US00D834996S

(12) United States Design Patent

Zheng et al.

(10) Patent No.: US D834,996 S
(45) Date of Patent: ** Dec. 4, 2018

(54) **UNMANNED AERIAL VEHICLE**

(71) Applicant: **POWERVISION ROBOT INC.**, Beijing (CN)

(72) Inventors: **Weifeng Zheng**, Beijing (CN); **Yang Liu**, Beijing (CN); **Lei Yu**, Beijing (CN)

(73) Assignee: **PowerVision Robot Inc.**, Beijing (CN)

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

(21) Appl. No.: **29/574,215**

(22) Filed: **Aug. 12, 2016**

(30) **Foreign Application Priority Data**

Feb. 26, 2016 (CN) 2016 3 0053718
Mar. 3, 2016 (CN) 2016 3 0058824
Apr. 29, 2016 (CN) 2016 3 0155079

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

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

(58) **Field of Classification Search**
USPC D12/16.1, 319, 325, 326, 327, 328, D12/329–345; D21/436, 441, 442, 443, D21/444, 445–453
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D312,067 S * 11/1990 Walling D12/320
D321,166 S * 10/1991 Motts D12/323
(Continued)

OTHER PUBLICATIONS

PowerEgg Drone by Rajiv Patil. dated Sep. 1, 2016. found online [Jan. 26, 2018] https://www.nimblechapps.com/drones/poweregg-gesture-controlled-drone.*
(Continued)

Primary Examiner — Brandon M Rosati
Assistant Examiner — Marissa J Cash
(74) *Attorney, Agent, or Firm* — Winston Hsu

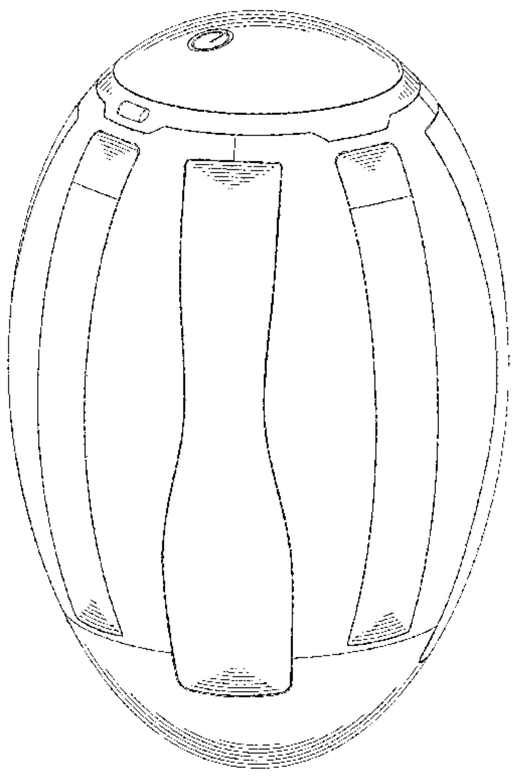
(57) **CLAIM**

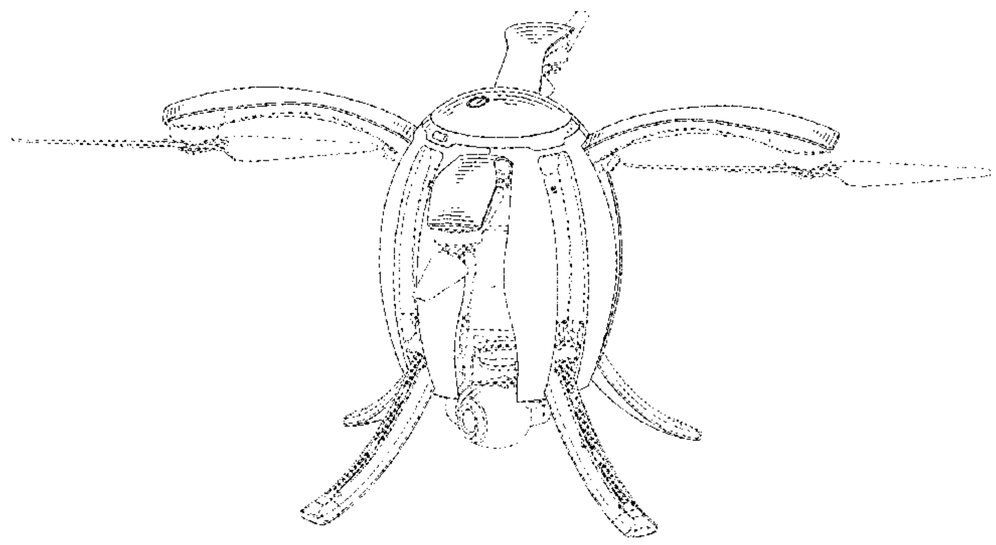
The ornamental design for an unmanned aerial vehicle, as shown and described.

DESCRIPTION

FIG. **1** is a front elevation view showing our new design for an unmanned aerial vehicle;
FIG. **2** is a rear elevation view thereof;
FIG. **3** is a left side elevation view thereof;
FIG. **4** is a right side elevation view thereof;
FIG. **5** is a top plan view thereof;
FIG. **6** is a bottom plan view thereof;
FIG. **7** is a perspective view thereof;
FIG. **8** is a perspective view showing the unmanned aerial vehicle in first variant form, wherein the airfoil is in an opened state;
FIG. **9** is a perspective view showing the unmanned aerial vehicle in second variant form, wherein the airfoil is in an opened state and the lower cover is taken down;
FIG. **10** is a perspective view showing the unmanned aerial vehicle in third variant form, wherein the airfoil and the bear stand are in opened states, and the lower cover is taken down;
FIG. **11** is a perspective view showing the unmanned aerial vehicle in fourth variant form, wherein the bear stand is in an opened state, the lower cover is taken down, and the airfoil is in a closed state; and,
FIG. **12** is a perspective view showing the unmanned aerial vehicle in fifth variant form, wherein the lower cover is taken down, and the airfoil and the bear stand are in the closed state.
The portions of the unmanned aerial vehicle shown in broken lines form no part of the claimed design.

1 Claim, 12 Drawing Sheets





(58) **Field of Classification Search**
CPC B64C 39/024; B64C 2201/141; B64C 2201/00; B64C 2201/108
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D465,196	S *	11/2002	Dammar	D12/328
6,688,936	B2 *	2/2004	Davis	A63H 27/04 446/175
7,273,195	B1 *	9/2007	Golliher	A63H 27/12 244/17.11
7,497,759	B1 *	3/2009	Davis	A63H 27/12 244/23 C
D736,140	S *	8/2015	Moller	D12/326
D745,435	S *	12/2015	Park	D12/16.1
D760,624	S *	7/2016	Balaresque	D12/16.1
9,527,588	B1 *	12/2016	Rollefstad	B64C 39/024
9,612,599	B2 *	4/2017	Bradlow	G05D 1/0661
9,650,132	B2 *	5/2017	Fengler	B64C 27/08
9,725,158	B2 *	8/2017	Yan	B64C 17/02
D798,221	S *	9/2017	Kaiser	D12/325
9,783,294	B2 *	10/2017	Johannesson	B64C 39/024
D803,327	S *	11/2017	Gaus	D21/436
9,845,165	B2 *	12/2017	Michalski	B64F 1/36
D821,264	S	6/2018	Choo	
D826,778	S	8/2018	Wang	
2010/0224723	A1 *	9/2010	Apkarian	A63H 27/12 244/65
2015/0175276	A1 *	6/2015	Koster	B64F 1/32 244/114 R
2016/0001875	A1 *	1/2016	Daler	B64C 17/00 244/17.23
2016/0016664	A1 *	1/2016	Basuni	B64C 39/024 244/17.13
2016/0179096	A1 *	6/2016	Bradlow	B64C 19/00 701/8
2016/0280359	A1 *	9/2016	Semke	B64C 25/32
2016/0336020	A1 *	11/2016	Bradlow	G01S 19/49
2016/0375983	A1 *	12/2016	Yan	B64C 17/02 701/4
2016/0376031	A1 *	12/2016	Michalski	B64F 1/36 701/15
2017/0015417	A1 *	1/2017	Bishop	B64C 27/20
2017/0050749	A1 *	2/2017	Pilskalns	B64F 1/362
2017/0158337	A1 *	6/2017	Erickson	B64D 17/72
2017/0182901	A1 *	6/2017	Lee	B60L 11/1824
2017/0225792	A1 *	8/2017	Wang	B64D 17/70
2017/0291719	A1 *	10/2017	Lavine	B64D 47/08

OTHER PUBLICATIONS

FQ777 FQ28 6-Axis Gyro WIFI FPV 2.0MP Camera Quadcopter Egg Shaped Foldable G-sensor RC Selfie Pocket Drone APP Control, TOMTOP, https://www.tomtop.com/p-rm9072-1.html, 2018.

dronerichadmin, Kai Deng K130 Alpha Review—The Flying Egg Drone, https://dronerich.com/kai-deng-k130-alpha-review-flying-egg-drone/, Jul. 23, 2017.

Frank Schroth, The Power Egg—Could This Be the Drone the Consumer Market Has Been Waiting for?, https://dronelife.com/2016/08/24/the-power-egg-could-this-be-the-drone-the-consumer-market-has-been-waiting-for/, Aug. 24, 2016.

* cited by examiner

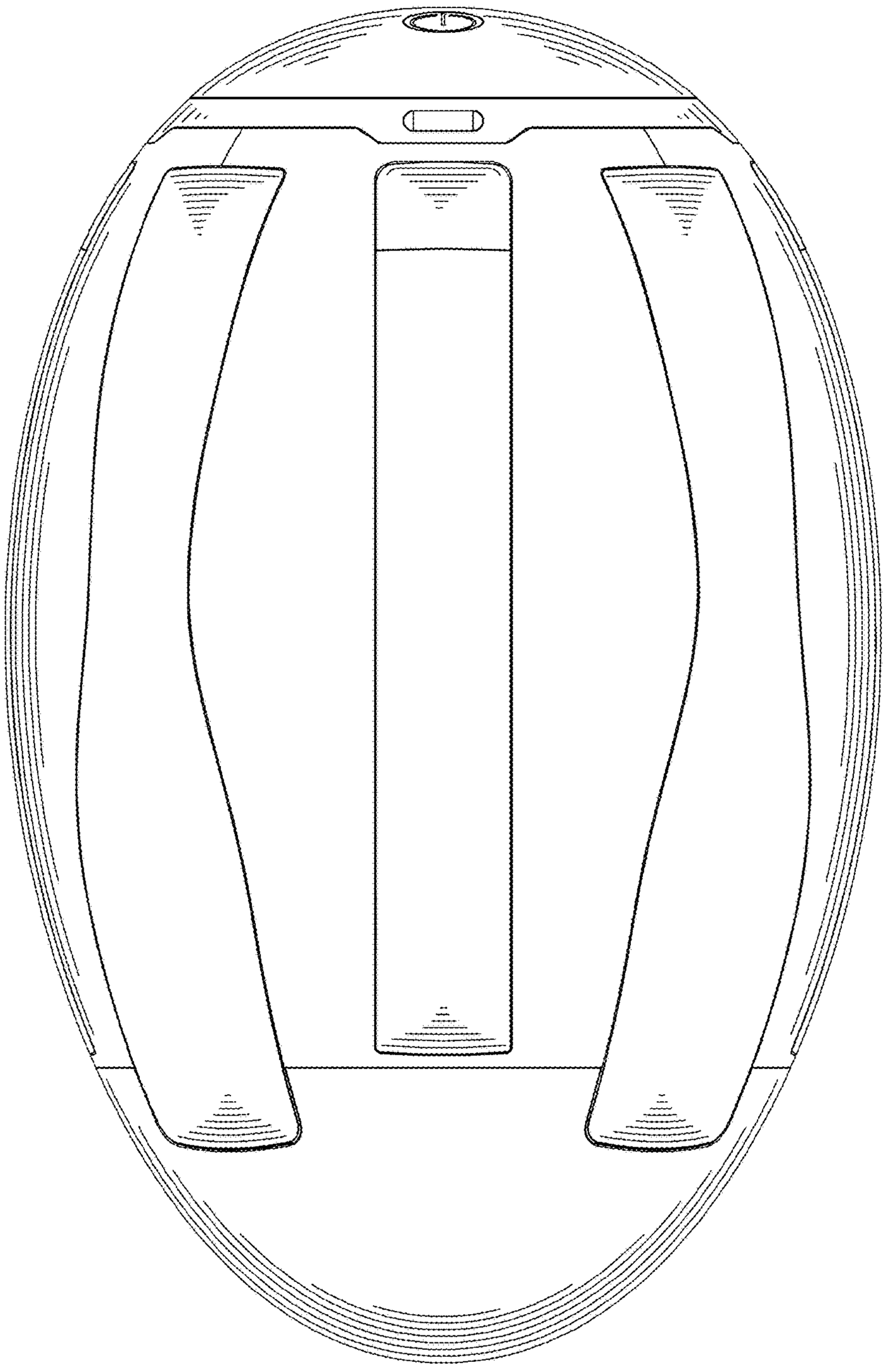


FIG.1

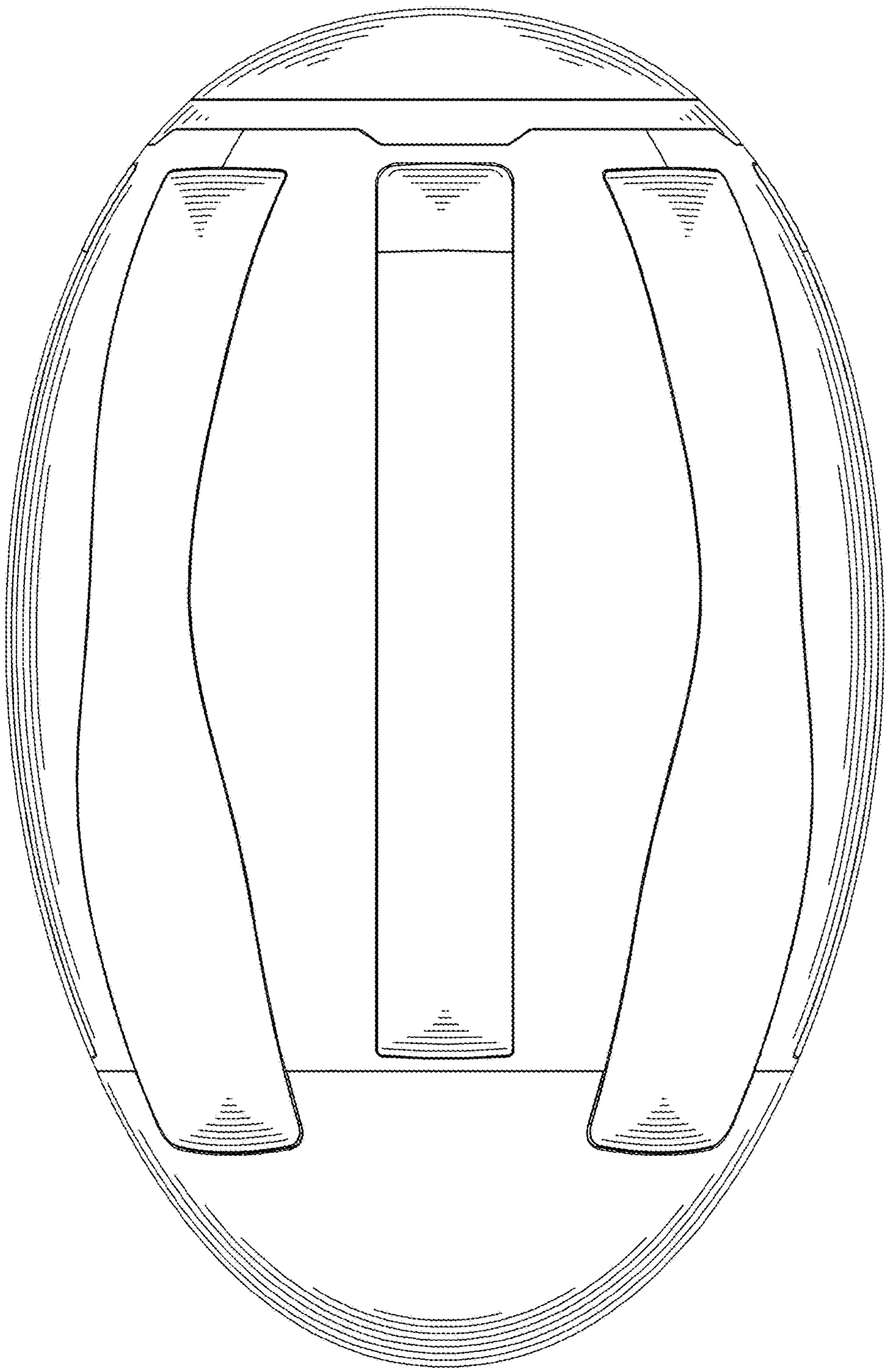


FIG.2

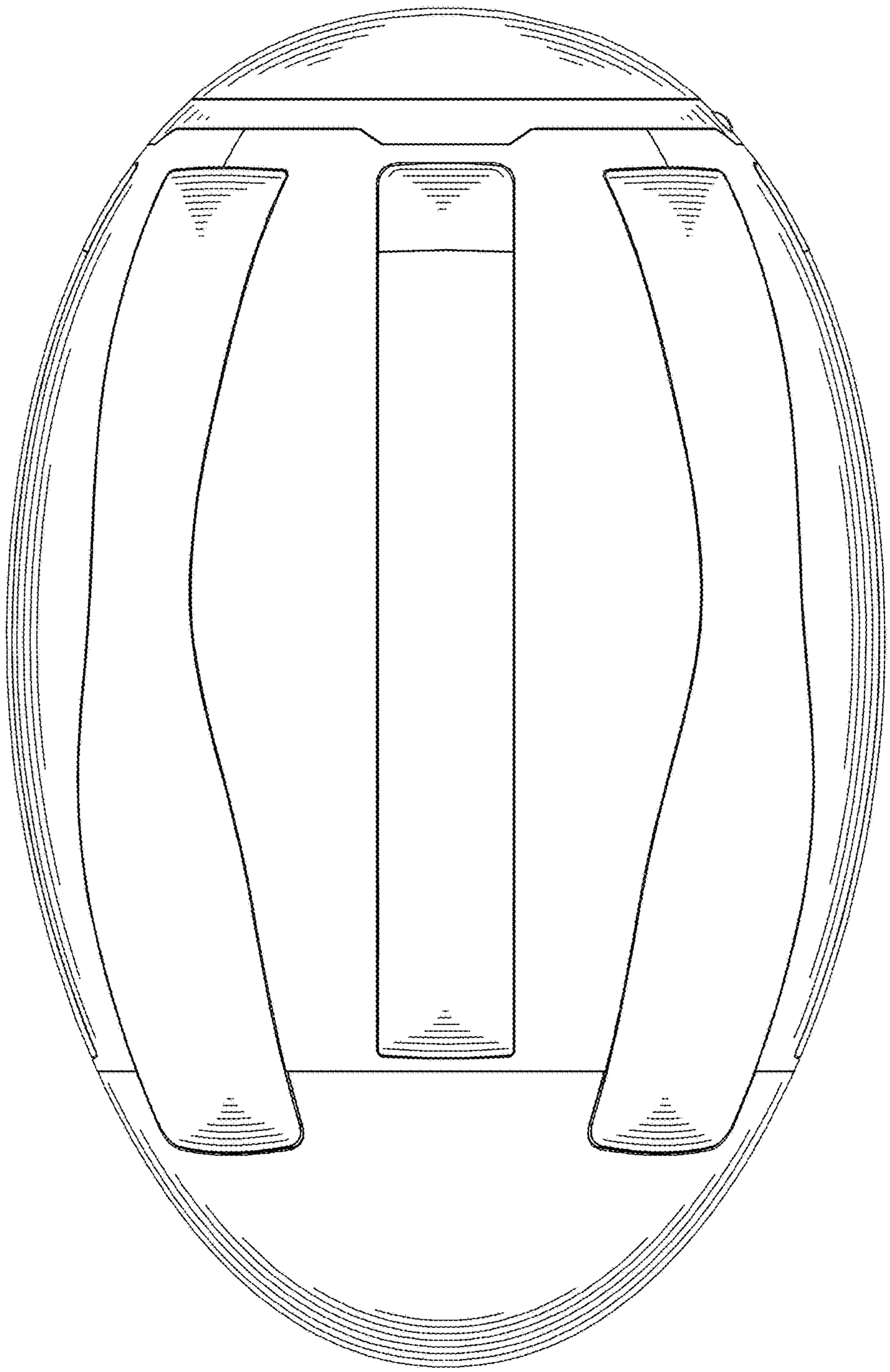


FIG.3

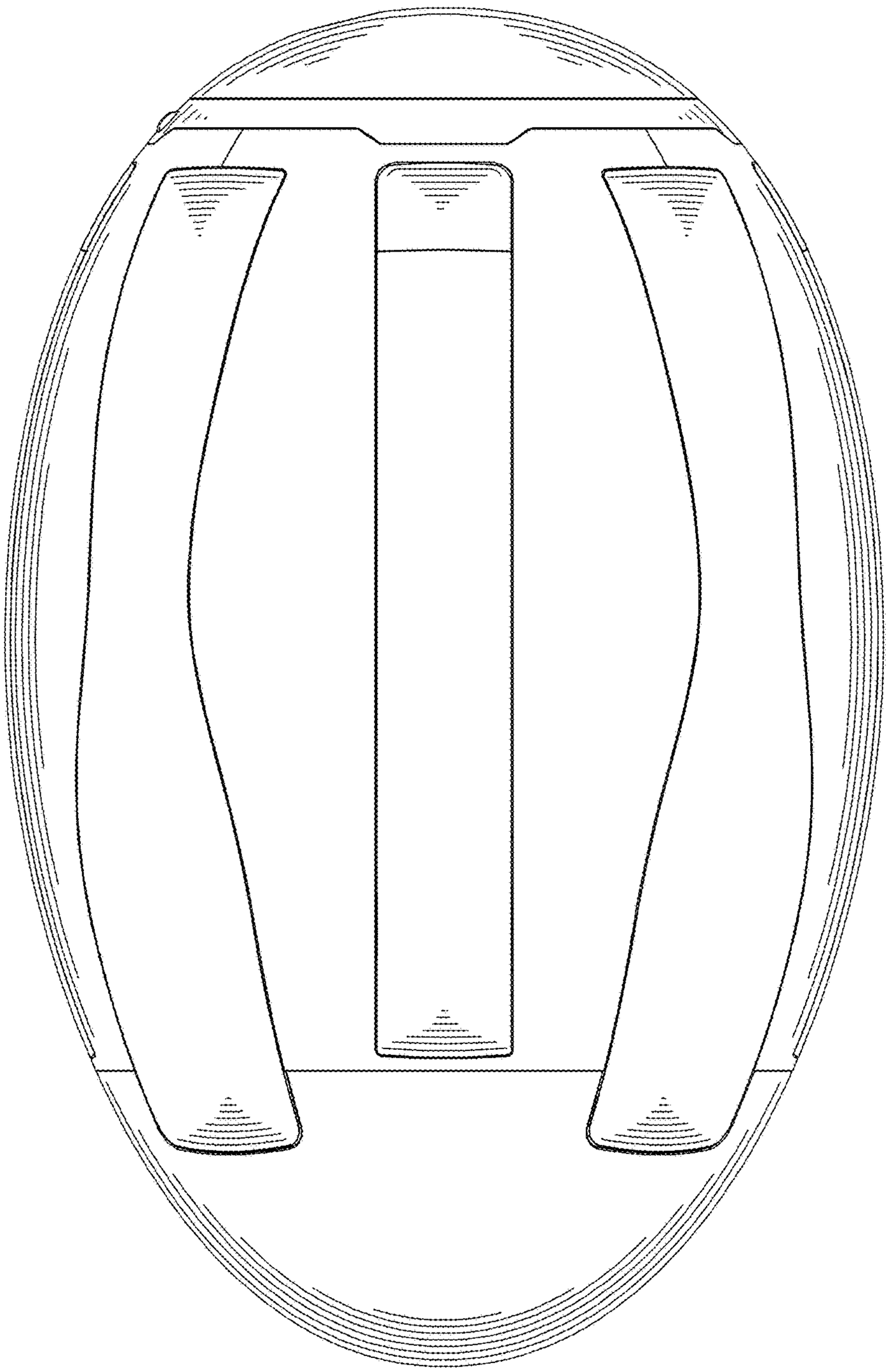


FIG.4

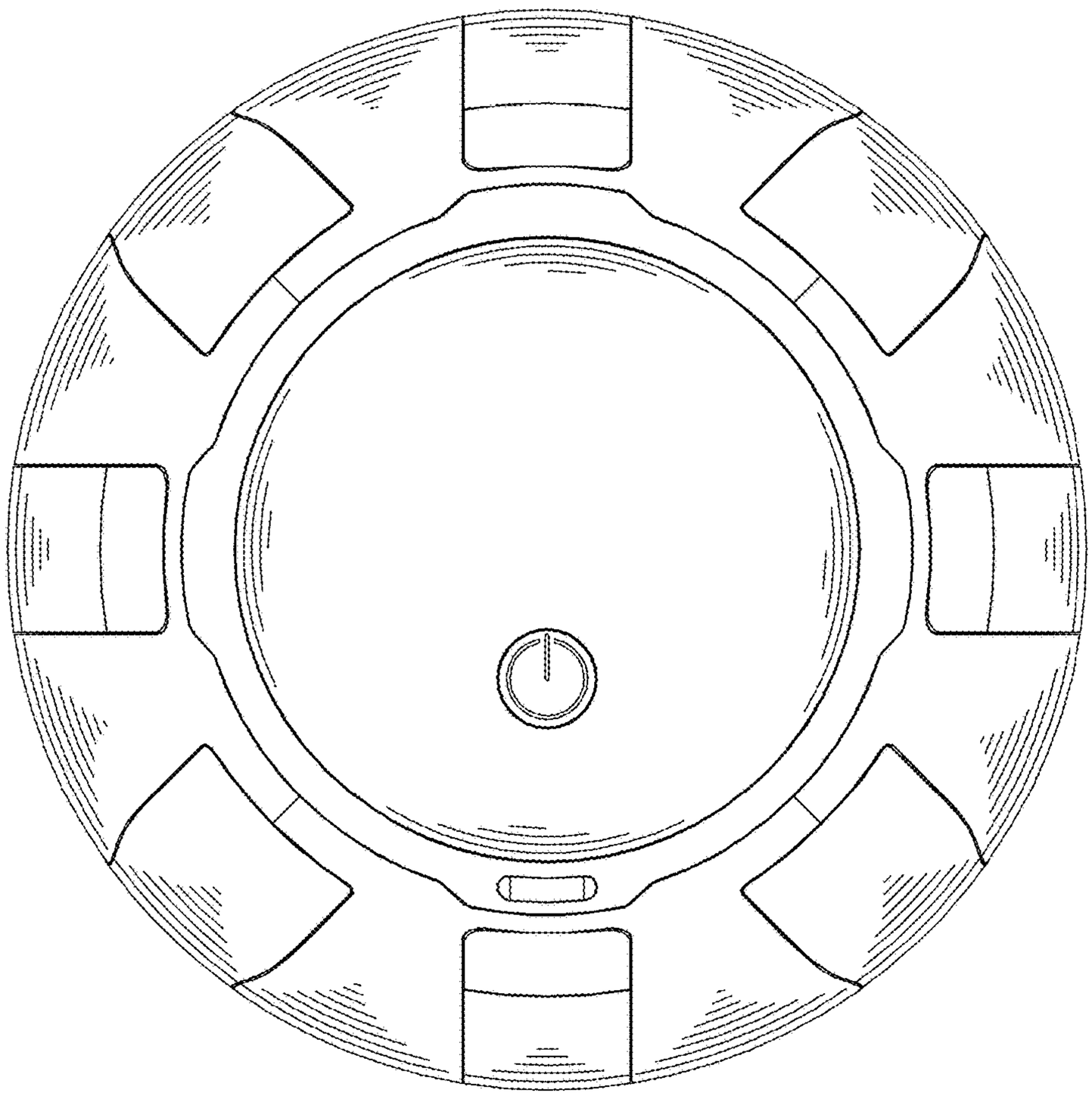


FIG.5

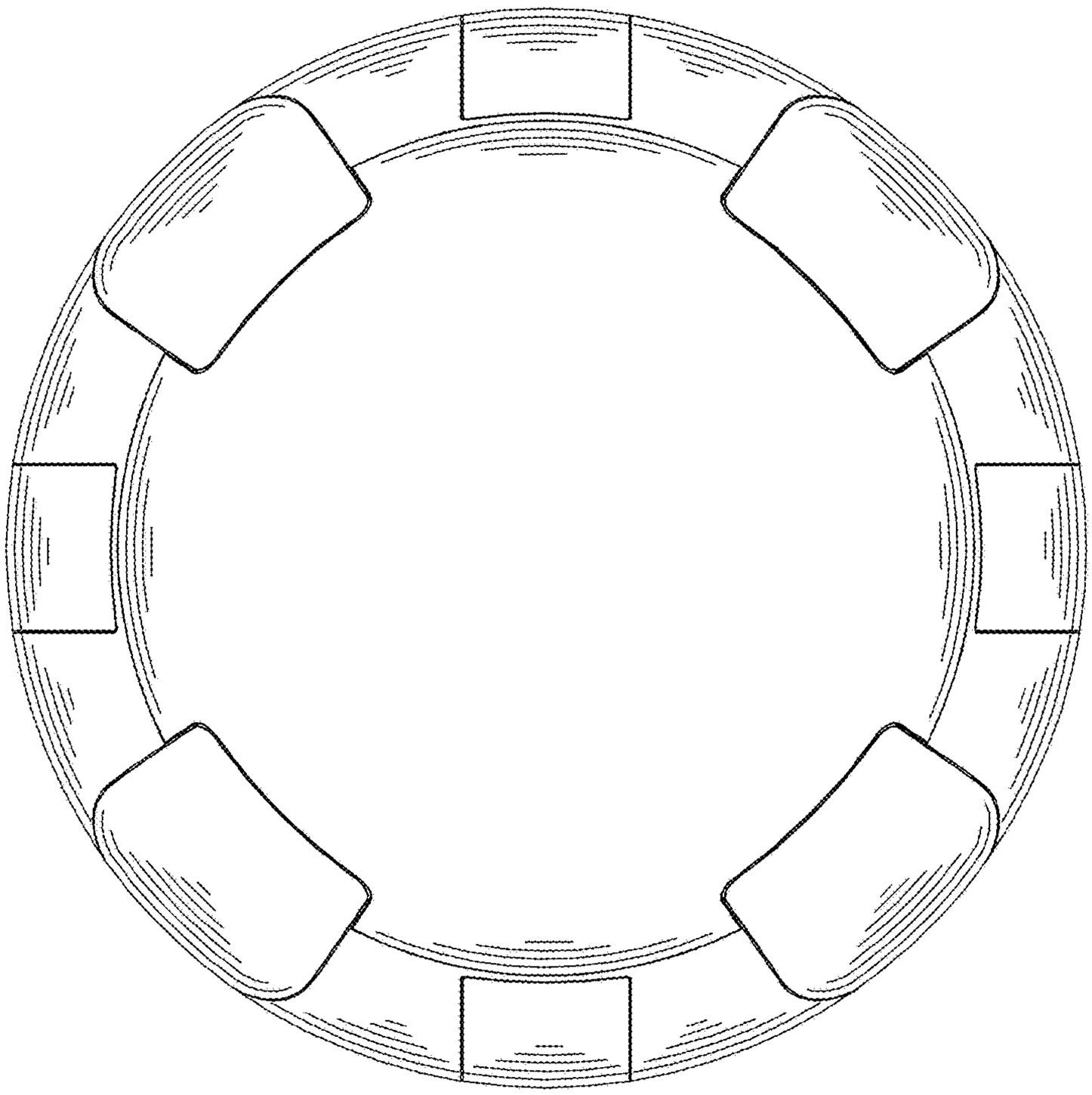


FIG.6

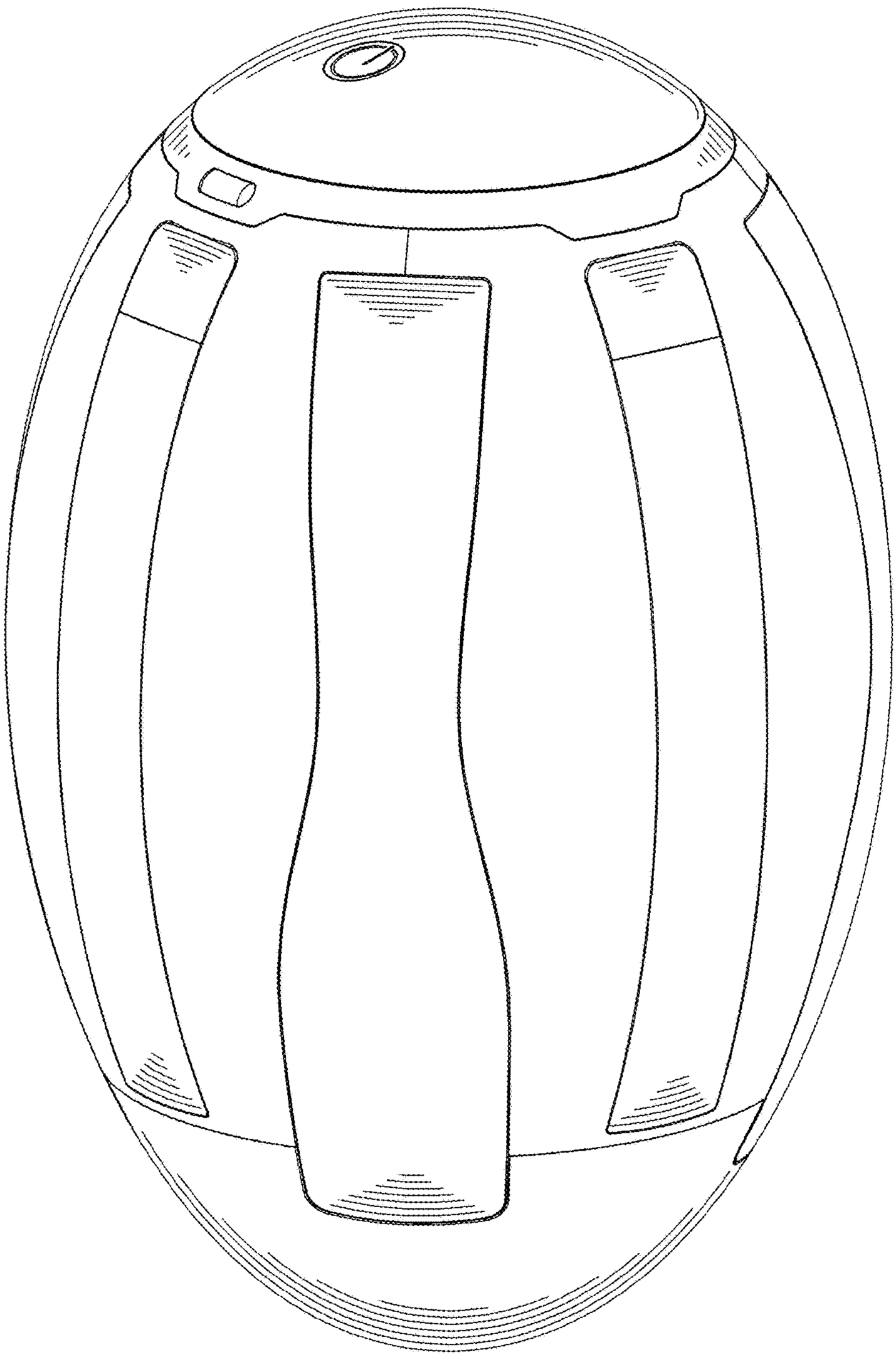


FIG.7

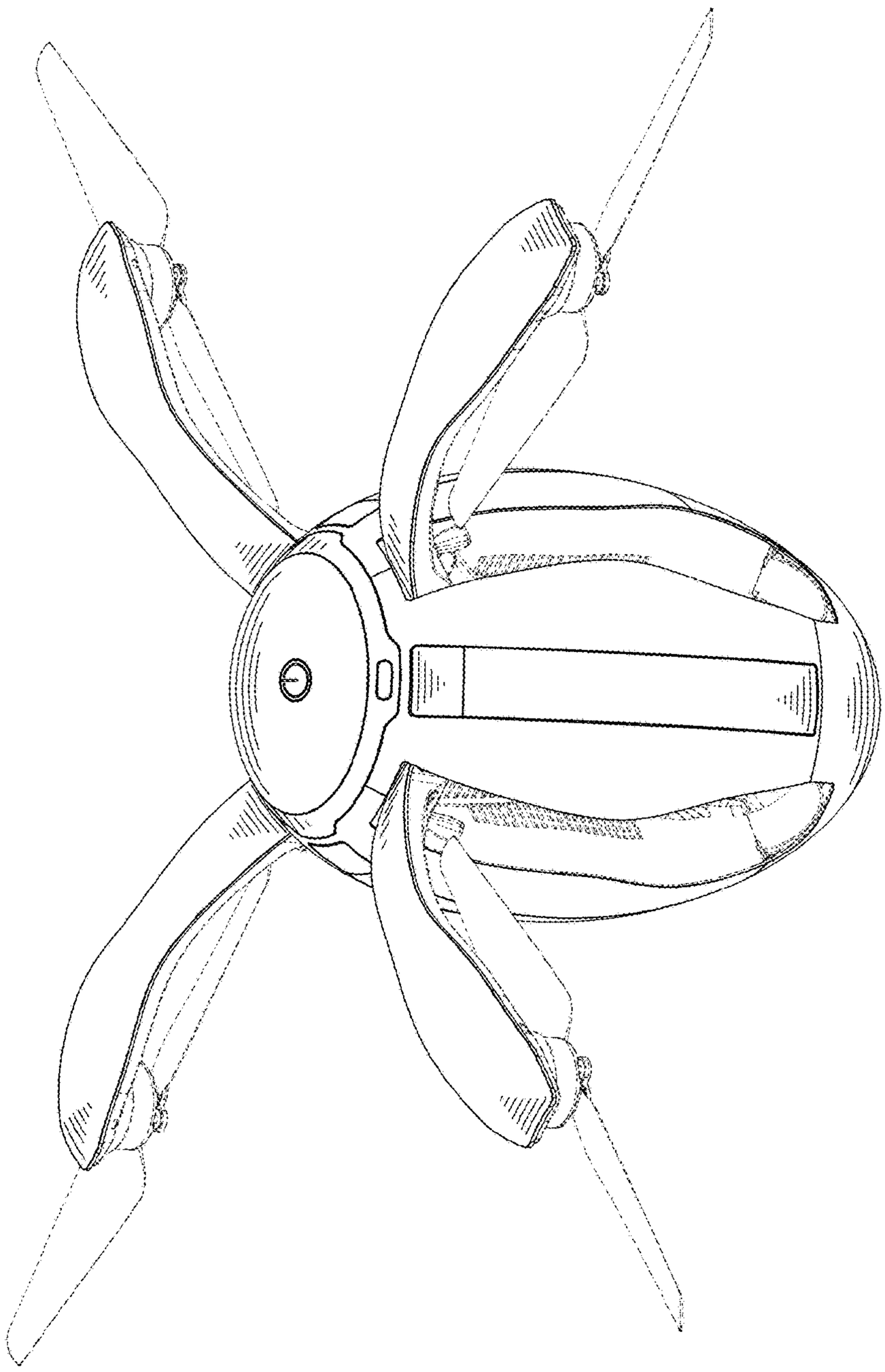


FIG.8

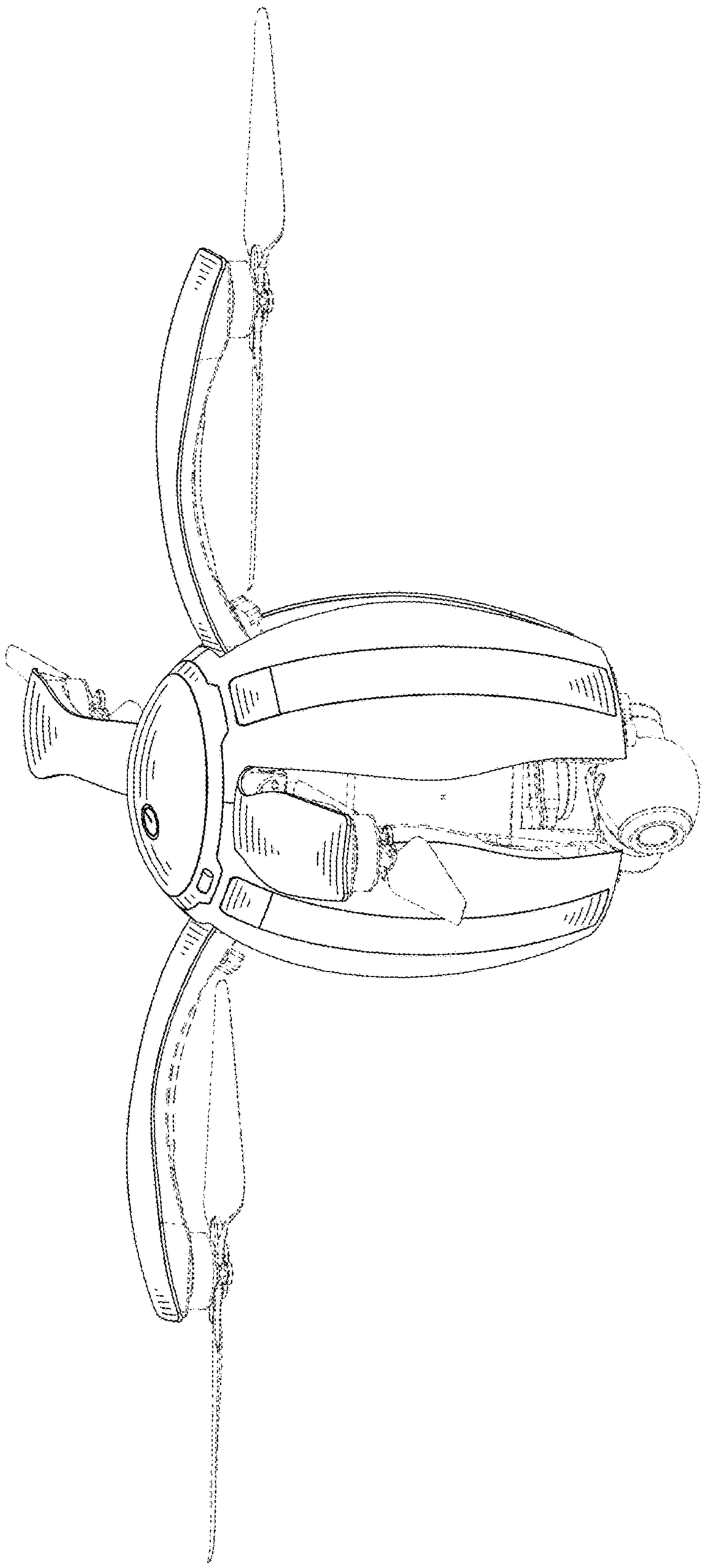


FIG.9

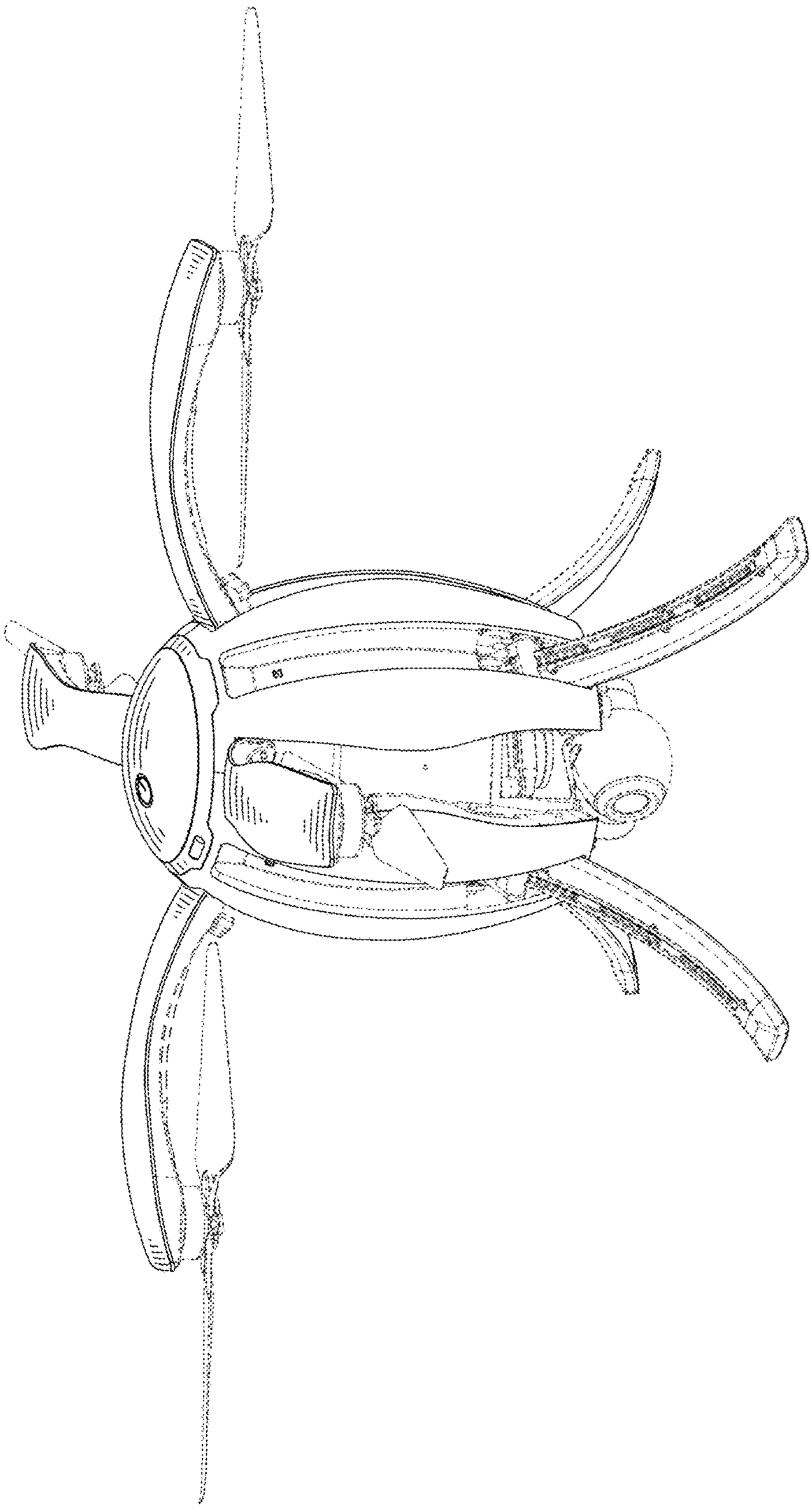


FIG. 10

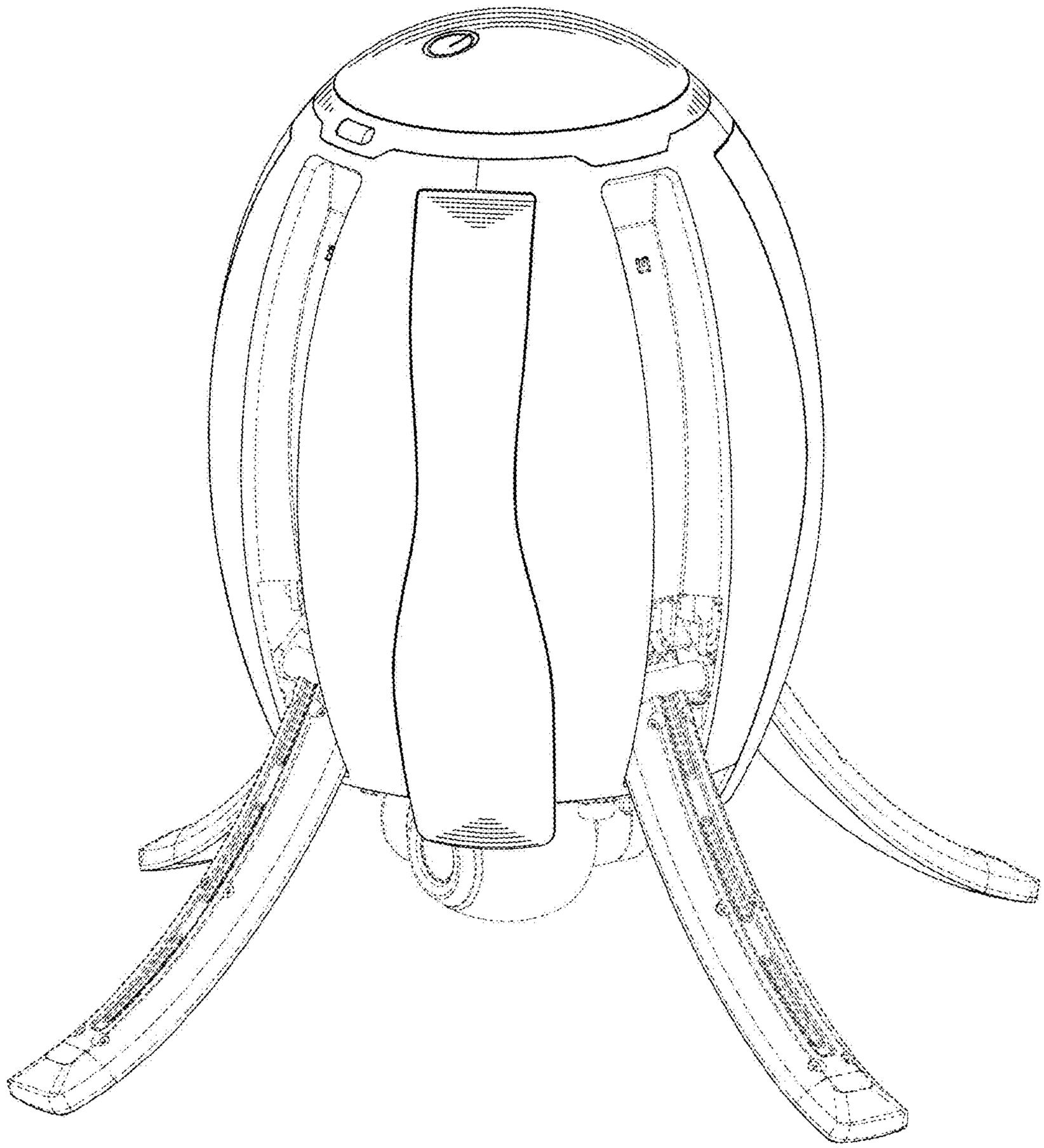


FIG.11

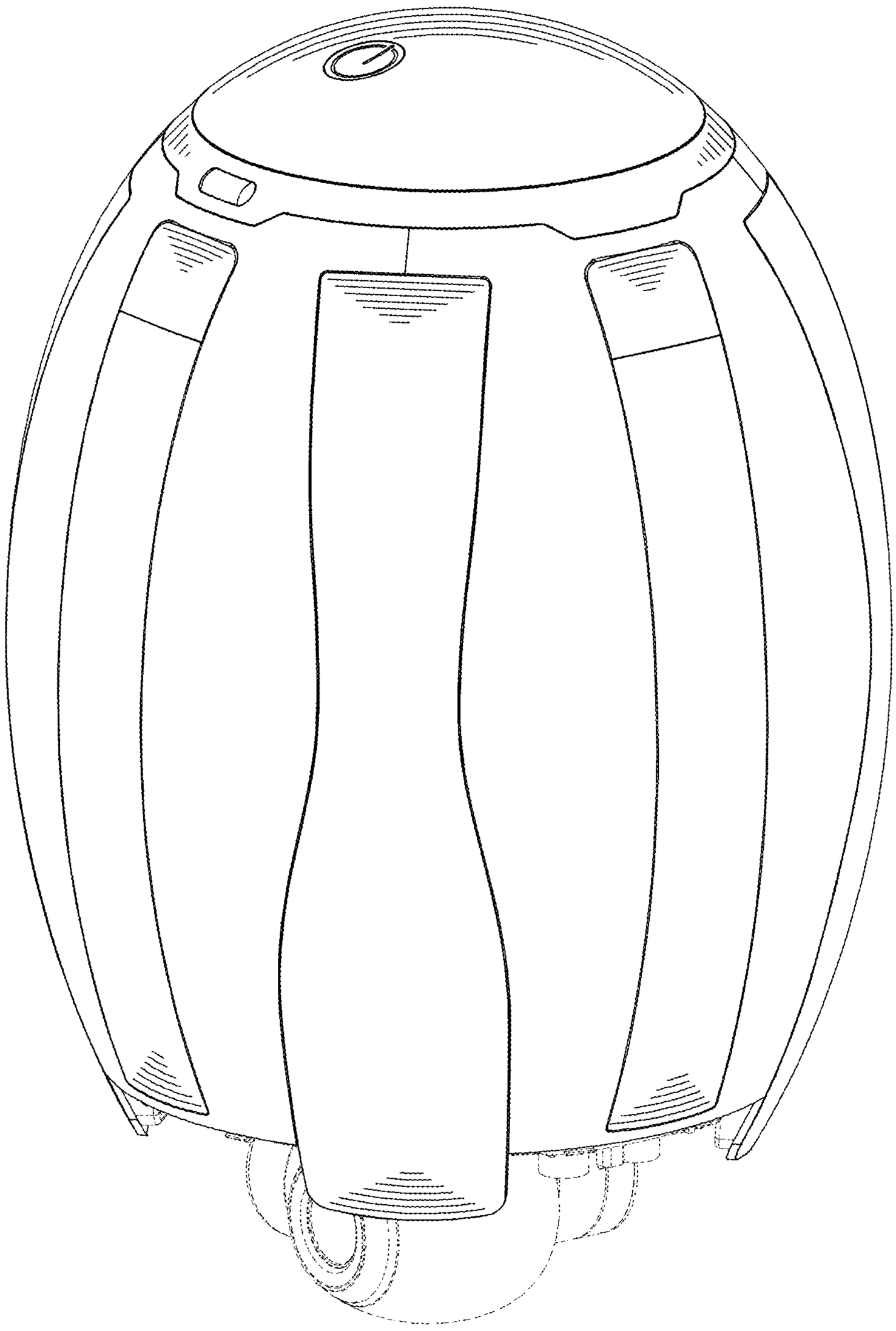


FIG.12