



US00D945947S

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

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(45) **Date of Patent:** **\*\* Mar. 15, 2022**

(54) **AIRCRAFT**

(71) Applicant: **Aurora Flight Sciences Corporation**,  
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(73) Assignee: **AURORA FLIGHT SCIENCES CORPORATION**, Manassas, VA (US)

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

(21) Appl. No.: **29/725,294**

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(51) **LOC (13) Cl.** ..... **12-01**

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

(58) **Field of Classification Search**  
USPC ..... D12/1, 2, 3, 4, 16.1, 319, 321, 322, 323,  
D12/324, 326, 327-344, 345; D21/436,  
D21/439, 440, 441, 442, 444, 446, 447,  
D21/448, 449, 450, 451, 452, 453  
CPC ..... B64C 2201/022; B64C 27/00; B64C  
2201/14; B64C 19/00; B64D 27/26;  
B64B 1/22

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D210,809 S	4/1968	Stearman	
D277,976 S	3/1985	Holloway et al.	
4,739,957 A	4/1988	Vess et al.	
D616,804 S *	6/2010	Manley .....	D12/319
D628,528 S	12/2010	Cabezas Carrasco	
D630,996 S	1/2011	Gall et al.	
D642,968 S *	8/2011	Zhao .....	D12/344
D651,156 S	12/2011	Gundlach	
D691,547 S	10/2013	Hall et al.	
8,622,334 B2	1/2014	Drela et al.	
8,721,383 B2	5/2014	Woodworth et al.	
D712,310 S	9/2014	Gundlach et al.	

D725,576 S	3/2015	Vickers	
9,010,683 B2	4/2015	Gundlach et al.	
D732,458 S *	6/2015	Dutertre .....	D12/319
D733,029 S *	6/2015	Dutertre .....	D12/319
9,085,355 B2	7/2015	DeLorean	
D736,140 S	8/2015	Moller	
D739,807 S	9/2015	Strand et al.	
D763,733 S	8/2016	Gattelli et al.	
9,475,579 B2	10/2016	Fredericks et al.	
9,505,484 B1	11/2016	Al-Sabah	

(Continued)

FOREIGN PATENT DOCUMENTS

EP	3466812	4/2019
GB	935715	9/1963

(Continued)

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Intellectual Property Law, P.C.

(57) **CLAIM**

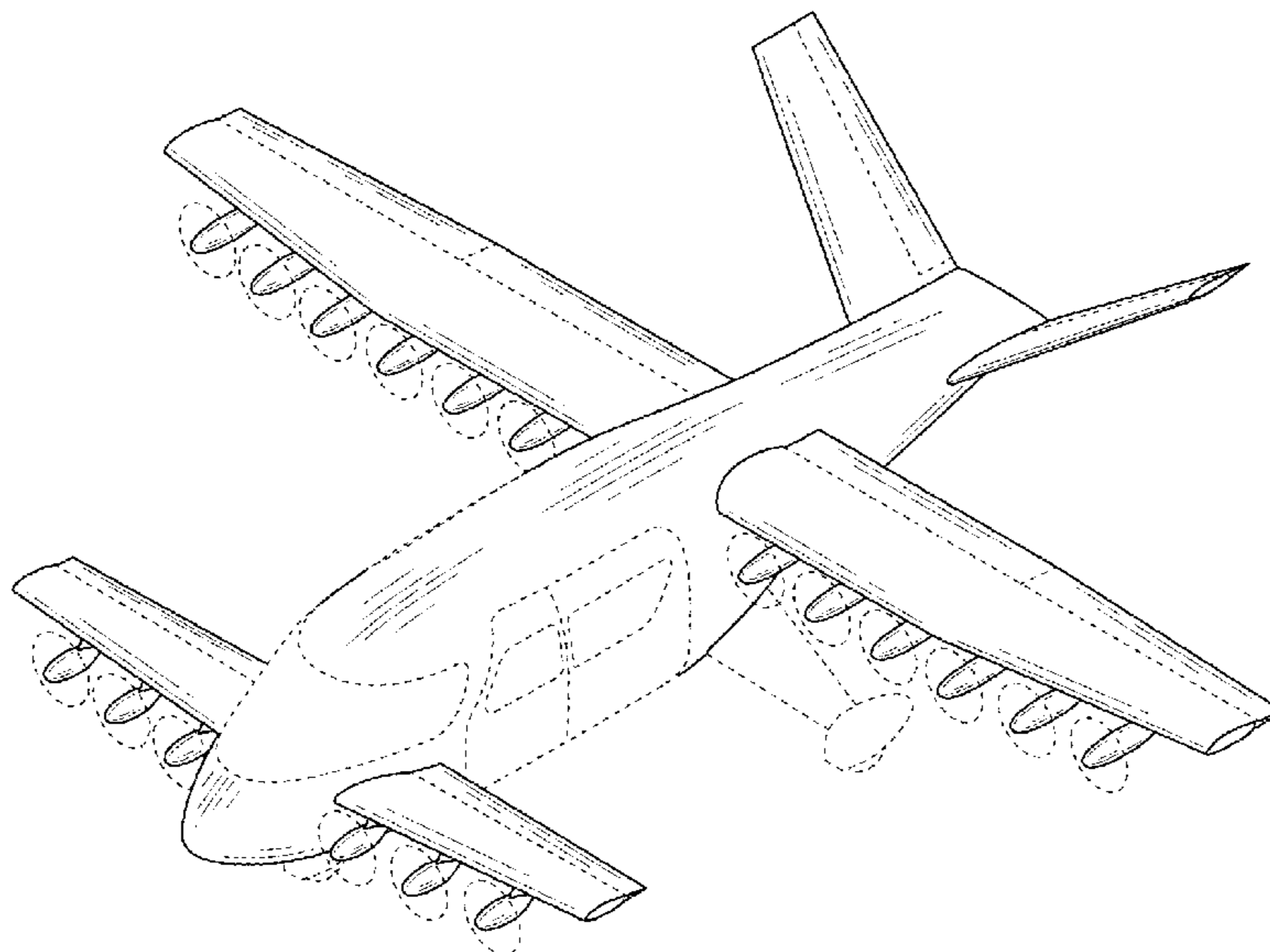
The ornamental design for an aircraft, as shown and described.

**DESCRIPTION**

FIG. 1 is a top, front, right isometric view of an aircraft showing the new design;  
FIG. 2 is a bottom, rear, left isometric view thereof;  
FIG. 3 is a front view thereof;  
FIG. 4 is a rear view thereof;  
FIG. 5 is a left side view thereof;  
FIG. 6 is a right side view thereof;  
FIG. 7 is a top view thereof; and,  
FIG. 8 is a bottom view thereof.

The broken lines shown in the drawings represent portions of the aircraft that form no part of the claimed design. The additional eighteen circular elements are for environmental purposes only and form no part thereof.

**1 Claim, 8 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

9,562,773 B2 2/2017 Paduano et al.  
 D795,160 S 8/2017 Koppenwallner  
 D799,402 S 10/2017 Cummings  
 D807,273 S 1/2018 Koppenwallner  
 D808,328 S 1/2018 Ivans et al.  
 D809,448 S 2/2018 Schmiderer et al.  
 D810,621 S 2/2018 Sadek  
 D813,143 S 3/2018 Belik et al.  
 D822,579 S 7/2018 Lienhard et al.  
 D824,321 S 7/2018 Ivans et al.  
 D824,804 S \* 8/2018 Tian ..... D12/16.1  
 D829,633 S 10/2018 Cummings  
 D832,141 S 10/2018 Ferner  
 D833,364 S 11/2018 Schmiderer et al.  
 D844,537 S 4/2019 MacAndrew et al.  
 D845,169 S 4/2019 Cui et al.  
 10,252,815 B2 4/2019 Murugappan et al.  
 D850,357 S 6/2019 Cummings  
 D872,681 S \* 1/2020 Tzarnotzky ..... D12/329

D873,200 S \* 1/2020 Langford, III ..... D12/319  
 D875,022 S \* 2/2020 Cummings ..... D12/326  
 D892,710 S \* 8/2020 Vander Lind ..... D12/344  
 D903,577 S \* 12/2020 Clark ..... D12/326  
 D903,578 S \* 12/2020 Crabill ..... D12/326  
 D905,614 S \* 12/2020 Ignatiev ..... D12/343  
 2015/0344134 A1 12/2015 Cruz Ayoroa  
 2017/0003690 A1 1/2017 Tanahashi  
 2018/0079503 A1 3/2018 Ivans et al.  
 2018/0162525 A1 6/2018 St. Clair et al.  
 2019/0127056 A1 5/2019 Weekes et al.  
 2019/0135424 A1 5/2019 Baity et al.  
 2019/0291863 A1 9/2019 Lyasoff et al.

FOREIGN PATENT DOCUMENTS

WO WO 2015/143093 9/2015  
 WO WO 2016/018486 2/2016  
 WO WO 2019/202325 10/2019  
 WO WO 2019/211875 11/2019

\* cited by examiner

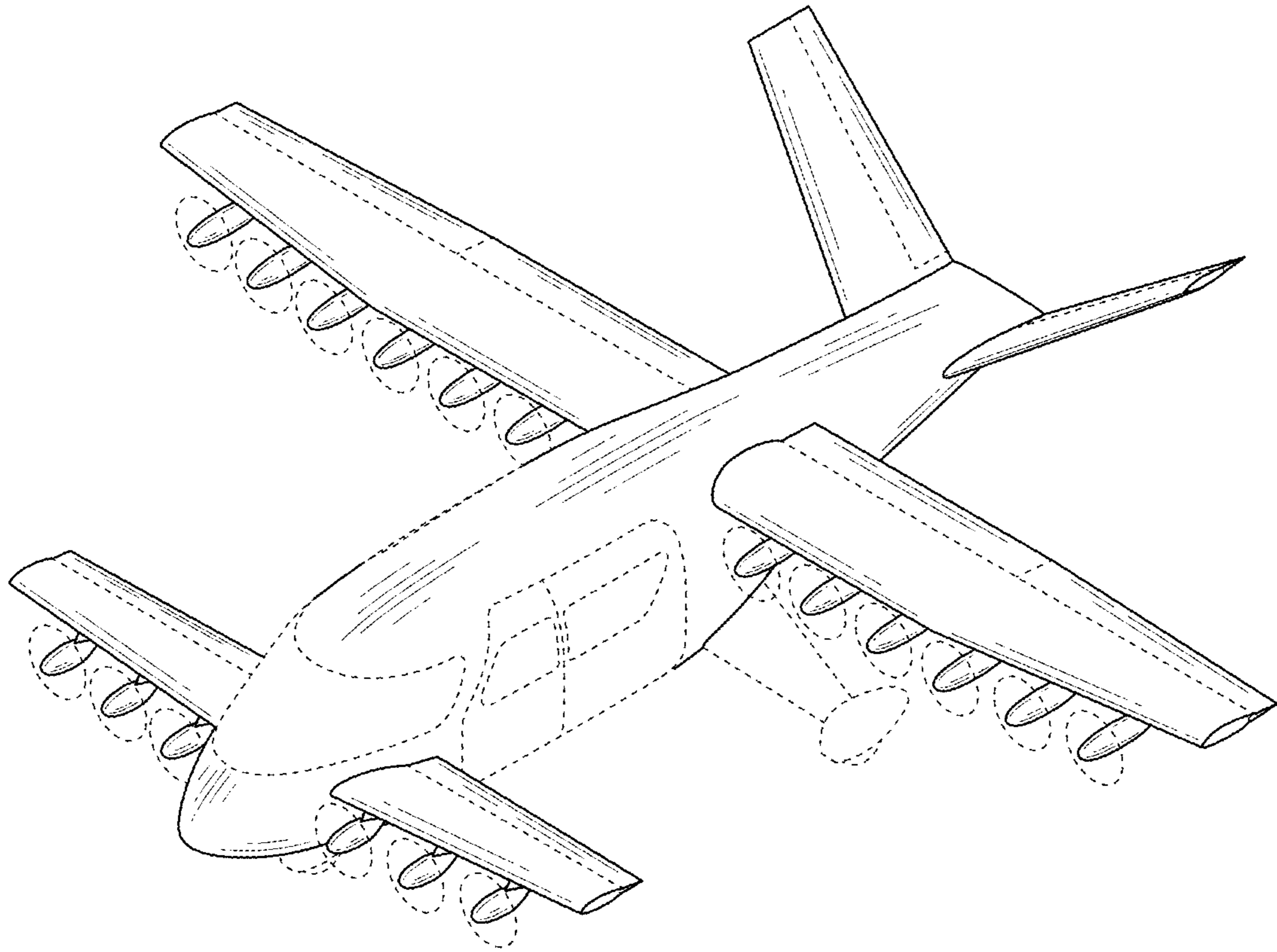


FIG. 1

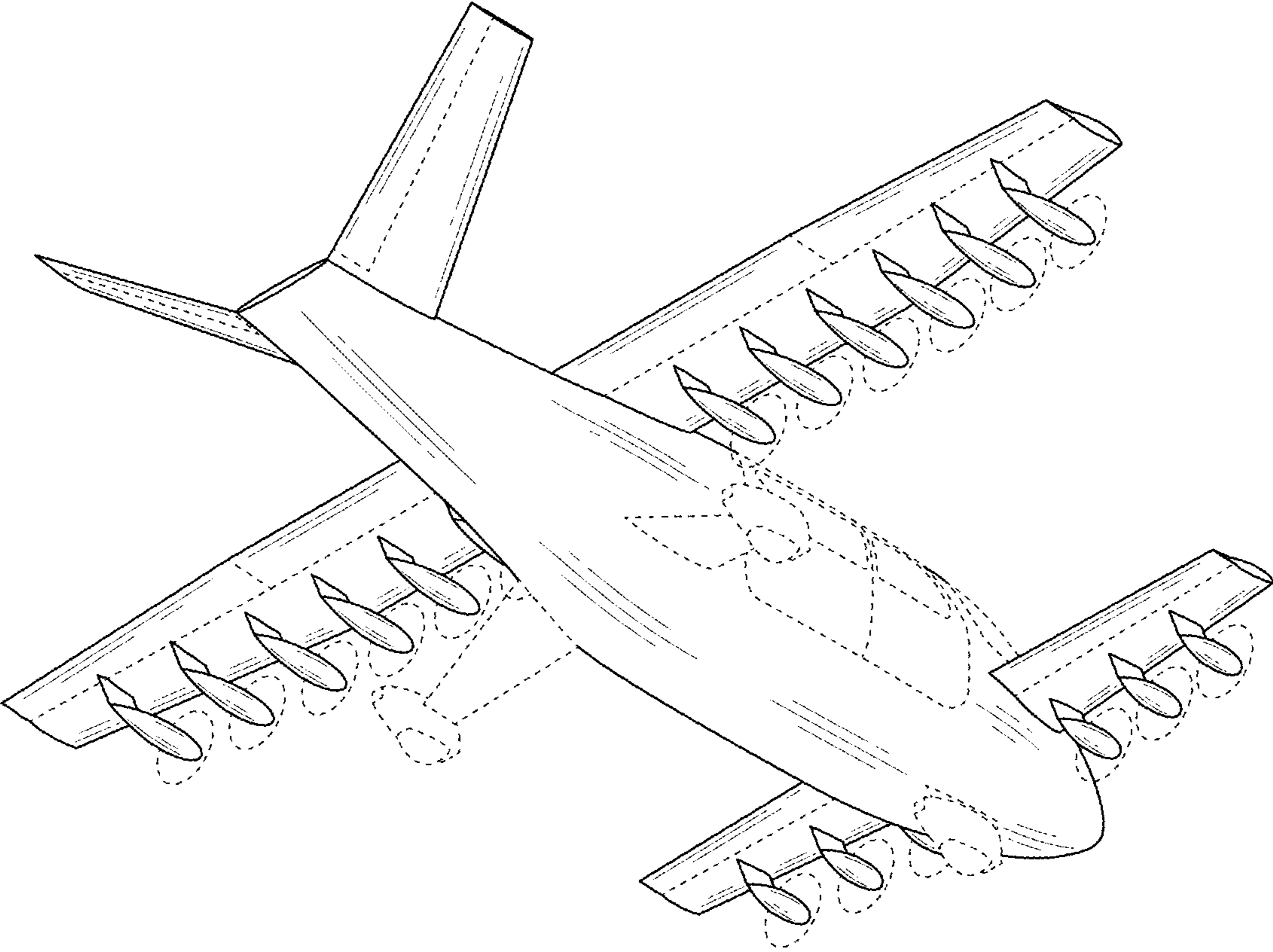


FIG. 2

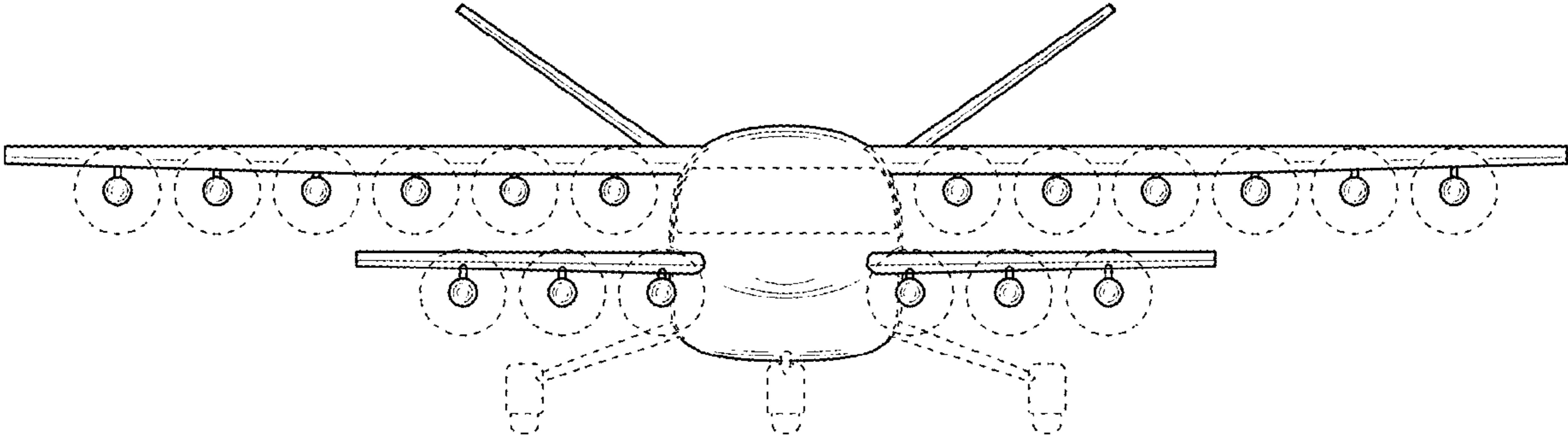


FIG. 3

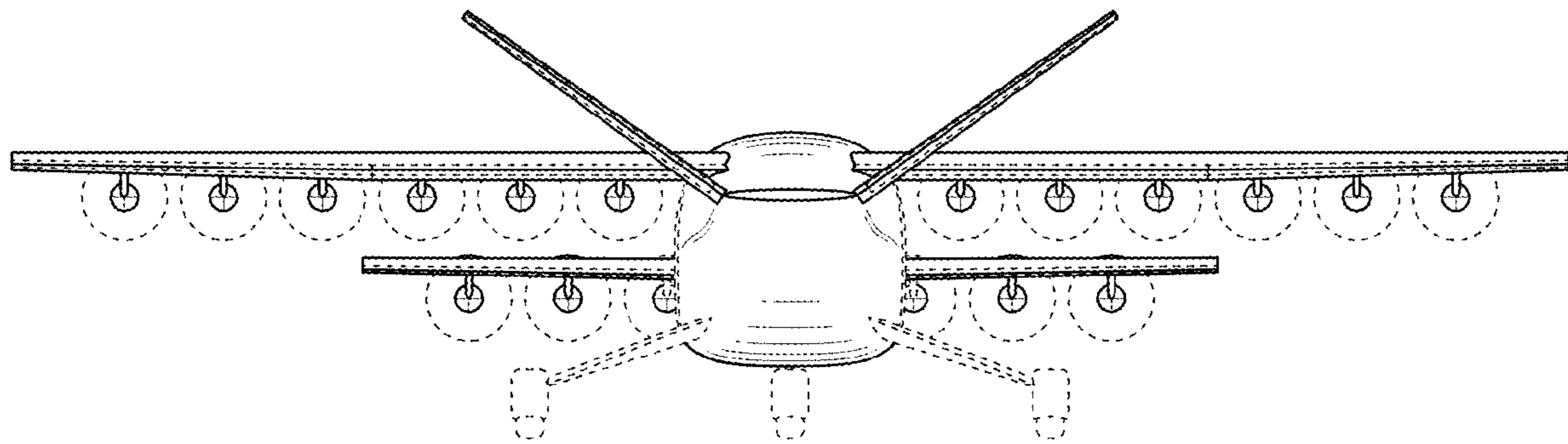


FIG. 4

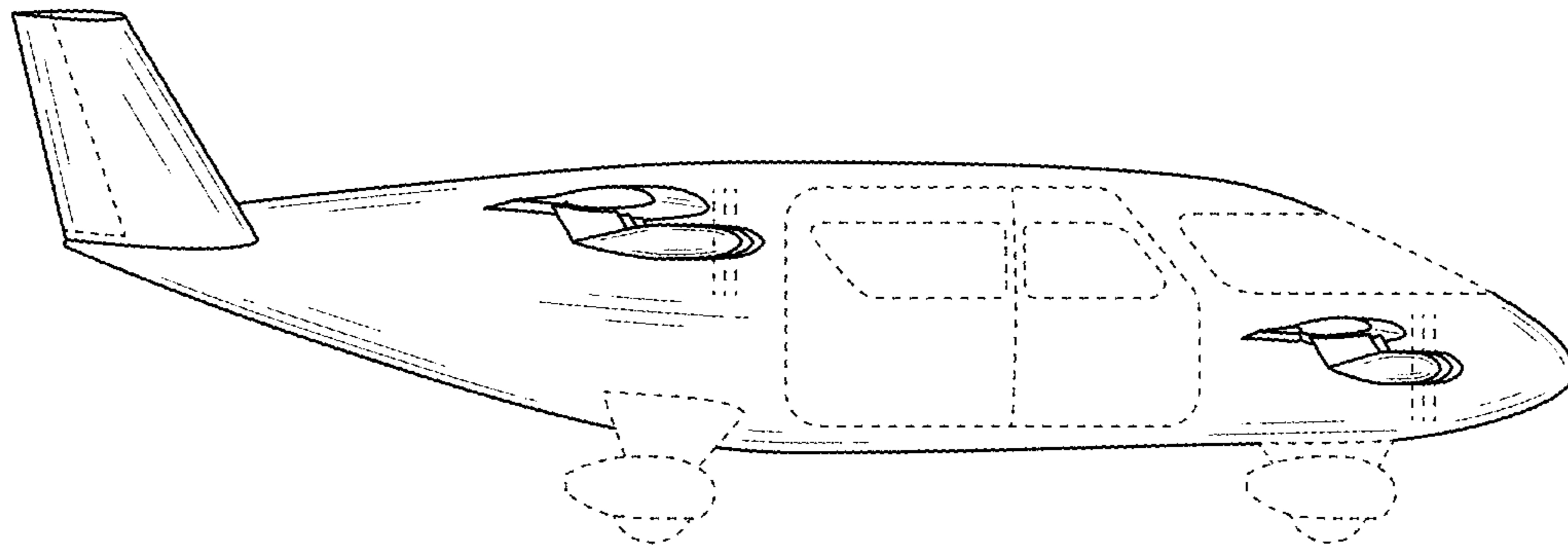


FIG. 5

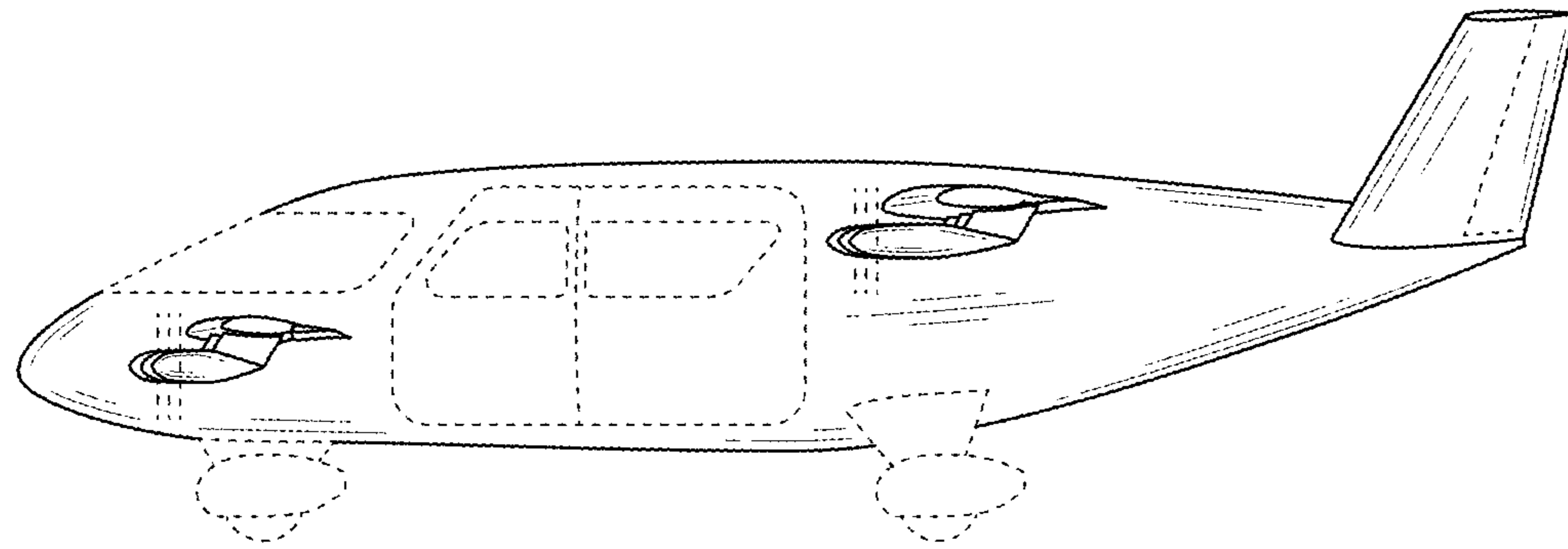


FIG. 6



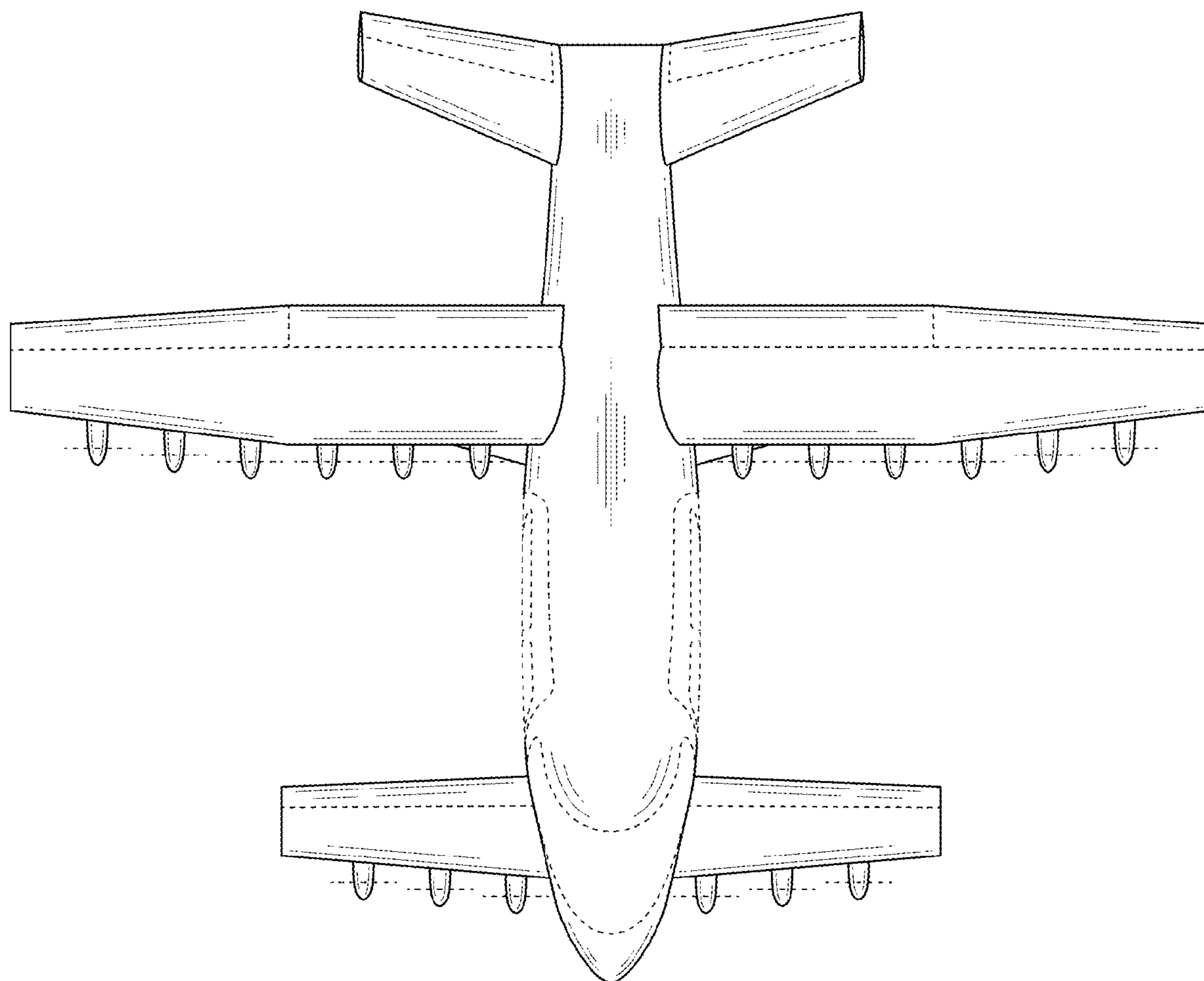


FIG. 7

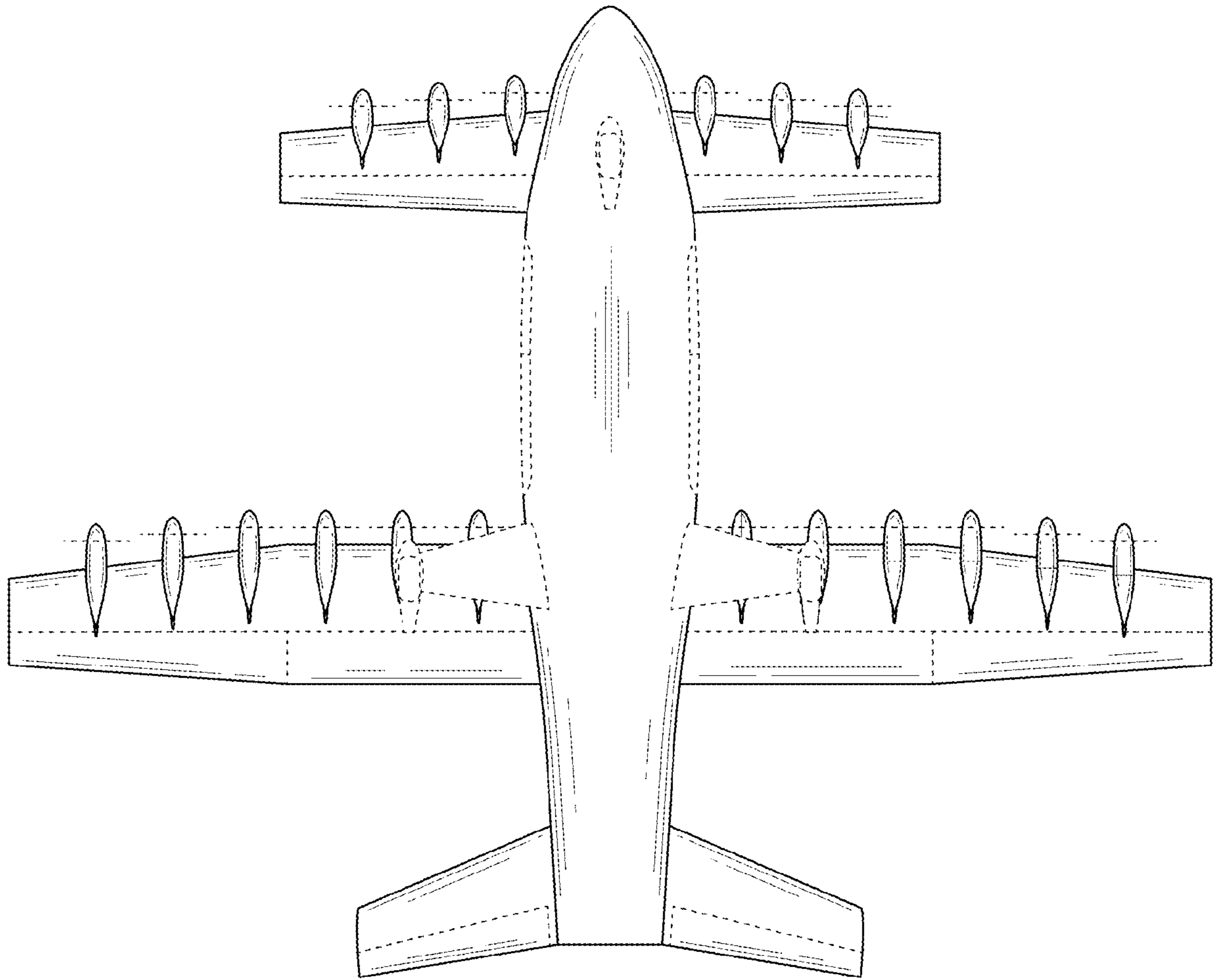


FIG. 8

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : D945,947 S  
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INVENTOR(S) : Tony Shuo Tao

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page

Item “(73) Assignee,” the text should be changed to --AURORA FLIGHT SCIENCES CORPORATION, a subsidiary of THE BOEING COMPANY, Manassas, VA (US)--.

Signed and Sealed this  
Fifth Day of July, 2022



Katherine Kelly Vidal  
*Director of the United States Patent and Trademark Office*