US00D808861S

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

(10) **Patent No.: US D808,861 S**
(45) **Date of Patent: ** Jan. 30, 2018**

(54) **AMPHIBIOUS UNMANNED VERTICAL TAKEOFF AND LANDING FLYING MOTORCYCLE**

(71) Applicant: **Dylan T X Zhou**, Tiburon, CA (US)

(72) Inventor: **Dylan T X Zhou**, Tiburon, CA (US)

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

(21) Appl. No.: **29/575,197**

(22) Filed: **Aug. 23, 2016**

Related U.S. Application Data

(63) Continuation-in-part of application No. 29/572,722, filed on Jul. 29, 2016, and a continuation-in-part of
(Continued)

(51) **LOC (11) Cl.** **12-07**

(52) **U.S. Cl.**
USPC **D12/16.1**; D12/324; D12/326

(58) **Field of Classification Search**
USPC D12/16.1, 319, 323–345, 82, 88, 90, 91, D12/3, 4, 2, 107, 108, 110; D21/436,
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D88,107 S * 10/1932 Fike 296/181.5
D95,247 S * 4/1935 Grummer D12/91
(Continued)

Primary Examiner — Robert M. Spear
Assistant Examiner — Marissa J Cash
(74) *Attorney, Agent, or Firm* — Steven A. Nielsen; www.NielsenPatents.com

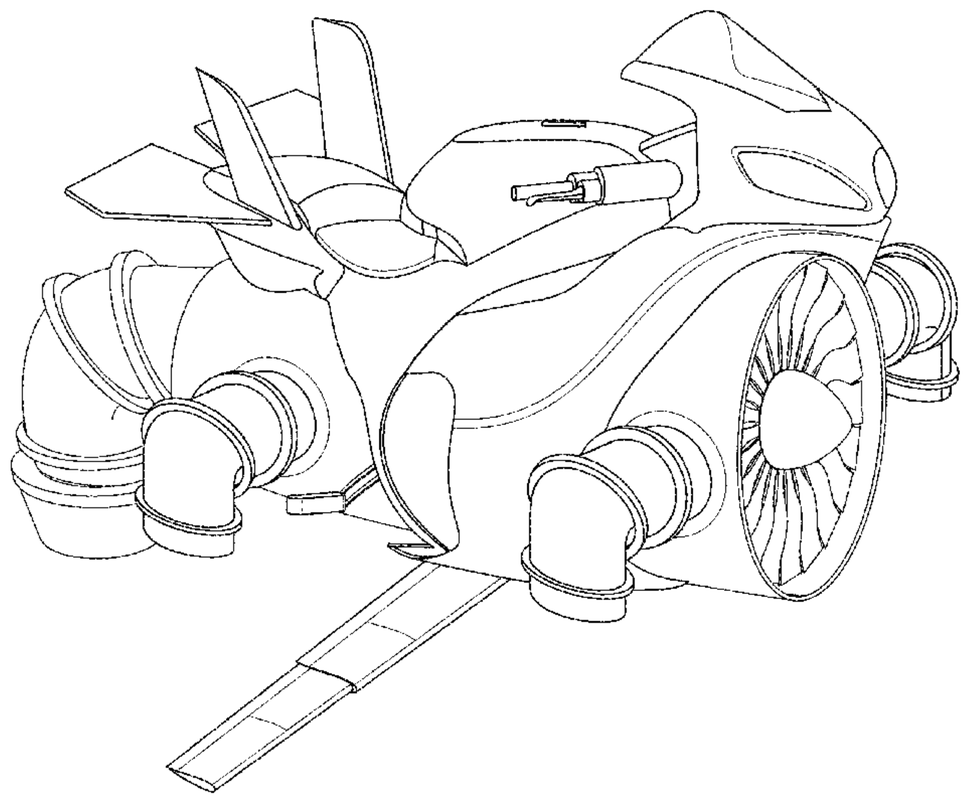
(57) **CLAIM**

I claim the ornamental design for an amphibious unmanned vertical takeoff and landing flying motorcycle, as shown and described.

DESCRIPTION

FIG. **1** is a top perspective view of an amphibious unmanned vertical takeoff and landing flying motorcycle;
FIG. **2** is a top perspective view thereof, shown in an alternate configuration of use, with wings partially extended;
FIG. **3** is a top perspective view thereof, with wings extended;
FIG. **4** is a top perspective view thereof, shown in an alternate configuration of use with dual engines;
FIG. **5** is a right side view thereof;
FIG. **6** is a left side view thereof;
FIG. **7** is a front view thereof;
FIG. **8** is a back view thereof;
FIG. **9** is a top view thereof;
FIG. **10** is a bottom view thereof;
FIG. **11** is a top perspective view of an amphibious unmanned vertical takeoff and landing flying motorcycle in FIG. **4**, shown in an alternate configuration of use, with wheels and wings retracted;
FIG. **12** is a top perspective view of the amphibious unmanned vertical takeoff and landing flying motorcycle in FIG. **3**, of an amphibious unmanned vertical takeoff and landing flying motorcycle in FIG. **1**, shown in an alternate configuration of use with parachutes deployed;
FIG. **13** is a top perspective view thereof, shown in an alternate configuration of use, with rotor blades and wings folded;
FIG. **14** is top perspective view of an amphibious unmanned vertical takeoff and landing flying motorcycle in FIG. **1**, shown with rear tailpiece retracted in an alternate configuration of use;
FIG. **15** is a right side view thereof;
FIG. **16** is a left side view thereof;
FIG. **17** is a front perspective view thereof;
FIG. **18** is a back perspective view thereof;
FIG. **19** is a top perspective view thereof; and,
FIG. **20** is a bottom perspective view thereof.
The broken lines arrow of FIG. **2** illustrate environmental factors only and form no part of the claimed design.

1 Claim, 20 Drawing Sheets



Related U.S. Application Data

application No. 29/567,712, filed on Jun. 10, 2016, which is a continuation-in-part of application No. 14/957,644, filed on Dec. 3, 2015, now Pat. No. 9,489,671, which is a continuation-in-part of application No. 14/815,988, filed on Aug. 1, 2015, now Pat. No. 9,342,829, and a continuation-in-part of application No. 13/760,214, filed on Feb. 6, 2013, now Pat. No. 9,016,565, said application No. 29/572,722 is a continuation-in-part of application No. 14/940,379, filed on Nov. 13, 2015, now Pat. No. 9,493,235, which is a continuation-in-part of application No. 14/034,509, filed on Sep. 23, 2013, now Pat. No. 9,510,277, which is a continuation-in-part of application No. 10/677,098, filed on Sep. 30, 2003, now Pat. No. 7,702,739.

(58) **Field of Classification Search**

USPC D21/438, 439, 440, 441, 447, 448, 449, D21/450, 452, 453, 454, 455, 424, 533, D21/833; D15/1, 3

CPC B64C 1/062; B64C 39/024; B64C 27/08

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D99,156	S *	3/1936	Covey	D12/91	
D100,186	S *	6/1936	Fitzmaurice	D12/91	
2,156,288	A *	5/1939	Holliday	B64C 37/00	180/7.4
D136,540	S *	10/1943	Taylor	123/54.2	
D139,636	S *	12/1944	Walker	296/181.5	
D163,528	S *	6/1951	Lynn	D15/3	
2,562,491	A *	7/1951	Hall	B64C 37/00	244/2
2,562,492	A *	7/1951	Hall	B64C 37/00	200/43.08
2,619,184	A *	11/1952	Hall	B64C 37/00	180/54.1
2,998,703	A *	9/1961	Badders	F02K 7/18	60/234
D231,441	S *	4/1974	Tratner	D12/110	
D286,880	S *	11/1986	Smith, Jr.	D15/1	
D294,361	S *	2/1988	Williams	D15/9	
D327,073	S *	6/1992	MacPherson	D15/1	
5,915,649	A *	6/1999	Head	B64C 37/00	244/17.17
D424,981	S *	5/2000	Cook	D12/91	
6,086,014	A *	7/2000	Bragg, Jr.	B60F 5/02	244/2
D541,195	S *	4/2007	Bracy	D12/110	
D545,925	S *	7/2007	Milner	D21/533	
D547,238	S *	7/2007	Milner	D12/88	
D596,081	S *	7/2009	Longpre	D12/107	
D596,535	S *	7/2009	Katagiri	D12/110	
D610,950	S *	3/2010	Helfet	D12/91	
7,938,358	B2 *	5/2011	Dietrich	B64C 37/00	244/2
D643,341	S *	8/2011	Uchiyama	D12/110	
8,152,096	B2 *	4/2012	Smith	B64C 29/0033	244/12.4
D684,503	S *	6/2013	Cook	D12/92	
D686,537	S *	7/2013	Griner	D12/107	
8,720,814	B2 *	5/2014	Smith	B64C 29/0033	244/12.4
8,973,861	B2 *	3/2015	Zhou	A63H 27/12	244/17.23
D736,140	S *	8/2015	Moller	D12/326	
D736,677	S *	8/2015	Iimura	D12/110	
9,099,902	B2 *	8/2015	Chen	H02K 5/225	
9,139,299	B2 *	9/2015	Lundgren	B64C 37/00	
D797,002	S *	9/2017	Toyama	D12/110	
2003/0094536	A1 *	5/2003	LaBiche	B60F 5/02	244/2
2004/0245374	A1 *	12/2004	Morgan	B64C 29/0025	244/12.3
2008/0142643	A1 *	6/2008	Yoeli	B60V 1/06	244/23 R
2010/0294877	A1 *	11/2010	Jianu	B64C 29/0025	244/2
2013/0112804	A1 *	5/2013	Zhu	B64C 29/0025	244/2
2015/0028150	A1 *	1/2015	Klein	B64C 3/385	244/2
2015/0102155	A1 *	4/2015	Krastev	B60K 16/00	244/2
2015/0314867	A1 *	11/2015	Razroev	B64C 29/0033	244/119
2016/0001879	A1 *	1/2016	Johannesson	B64C 27/50	416/142
2016/0243910	A1 *	8/2016	Hu	B60F 5/02	
2016/0272314	A1 *	9/2016	Radu	B64C 37/00	
2017/0072755	A1 *	3/2017	Zhou	B60F 5/02	

* cited by examiner

FIG. 1

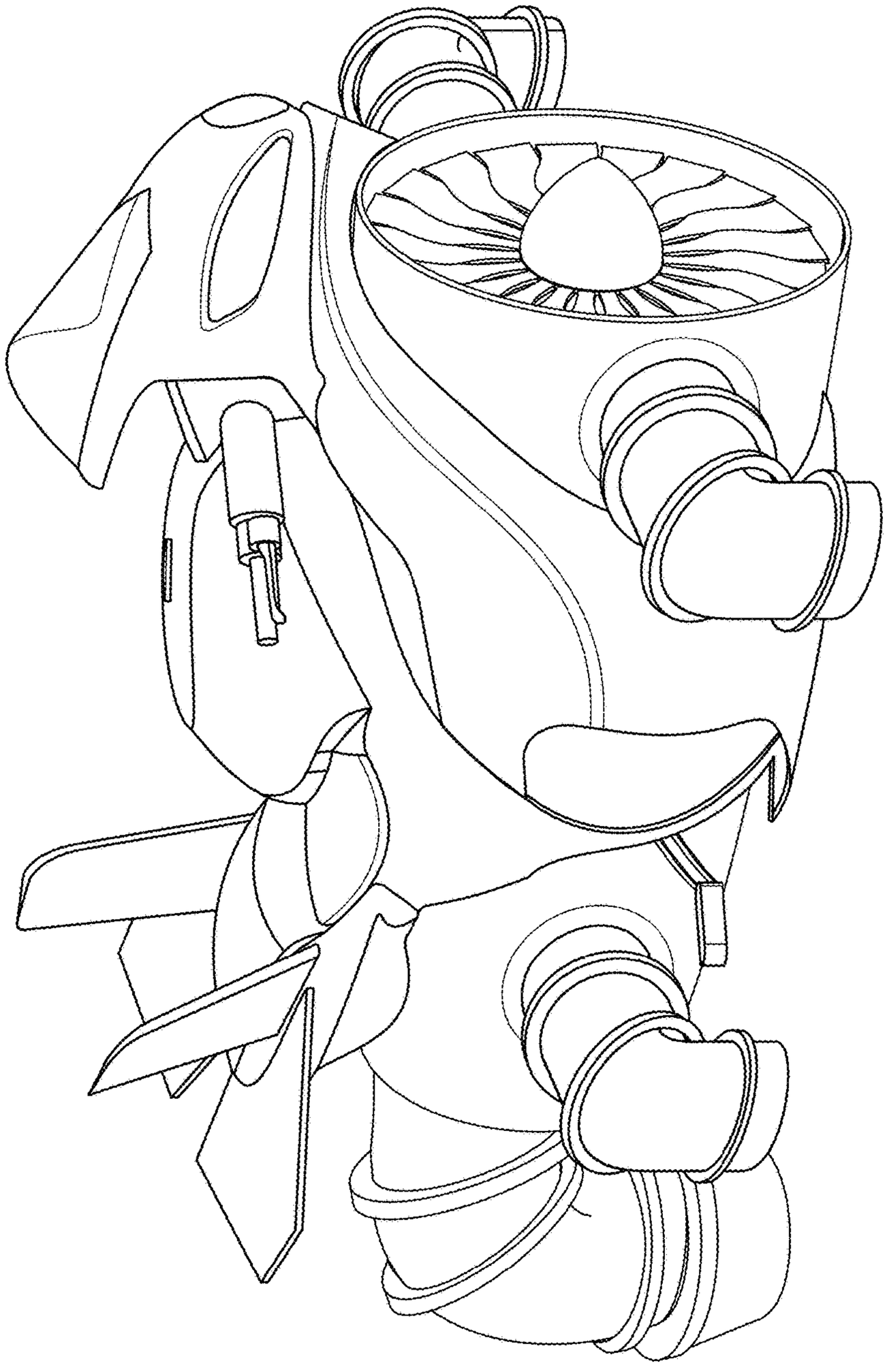


FIG. 2

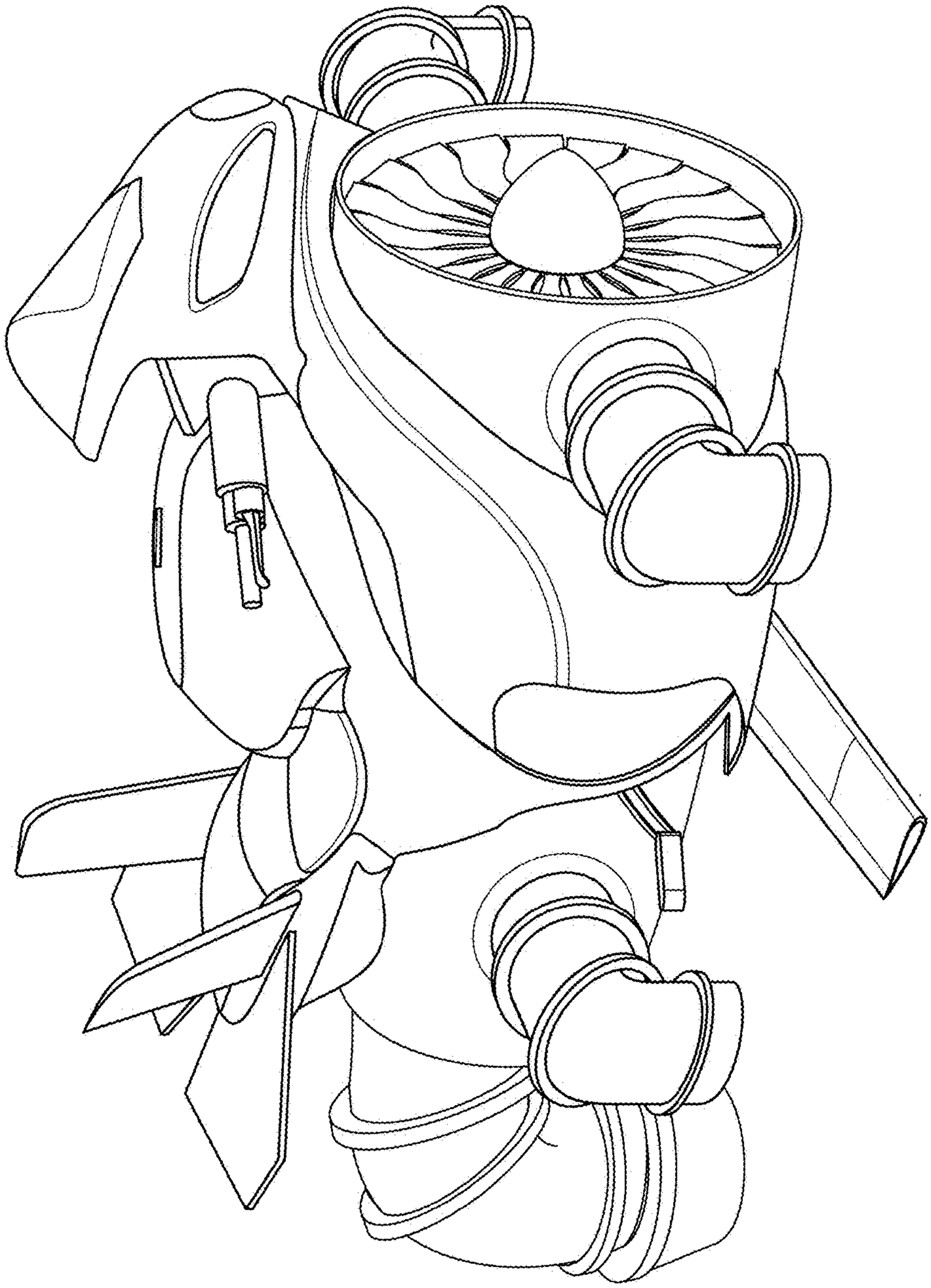


FIG. 3

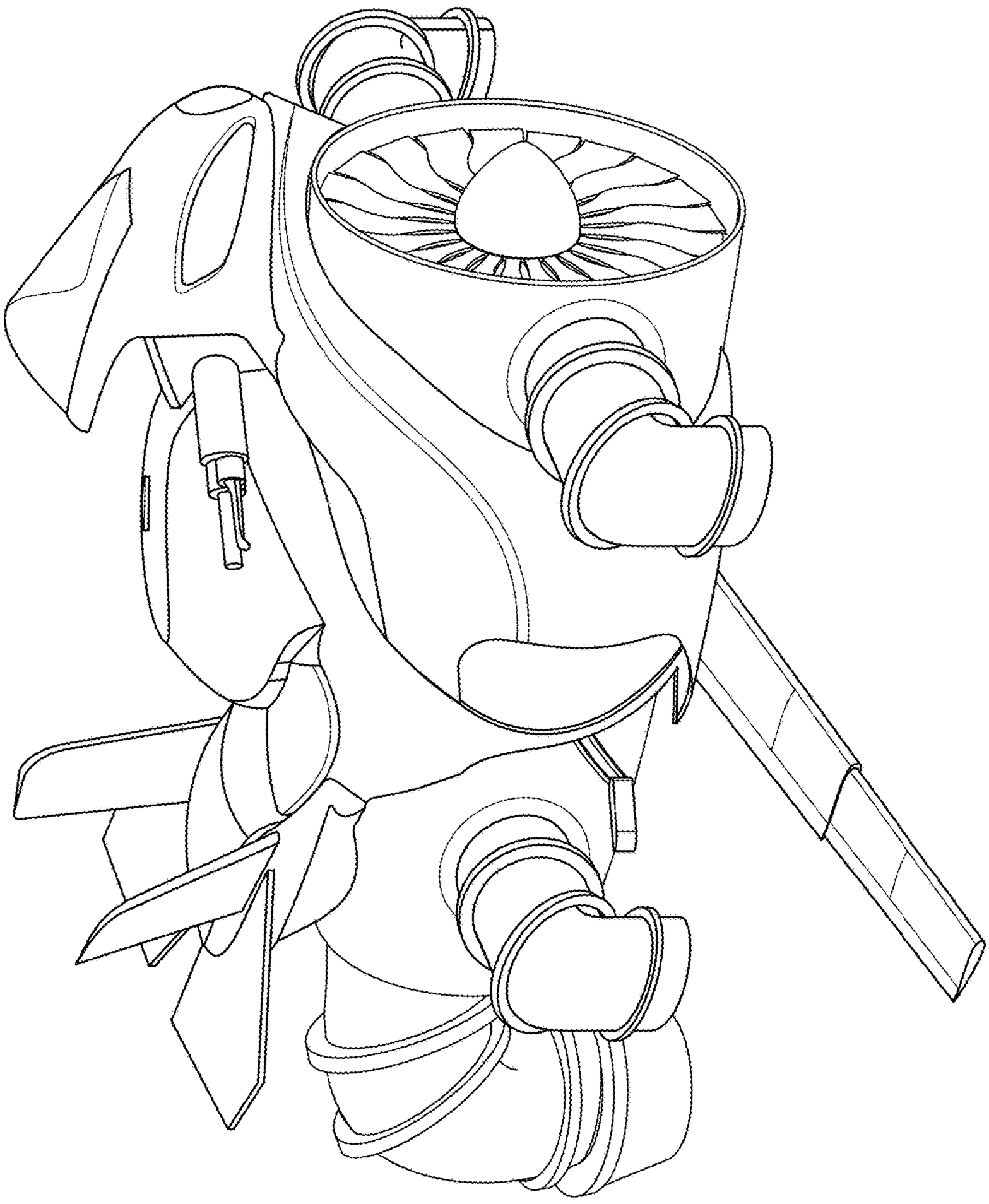
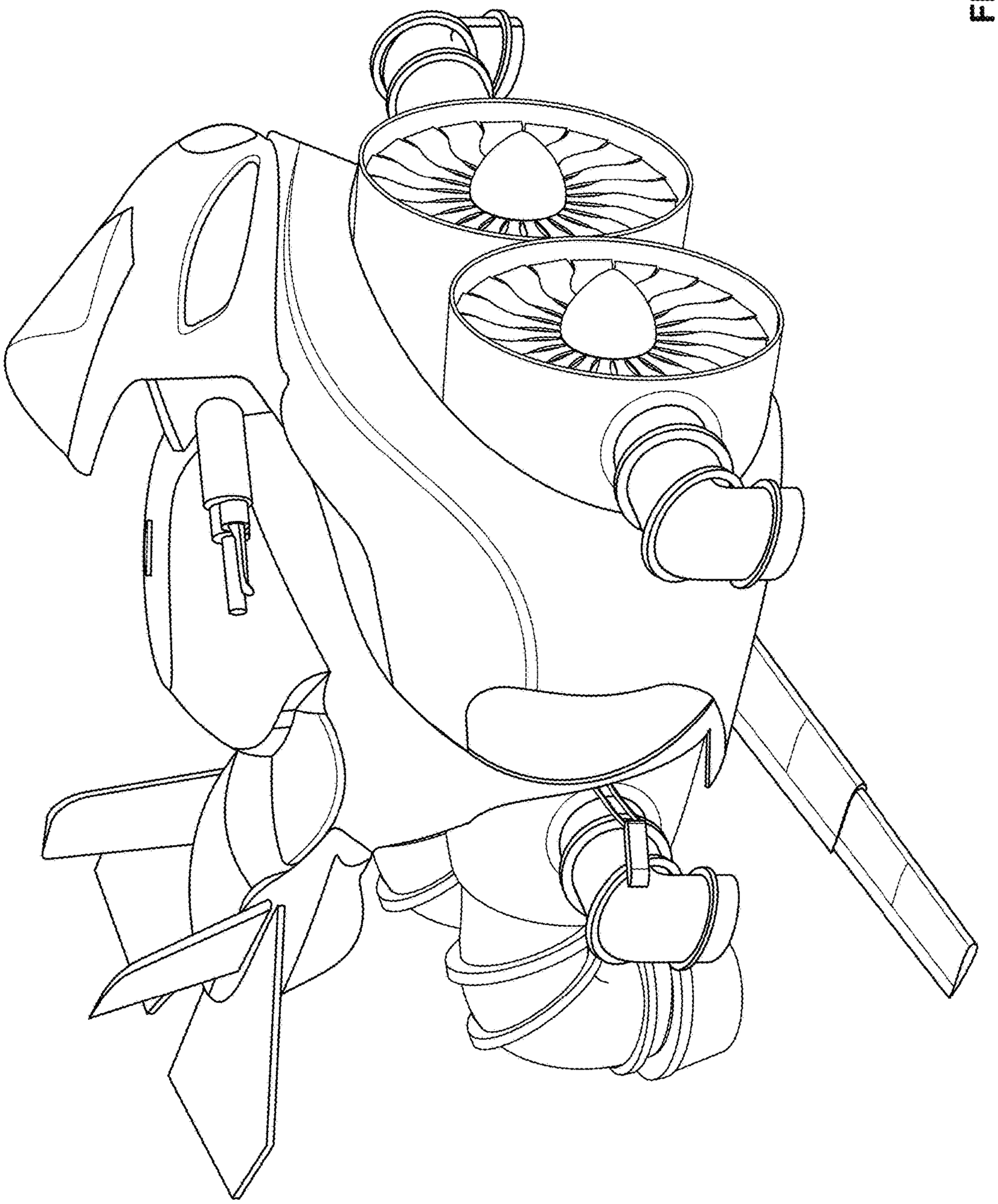


FIG. 4



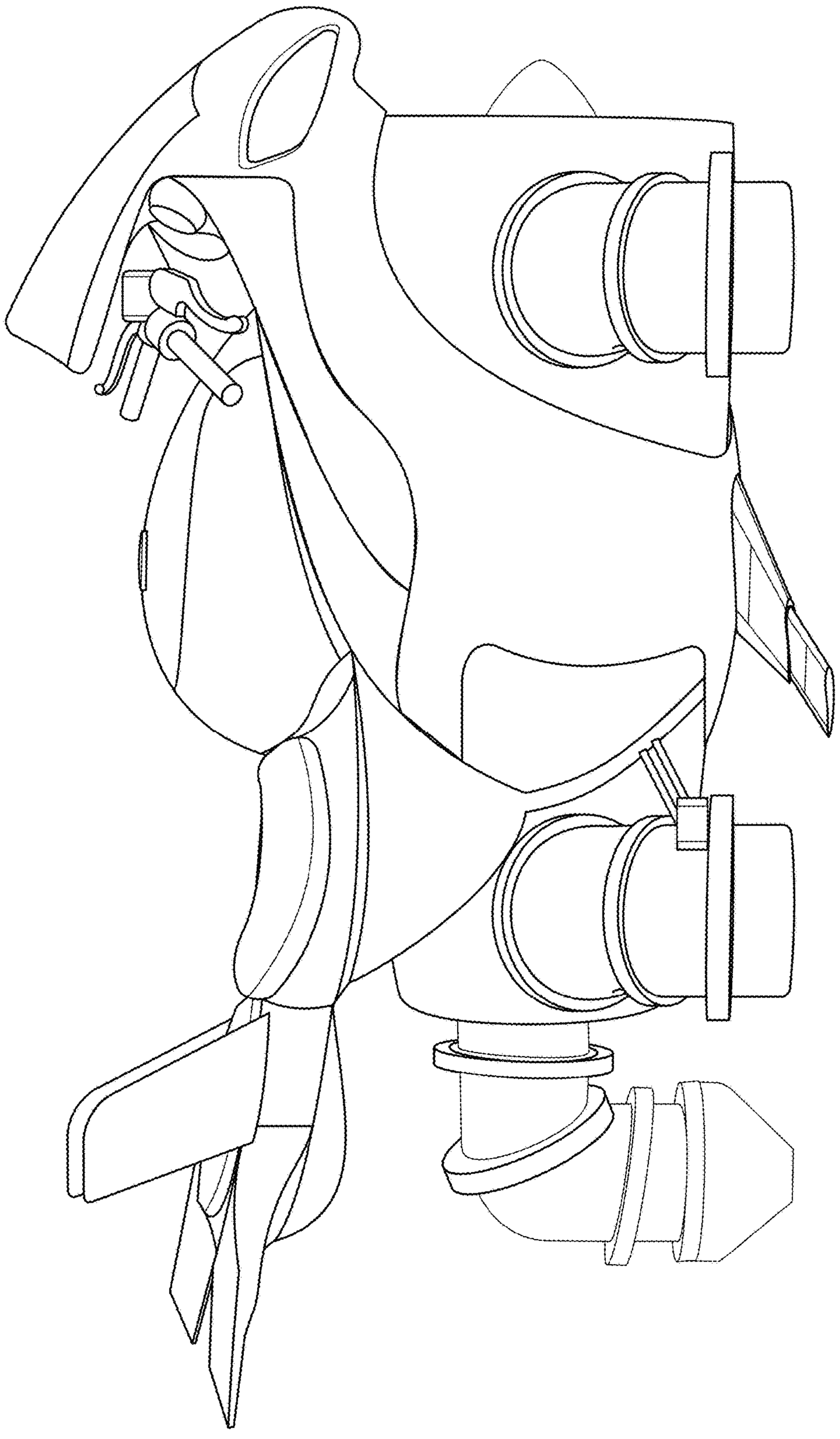


FIG. 5

FIG. 6

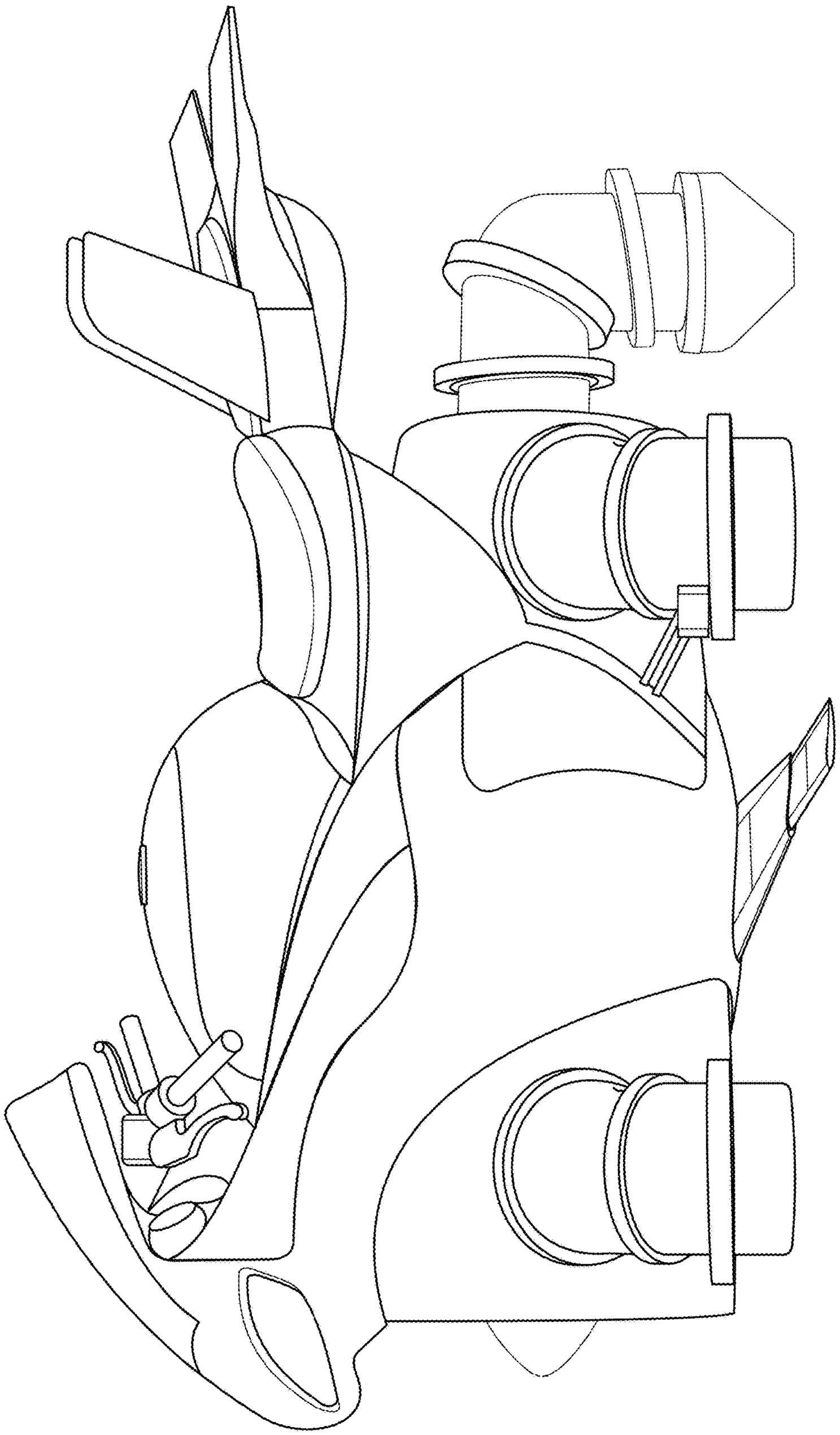


FIG. 7

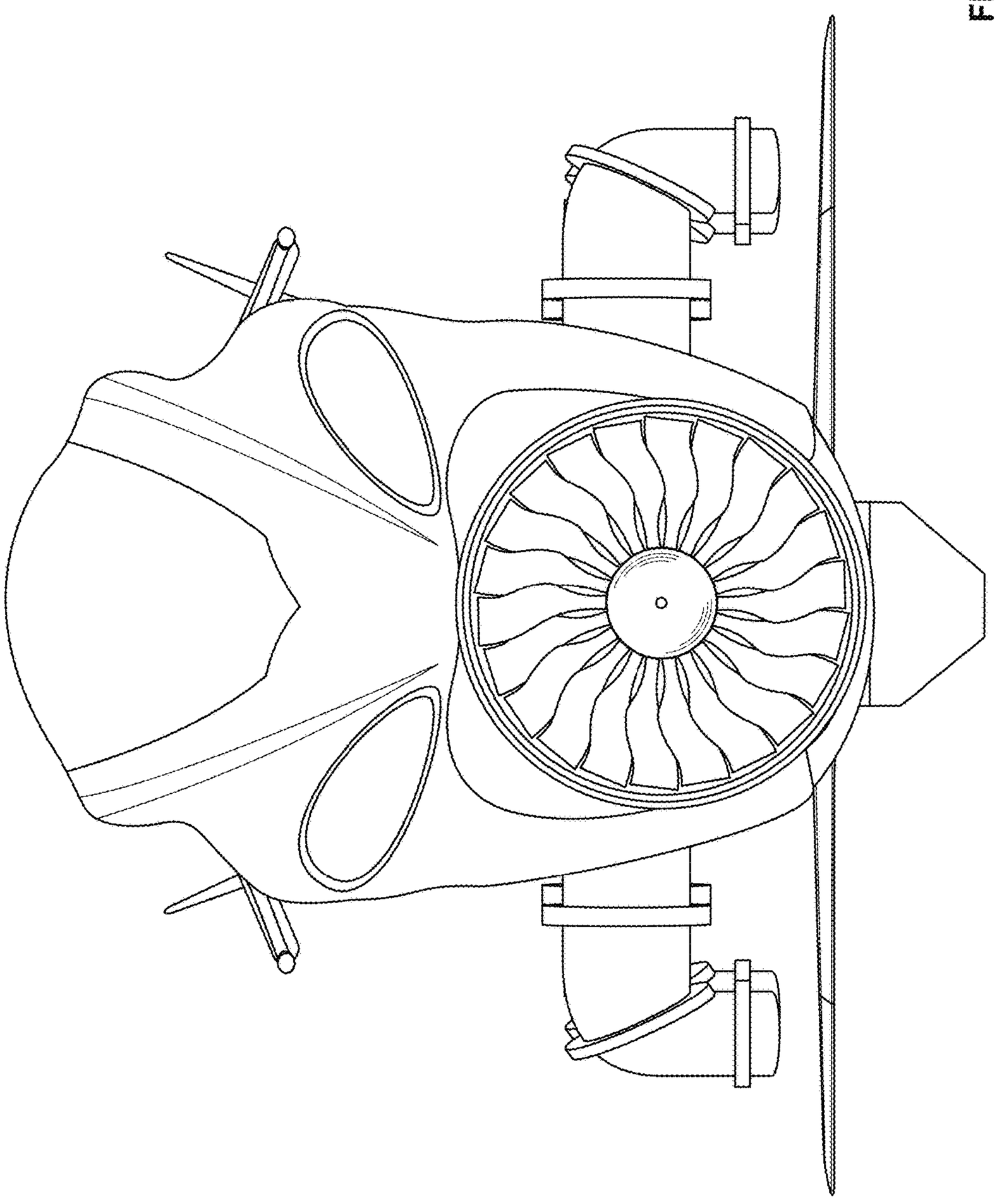
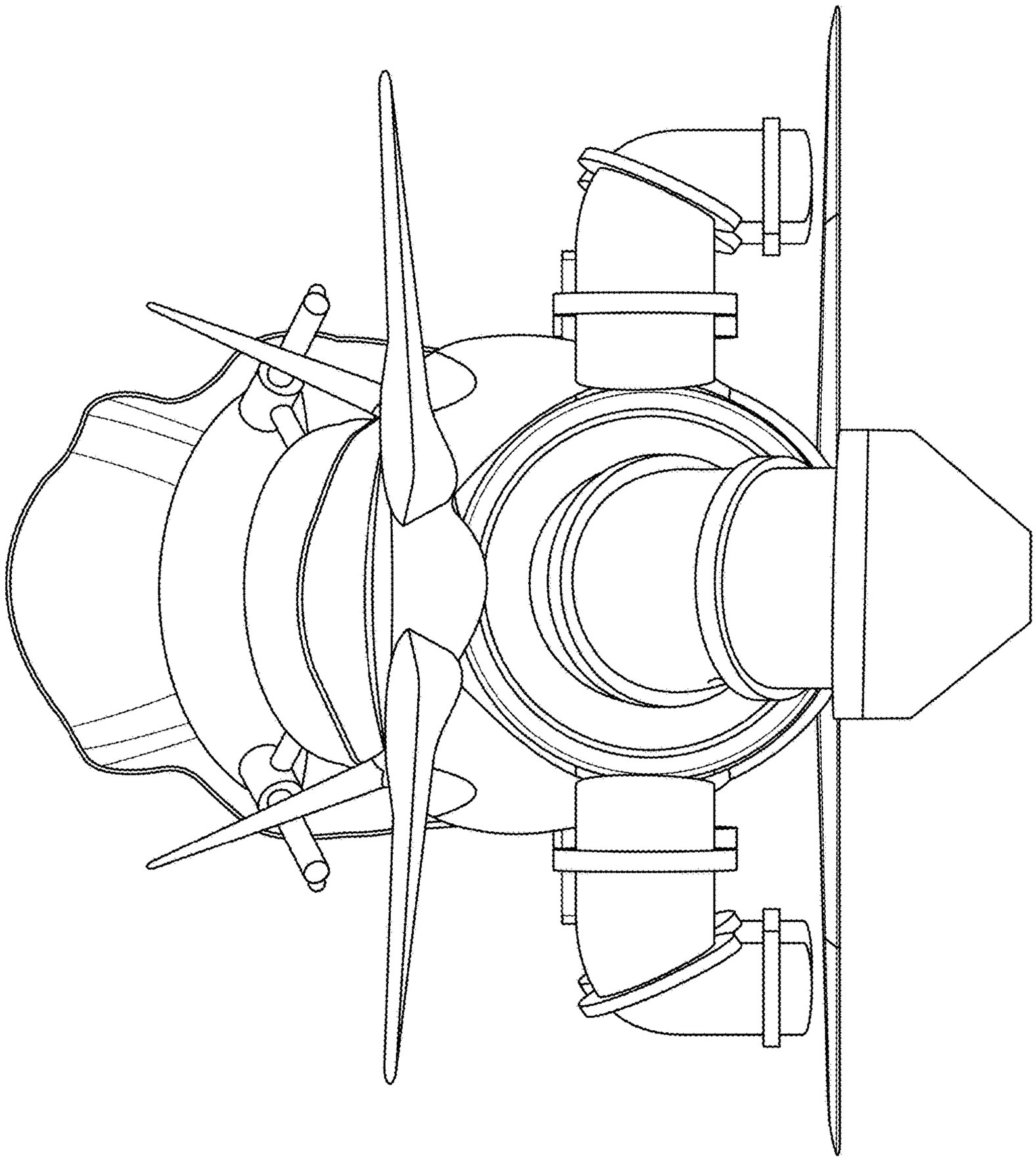


FIG. 8



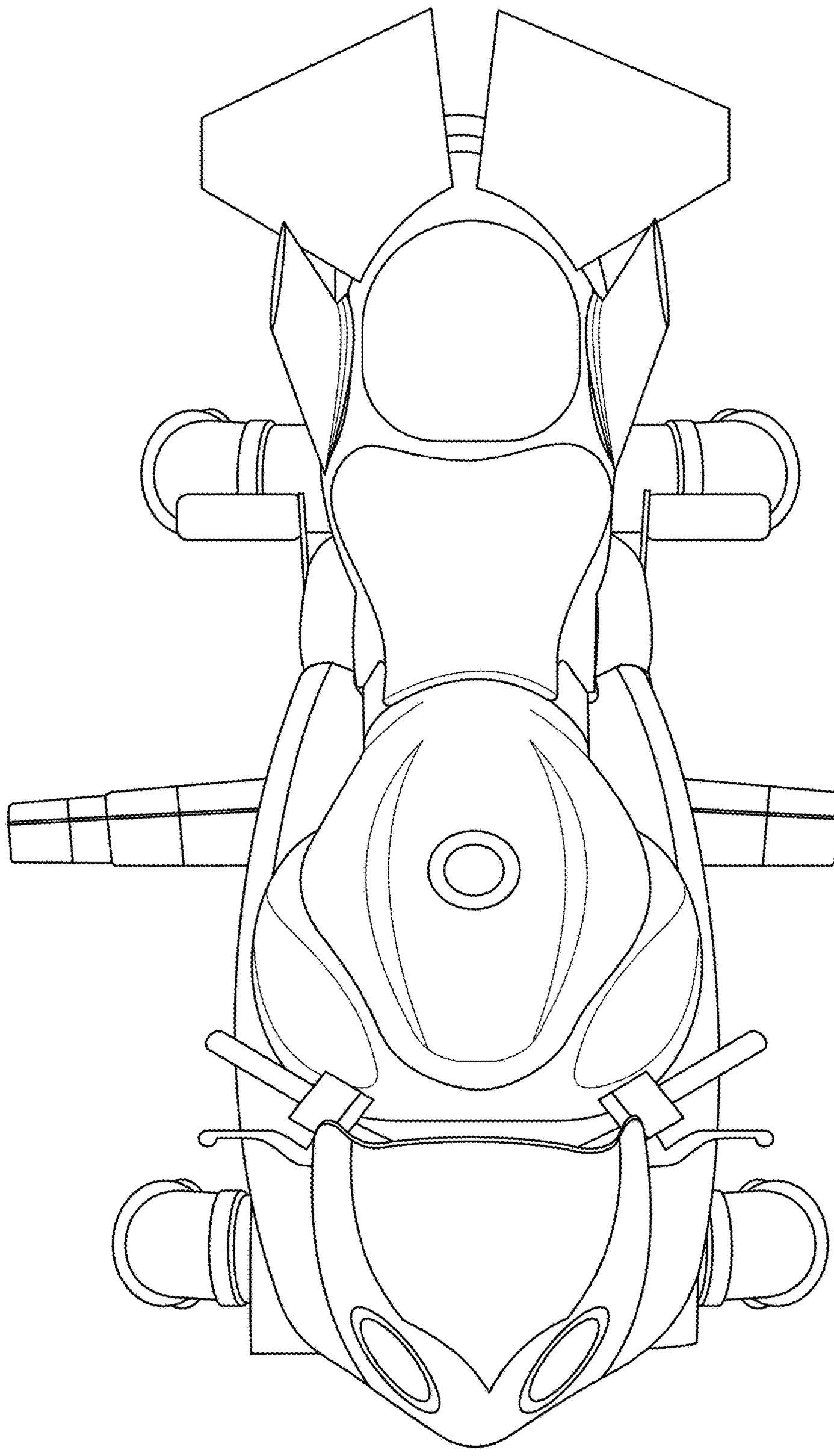


FIG. 9

FIG. 10

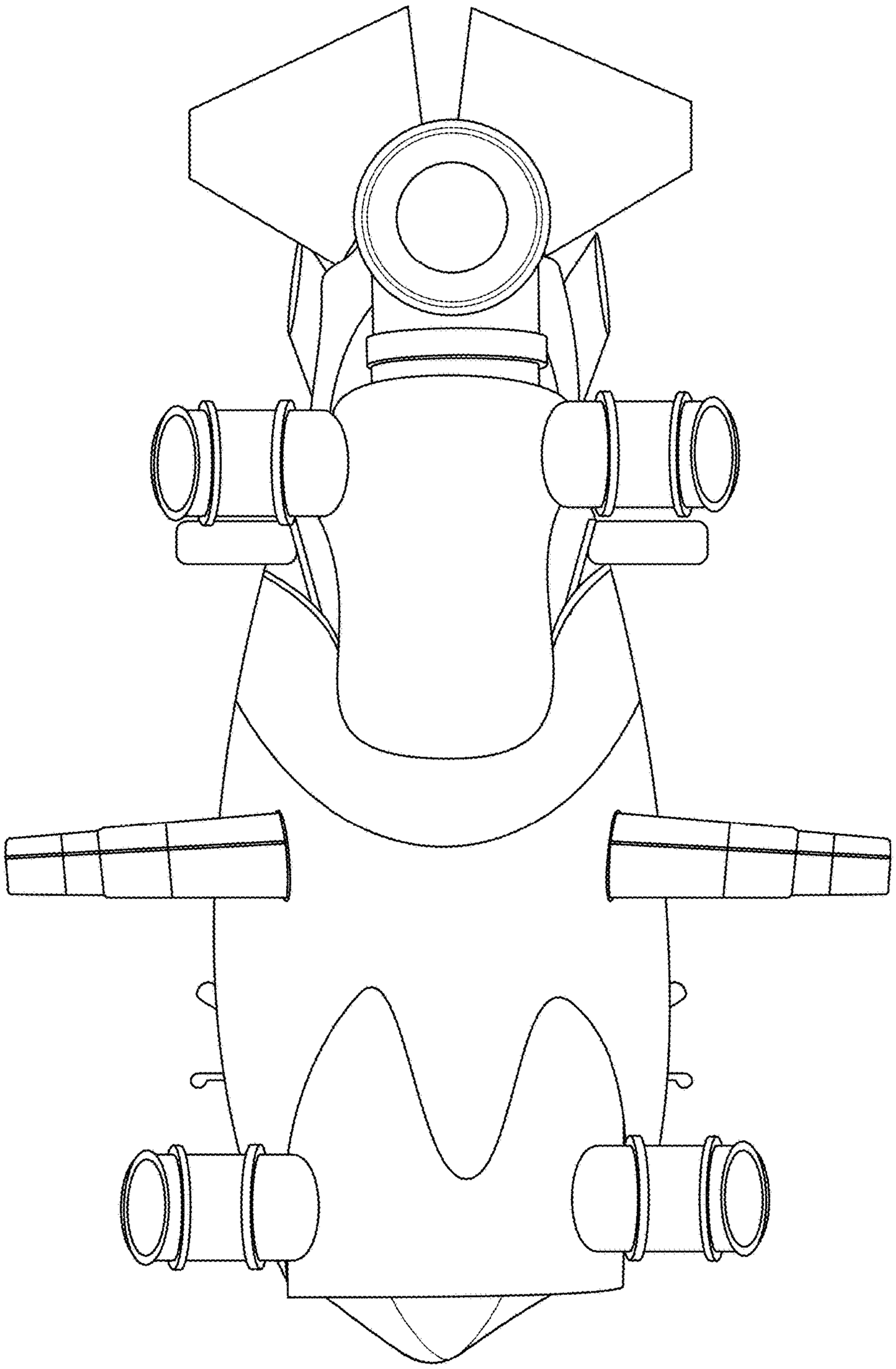


FIG. 11

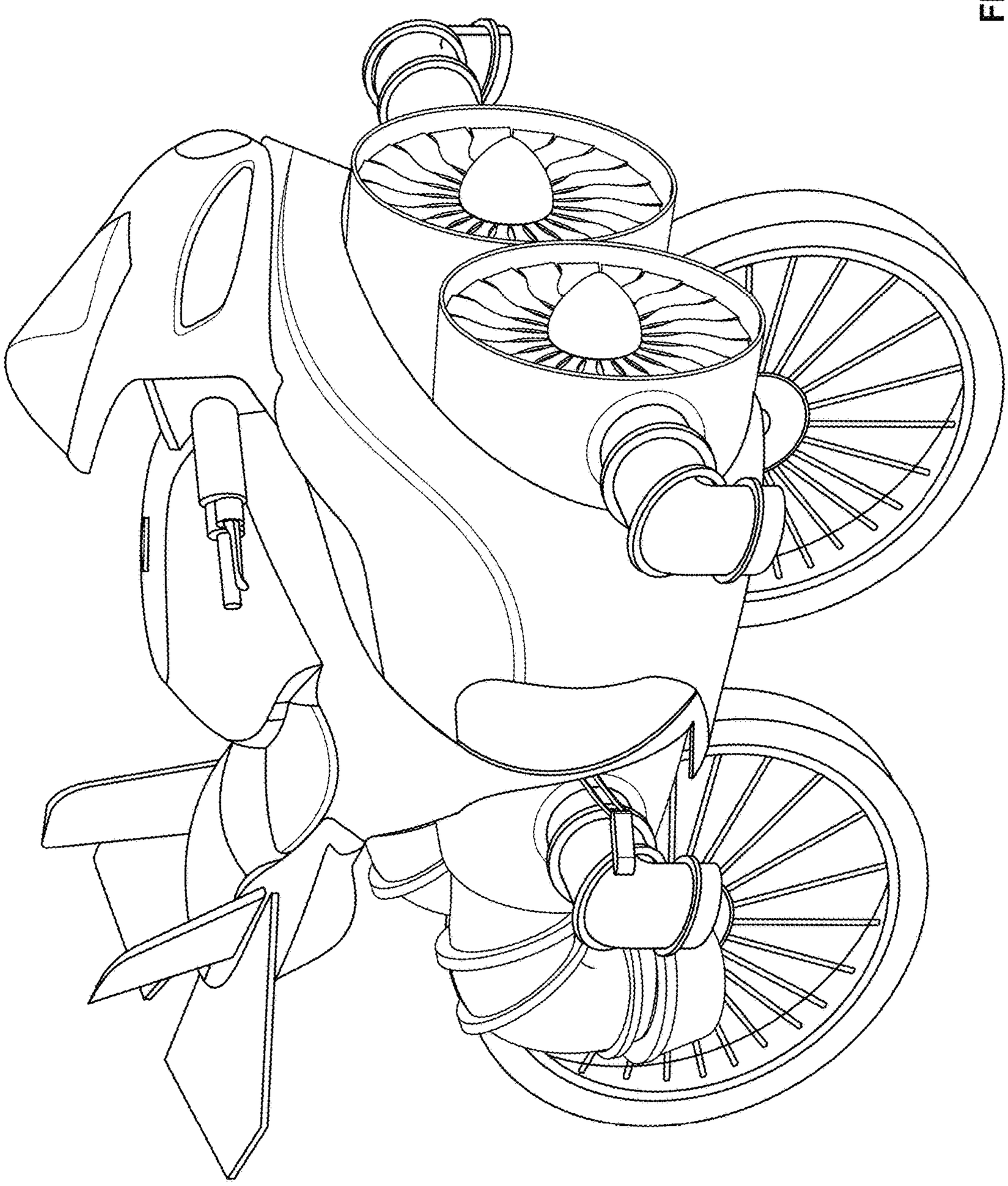


FIG. 12

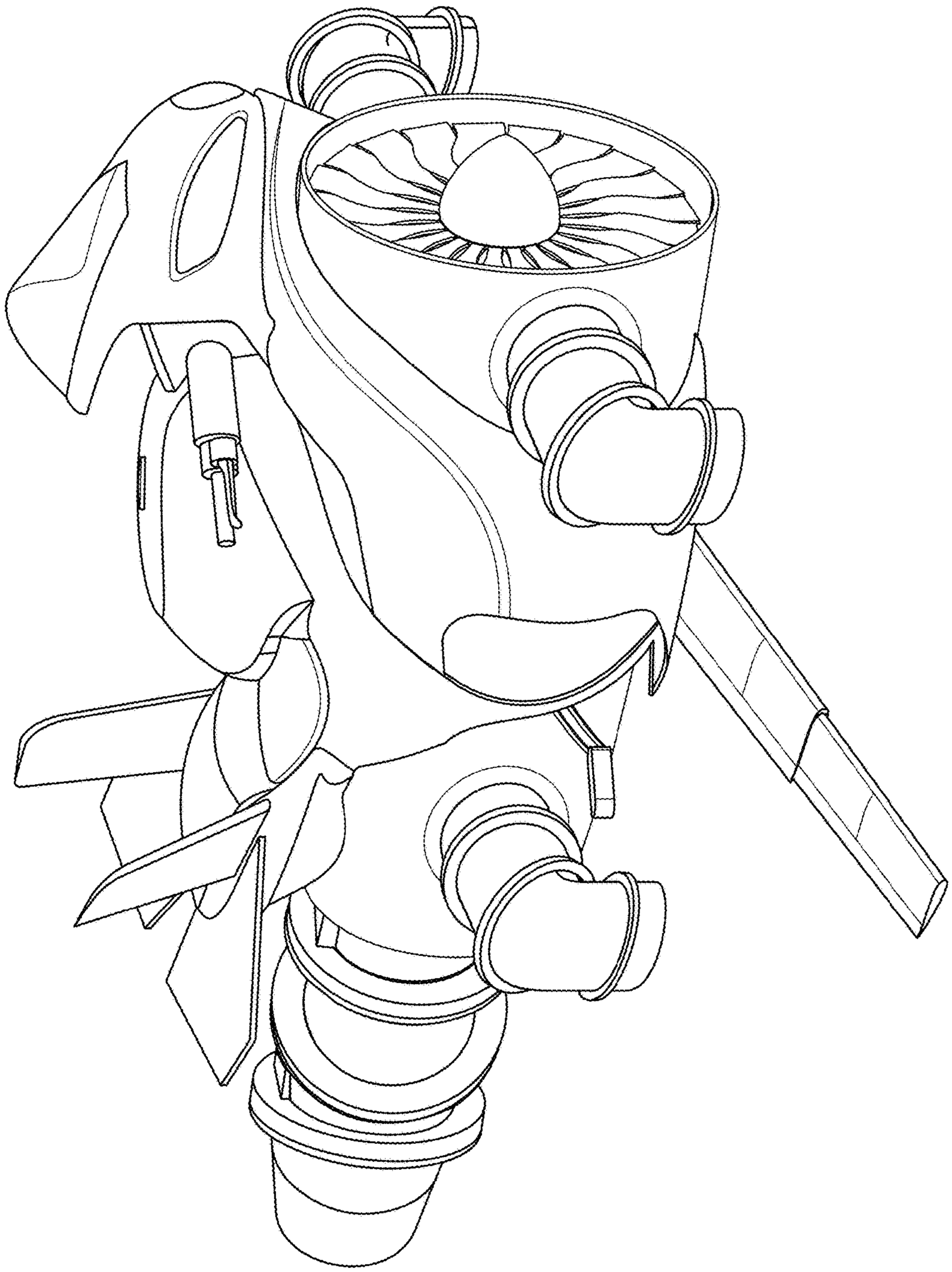


FIG. 13

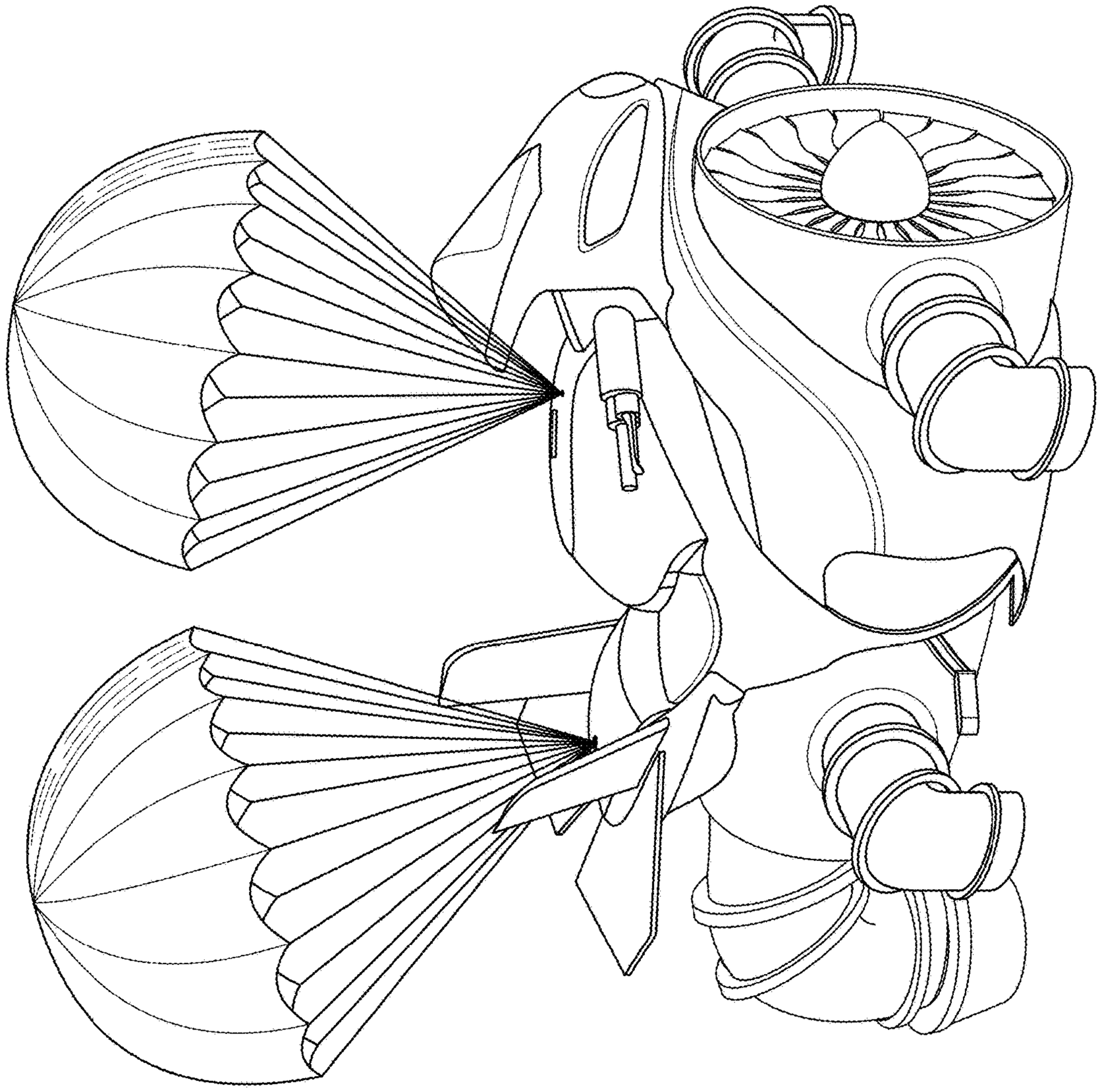
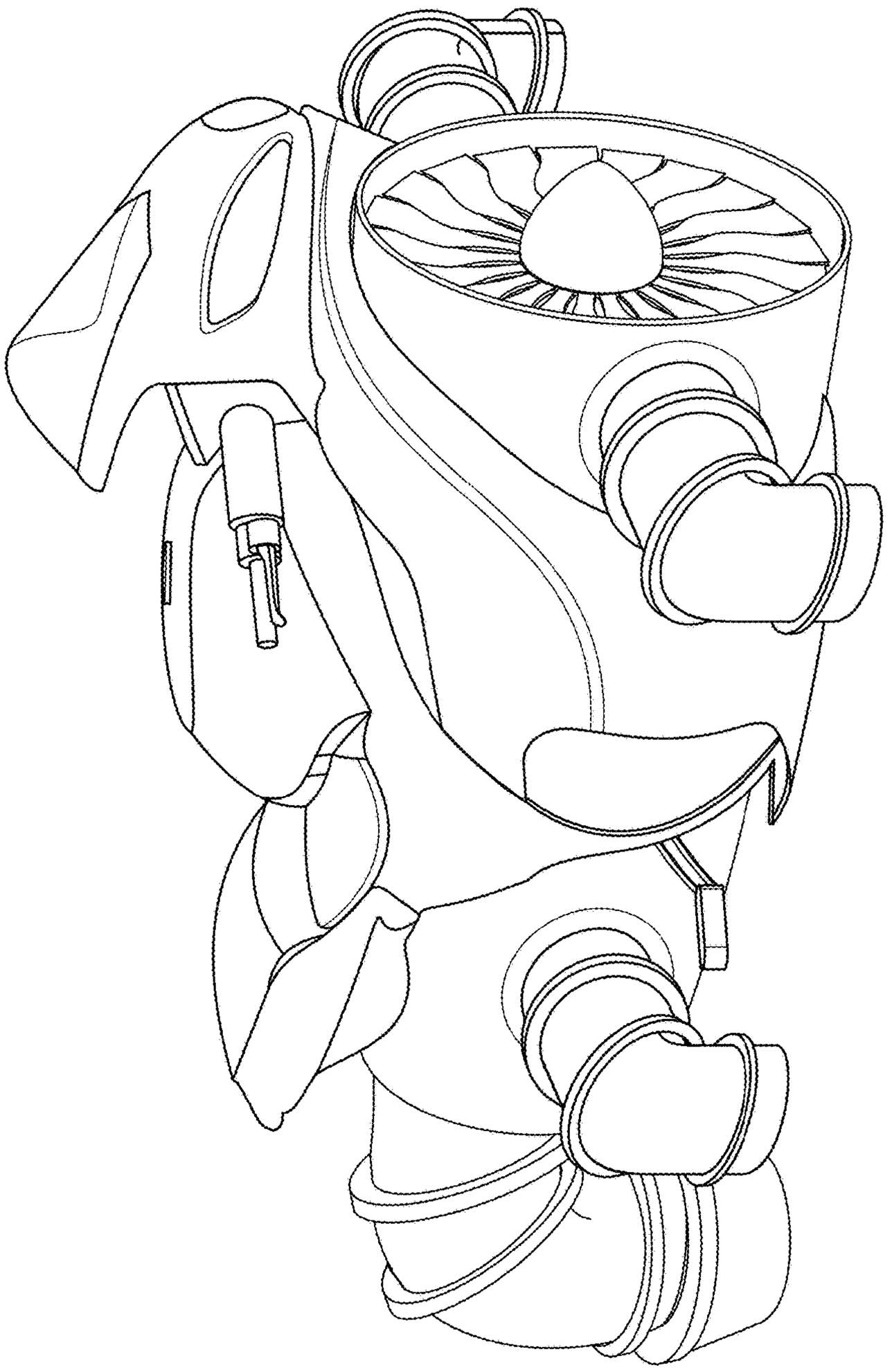


FIG. 14



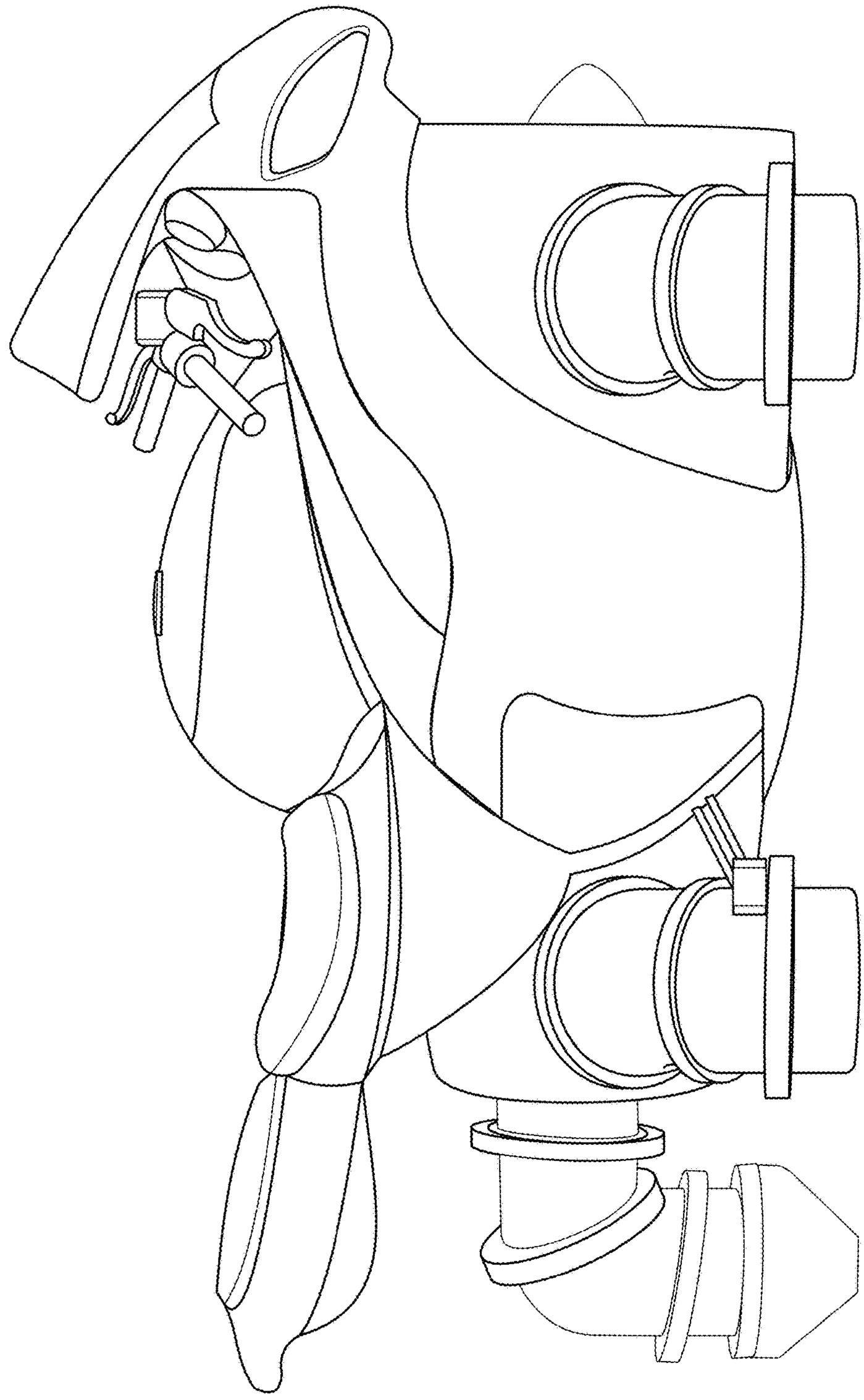


FIG. 15

FIG. 16

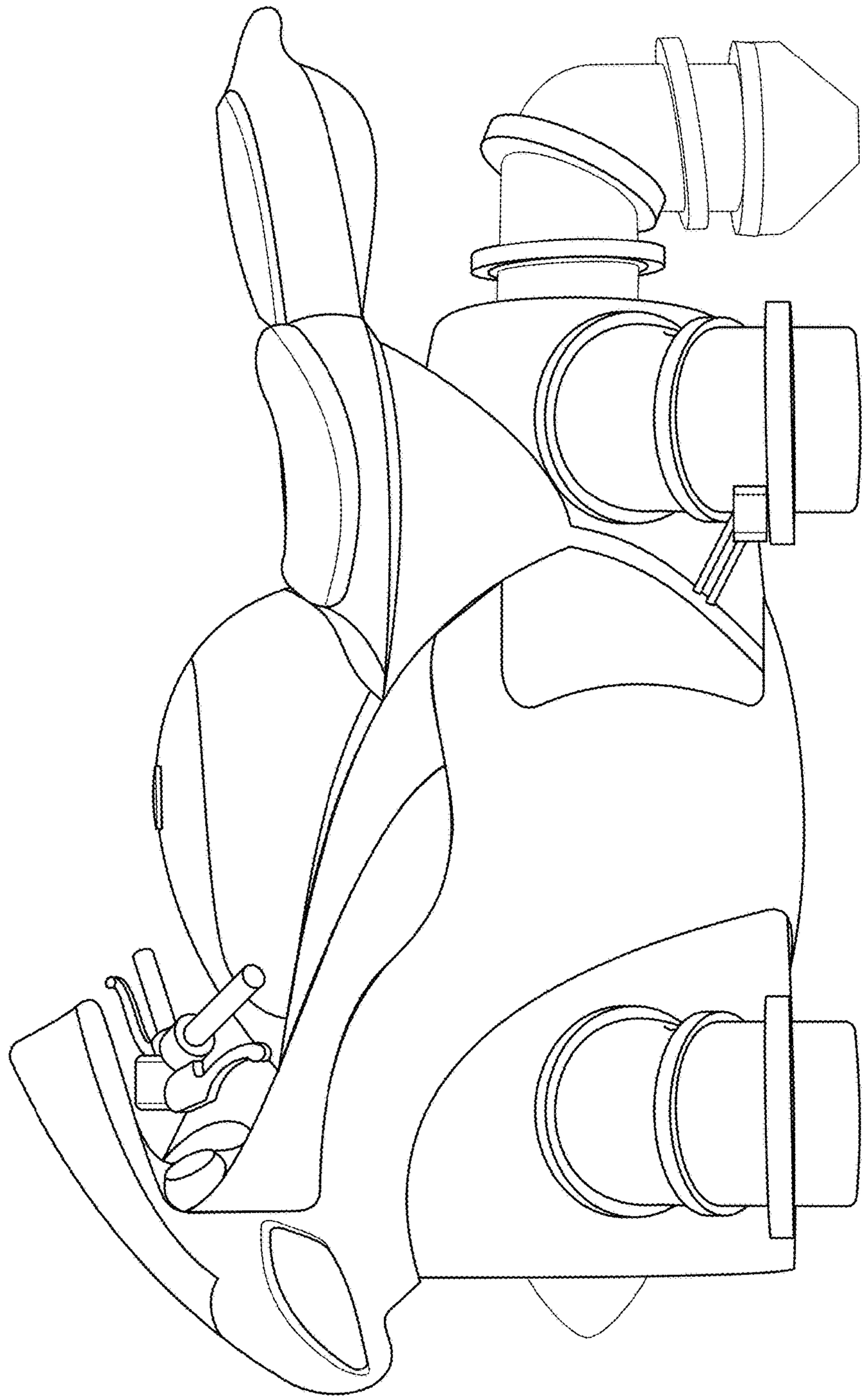


FIG. 17

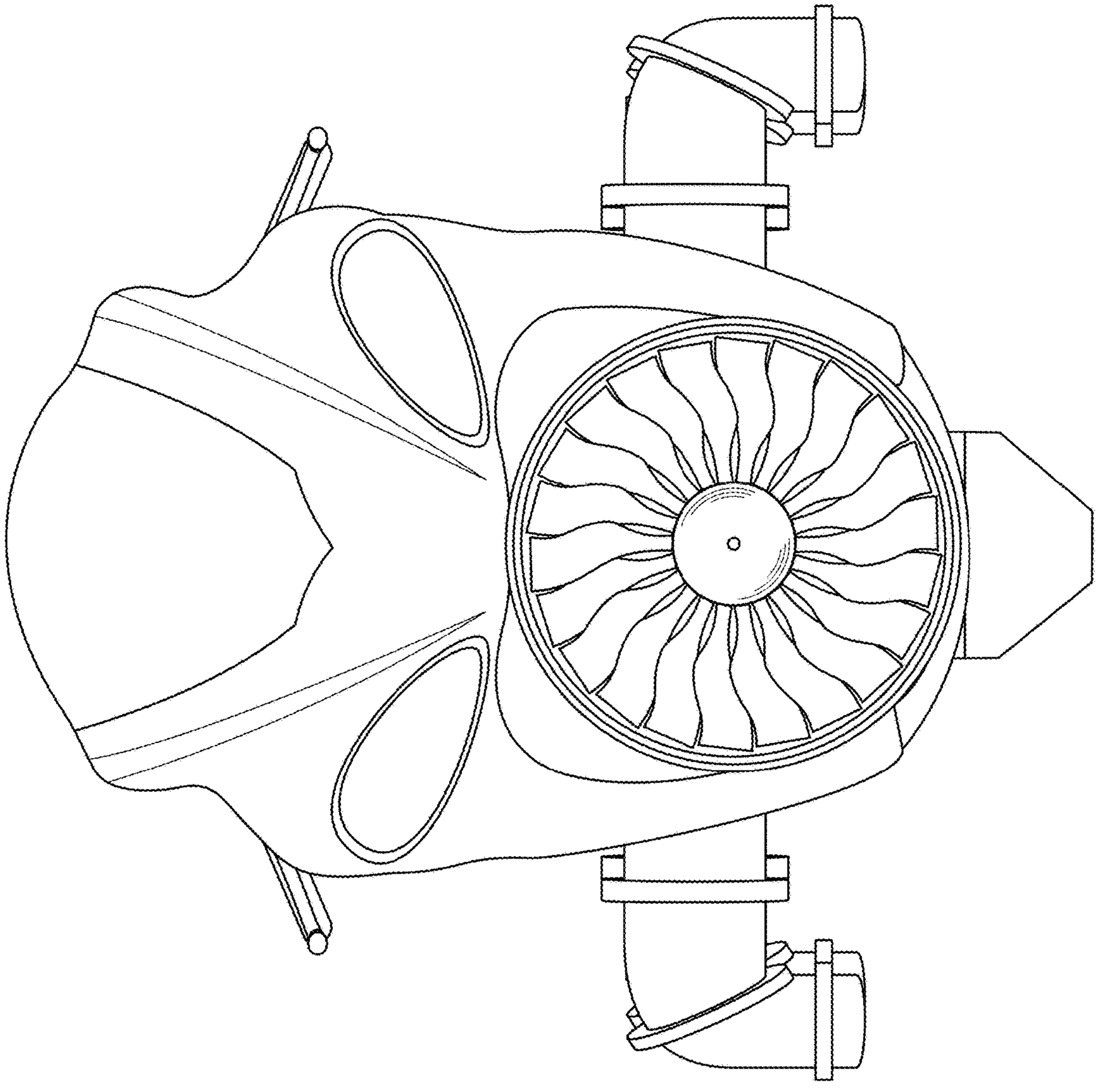


FIG. 18

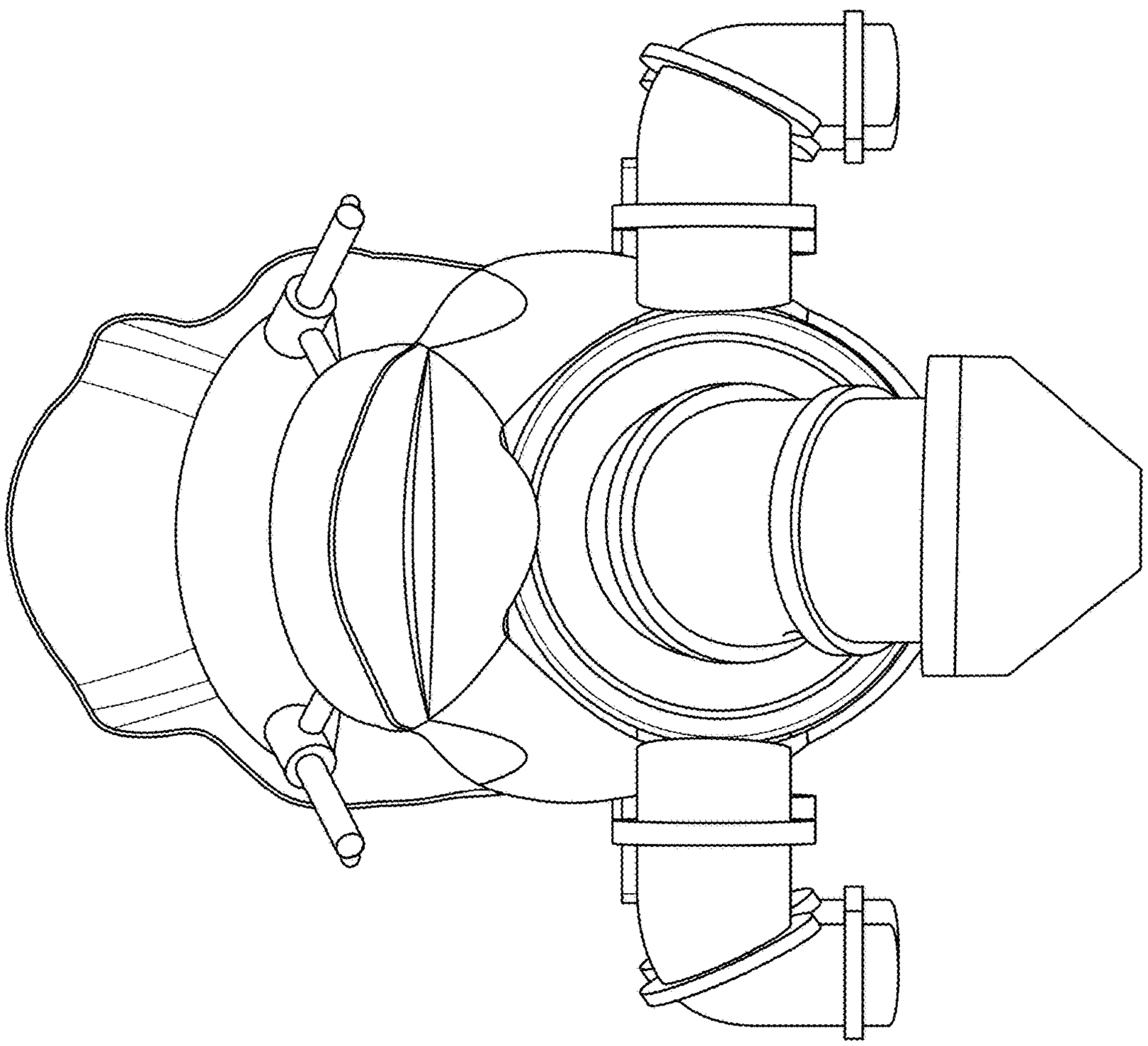


FIG. 19

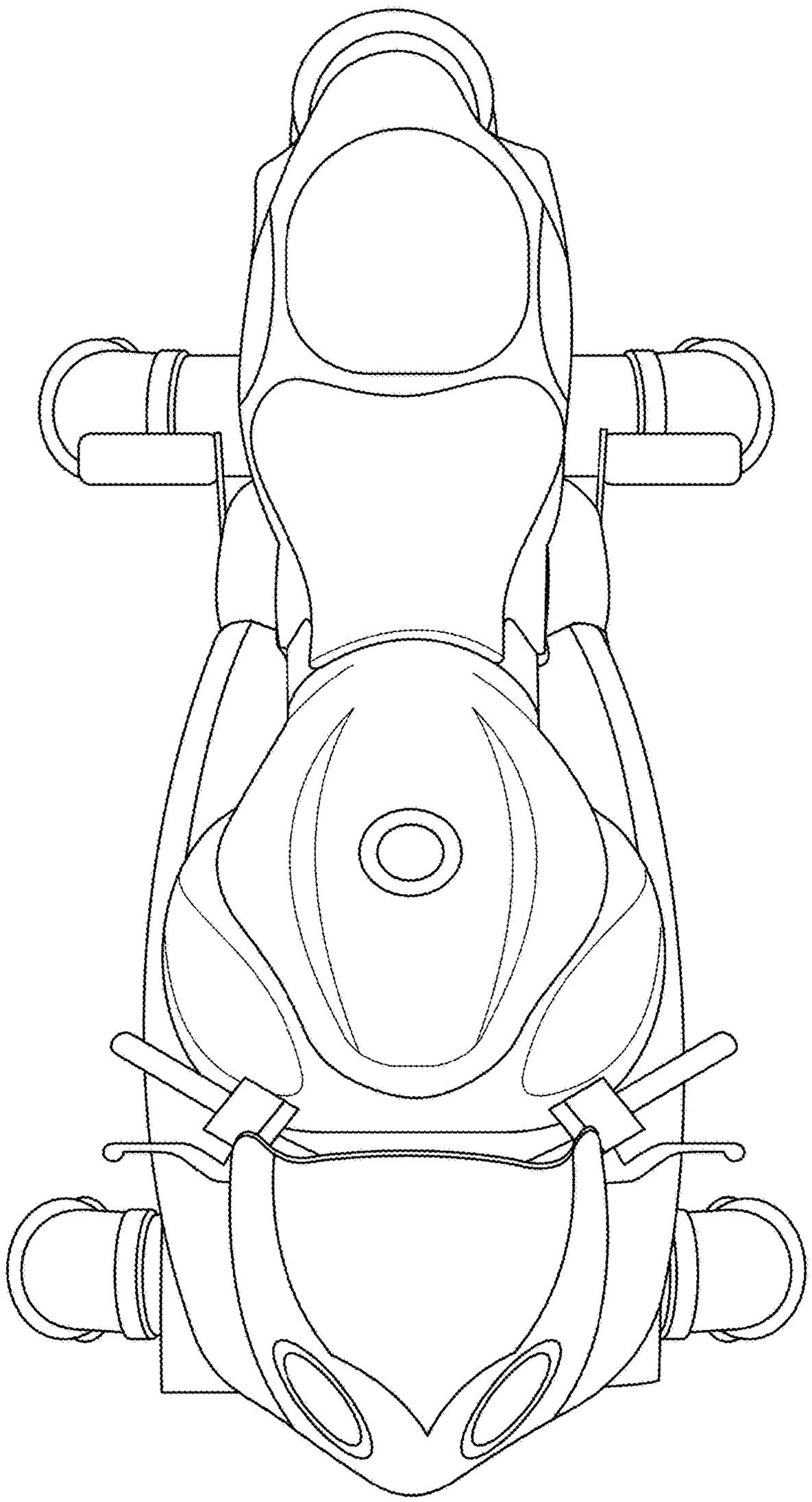


FIG. 20