



US00D651156S

(12) **United States Design Patent**
Gundlach

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(45) **Date of Patent:** **** Dec. 27, 2011**

(54) **UNMANNED AIR-LAUNCHED CARGO GLIDER**

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(73) Assignee: **Aurora Flight Sciences Corporation**, Manassas, VA (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/358,739**

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(51) **LOC (9) Cl.** **12-07**

(52) **U.S. Cl.** **D12/319**

(58) **Field of Classification Search** D12/319,
D12/321, 333; 446/34, 61-63, 487-490;
244/153 R, 153 A, 154, 155 R, 155 A, 900-904;
D21/436, 445-450

See application file for complete search history.

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(57) **CLAIM**

The ornamental design for an unmanned air-launched cargo glider, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of an unmanned air-launched cargo glider in accordance with the present invention. In this embodiment, the glider is shown in a flight configuration.

FIG. 2 is a bottom perspective view thereof.

FIG. 3 is a top perspective view thereof.

FIG. 4 is a front view thereof.

FIG. 5 is a side view thereof.

FIG. 6 is a top view thereof.

FIG. 7 is a perspective view of a right hinged wing of FIG. 1, shown separately for clarity.

FIG. 8 is a perspective view of a nose portion of FIG. 1, shown separately for clarity.

FIG. 9 is a perspective view of a continuous spar of the inboard portions of both wings of an unmanned air-launched cargo glider in accordance with the FIG. 1 embodiment.

FIG. 10 is a perspective view of a cargo bay portion of an unmanned air-launched cargo glider in accordance with the FIG. 1 embodiment.

FIG. 11 is a perspective view of a left hinged wing of an unmanned air-launched cargo glider in accordance with the FIG. 1 embodiment.

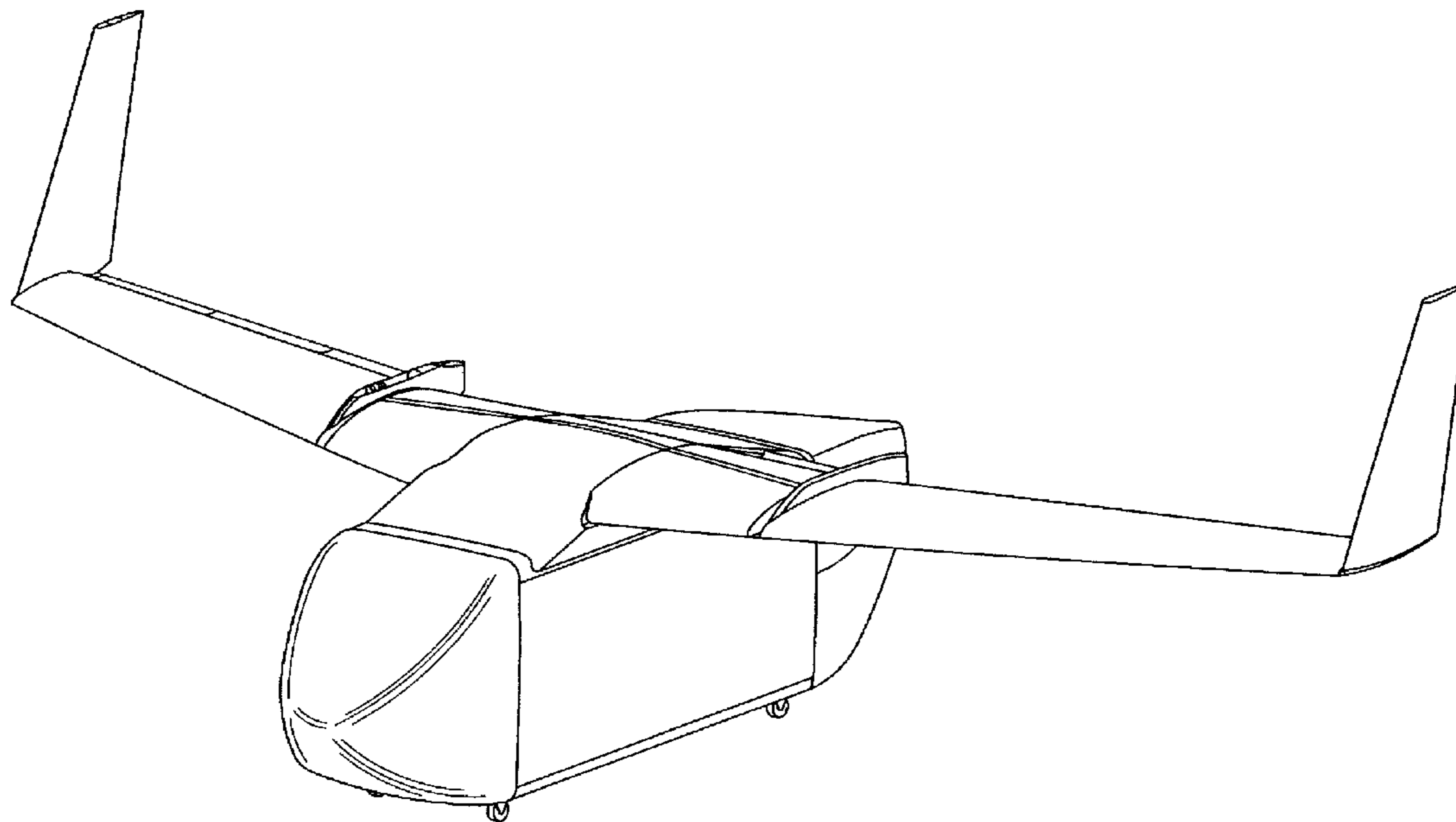
FIG. 12 is a perspective view of a tail portion of an unmanned air-launched cargo glider in accordance with the FIG. 1 embodiment.

FIG. 13 is a front perspective view of the glider of FIG. 1, shown in a partially unfolded configuration; and,

FIG. 14 is a front perspective view of the glider of FIG. 1, shown in a fully folded and storable configuration.

The broken line showing of portions of the unmanned air launched cargo glider form no part of the claimed design.

1 Claim, 14 Drawing Sheets



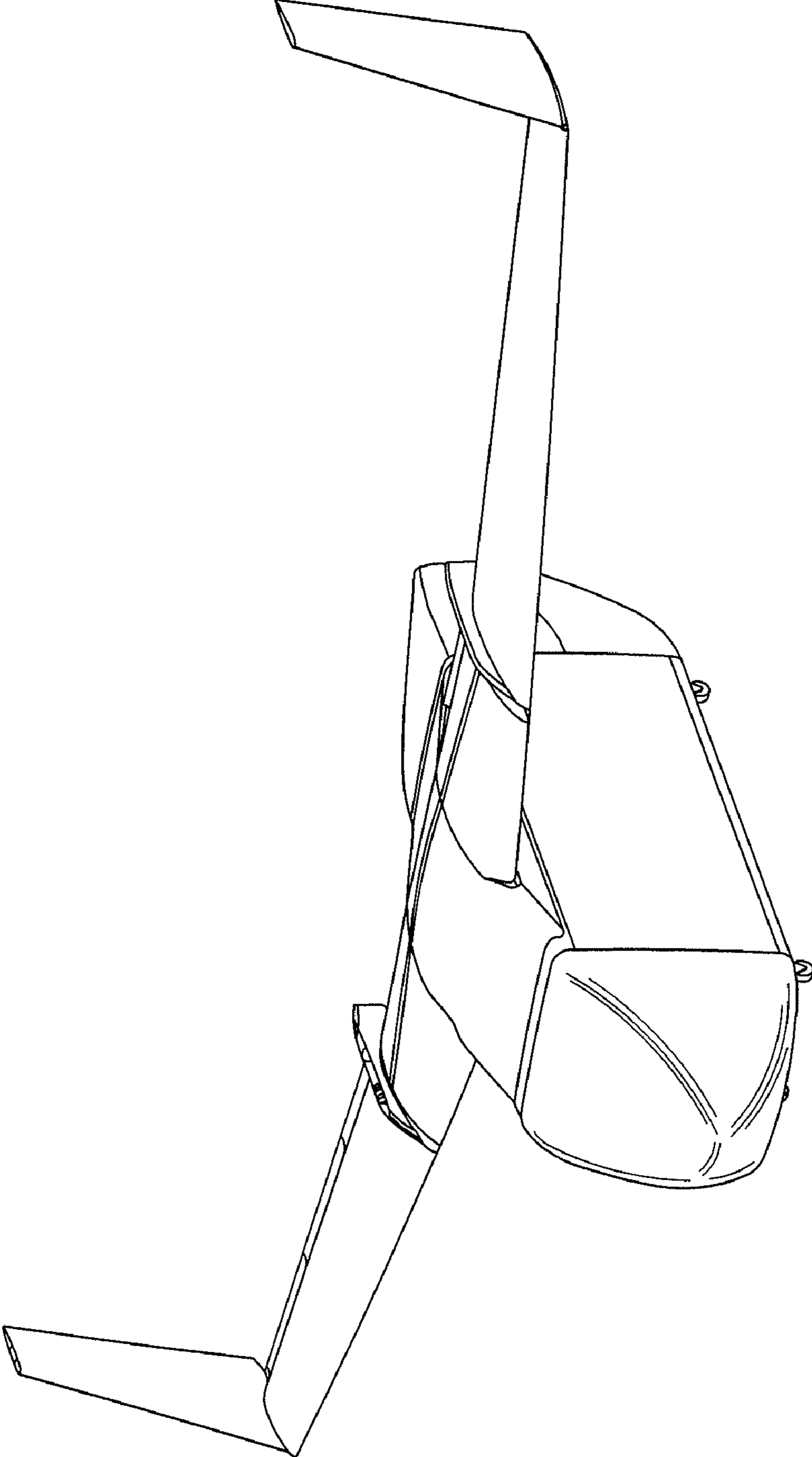


FIG. 1

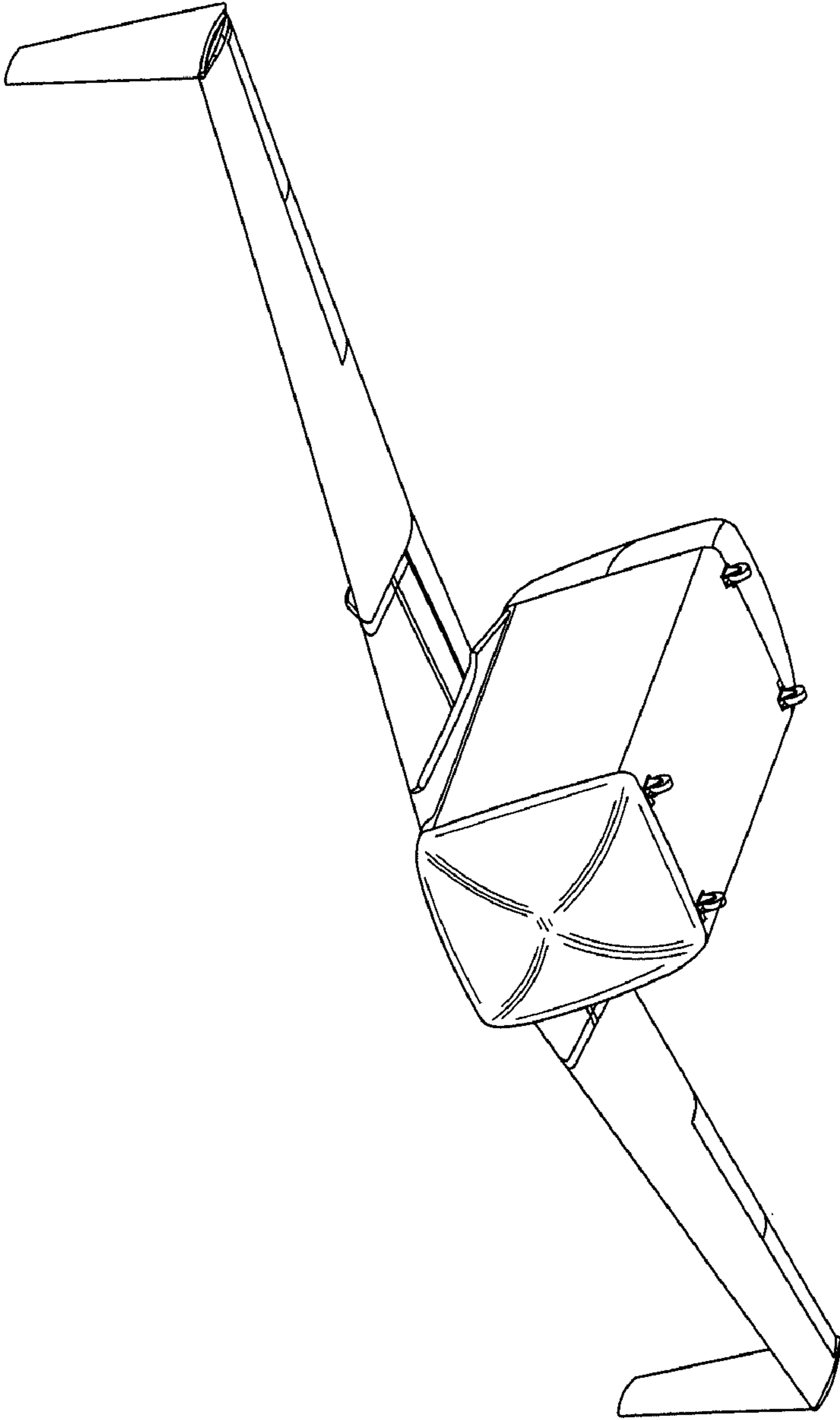


FIG. 2

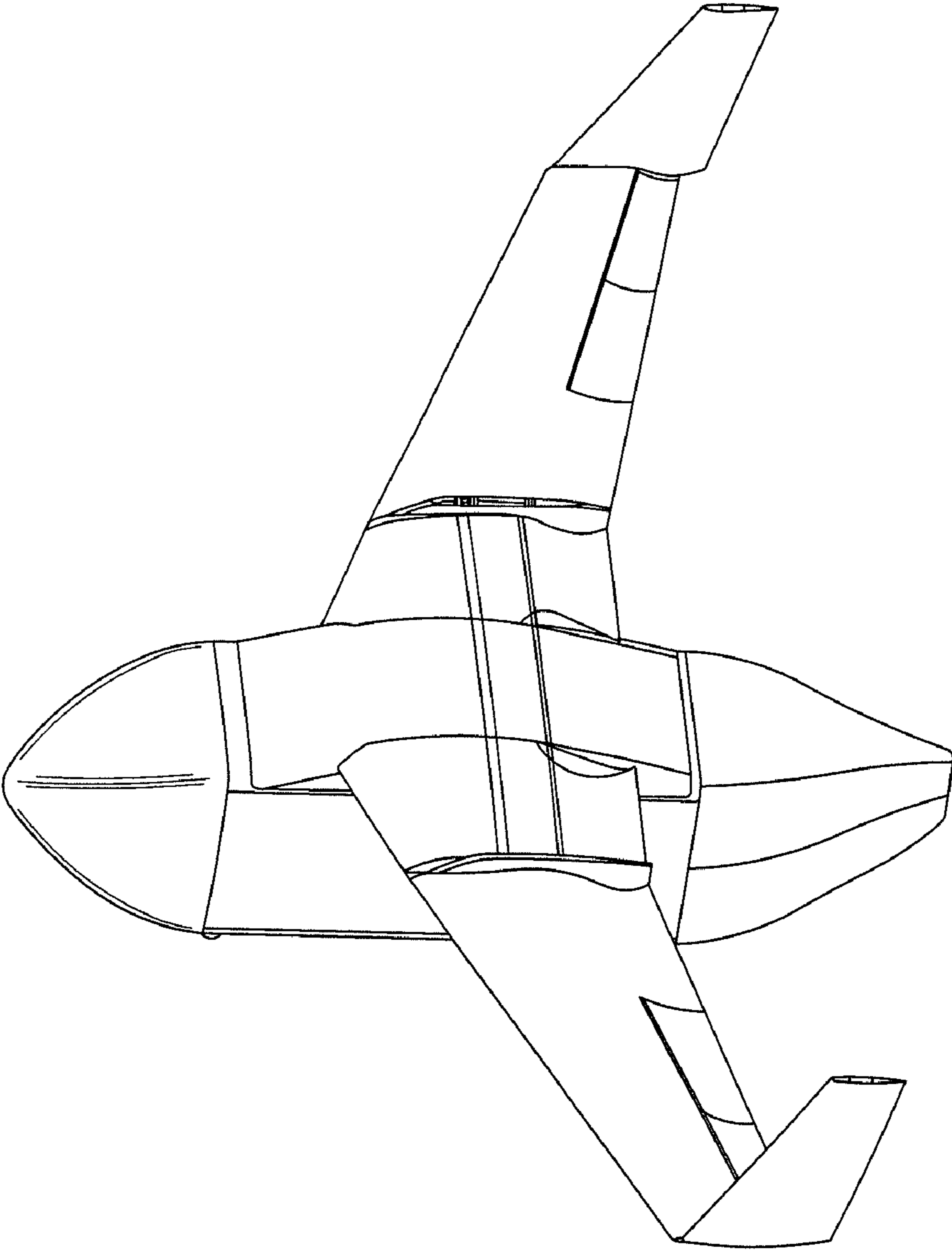


FIG. 3

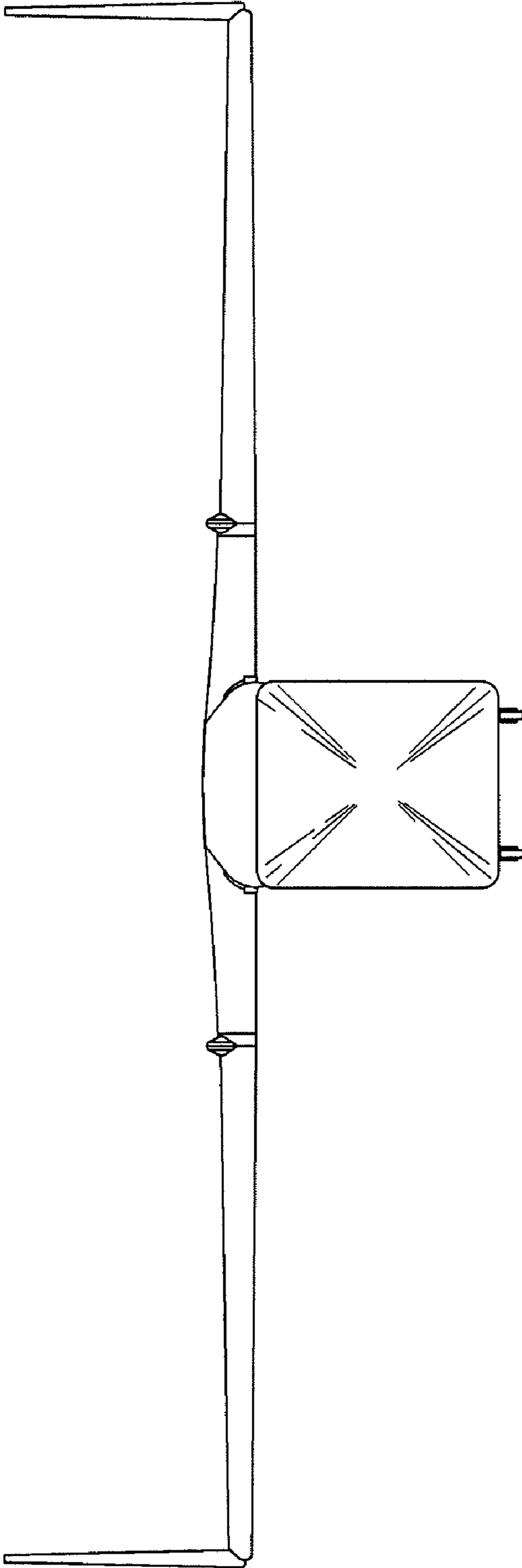


FIG. 4

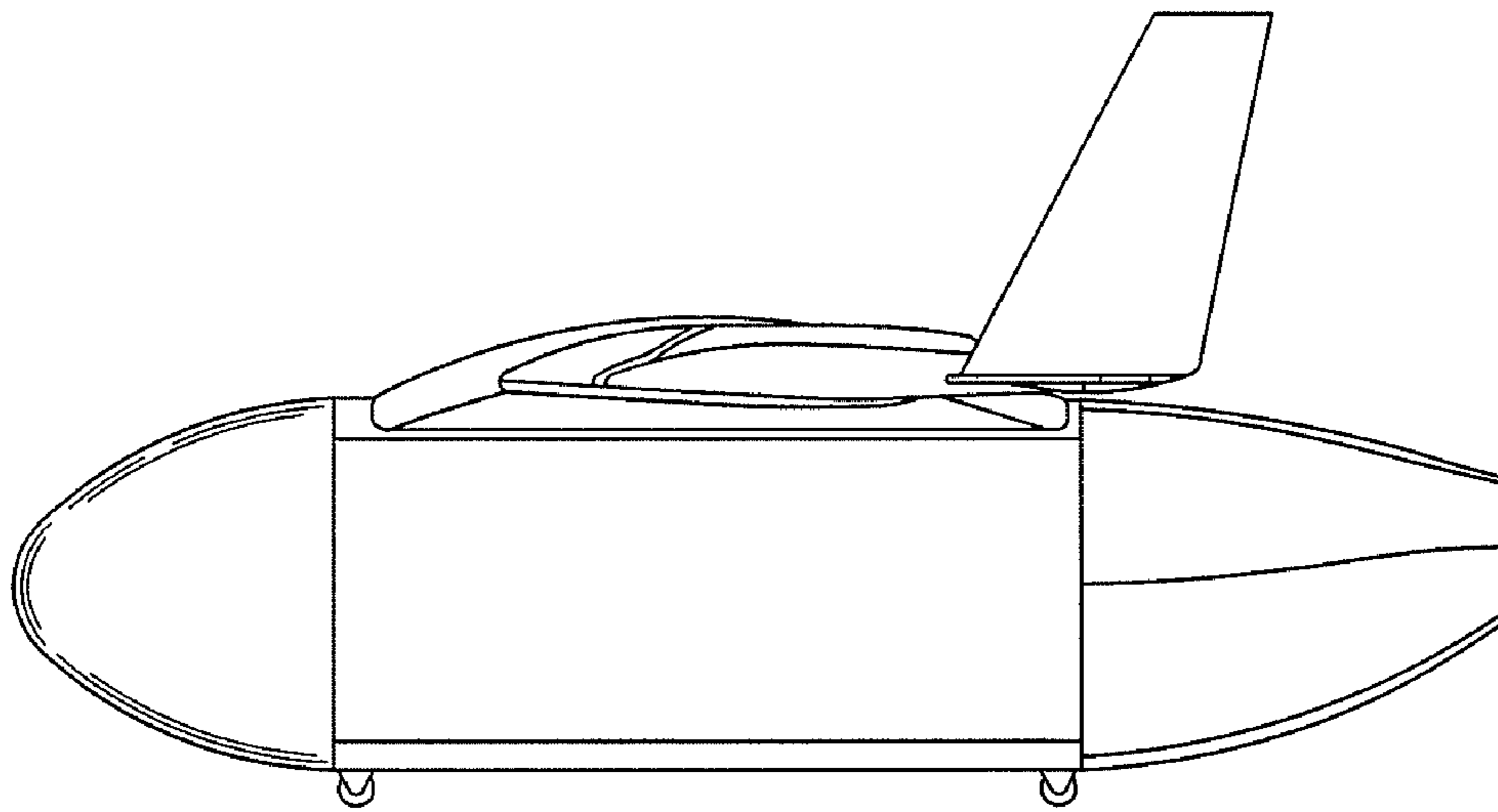


FIG. 5

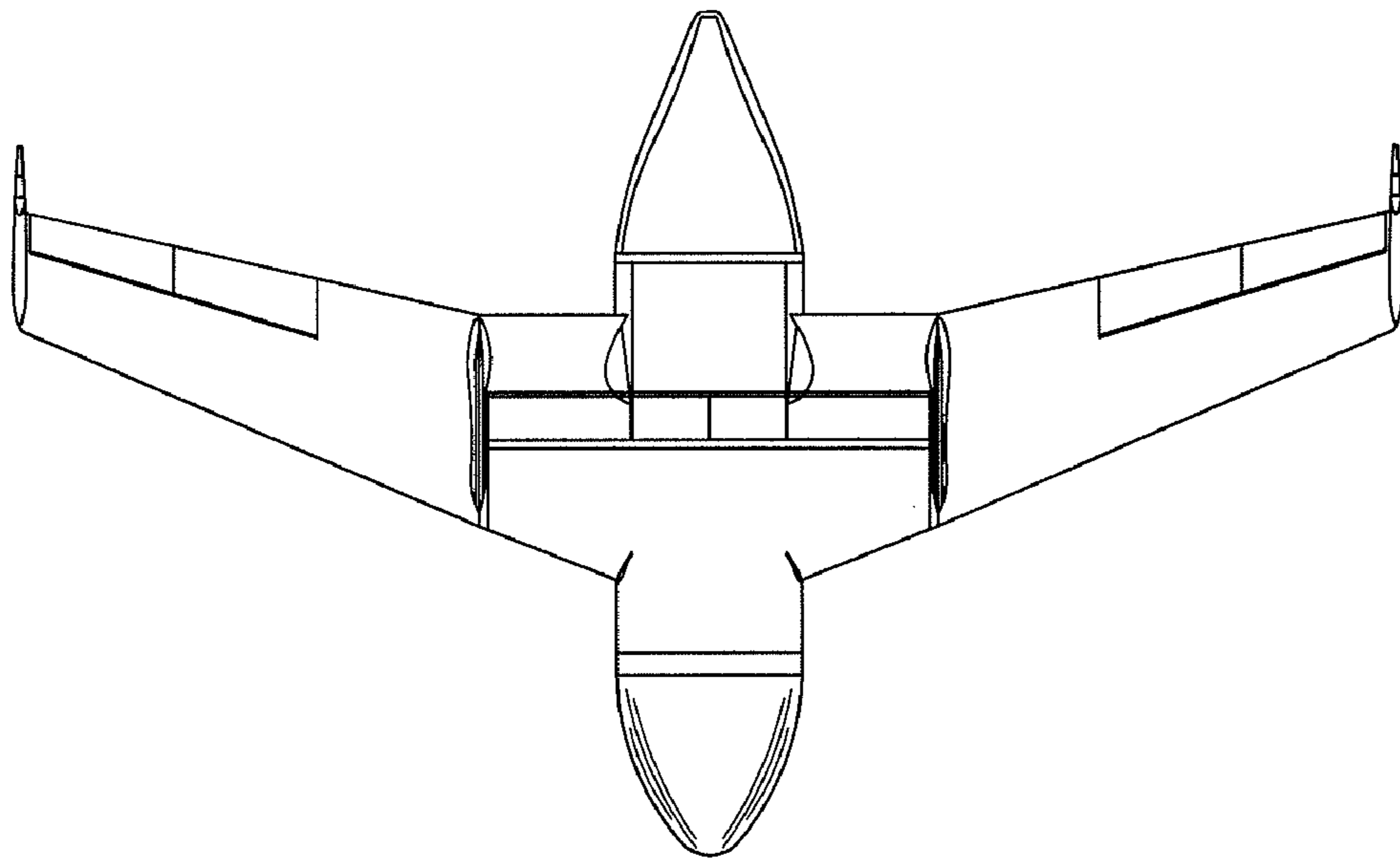


FIG. 6

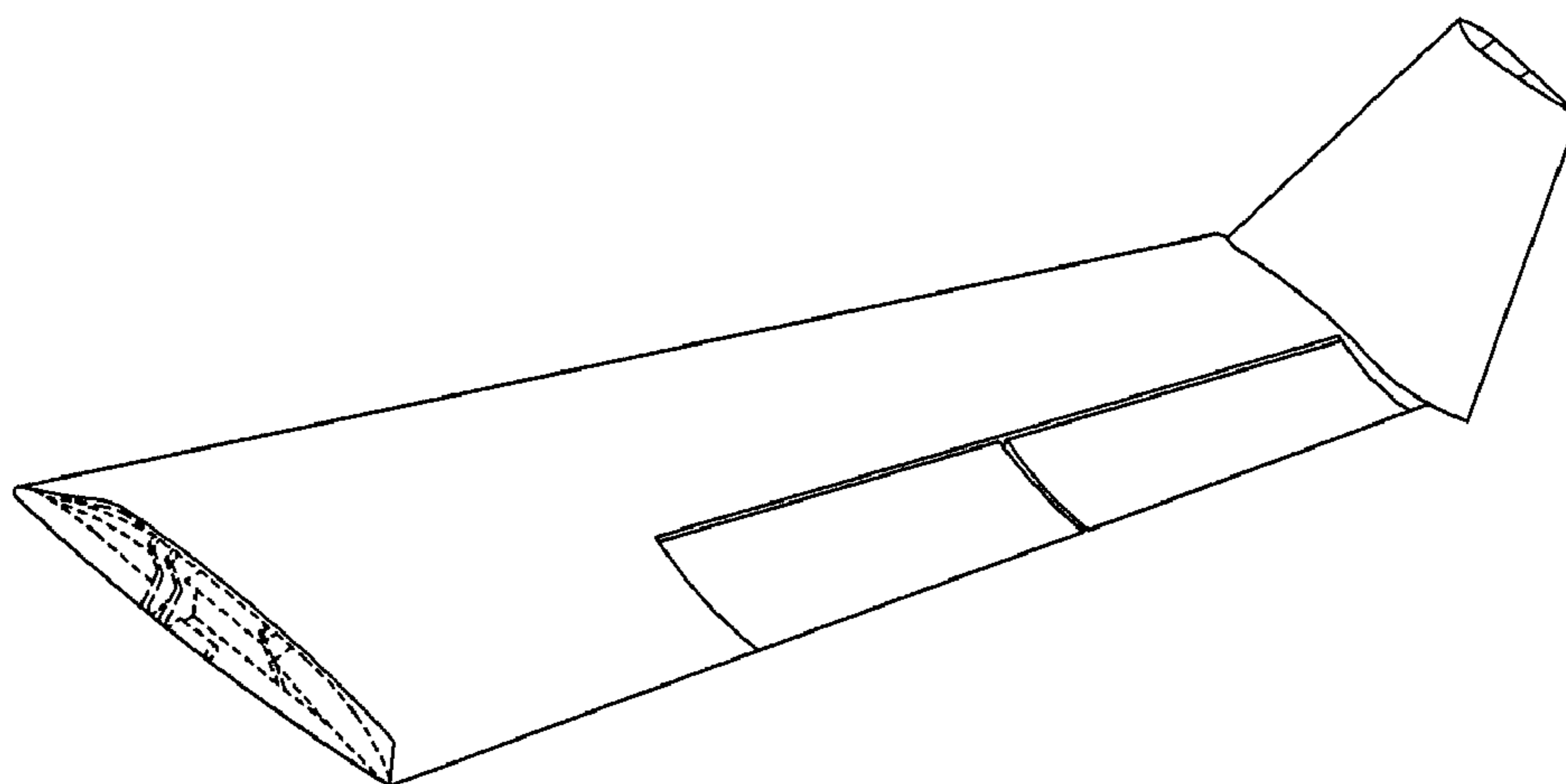


FIG. 7

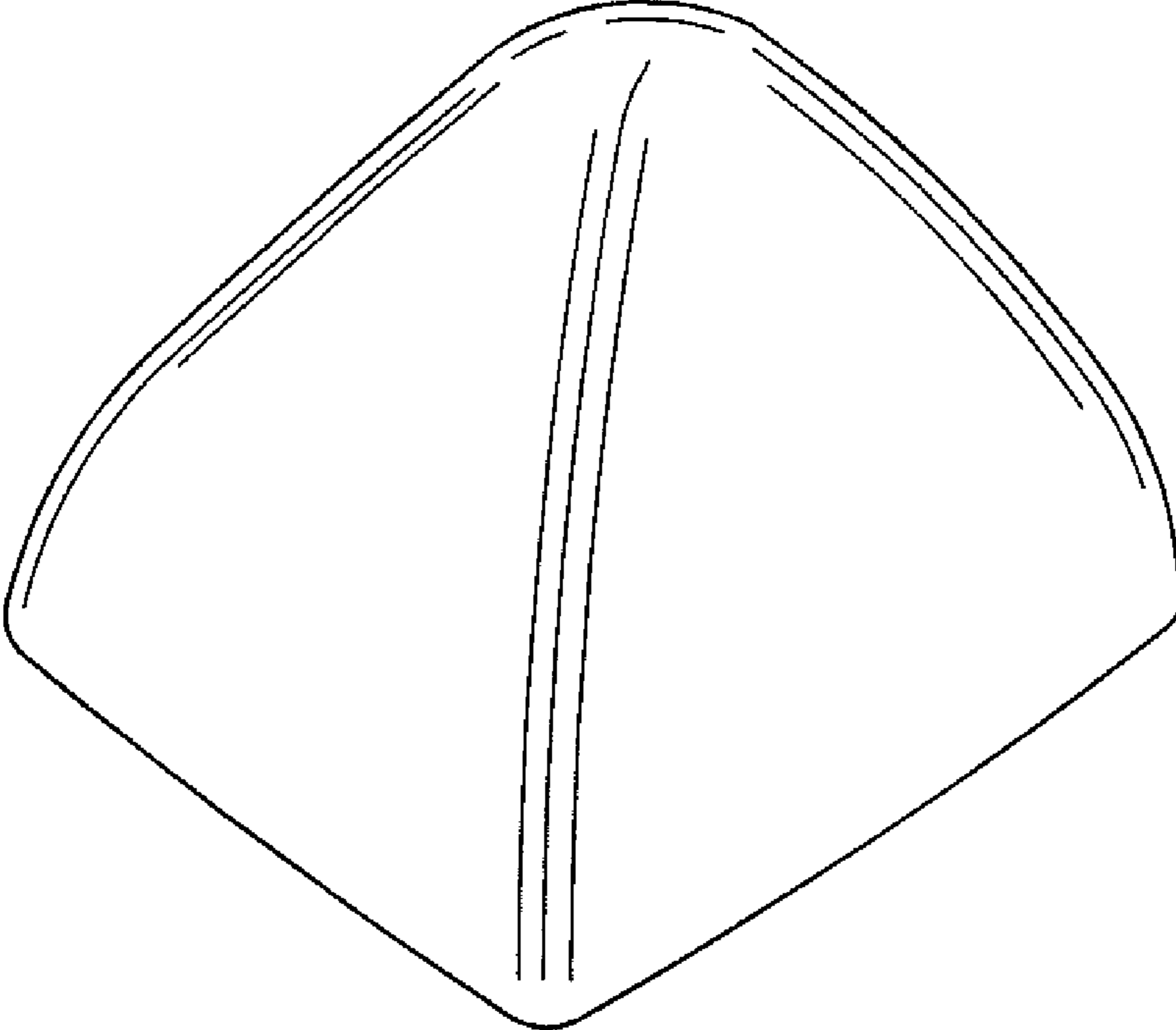


FIG. 8

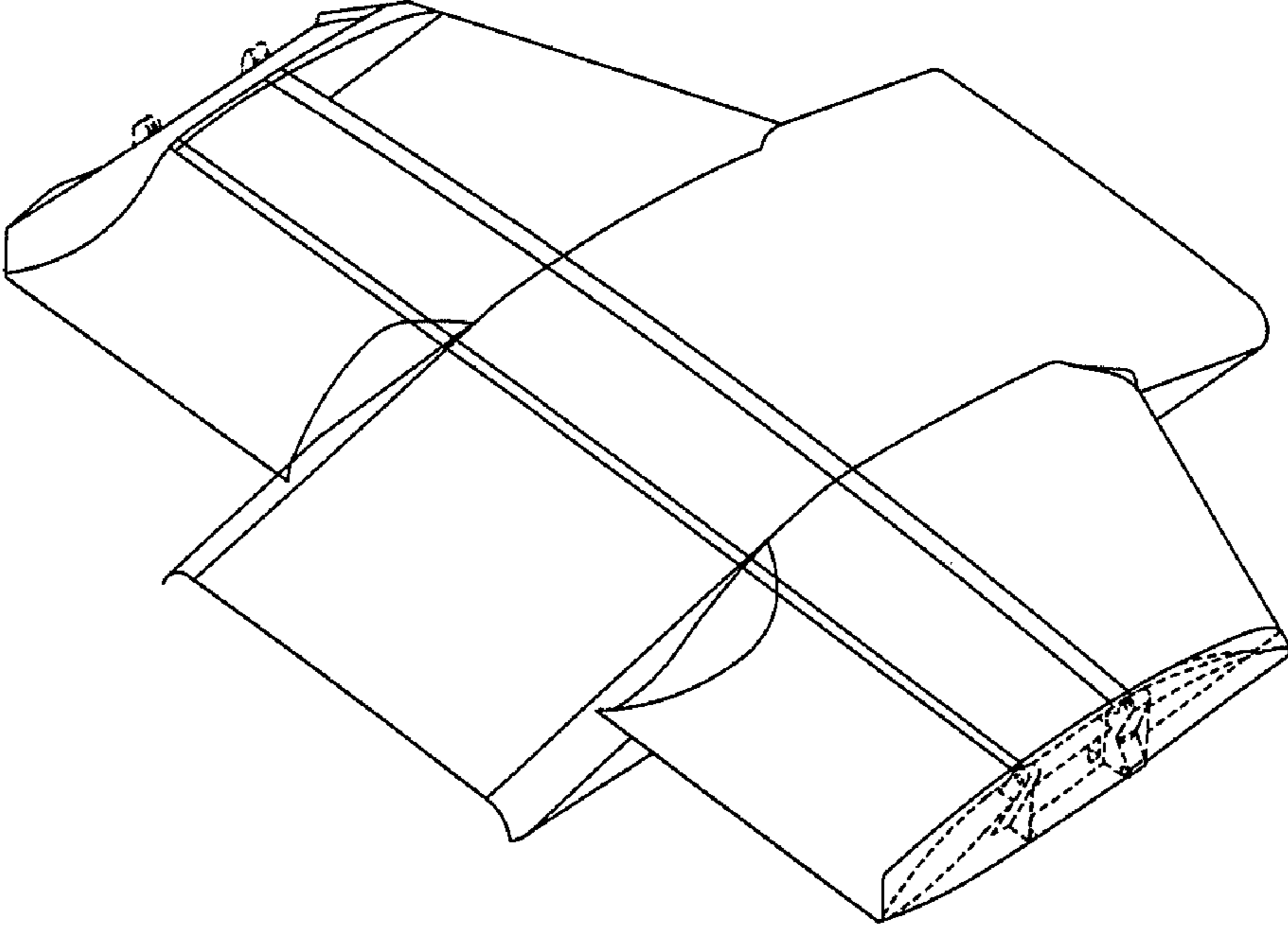


FIG. 9

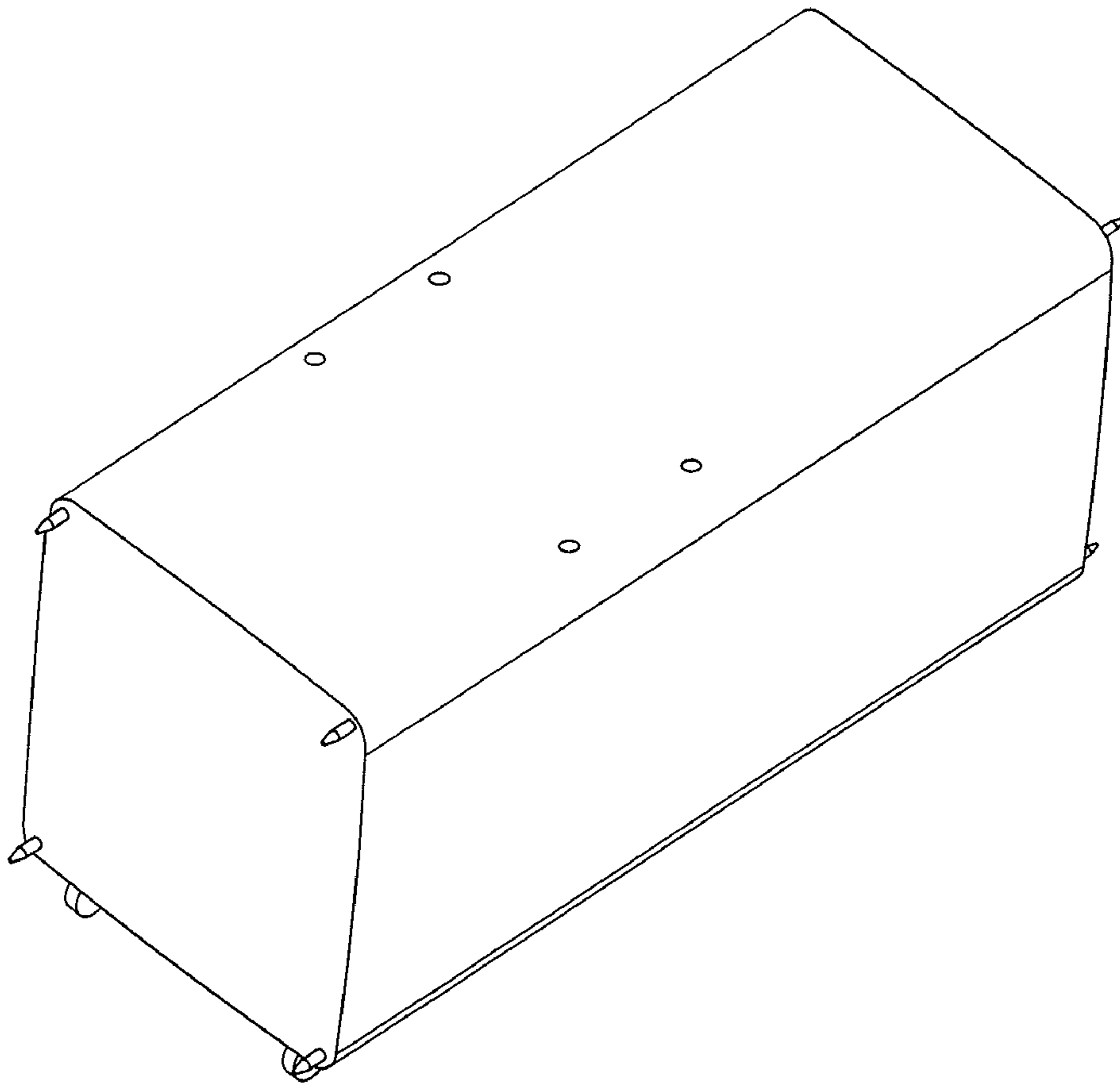


FIG. 10

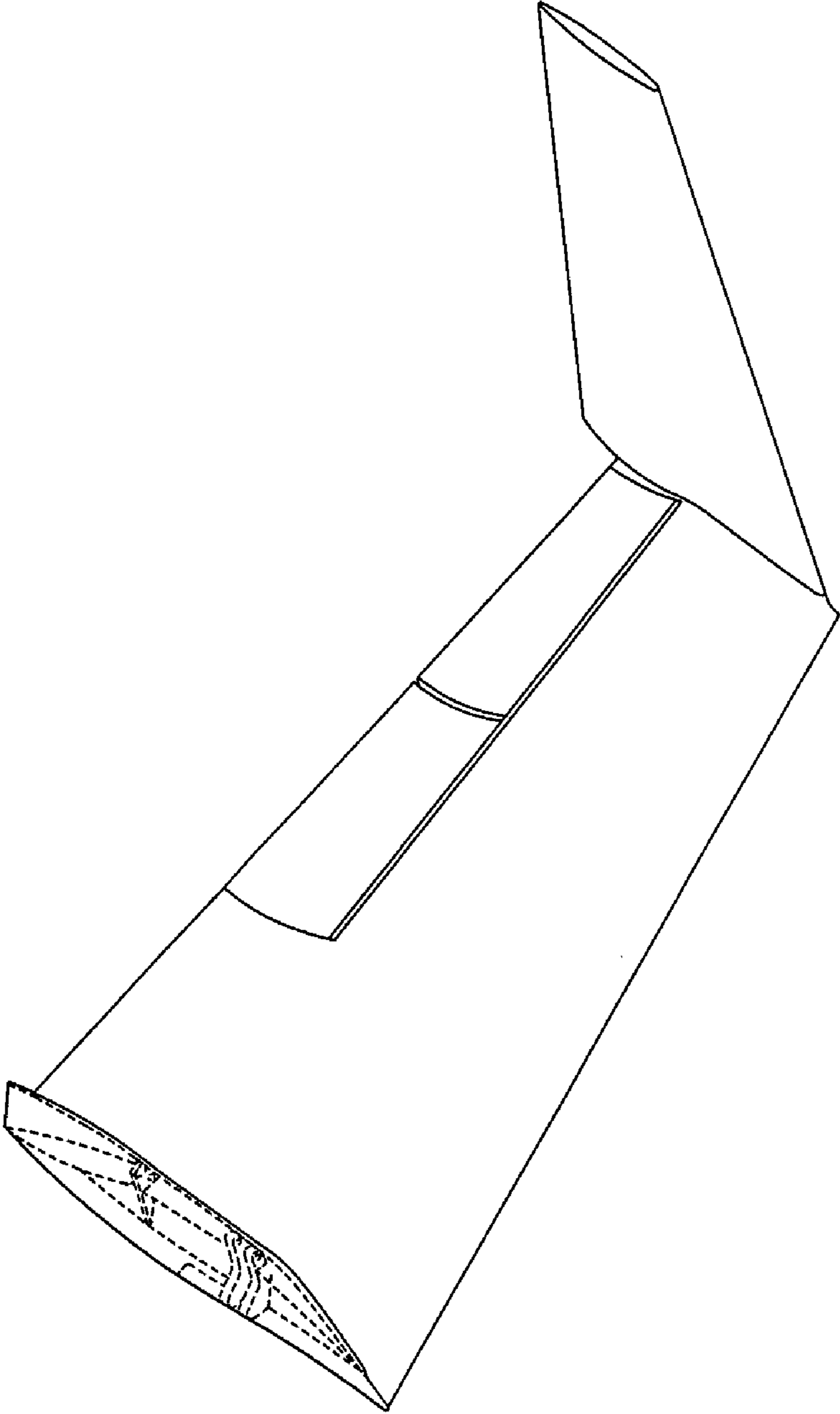


FIG. 11

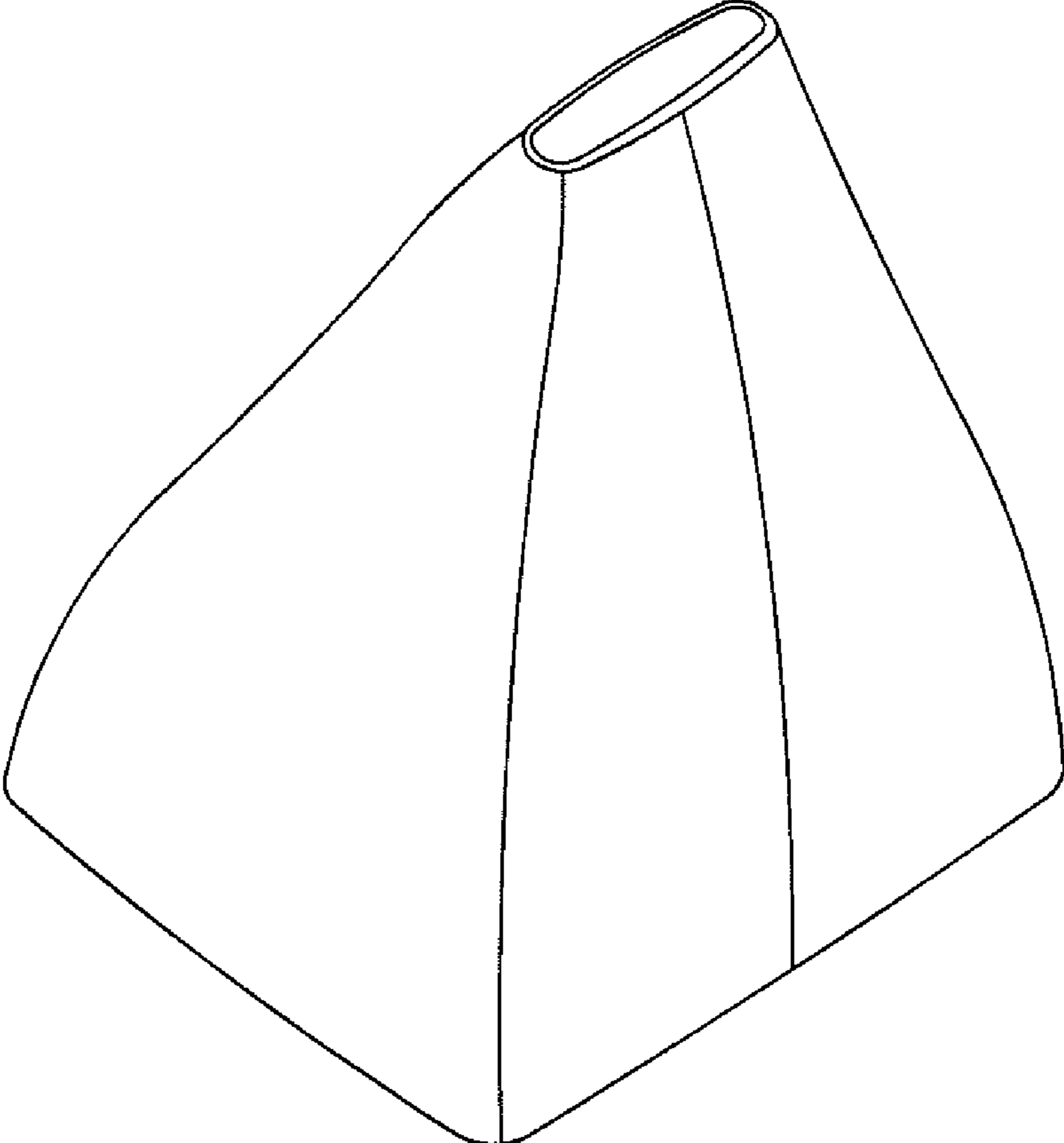


FIG. 12

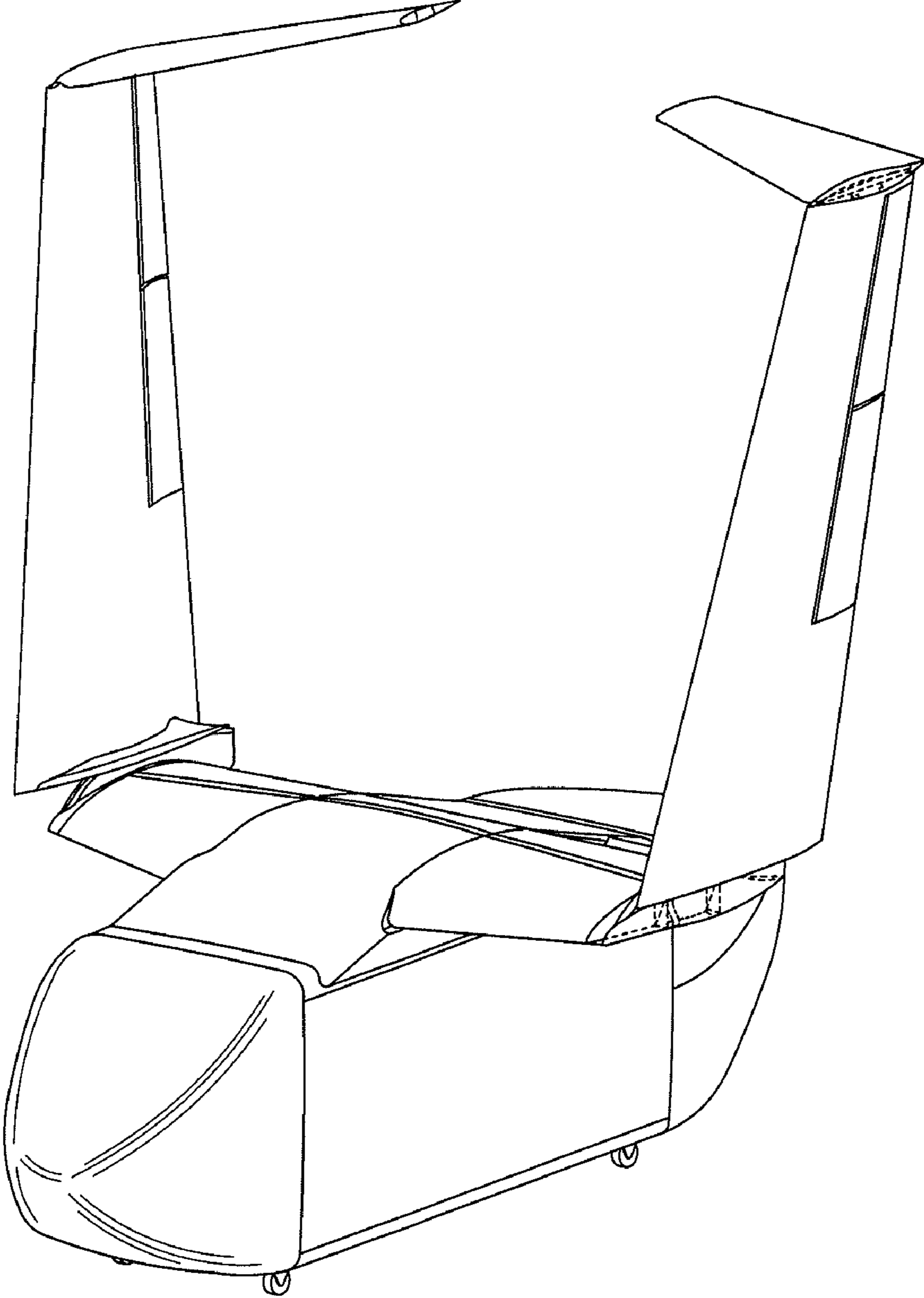


FIG. 13

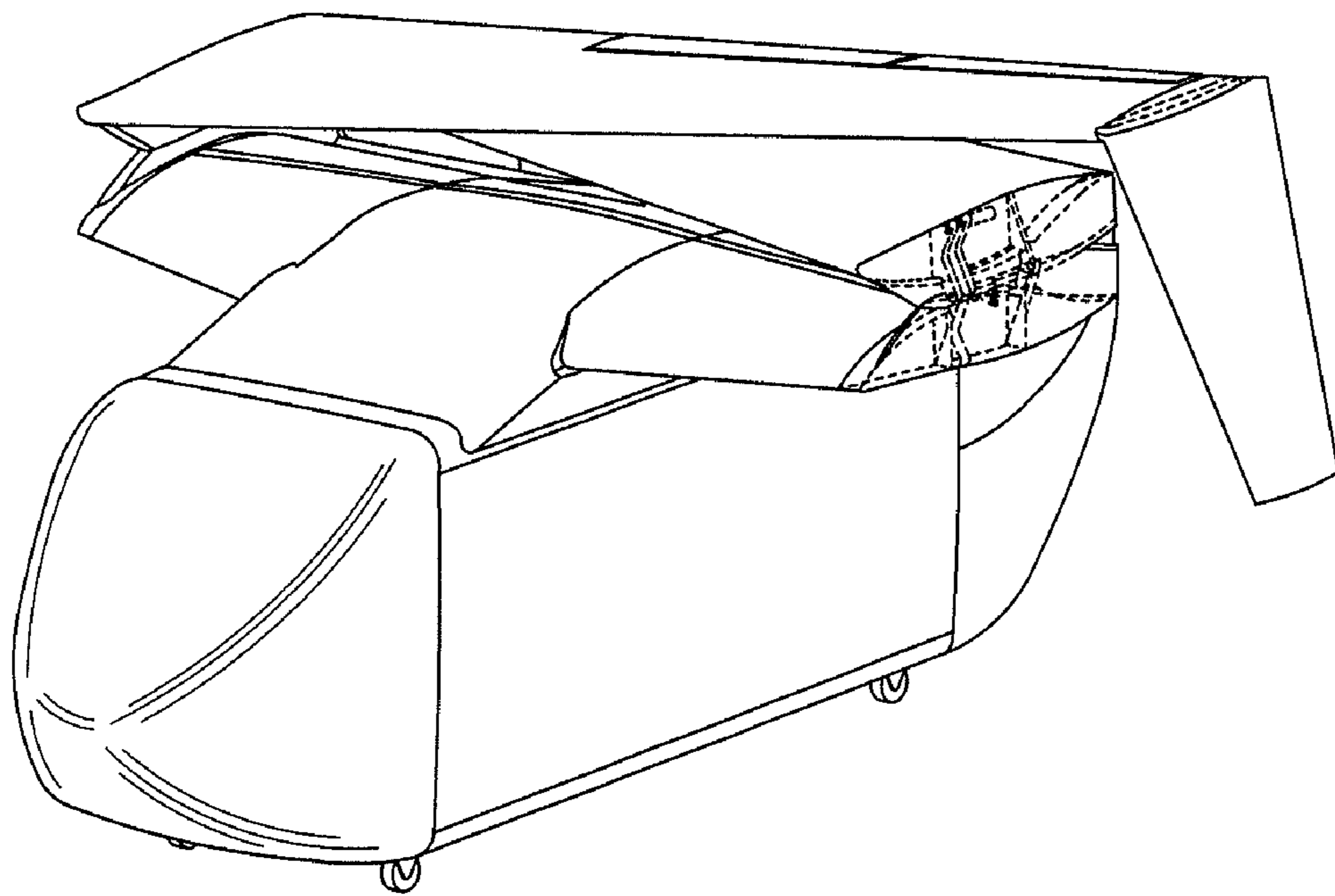


FIG. 14