



US00D902078S

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

(10) **Patent No.:** **US D902,078 S**

(45) **Date of Patent:** **\*\* Nov. 17, 2020**

(54) **DRONE**

(71) Applicant: **MerchSource, LLC**, Irvine, CA (US)

(72) Inventor: **Crispian Tompkin**, Los Angeles, CA (US)

(73) Assignee: **MerchSource, LLC**, Irvine, CA (US)

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

(21) Appl. No.: **29/606,810**

(22) Filed: **Jun. 7, 2017**

(51) **LOC (12) Cl.** ..... **27-06**

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

(58) **Field of Classification Search**

USPC ..... D12/319-345, 16.1, 1-4, 415;  
D21/436-455

CPC ..... B64C 2201/146; B64C 2201/027; B64C  
2201/104; B64C 25/06; B64C 25/24;  
B64C 39/04; B64C 5/02

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

2,478,847	A	8/1949	Stuart, III
3,053,480	A	9/1962	Vanderlip
4,161,843	A	7/1979	Hui
5,043,646	A	8/1991	Smith, III et al.
5,738,300	A	4/1998	Durand
7,302,316	B2	11/2007	Beard et al.
7,364,114	B2	4/2008	Wobben
7,400,950	B2	7/2008	Reich
7,472,863	B2	1/2009	Pak

(Continued)

**FOREIGN PATENT DOCUMENTS**

WO 2015126447 A1 8/2015

**OTHER PUBLICATIONS**

Sharper Image Drone DX 2inch Nano & Reviews . by macy's .  
earliest review dated Oct. 26, 2019. found online [Nov. 15, 2019]

[https://www.macys.com/shop/product/sharper-image-drone-dx-2inch-nano?ID=10036256&pla\\_country=US&CAGPSPN=pla&cm\\_mmc=MSN\\_Bing\\_Seasonal\\_PLA--All\\_Products--BS\\_All\\_Products--11617622401--pg10509956.\\*](https://www.macys.com/shop/product/sharper-image-drone-dx-2inch-nano?ID=10036256&pla_country=US&CAGPSPN=pla&cm_mmc=MSN_Bing_Seasonal_PLA--All_Products--BS_All_Products--11617622401--pg10509956.*)

(Continued)

*Primary Examiner* — Marissa J Cash

(74) *Attorney, Agent, or Firm* — Avyno Law P.C.

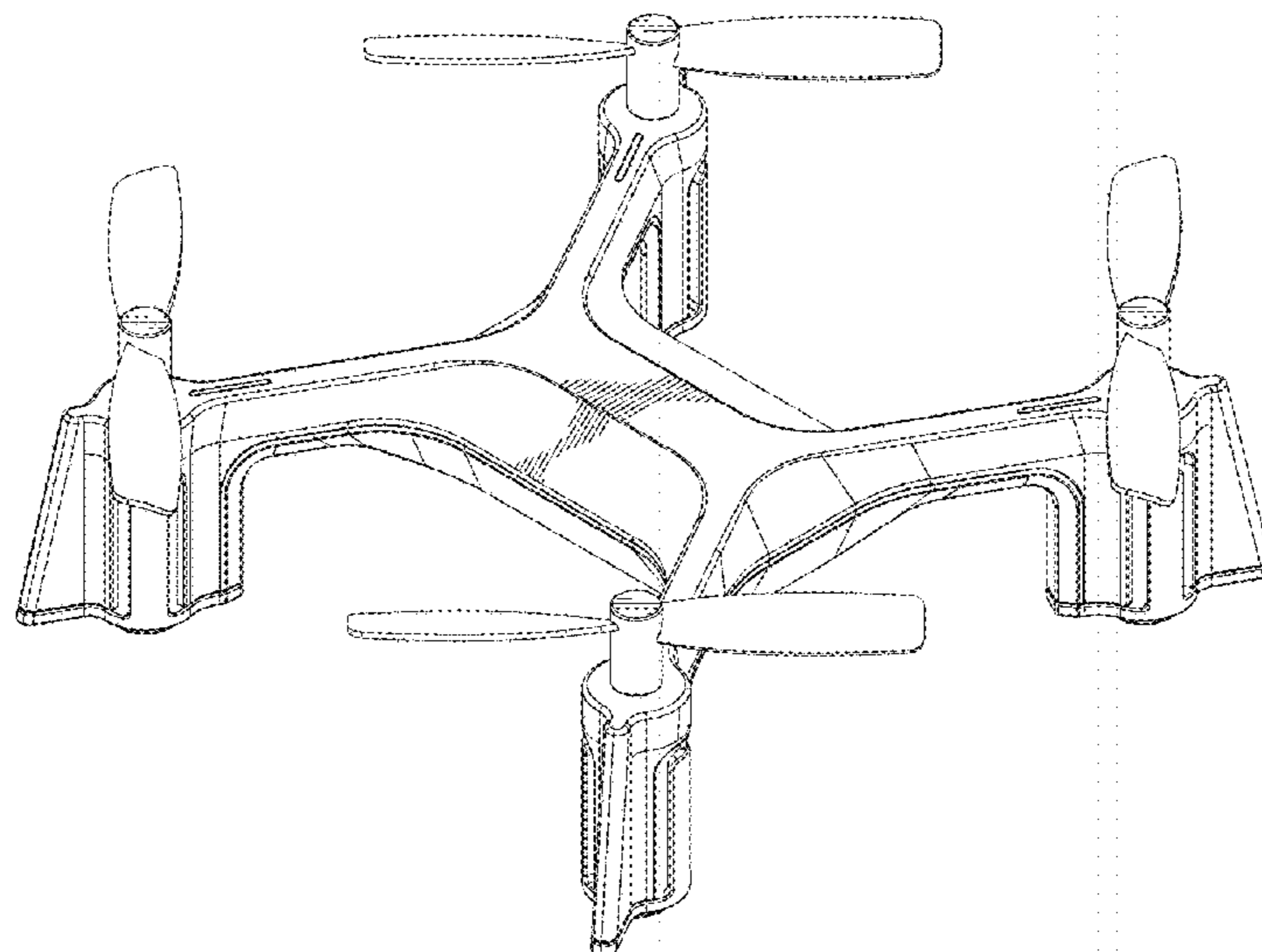
(57) **CLAIM**

I claim the ornamental design for a drone, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a drone.  
 FIG. 2 is a rear perspective view of the drone of FIG. 1.  
 FIG. 3 is a side view of the drone of FIG. 1 as seen from the left side of the propeller.  
 FIG. 4 is a side view of the drone of FIG. 1 as seen from the right side of the propeller.  
 FIG. 5 is a side view of the drone of FIG. 1 as seen from the left side of the propeller.  
 FIG. 6 is a side view of the drone of FIG. 1 as seen from the right side of the propeller.  
 FIG. 7 is a top view of the drone of FIG. 1.  
 FIG. 8 is a bottom view of the drone of FIG. 1.  
 FIG. 9 is a front perspective view of a drone.  
 FIG. 10 is a rear perspective view of the drone of FIG. 9.  
 FIG. 11 is a side view of the drone of FIG. 9 as seen from the left side of the propeller.  
 FIG. 12 is a side view of the drone of FIG. 9 as seen from the right side of the propeller.  
 FIG. 13 is a side view of the drone of FIG. 9 as seen from the left side of the propeller.  
 FIG. 14 is a side view of the drone of FIG. 9 as seen from the right side of the propeller.  
 FIG. 15 is a top of the drone of FIG. 9; and,  
 FIG. 16 is a bottom view of the drone of FIG. 9.

**1 Claim, 12 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

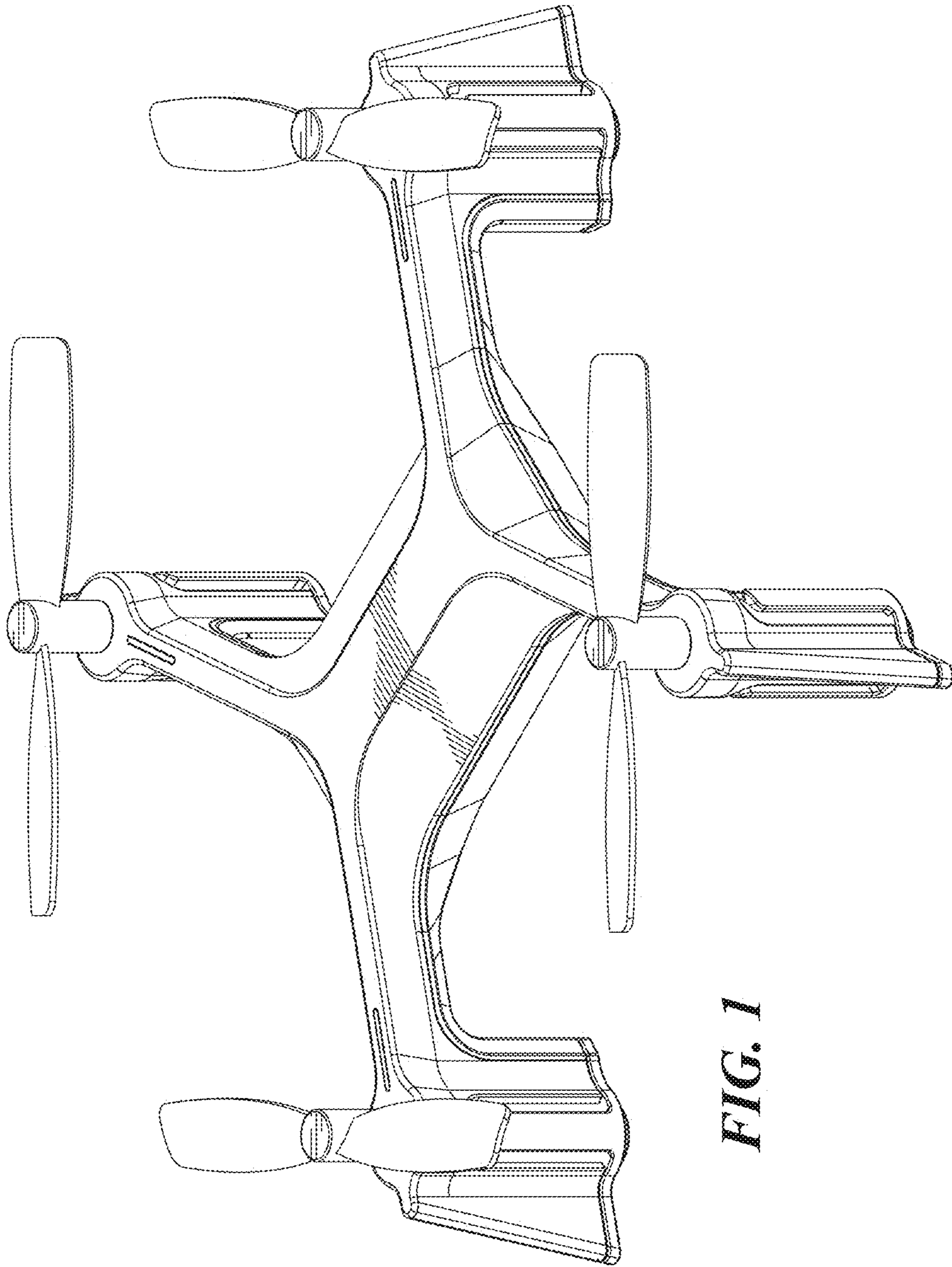
7,584,071 B2 9/2009 Lee  
 7,699,260 B2 4/2010 Hughey  
 7,959,104 B2 6/2011 Kuntz  
 8,052,081 B2 11/2011 Olm et al.  
 8,106,748 B2 1/2012 Lee  
 8,175,763 B2 5/2012 Yamane et al.  
 8,214,088 B2 7/2012 Lefebure  
 8,265,808 B2 9/2012 Garrec et al.  
 8,292,215 B2 10/2012 Olm et al.  
 8,322,648 B2 12/2012 Kroetsch et al.  
 8,328,128 B2 12/2012 Wiggerich  
 8,328,130 B2 12/2012 Goossen  
 8,594,862 B2 11/2013 Callou et al.  
 8,774,982 B2 7/2014 Oakley et al.  
 D710,454 S 8/2014 Barajas et al.  
 8,794,564 B2 8/2014 Hutson  
 8,794,566 B2 8/2014 Hutson  
 8,827,200 B2 9/2014 Radu  
 8,931,730 B2 1/2015 Wang et al.  
 8,973,861 B2 3/2015 Zhou et al.  
 8,983,684 B2 3/2015 Callou et al.  
 8,991,740 B2 3/2015 Olm et al.  
 9,004,973 B2 4/2015 Condon et al.  
 9,016,617 B2 4/2015 Wang et al.  
 9,020,666 B2 4/2015 Ohtomo et al.  
 9,051,050 B2 6/2015 Achtelik et al.  
 9,061,558 B2 6/2015 Kalantari et al.  
 9,145,207 B2 9/2015 Moschetta et al.  
 D741,779 S \* 10/2015 Hsiao ..... D12/16.1  
 9,199,733 B2 12/2015 Keennon et al.  
 9,221,536 B2 12/2015 Wang et al.  
 9,260,184 B2 2/2016 Olm et al.  
 9,364,766 B2 6/2016 Mielniczek  
 D785,541 S \* 5/2017 Du ..... D12/328  
 D798,961 S \* 10/2017 Li ..... D21/441  
 D813,723 S \* 3/2018 Ahn ..... D12/16.1  
 D813,724 S \* 3/2018 Hu ..... D12/16.1

D818,872 S \* 5/2018 Ho ..... D12/16.1  
 D818,874 S \* 5/2018 Tian ..... D12/16.1  
 D819,749 S \* 6/2018 Caubel ..... D21/449  
 D821,263 S \* 6/2018 Goldy ..... D12/16.1  
 D825,379 S \* 8/2018 Gury ..... D12/16.1  
 D843,267 S \* 3/2019 Gao ..... D12/16.1  
 D849,154 S \* 5/2019 Zhao ..... D21/436  
 D854,448 S \* 7/2019 Chen ..... D12/16.1  
 D858,353 S \* 9/2019 Gan ..... D12/16.1  
 D860,047 S \* 9/2019 Gan ..... D12/16.1  
 D860,048 S \* 9/2019 Caubel ..... D12/16.1  
 D861,573 S \* 10/2019 He ..... D12/328  
 D864,022 S \* 10/2019 Gan ..... D12/16.1  
 2002/0104922 A1 8/2002 Nakamura  
 2008/0006737 A1 1/2008 Aircraft  
 2010/0044499 A1 2/2010 Dragan et al.  
 2010/0243794 A1 9/2010 Jermyn  
 2011/0049290 A1 3/2011 Seydoux et al.  
 2011/0226892 A1 9/2011 Crowther et al.  
 2014/0043493 A1 2/2014 Bateman et al.  
 2014/0263822 A1 9/2014 Malveaux  
 2015/0051755 A1 2/2015 Erhart et al.  
 2016/0100093 A1 4/2016 Schield et al.  
 2016/0104384 A1 4/2016 Hanel et al.  
 2017/0174316 A1 \* 6/2017 Huddleston, Jr. .... B64C 11/00  
 2017/0301109 A1 \* 10/2017 Chan ..... G06K 9/0063  
 2018/0095468 A1 \* 4/2018 Yang ..... B64C 39/024  
 2018/0149947 A1 \* 5/2018 Kim ..... B64C 25/10  
 2019/0039719 A1 \* 2/2019 Baek ..... B64C 11/04

OTHER PUBLICATIONS

Sharper Image Rechargeable DX-3 Video Drone . by merchsource on amazon. earliest review dated Oct. 26, 2016. found online [Nov. 15, 2019] [https://www.amazon.com/product-reviews/B01LW6G8LW/ref=cm\\_cr\\_getr\\_d\\_paging\\_btm\\_next\\_3?ie=UTF8&reviewerType=all\\_reviews&sortBy=recent&pageNumber=3](https://www.amazon.com/product-reviews/B01LW6G8LW/ref=cm_cr_getr_d_paging_btm_next_3?ie=UTF8&reviewerType=all_reviews&sortBy=recent&pageNumber=3).\*

\* cited by examiner



**FIG. 1**

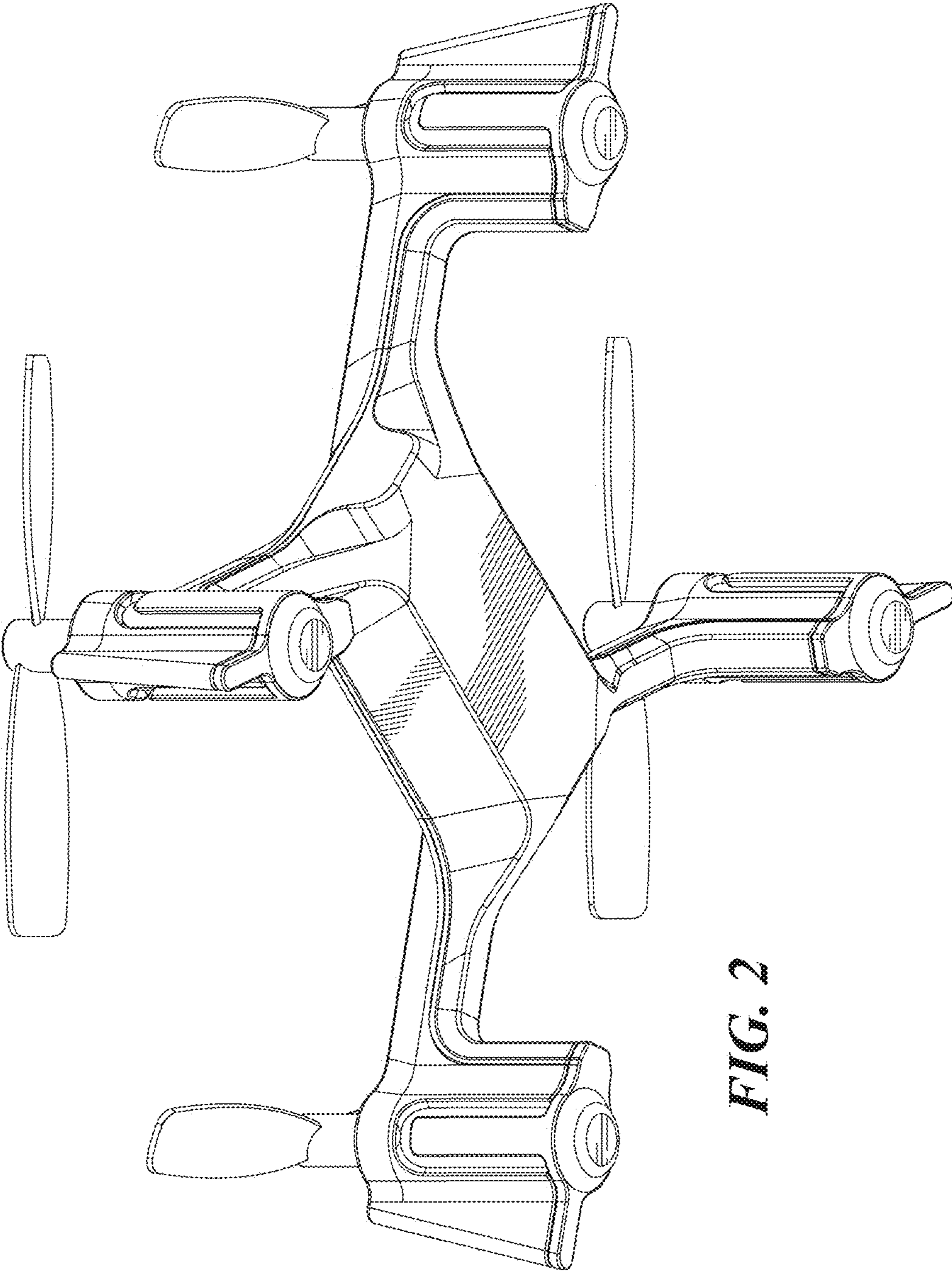
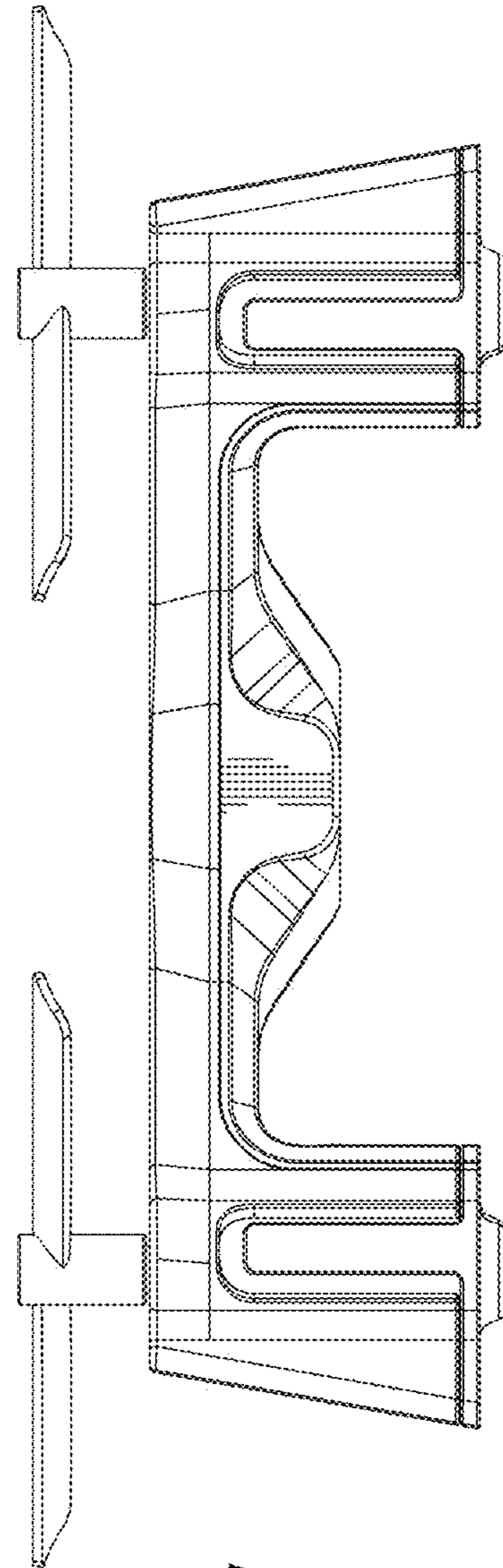
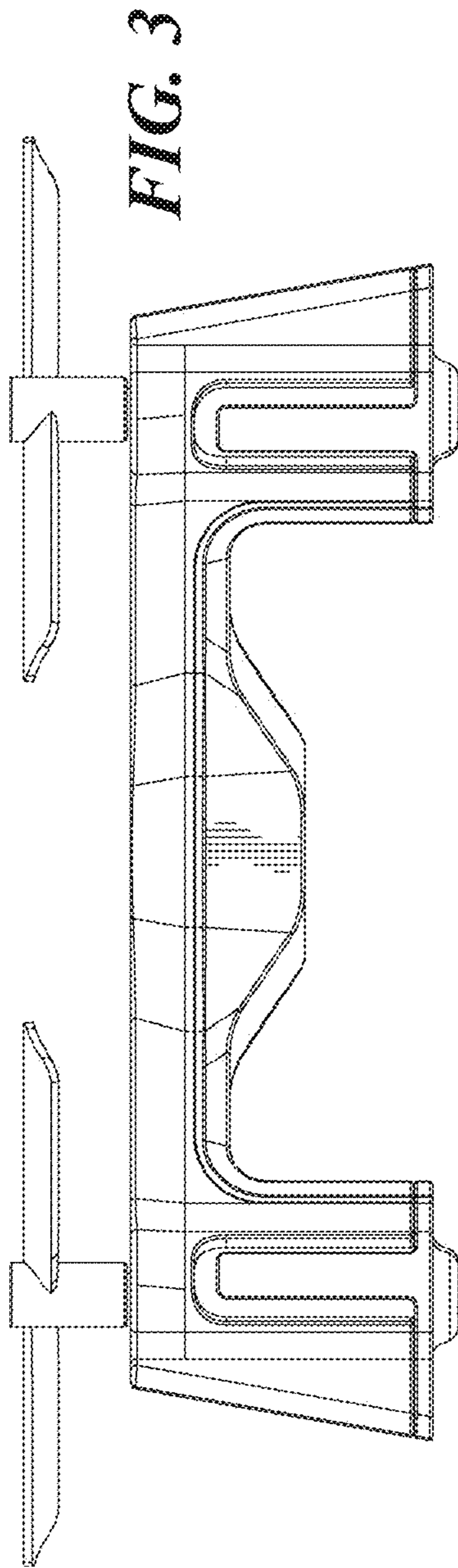
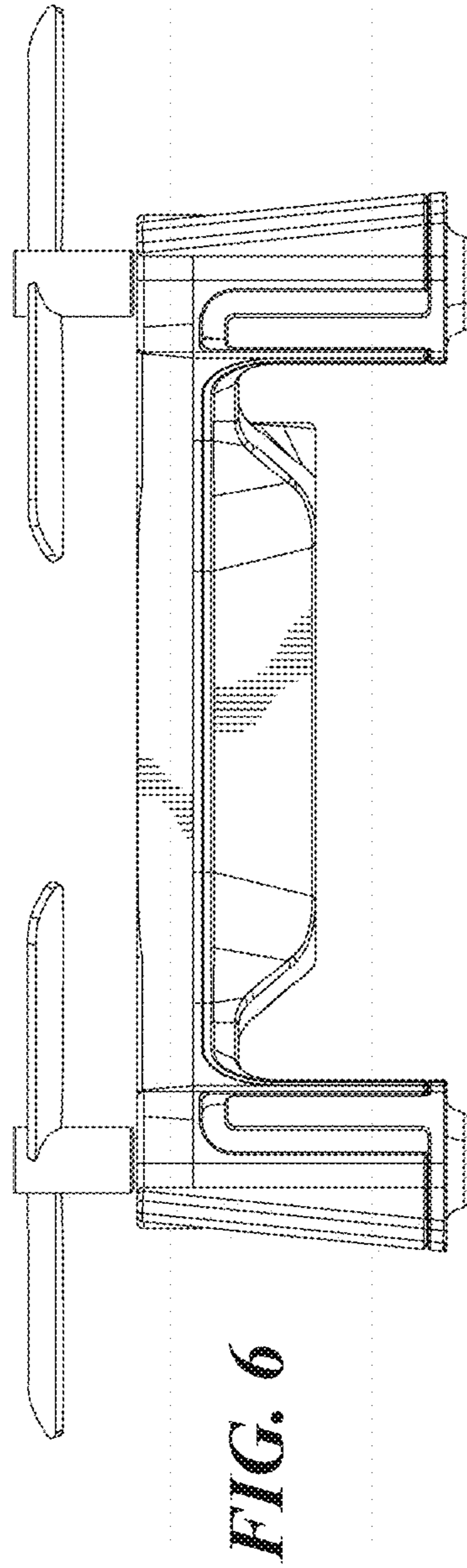
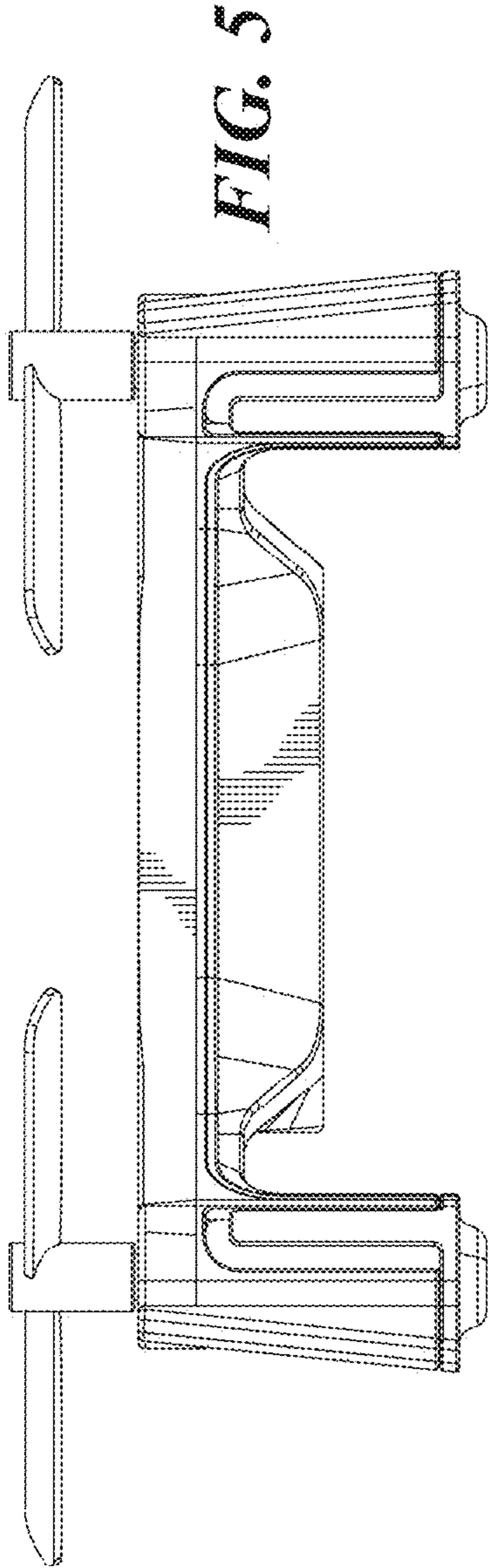
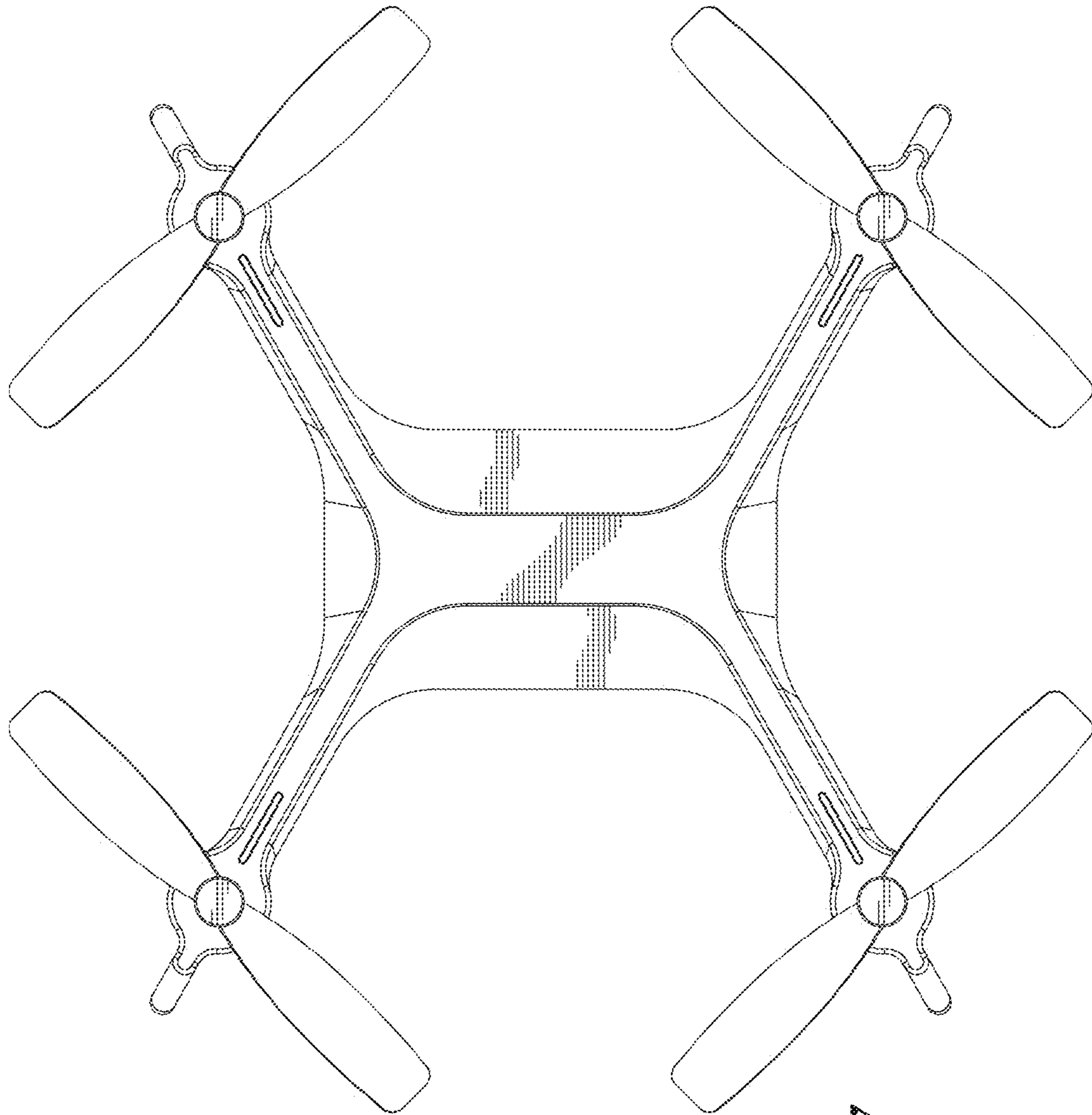


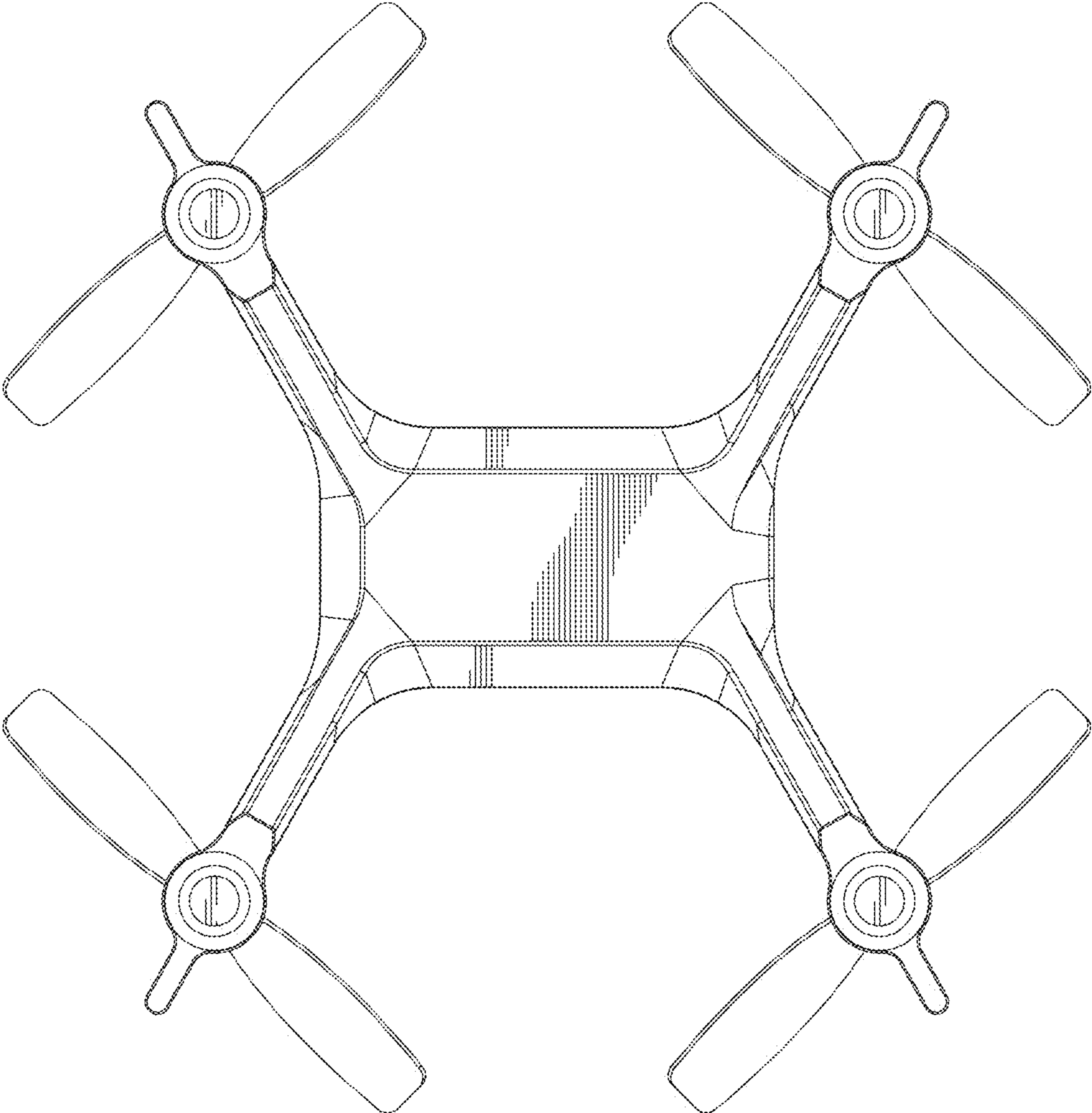
FIG. 2





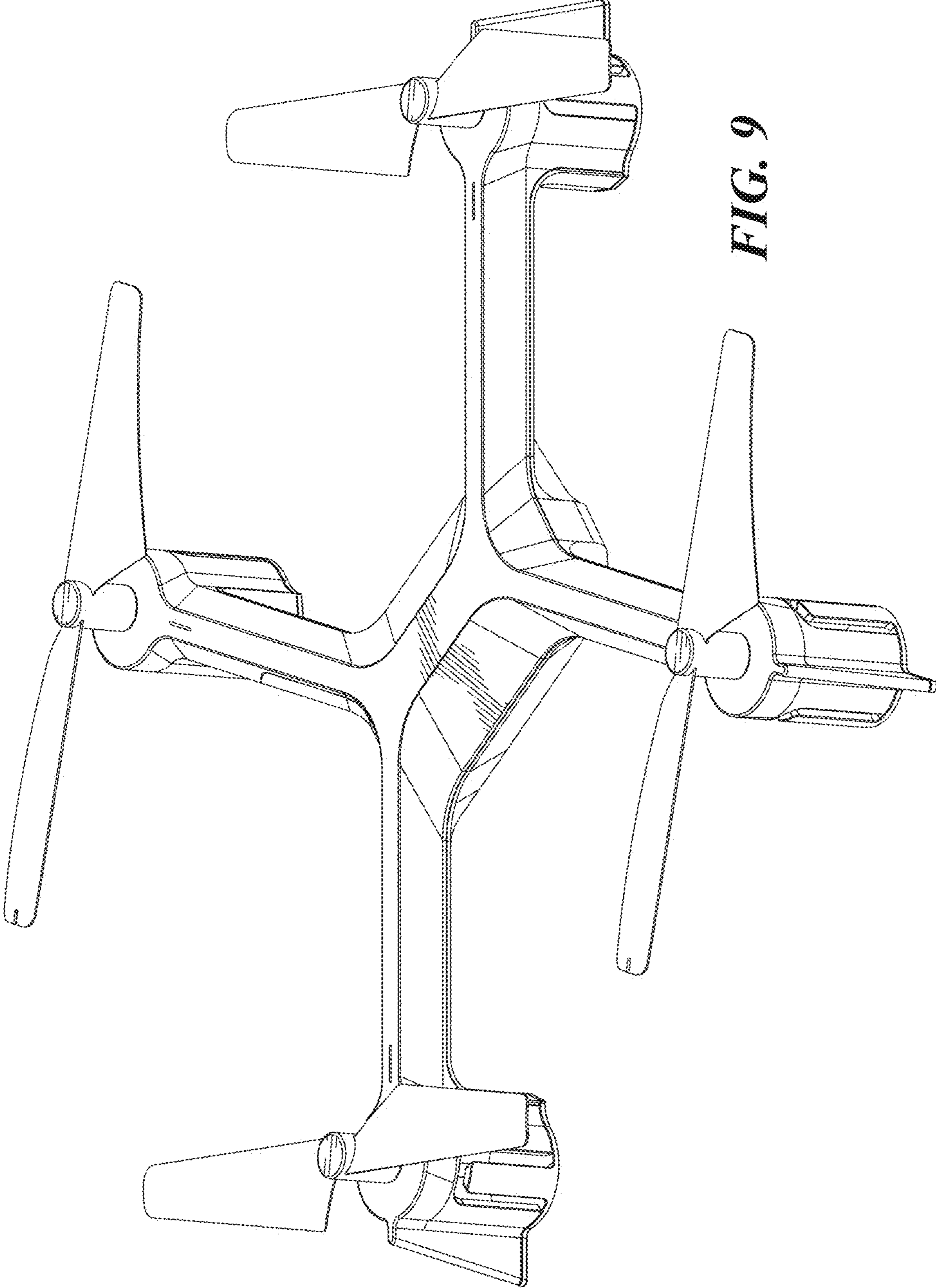


**FIG. 7**

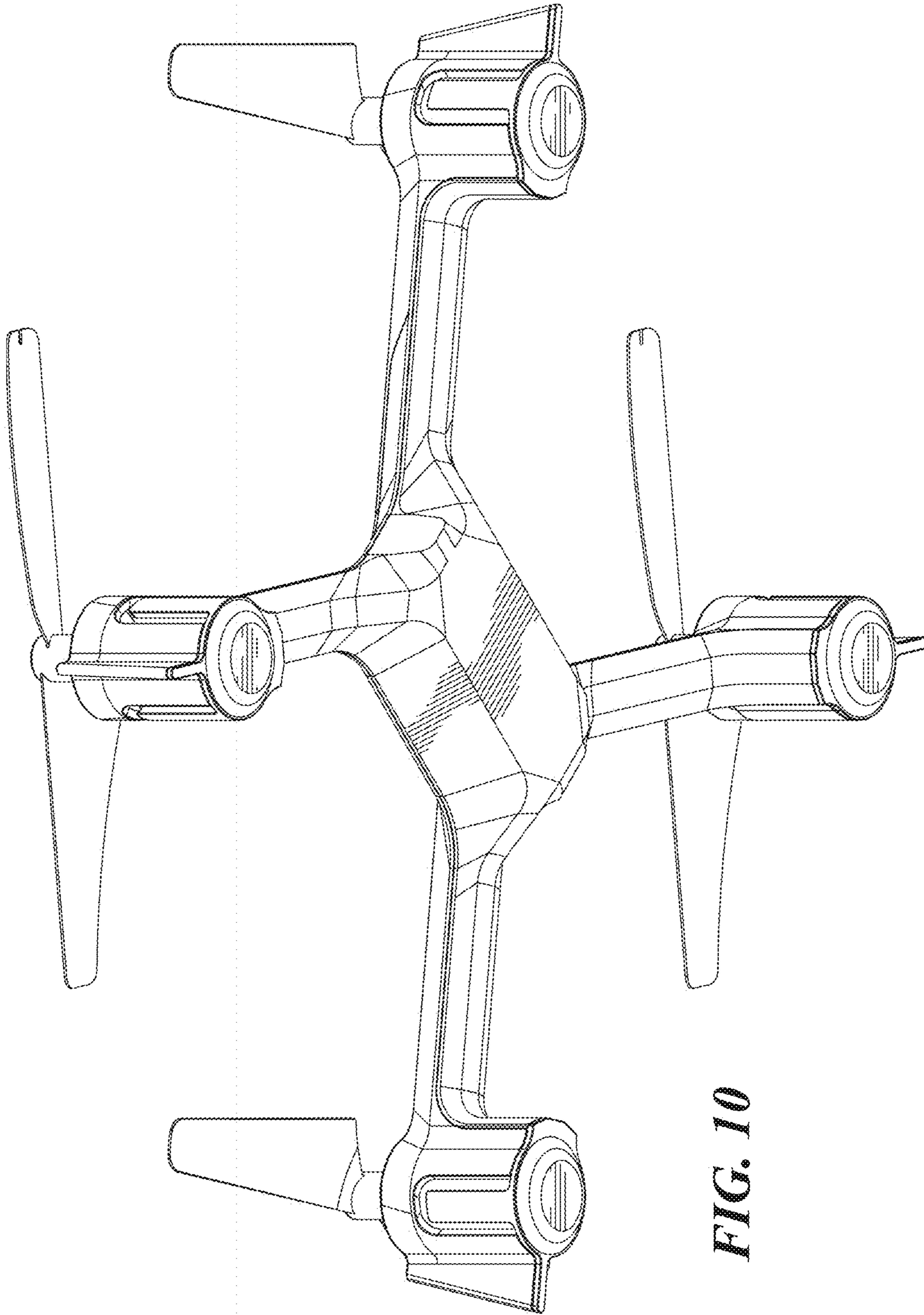


**FIG. 8**

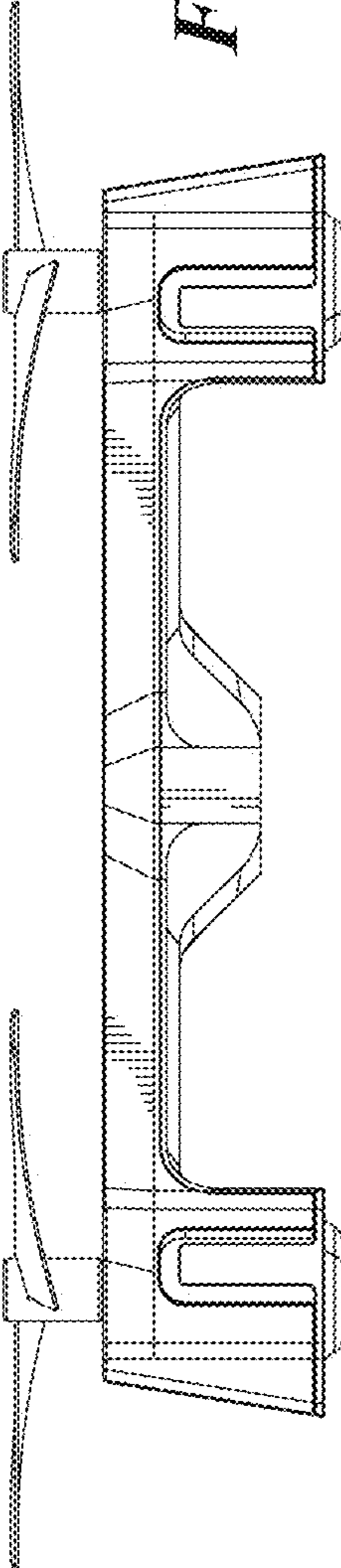




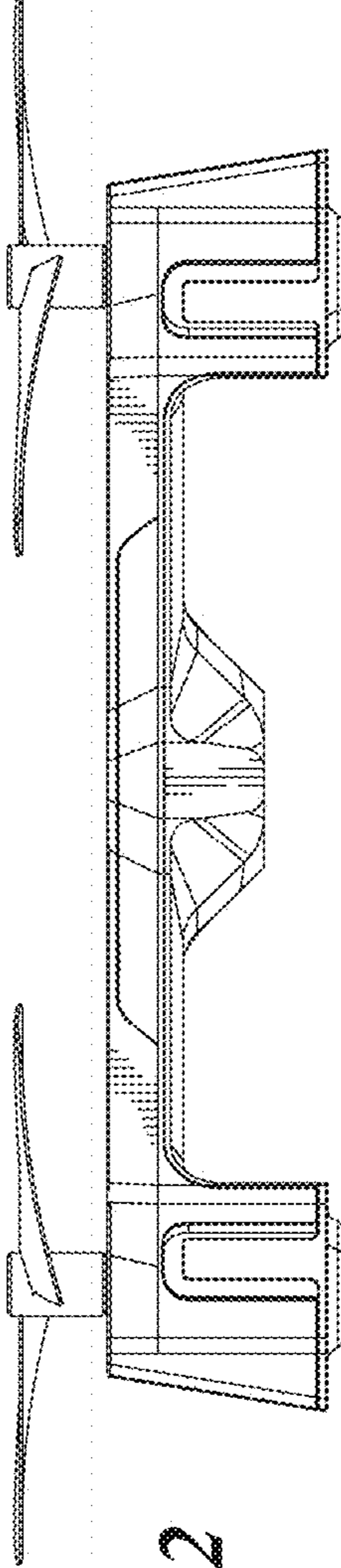
**FIG. 9**



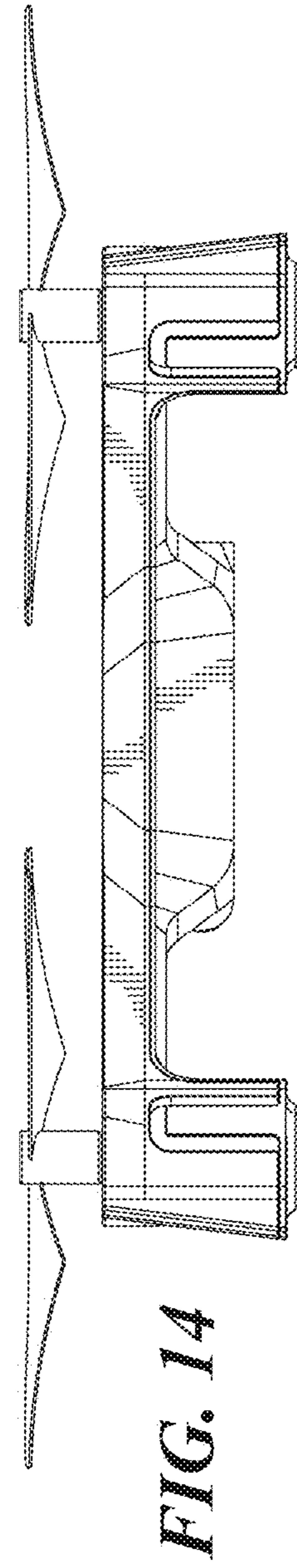
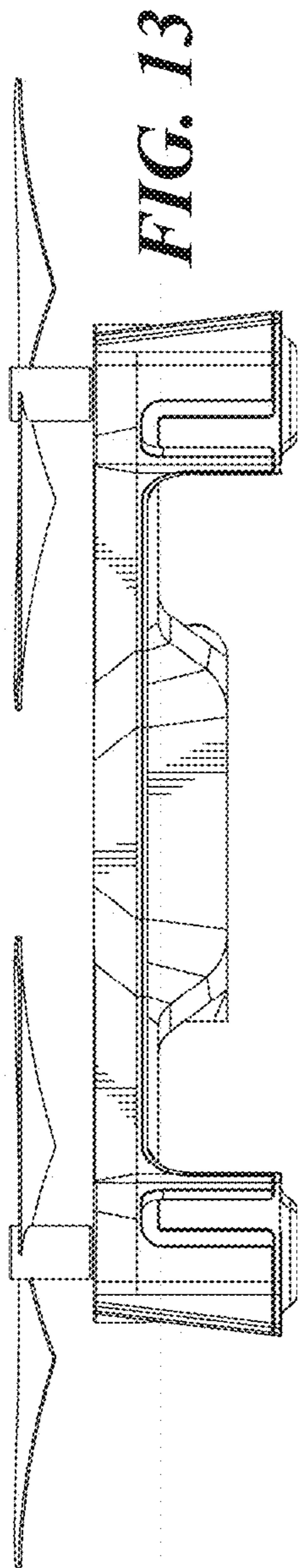
**FIG. 10**

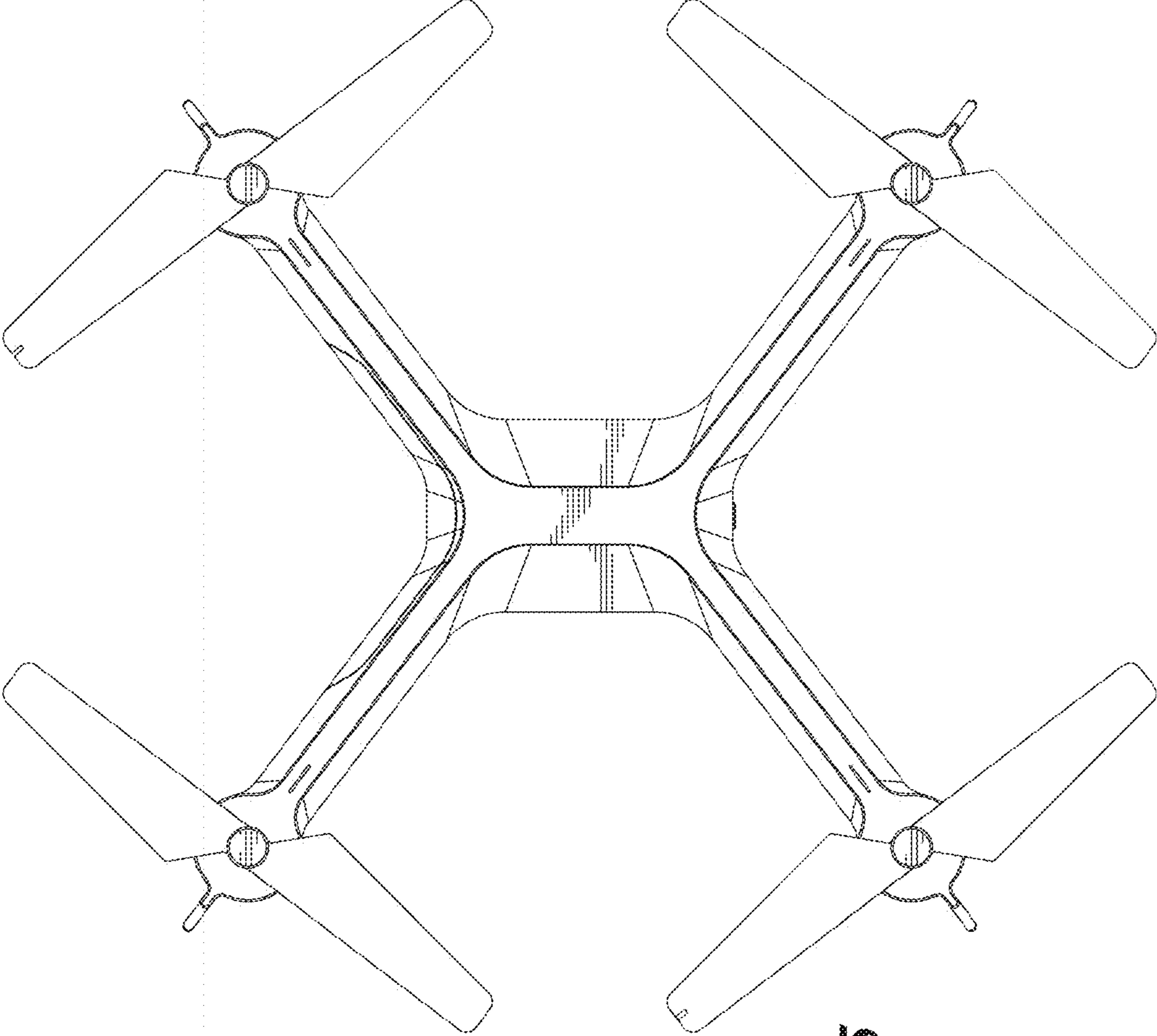


*FIG. 11*

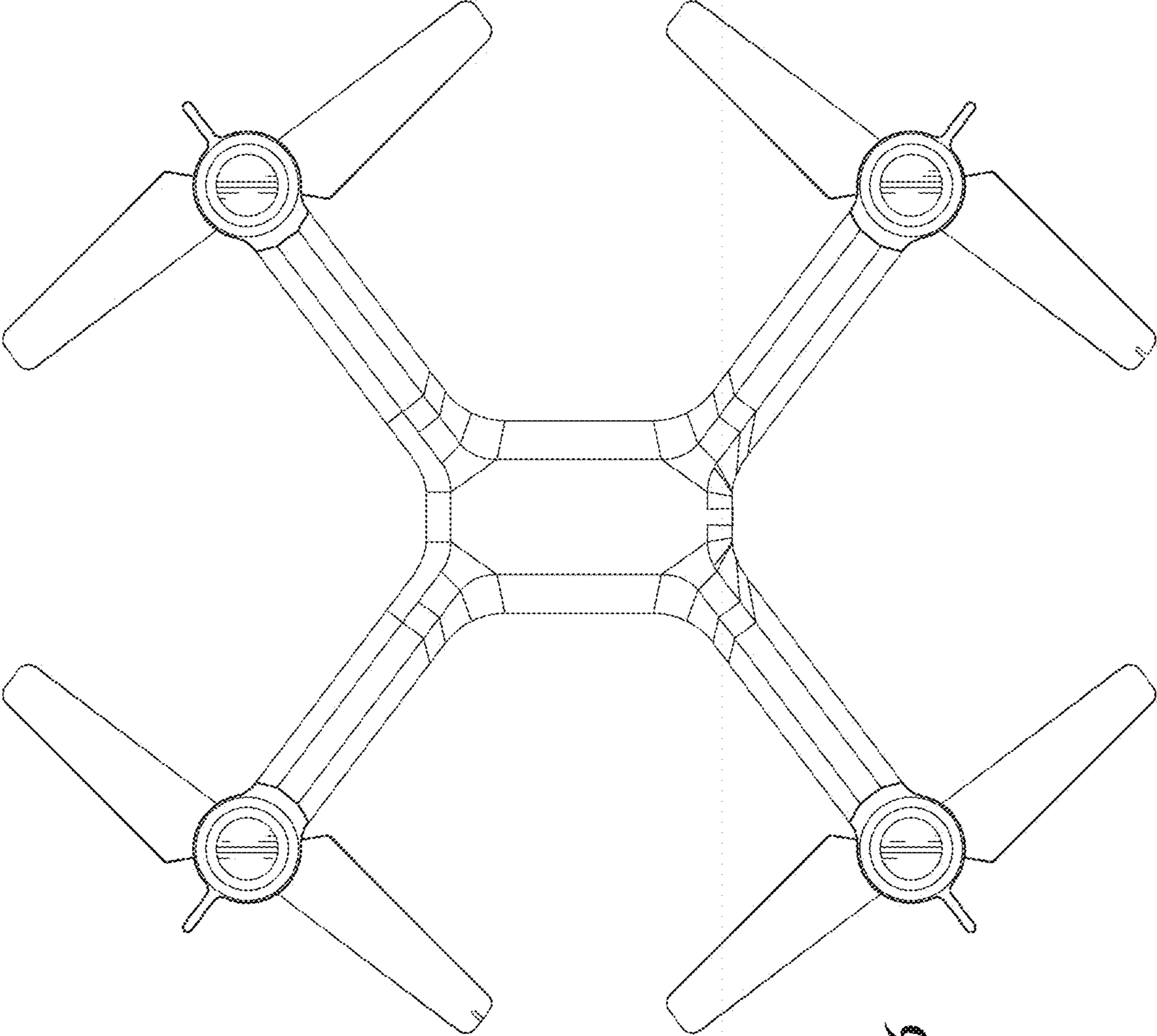


*FIG. 12*





**FIG. 15**



**FIG. 16**