



US00D416919S

United States Patent [19] Lei

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[45] Date of Patent: **** Nov. 23, 1999**

[54] **WORK HOLDING APPARATUS**

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[73] Assignee: **Delta International Machinery Corp.**,
Pittsburgh, Pa.

[**] Term: **14 Years**

[21] Appl. No.: **29/100,875**

[22] Filed: **Feb. 19, 1999**

[51] **LOC (6) Cl.** **15-09**

[52] **U.S. Cl.** **D15/140; D10/65**

[58] **Field of Search** **D10/65; D15/140;**
144/287, 286.1, 477.2

[56] **References Cited**

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Primary Examiner—Antoine Duval Davis
Attorney, Agent, or Firm—Kirkpatrick & Lockhart LLP

[57] **CLAIM**

The ornamental design for a work holding apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an embodiment of the work holding apparatus of the present invention, taken generally

from the front and to the left, and with two side members shown in a first position;

FIG. 2 is a second perspective view of the invention of FIG. 1, taken generally from the front and to the left, and with the two side members shown in a second position;

FIG. 3 is a third perspective view of the invention of FIG. 1, taken generally from the front and above, and with the two side members shown in the first position;

FIG. 4 is a fourth perspective view of the invention of FIG. 1, taken generally from the front and above, and with the two side members shown in the second position;

FIG. 5 is a top plan view of the invention of FIG. 1, with the two side members shown in the first position;

FIG. 6 is a top plan view of the invention of FIG. 1, with the two side members shown in the second position;

FIG. 7 is a front elevational view of the invention of FIG. 1, with the two side members shown in the first position;

FIG. 8 is a left side elevational view of the invention of FIG. 1, with the depicted side member shown in the first position;

FIG. 9 is a perspective view of another embodiment of the work holding apparatus of the present invention, taken generally from above and to the left, with the two side members shown in the first position;

FIG. 10 is a second perspective view of the invention of FIG. 9, taken generally from above and to the left, and with the two side members shown in the second position;

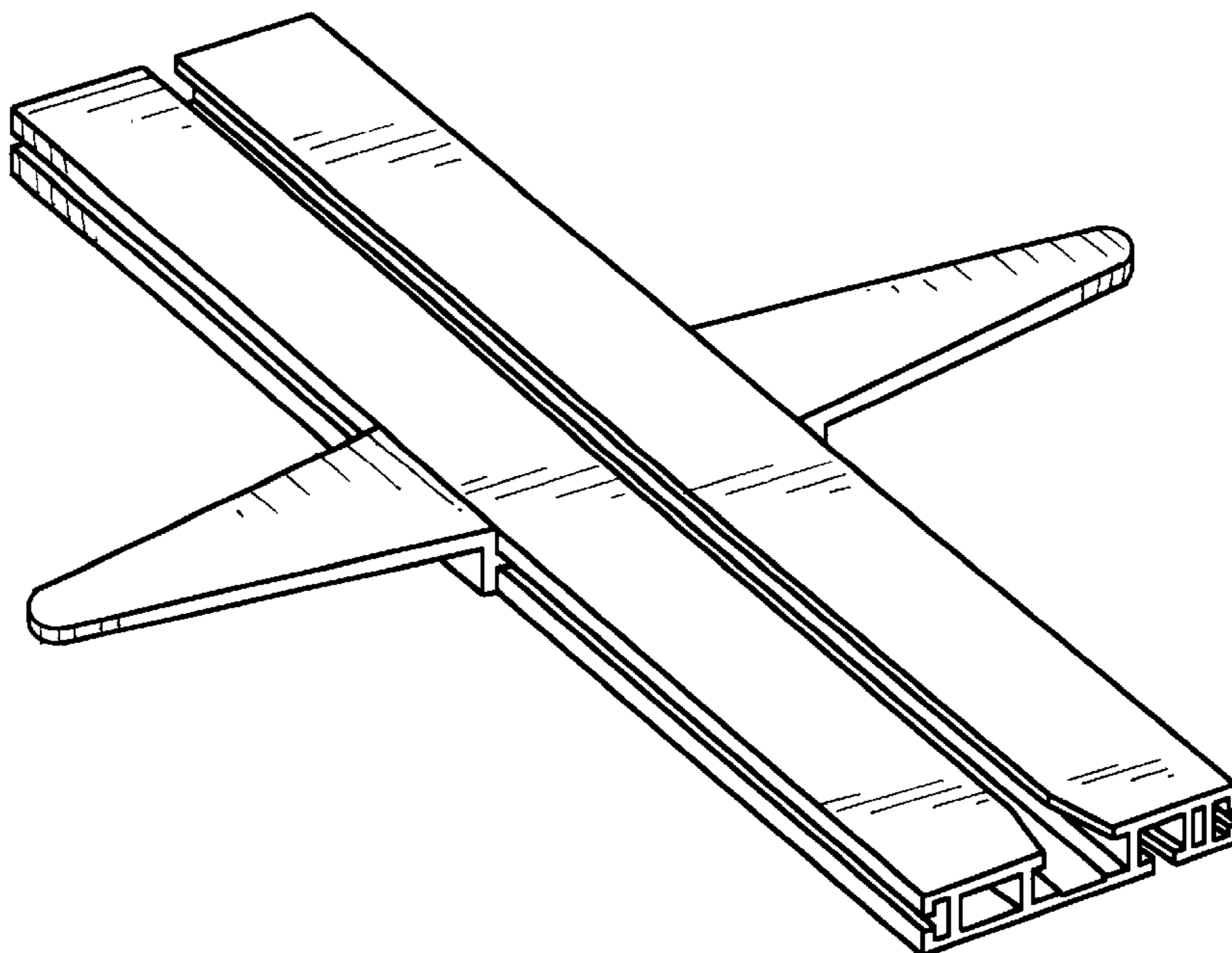
FIG. 11 is a top plan view of the invention of FIG. 9, with the two side members shown in the first position;

FIG. 12 is a top plan view of the invention of FIG. 9, with the two side members shown in the second position;

FIG. 13 is a front elevational view of the invention of FIG. 9, with the two side members shown in the first position; and,

FIG. 14 is a left side elevational view of the invention of FIG. 9, with the illustrated side member in the first position.

1 Claim, 10 Drawing Sheets



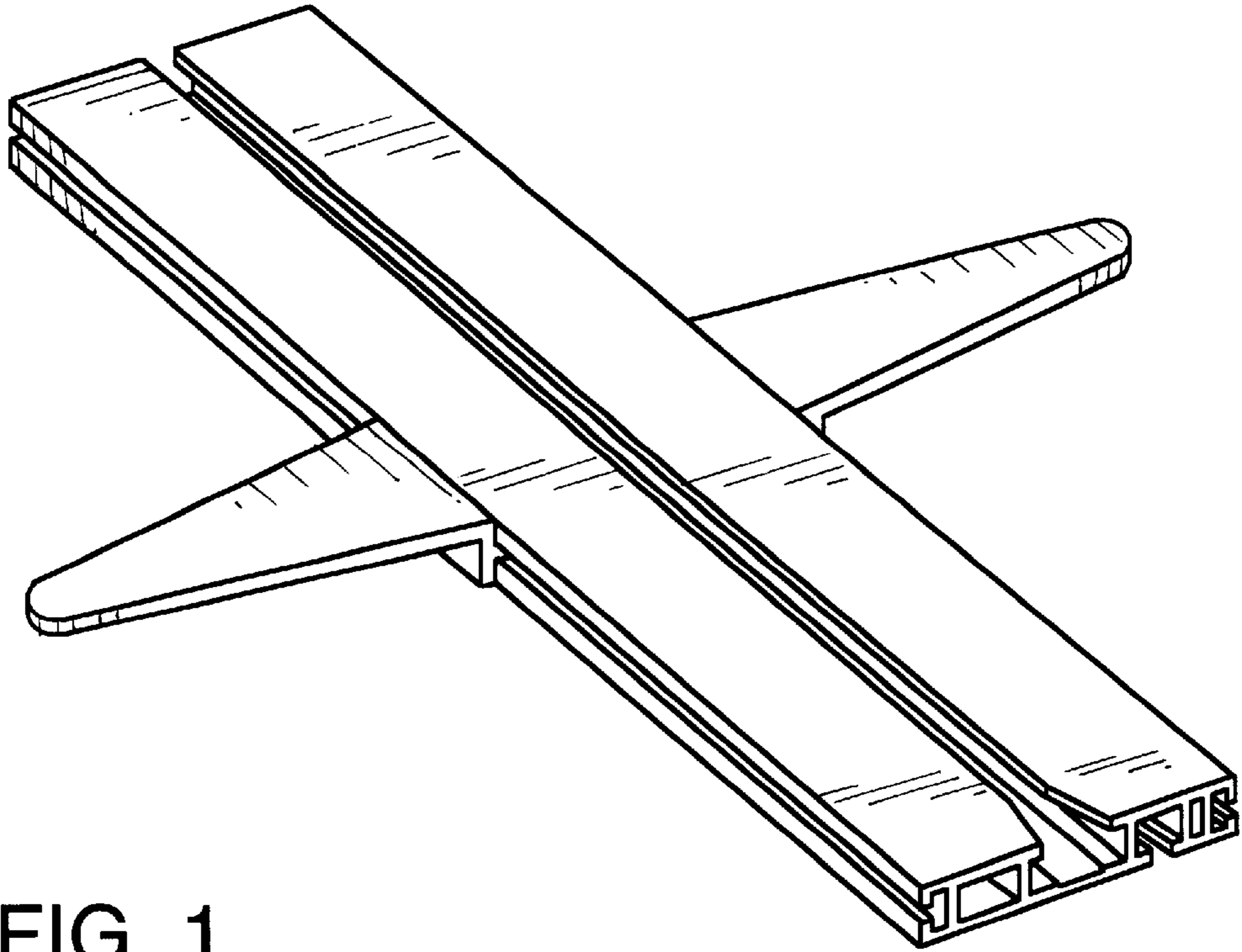


FIG. 1

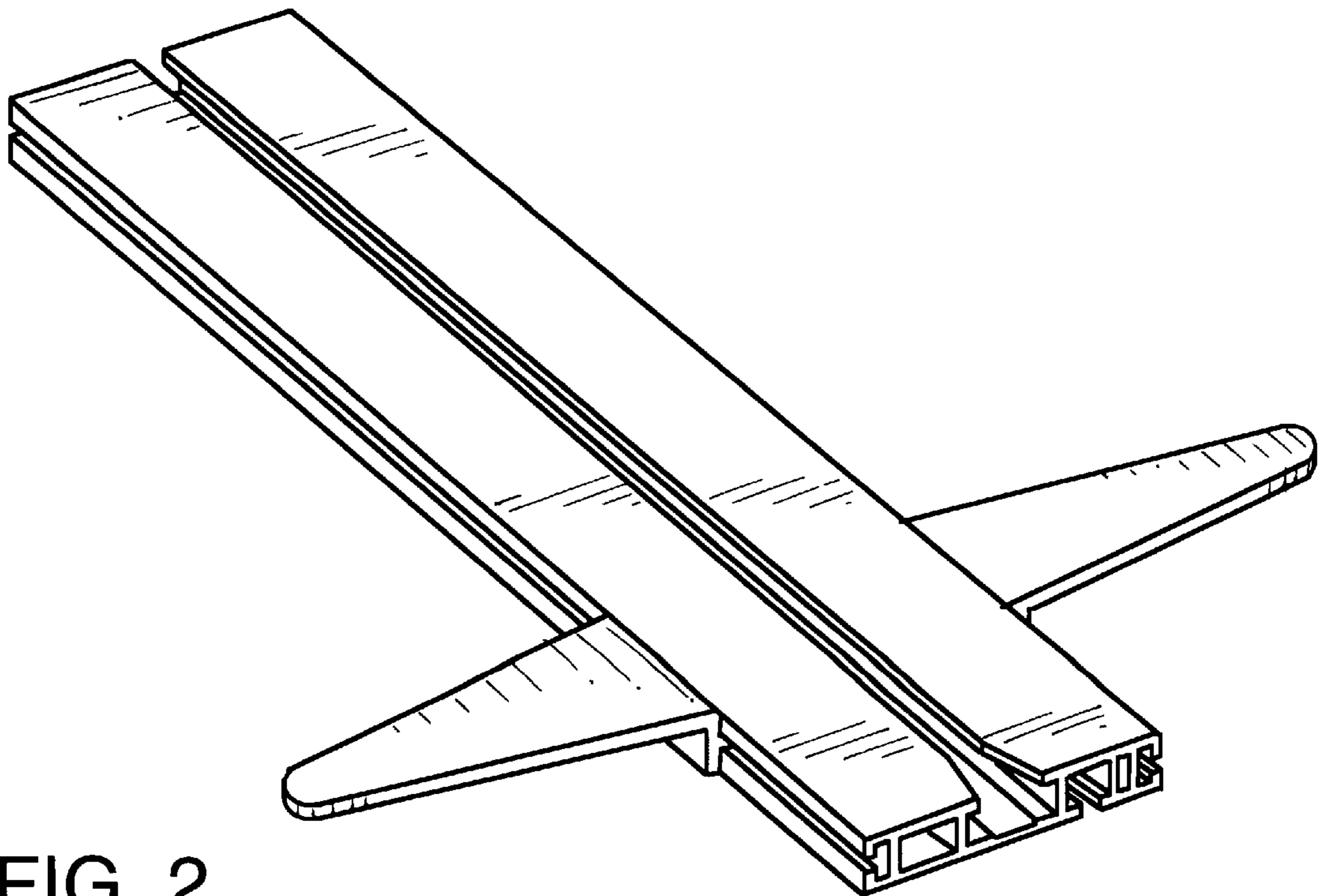


FIG. 2

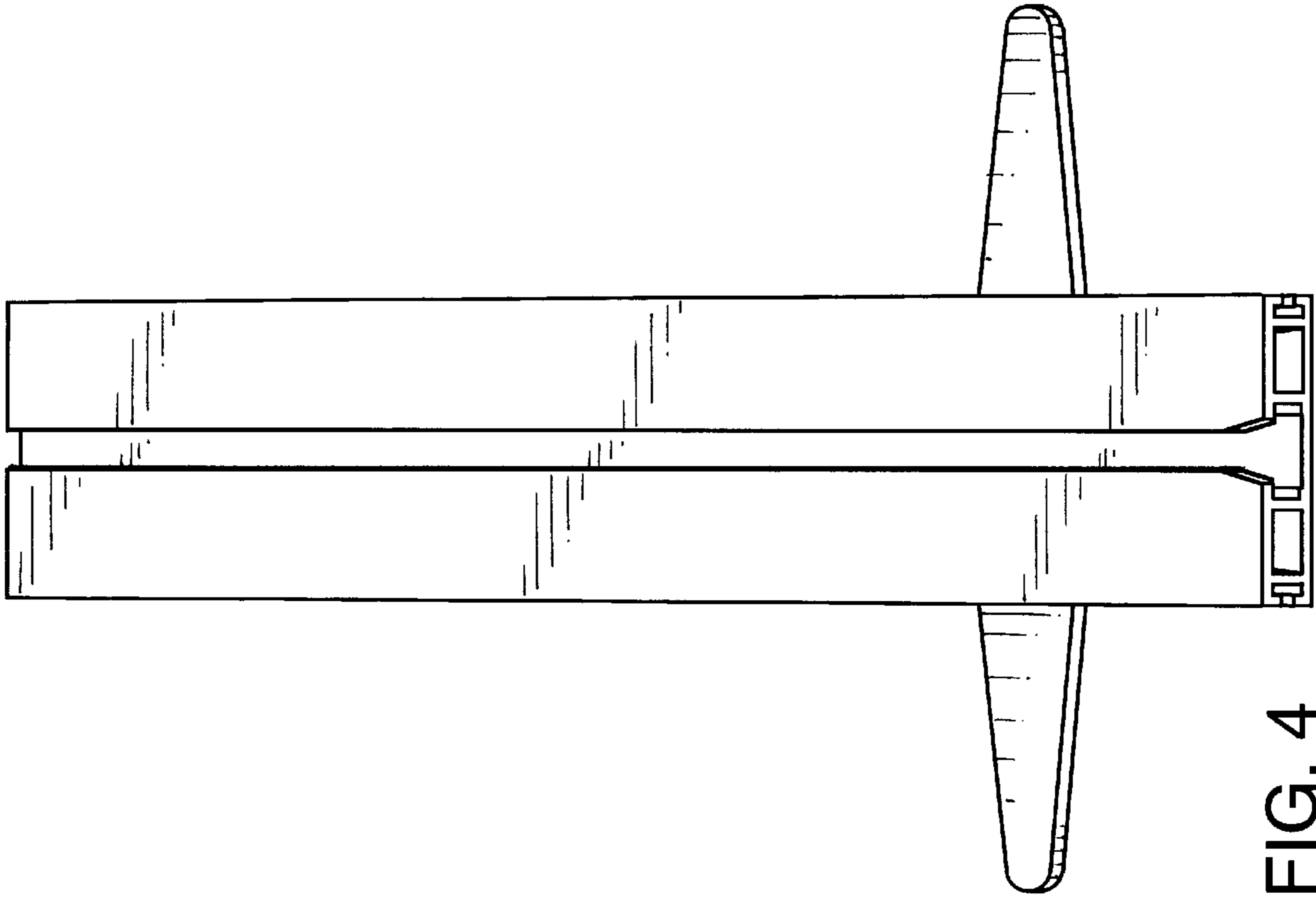


FIG. 4

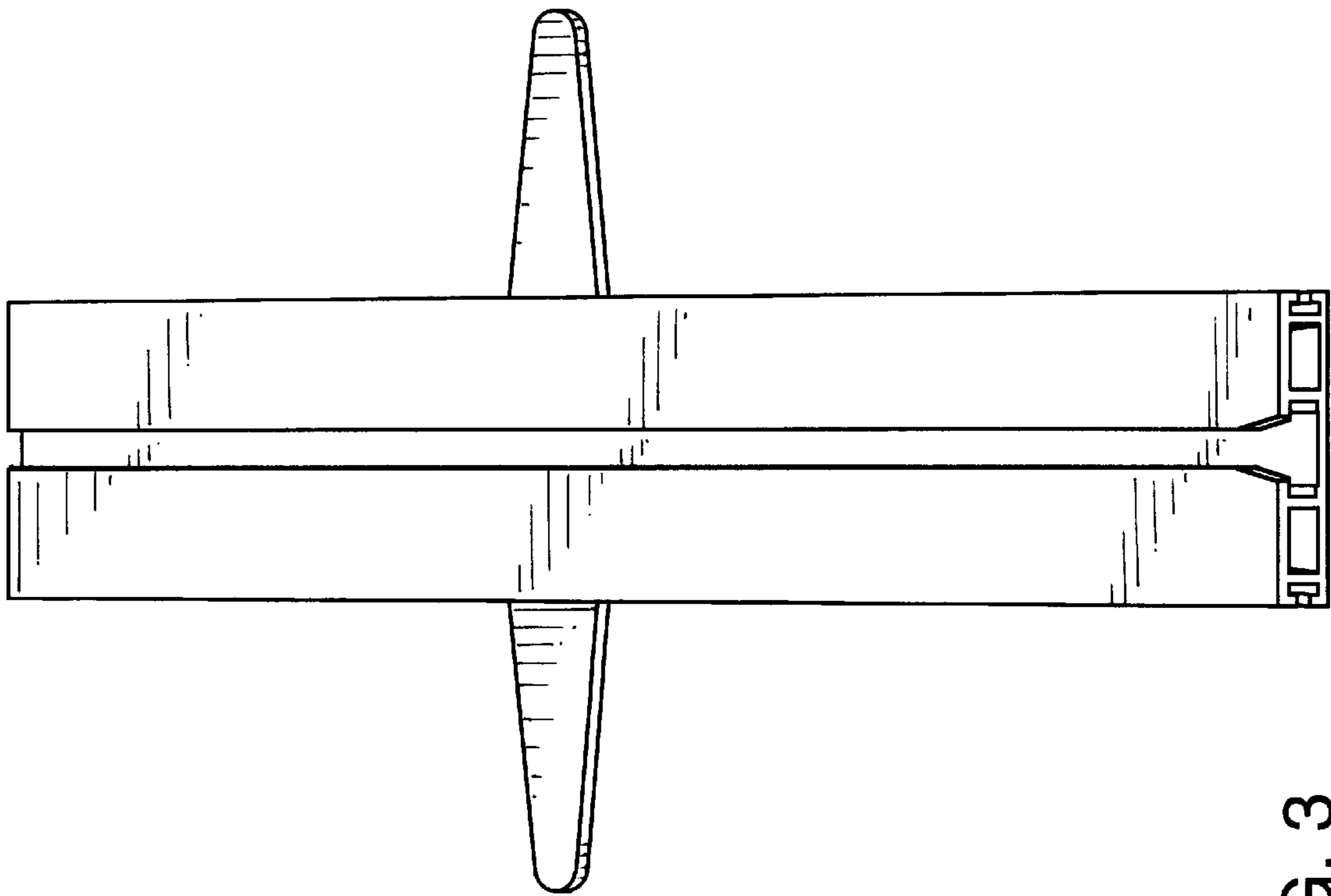


FIG. 3

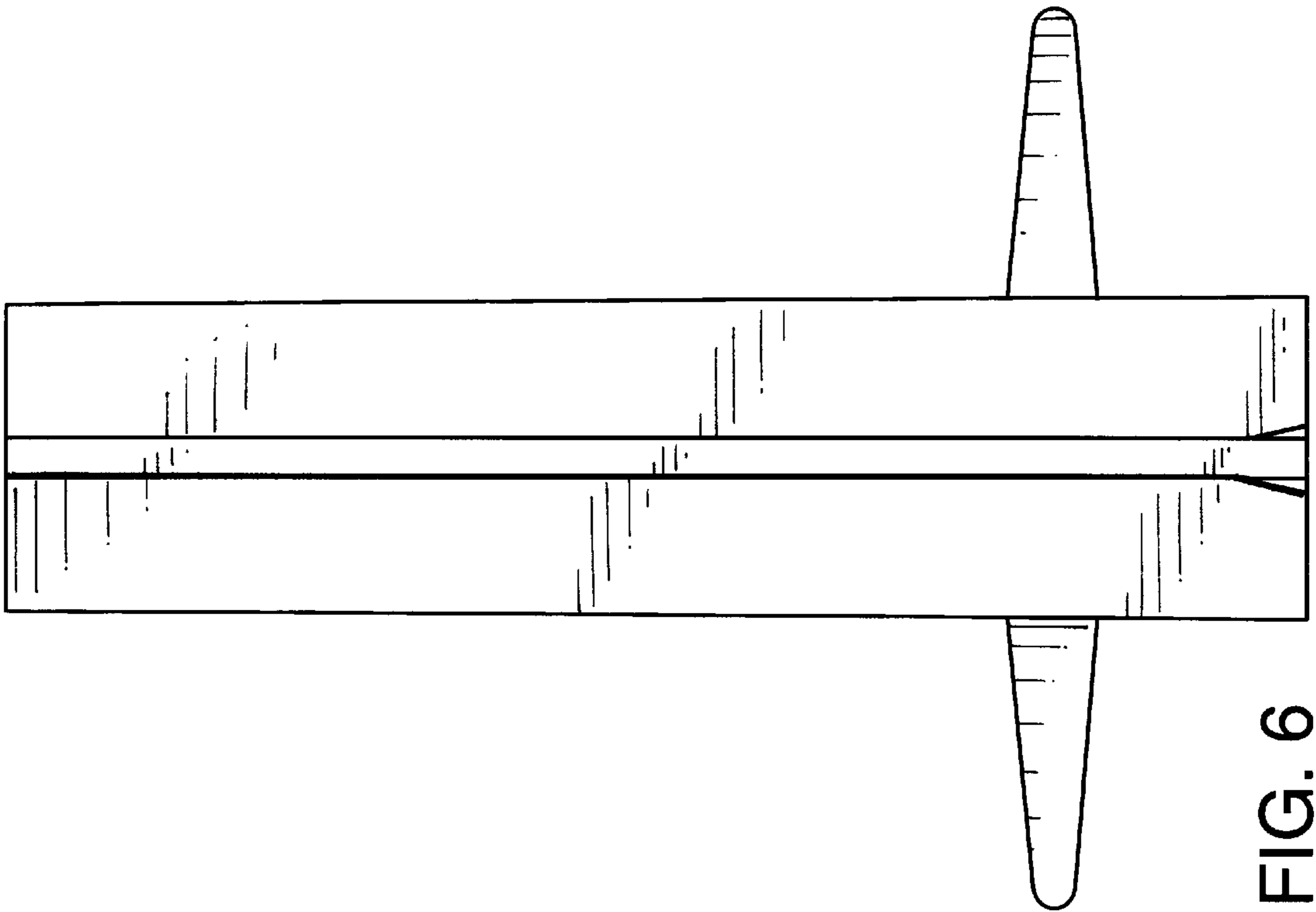


FIG. 6

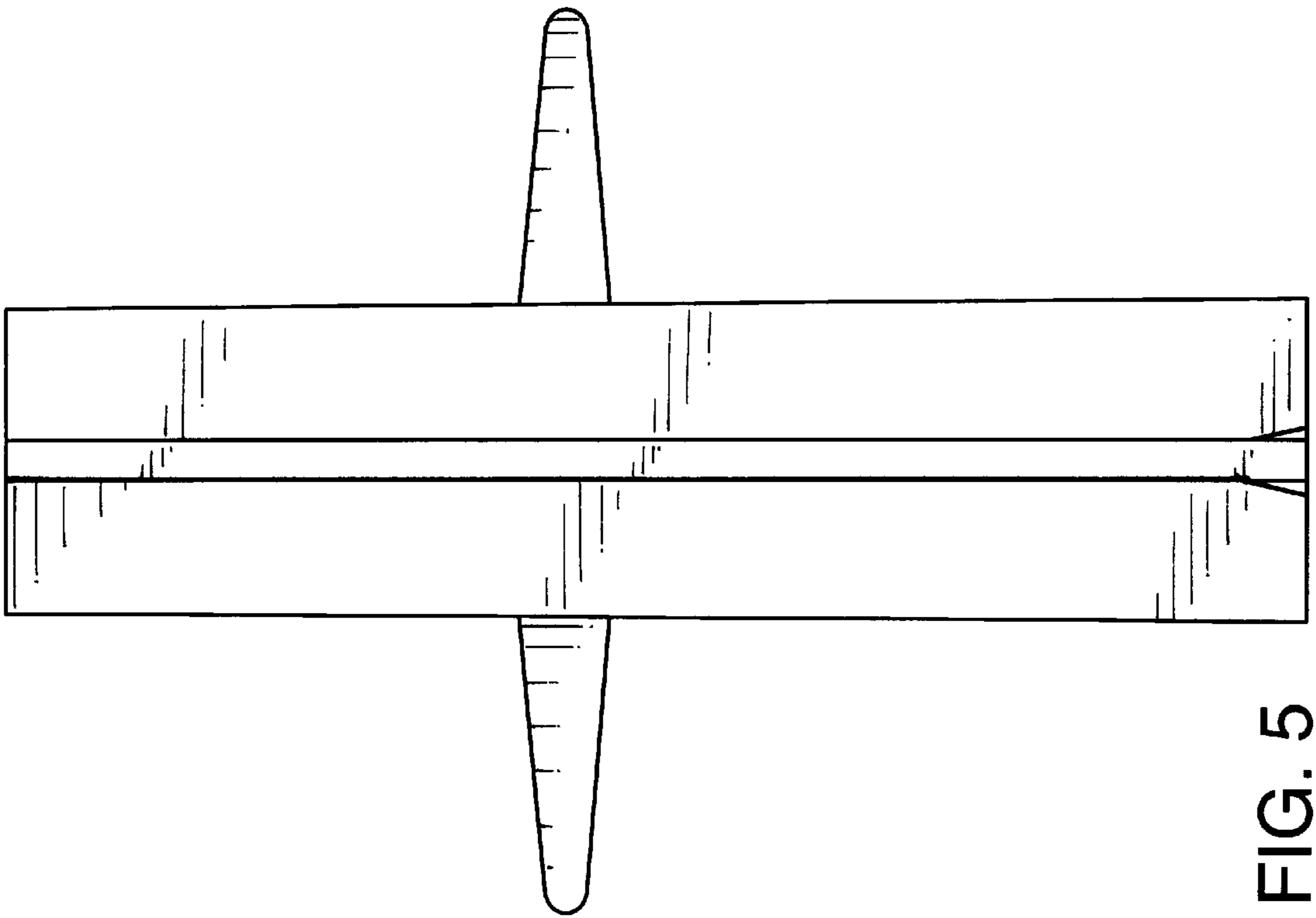


FIG. 5



FIG. 7

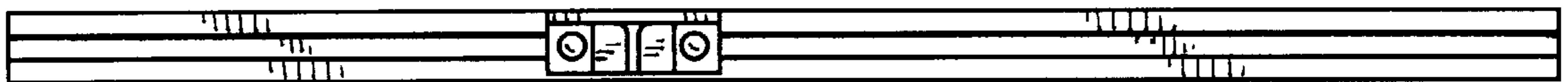


FIG. 8

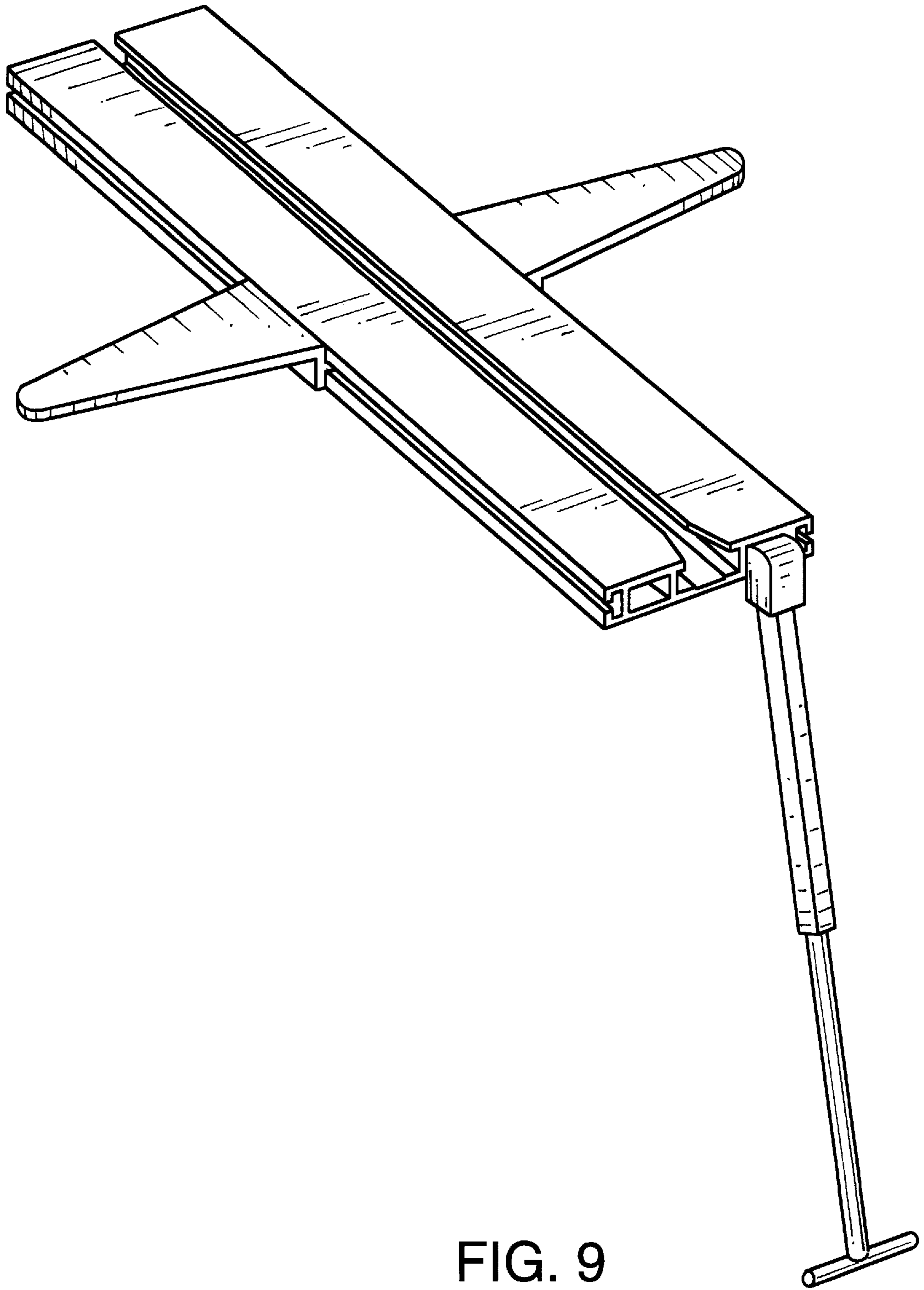


FIG. 9

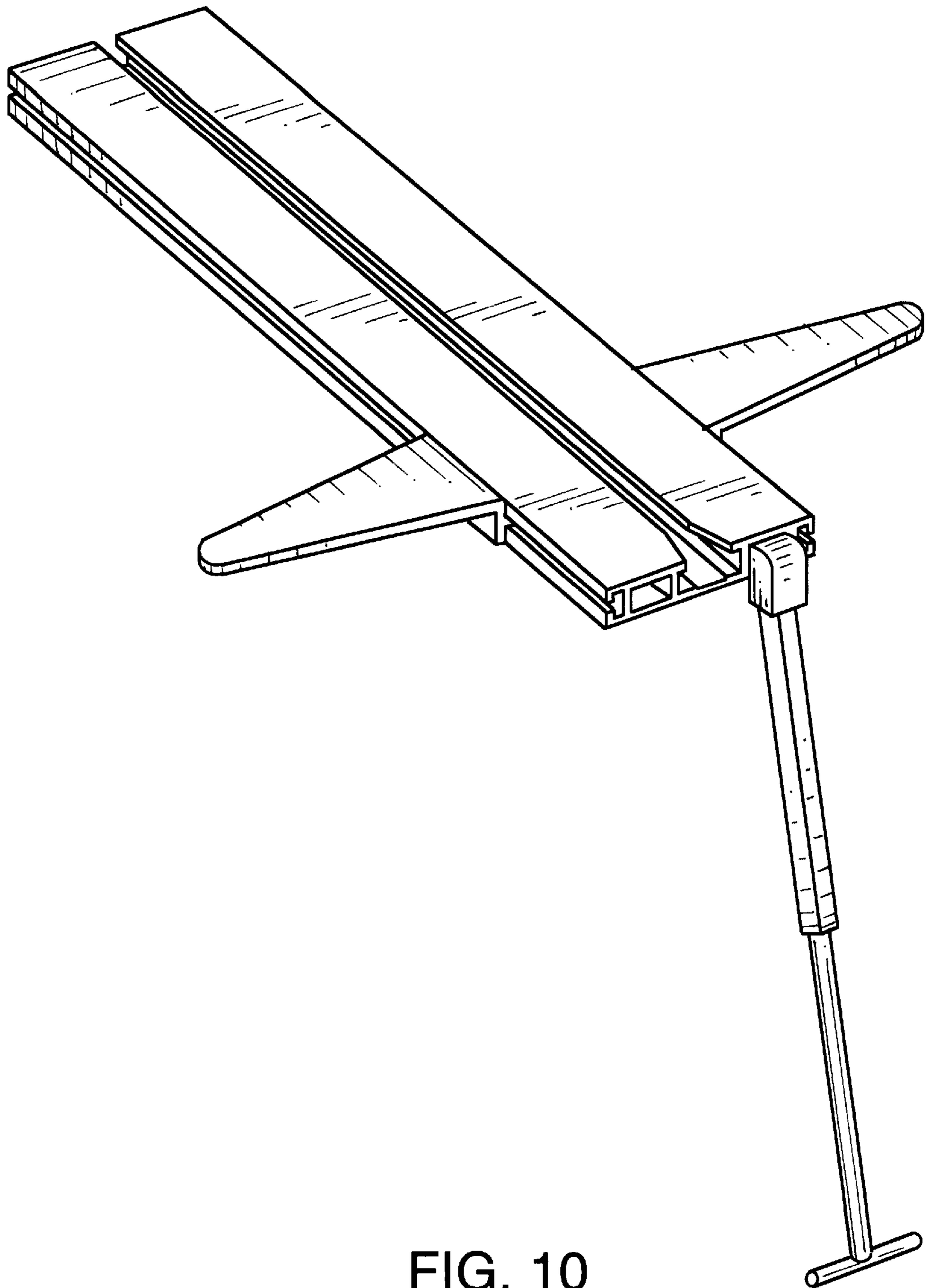


FIG. 10

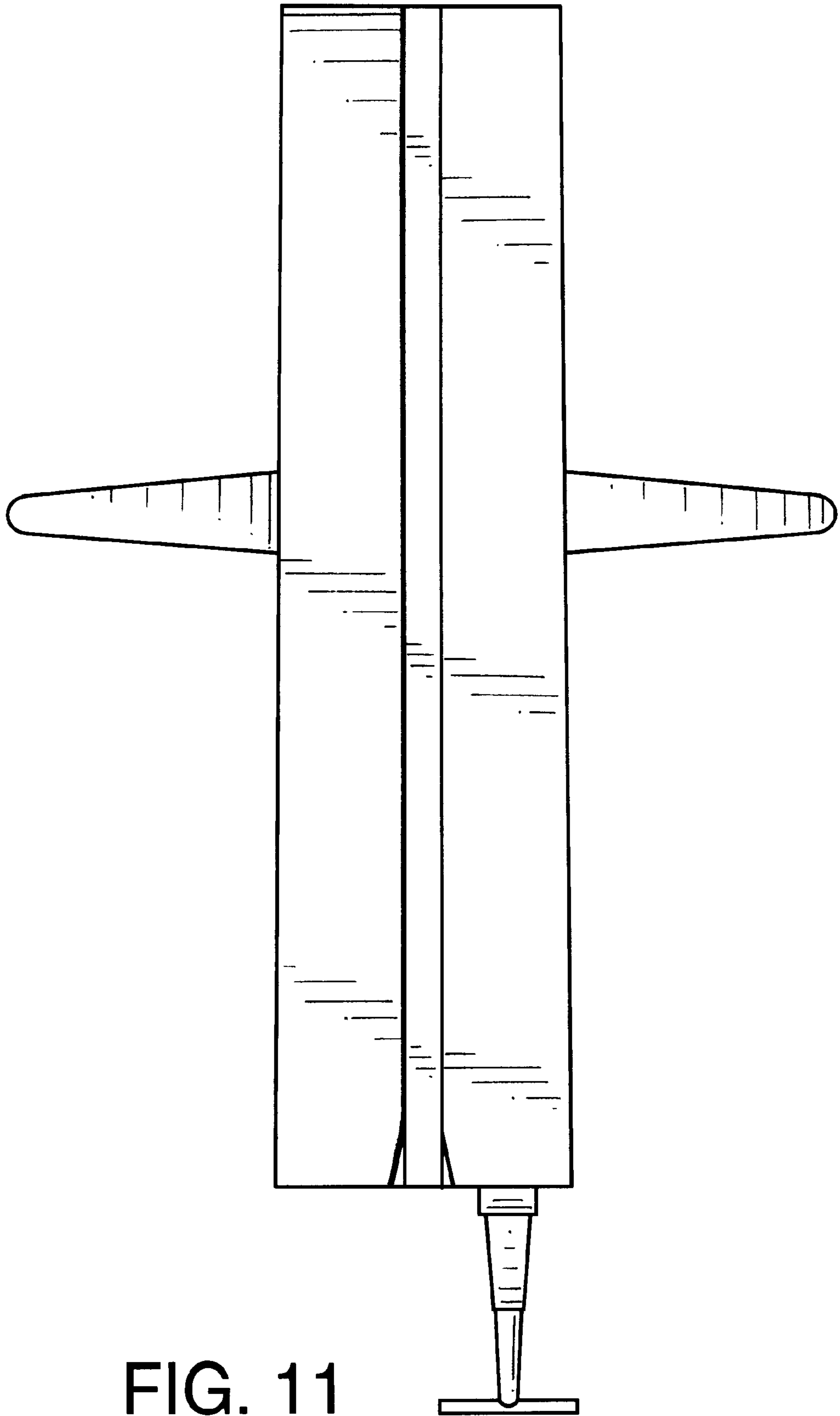


FIG. 11

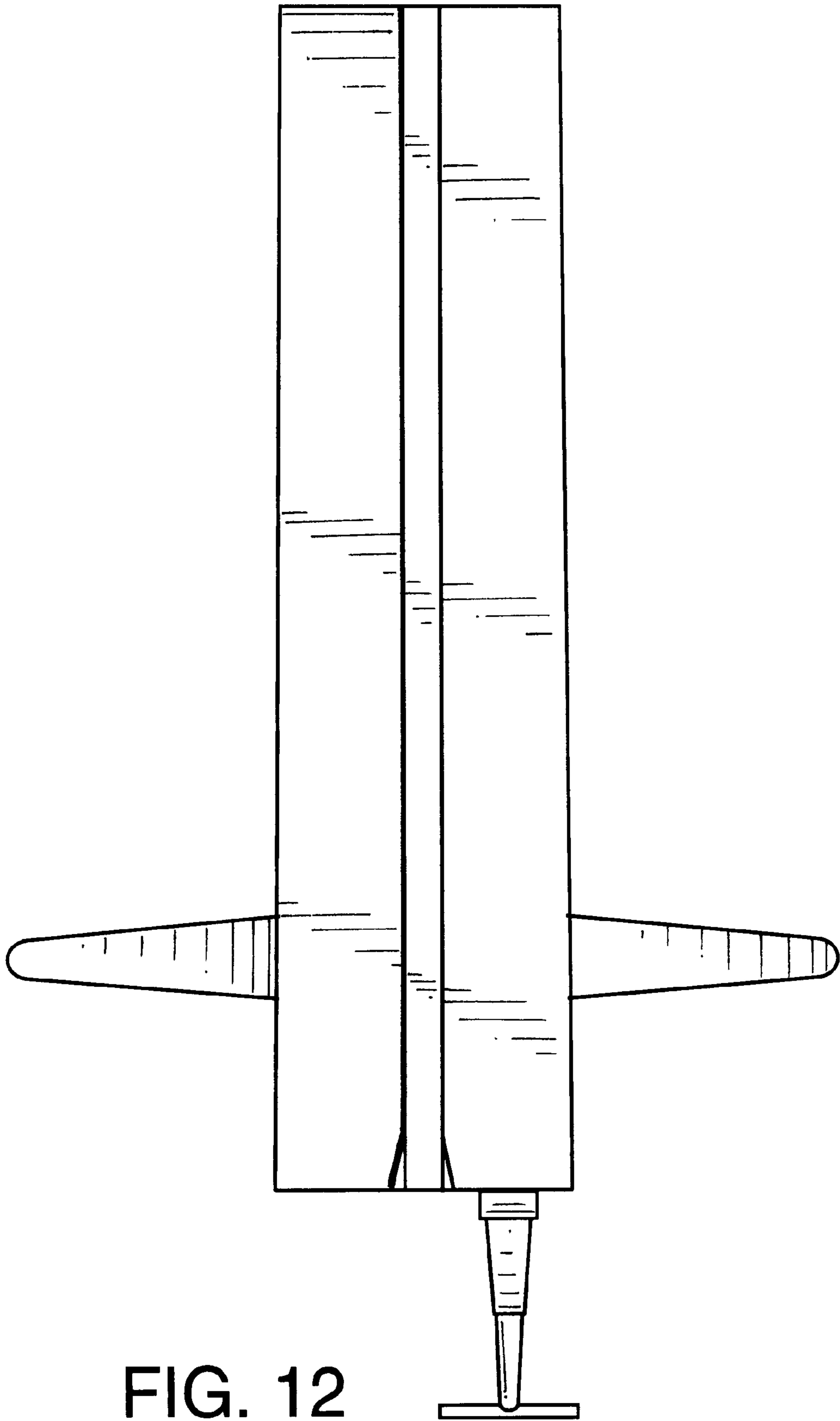


FIG. 12

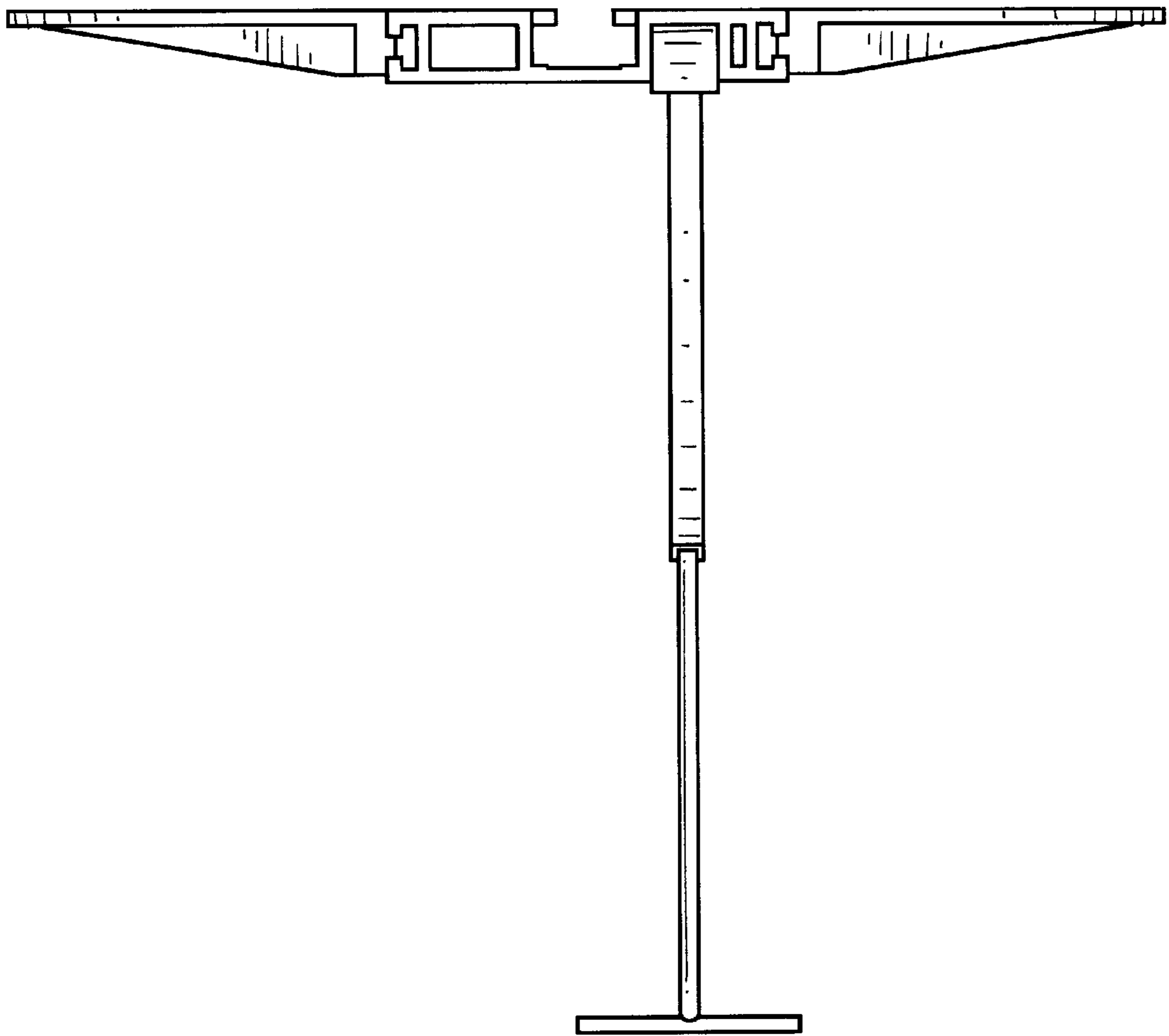


FIG. 13

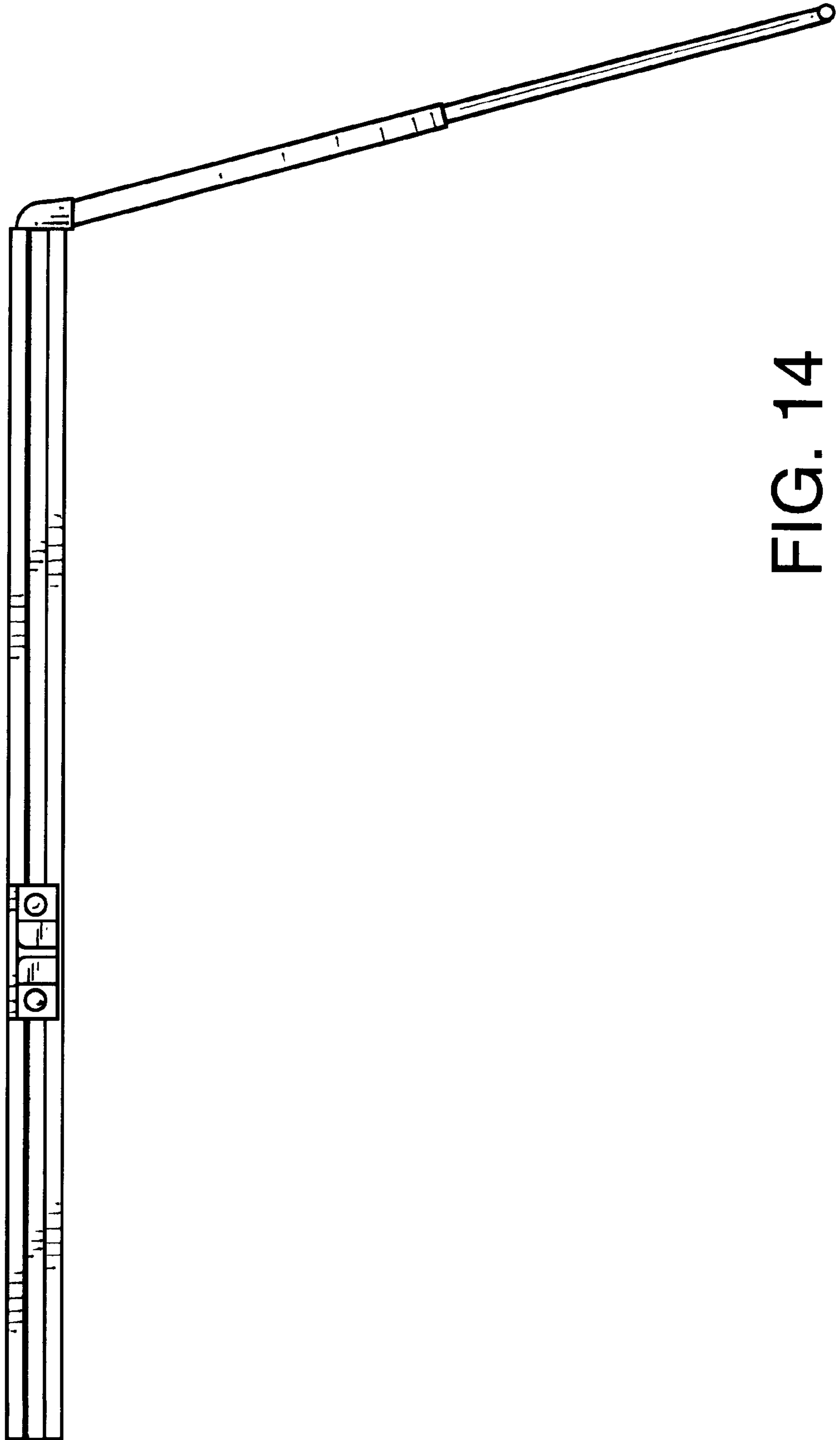


FIG. 14