



US00D803328S

(12) **United States Design Patent** (10) **Patent No.:** **US D803,328 S**  
**Lee** (45) **Date of Patent:** **\*\* \*Nov. 21, 2017**

(54) **AERIAL VEHICLE**

(71) Applicant: **GoPro, Inc.**, San Mateo, CA (US)

(72) Inventor: **Seungheon Lee**, Cupertino, CA (US)

(73) Assignee: **GoPro, Inc.**, San Mateo, CA (US)

(\* ) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/549,171**

(22) Filed: **Dec. 18, 2015**

(51) **LOC (10) Cl.** ..... **21-01**

(52) **U.S. Cl.**

USPC ..... **D21/441**; D12/16.1

(58) **Field of Classification Search**

USPC ..... D12/16.1, 319–324, 326–345; D21/436,  
D21/441, 443, 444, 446, 447, 448, 449,  
D21/450, 451, 452, 453

(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D189,462 S 12/1960 Vogt  
D197,038 S 12/1963 Howard

(Continued)

**FOREIGN PATENT DOCUMENTS**

CN 303368298 9/2015  
IS 71117-0016 1/2009

**OTHER PUBLICATIONS**

“Best Drone for GoPro,” Drone by GoPro, Retrieved online on Apr. 27, 2016, 4 pages, Retrieved from the Internet <URL:http://dronegopro.org/>.

(Continued)

*Primary Examiner* — Robert M Spear

*Assistant Examiner* — Marissa J Cash

(74) *Attorney, Agent, or Firm* — Fenwick & West LLP

(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a rear, top, and left side perspective view of an aerial vehicle with folded arms and folded landing gear; FIG. 2 is a front, top, and right side perspective view of the aerial vehicle with folded arms and folded landing gear; FIG. 3 is a rear, bottom, and right side perspective view of the aerial vehicle with folded arms and folded landing gear; FIG. 4 is a front, bottom, and left side perspective view of the aerial vehicle with folded arms and folded landing gear; FIG. 5 is a top plan view of the aerial vehicle with folded arms and folded landing gear; FIG. 6 is a bottom plan view of the aerial vehicle with folded arms and folded landing gear; FIG. 7 is a left side elevational view of the aerial vehicle with folded arms and folded landing gear; FIG. 8 is a right side elevational view of the aerial vehicle with folded arms and folded landing gear; FIG. 9 is a rear elevation view of the aerial vehicle with folded arms and folded landing gear; FIG. 10 is a front elevation view of the aerial vehicle with folded arms and folded landing gear. FIG. 11 is a rear, top, and left side perspective view of an aerial vehicle with open arms and landing gear; FIG. 12 is a front, top, and right side perspective view of the aerial vehicle with open arms and landing gear; FIG. 13 is a rear, bottom, and right side perspective view of the aerial vehicle with open arms and landing gear; FIG. 14 is a front, bottom, and left side perspective view of the aerial vehicle with open arms and landing gear; FIG. 15 is a top plan view of the aerial vehicle with open arms and landing gear; FIG. 16 is a bottom plan view of the aerial vehicle with open arms and landing gear; FIG. 17 is a left side elevational view of the aerial vehicle with open arms and landing gear;

(Continued)

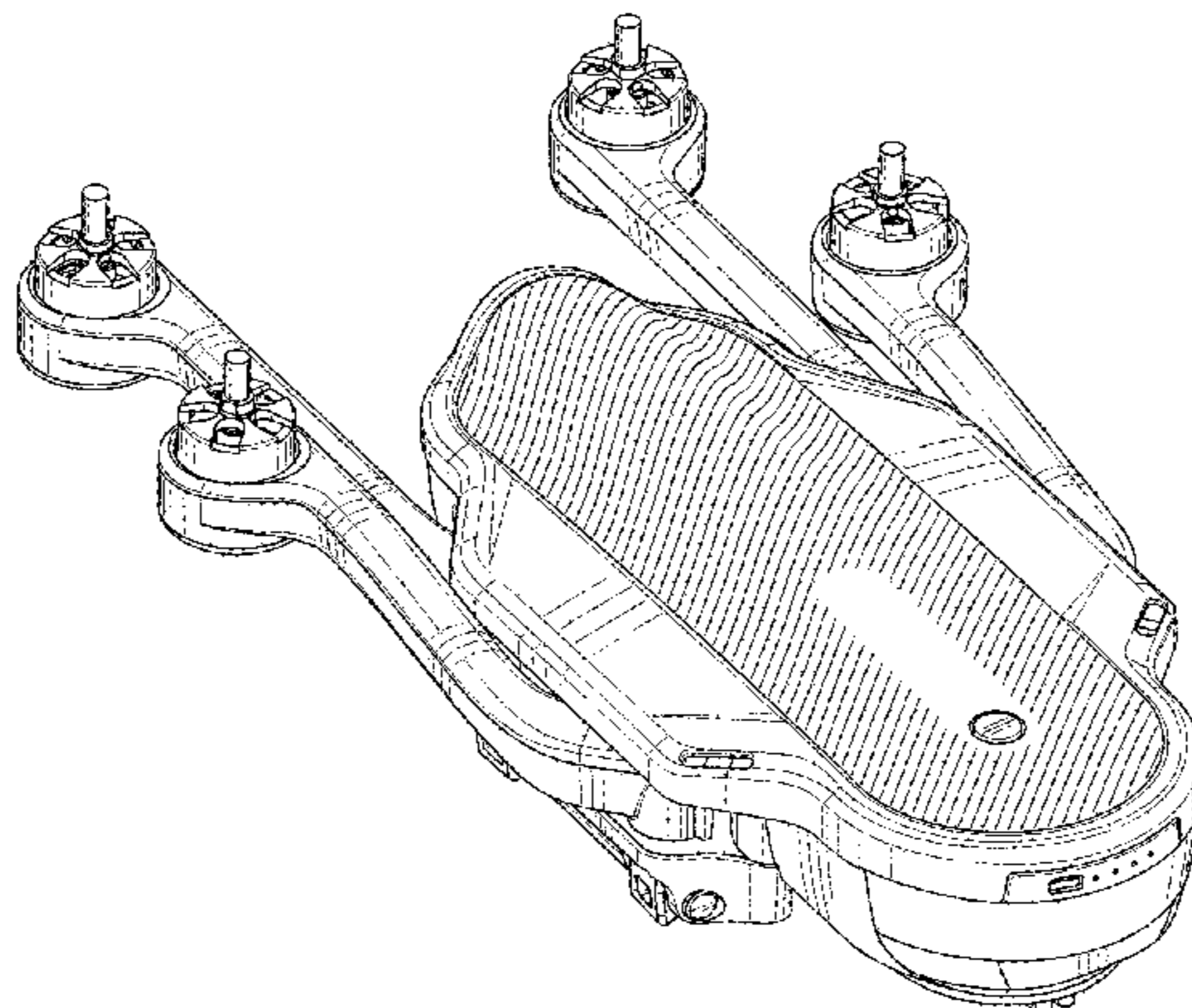


FIG. 18 is a right side elevational view of the aerial vehicle with open arms and landing gear;  
 FIG. 19 is a rear elevation view of the aerial vehicle with open arms and landing gear; and,  
 FIG. 20 is a front elevation view of the aerial vehicle with open arms and landing gear.

**1 Claim, 20 Drawing Sheets**

(58) **Field of Classification Search**

CPC ..... B64C 1/062; B64C 39/024; B64C 27/08;  
 B64C 29/00; B64C 39/00; B64C 23/00  
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D349,520 S	8/1994	Iwakami
D367,895 S	3/1996	Goto
D383,800 S	9/1997	Ishizaki et al.
D411,863 S	7/1999	Chan
D448,810 S	10/2001	Goto
D460,450 S	7/2002	Goto
D465,196 S	11/2002	Dammar
D547,763 S	7/2007	Hayes et al.
D603,457 S	11/2009	Julskjer
D628,658 S	12/2010	Wurm
D631,922 S	2/2011	Kang
D637,241 S	5/2011	Cheng
D657,005 S	4/2012	Zahornacky
8,292,215 B2	10/2012	Olm et al.
D672,397 S	12/2012	Wai
D691,514 S	10/2013	Wang et al.
D710,452 S	8/2014	Barajas et al.
D710,453 S	8/2014	Barajas et al.

D710,454 S	8/2014	Barajas et al.	
8,967,029 B1	3/2015	Calvert	
8,973,861 B2	3/2015	Zhou et al.	
9,061,763 B1	6/2015	Christensen et al.	
9,099,902 B2	8/2015	Chen	
D741,751 S *	10/2015	Klaptocz .....	D12/16.1
D741,779 S	10/2015	Hsiao et al.	
D768,539 S *	10/2016	Lee .....	D12/16.1
9,501,061 B2	11/2016	Canoy et al.	
2011/0001001 A1	1/2011	Bryant	
2014/0263823 A1	9/2014	Wang et al.	
2014/0339355 A1	11/2014	Olm et al.	
2015/0051755 A1	2/2015	Erhart et al.	
2015/0060606 A1	3/2015	Wang et al.	
2015/0129711 A1	5/2015	Caubel	
2015/0210388 A1	7/2015	Criado et al.	
2015/0259066 A1	9/2015	Johannesson et al.	
2015/0321755 A1	11/2015	Martin et al.	
2015/0336670 A1	11/2015	Zhang	
2016/0001879 A1	1/2016	Johannesson et al.	
2016/0031275 A1	2/2016	Monroe et al.	
2016/0068261 A1	3/2016	Niederberger	
2017/0001721 A1*	1/2017	Saika .....	B64C 27/48
2017/0036771 A1*	2/2017	Woodman .....	B64D 27/26

OTHER PUBLICATIONS

Amazon.com: Parabolic Antenna OJI Signal Booster and Range Extender. Antenna Booster for DJI Phantom 4, 3 Pro/Advanced Inspire 1, Review Apr. 2016, 8 Pages, [online] [retrieved on Sep. 28, 2016] Retrieved from the internet <URL:https://www.amazon.com/Parabolic-Antenna-Booster-Extender-Advanced/dp/B01DK4JQNE/ref=cm\_cr\_arp\_d\_product\_top?ie=UTF8>.  
 Office Action for Canadian Patent Application No. CA 169042, dated Jan. 12, 2017, 5 Pages.  
 Office Action for Russian Design Application No. RU 2016502372, dated Mar. 10, 2017, 4 Pages (With English Translation).

\* cited by examiner

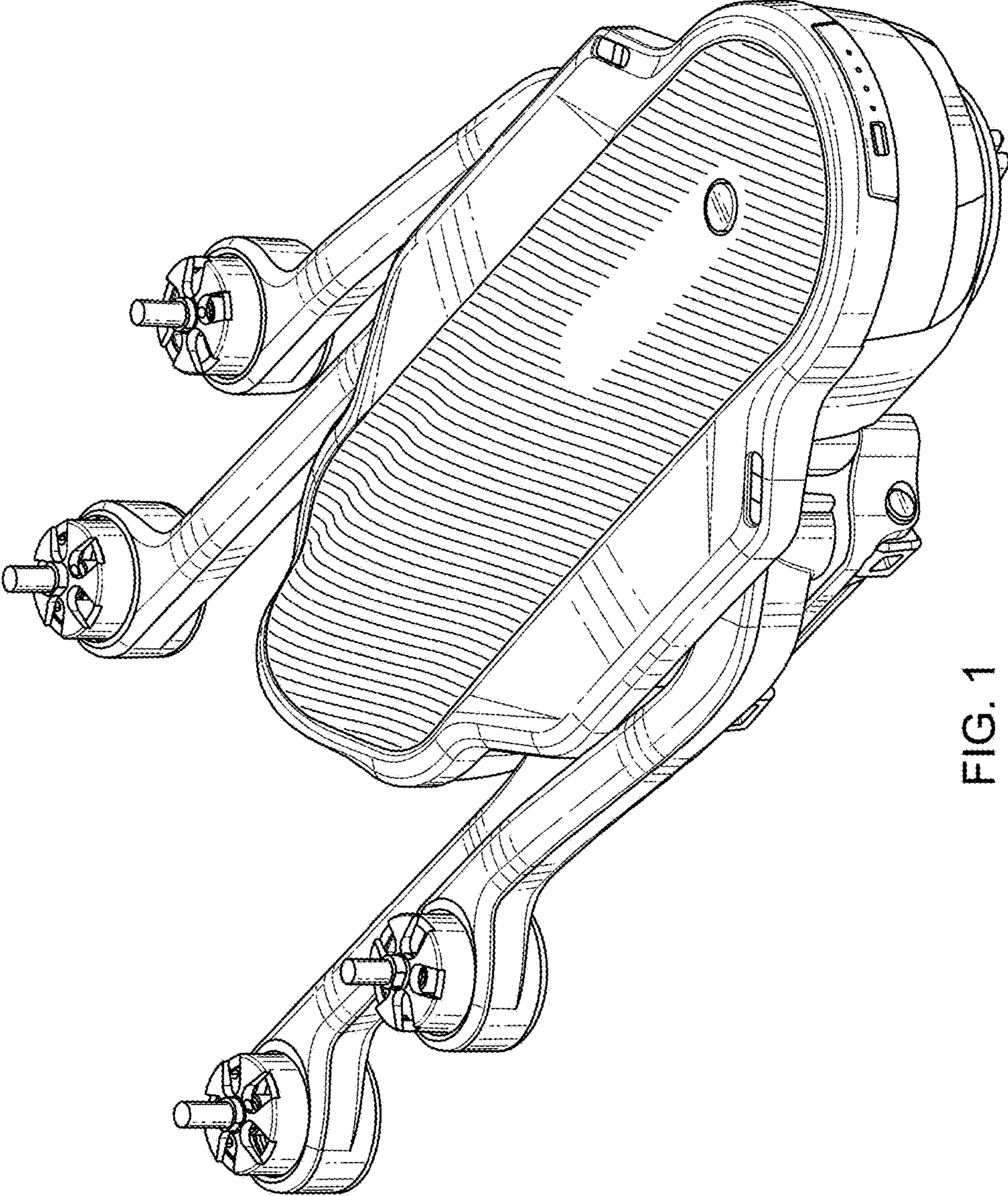


FIG. 1

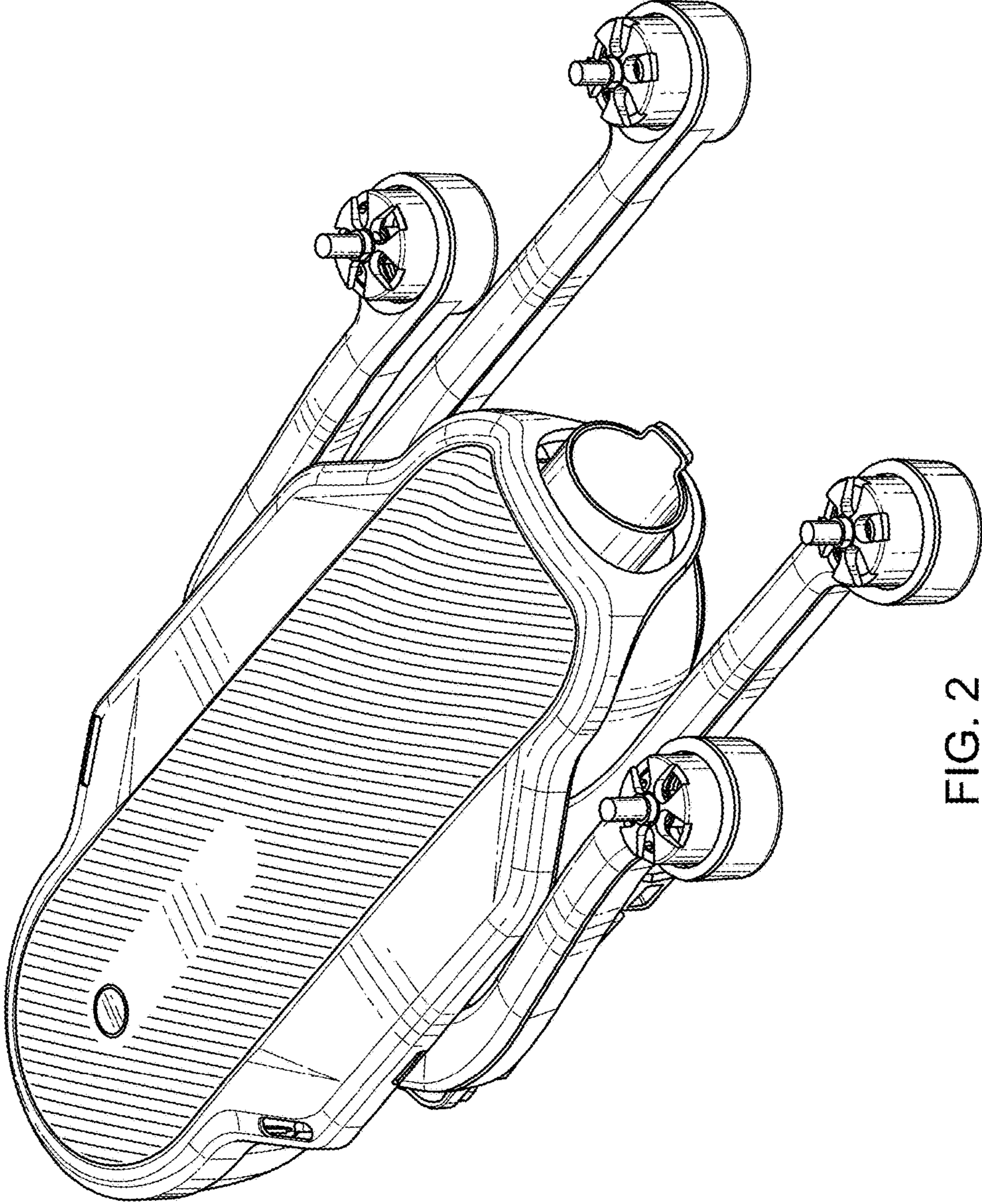


FIG. 2

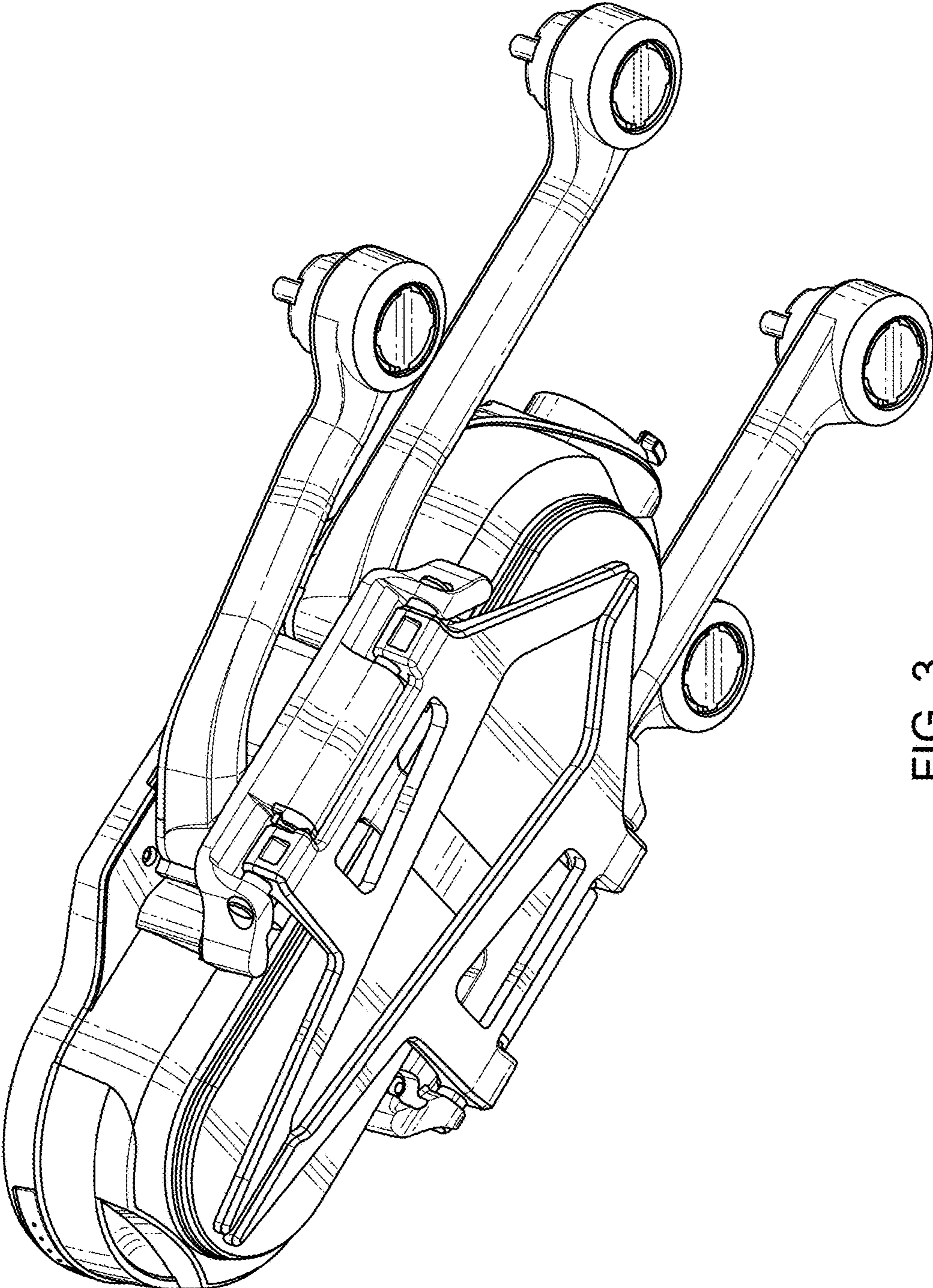


FIG. 3

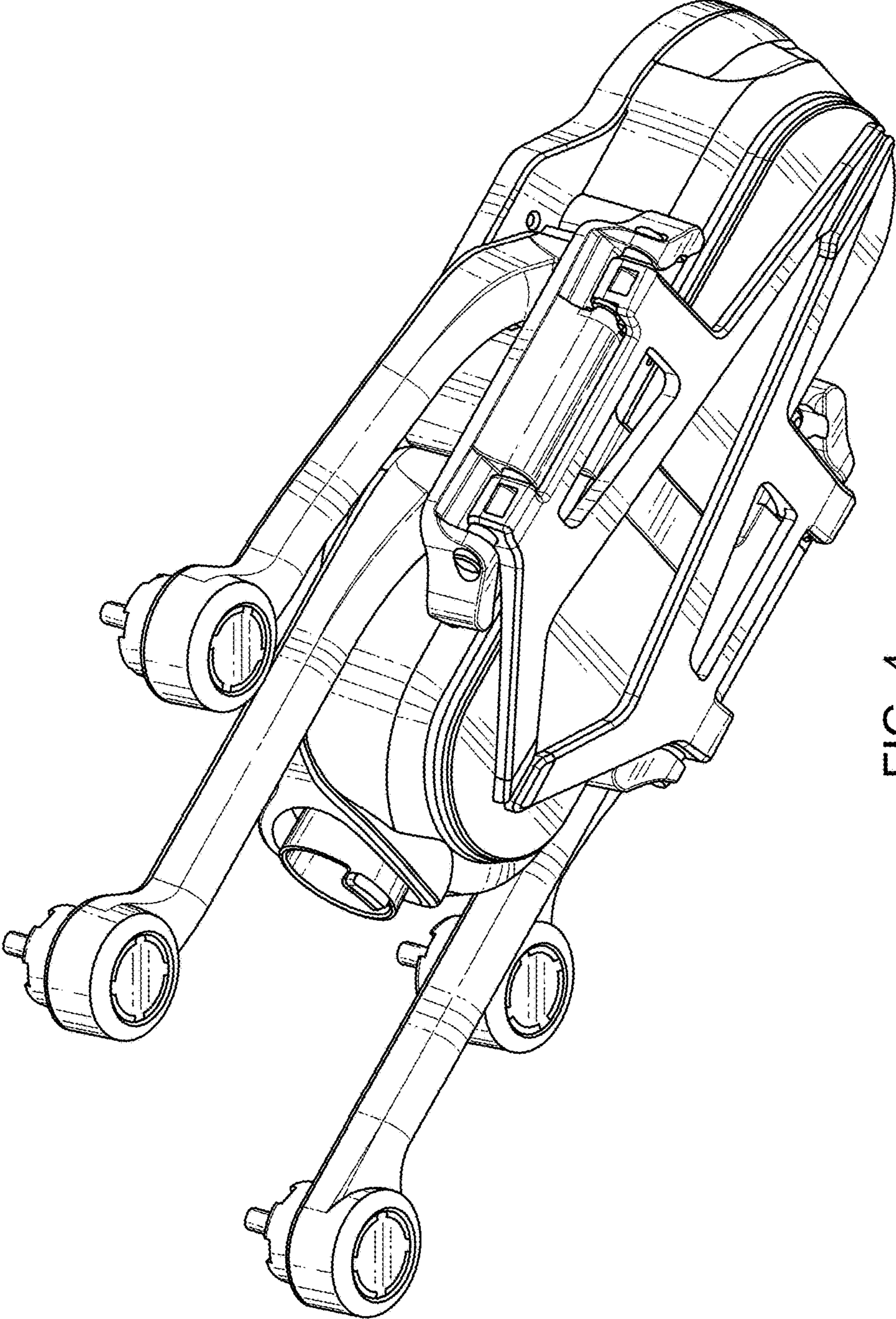


FIG. 4

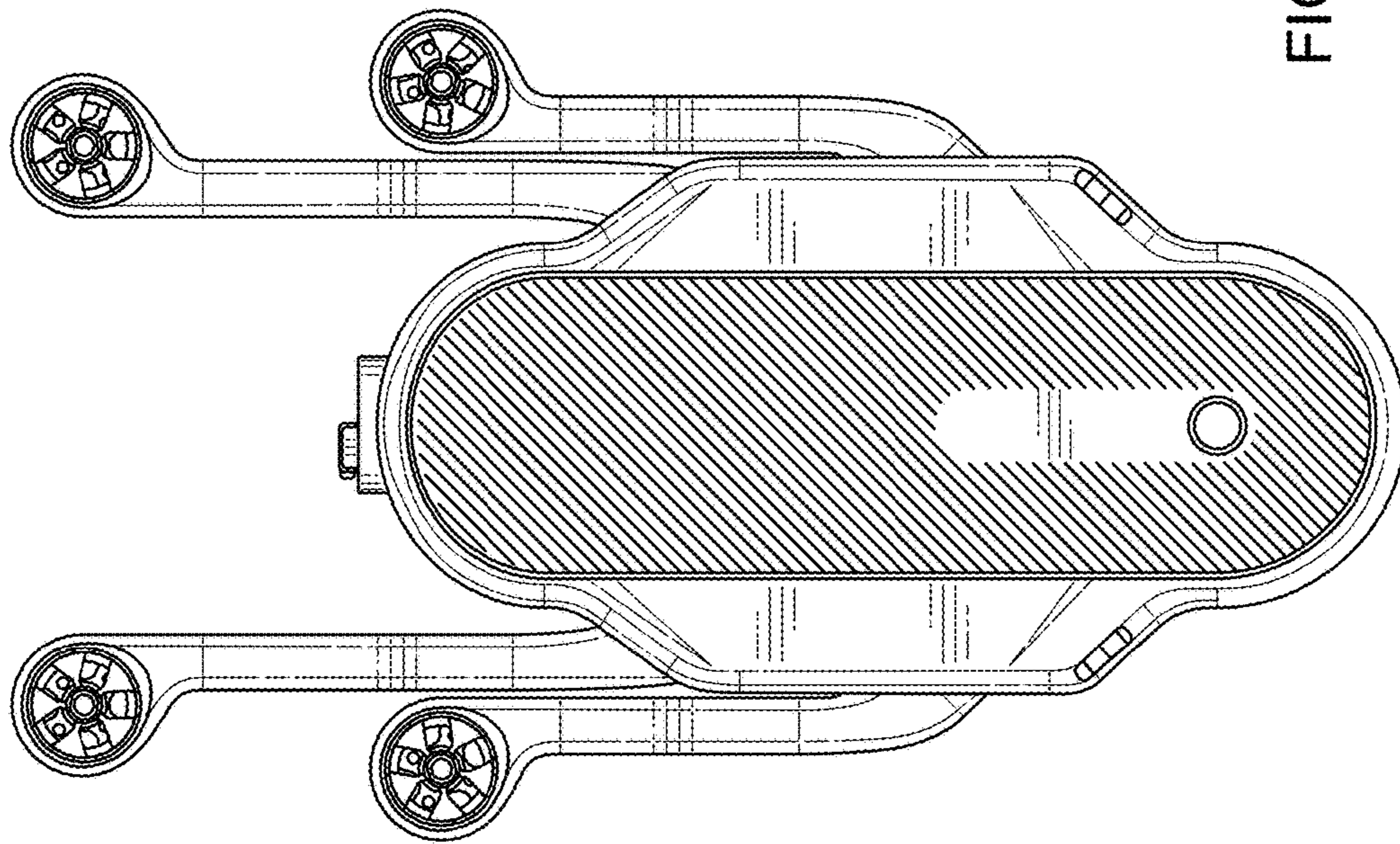


FIG. 5

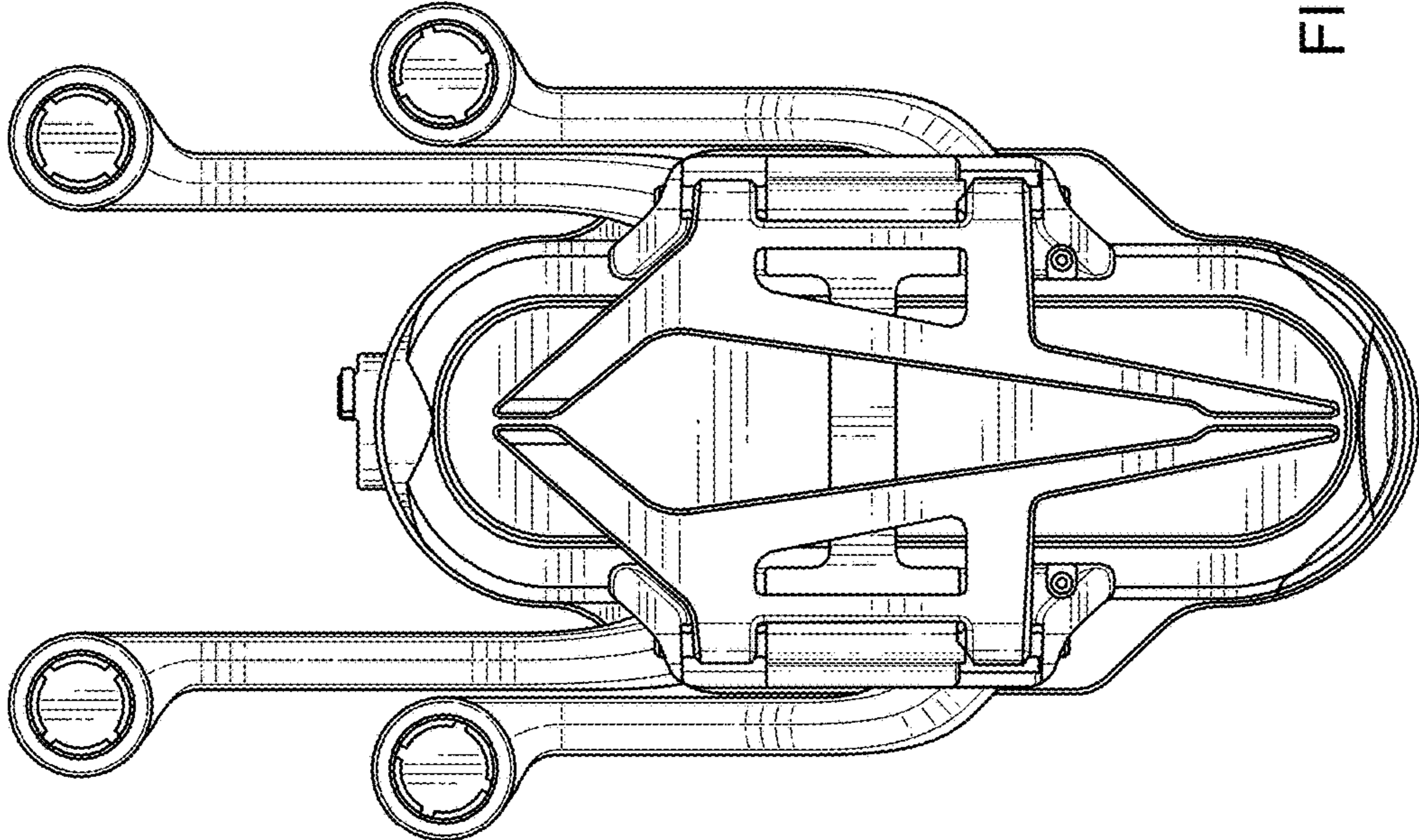


FIG. 6



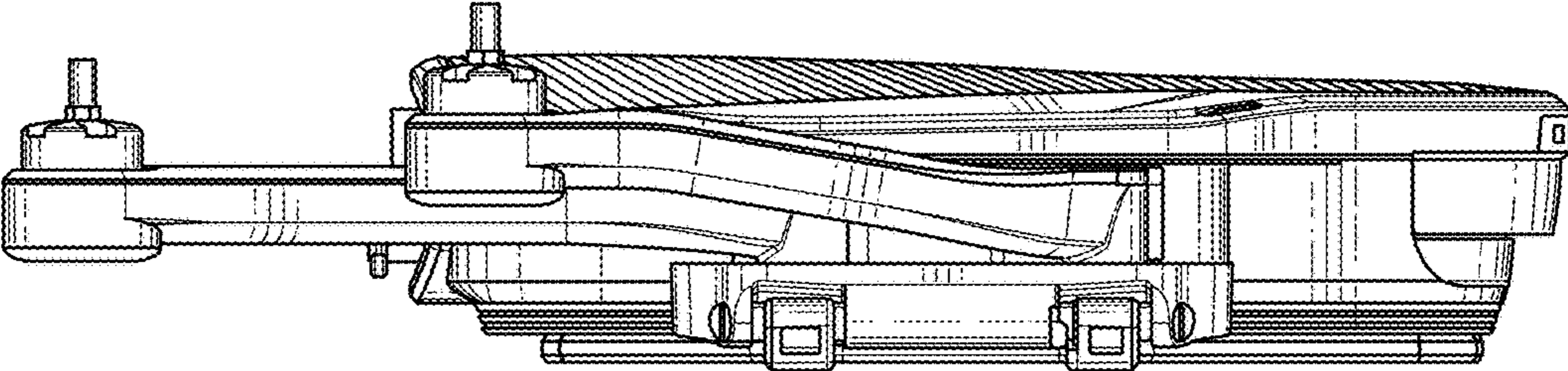


FIG. 7

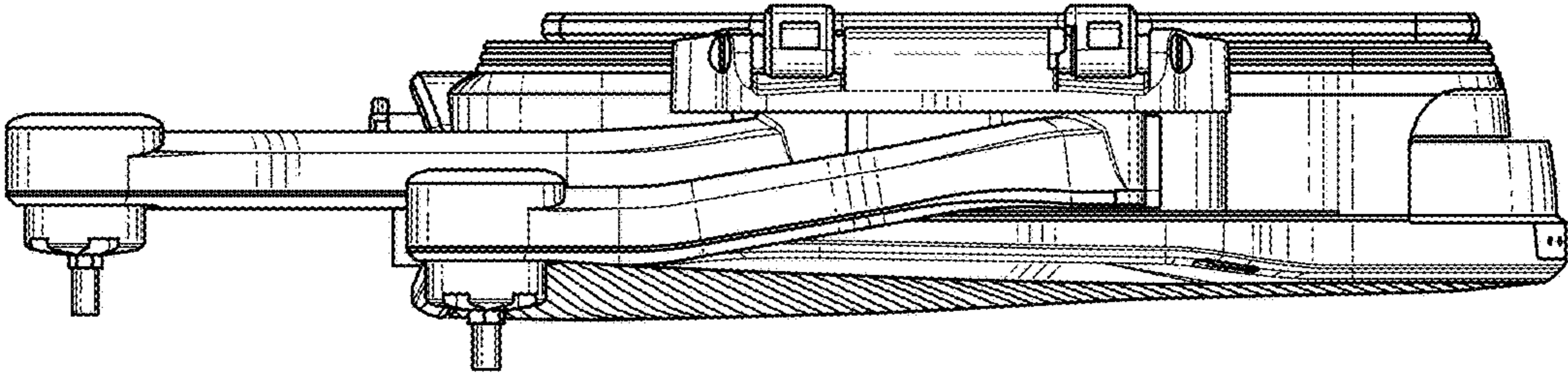


FIG. 8

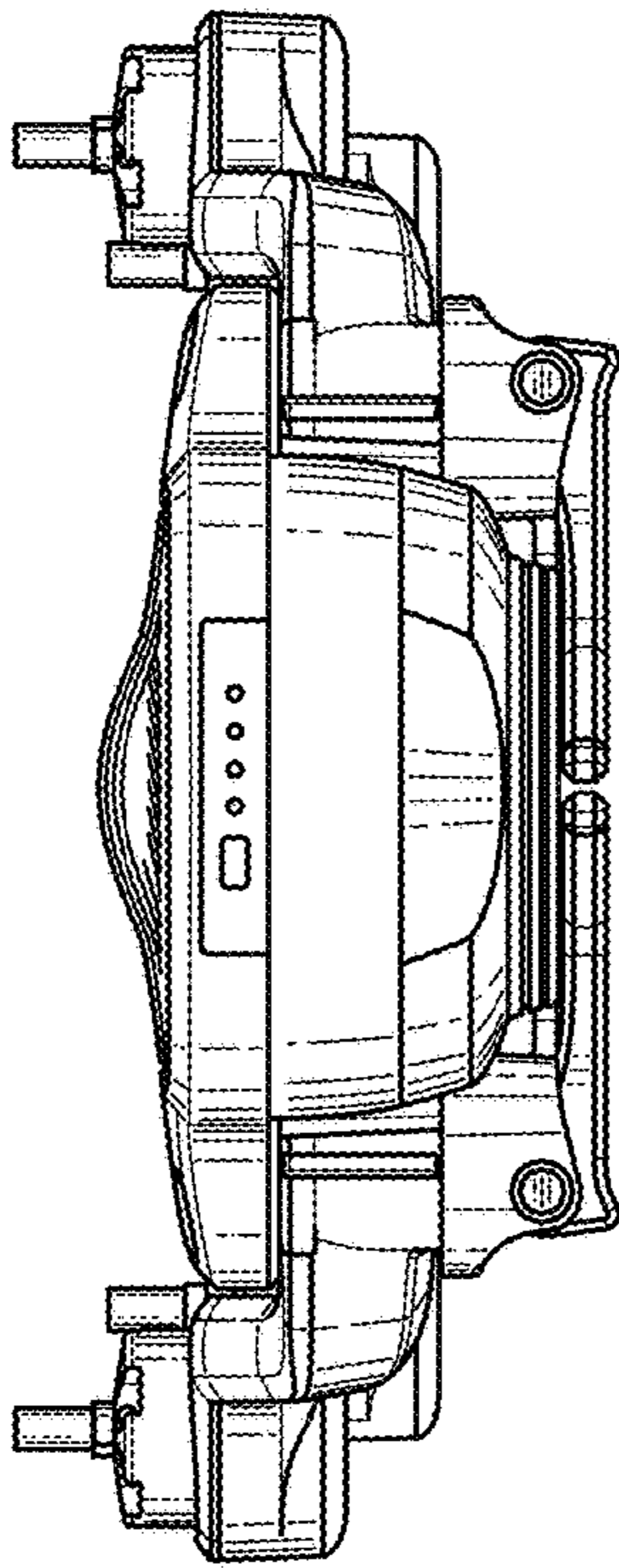


FIG. 9

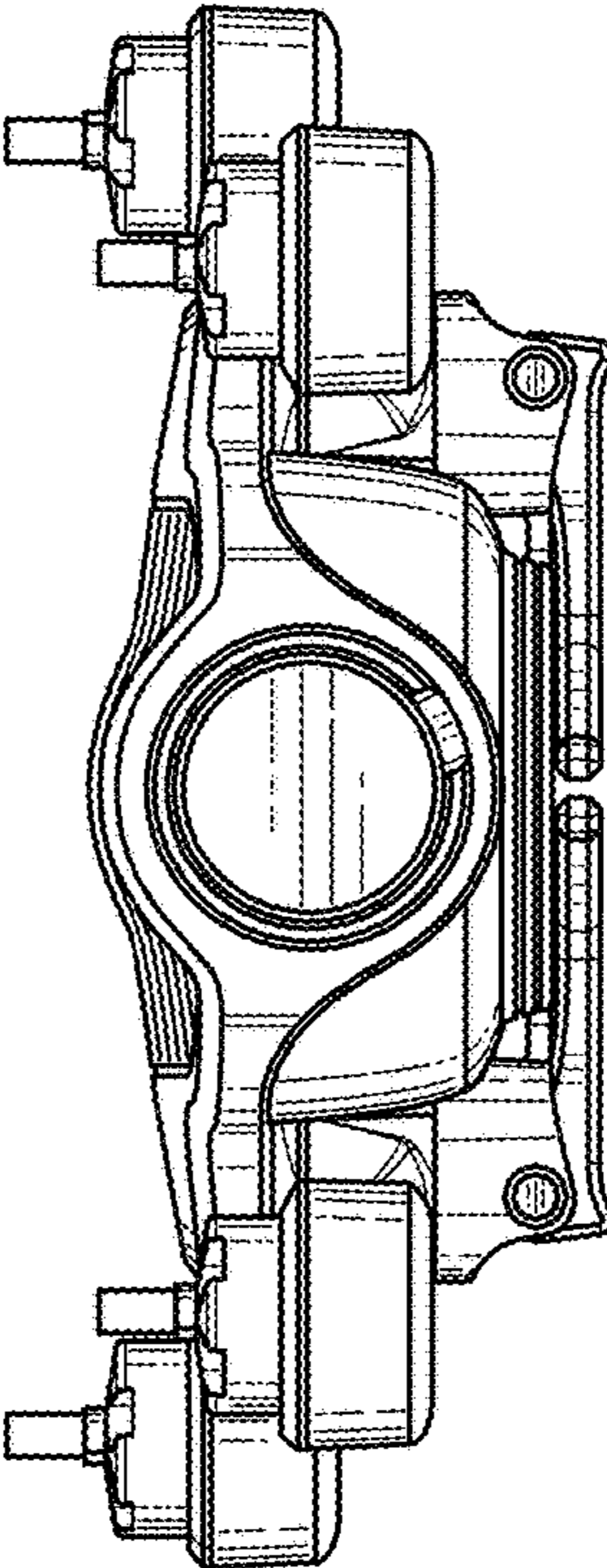


FIG. 10

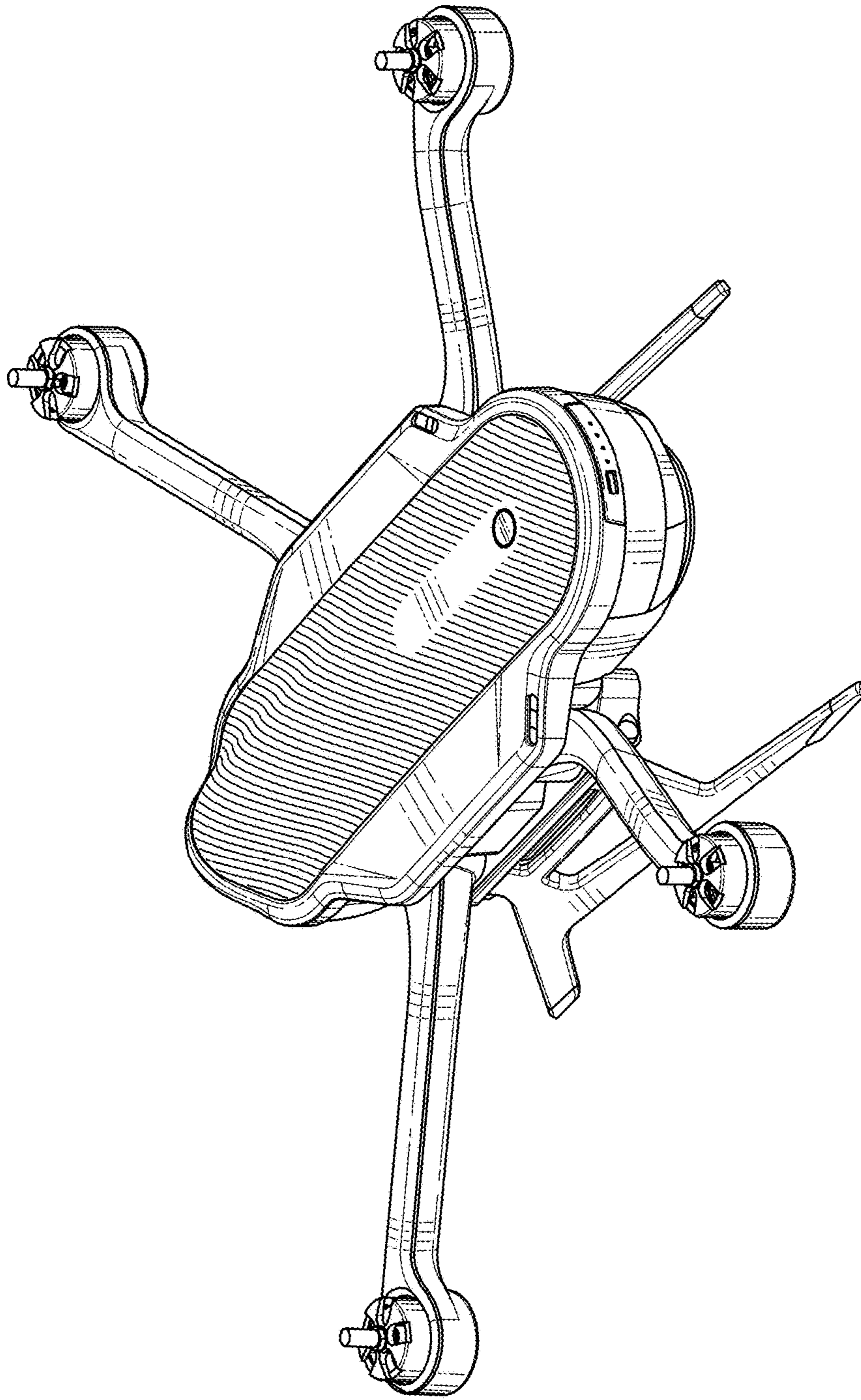


FIG. 11

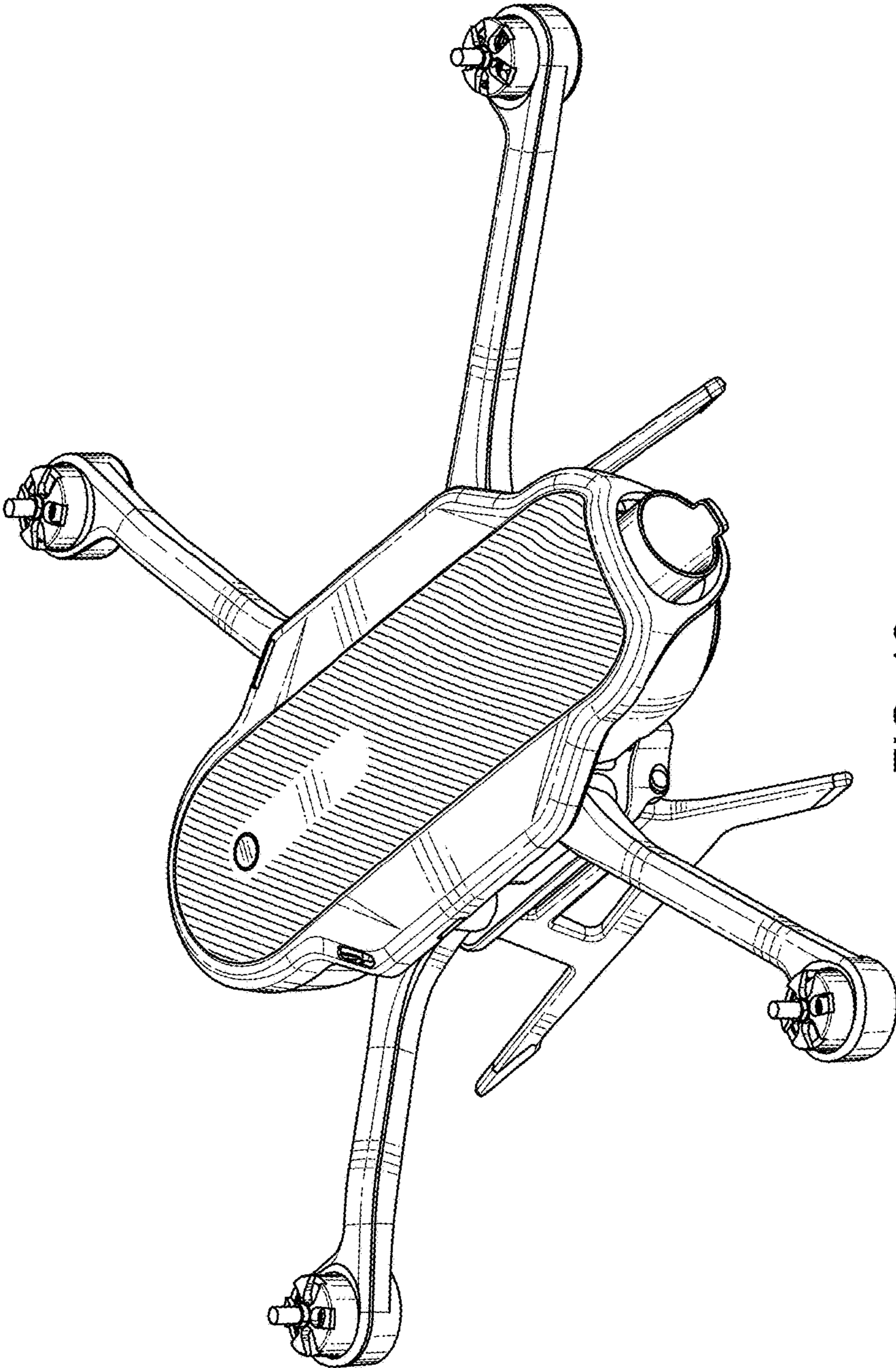


FIG. 12

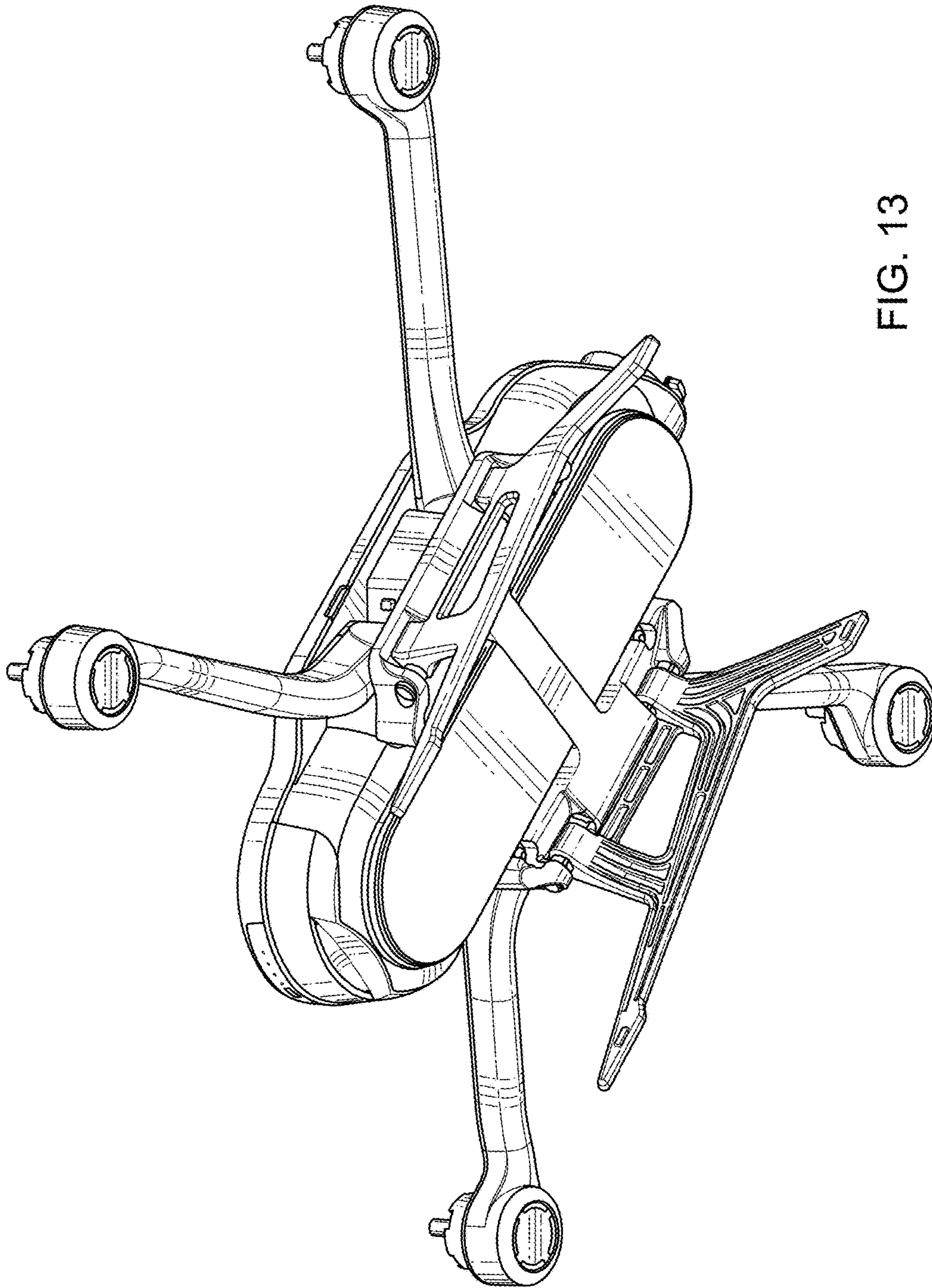


FIG. 13

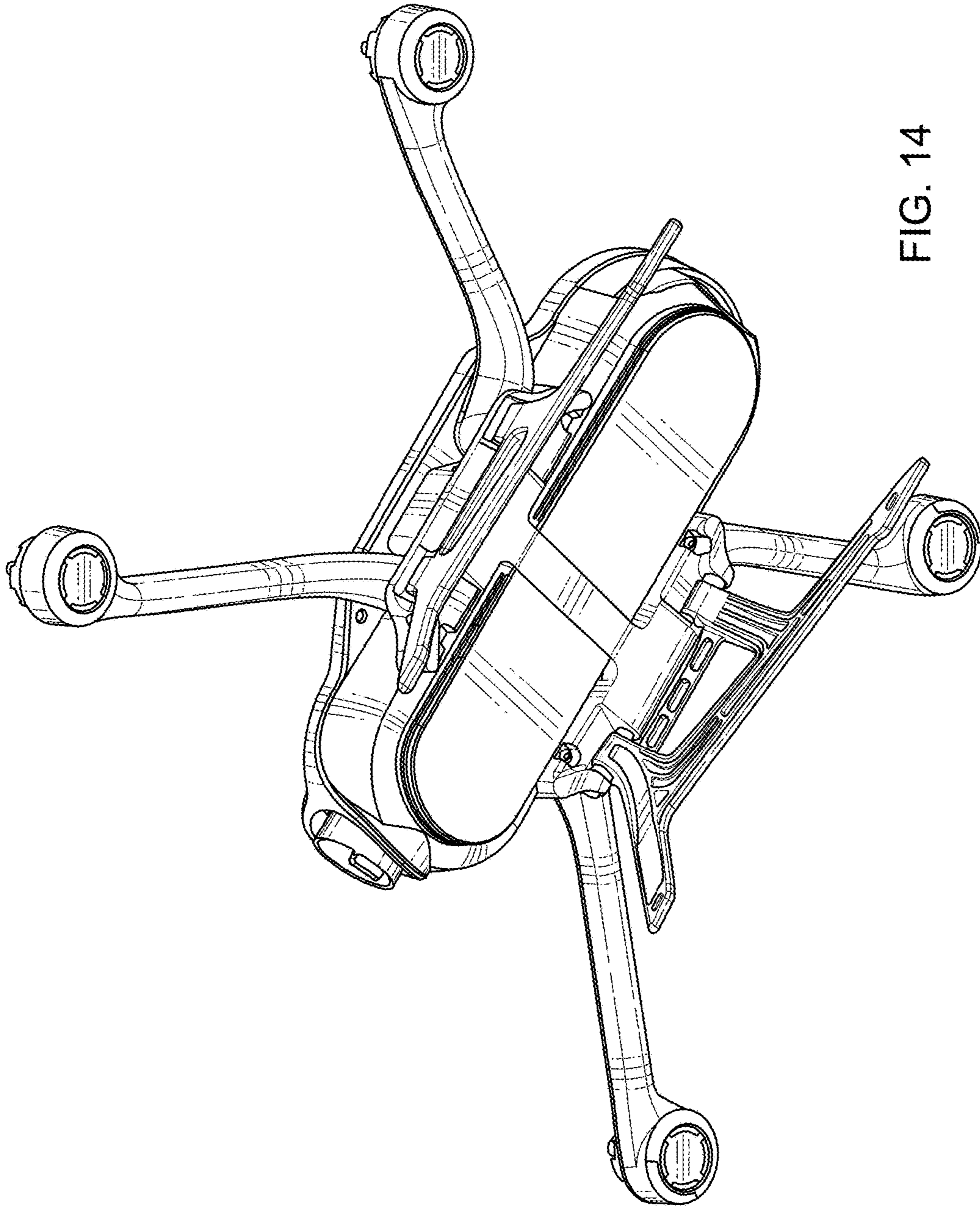


FIG. 14



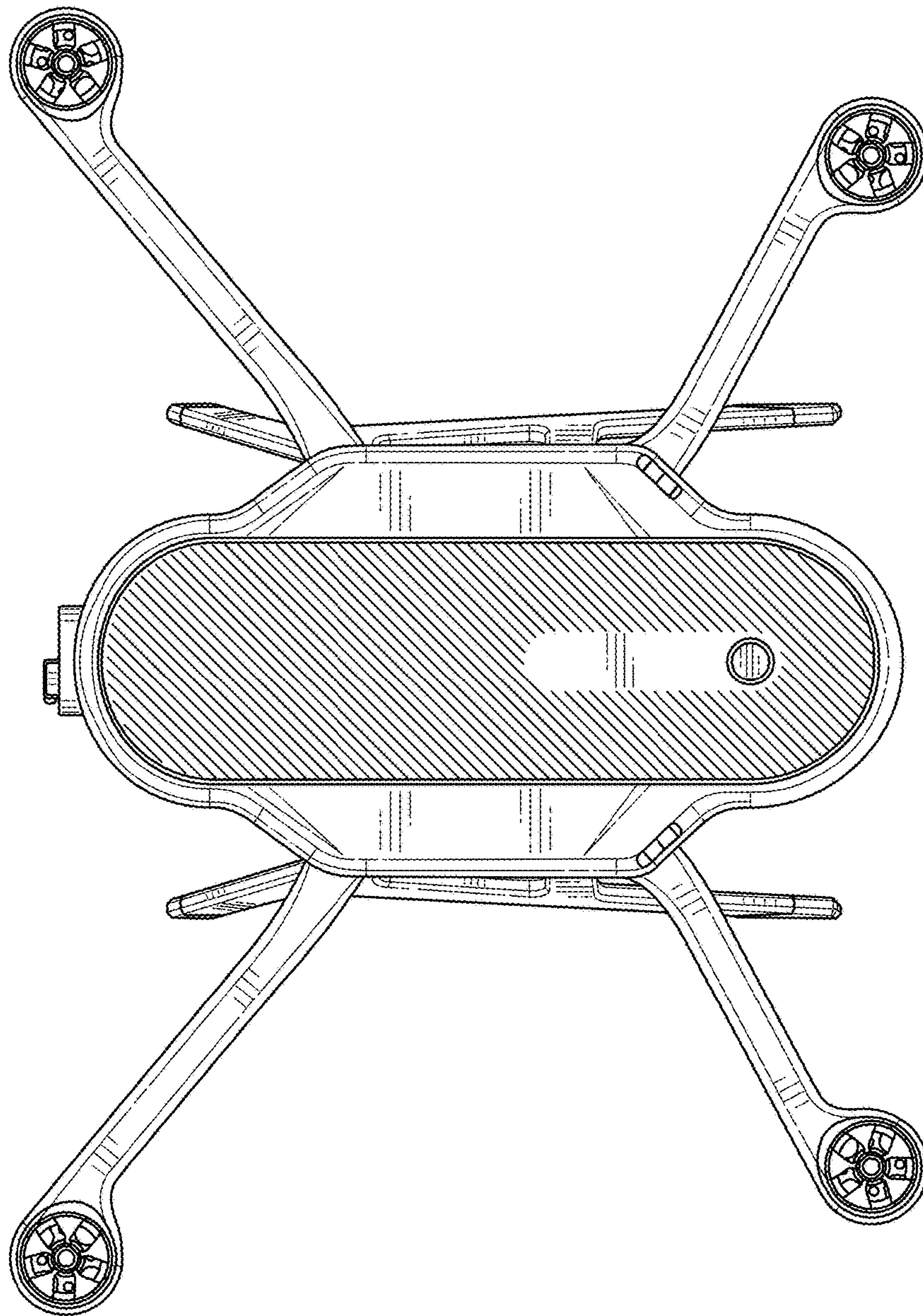


FIG. 15

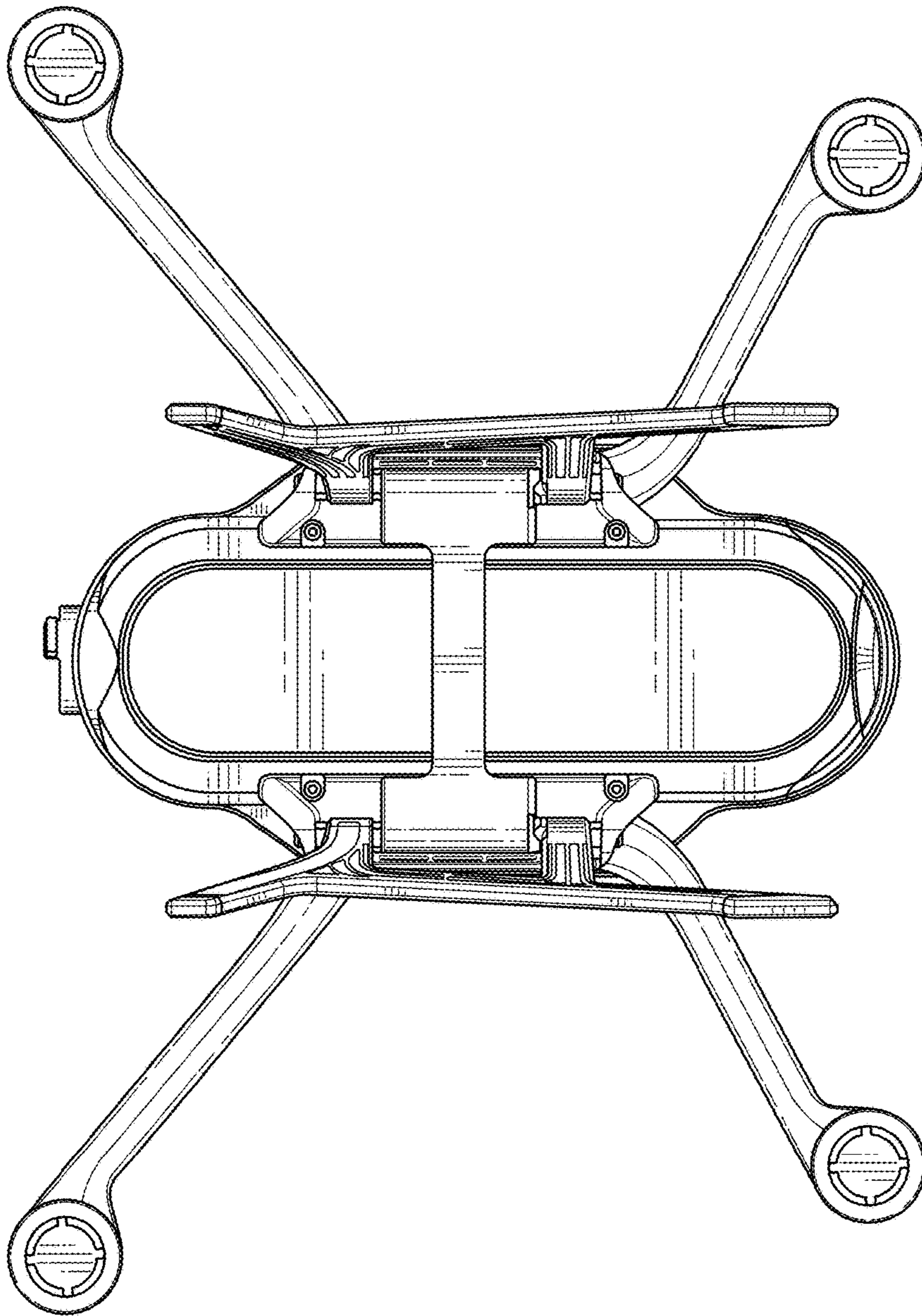


FIG. 16

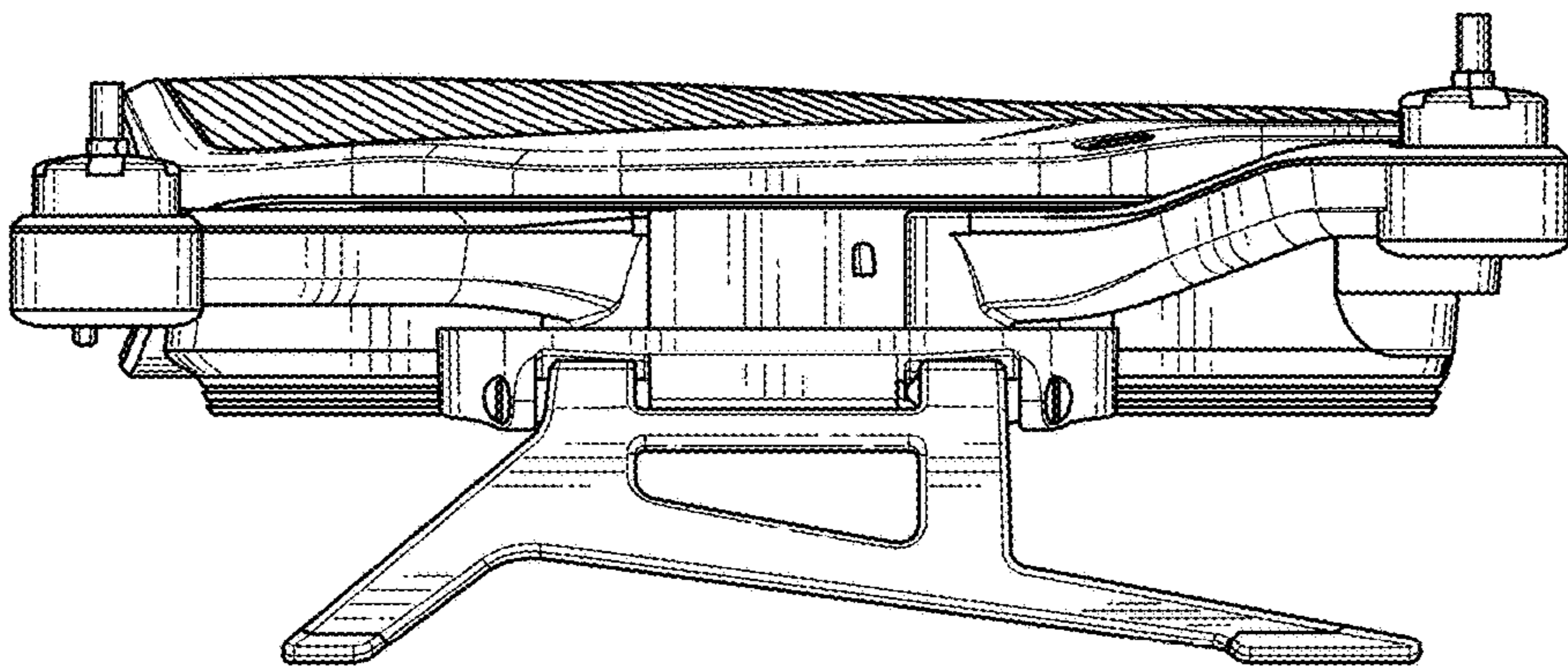


FIG. 17

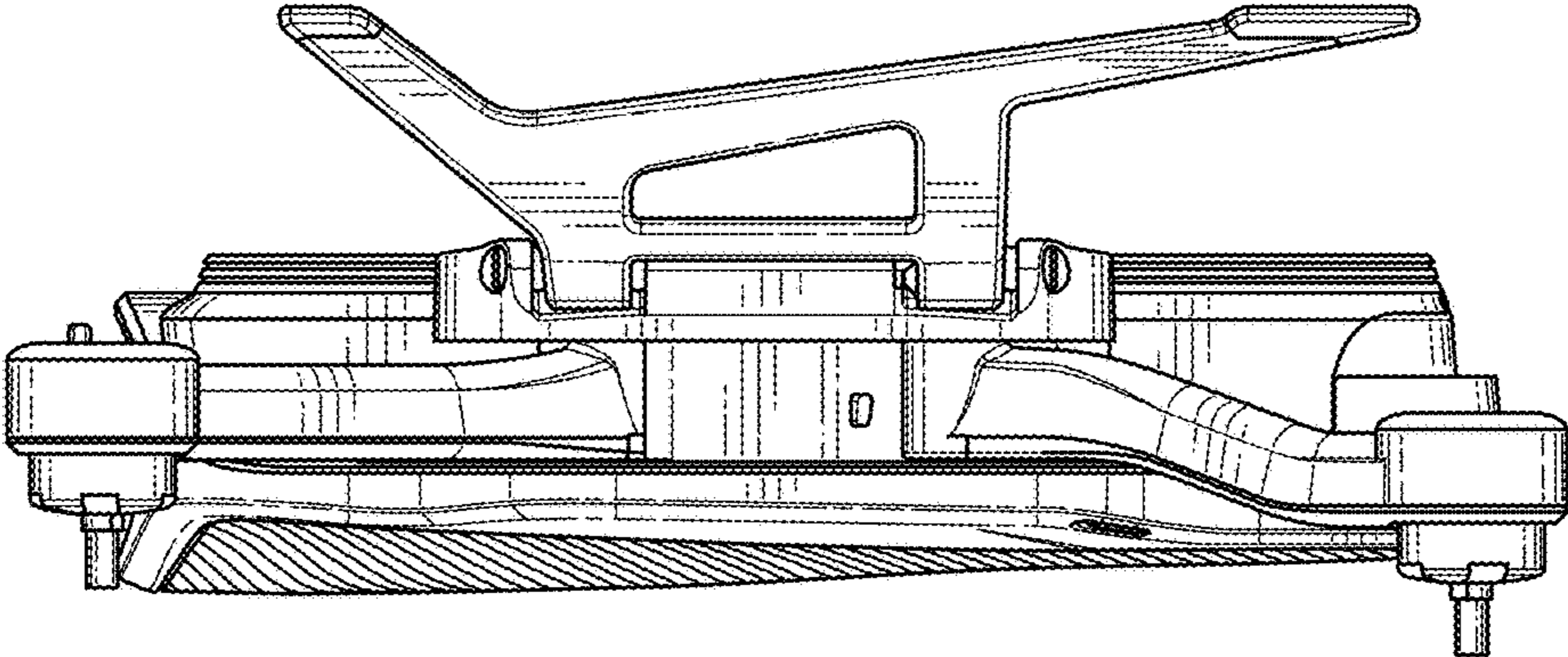


FIG. 18

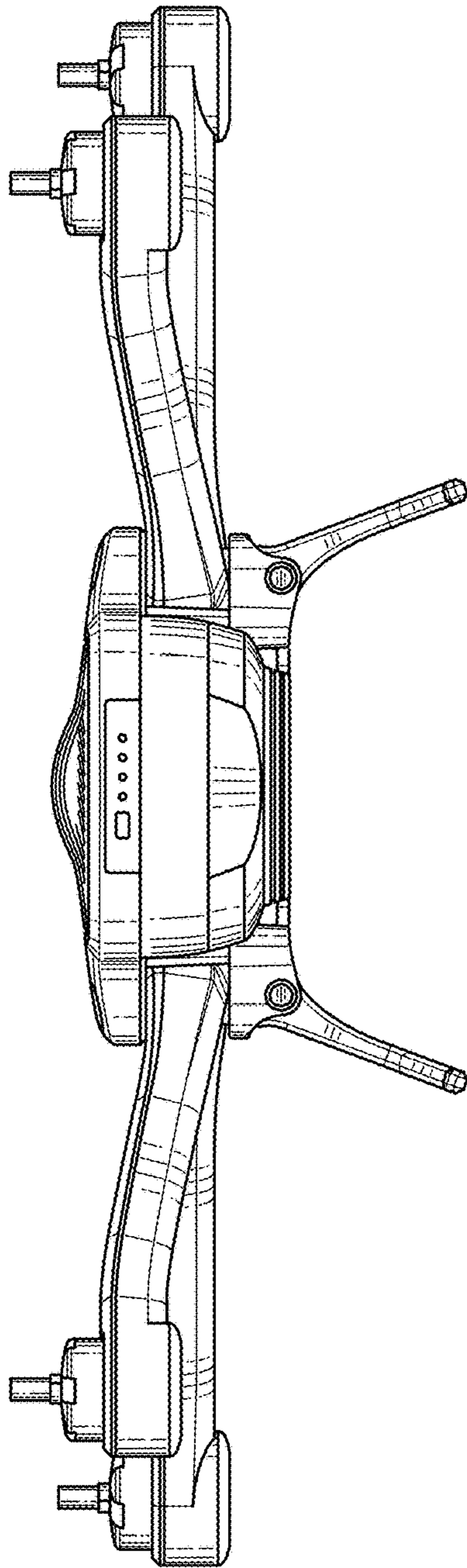


FIG. 19

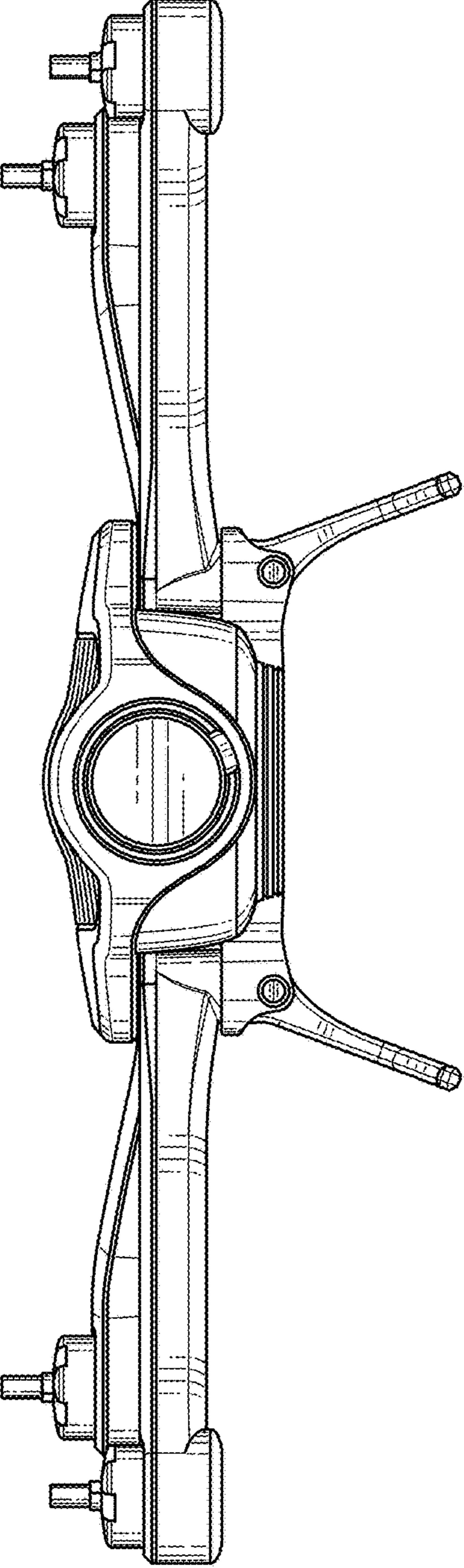


FIG. 20