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Ishizu et al.

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(54) UNMANNED AERIAL VEHICLE

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(58) Field of Classification Search

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D21/441–455; D25/13

CPC B64C 29/0033; B64C 29/02

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

D711,451 S 8/2014 Katsuyama

D780,062 S * 2/2017 Wu D21/441

D803,097 S * 11/2017 Wang D12/16.1

D808,860 S * 1/2018 Tian D12/16.1

D816,582 S * 5/2018 Liang D12/328

D855,676 S 8/2019 Emami

D862,360 S * 10/2019 Liang D12/328

D896,731 S * 9/2020 Liang D12/328

D908,587 S * 1/2021 Chen D12/328

D913,193 S * 3/2021 Xu D12/328

(Continued)

OTHER PUBLICATIONS

“E410P4—Axis Agriculture Sprayer Drone 10kg Payload.” Amazon.com, date unavailable. Retrieved Dec. 21, 2022. Available online at URL:https://www.amazon.com/E410P-Agriculture-Sprayer-Payload-Pesticide/dp/B0BLRT85PH/ref=sr_1_51?crid=3CAKO3FTXRNIV&keywords=agriculture . . . (Year: 2022).*

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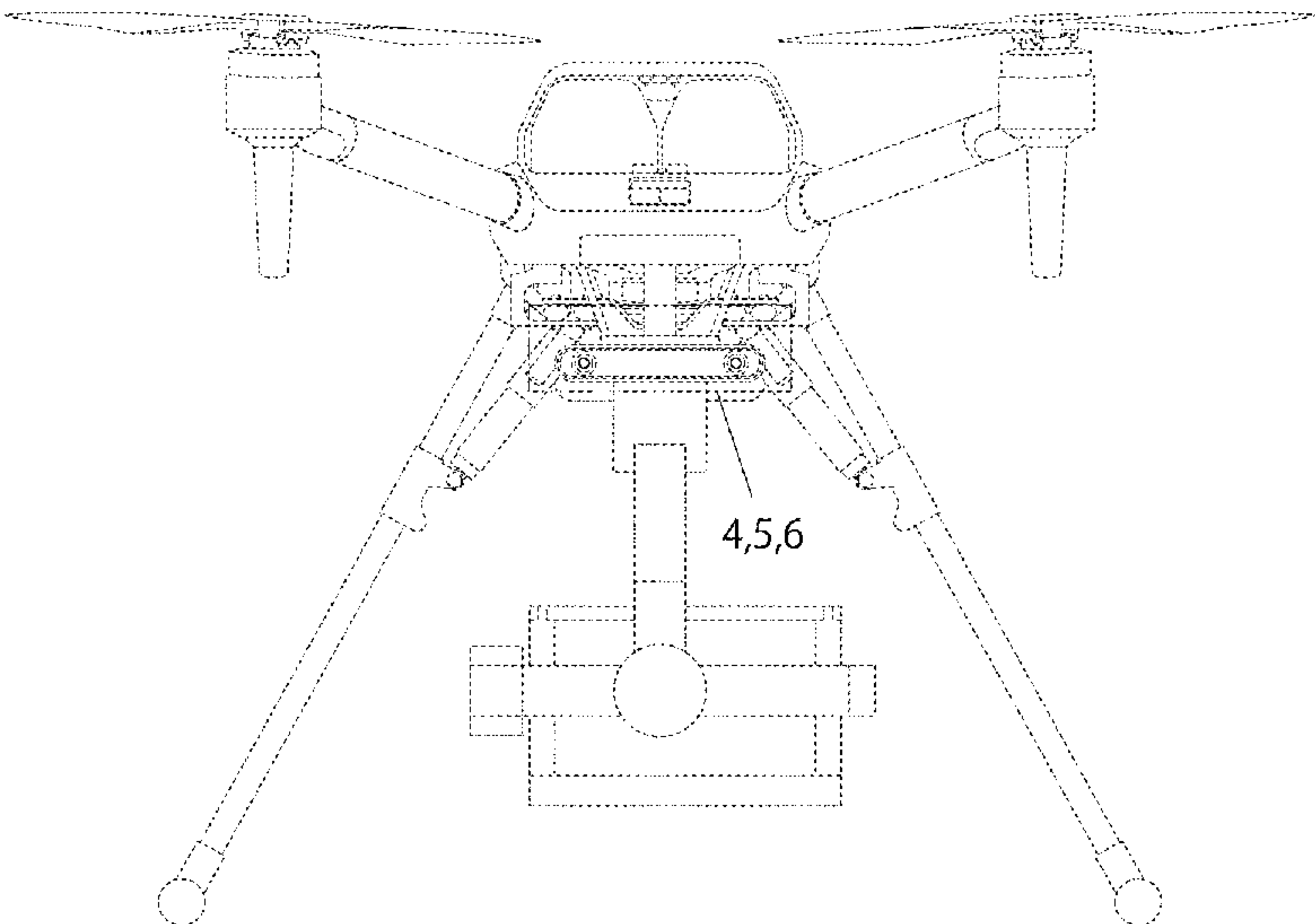
(57) CLAIM

The ornamental design for an unmanned aerial vehicle, as shown and described.

DESCRIPTION

FIG. 1 is a rear elevational view of an unmanned aerial vehicle showing our new design;
FIG. 2 is a bottom plan view thereof;
FIG. 3 is a left side elevational view thereof, a right side elevational view being a mirror image;
FIG. 4 is a partially enlarged rear elevational view thereof within the area designated as 4 of FIG. 1;
FIG. 5 is a partially enlarged bottom plan view thereof within the area designated as 5 of FIGS. 1 and 2; and,
FIG. 6 is a partially enlarged rear, bottom, left perspective view thereof within the area designated as 6 of FIGS. 1 and 2.
The even-dash broken lines illustrating portions of the unmanned aerial vehicle form no part of the claimed design.

1 Claim, 6 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D934,151	S	*	10/2021	Liang		D12/328
D944,683	S	*	3/2022	Wang		D12/328
D954,599	S	*	6/2022	Xu		D12/16.1

* cited by examiner

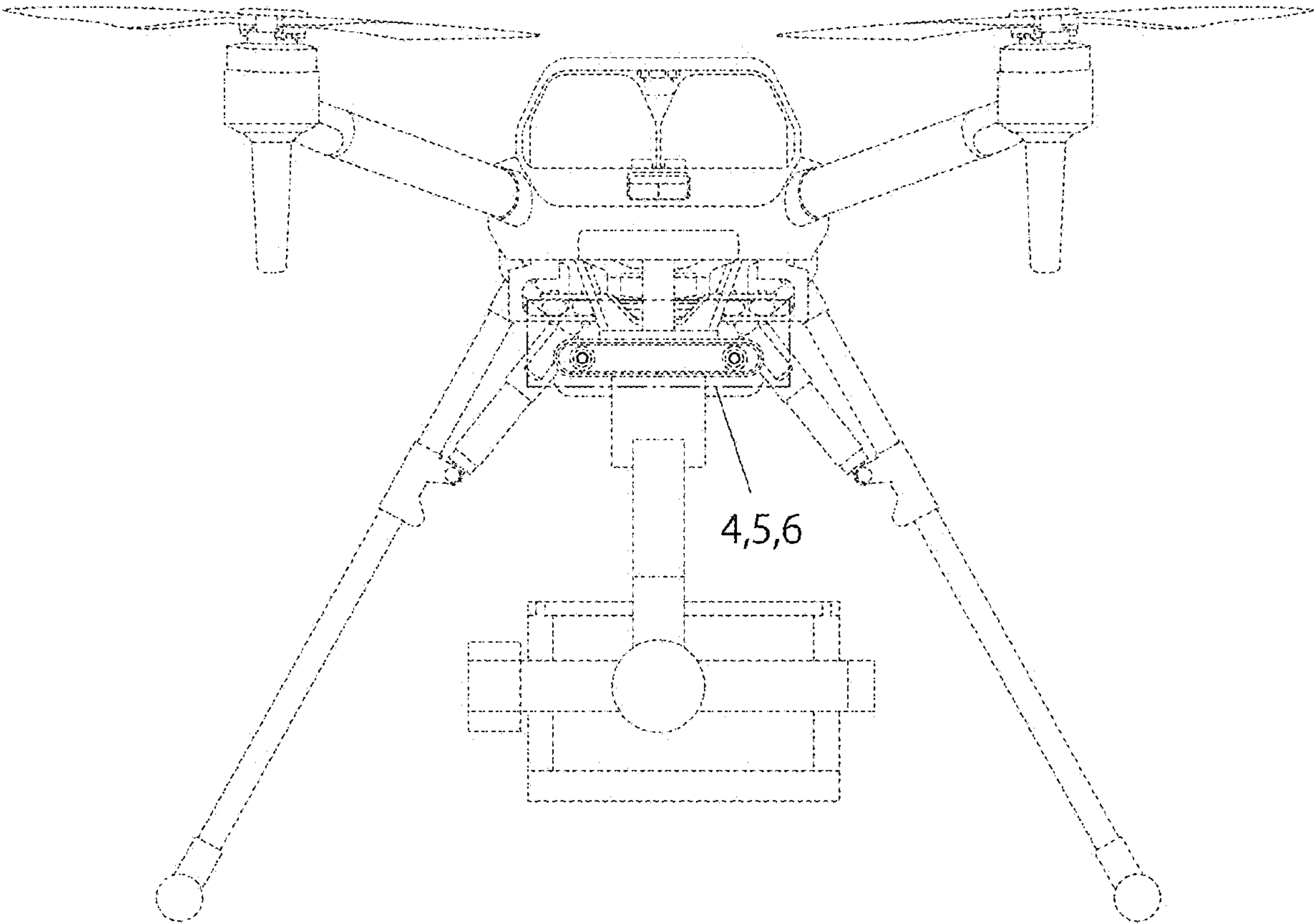


FIG.1

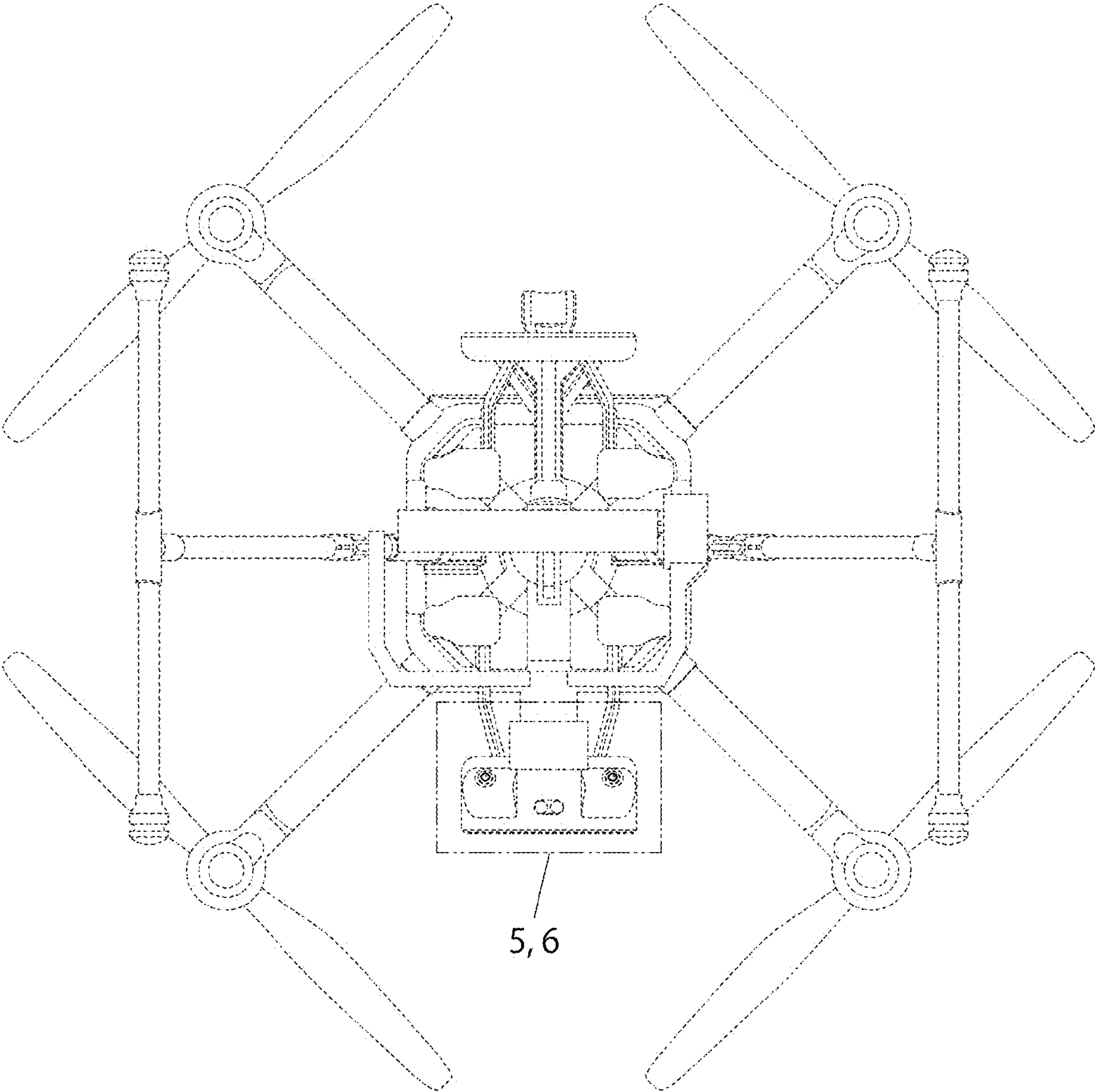


FIG.2

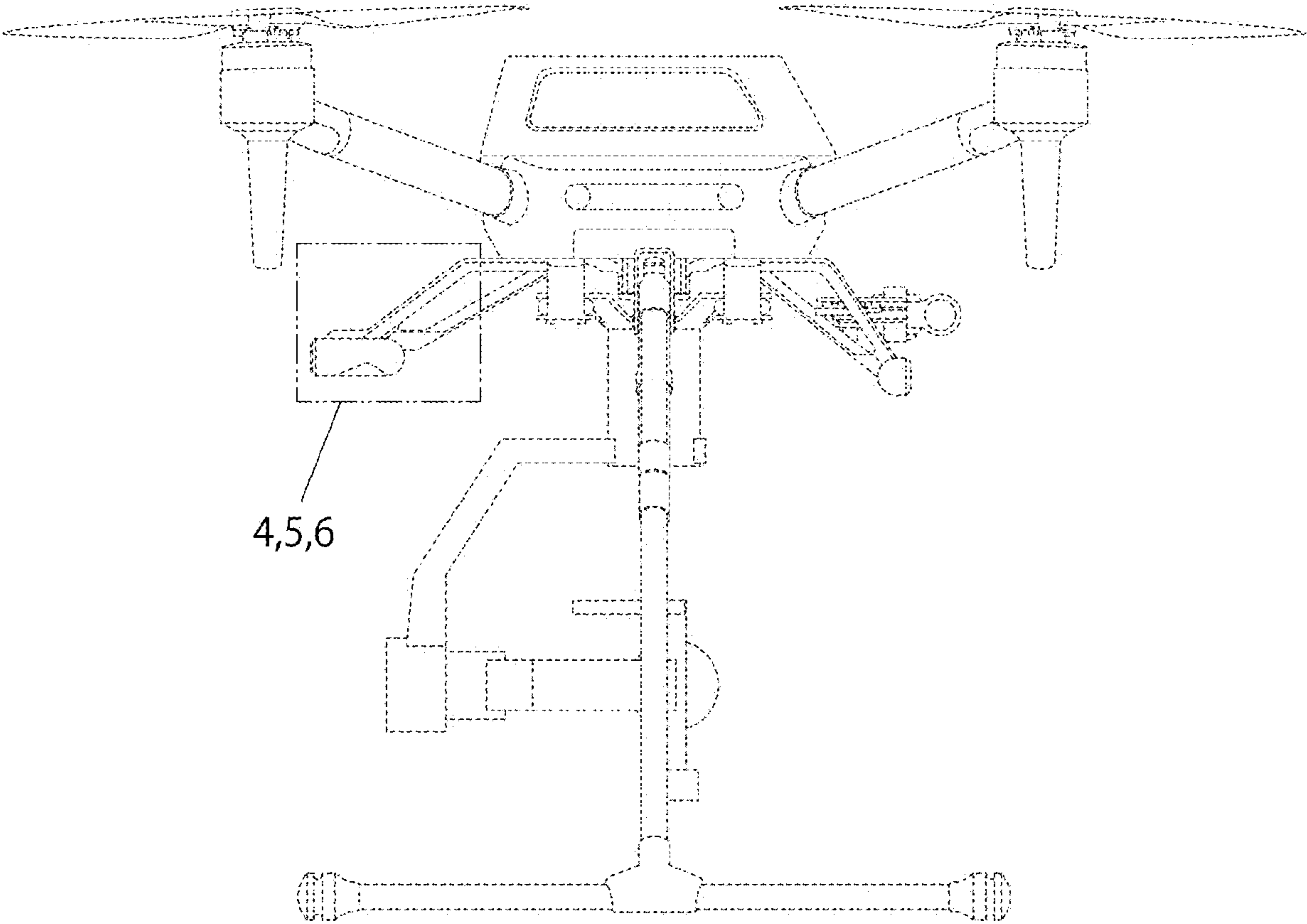


FIG.3

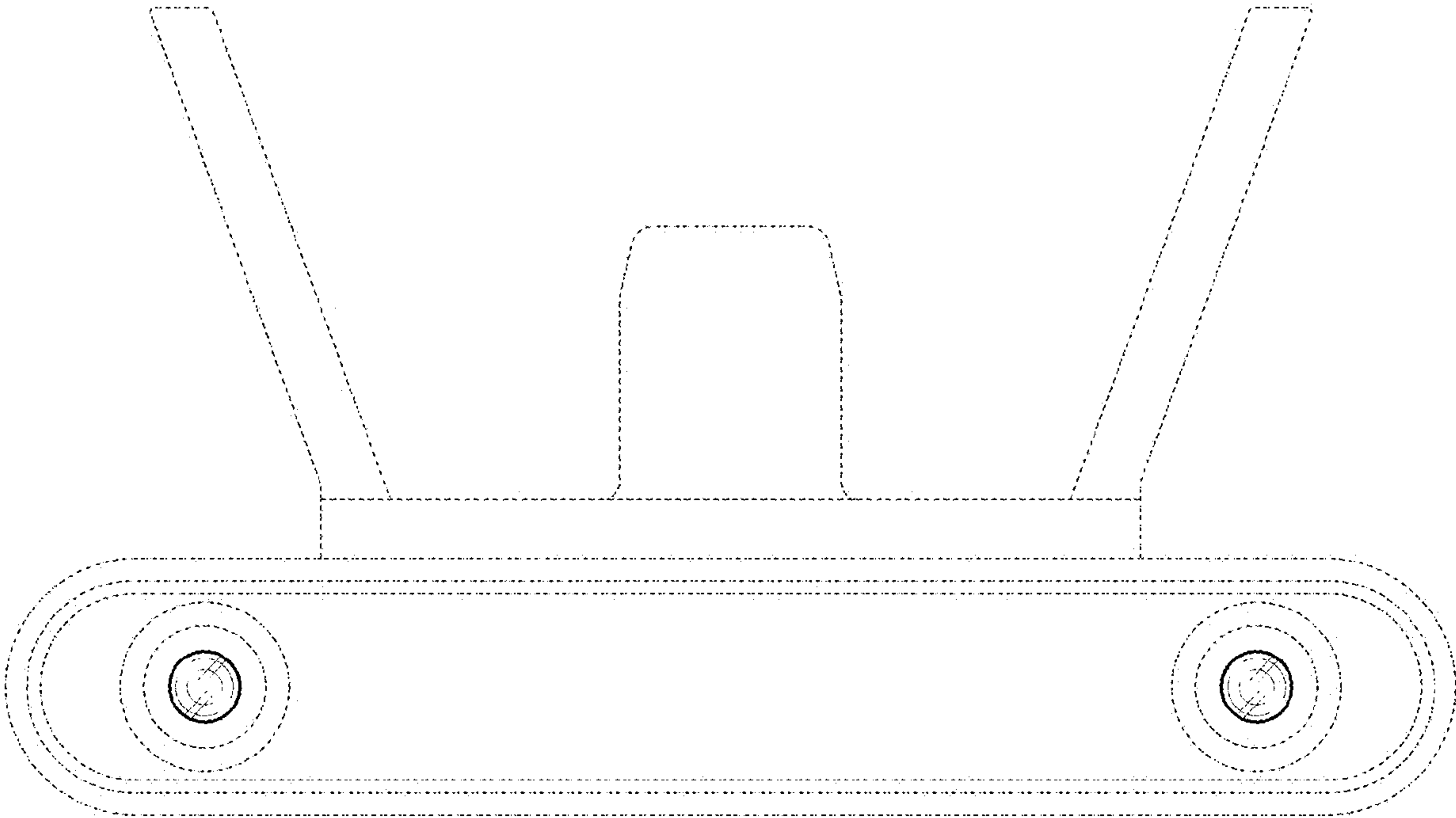


FIG.4

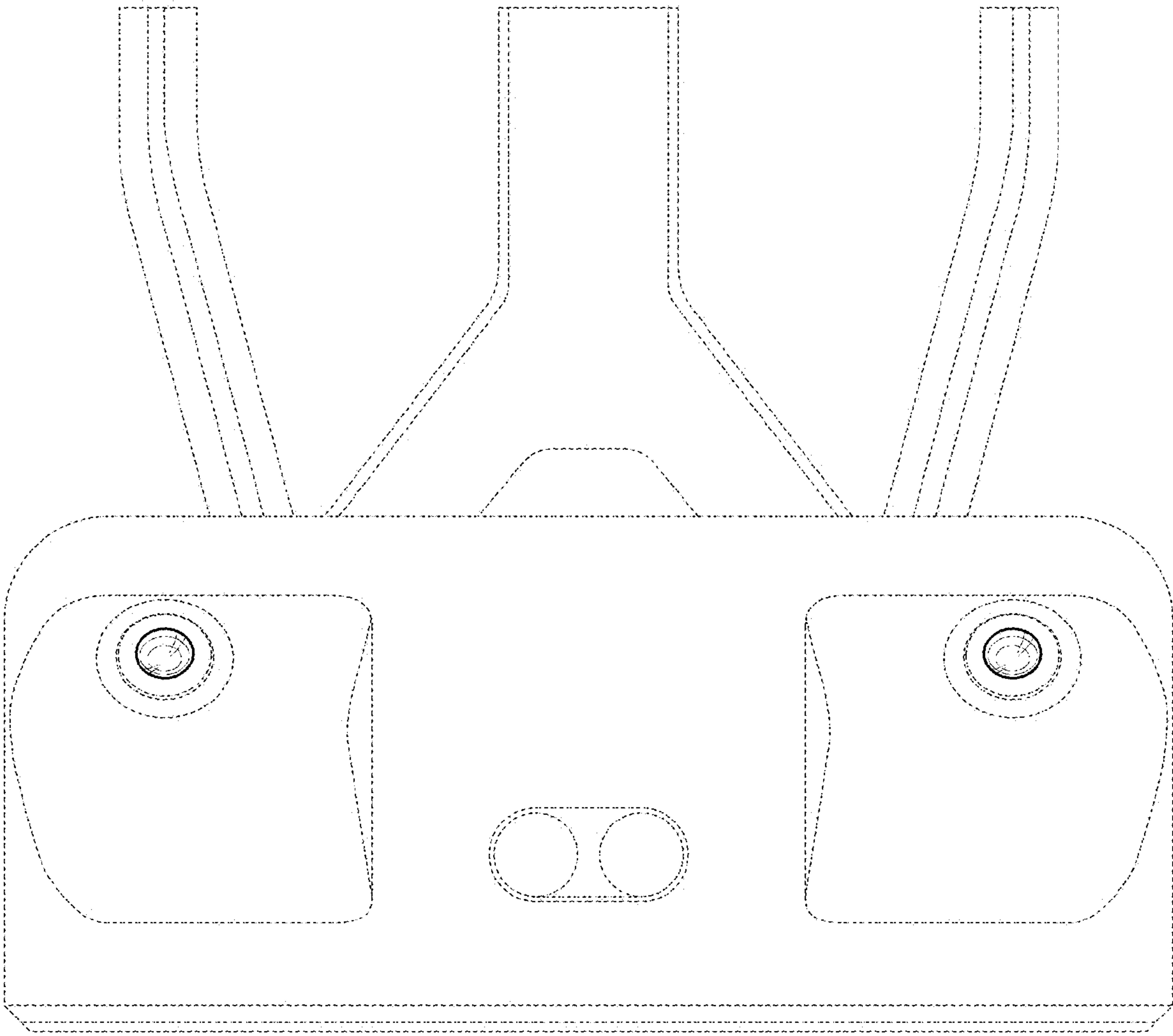


FIG.5

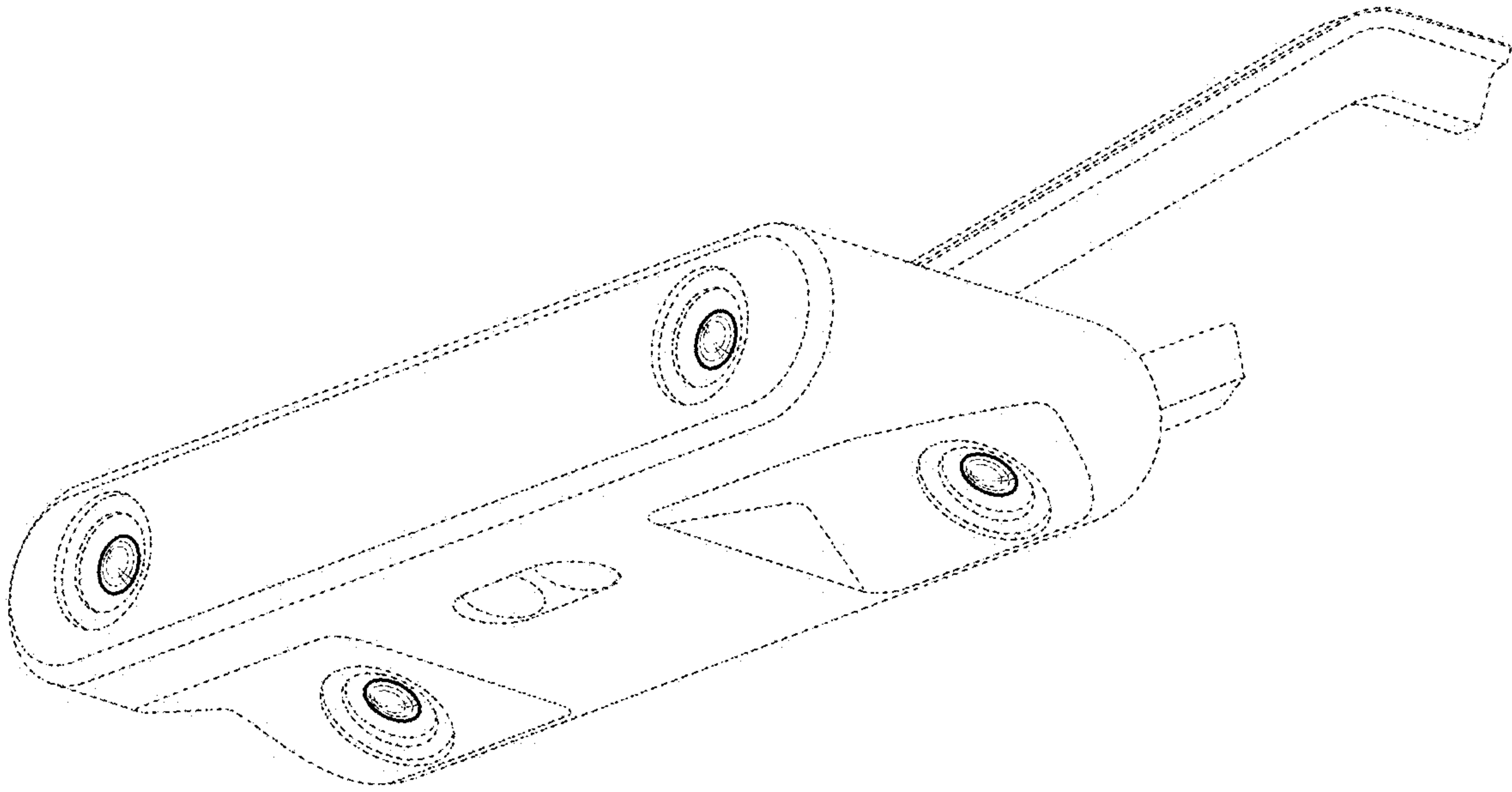


FIG.6