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(12) **United States Design Patent** (10) **Patent No.:** **US D980,747 S**
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(54) **QUADCOPTER DRONE**

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

(21) Appl. No.: **29/740,654**

(22) Filed: **Jul. 6, 2020**

(51) **LOC (14) Cl.** **12-06**

(52) **U.S. Cl.**
USPC **D12/16.1; D12/328**

(58) **Field of Classification Search**
USPC D12/1-4, 16.1, 319-345; D21/436, 441, D21/442, 443, 444, 446, 447, 448, 449, D21/450, 451, 453, 455
CPC ... B64C 2201/021; B64C 13/16; B64C 19/00; B64C 2201/141; B64C 2201/102; B60H 1/3442

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D628,658 S	*	12/2010	Wurm	.....	D21/442
D741,779 S	*	10/2015	Hsiao	.....	D21/441
D782,365 S	*	3/2017	Hung	.....	D21/441
D800,602 S	*	10/2017	Hsiao	.....	D12/328
D801,223 S	*	10/2017	Hsiao	.....	D12/16.1

D852,673 S	*	7/2019	Chen	.....	D12/16.1
D866,396 S	*	11/2019	Chen	.....	D12/16.1
D906,881 S	*	1/2021	Chen	.....	D21/441
D918,087 S	*	5/2021	He	.....	D12/319
D971,079 S	*	11/2022	Li	.....	D12/16.1
2019/0248486 A1	*	8/2019	Chen	.....	B64C 27/006
2020/0086981 A1	*	3/2020	Wong	.....	B64C 25/68
2022/0001971 A1	*	1/2022	McKeehan	.....	B64C 1/30
2022/0001980 A1	*	1/2022	McKeehan	.....	B64C 1/063
2022/0249722 A1	*	8/2022	Huitron	.....	B25J 11/0085

OTHER PUBLICATIONS

Boy scouts offer drone flight school. by News Director. dated Apr. 30, 2021. found online [Dec. 15, 2022] <https://gilaherald.com/boy-scouts-offer-drone-flight-school-this-summer/>.*

* cited by examiner

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(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a front, left, top perspective view of a quadcopter drone.

FIG. 2 is a rear, right, bottom perspective view thereof;

FIG. 3 is a front elevational view thereof;

FIG. 4 is a rear elevational view thereof;

FIG. 5 is right side elevational view thereof;

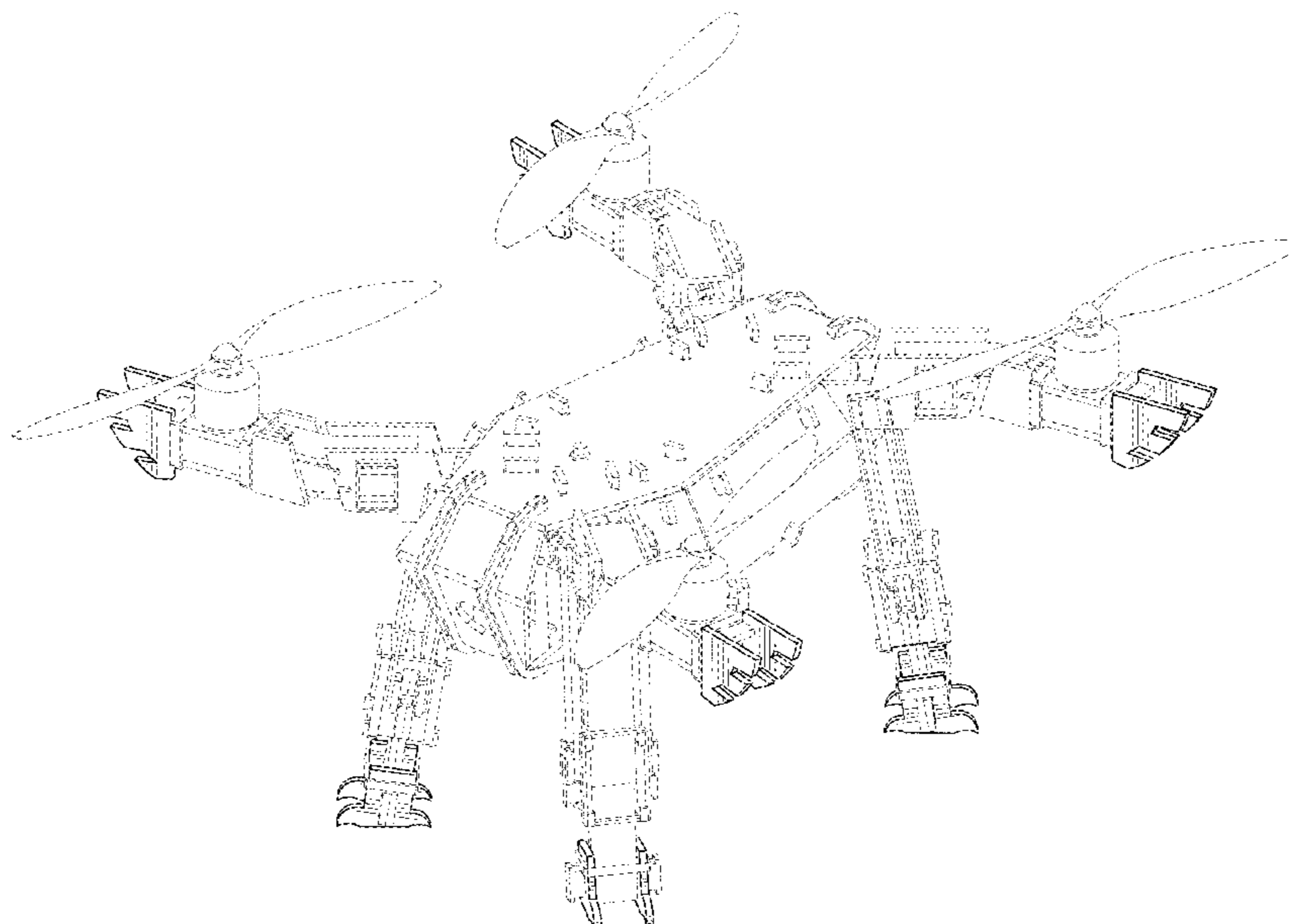
FIG. 6 is left side elevational view thereof;

FIG. 7 is a top plan view thereof; and,

FIG. 8 is a bottom plan view thereof.

The broken lines in the drawings depict portions of the quadcopter drone that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



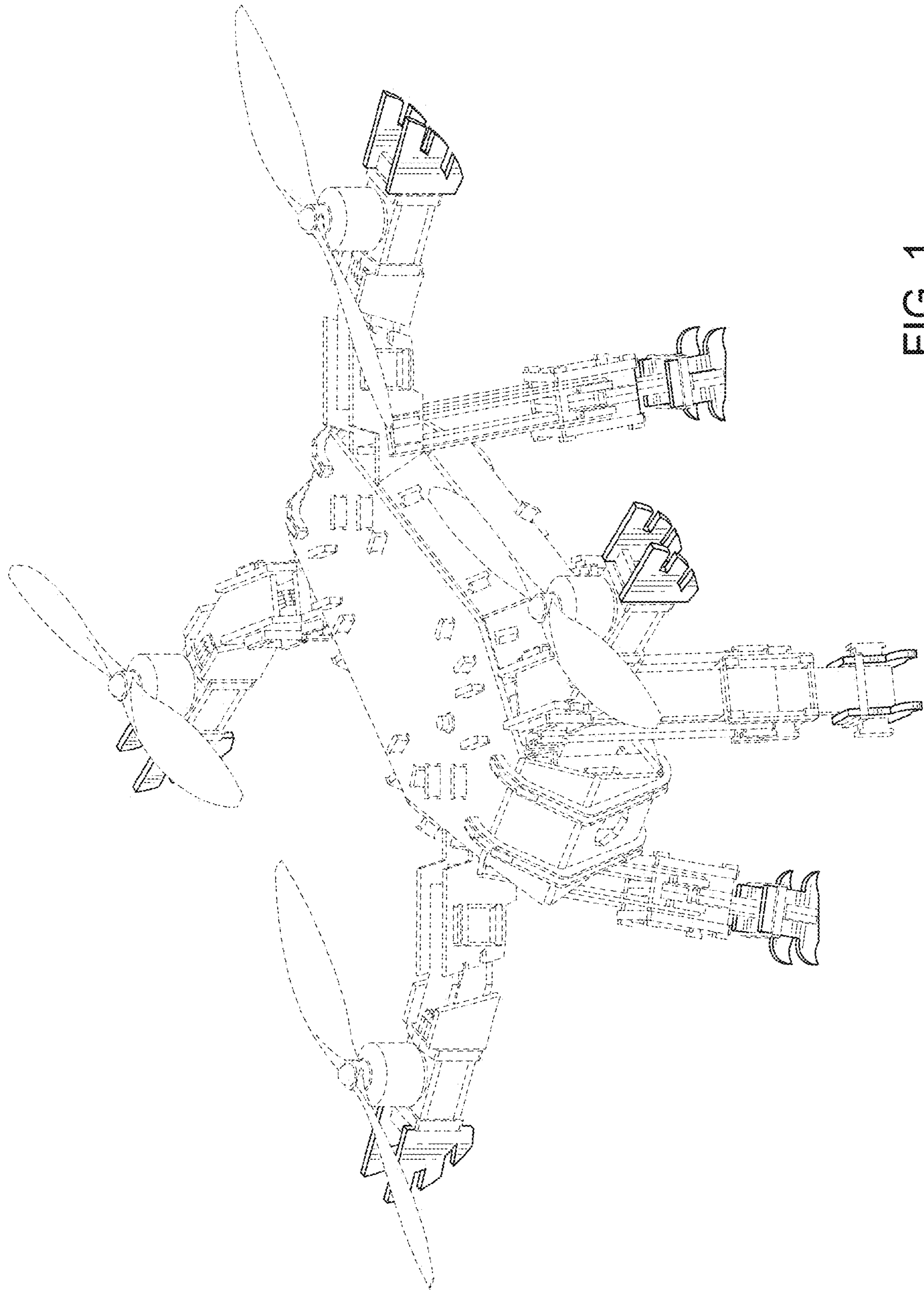


FIG. 1

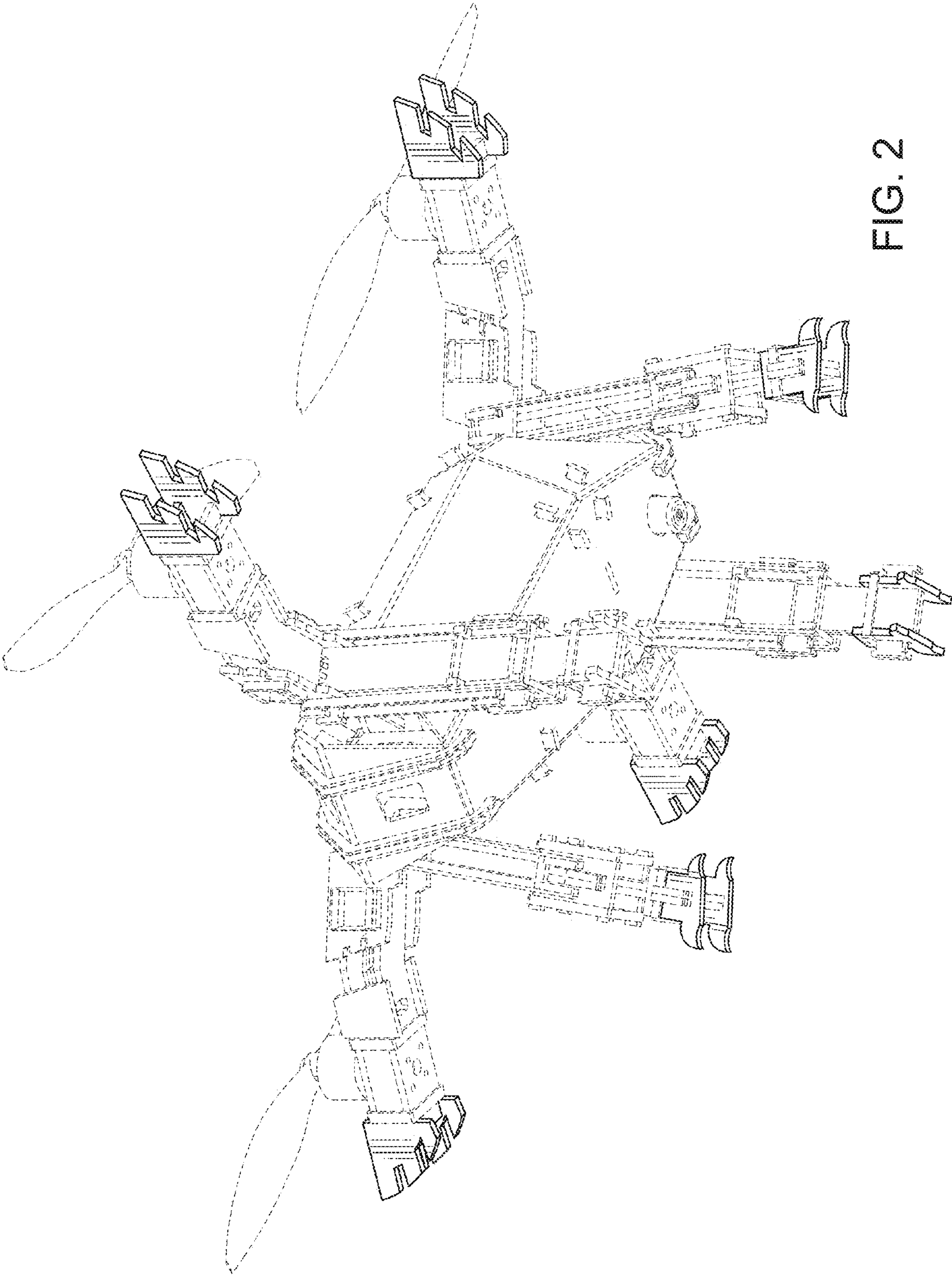


FIG. 2

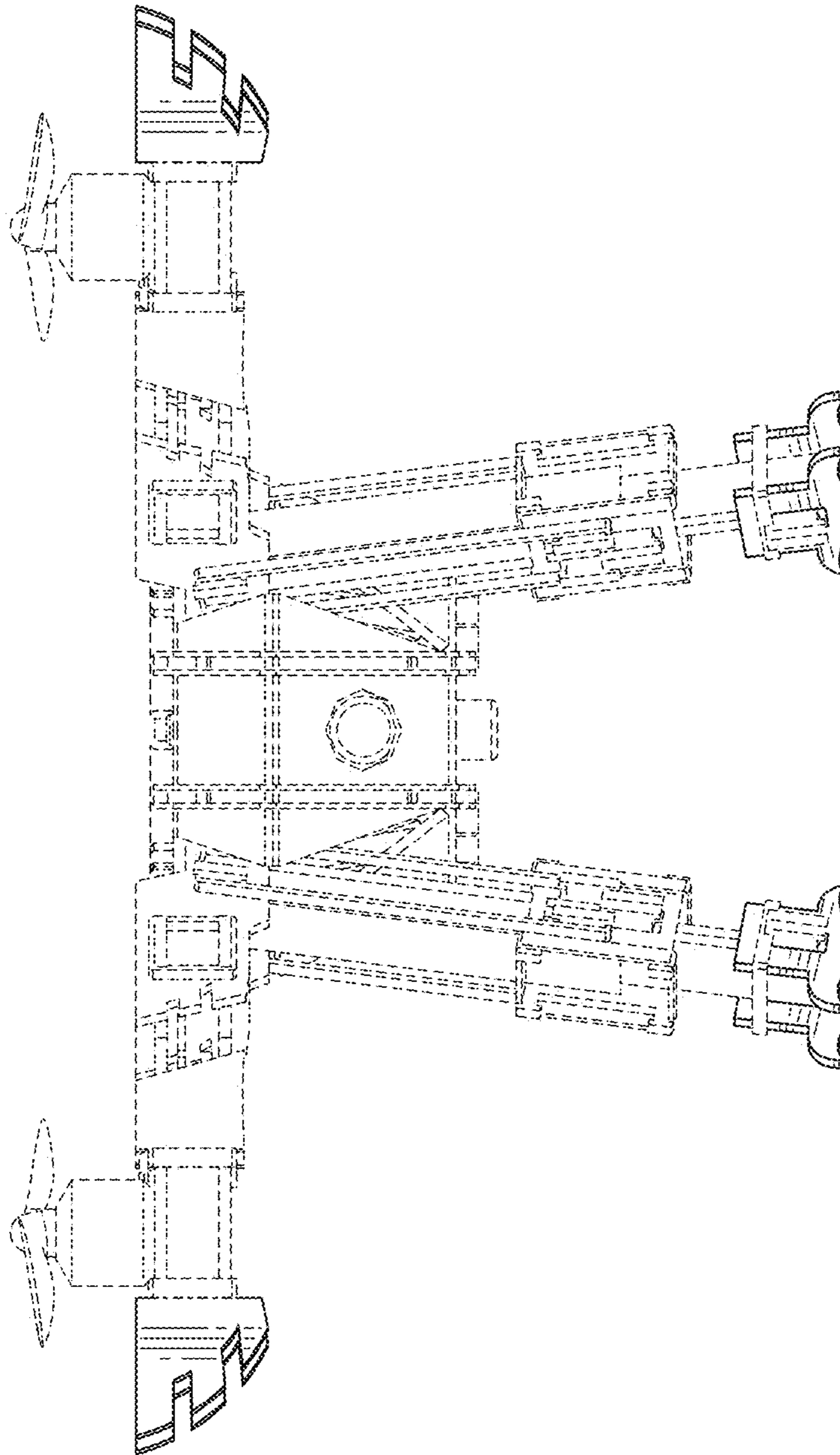


FIG. 3

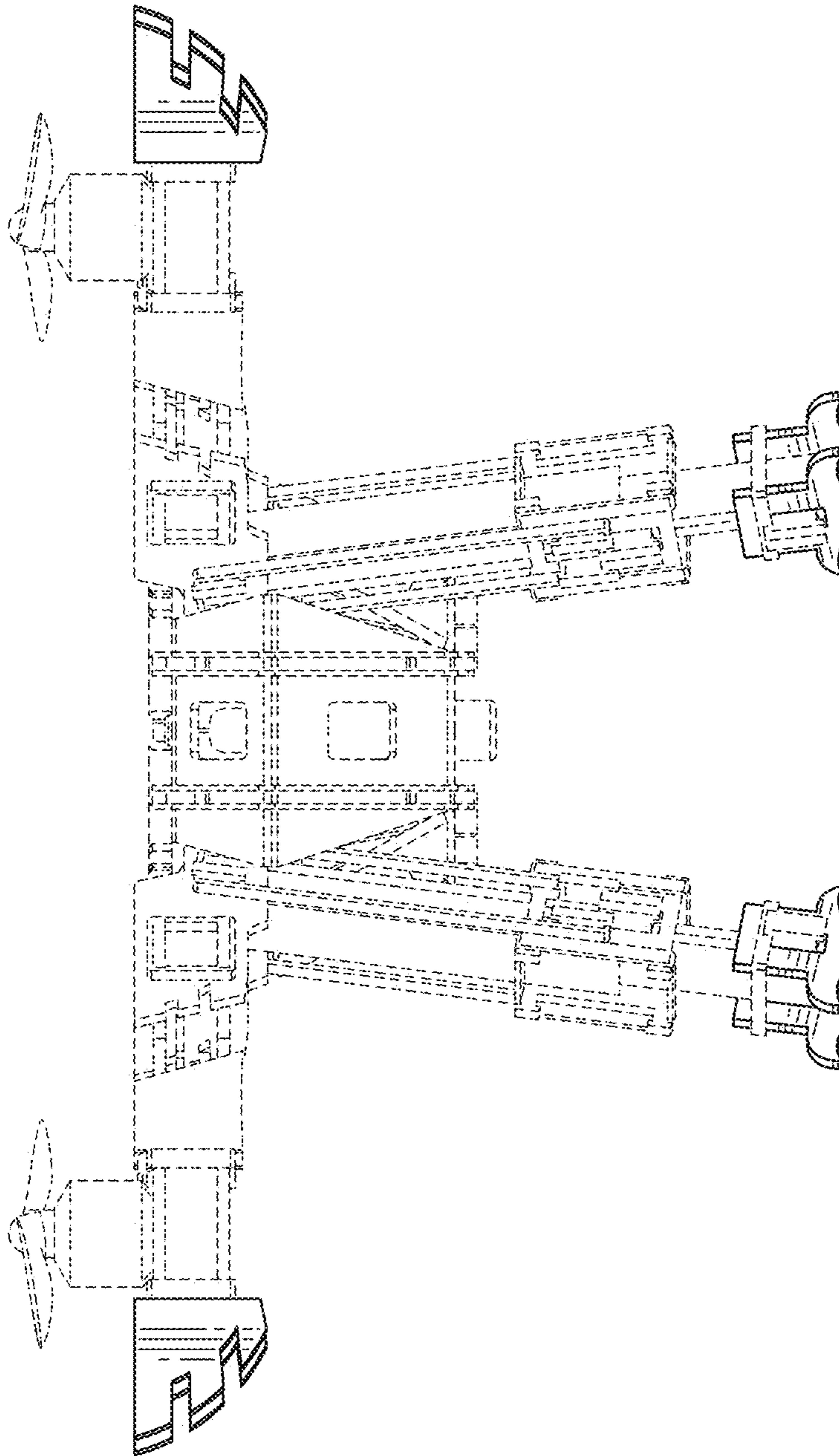


FIG. 4

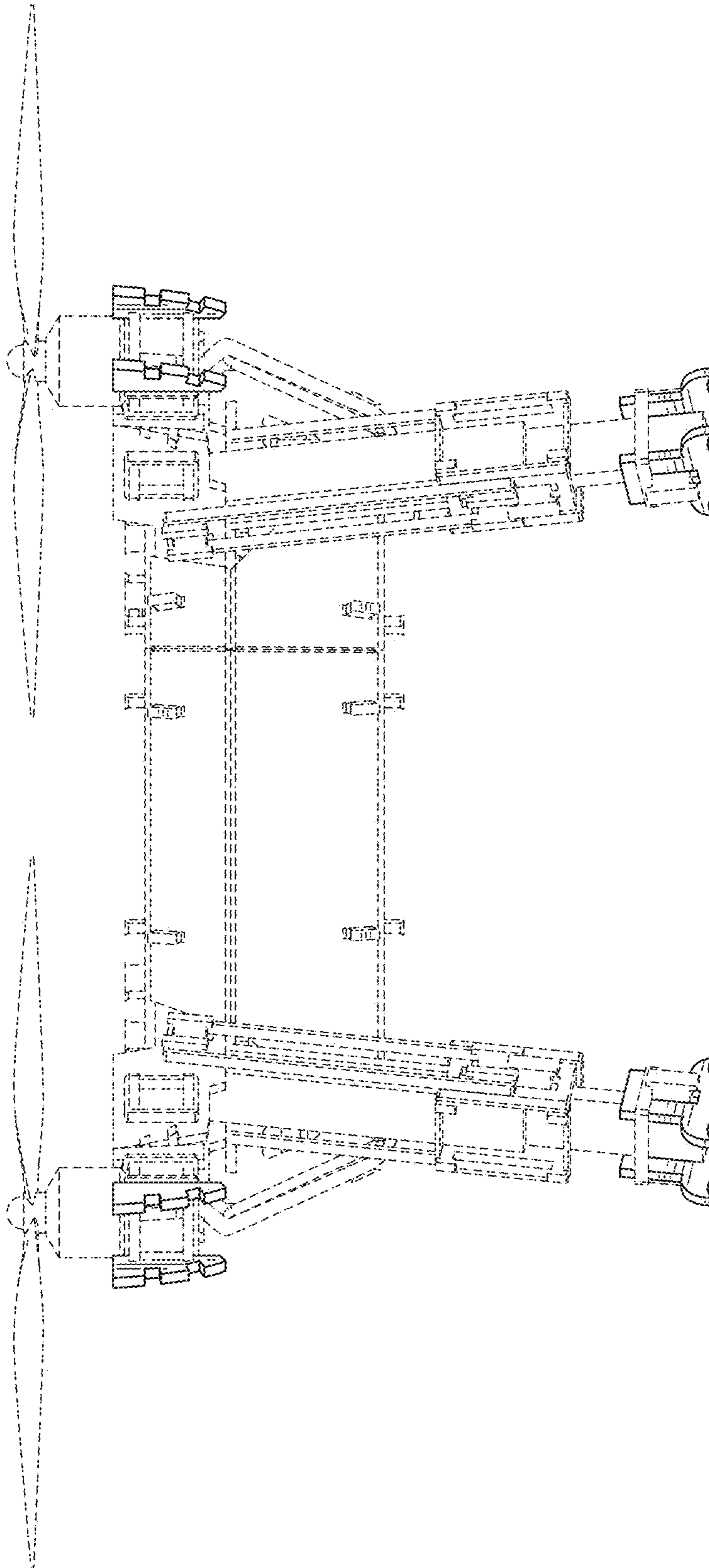


FIG. 5

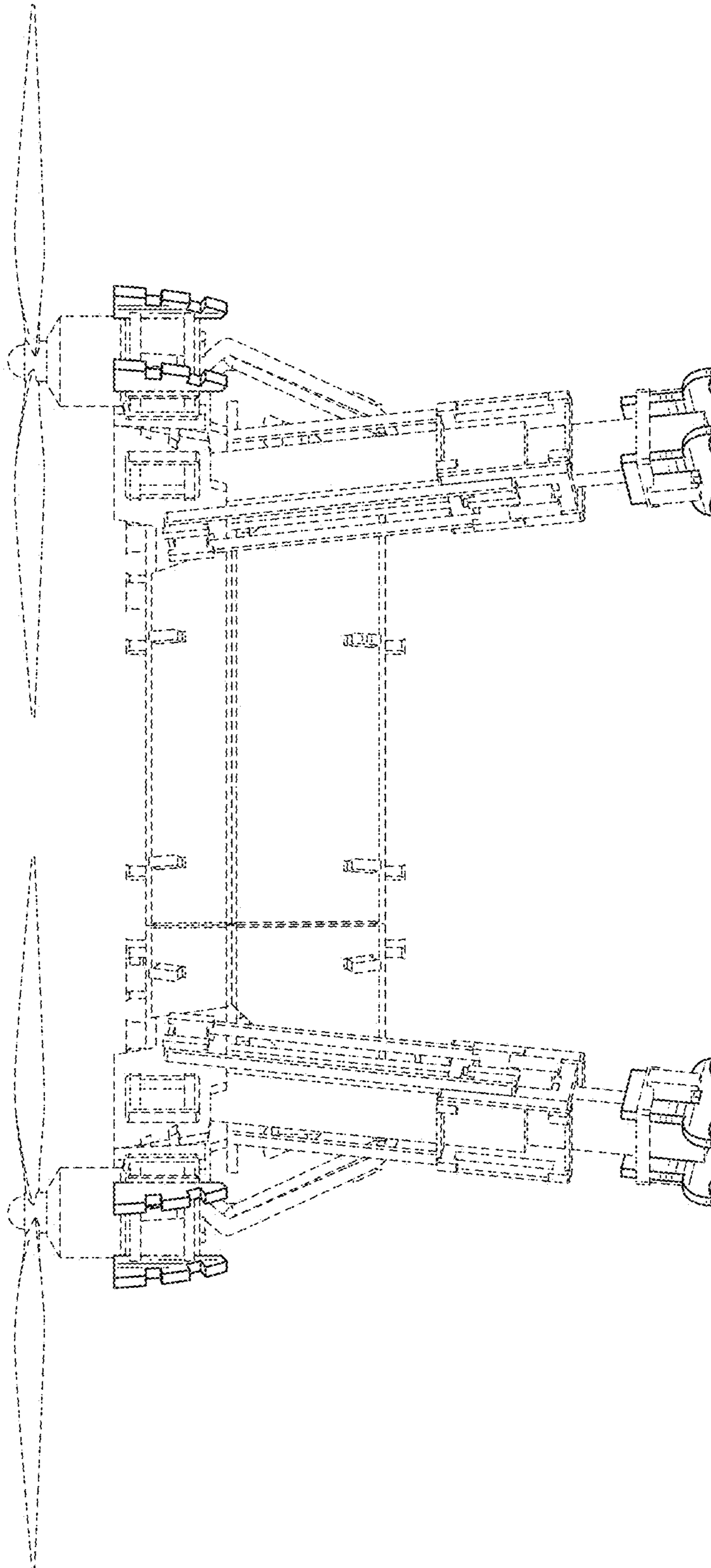


FIG. 6

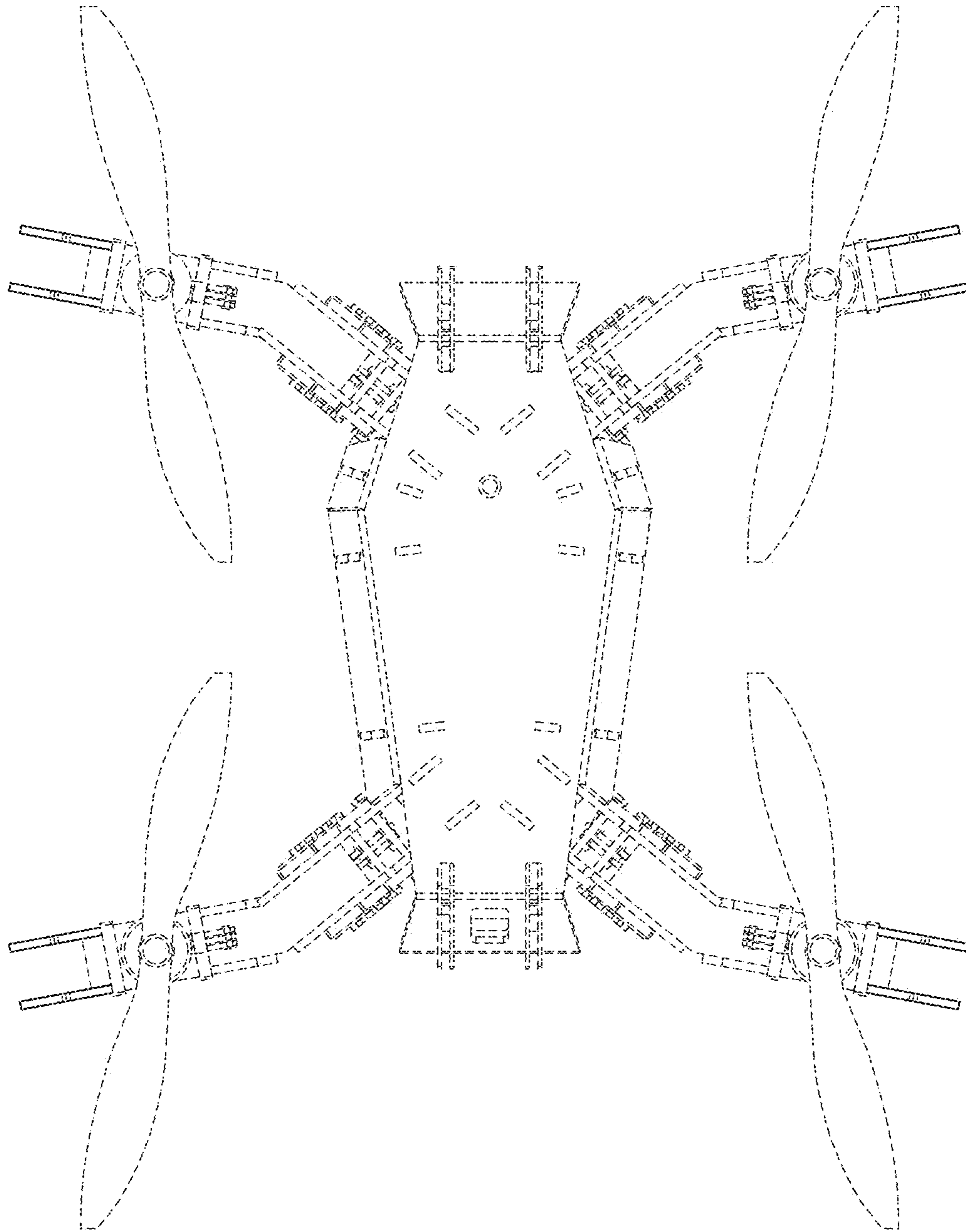


FIG. 7

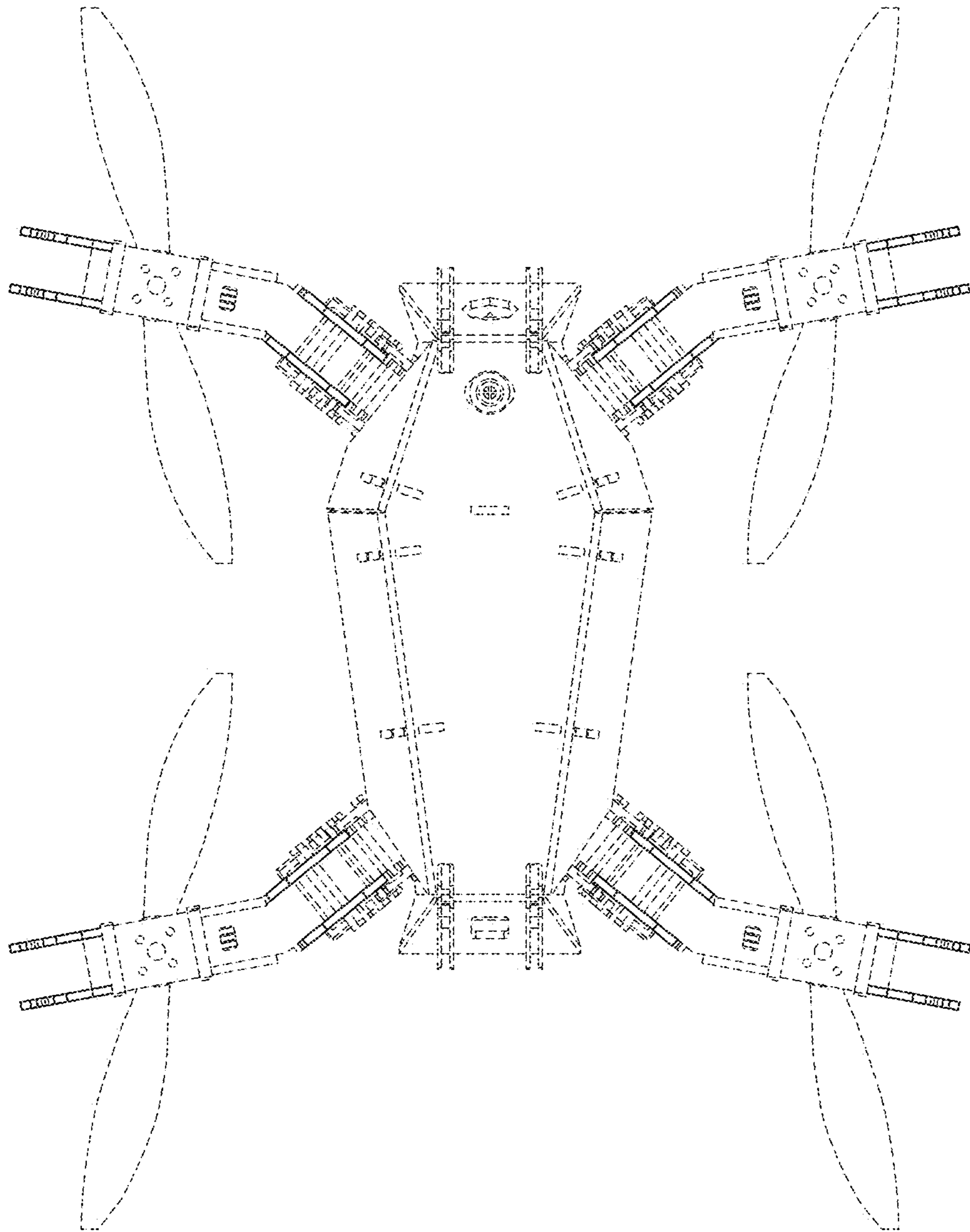


FIG. 8