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

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(54) **RIPPER FOR GRANULATING MACHINES**
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(73) Assignee: **RAPID GRANULATOR AB**, Bredaryd (SE)

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

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(22) Filed: **Mar. 21, 2017**

(30) **Foreign Application Priority Data**

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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; D15/28, 123, 126, 131, 138,
D15/139, 140
CPC B23B 27/1611; B23C 3/05; B23C 5/24;
B23C 5/109; B23C 5/207
See application file for complete search history.

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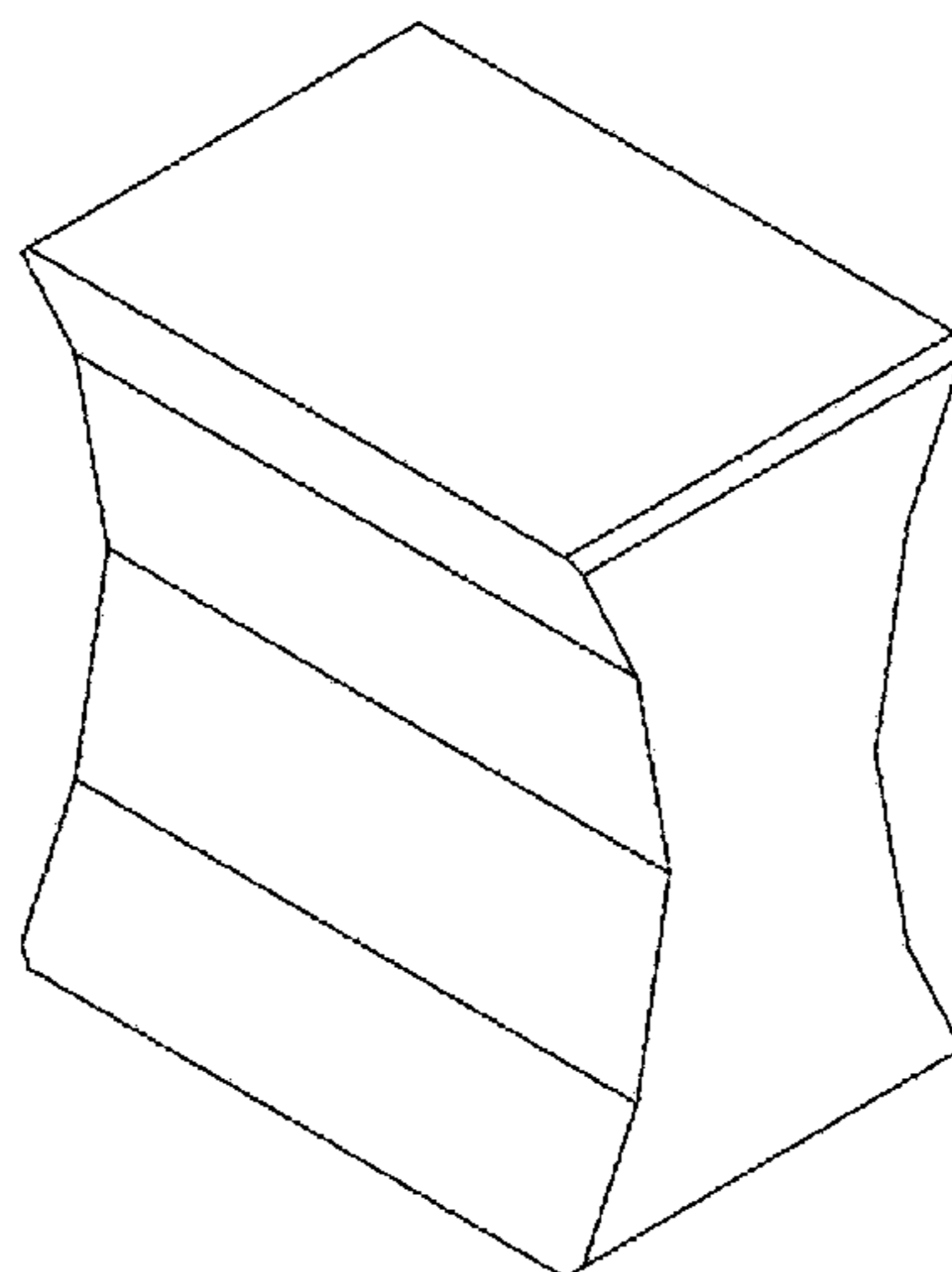
(57) **CLAIM**

The ornamental design for a ripper for granulating machines, as shown and described.

DESCRIPTION

FIG. 1 is a front-right-top perspective view of a ripper for granulating machines showing our new design.
FIG. 2 is a rear-left-bottom perspective view thereof.
FIGS. 3-4 are additional front-right-top perspective views thereof.
FIG. 5 is a front view thereof, a rear view being a mirror image of the front view.
FIG. 6 is a left side view thereof, a right side view being a mirror image of the left side view.
FIG. 7 is a top view thereof, a bottom view being a mirror image of the top view.

1 Claim, 3 Drawing Sheets



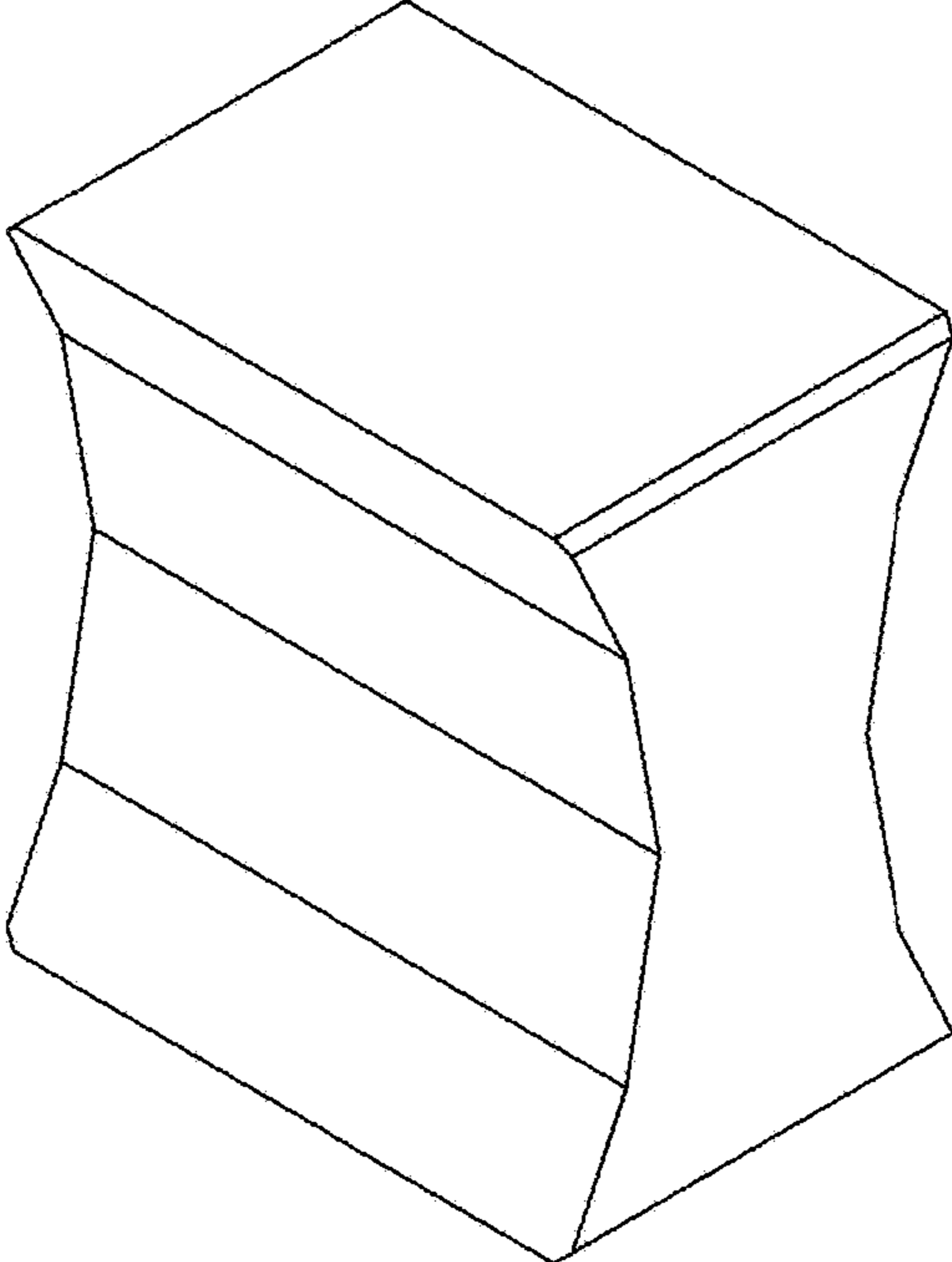


FIG. 1

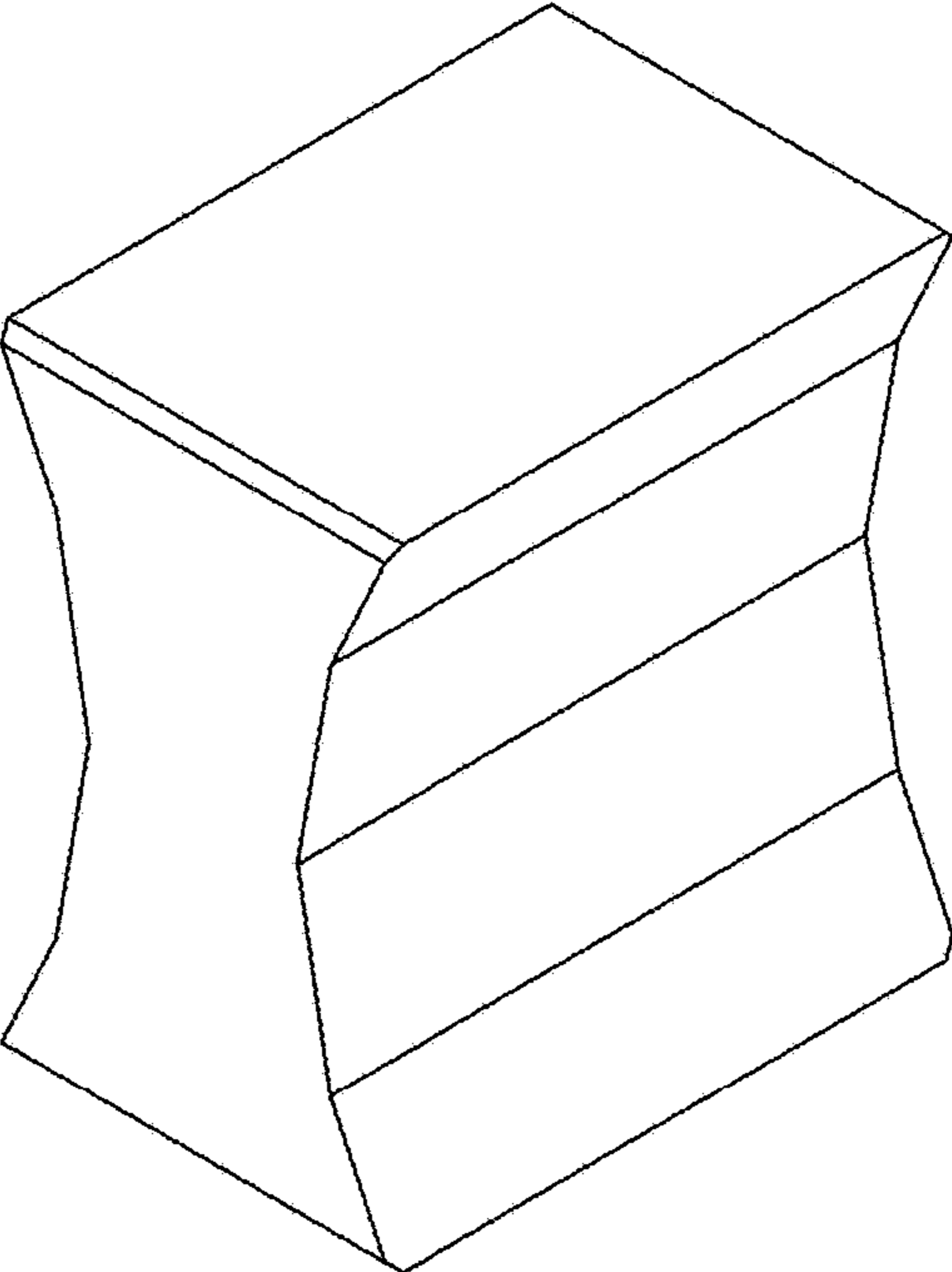


FIG. 2

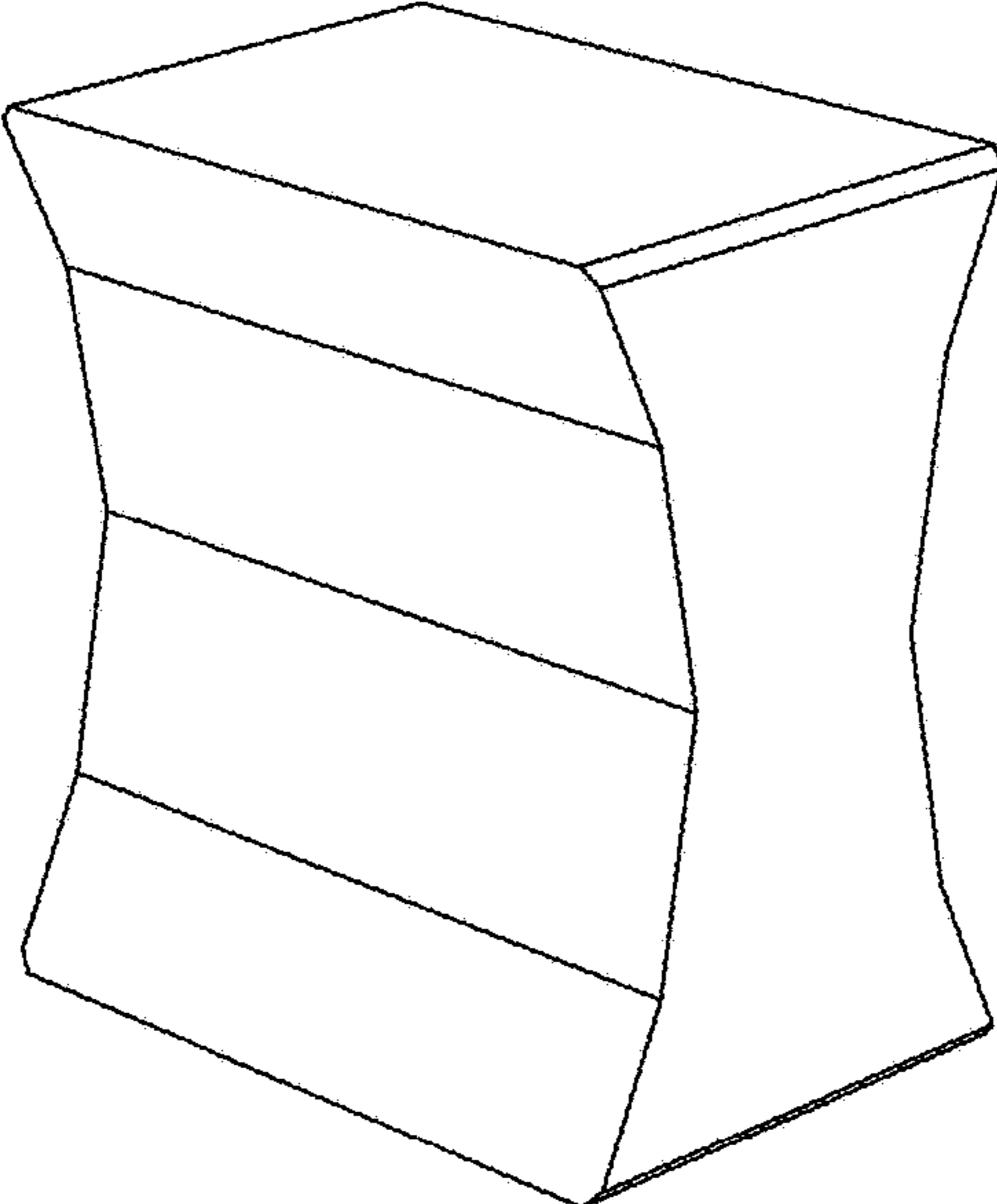


FIG. 3

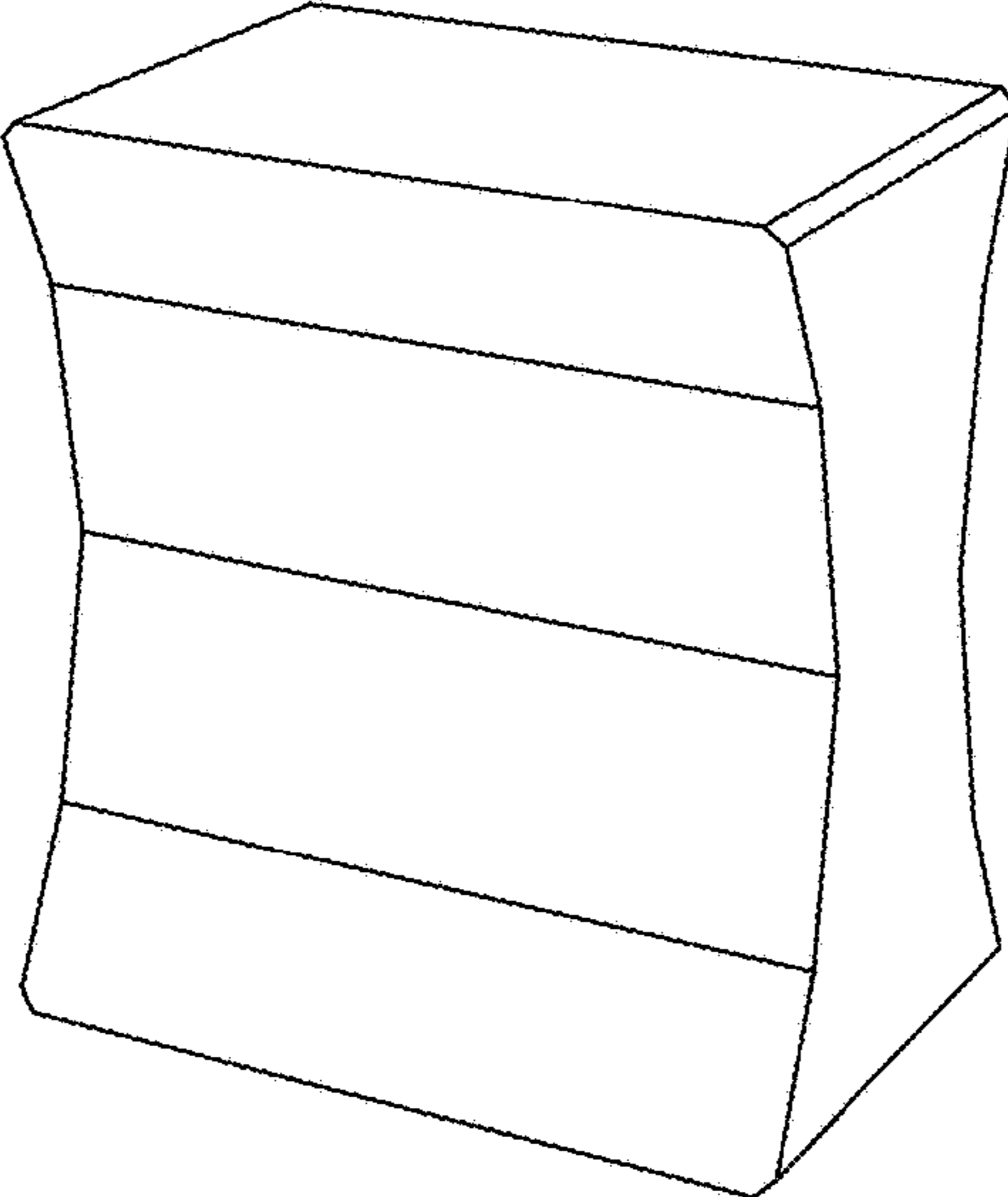


FIG. 4

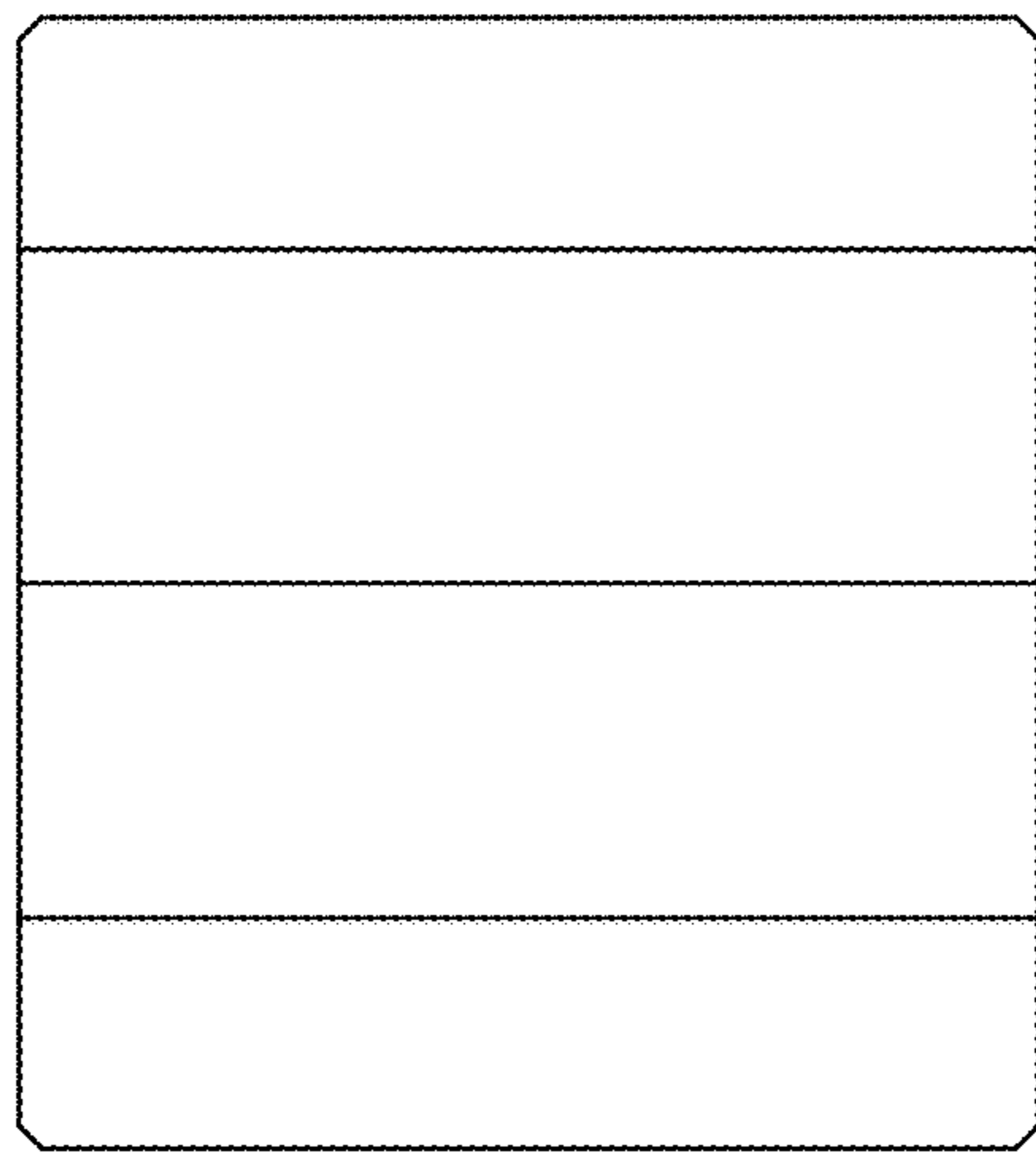


FIG. 5

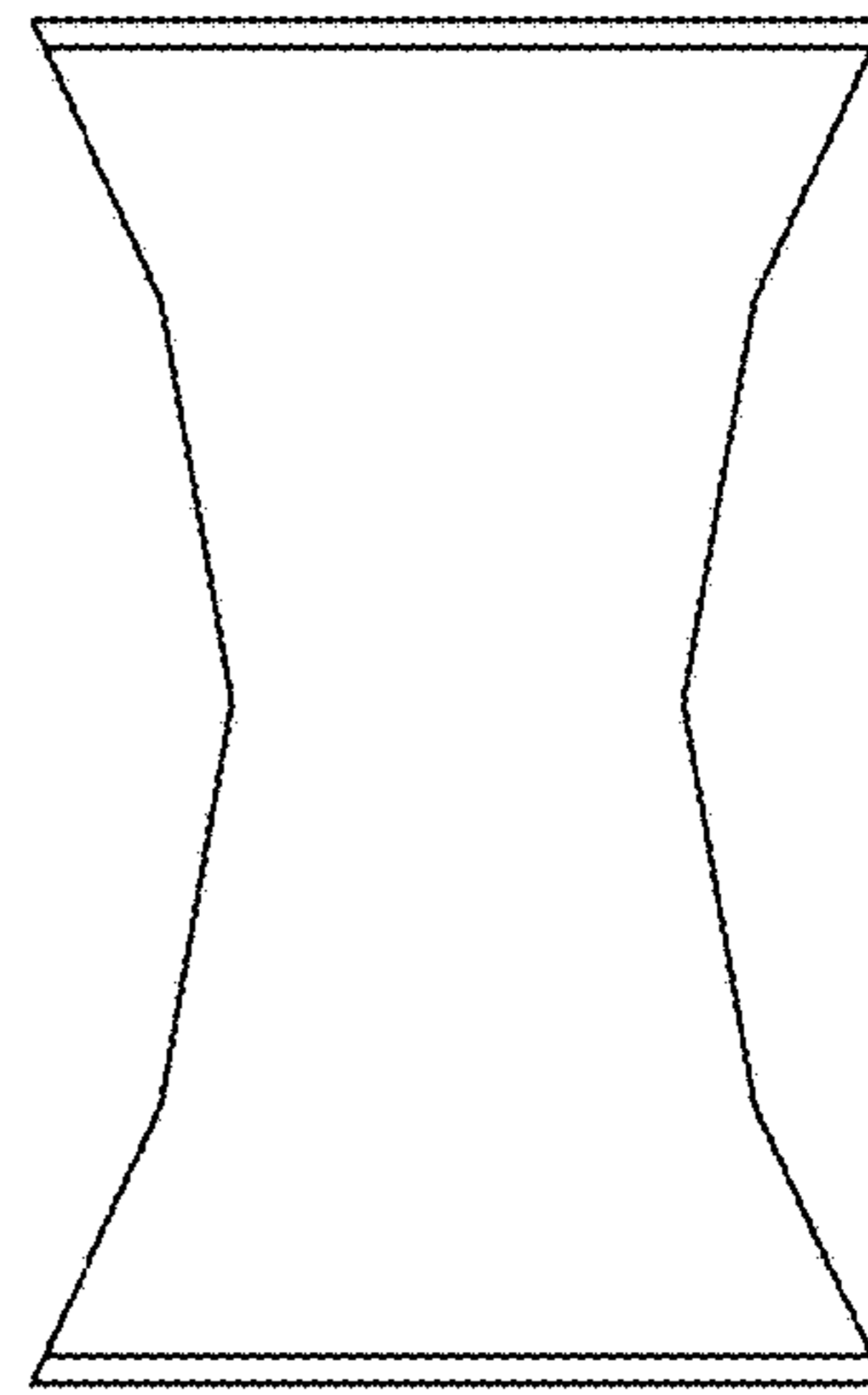


FIG. 6

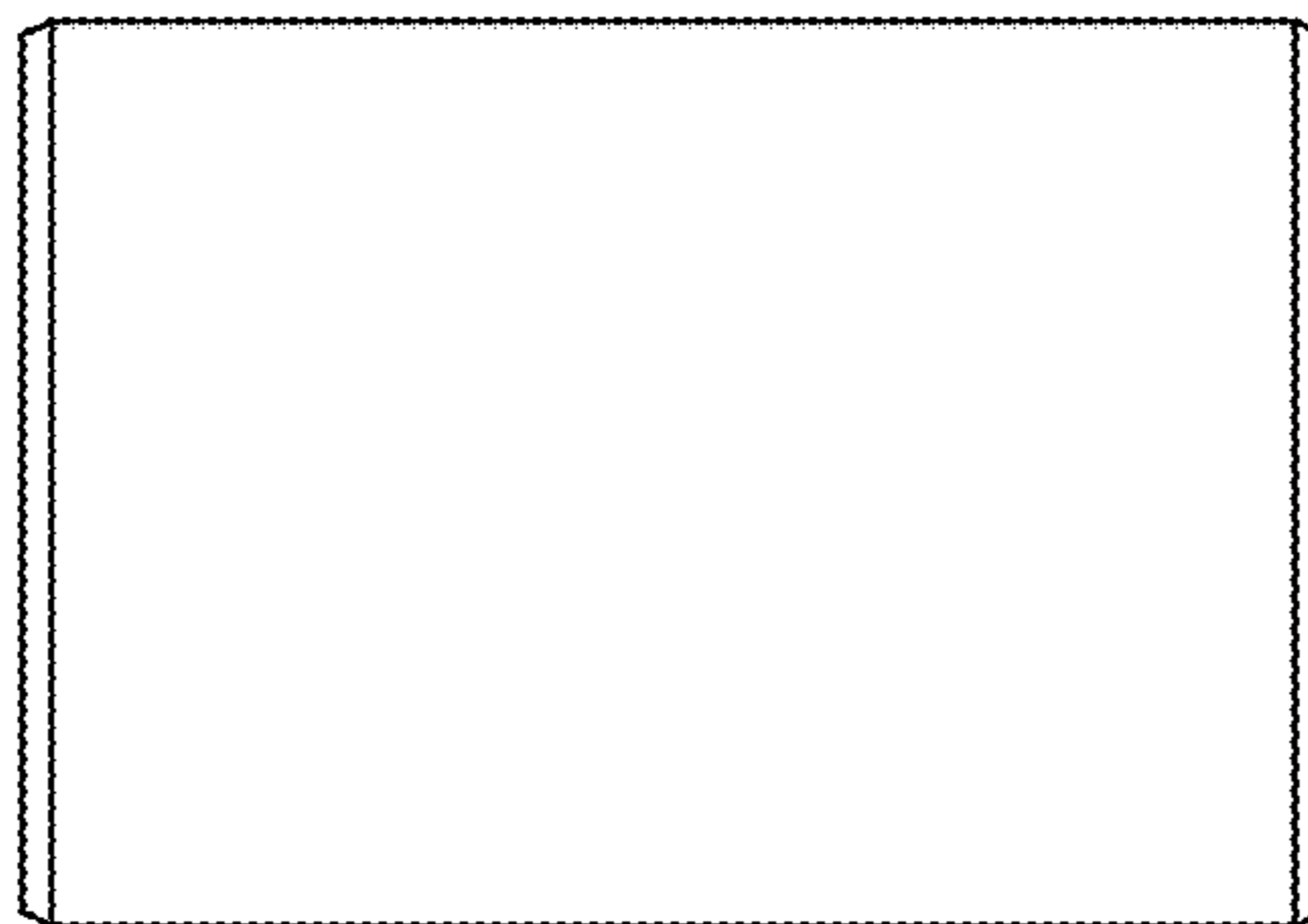


FIG. 7