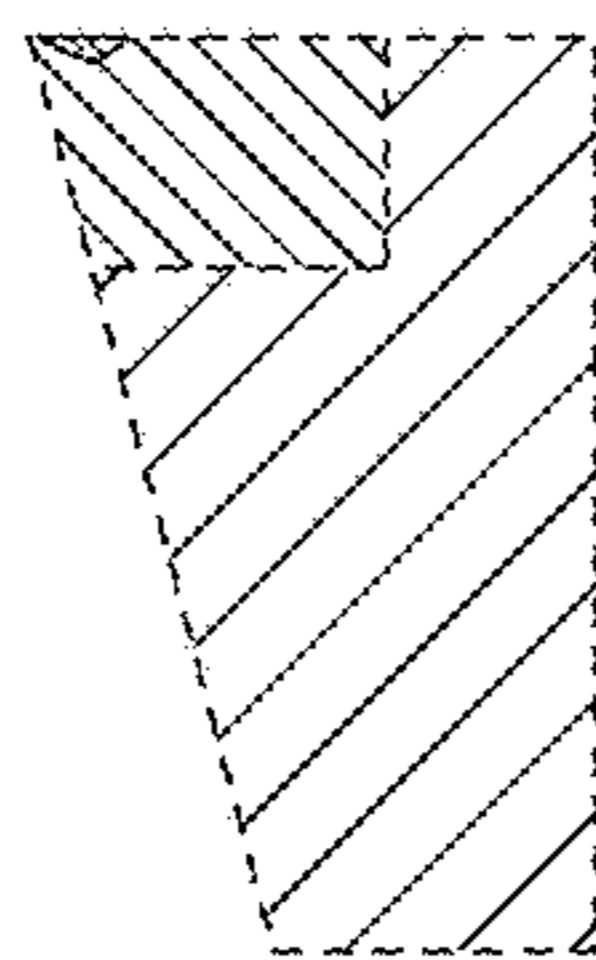


FIG.11

