



US00D453317S

(12) **United States Design Patent** (10) **Patent No.:** **US D453,317 S**
DeTore et al. (45) **Date of Patent:** **** Feb. 5, 2002**

(54) **QUAD TILTROTOR**

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(73) Assignee: **Bell Helicopter TEXTRON Inc.**, Hurst, TX (US)

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

(21) Appl. No.: **29/133,527**

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(51) **LOC (7) Cl.** **12-07**

(52) **U.S. Cl.** **D12/328**

(58) **Field of Search** **D12/319-345;**
244/7 C, 48, 51, 69, 78

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Primary Examiner—Marcus A. Jackson

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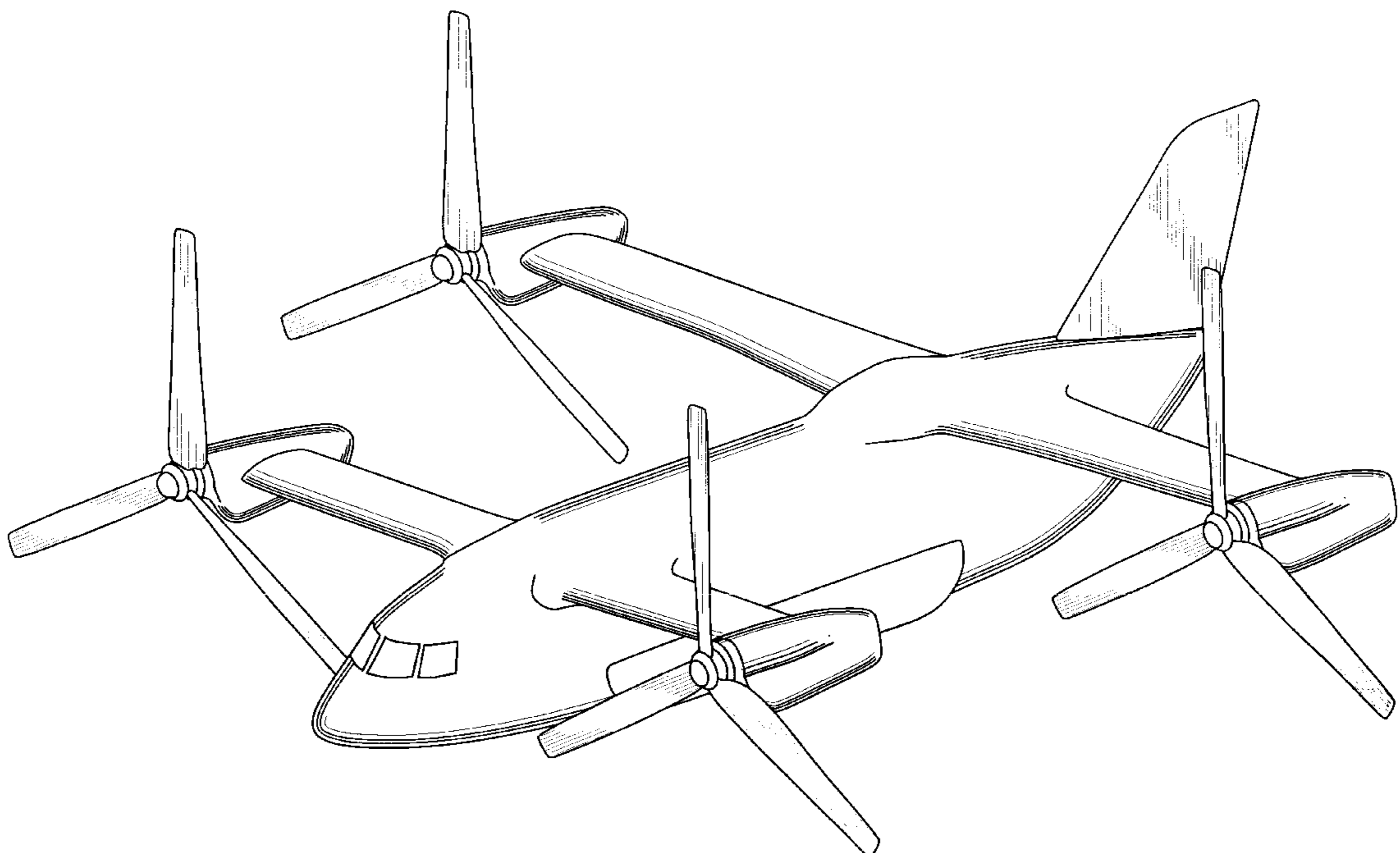
(57) **CLAIM**

The ornamental design for the quad tiltrotor, as shown and described.

DESCRIPTION

- FIG. 1 is a top view of a quad tiltrotor of our new design having rotors in the takeoff/landing/hovering position;
- FIG. 2 is a bottom view thereof;
- FIG. 3 is a port side elevation view thereof;
- FIG. 4 is a starboard side elevation view thereof;
- FIG. 5 is a front elevation view thereof;
- FIG. 6 is a rear elevation view thereof;
- FIG. 7 is a top view of a quad tiltrotor of our new design having rotors in a flight position;
- FIG. 8 is a bottom view thereof;
- FIG. 9 is a port side elevation view thereof;
- FIG. 10 is a starboard side elevation view thereof;
- FIG. 11 is a front elevation view thereof;
- FIG. 12 is a rear elevation view thereof; and,
- FIG. 13 is a perspective view thereof.

1 Claim, 7 Drawing Sheets



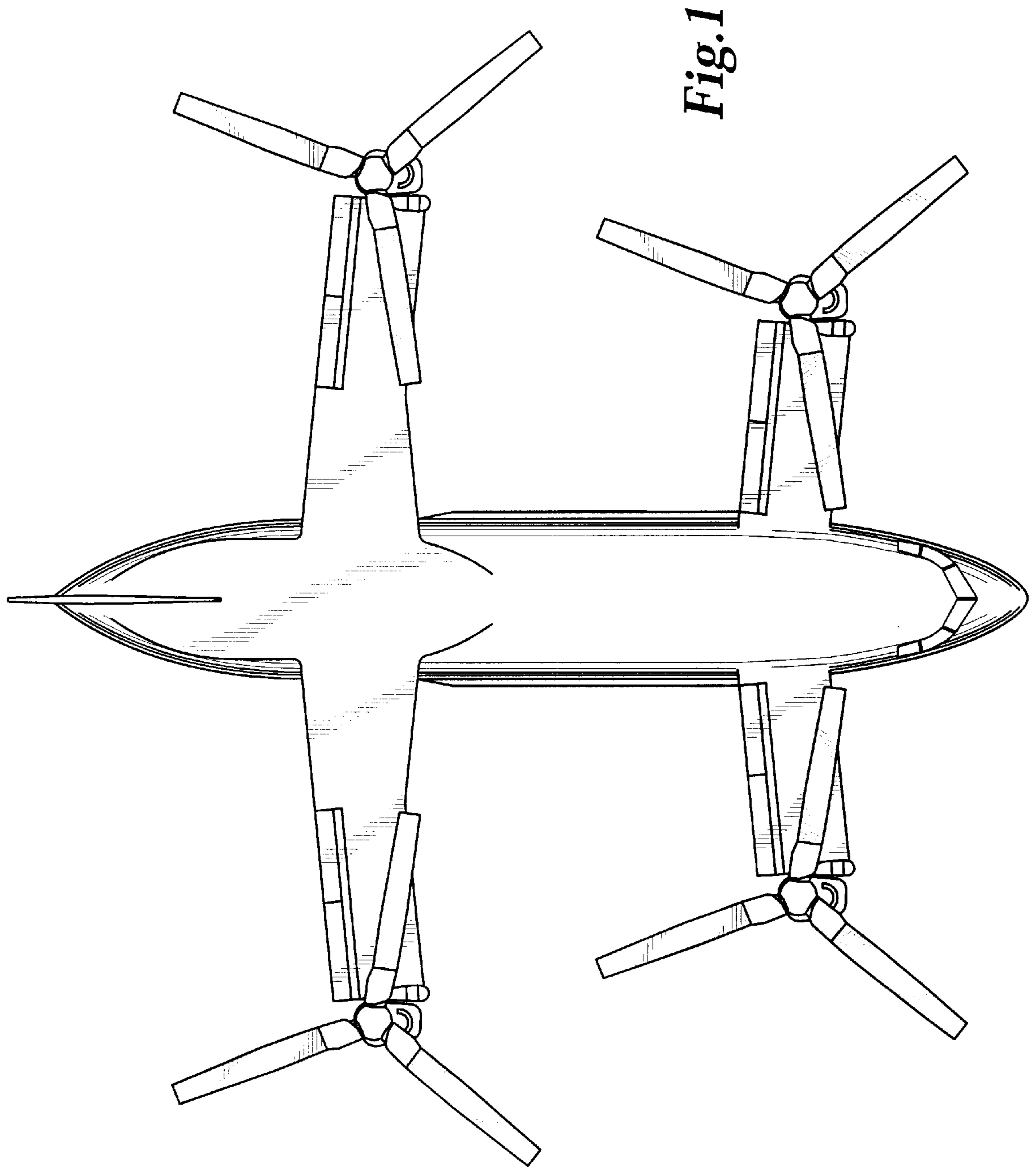
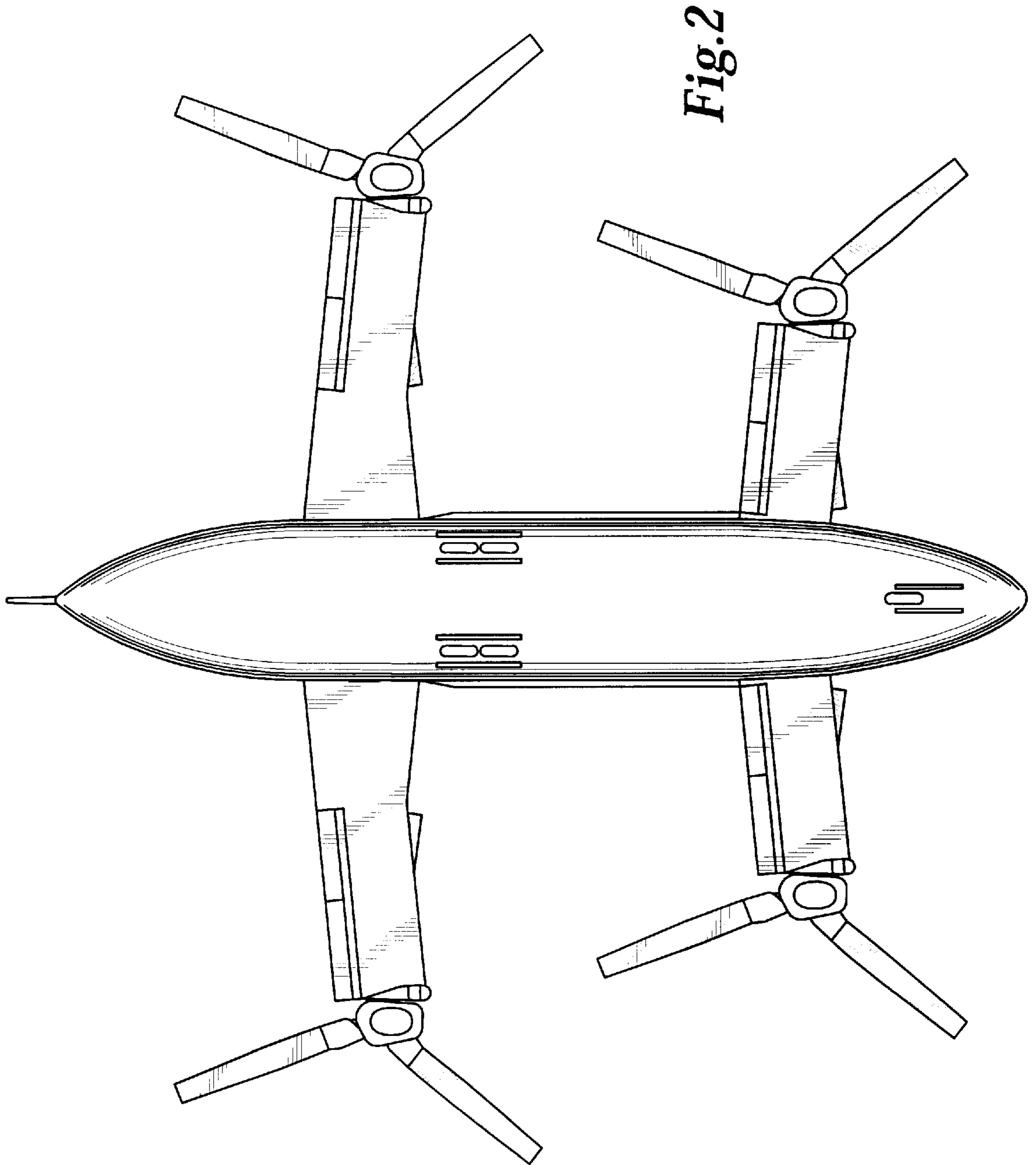


Fig. 1



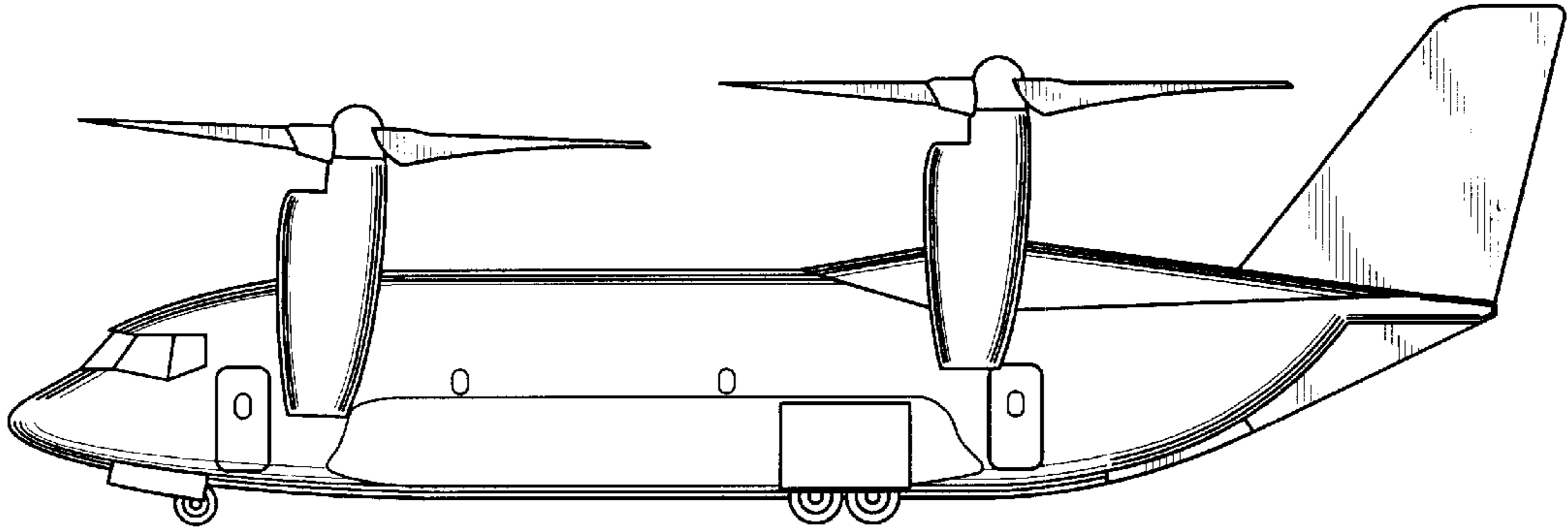


Fig.3

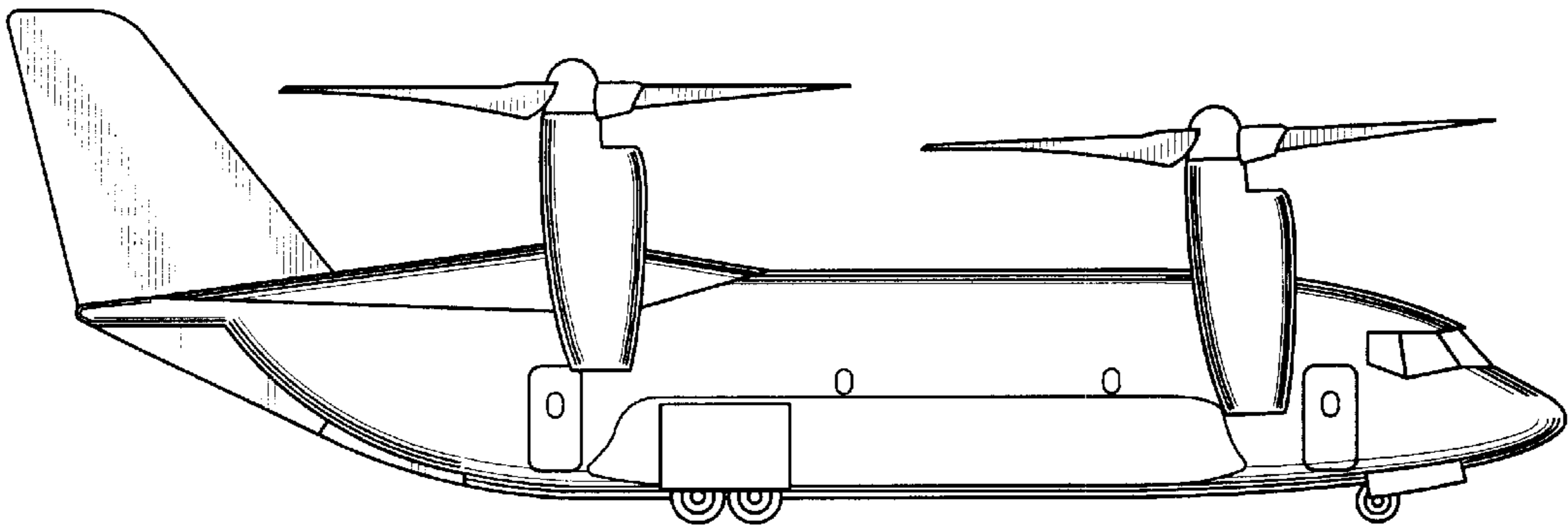


Fig.4

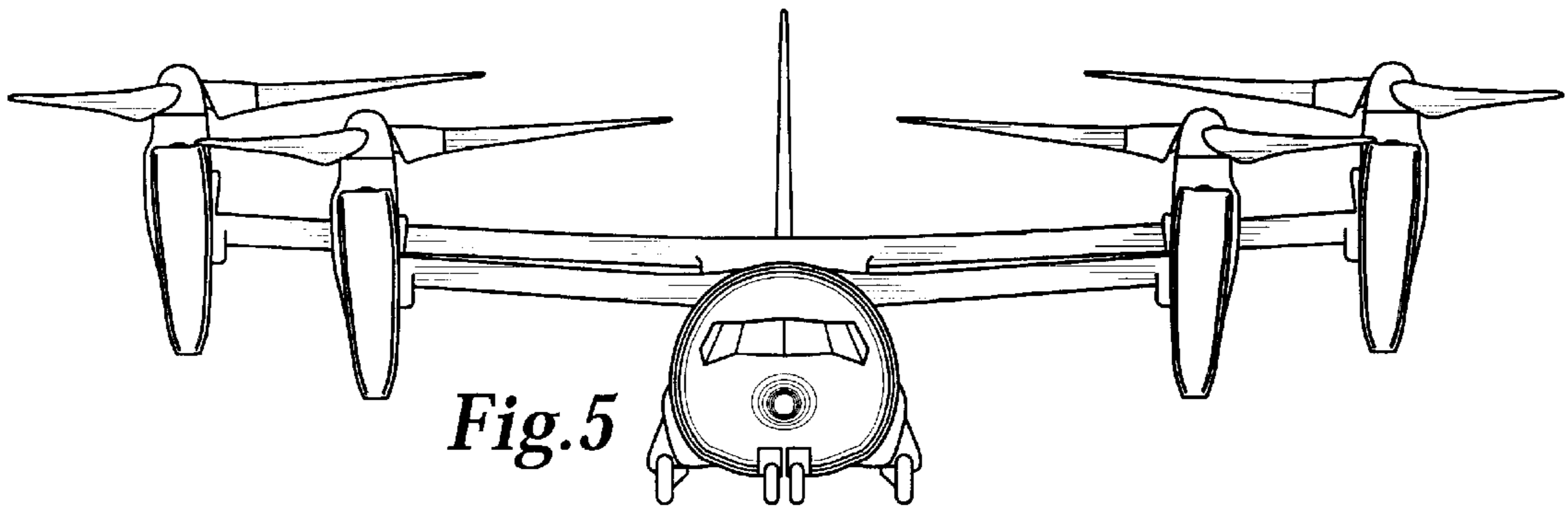


Fig.5

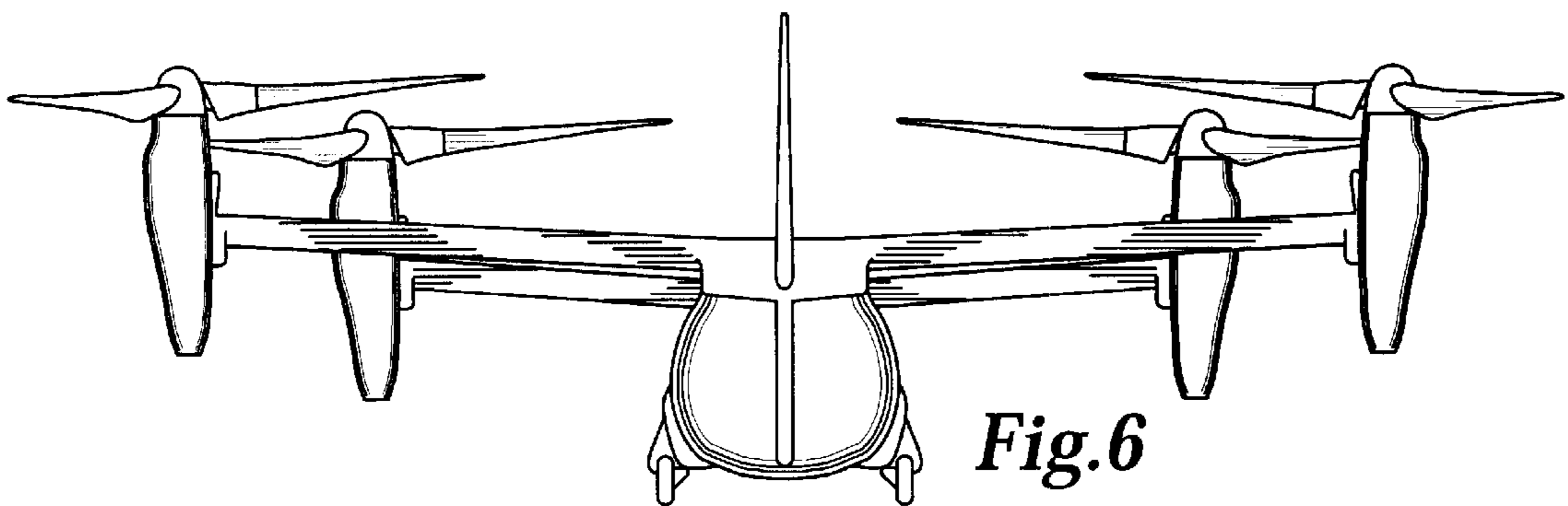


Fig.6

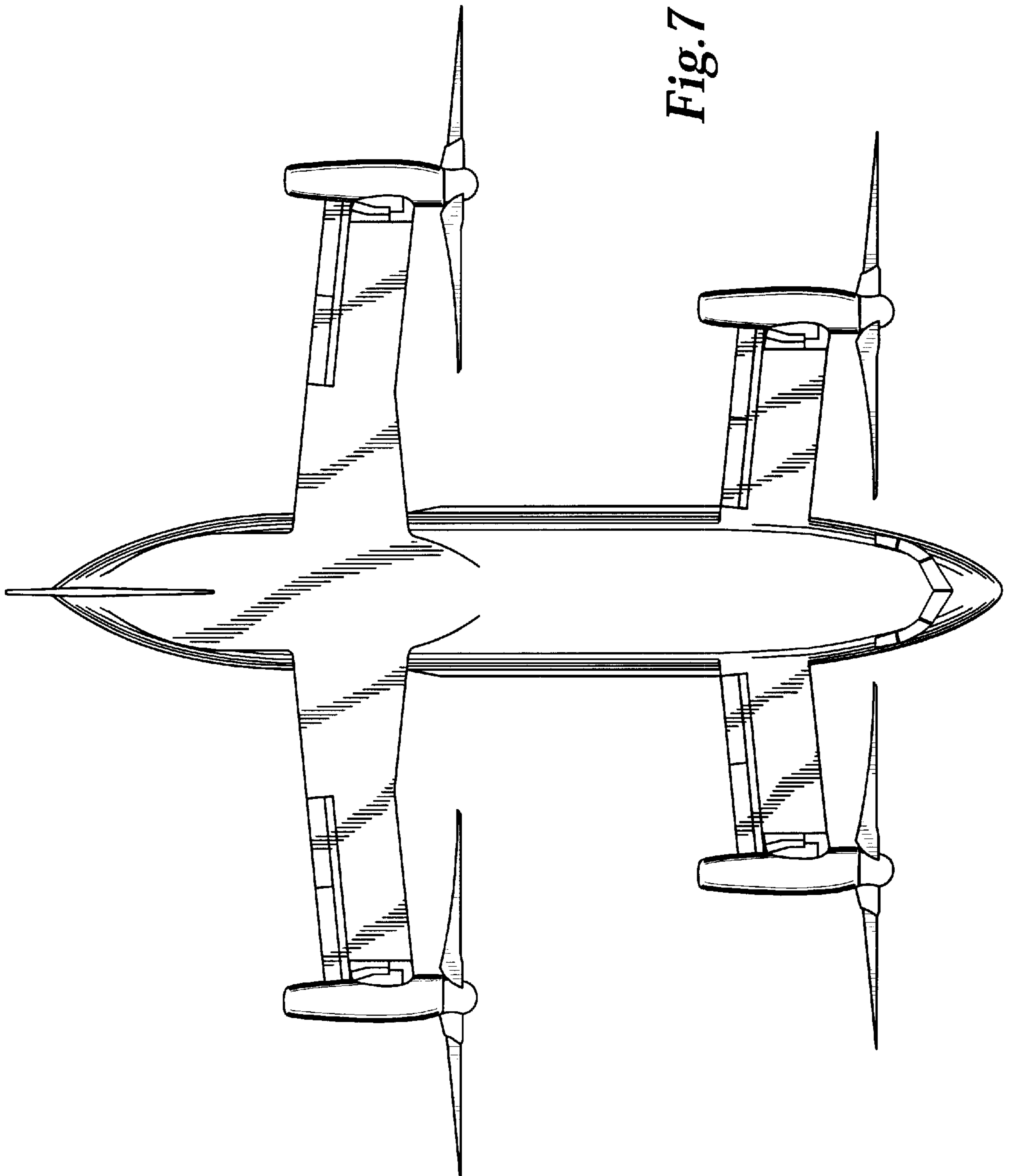


Fig. 7

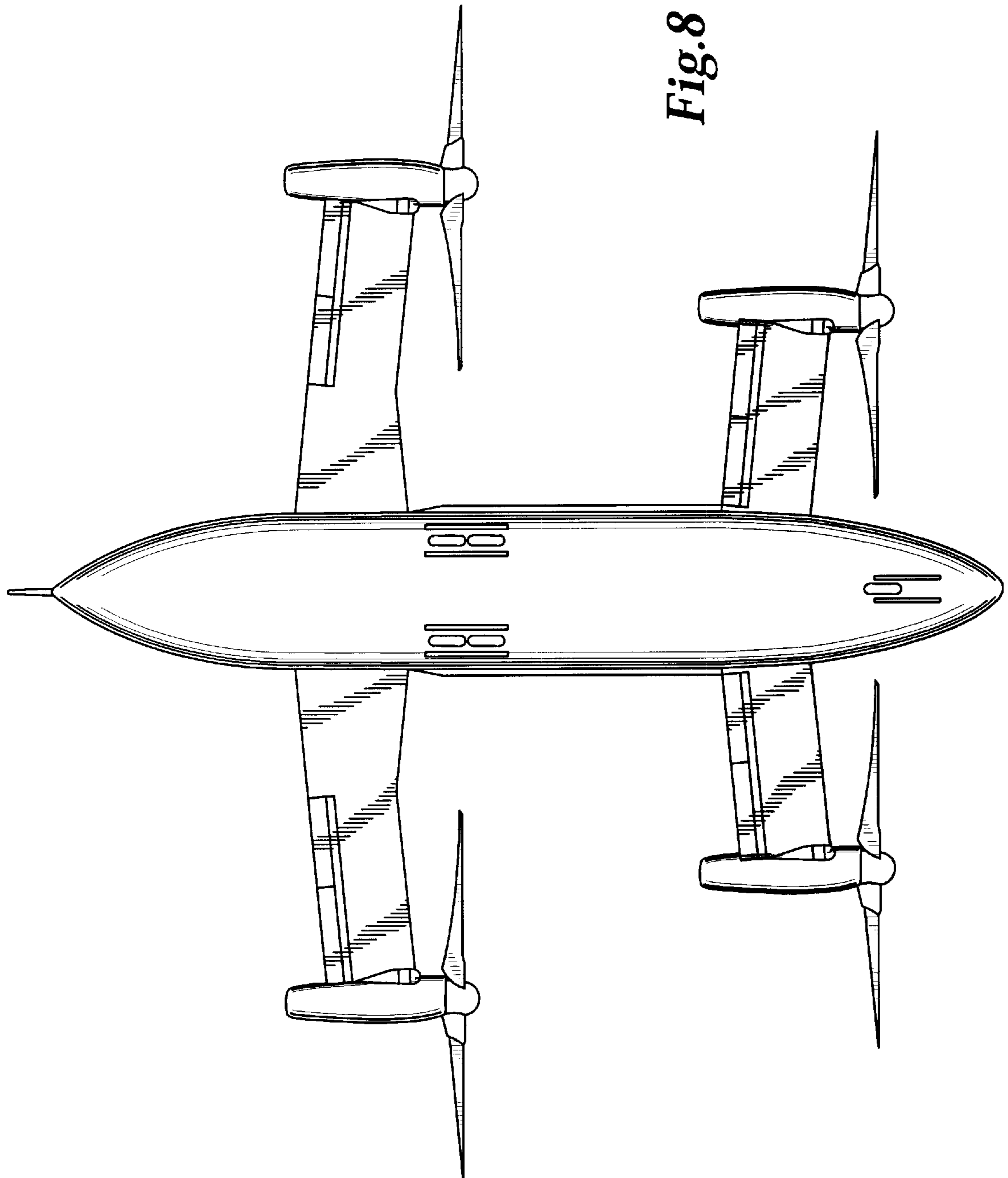
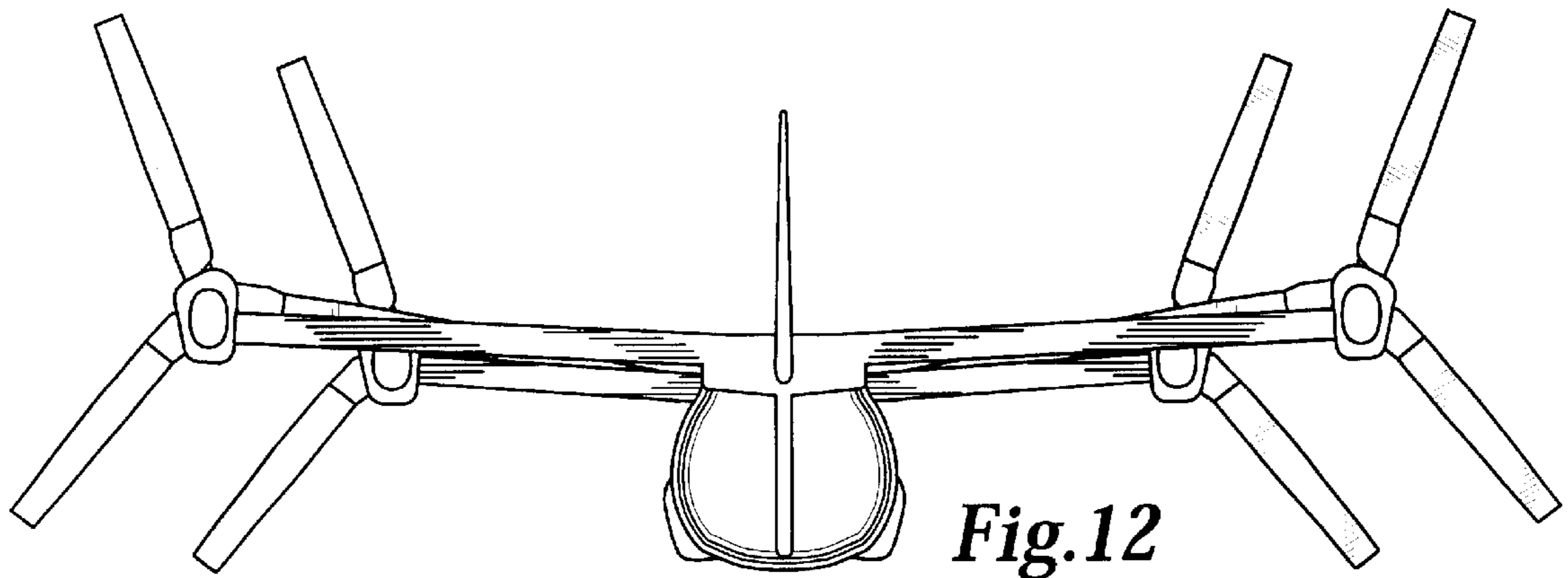
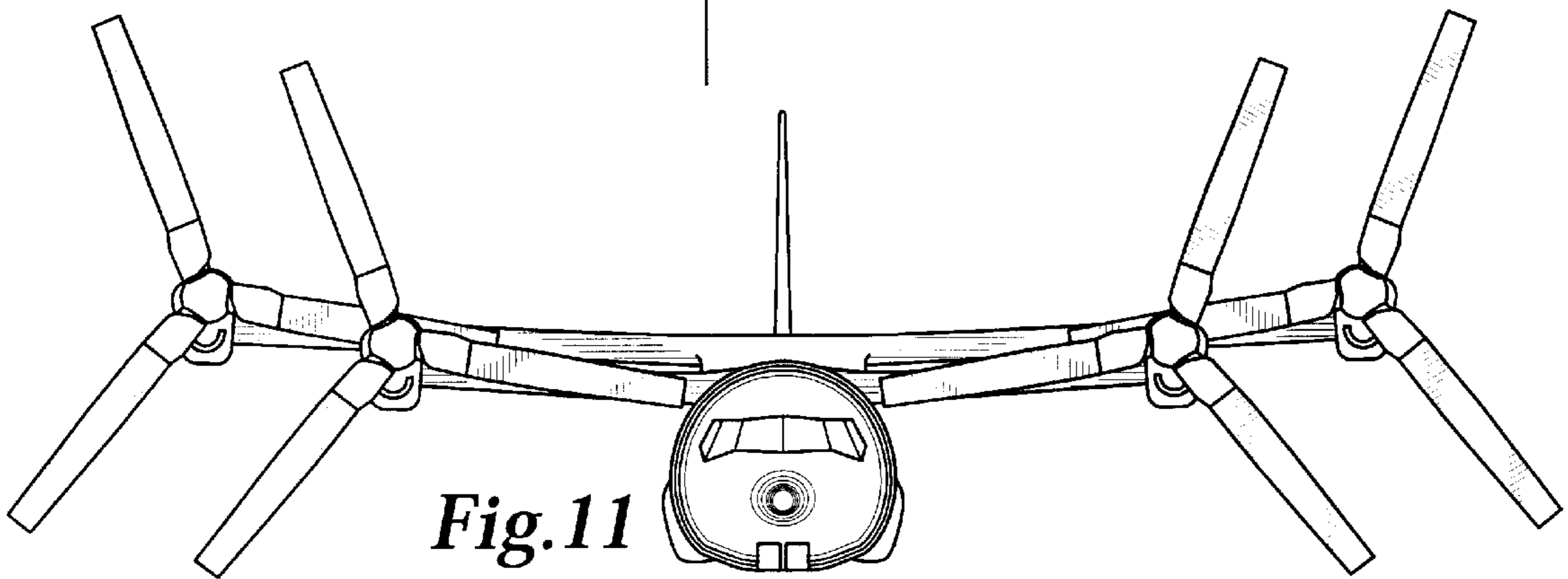
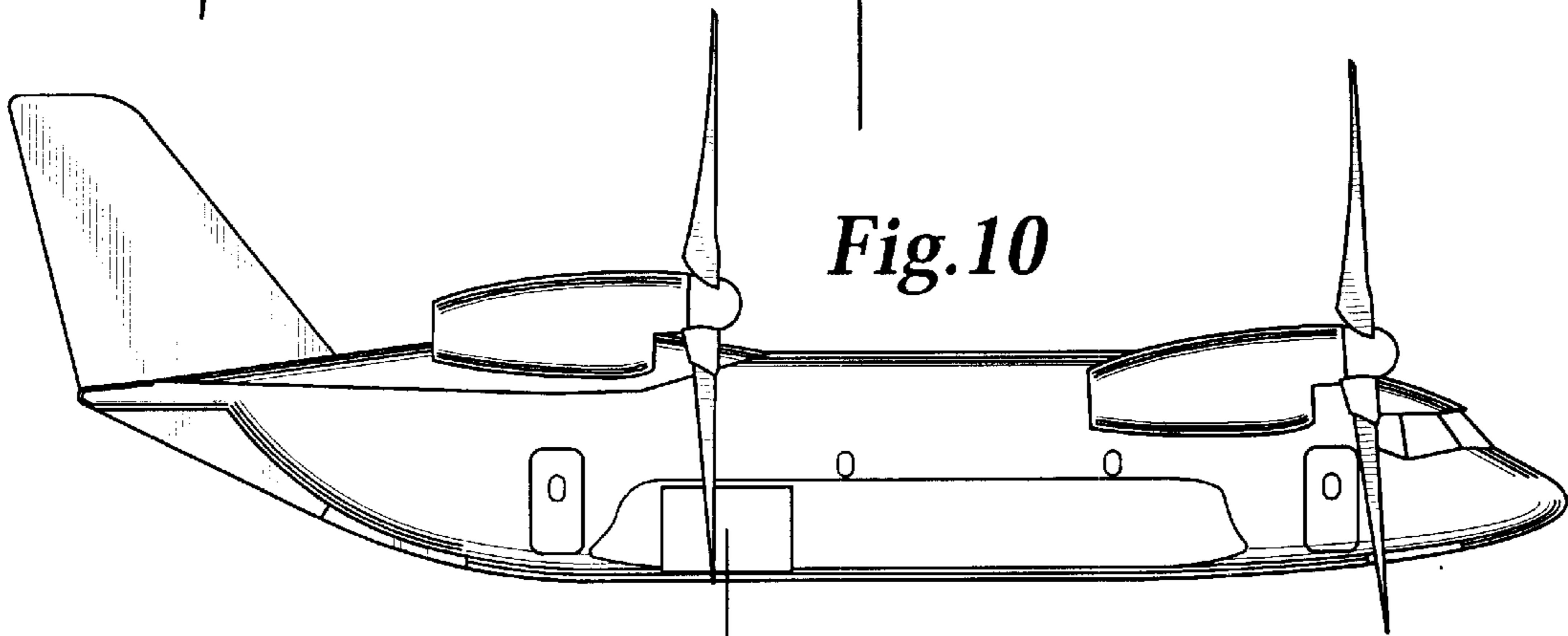
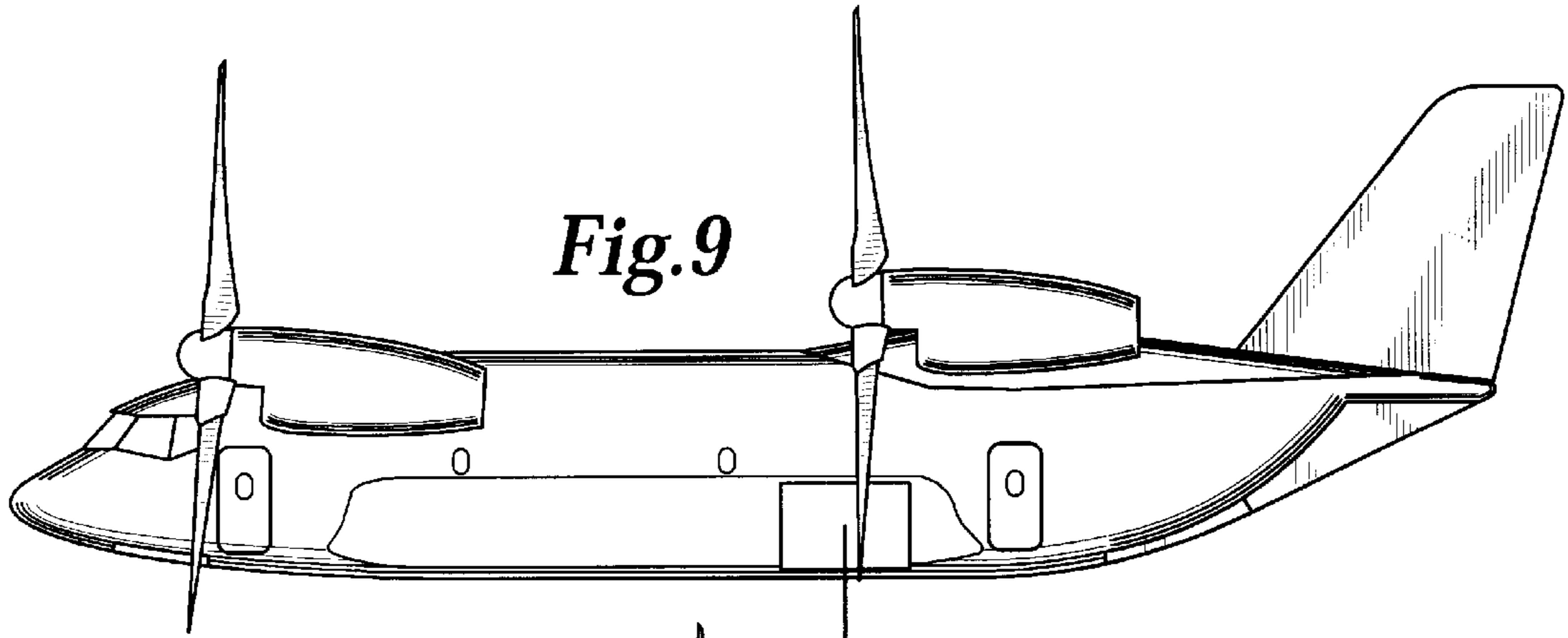


Fig. 8



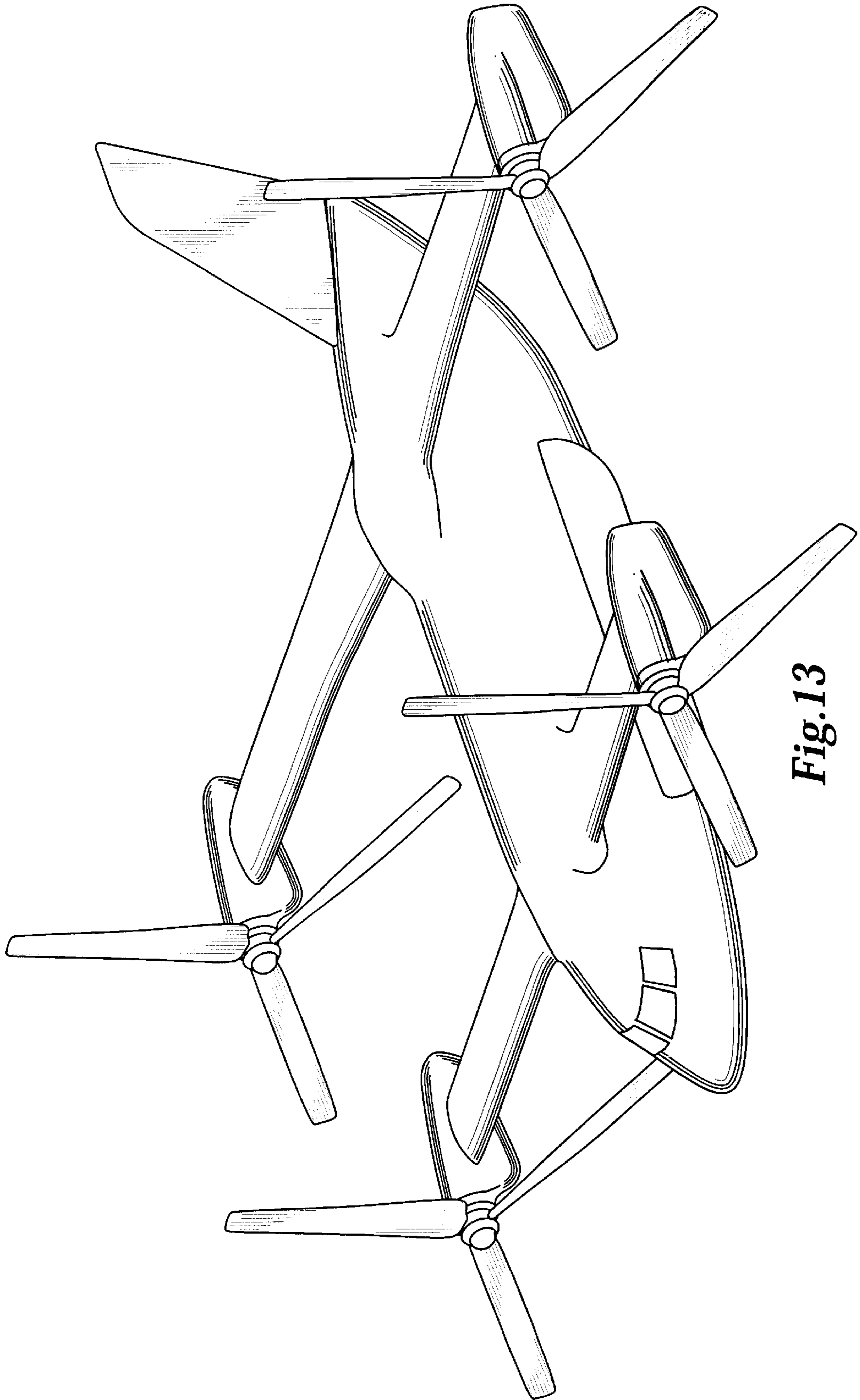


Fig. 13