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(12) **United States Design Patent** (10) **Patent No.:** **US D860,047 S**
Gan (45) **Date of Patent:** **** Sep. 17, 2019**

(54) **UNMANNED AERIAL VEHICLE**
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D691,514 S * 10/2013 Wang D12/16.1
D710,452 S * 8/2014 Barajas D12/16.1
D710,453 S * 8/2014 Barajas D12/16.1
D710,454 S * 8/2014 Barajas D12/16.1
8,983,682 B1 * 3/2015 Peeters B64C 39/024
244/190

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(Continued)
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(**) Term: **15 Years**
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(57) **CLAIM**
The ornamental design for an unmanned aerial vehicle, as shown and described.

(30) **Foreign Application Priority Data**
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(51) **LOC (12) Cl.** **12-01**
(52) **U.S. Cl.**
USPC **D12/16.1**
(58) **Field of Classification Search**
USPC D12/319–345, 1–4, 16.1, 214;
D21/436–454; D30/160
CPC B64C 29/0025; B64C 2201/108; B64C
2201/048; B64C 2201/088; B64C 29/00;
B64C 29/0058; B64C 39/001; B64C
39/024; B64C 39/062; B64C 2201/141;
B64C 27/12
See application file for complete search history.

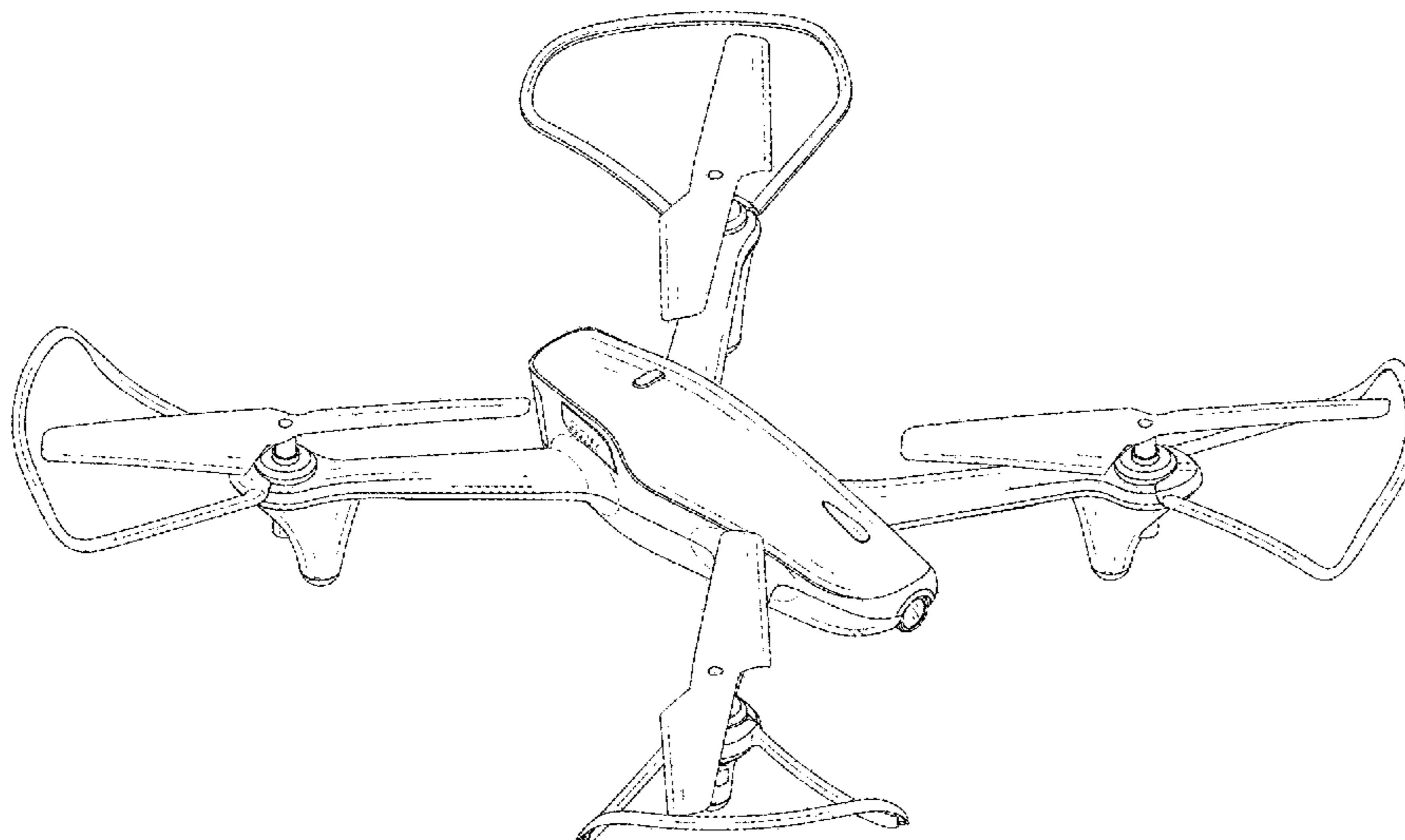
DESCRIPTION

FIG. 1 is a top perspective view of an unmanned aerial vehicle, showing the claimed design;
FIG. 2 is a bottom perspective view thereof;
FIG. 3 is a front elevation view thereof;
FIG. 4 is a rear elevation view thereof;
FIG. 5 is a left side elevation view thereof;
FIG. 6 is a right side elevation view thereof;
FIG. 7 is a top plan view thereof; and
FIG. 8 is a bottom plan view thereof;
FIG. 9 is an enlarged view of design features comprised within a circle 9 in FIG. 2;
FIG. 10 is an enlarged view of design features comprised within a circle 10 in FIG. 2;
FIG. 11 is an enlarged view of design features comprised within a circle 11 in FIG. 3;
FIG. 12 is an enlarged view of design features comprised within a circle 12 in FIG. 4; and,
FIG. 13 is an enlarged view of design features comprised within a circle 13 in FIG. 8.

(56) **References Cited**
U.S. PATENT DOCUMENTS
D189,462 S * 12/1960 Vogt D12/329
D197,038 S * 12/1963 Howard D12/329
D465,196 S * 11/2002 Dammar D12/328
D628,658 S * 12/2010 Wurm D21/442
8,016,226 B1 * 9/2011 Wood B64C 29/0033
244/12.4
D648,809 S * 11/2011 Seydoux D21/441
D659,771 S * 5/2012 Seydoux D21/441

In the drawings, the claimed design is defined by the shaded surfaces; broken lines immediately adjacent shaded surfaces represent boundaries of the claim and form no part thereof; all other broken lines depict portions of the unmanned aerial vehicle that form no part of the claim.

1 Claim, 13 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

9,051,043	B1 *	6/2015	Peeters	.....	B64C 19/00
9,199,733	B2 *	12/2015	Keennon	.....	B64C 27/12
D756,842	S *	5/2016	Ashjaee	.....	D12/16.1
D759,764	S *	6/2016	Lai	.....	D12/16.1
9,359,070	B2 *	6/2016	Caubel	.....	B64C 27/08
D760,848	S *	7/2016	McKenna	.....	D12/16.1
D761,690	S *	7/2016	Friesmuth	.....	D12/16.1
9,387,927	B2 *	7/2016	Rischmuller	.....	B64C 39/024
D763,134	S *	8/2016	Wang	.....	D12/16.1
D767,043	S *	9/2016	Morrison	.....	D12/16.1
D768,539	S *	10/2016	Lee	.....	D12/16.1
D768,540	S *	10/2016	Ji	.....	D12/16.1
D768,789	S *	10/2016	Fargeau	.....	D12/16.1
D770,572	S *	11/2016	Caubel	.....	D21/441
D772,756	S *	11/2016	Gambus	.....	D12/16.1
D772,991	S *	11/2016	Caubel	.....	D12/16.1
D777,263	S *	1/2017	Lavagen	.....	D12/16.1
9,540,121	B2 *	1/2017	Byers	.....	B64C 39/024
9,550,400	B2 *	1/2017	Hutson	.....	B60F 5/02
D779,595	S *	2/2017	Xiao	.....	D12/16.1
9,567,076	B2 *	2/2017	Zhang	.....	B64C 1/00
D782,366	S *	3/2017	Xiao	.....	D12/16.1
9,592,910	B1 *	3/2017	Beckman	.....	B64C 27/463
9,594,381	B1 *	3/2017	Clark	.....	G05D 1/101
9,599,992	B2 *	3/2017	Kohstall	.....	G05D 1/101
D783,727	S *	4/2017	Xiao	.....	D21/441
D784,201	S *	4/2017	Goldy	.....	D12/16.1
D784,202	S *	4/2017	Park	.....	D12/16.1
D784,854	S *	4/2017	Huang	.....	D12/16.1
D785,541	S *	5/2017	Du	.....	D12/328
D785,717	S *	5/2017	Xiao	.....	D21/441
9,682,772	B2 *	6/2017	Yoon	.....	B60F 5/02
D793,482	S *	8/2017	Wang	.....	D12/16.1
D793,486	S *	8/2017	Lee	.....	D21/453
D795,967	S *	8/2017	Haley	.....	D12/16.1
D796,586	S *	9/2017	Chen	.....	D12/16.1
D797,859	S *	9/2017	Caubel	.....	D21/441
D798,961	S *	10/2017	Li	.....	D21/441
D798,962	S *	10/2017	Xiao	.....	D21/441
D798,963	S *	10/2017	Xiao	.....	D21/441
D800,016	S *	10/2017	Huang	.....	D12/16.1
D801,224	S *	10/2017	Li	.....	D12/16.1
D803,098	S *	11/2017	Lee	.....	D12/16.1
D803,328	S *	11/2017	Lee	.....	D21/441
D805,425	S *	12/2017	Hanscom	.....	D11/202
D806,606	S *	1/2018	Morrison	.....	D12/16.1
D808,301	S *	1/2018	Goldy	.....	D12/16.1
9,868,524	B2 *	1/2018	Welsh	.....	B64C 39/024
D809,970	S *	2/2018	Zhou	.....	D12/16.1
D813,723	S *	3/2018	Ahn	.....	D12/16.1
D813,724	S *	3/2018	Hu	.....	D12/16.1
9,927,682	B2 *	3/2018	Fisher	.....	G03B 15/006
D814,385	S *	4/2018	Zhao	.....	D12/328
D814,970	S *	4/2018	Chen	.....	D12/16.1
D814,971	S *	4/2018	Huang	.....	D12/16.1
D814,972	S *	4/2018	Ahn	.....	D12/16.1
D816,546	S *	5/2018	Wang	.....	D12/16.1
D818,872	S *	5/2018	Ho	.....	D12/16.1
D818,874	S *	5/2018	Tian	.....	D12/16.1
9,979,000	B2 *	5/2018	Qiu	.....	B64C 39/024
9,986,233	B1 *	5/2018	Curlander	.....	H04N 17/002
10,011,346	B2 *	7/2018	Beckman	.....	B64C 11/18
D825,379	S *	8/2018	Gury	.....	D12/16.1
D825,380	S *	8/2018	Tompkin	.....	D12/16.1
D825,669	S *	8/2018	Tompkin	.....	D21/441
10,053,213	B1 *	8/2018	Tu	.....	B64C 29/0025
D827,723	S *	9/2018	Barajas	.....	D21/442
D829,283	S *	9/2018	Cai	.....	D21/441
D830,229	S *	10/2018	Lutterodt	.....	D12/16.1
D830,896	S *	10/2018	Lutterodt	.....	D12/16.1
10,086,309	B2 *	10/2018	Yamada	.....	A63H 27/12
10,095,087	B2 *	10/2018	Kim	.....	B64C 25/10
10,131,426	B2 *	11/2018	Judas	.....	B64C 29/0025
10,131,428	B1 *	11/2018	Sopper	.....	B64C 27/08
10,150,563	B2 *	12/2018	Harada	.....	G05B 19/048
10,155,585	B2 *	12/2018	Johannesson	.....	B64C 27/50
10,185,318	B2 *	1/2019	Enke	.....	G05D 1/0088
10,192,538	B2 *	1/2019	Yamagishi	.....	B64C 39/024
10,203,692	B2 *	2/2019	Smith	.....	G05D 1/0094
10,217,367	B2 *	2/2019	Chun	.....	B64C 39/024
10,222,808	B2 *	3/2019	Bardinet	.....	B64C 39/024
10,224,526	B2 *	3/2019	Qiu	.....	B64C 39/024
2017/0043869	A1 *	2/2017	Howard	.....	B64C 39/024
2017/0144753	A1 *	5/2017	Yu	.....	B64C 39/024
2017/0259914	A1 *	9/2017	Bevirt	.....	B64C 27/52
2017/0291697	A1 *	10/2017	Kornatowski	.....	B64C 27/20
2018/0002023	A1 *	1/2018	Tian	.....	B64D 33/08

* cited by examiner

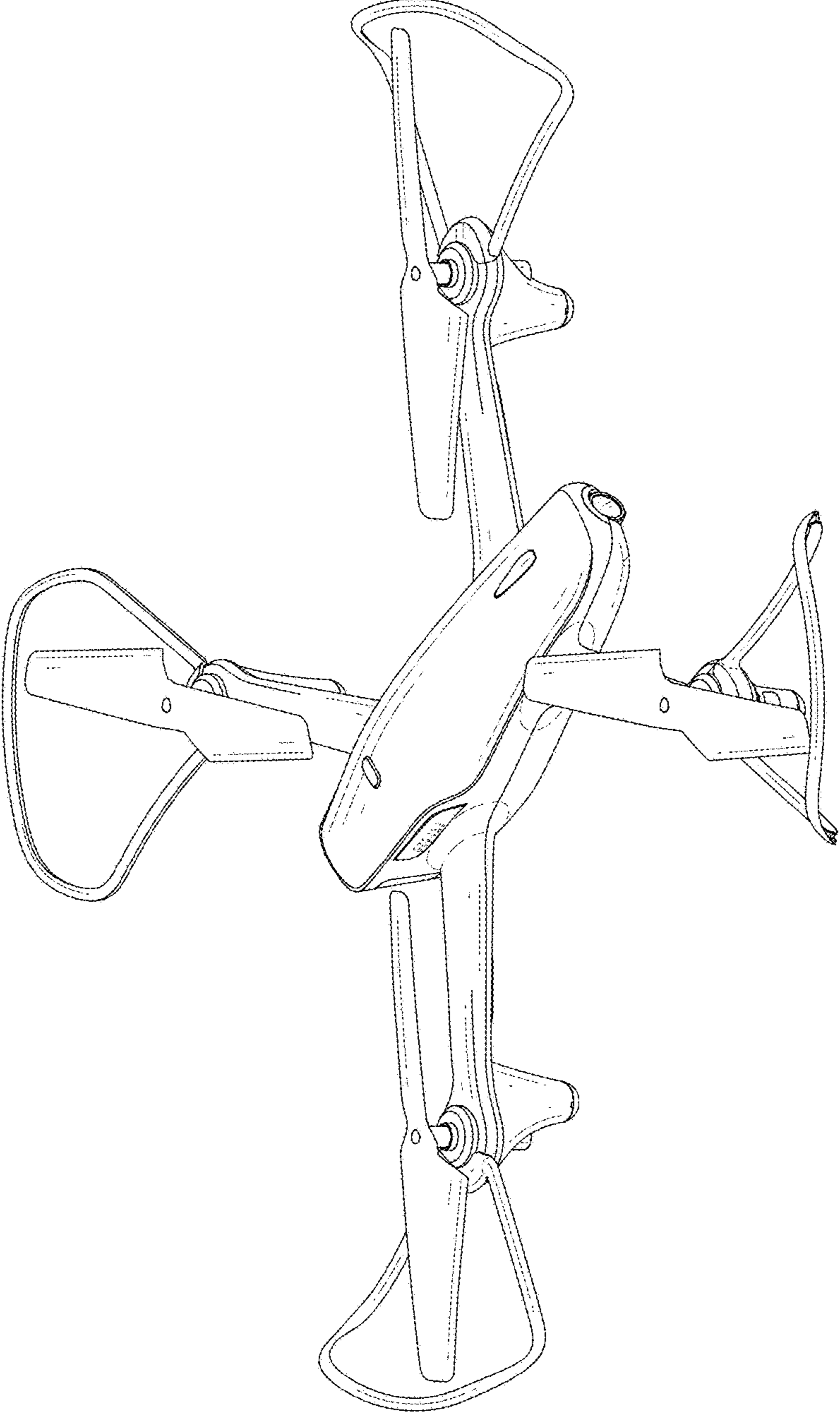


FIG. 1

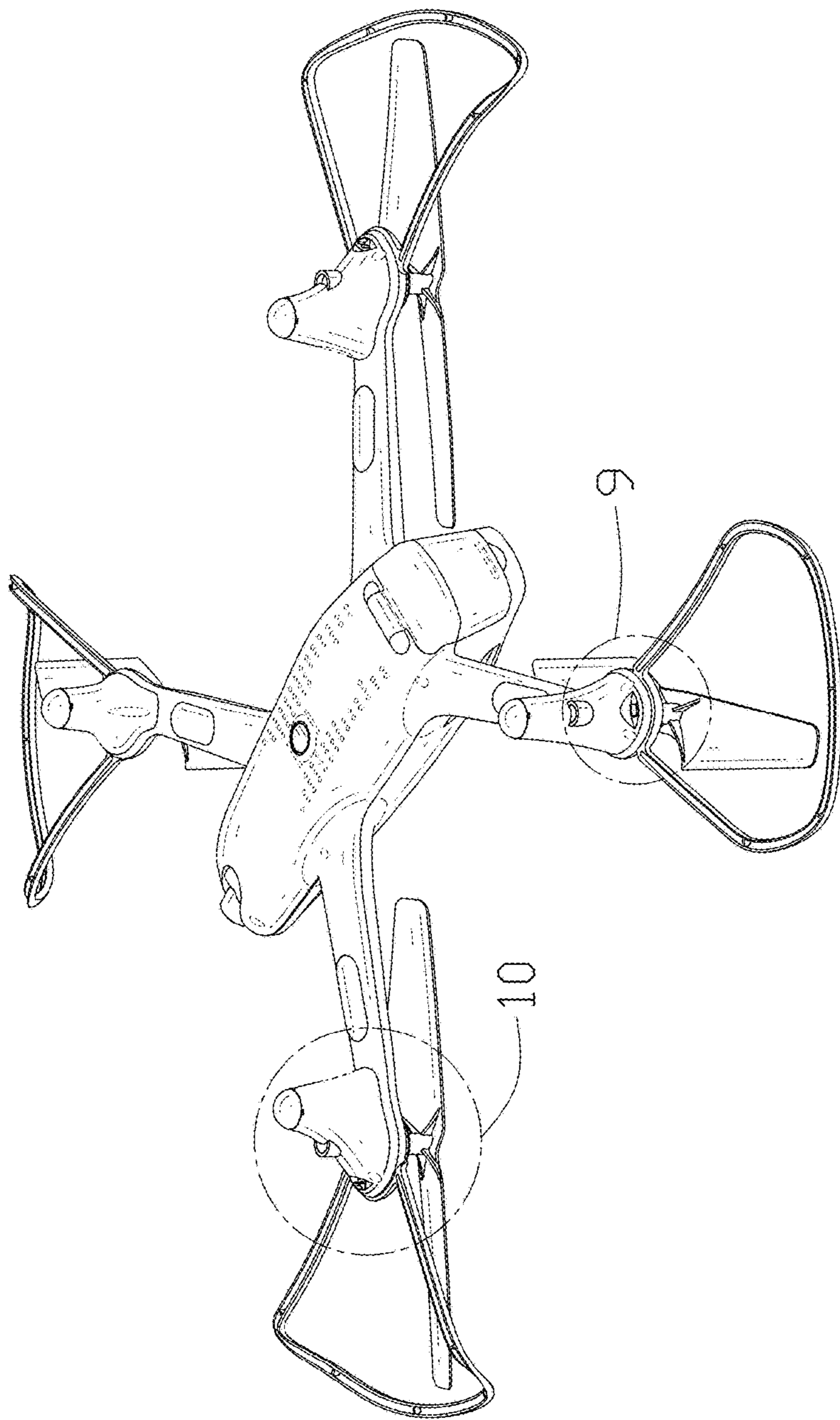


FIG. 2

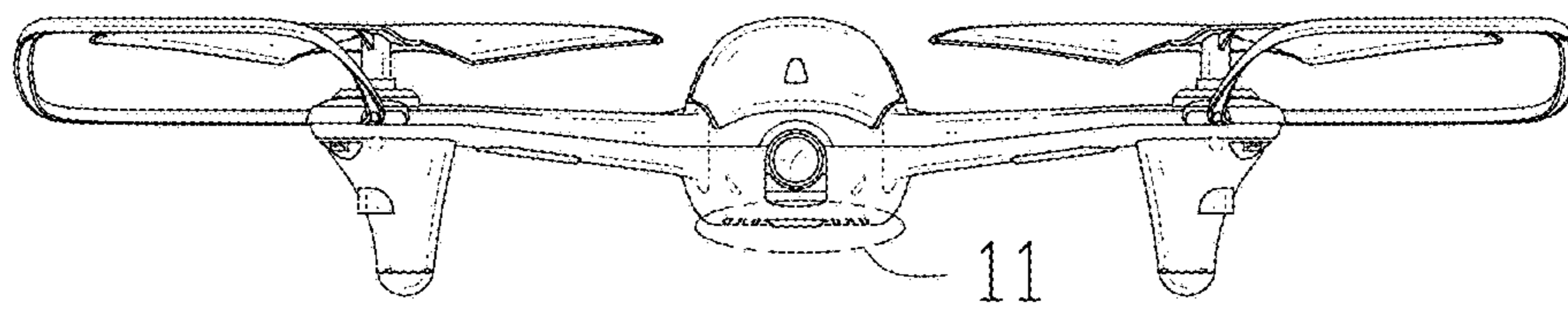


FIG. 3

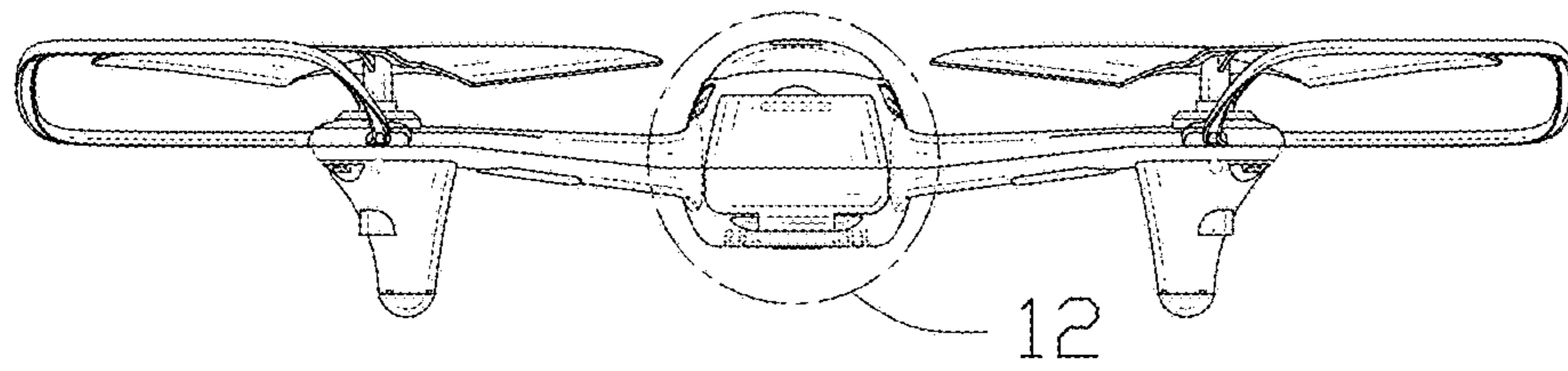


FIG. 4

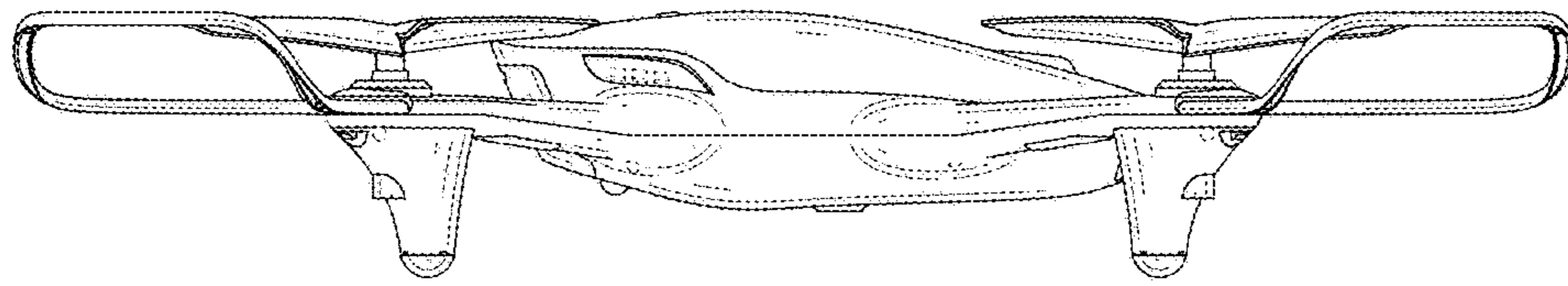


FIG. 5

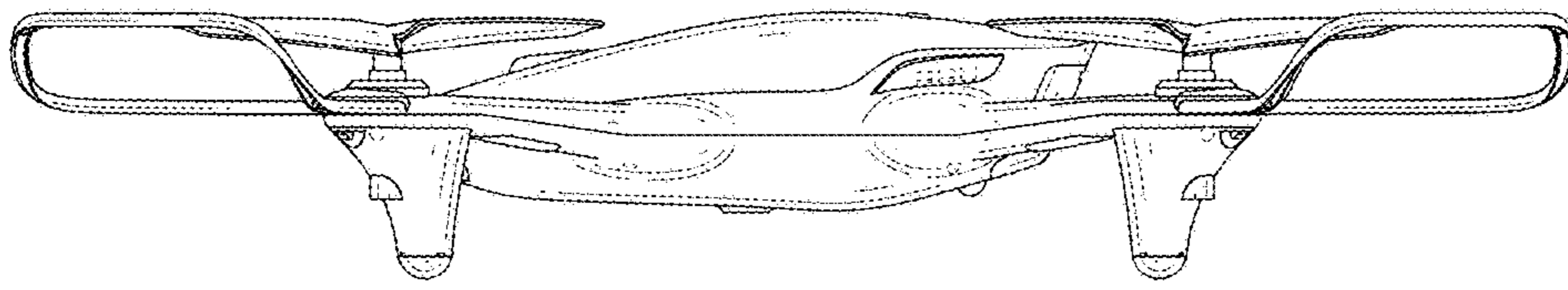


FIG. 6

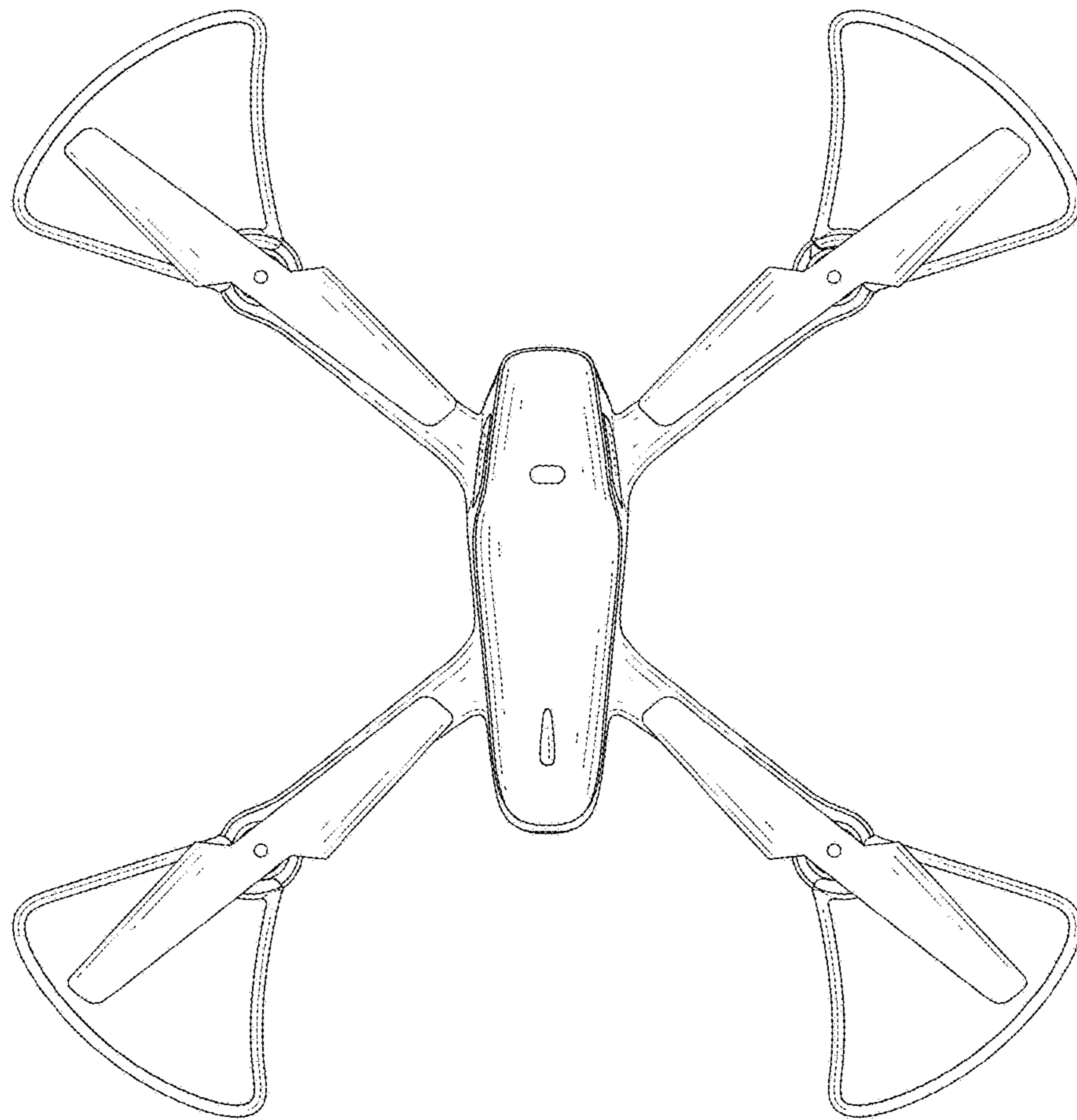


FIG. 7

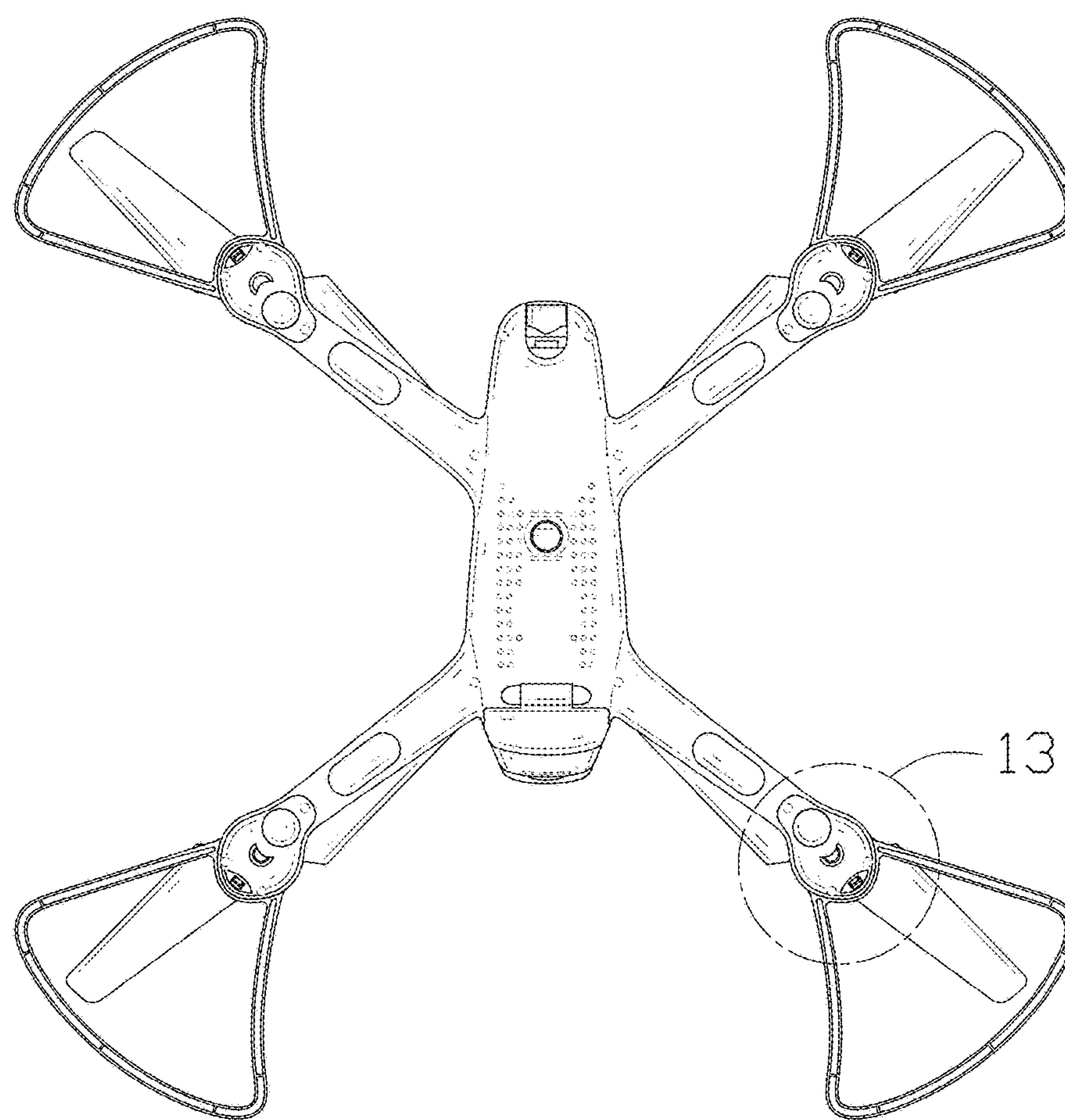


FIG. 8

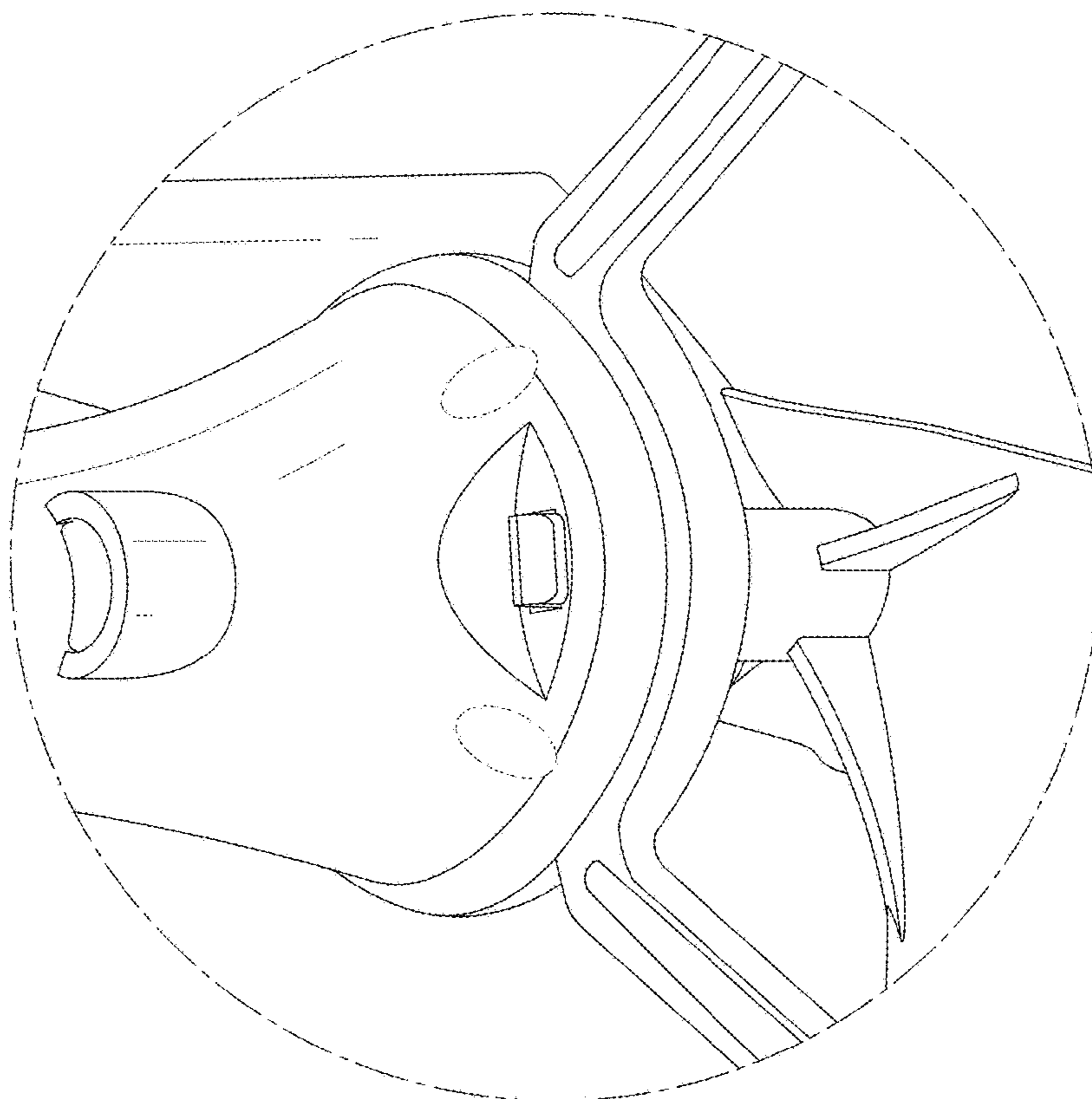


FIG. 9

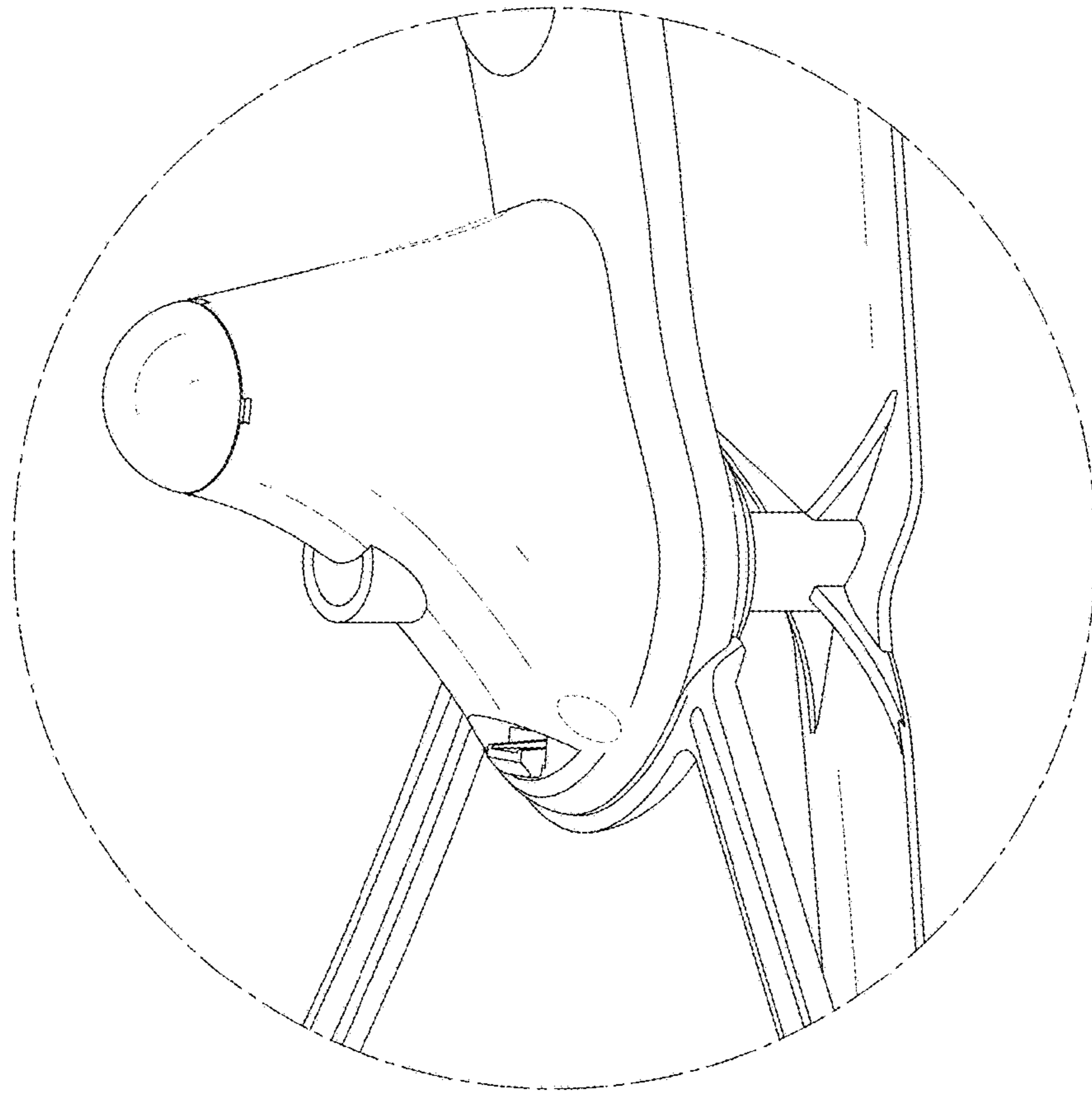


FIG. 10

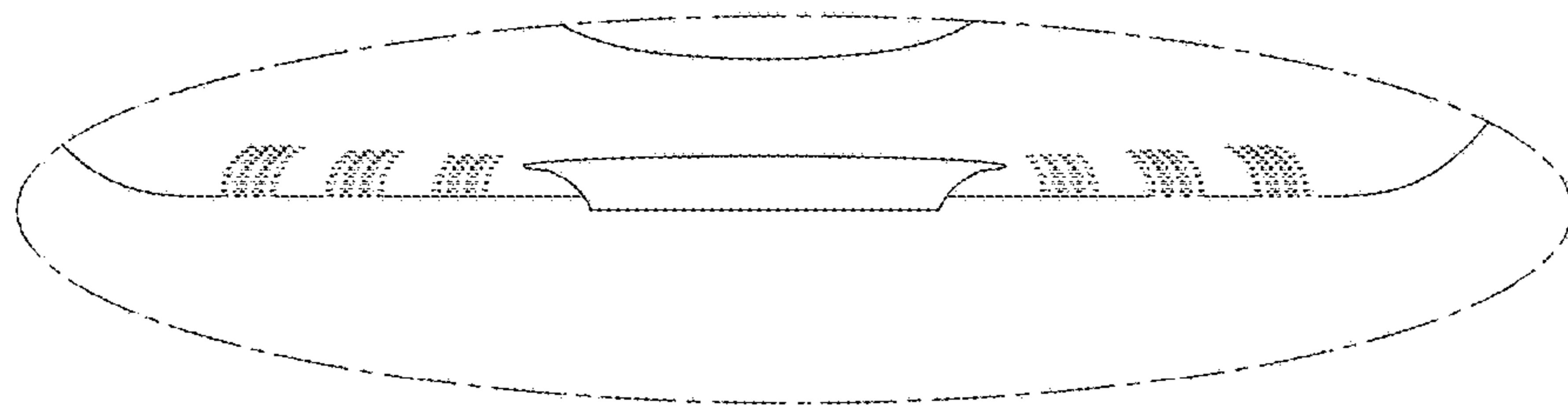


FIG. 11

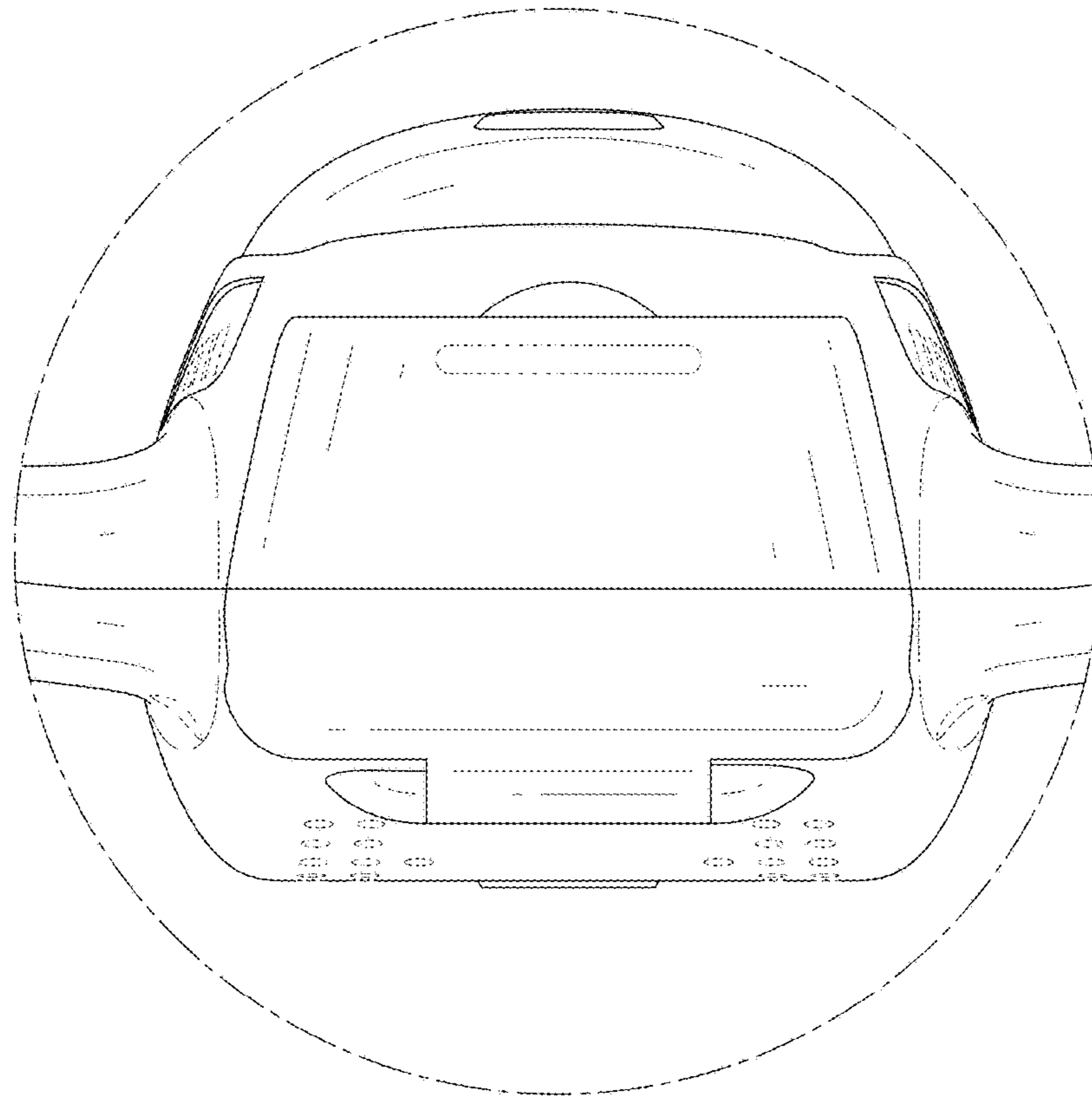


FIG. 12

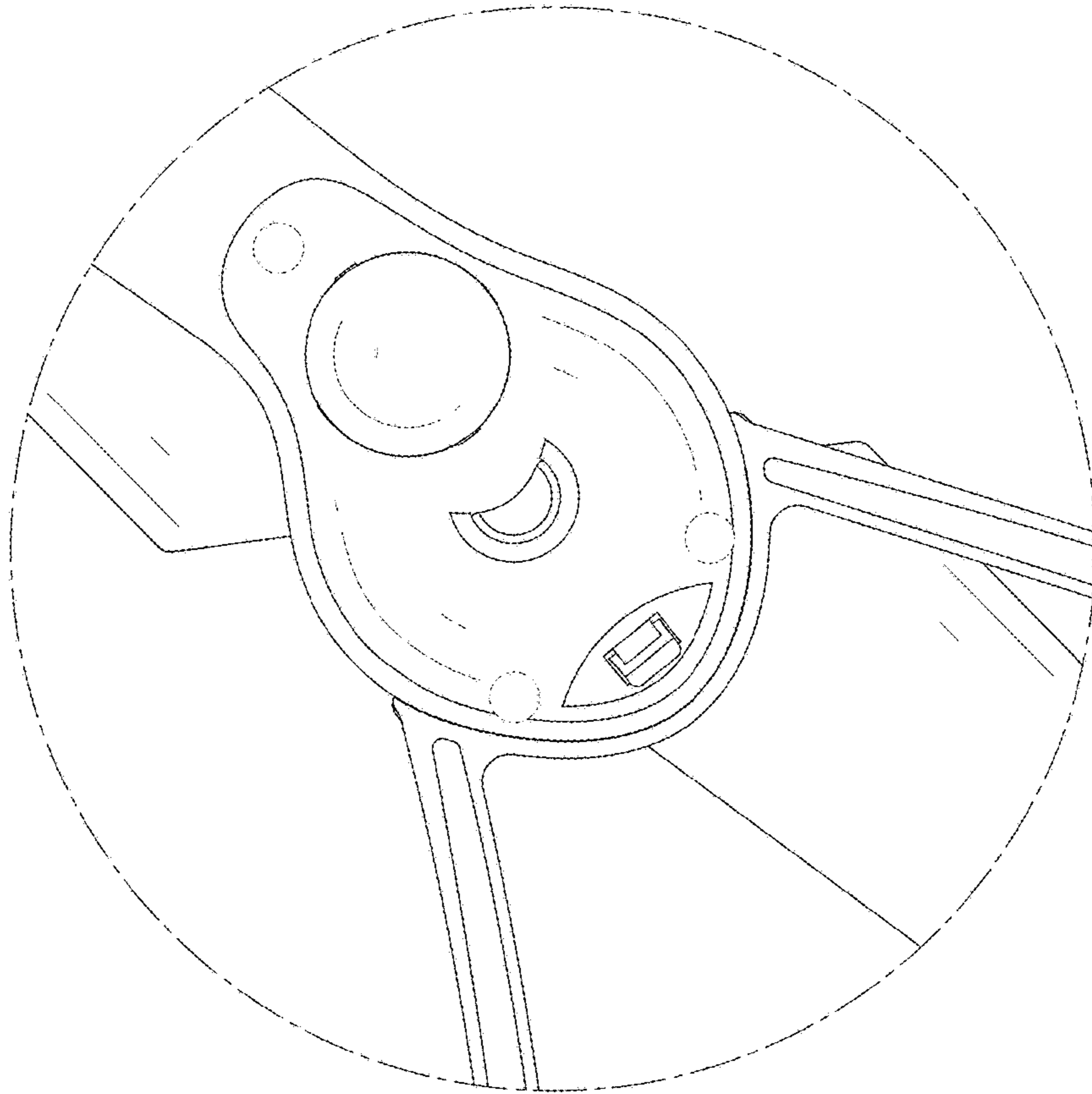


FIG. 13