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(12) **United States Design Patent** (10) **Patent No.:** **US D830,896 S**  
**Lutterodt et al.** (45) **Date of Patent:** **\*\* Oct. 16, 2018**

(54) **DRONE**  
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(73) Assignee: **Neu Robotics, Inc.**, Weatherford, TX (US)  
(\*\*) Term: **15 Years**

D795,784 S \* 8/2017 Guo ..... D12/328  
D800,602 S \* 10/2017 Hsiao ..... D12/16.1  
D808,301 S \* 1/2018 Goldy ..... D12/16.1  
D808,328 S \* 1/2018 Ivans ..... D12/328  
D810,621 S \* 2/2018 Sadek ..... D12/16.1  
D810,653 S \* 2/2018 Hu ..... D12/327  
D813,143 S \* 3/2018 Belik ..... D12/326  
D813,723 S \* 3/2018 Ahn ..... D12/16.1  
D813,724 S \* 3/2018 Hu ..... D12/16.1  
D814,972 S \* 4/2018 Ahn ..... D12/16.1  
2015/0336670 A1 \* 11/2015 Zhang ..... B64C 1/00  
244/119  
2016/0236777 A1 \* 8/2016 Tang ..... B64C 39/024  
2016/0313742 A1 \* 10/2016 Wang ..... G05D 1/0669

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(51) **LOC (11) Cl.** ..... **12-07**  
(52) **U.S. Cl.**  
USPC ..... **D12/16.1**  
(58) **Field of Classification Search**  
USPC ..... D12/16.1, 319-345; D21/436, 441, 442, D21/443, 444, 447-454, 437  
CPC ..... B64C 2201/141; B64C 39/024; B64C 2201/127  
See application file for complete search history.

**OTHER PUBLICATIONS**

Drone Racer VT210 by Skynex Global Drones LTD. dated Apr. 13, 2017. found online [May 10, 2018] <https://www.skynexglobaldrones.com/V-Tail-210-Acrobatc-Racing-Drone-with-3D-FPV-Camera/>.\*

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*Primary Examiner* — Brandon Michael Rosati  
*Assistant Examiner* — Marissa J Cash

(57) **CLAIM**

The ornamental design for a drone, as shown and described.

**DESCRIPTION**

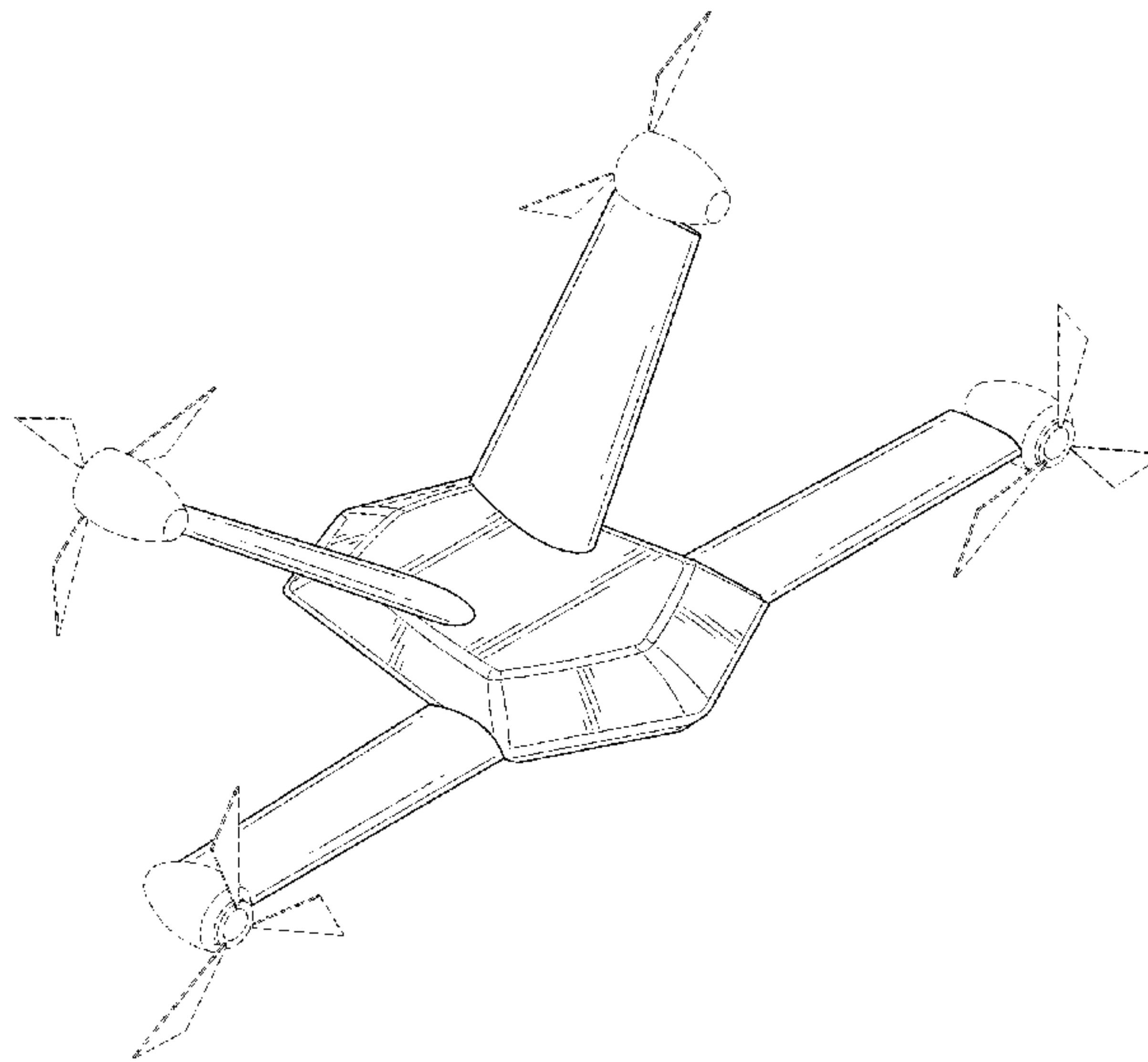
FIG. 1 is a front perspective view of a drone, showing our new design;  
FIG. 2 is a front elevation view of the drone of FIG. 1;  
FIG. 3 is a rear elevation view of the drone of FIG. 1;  
FIG. 4 is a right side view of the drone of FIG. 1;  
FIG. 5 is a left side view of the drone of FIG. 1;  
FIG. 6 is a top view of the drone of FIG. 1; and,  
FIG. 7 is a bottom view of the drone of FIG. 1.  
The broken line showing of portions of the drone depicts environment and forms no part of the claim.

**1 Claim, 6 Drawing Sheets**

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D197,038 S \* 12/1963 Howard ..... D12/329  
D238,349 S \* 1/1976 Finn ..... D12/331  
D241,361 S \* 9/1976 Crew ..... 446/46  
D340,480 S \* 10/1993 Cummings ..... D21/437  
D456,337 S \* 4/2002 Sankrithi ..... D12/335  
D616,804 S \* 6/2010 Manley ..... D12/319  
D628,658 S \* 12/2010 Wurm ..... D21/442  
D710,454 S \* 8/2014 Barajas ..... D12/16.1  
D760,848 S \* 7/2016 McKenna ..... D12/16.1  
D763,134 S \* 8/2016 Wang ..... D12/16.1  
D782,365 S \* 3/2017 Hung ..... D12/16.1  
9,623,969 B2 \* 4/2017 Nelson ..... B64C 39/024



(56)

**References Cited**

U.S. PATENT DOCUMENTS

2016/0337562 A1\* 11/2016 Kang ..... H04N 5/2254  
2016/0347479 A1\* 12/2016 O'Neil ..... B64D 43/00  
2017/0144751 A1\* 5/2017 Yu ..... B64C 27/001  
2017/0301109 A1\* 10/2017 Chan ..... G06T 7/75  
2017/0355460 A1\* 12/2017 Shannon ..... B64C 39/024  
2018/0105271 A1\* 4/2018 Wypyszynski ..... B64D 1/00

OTHER PUBLICATIONS

Lynxmotion Hunter VTail 400 Drone kit. by RobotShop. dated Apr. 27, 2015. found online [May 10, 2018] <https://www.robotshop.com/en/lynxmotion-hunter-vtail-400-drone-kit-hardware-only.html>.\*

Why are military drones shaped so strangely by Aviation. dated Oct. 15, 2015. found online [May 10, 2018] <https://aviation.stackexchange.com/questions/21766/why-are-military-drones-shaped-so-strangely>.\*

\* cited by examiner

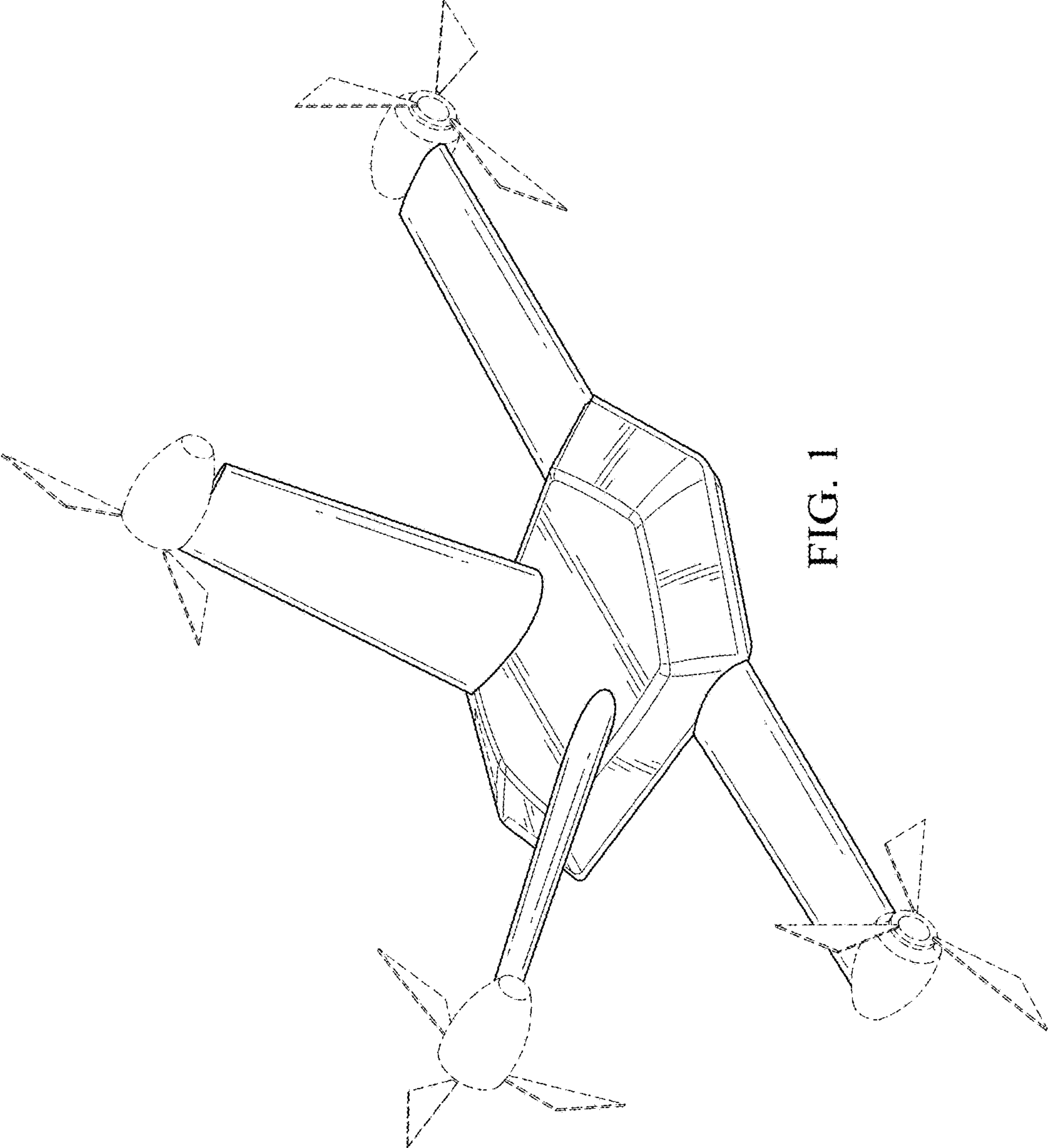


FIG. 1

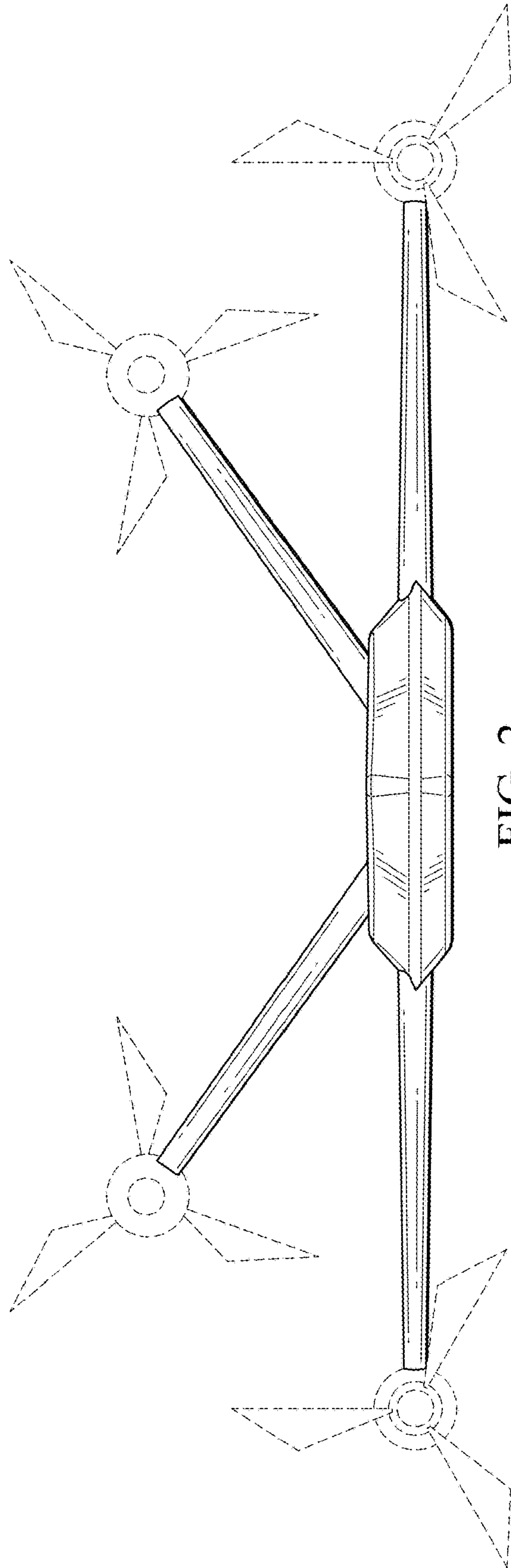


FIG. 2

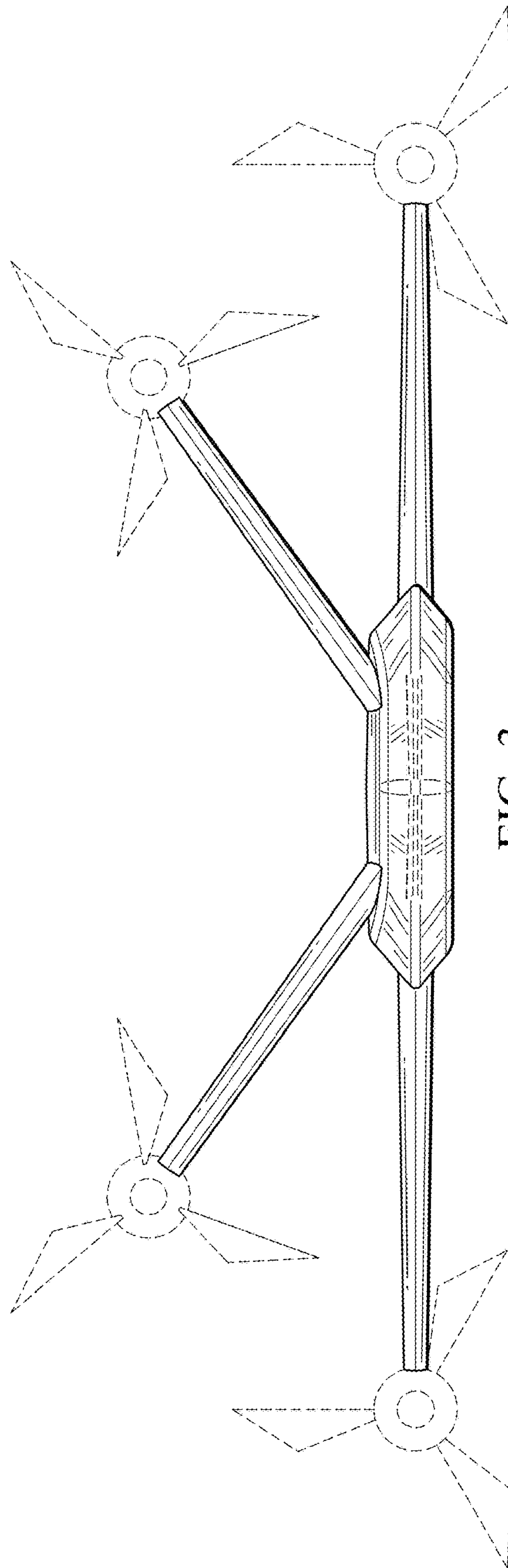


FIG. 3



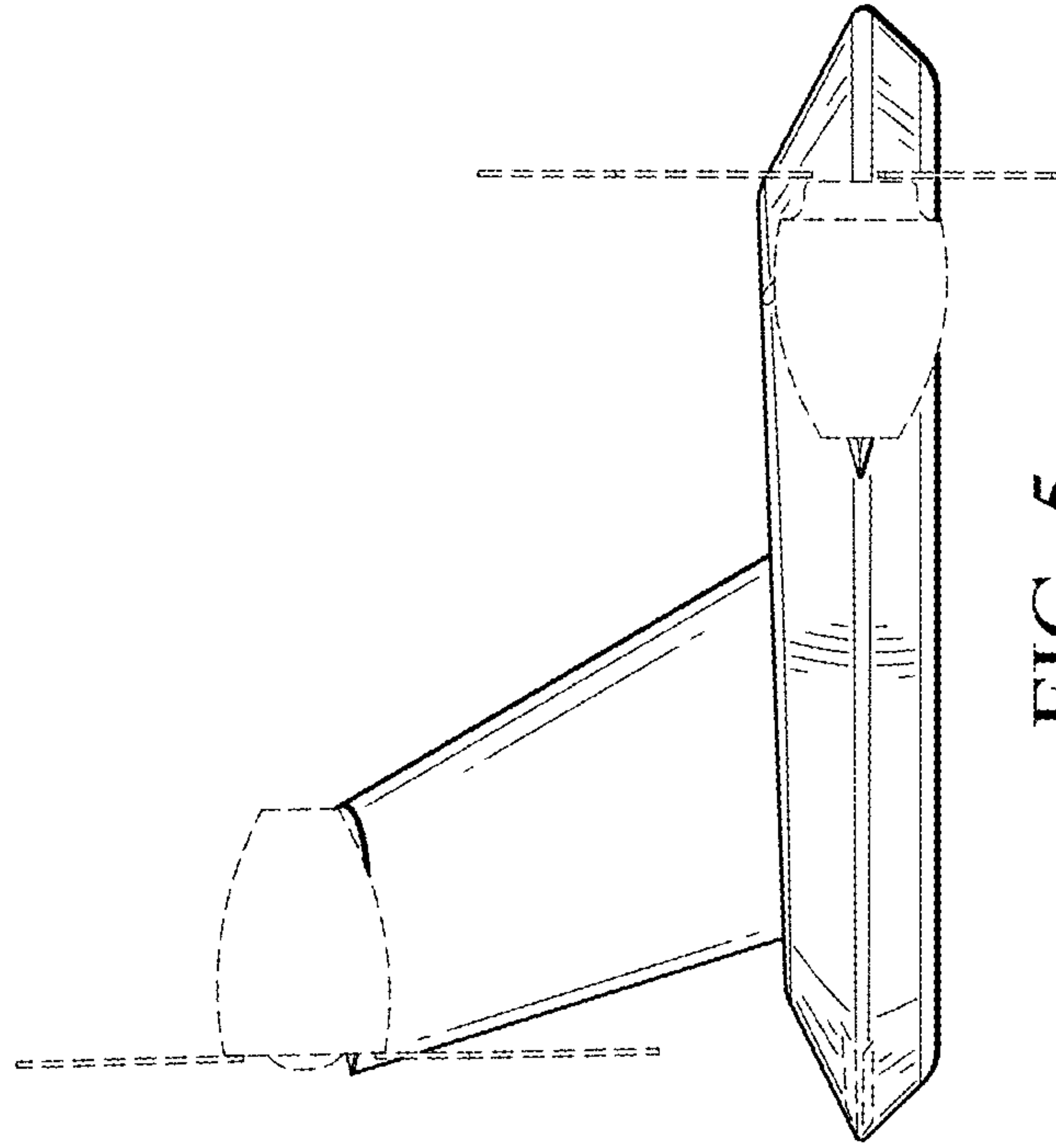


FIG. 5

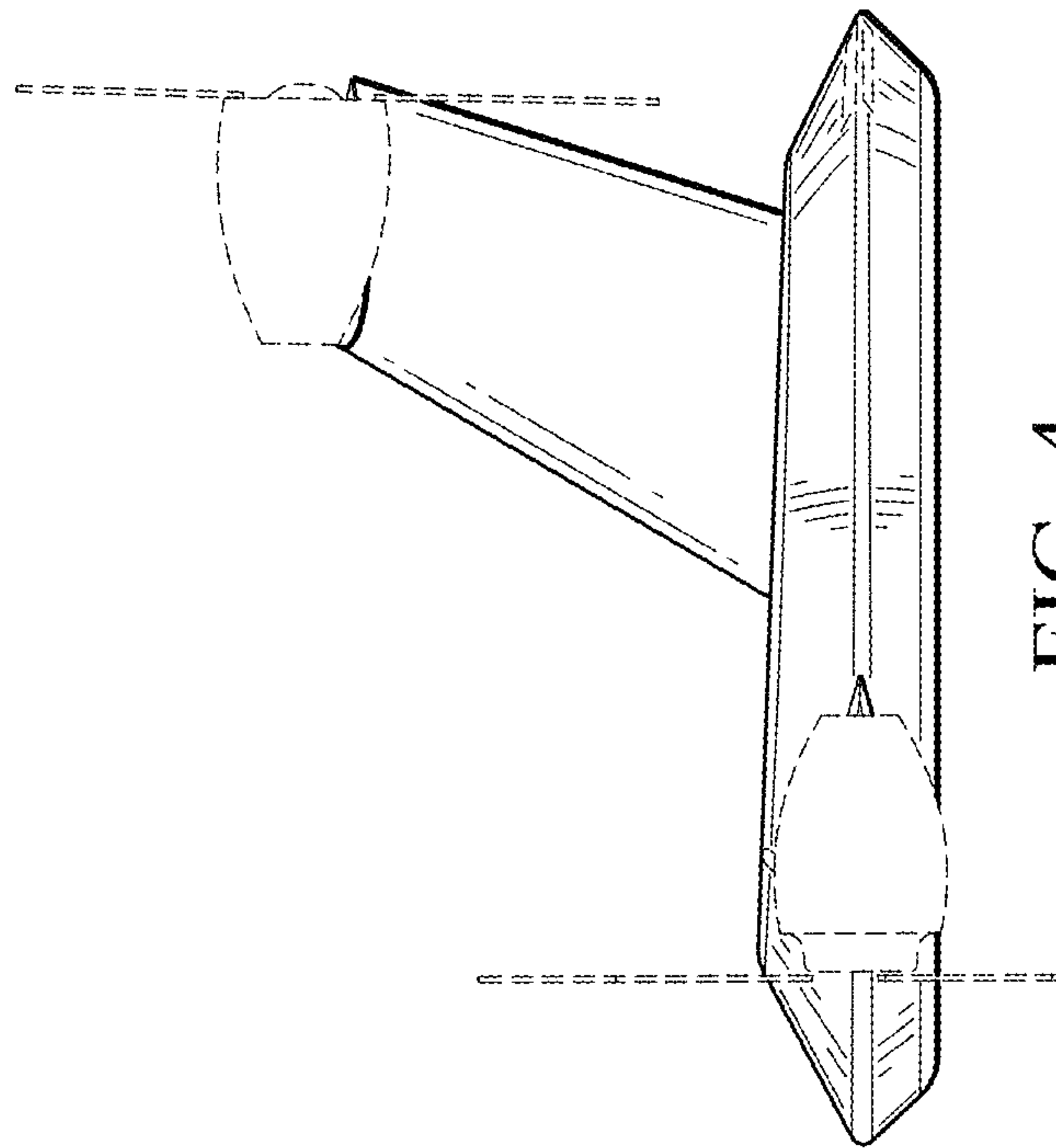


FIG. 4

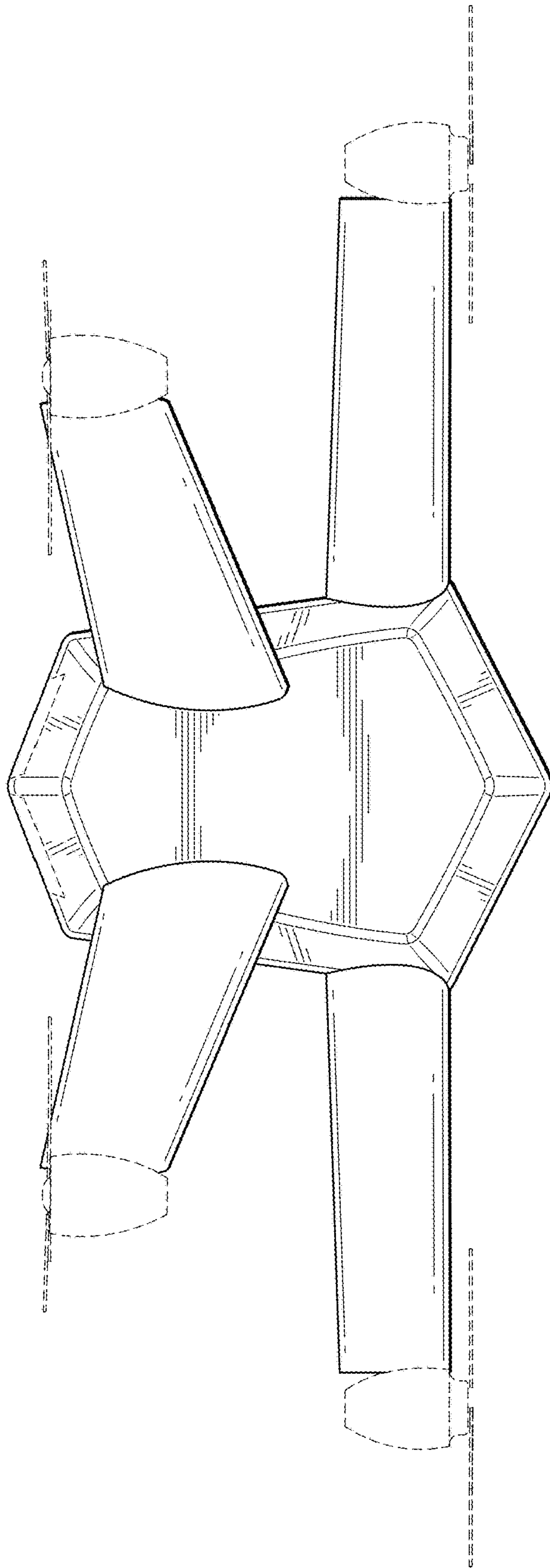


FIG. 6

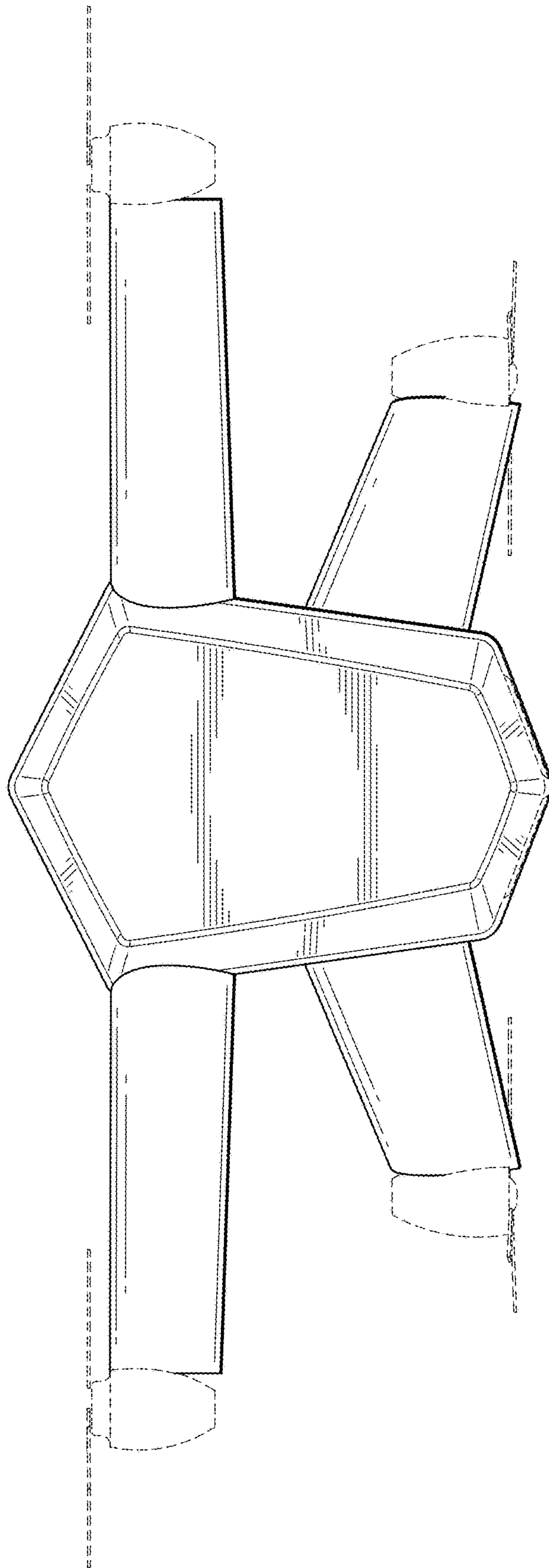


FIG. 7