



US00D875022S

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

(10) **Patent No.:** **US D875,022 S**

(45) **Date of Patent:** **** Feb. 11, 2020**

(54) **VERTICAL TAKE-OFF AND LANDING AIRCRAFT**

(71) Applicant: **Darold B Cummings**, Coeur D'Alene, ID (US)

(72) Inventor: **Darold B Cummings**, Coeur D'Alene, ID (US)

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

(21) Appl. No.: **29/656,612**

(22) Filed: **Jul. 13, 2018**

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

(52) **U.S. Cl.**
USPC **D12/326**

(58) **Field of Classification Search**
USPC D12/1-4, 16.1, 319-345; D21/436-454
CPC B64C 39/024; B64C 13/16; B64C 19/00;
B64C 2201/021; B64C 2201/141; B60H
1/3442
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D112,834 S *	1/1939	Seversky	.....	D12/324
D342,934 S *	1/1994	Weitemier	.....	D12/300
5,415,365 A *	5/1995	Ratliff	.....	B64C 35/00
				114/271
D571,708 S *	6/2008	Wai	.....	D12/319
D605,576 S *	12/2009	Posva	.....	D12/343
D618,591 S *	6/2010	Nagapetyan	.....	D12/3
D627,404 S *	11/2010	Suzuki	.....	D12/319
D678,169 S *	3/2013	Kennelly	.....	D12/319
D760,638 S *	7/2016	Beskar	.....	D12/344
D799,402 S	10/2017	Cummings		
9,898,033 B1 *	2/2018	Long	.....	G01D 5/145
D822,579 S *	7/2018	Lienhard	.....	D12/328
D824,804 S *	8/2018	Tian	.....	D12/16.1
10,081,436 B1 *	9/2018	Tian	.....	B64D 31/00
D832,154 S *	10/2018	Tian	.....	D12/161

D843,306 S *	3/2019	Tzarnotzky	.....	D12/329
D843,889 S *	3/2019	Merrill	.....	D12/16.1
D843,919 S *	3/2019	Tzarnotzky	.....	D12/329
10,259,563 B2 *	4/2019	Long	.....	B64C 11/02
D852,092 S *	6/2019	Woodworth	.....	D12/16.1
10,308,360 B2 *	6/2019	Sopper	.....	B65D 5/18
10,322,814 B1 *	6/2019	Tian	.....	B64D 31/00
D852,720 S *	7/2019	Zeldin	.....	D12/320
D852,825 S *	7/2019	Selwa	.....	D14/485

(Continued)

Primary Examiner — Marissa J Cash

(74) *Attorney, Agent, or Firm* — Morland C. Fischer

(57) **CLAIM**

The ornamental design for a vertical take-off and landing aircraft, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view showing the top, left side and front of a vertical take-off and landing aircraft shown in a first configuration of use;

FIG. 2 is a top plan view thereof;

FIG. 3 is a left side elevational view thereof;

FIG. 4 is a bottom plan view thereof;

FIG. 5 is a right side elevational view thereof;

FIG. 6 is a front elevational view thereof;

FIG. 7 is a rear elevational view thereof;

FIG. 8 is a perspective view showing the top, left side and front of a vertical take-off and landing aircraft shown in an alternate configuration of use;

FIG. 9 is a top plan view thereof;

FIG. 10 is a left side elevational view thereof;

FIG. 11 is a bottom plan view thereof;

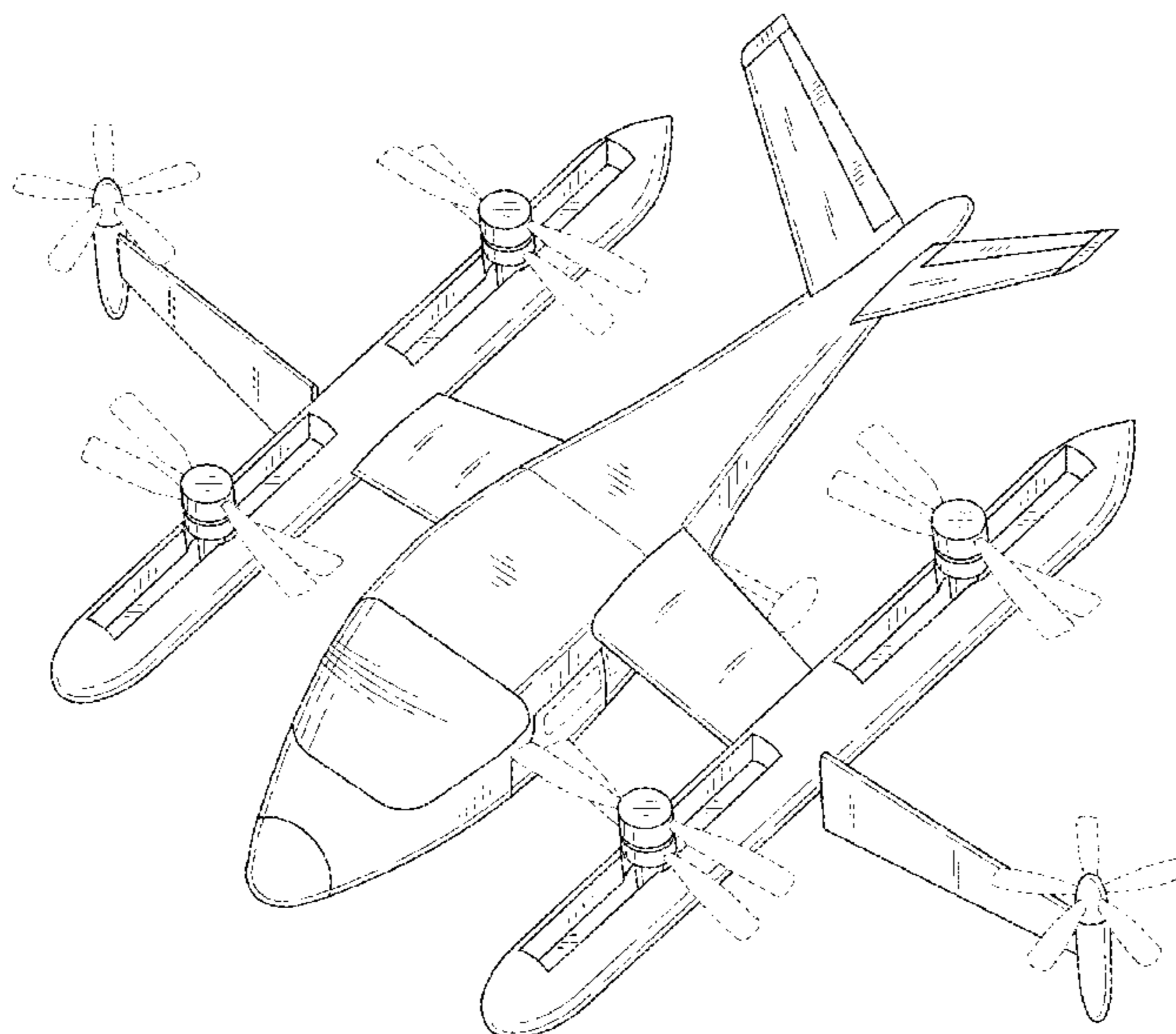
FIG. 12 is a right side elevational thereof;

FIG. 13 is a front elevational view thereof; and,

FIG. 14 is a rear elevational view thereof.

The broken lines in the drawings depict portions of the vertical take-off and landing aircraft that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

10,340,820 B2 * 7/2019 Woodworth B64C 39/024
2014/0158815 A1 * 6/2014 Renteria B64C 29/0025
244/12.1
2016/0236774 A1 * 8/2016 Niedzballa B64C 27/30
2017/0300067 A1 * 10/2017 Douglas B64C 29/0025
2018/0290735 A1 * 10/2018 Uptigrove B64D 35/04
2018/0297711 A1 * 10/2018 Oldroyd B64D 31/06

* cited by examiner

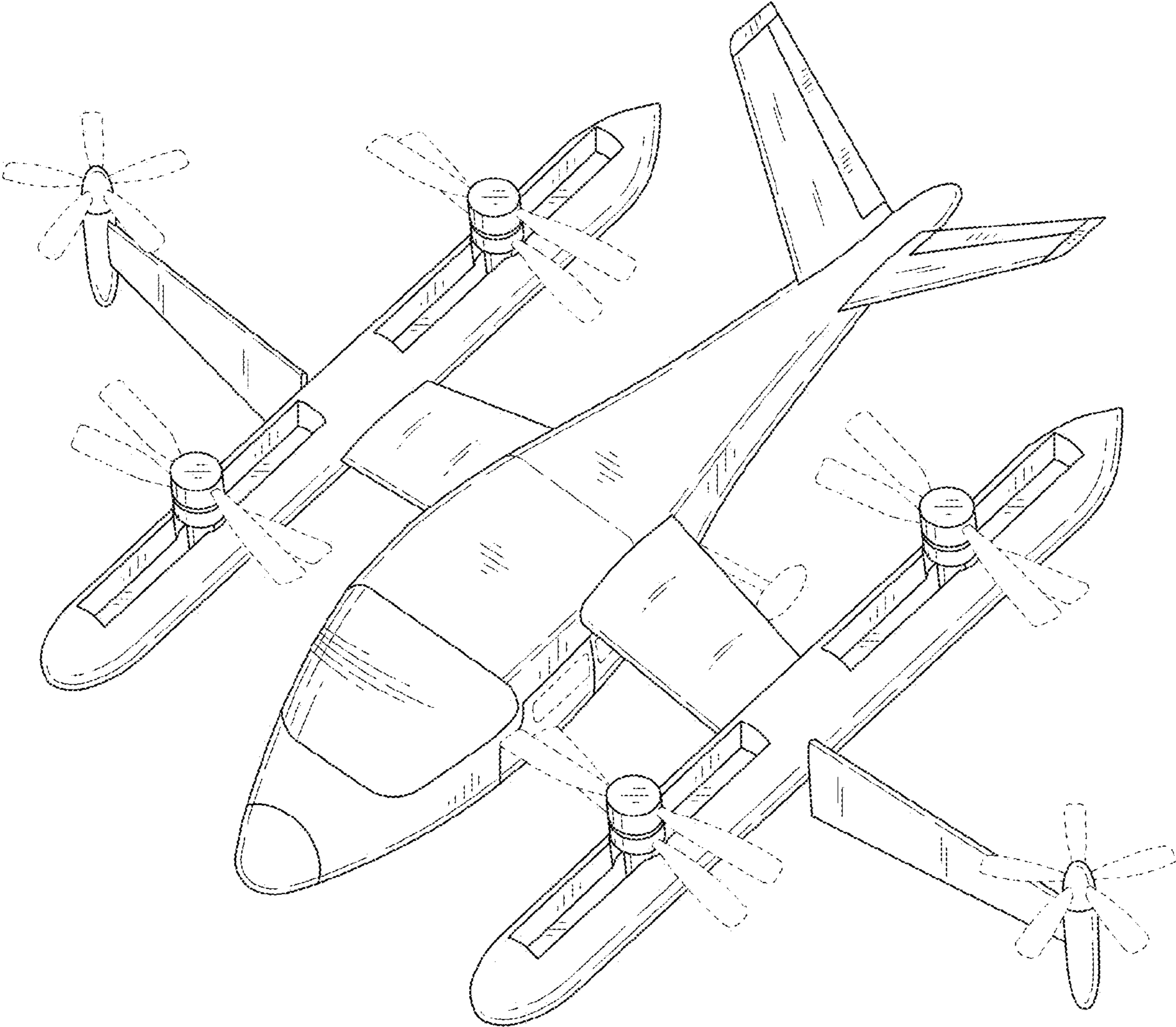


FIG. 1

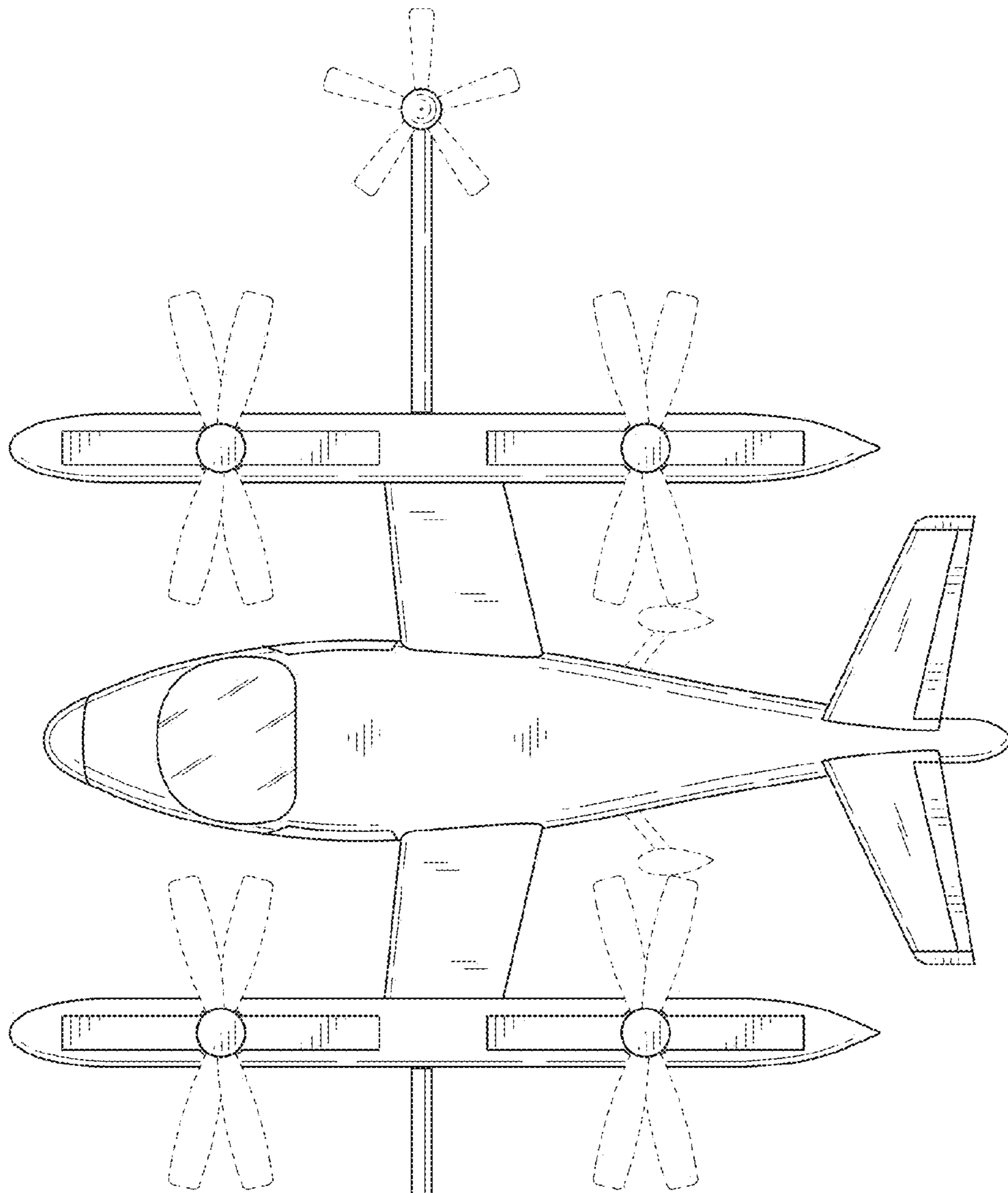


FIG. 2

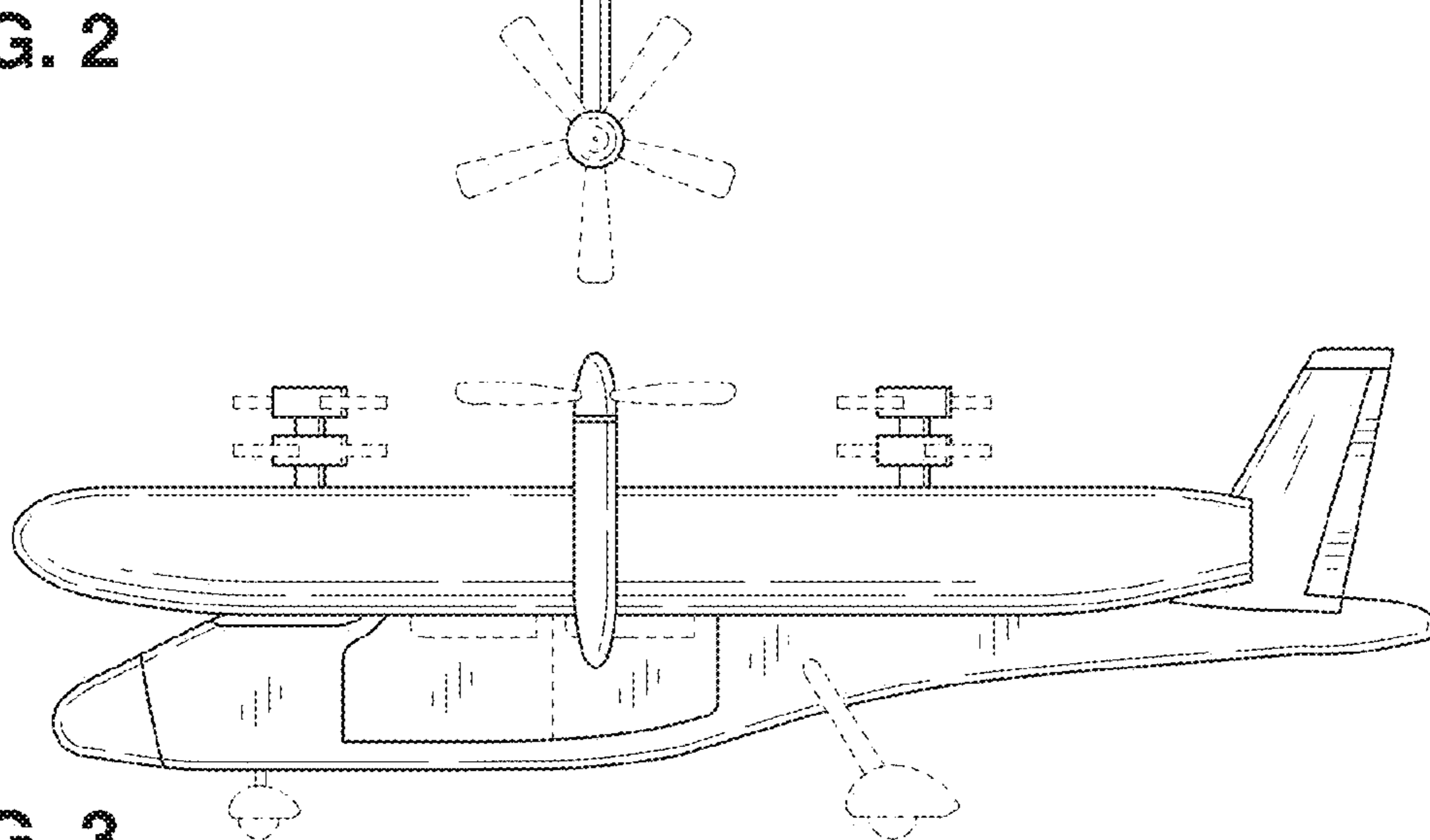


FIG. 3

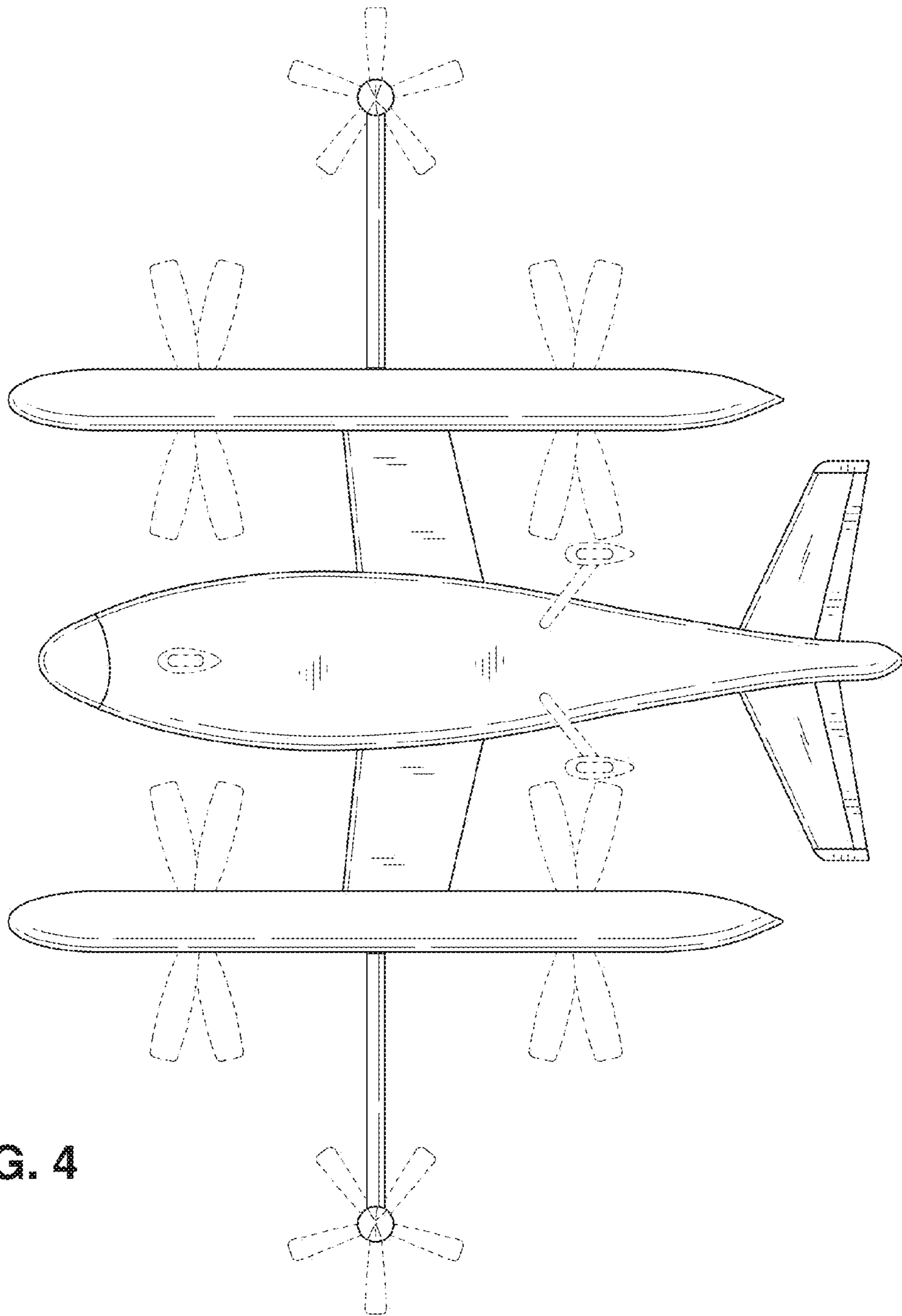


FIG. 4

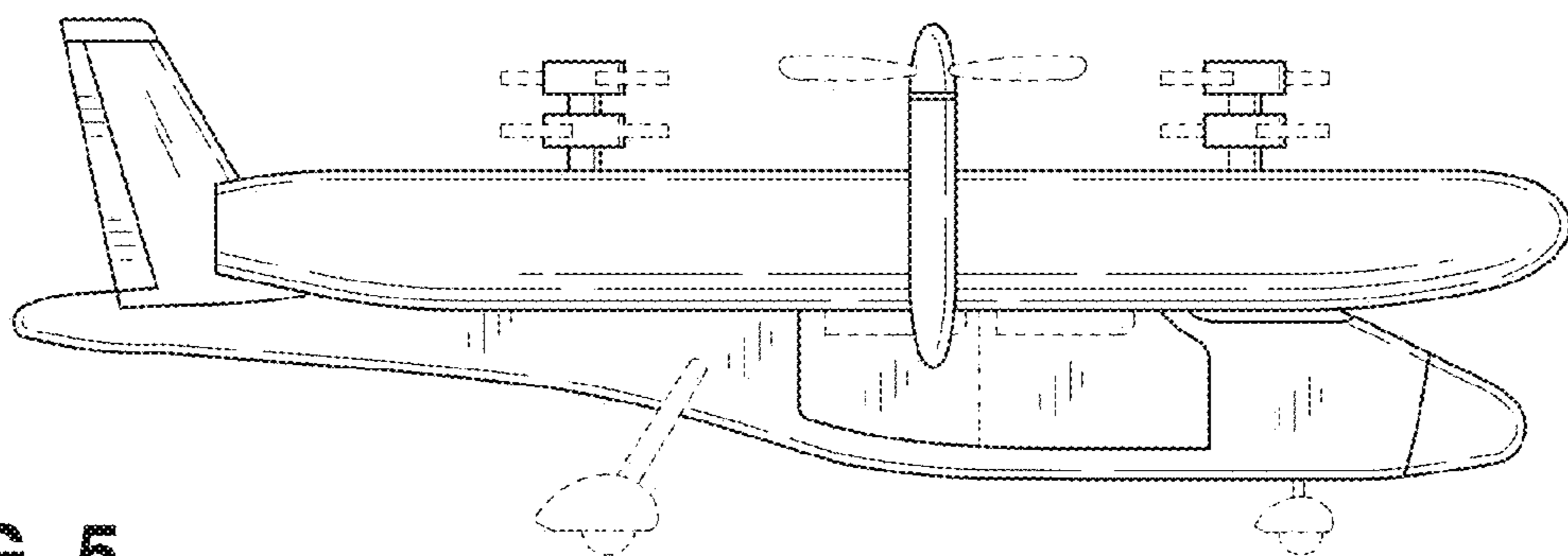


FIG. 5

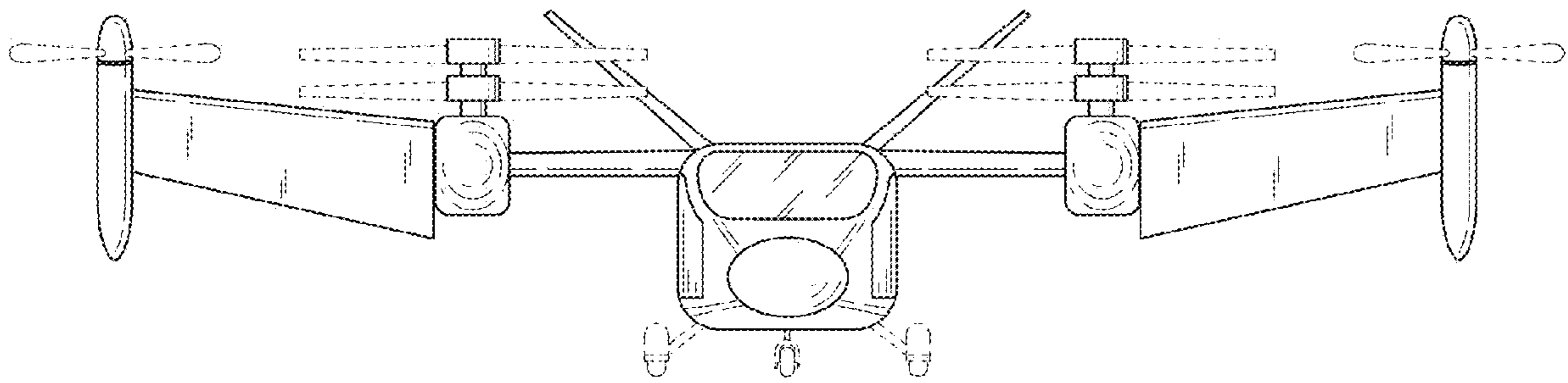


FIG. 6

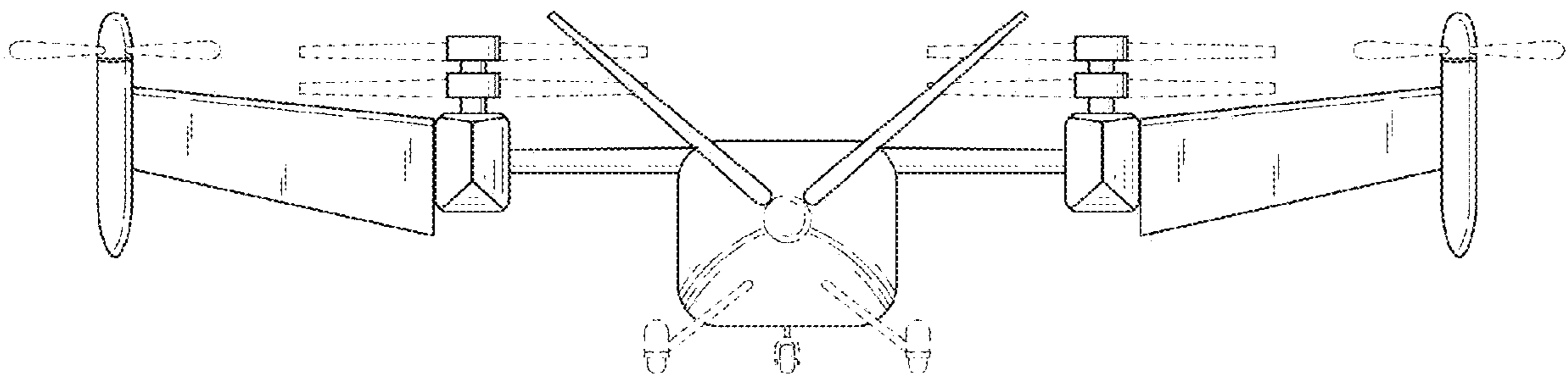


FIG. 7

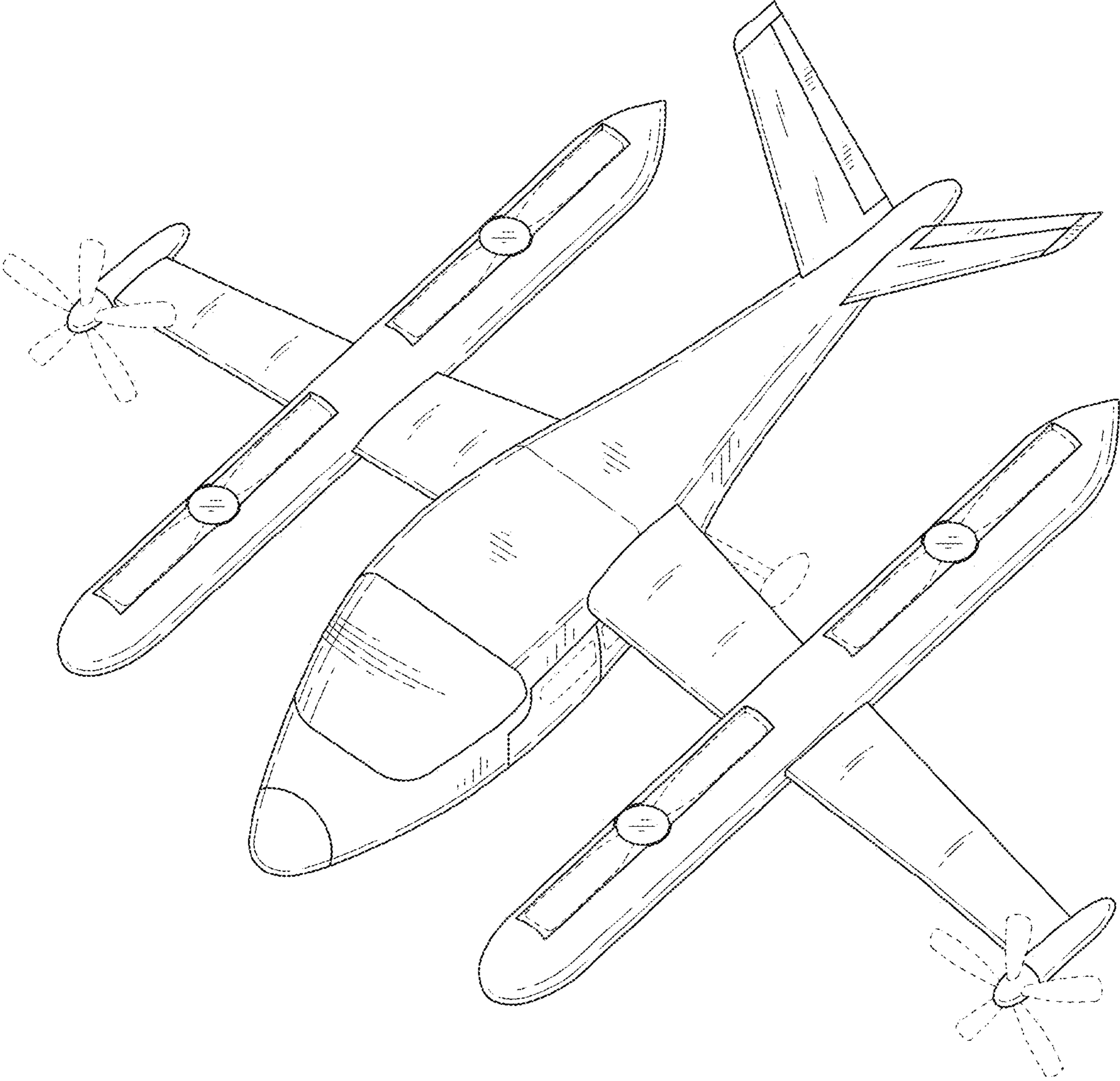


FIG. 8

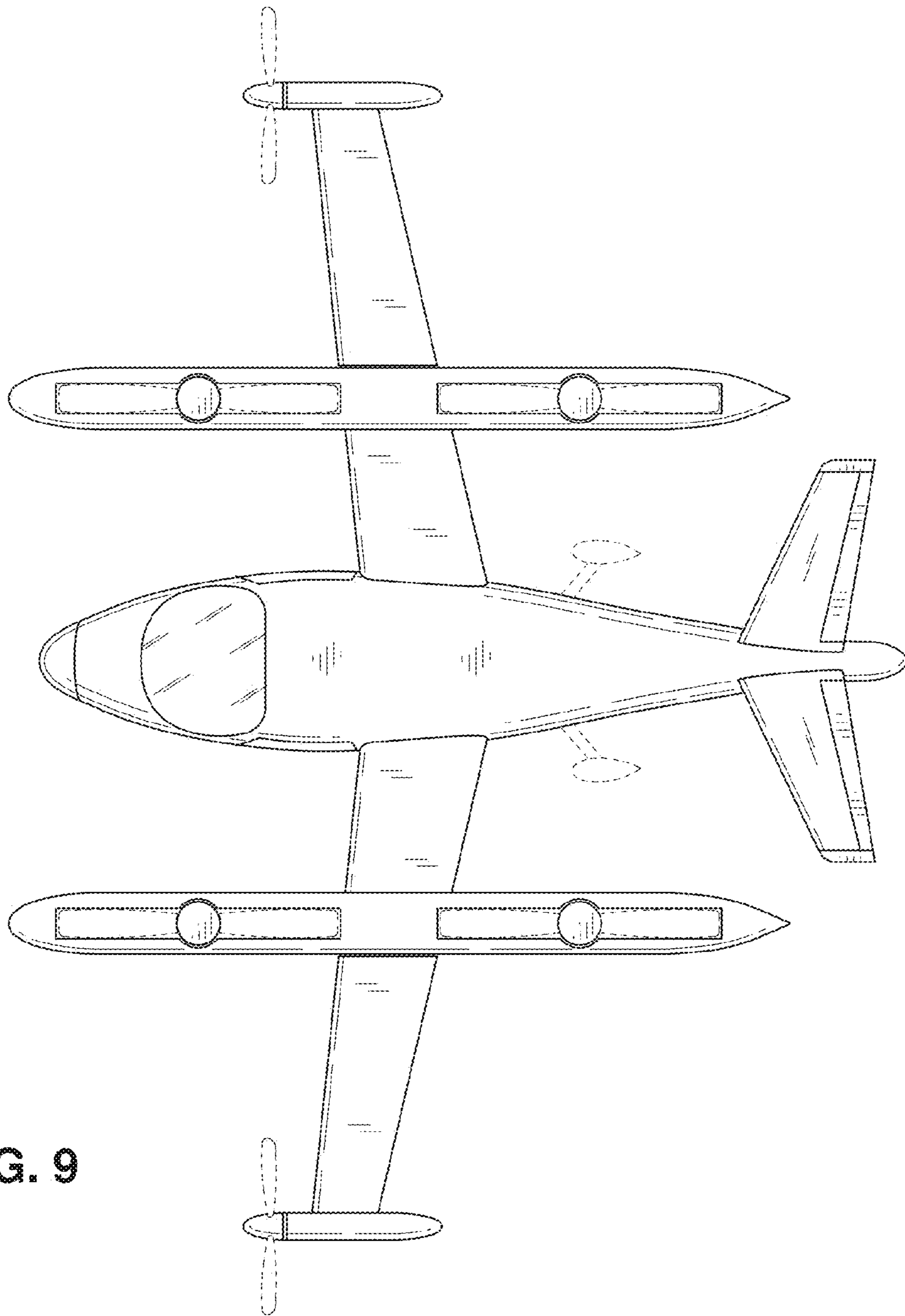


FIG. 9

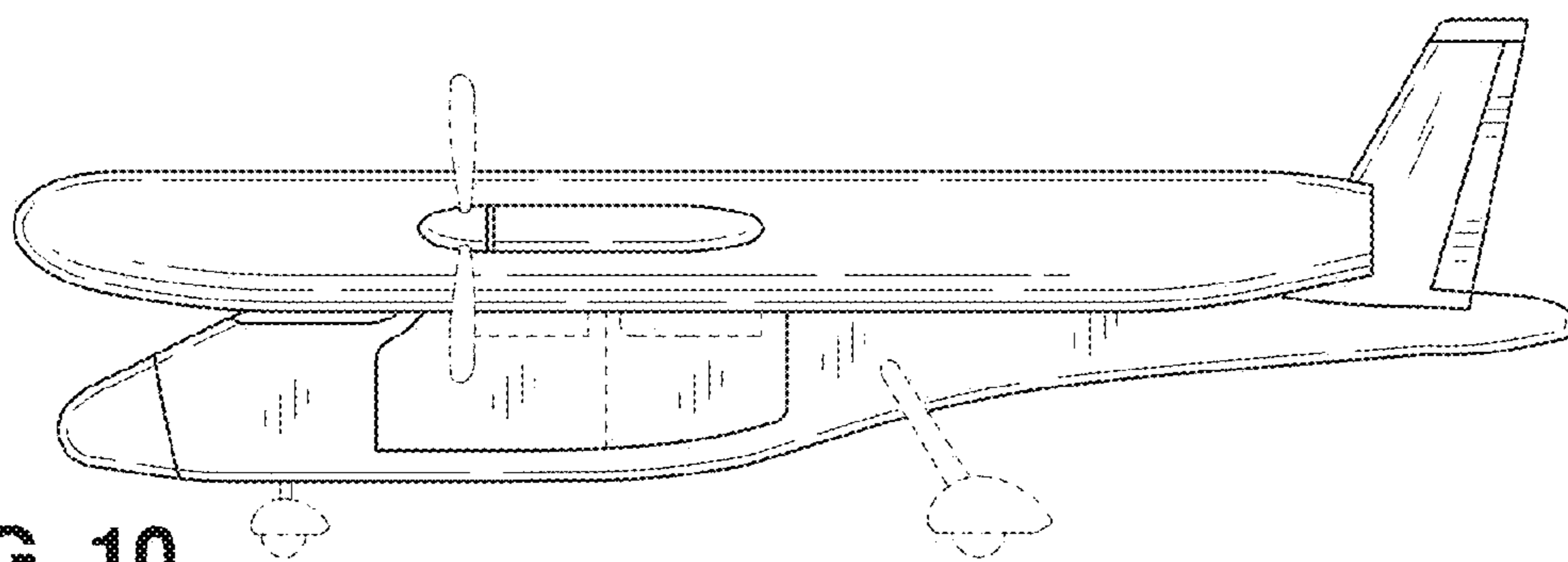


FIG. 10

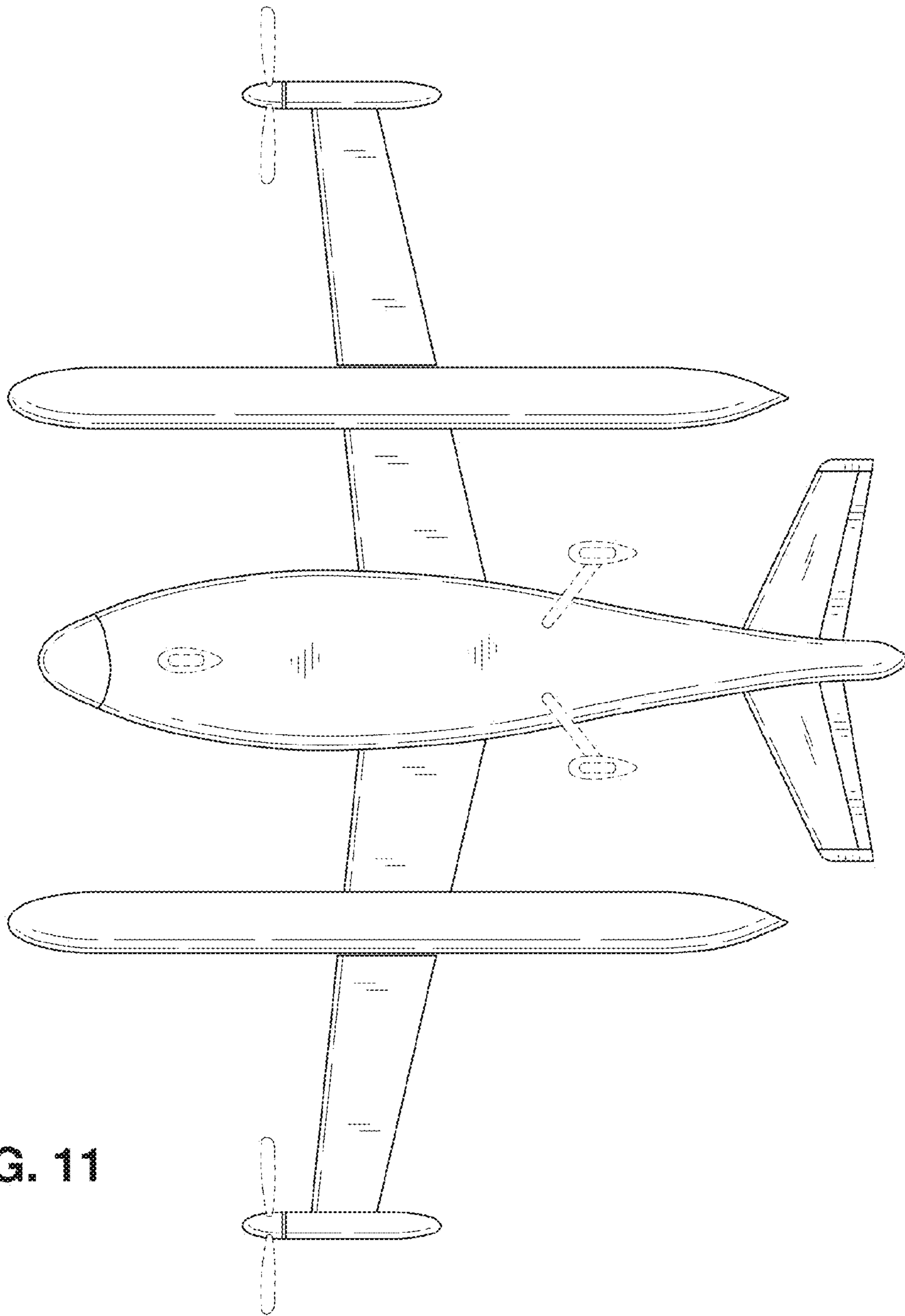


FIG. 11

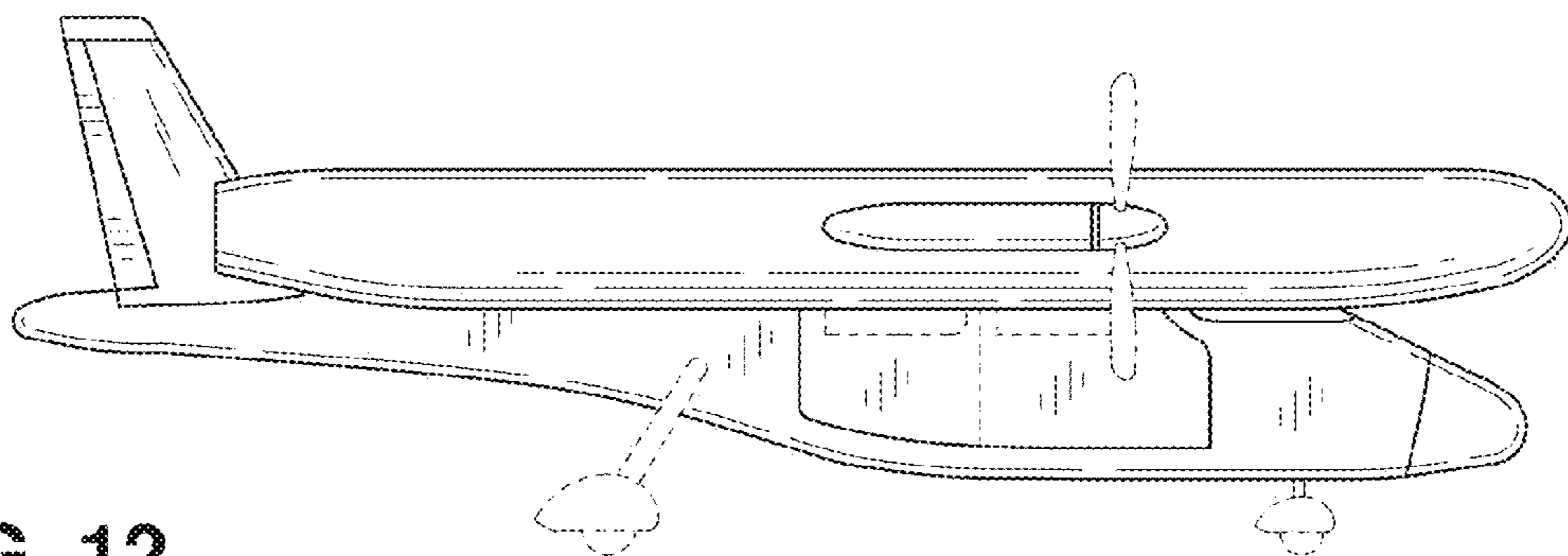


FIG. 12

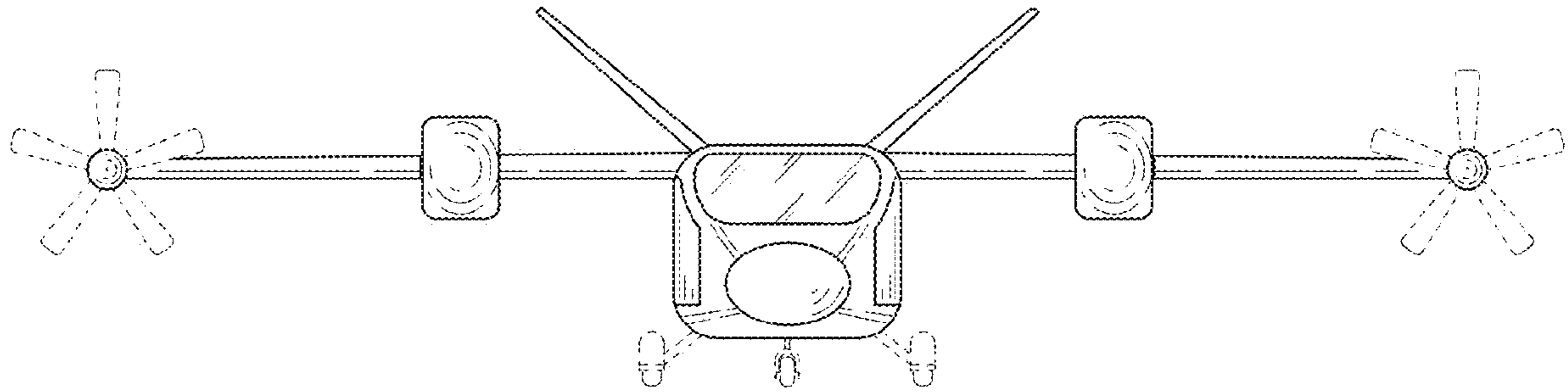


FIG. 13

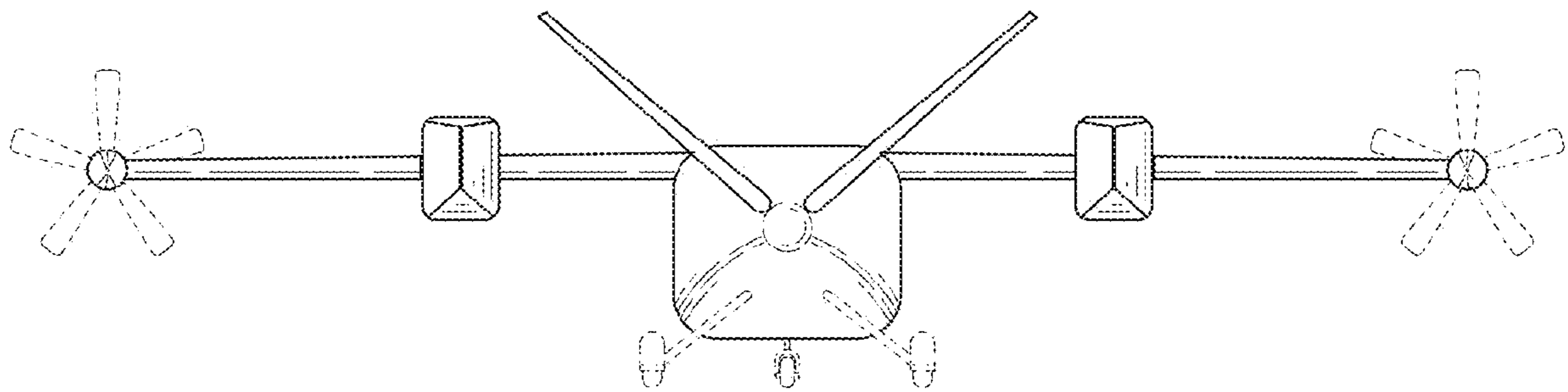


FIG. 14