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

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(54) **VIBRATION ELEMENT FOR A HAPTIC ACTUATOR**

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(73) Assignee: **TDK CORPORATION**, Tokyo (JP)

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (11) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/174**; D13/199

(58) **Field of Classification Search**
USPC D10/75, 85; D15/147; D13/21, 121,
D13/122, 171-175, 199
CPC H03H 9/0595; H03H 9/131; H03H 9/178;
H03H 9/205
See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a vibration element for a haptic actuator, as shown and described.

DESCRIPTION

FIG. 1 is a front view of a vibration element for a haptic actuator of the present invention.

FIG. 2 is a rear view thereof.

FIG. 3 is a top plan 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 perspective view thereof.

FIG. 8 is an enlarged sectional view of the vibration element for a haptic actuator taken along section line 8-8 of FIG. 1.

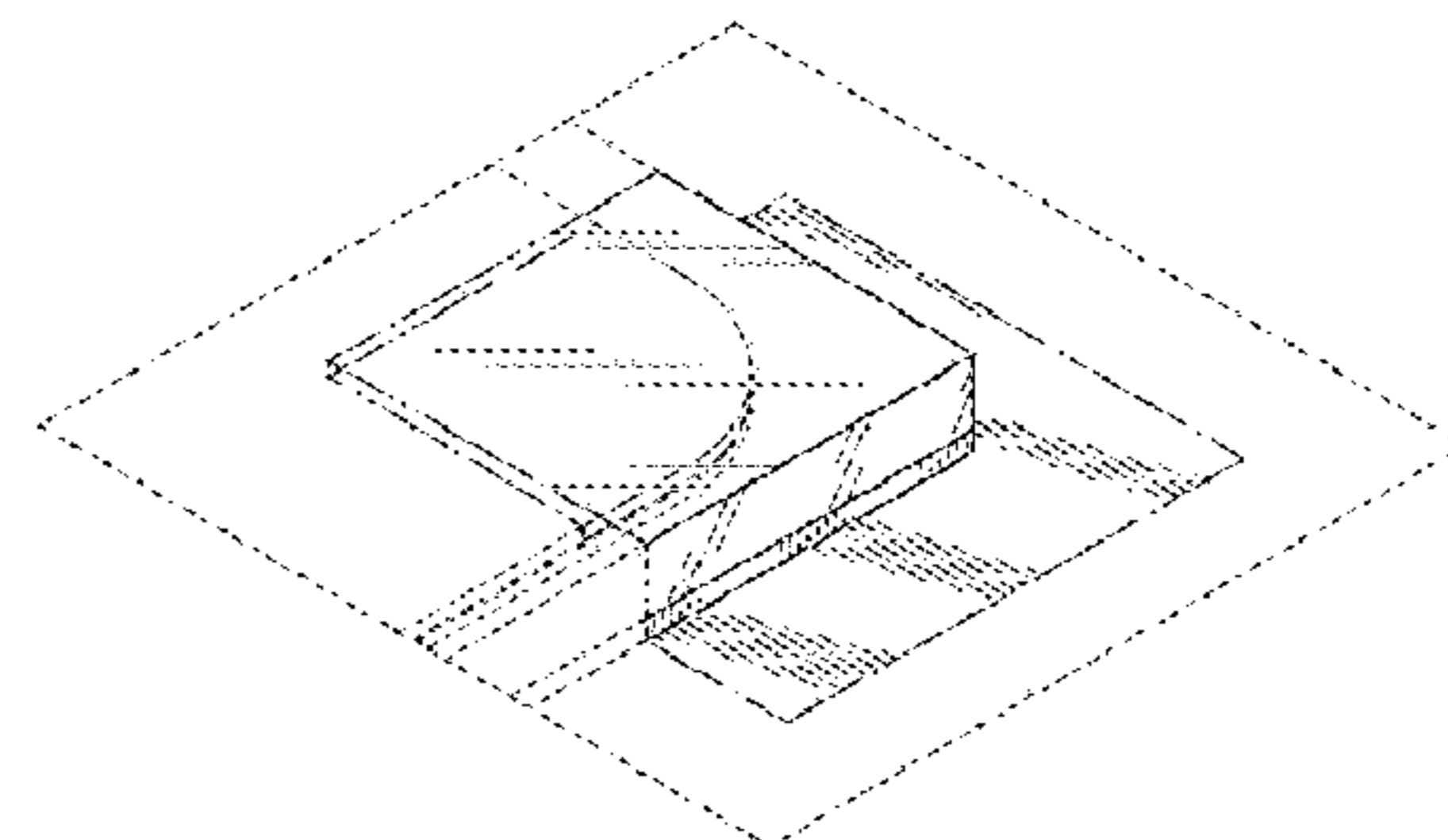
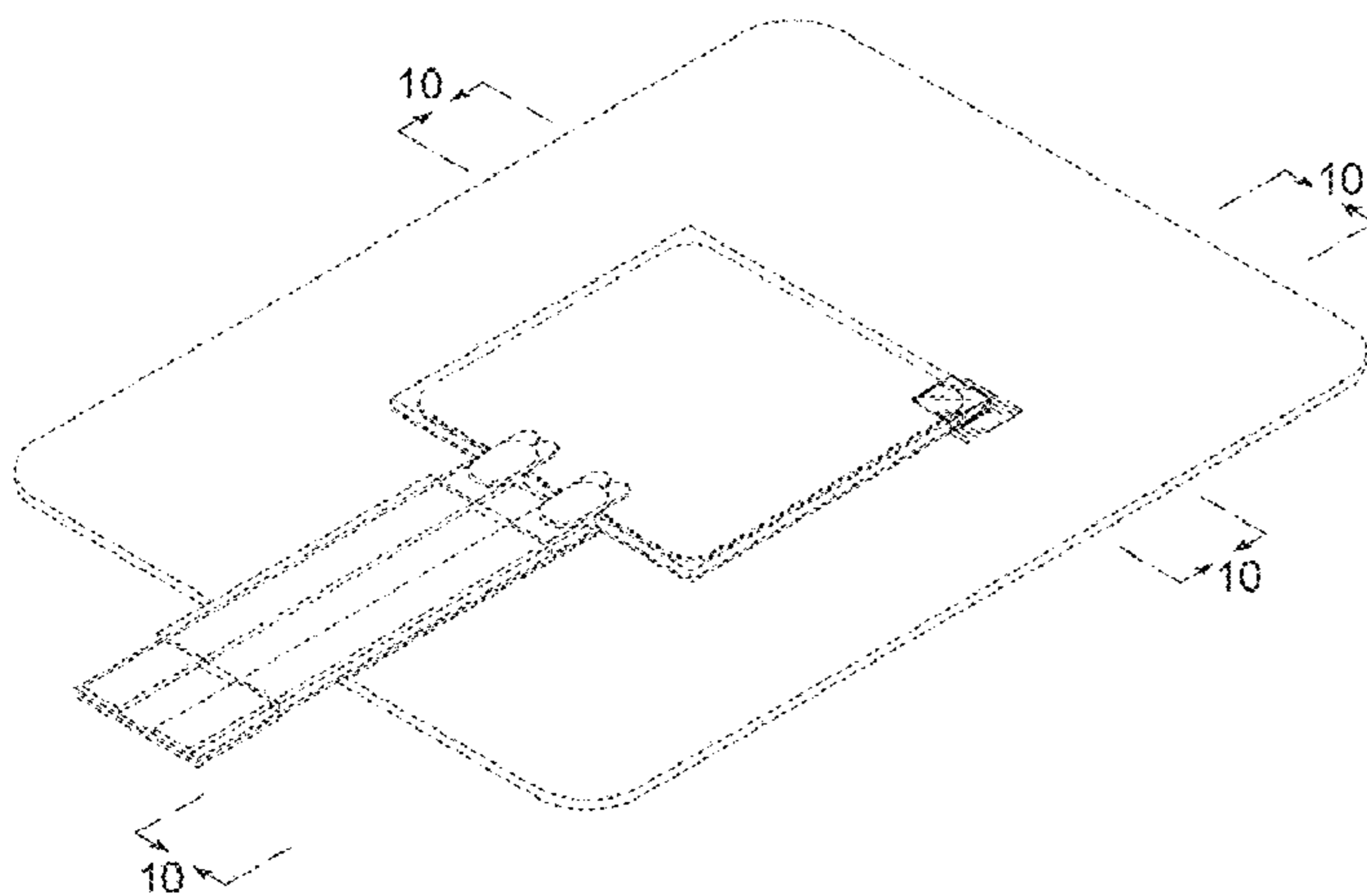
FIG. 9 is an enlarged view of the portion indicated by arrows 9-9 of the vibration element for a haptic actuator of FIG. 4; and,

FIG. 10 is an enlarged view of the portion indicated by arrows 10-10 of the vibration element for a haptic actuator of FIG. 7.

The alternating long and short dashed lines indicate bounds of the claimed design and form no part thereof.

The features shown in broken lines depict environmental subject matter only and form no part of the claimed design.

1 Claim, 10 Drawing Sheets



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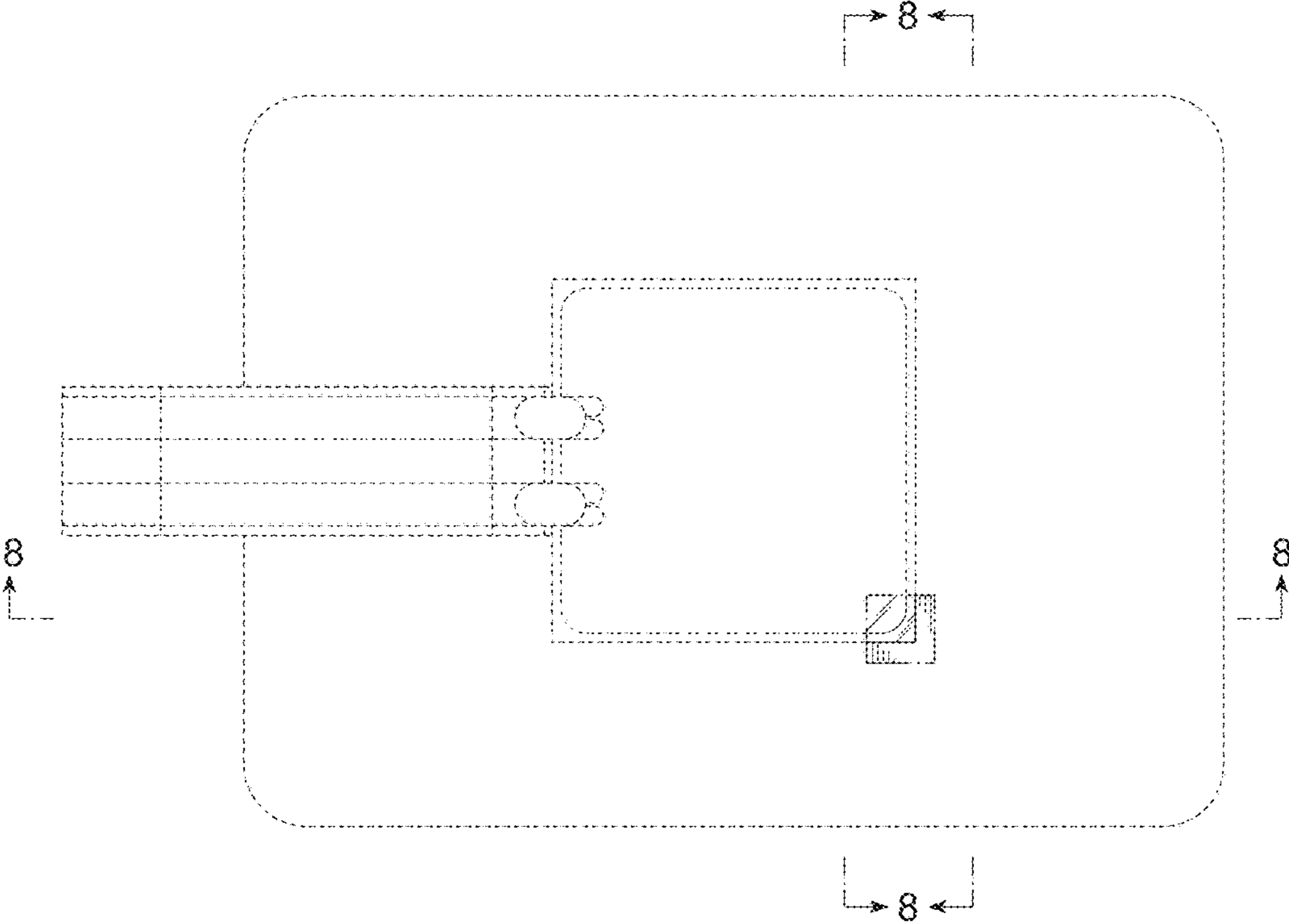


FIG. 1



FIG. 2

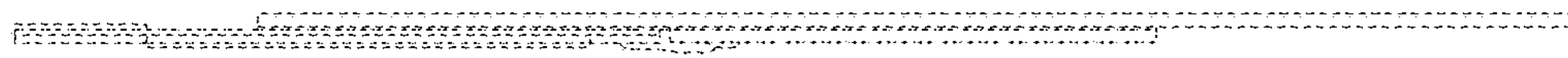


FIG. 3

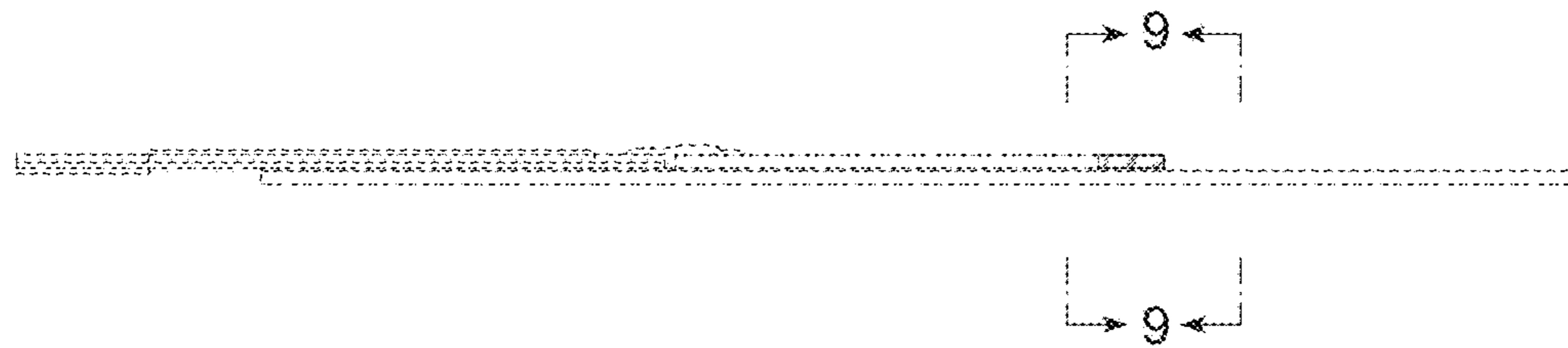


FIG. 4

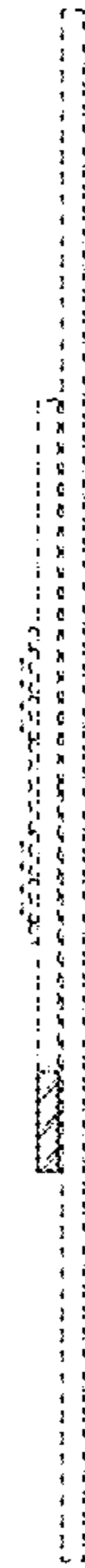


FIG. 5

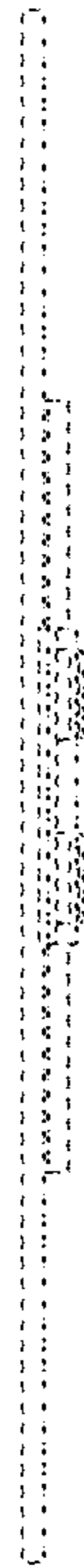


FIG. 6

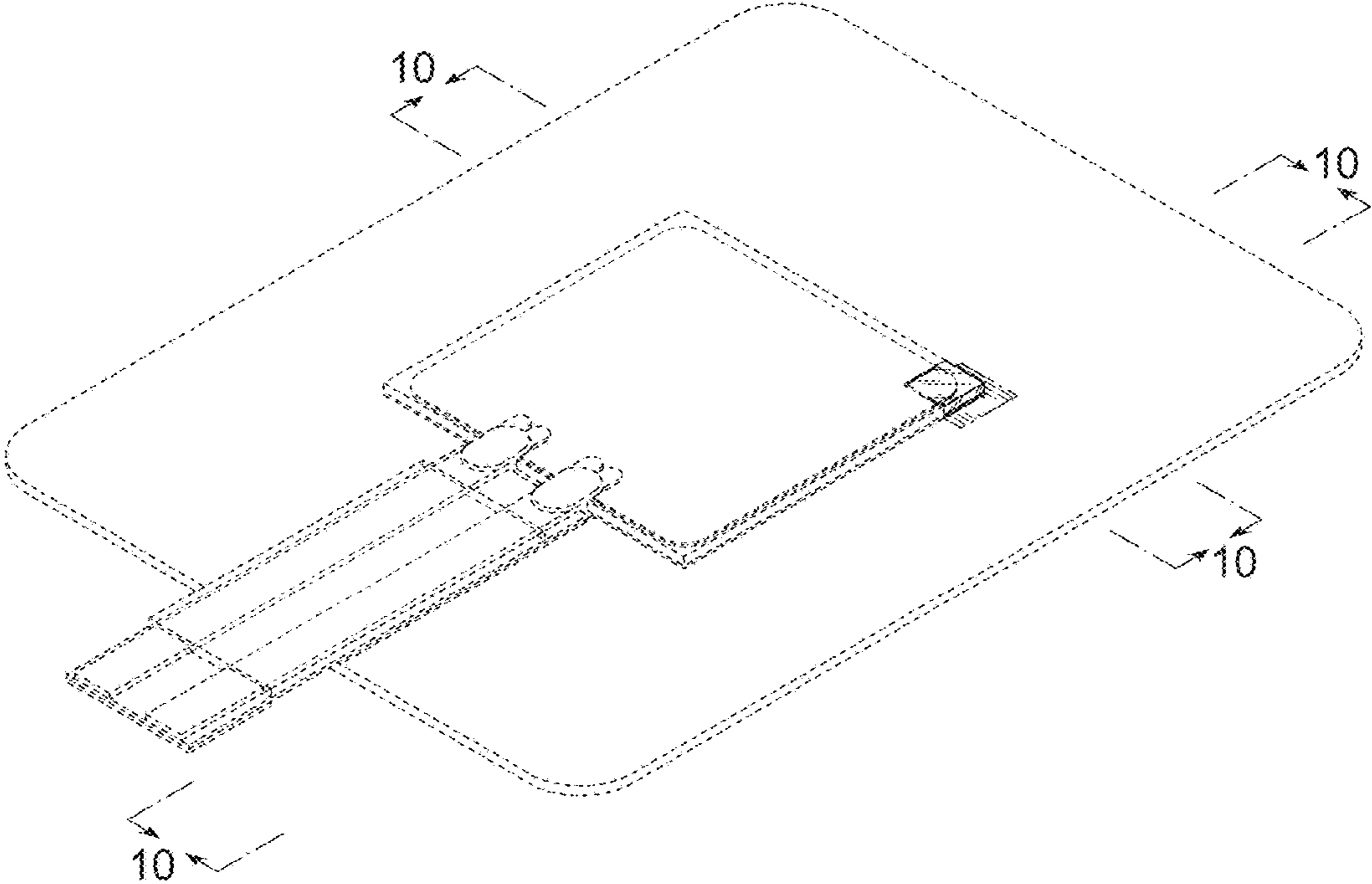


FIG. 7

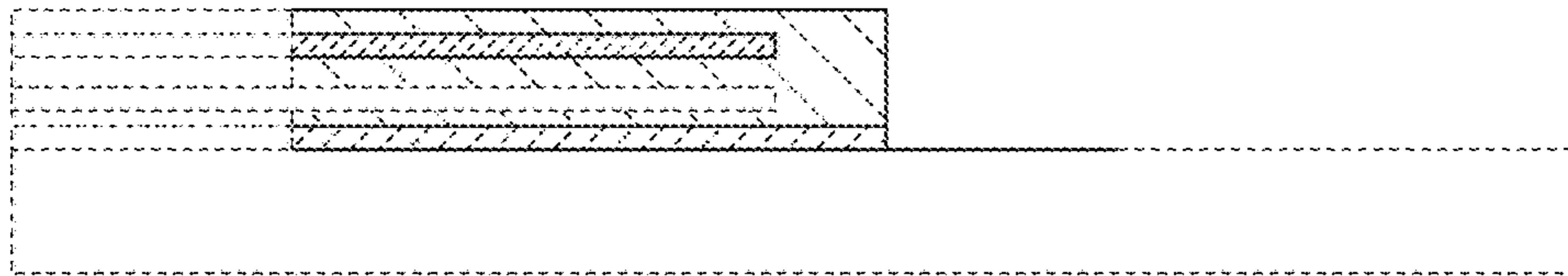


FIG. 8

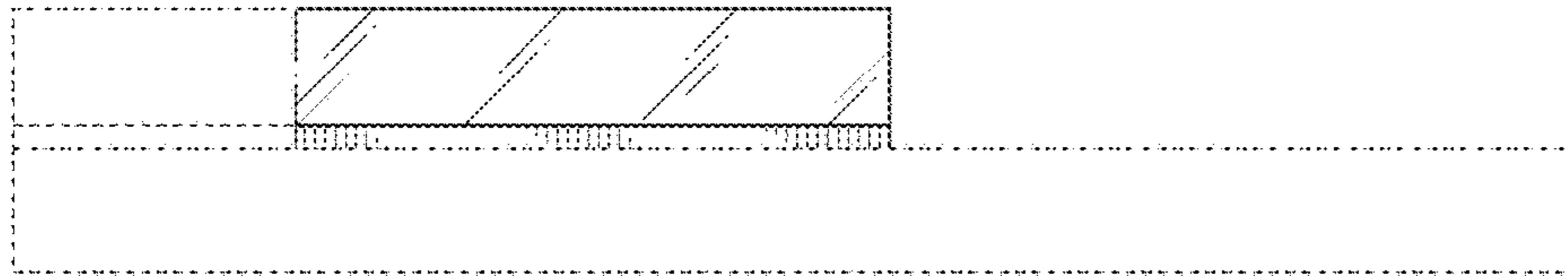


FIG. 9

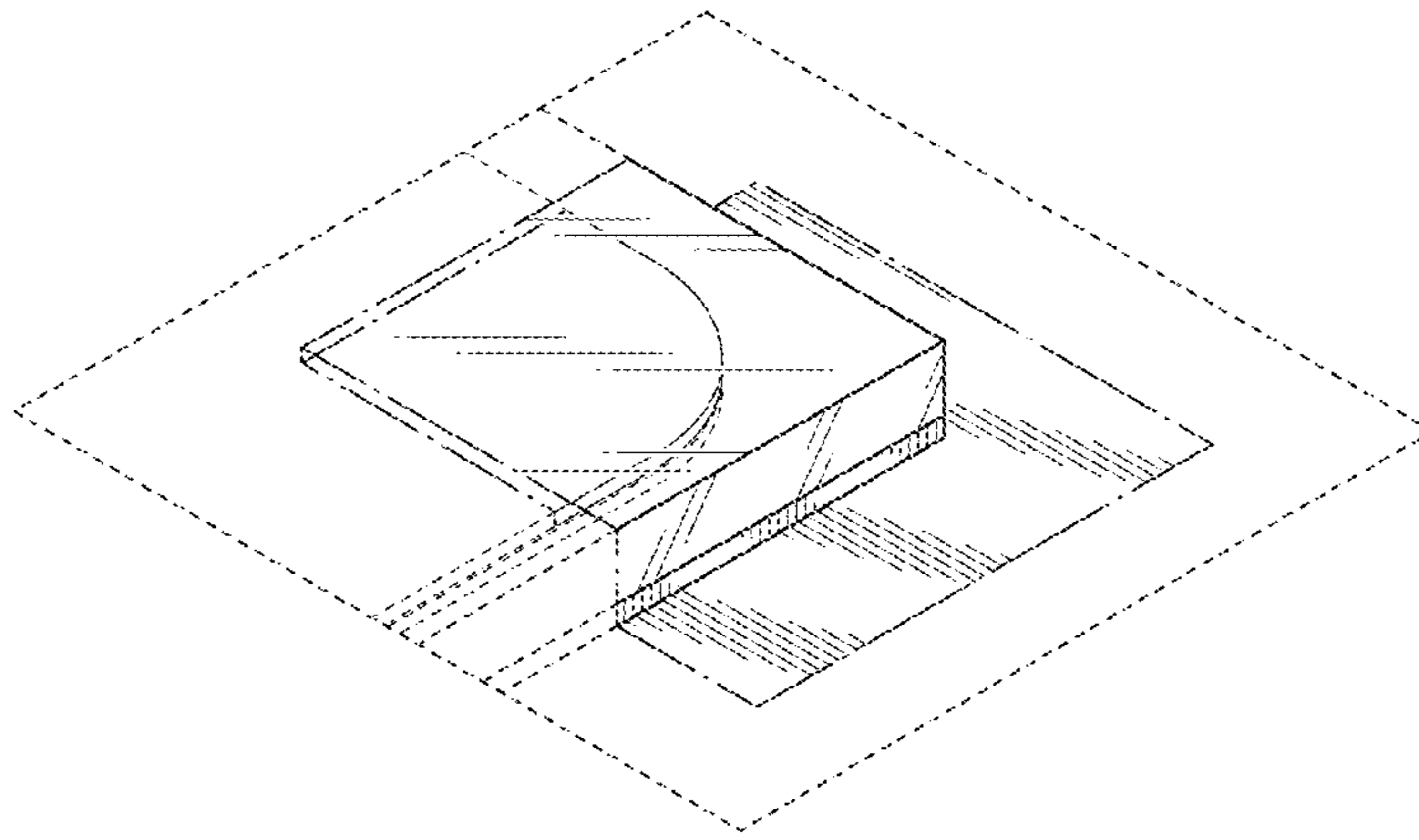


FIG. 10