



US00D973141S

(12) **United States Design Patent** (10) **Patent No.:** **US D973,141 S**  
**Loveland et al.** (45) **Date of Patent:** **\*\* Dec. 20, 2022**

(54) **FOOT-PROPELLED VEHICLE**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **Early Rider Limited**, Stockbridge (GB)

WO 2012/104622 8/2012

(72) Inventors: **Andrew Loveland**, Henley On Thames (GB); **Robert Upton**, Totnes (GB); **Jeffrey Knapman**, Salisbury (GB)

OTHER PUBLICATIONS

Carlos Mejia. "This Space-Aged Balance Bug Is My Toddler's Favorite Ride." *Fatherly.*, Mar. 13, 2018 [online], [retrieved on Jul. 18, 2022]. Retrieved from the Internet <URL: <https://www.fatherly.com/life/chippin-eco-friendly-dog-treats-food>>.\*

(73) Assignee: **Early Rider Limited**, Stockbridge (GB)

*Primary Examiner* — Darlington Ly

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

(74) *Attorney, Agent, or Firm* — Saidman DesignLaw Group, LLC

(21) Appl. No.: **29/755,749**

(22) Filed: **Oct. 22, 2020**

(51) **LOC (13) Cl.** ..... **21-01**

(52) **U.S. Cl.**  
USPC ..... **D21/432; D12/111**

(58) **Field of Classification Search**  
USPC ..... D12/111, 117; D21/412, 414, 419, D21/423-428, 431-435  
CPC ..... B62K 3/00; B62K 3/02; B62K 3/06  
See application file for complete search history.

(57) **CLAIM**

The ornamental design for a foot-propelled vehicle, as shown and described.

(56) **References Cited**

U.S. PATENT DOCUMENTS

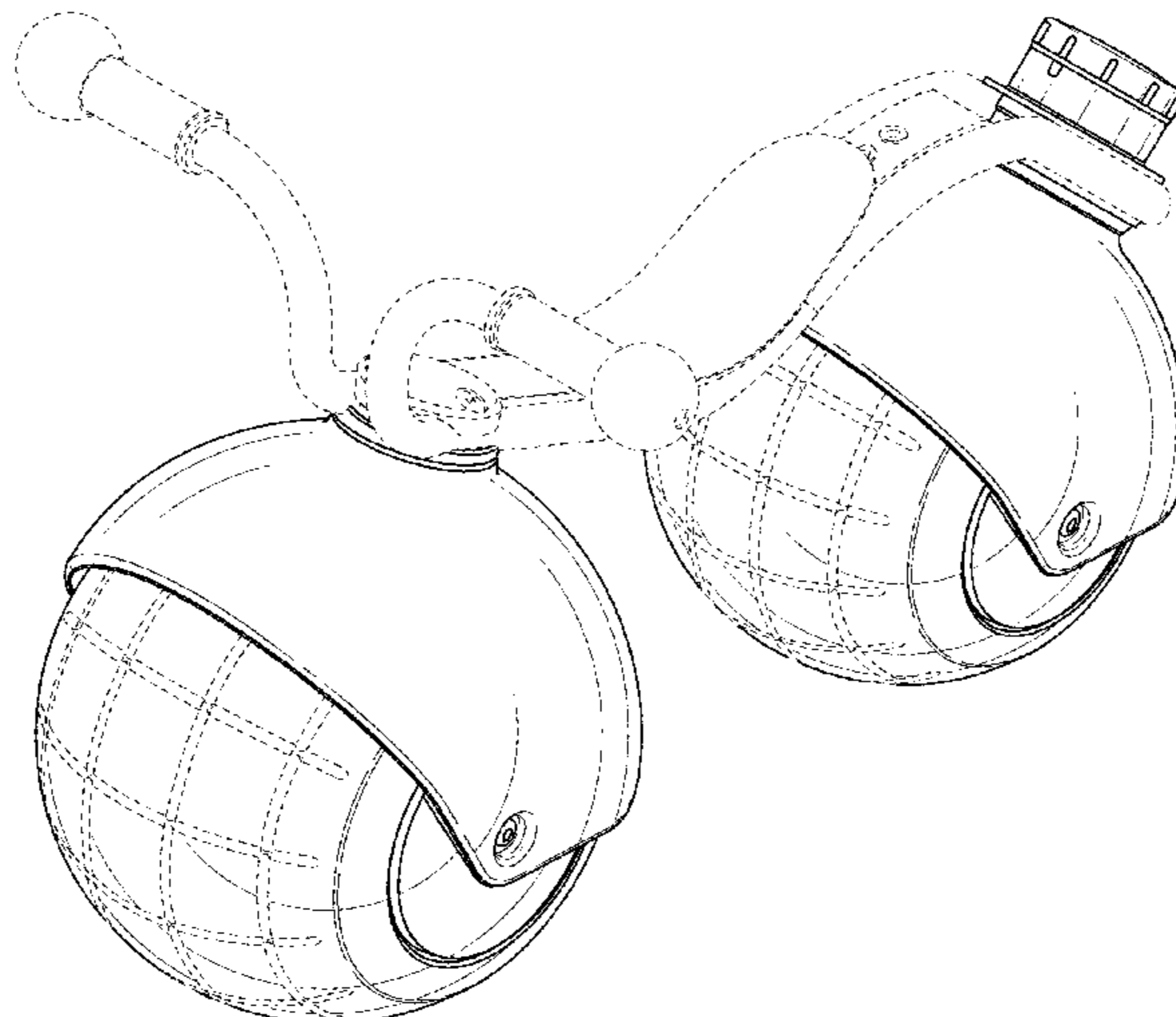
D191,176 S *	8/1961	Pressner	280/87.021
D216,551 S *	2/1970	Ruby	D21/432
D271,504 S *	11/1983	Rivollet	D21/424
D276,512 S *	11/1984	Gammelgaard	D12/111
D346,833 S *	5/1994	Klawitter	D21/432
D532,460 S *	11/2006	Auberger	A47D 13/086
			D21/432
D571,863 S *	6/2008	On	D21/424
D597,146 S *	7/2009	Verlinden	D21/432
D597,147 S *	7/2009	Verlinden	D21/432
D653,294 S	1/2012	Loveland et al.	
8,191,931 B1 *	6/2012	Mulder	B62K 19/14
			D12/111
D671,173 S *	11/2012	Tompkin	D21/432
D673,623 S *	1/2013	De Roeck	D21/435
D701,271 S *	3/2014	Grout	D21/426

**DESCRIPTION**

FIG. 1 is a perspective view of a foot-propelled vehicle showing our new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a left side view thereof;  
FIG. 5 is a right side view thereof;  
FIG. 6 is a top view thereof;  
FIG. 7 is a bottom view thereof;  
FIG. 8 is a perspective view of a second embodiment thereof;  
FIG. 9 is a front view thereof;  
FIG. 10 is a rear view thereof;  
FIG. 11 is a left side view thereof;  
FIG. 12 is a right side view thereof;  
FIG. 13 is a top view thereof; and,  
FIG. 14 is a bottom view thereof.  
The broken lines illustrate structure or features which form no part of the claimed design.

(Continued)

**1 Claim, 12 Drawing Sheets**



(56)

**References Cited**

## U.S. PATENT DOCUMENTS

D716,878 S \* 11/2014 Wu ..... D21/432  
D825,395 S \* 8/2018 Gafni ..... D21/432  
D828,786 S \* 9/2018 Baker ..... D12/111  
D842,384 S \* 3/2019 Kirchschrager ..... D21/419  
D864,796 S \* 10/2019 Grossjohann ..... D21/435  
D877,815 S \* 3/2020 Aslan ..... D21/426  
D888,838 S \* 6/2020 De Roeck ..... D21/426  
D896,319 S \* 9/2020 Jiang ..... D21/432  
D900,681 S \* 11/2020 Liu ..... D12/111  
D903,003 S \* 11/2020 Zemskov ..... D21/424  
D910,767 S \* 2/2021 Yang ..... D21/432  
D947,952 S \* 4/2022 Xie ..... D21/432  
2005/0077699 A1 \* 4/2005 Damon ..... B62K 21/00  
280/270  
2012/0043734 A1 2/2012 Loveland  
2014/0217694 A1 \* 8/2014 Fitzwater ..... B62K 9/00  
280/210  
2014/0265204 A1 \* 9/2014 Lanser ..... F41A 23/34  
280/124.103  
2016/0200389 A1 \* 7/2016 Chen ..... B62K 13/00  
280/639  
2016/0362157 A1 \* 12/2016 McDonald ..... B62M 1/18  
2017/0203808 A1 7/2017 Loveland et al.  
2017/0291629 A1 \* 10/2017 O Connell ..... B62K 15/006

\* cited by examiner

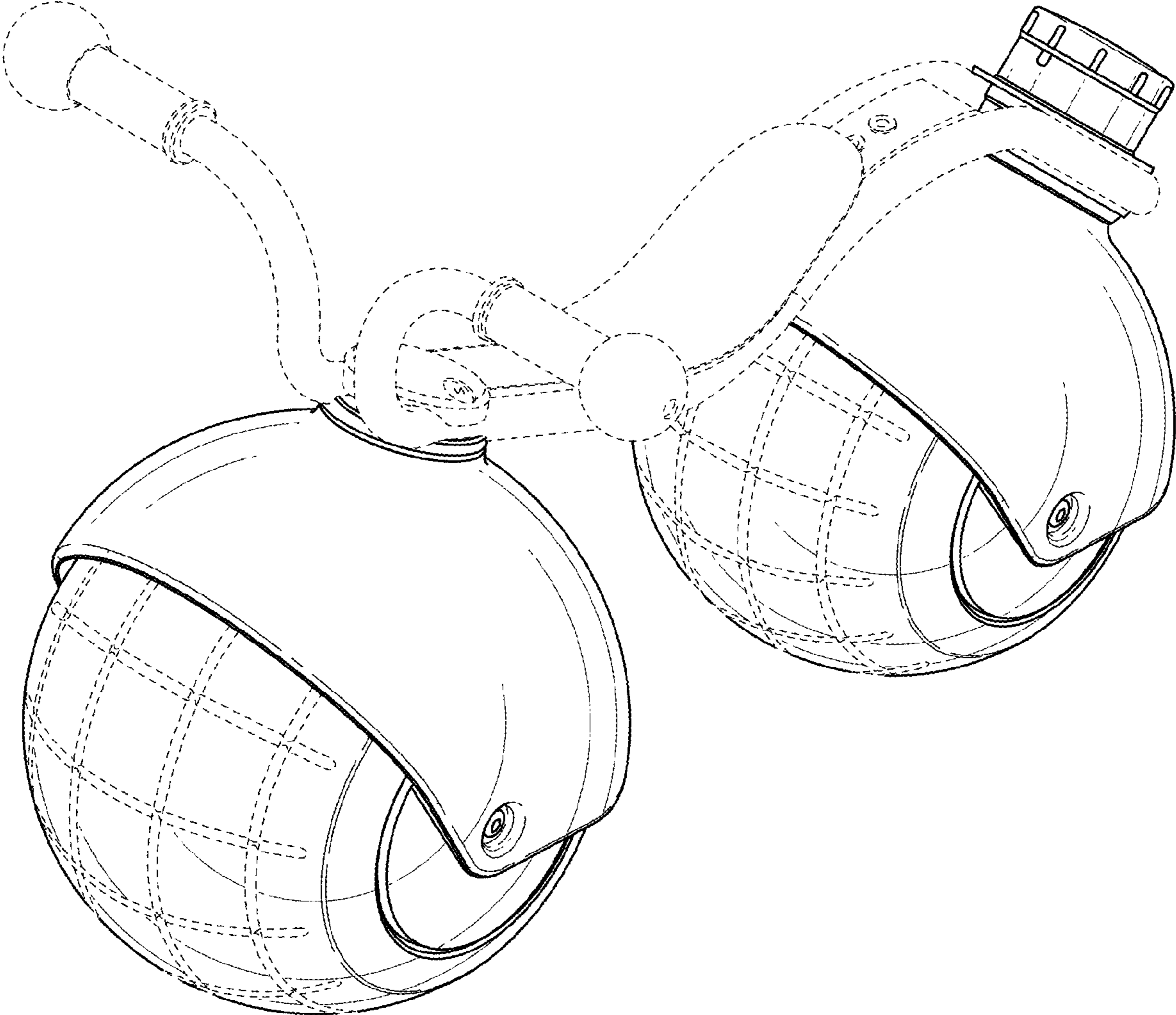


FIG. 1

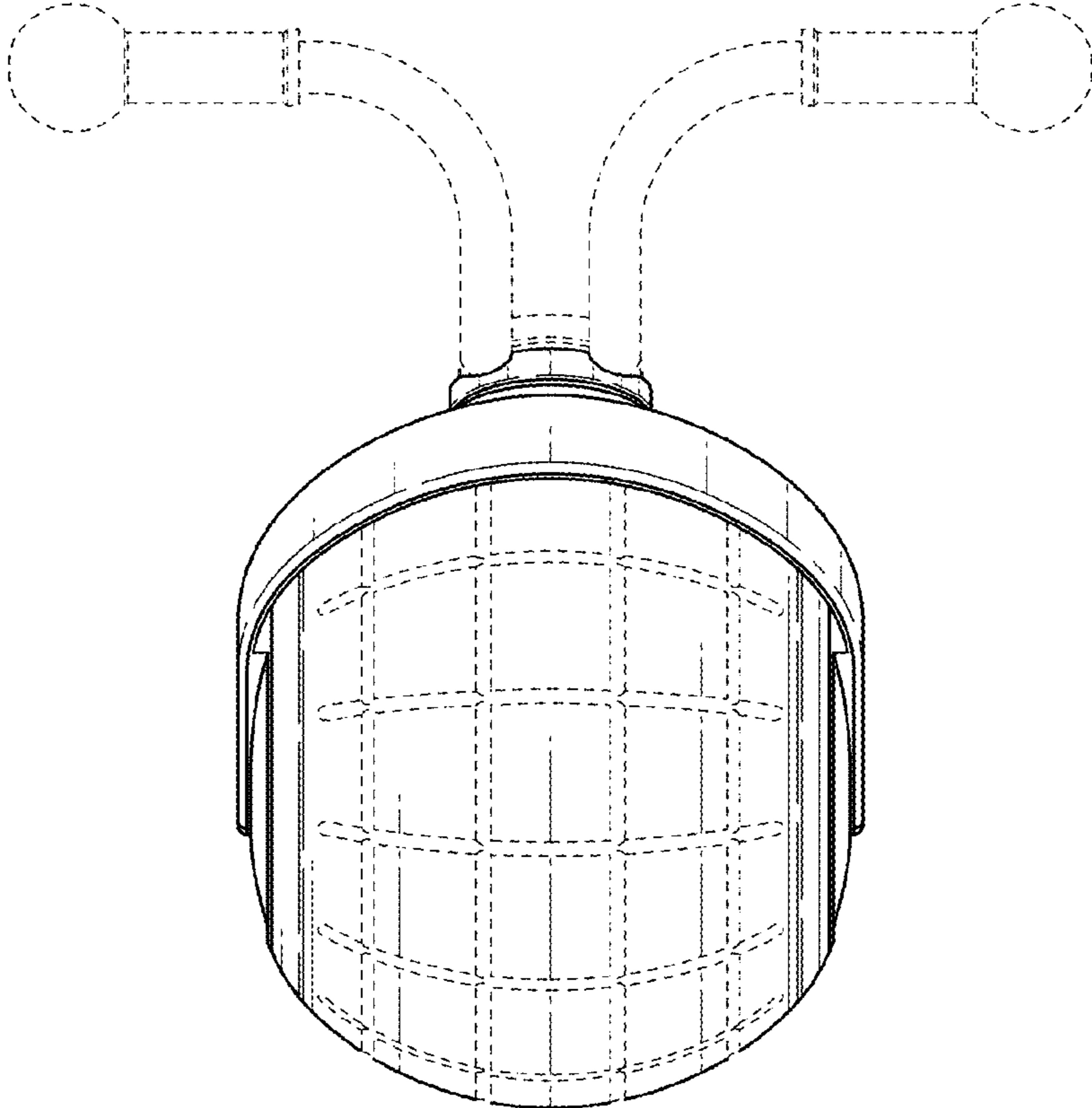


FIG. 2

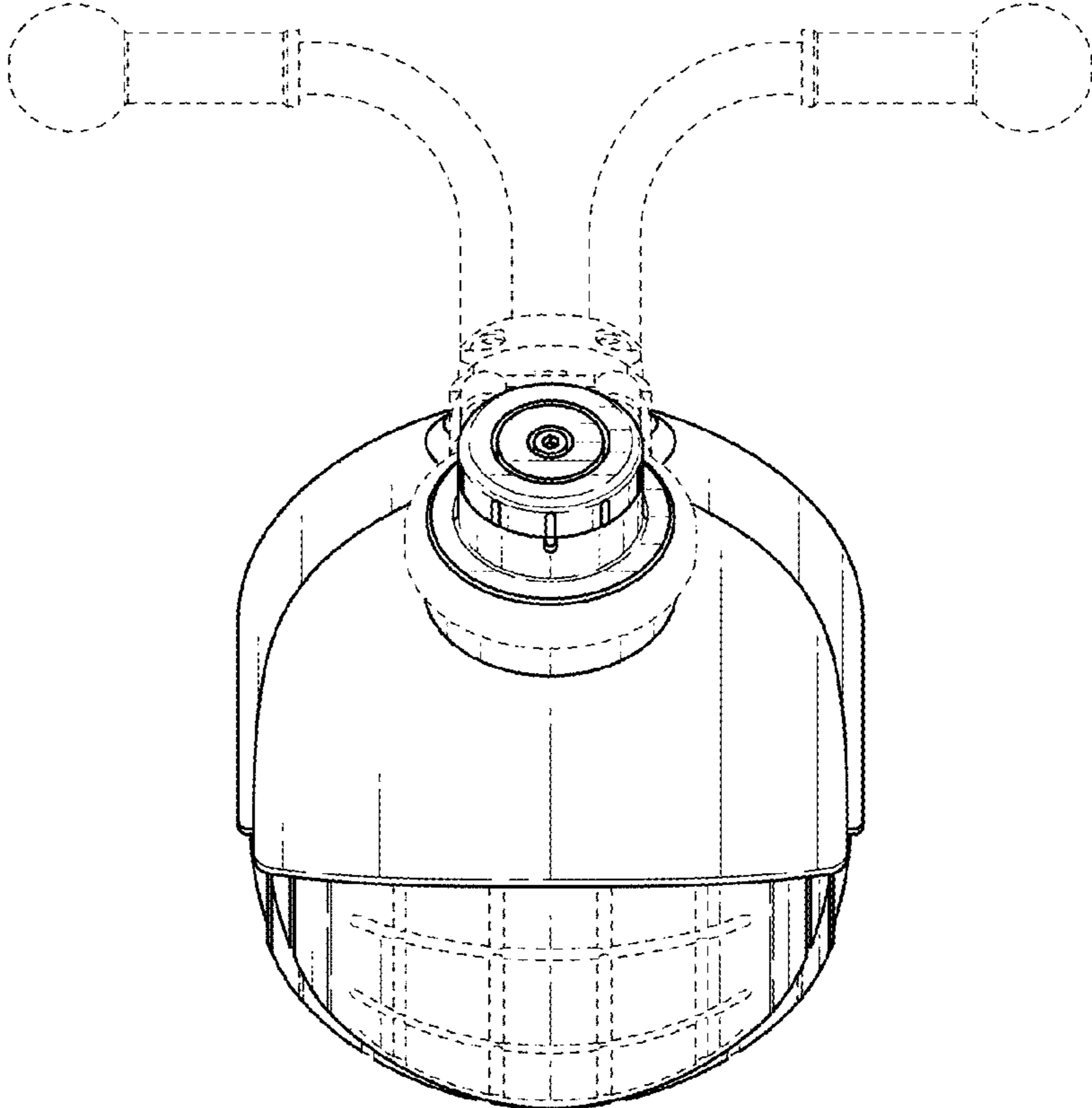


FIG. 3

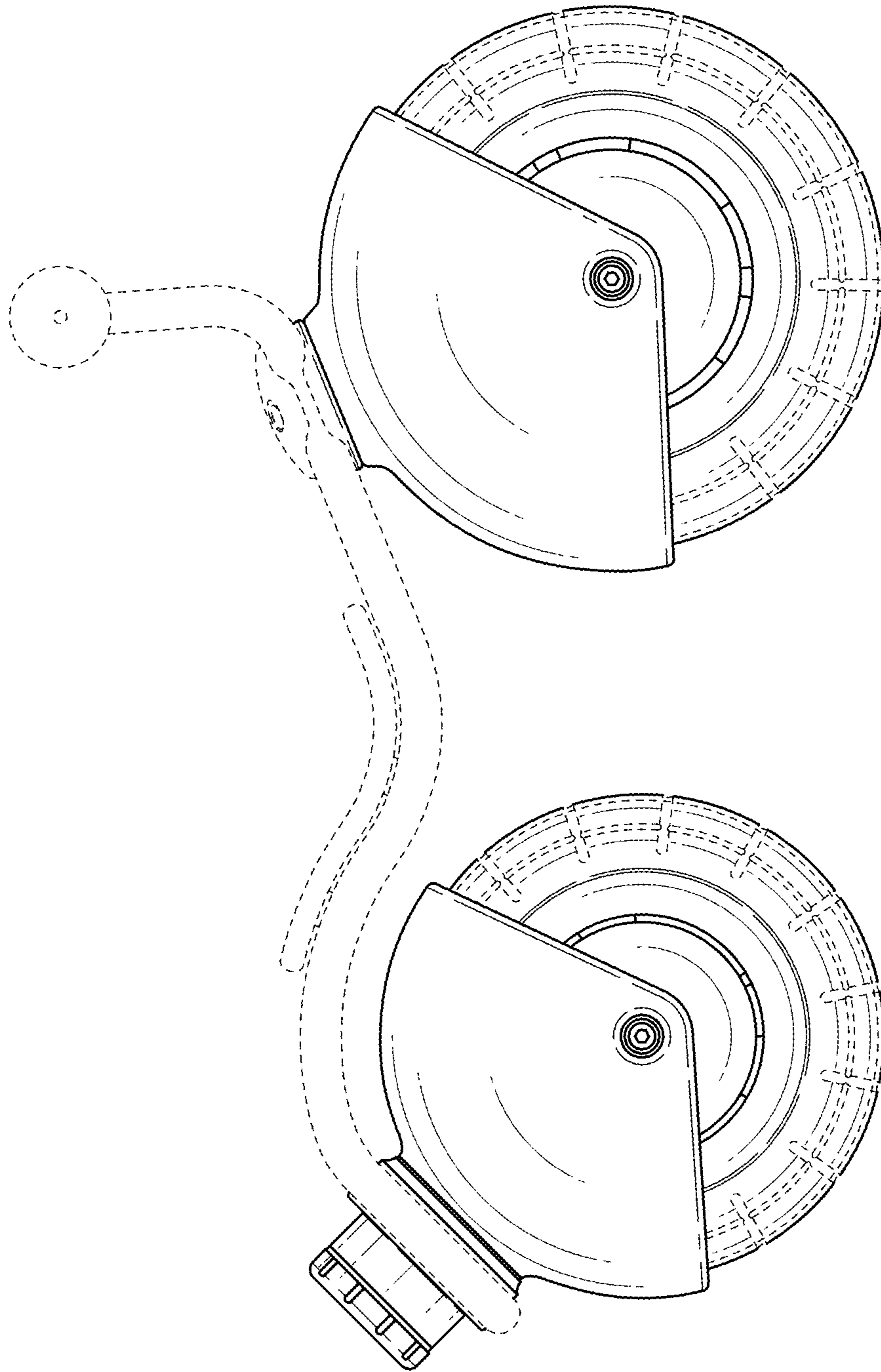


FIG. 4

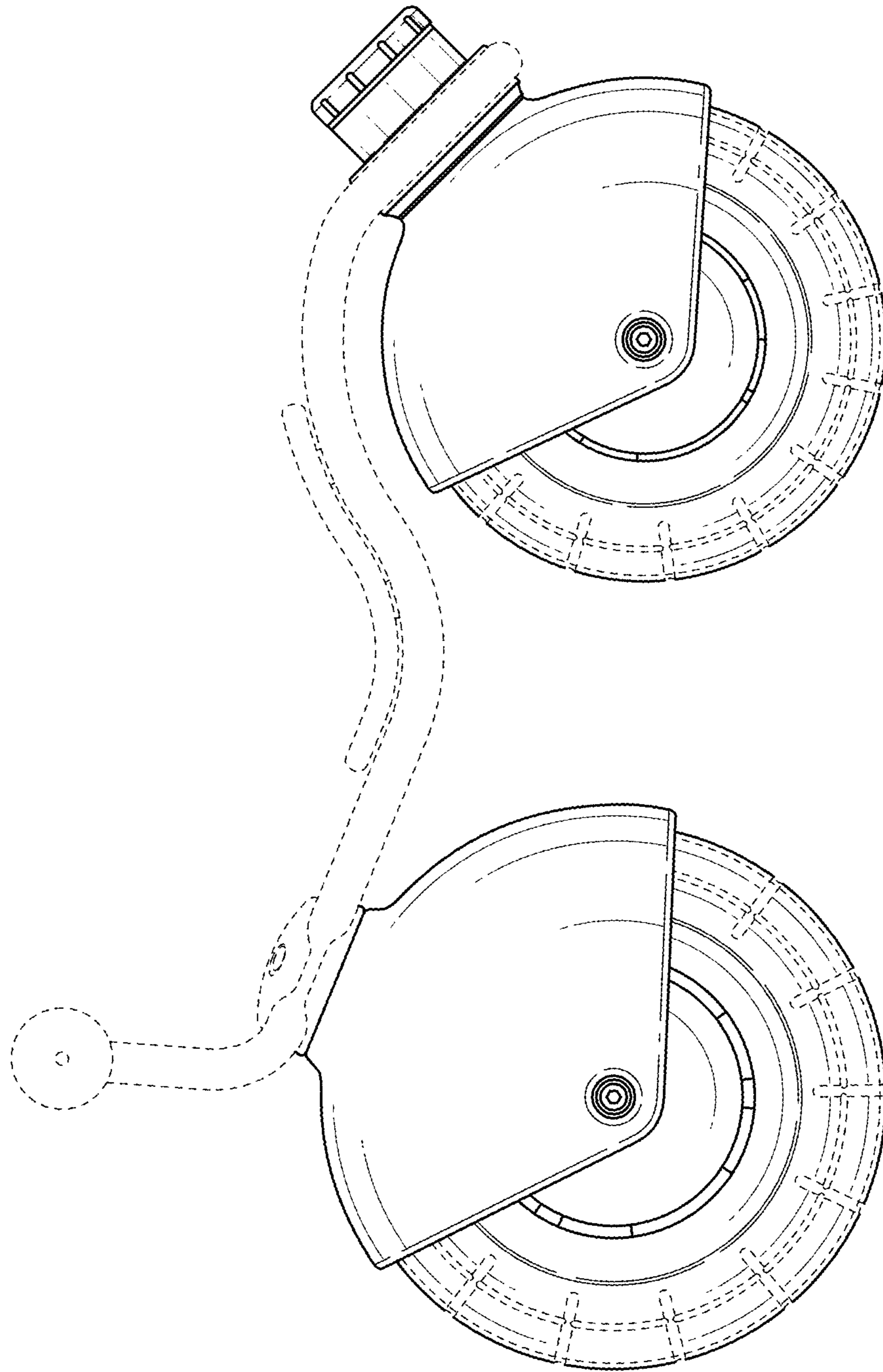


FIG. 5

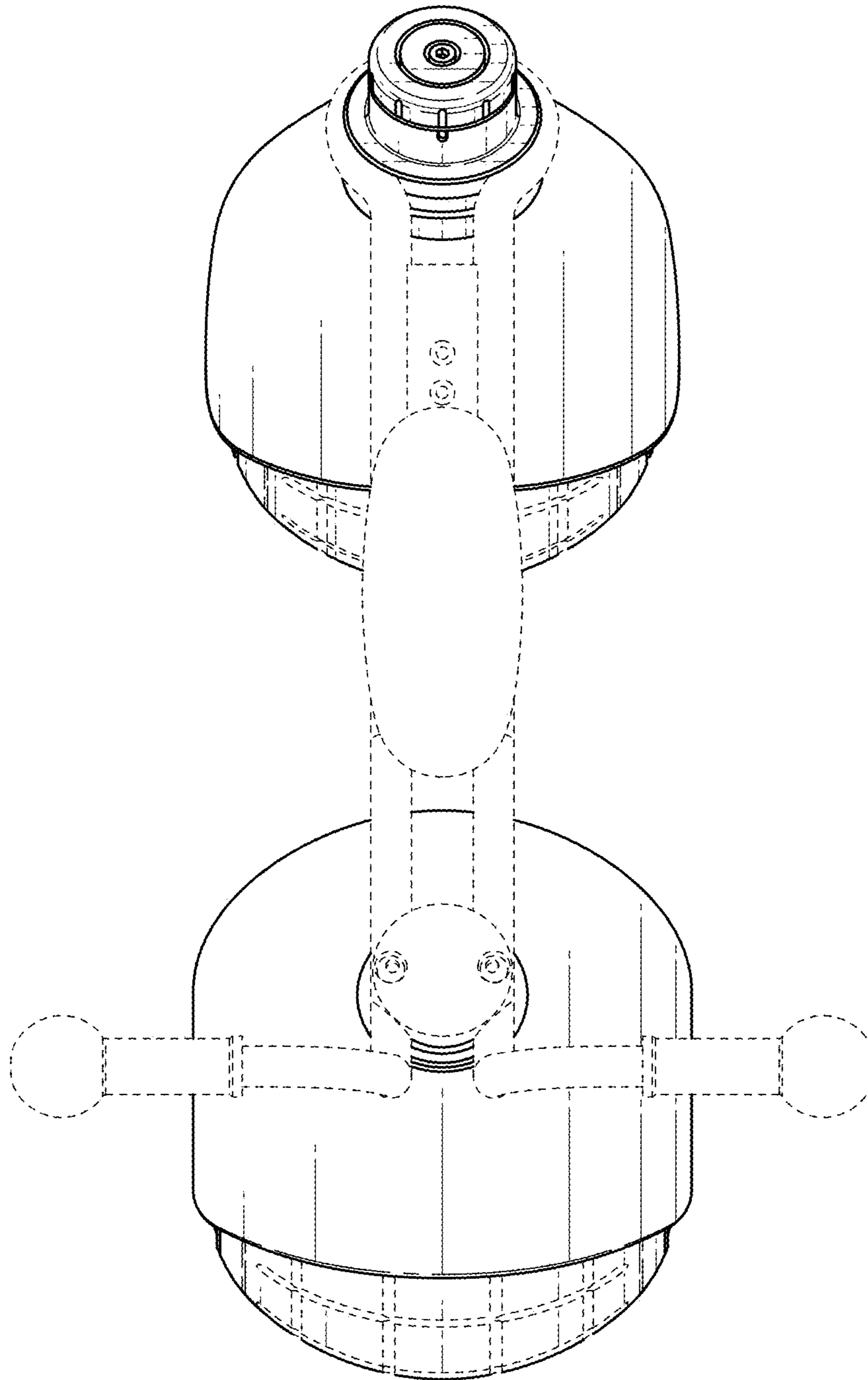


FIG. 6

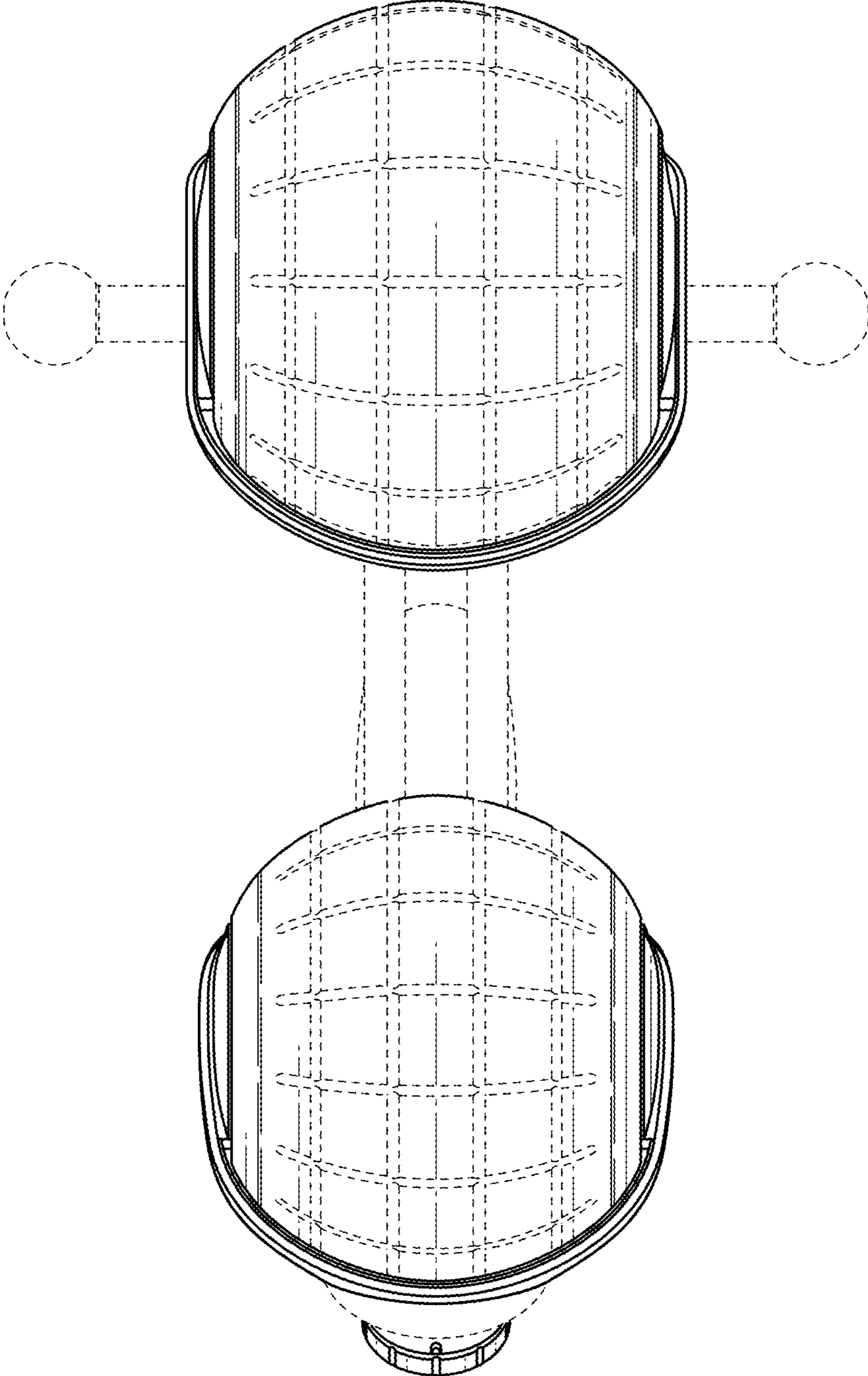


FIG. 7



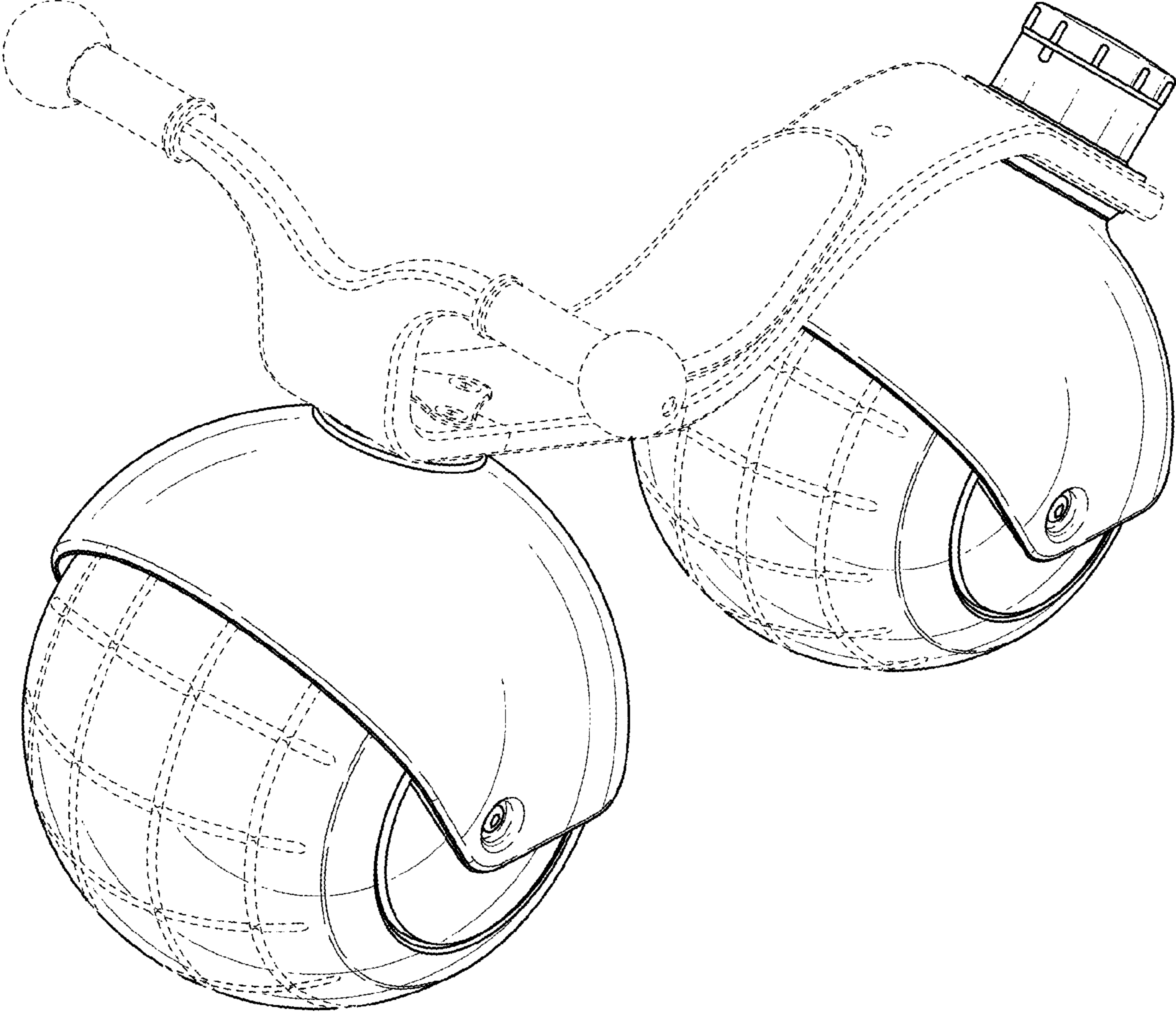


FIG. 8

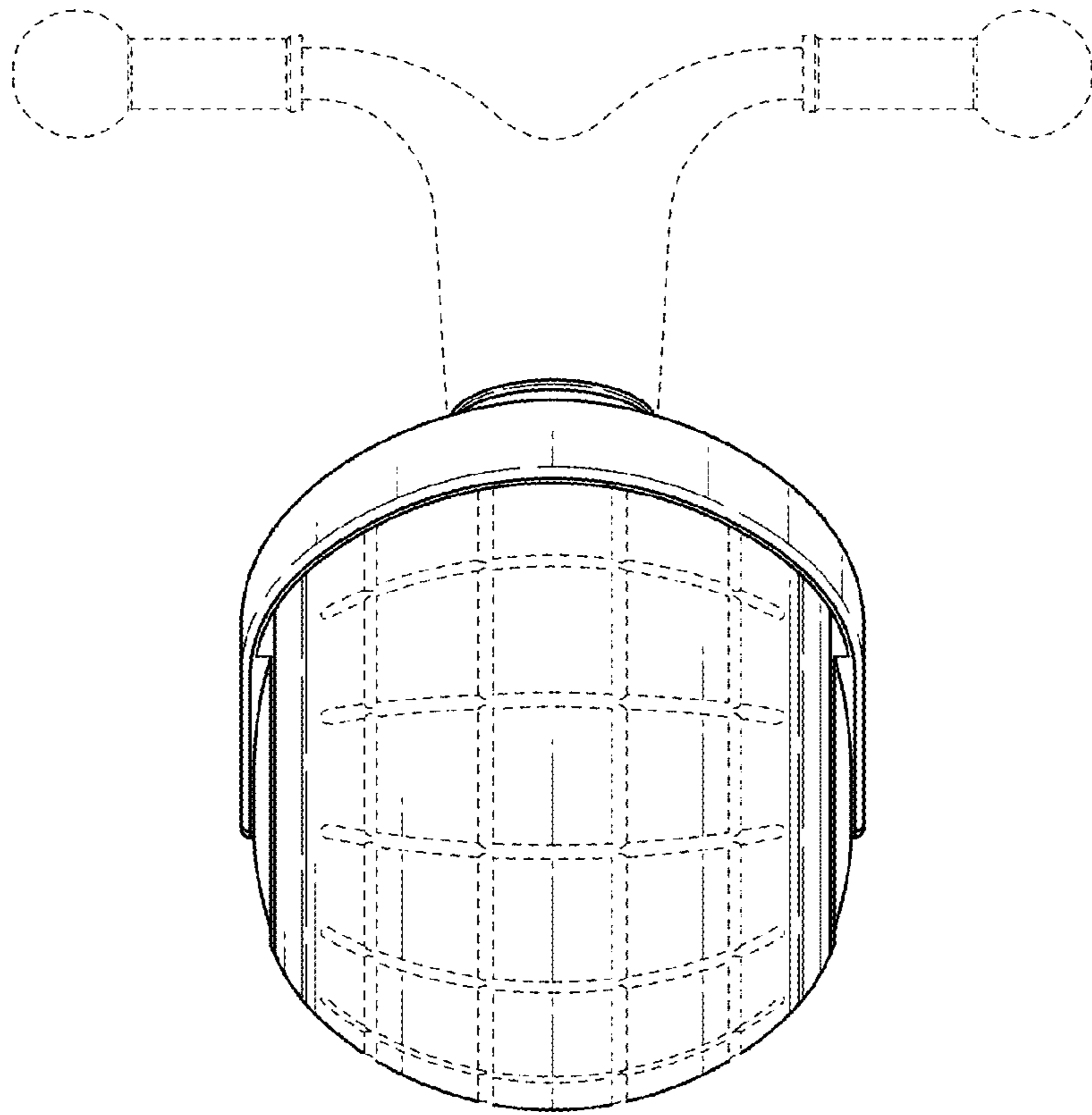


FIG. 9

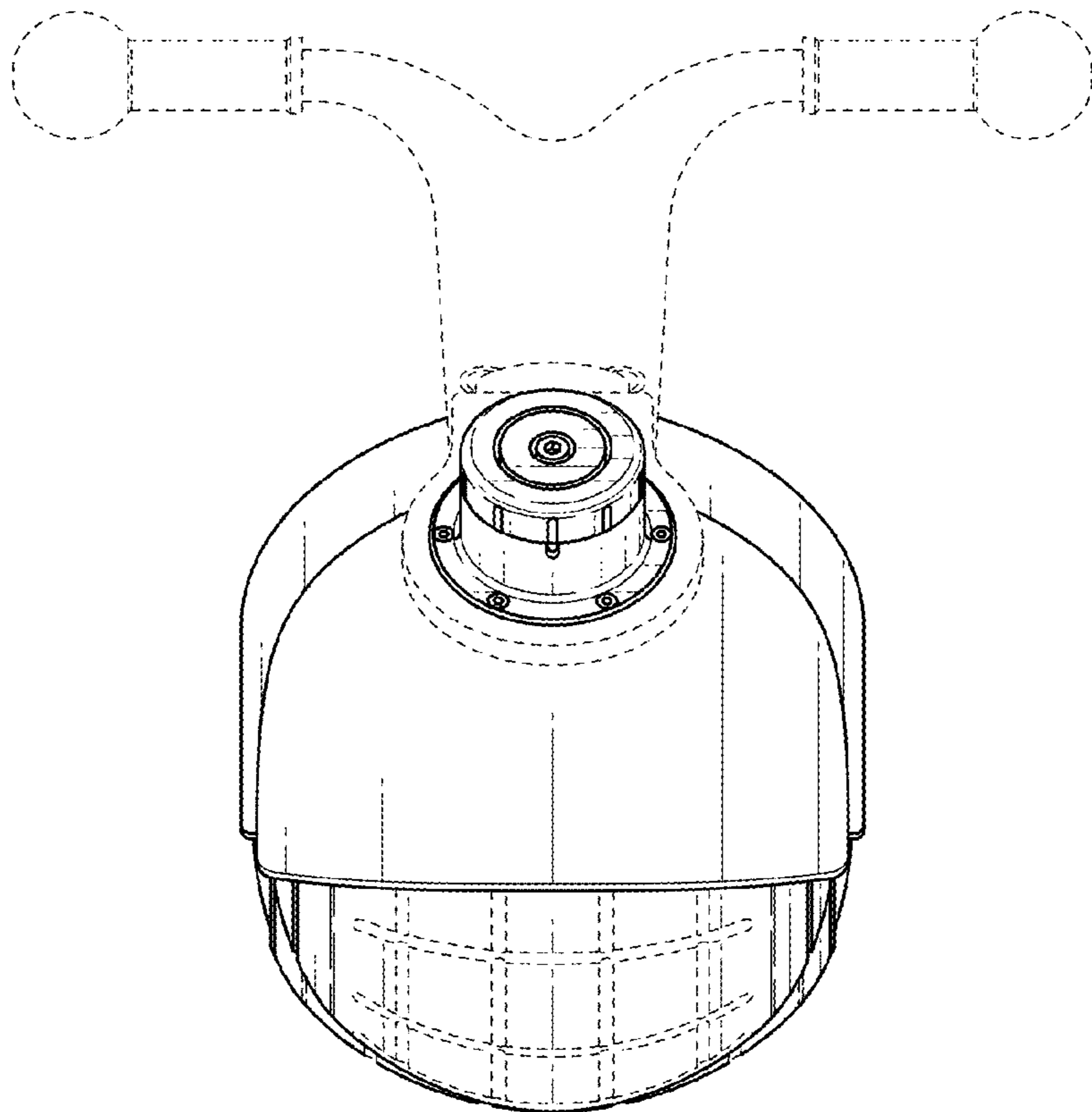


FIG. 10

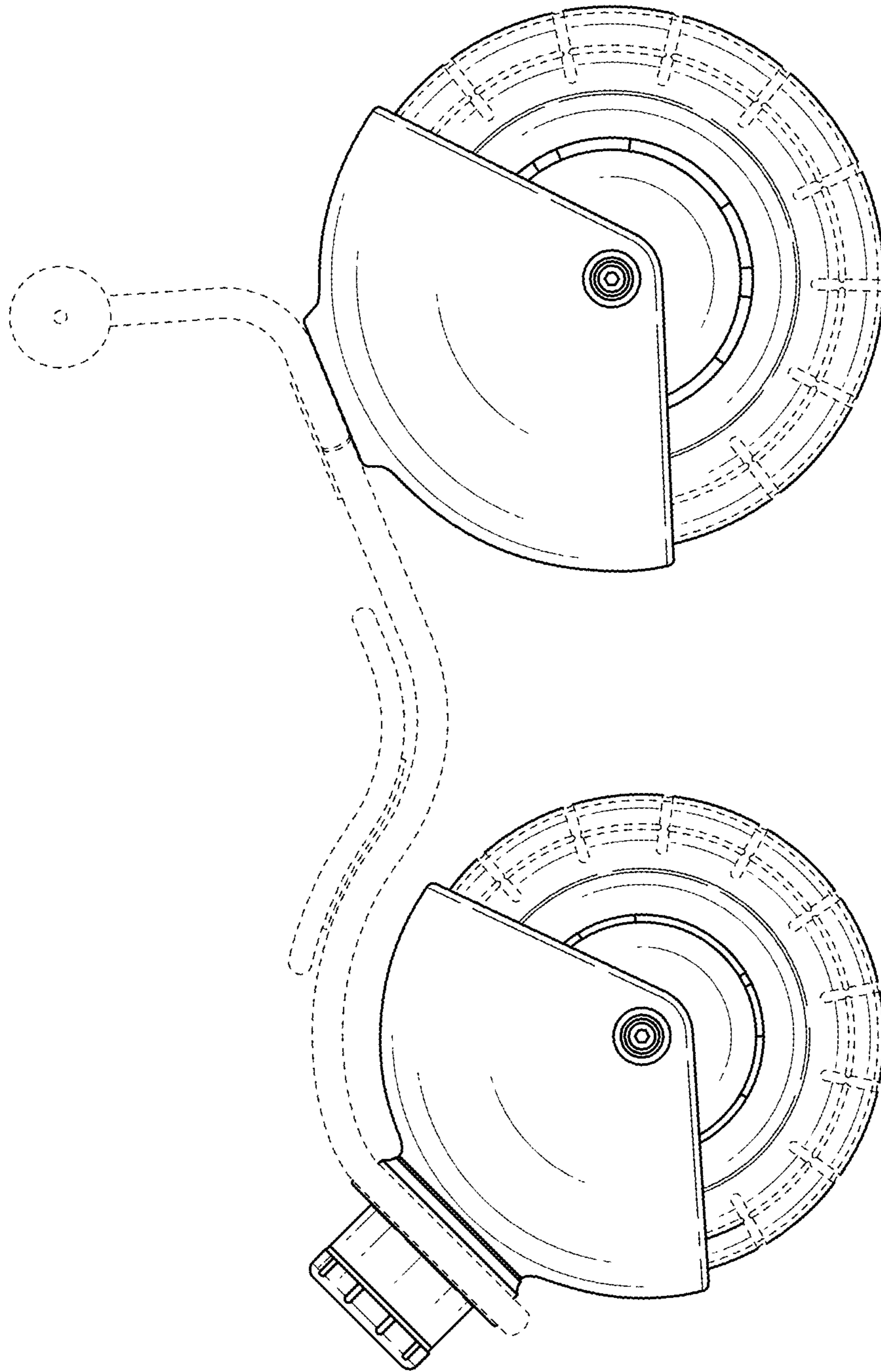


FIG. 11

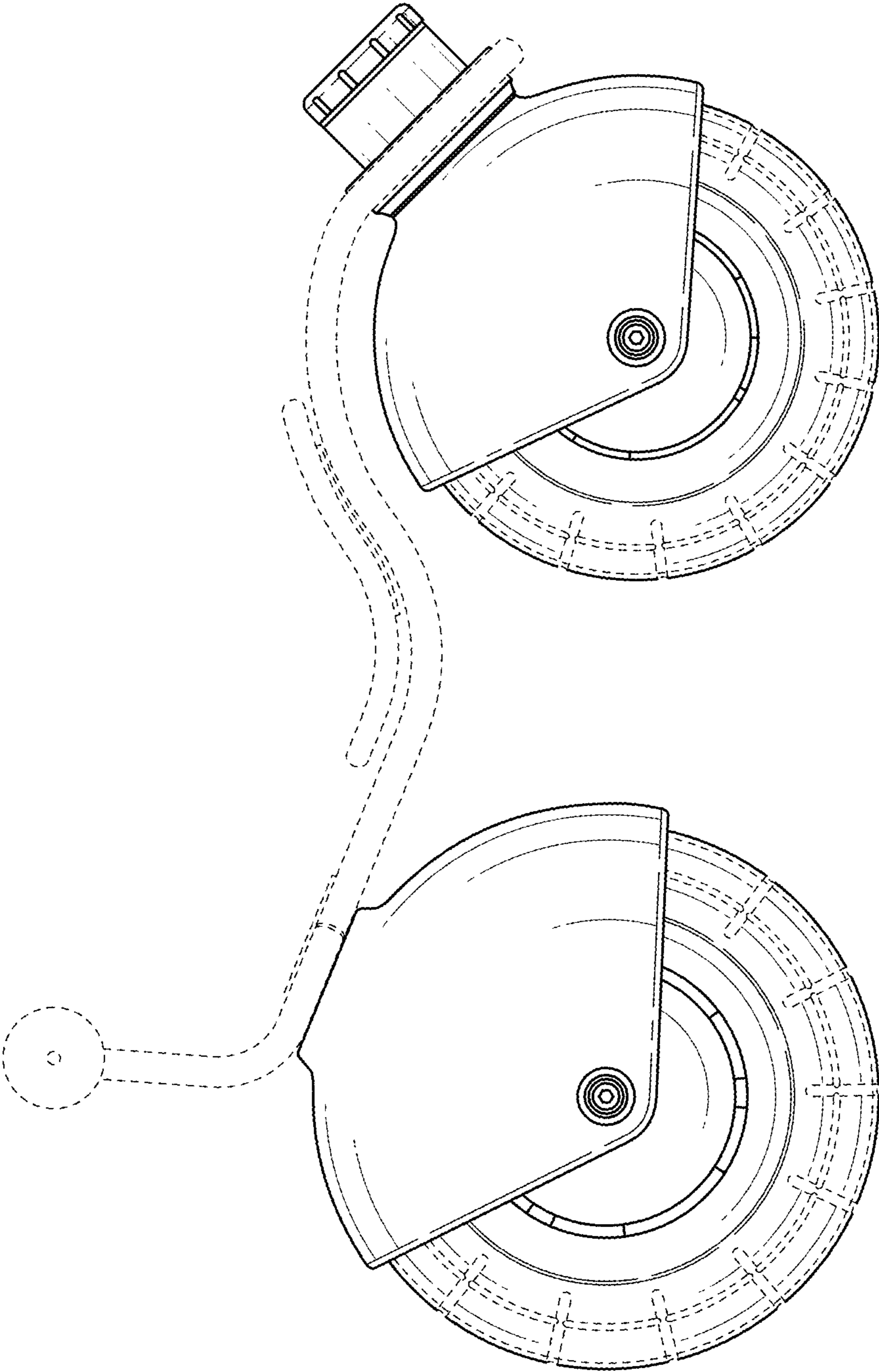


FIG. 12

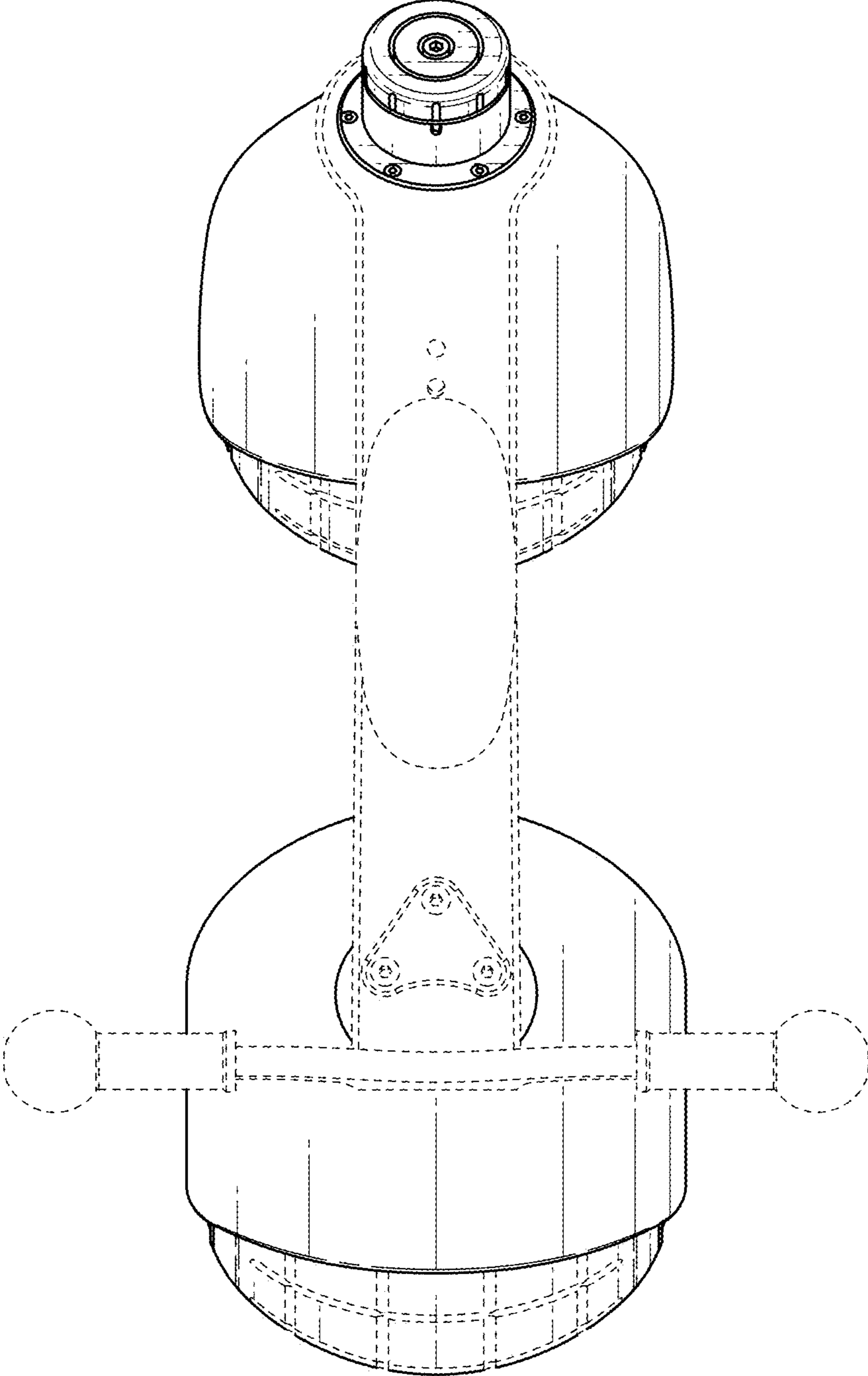


FIG. 13

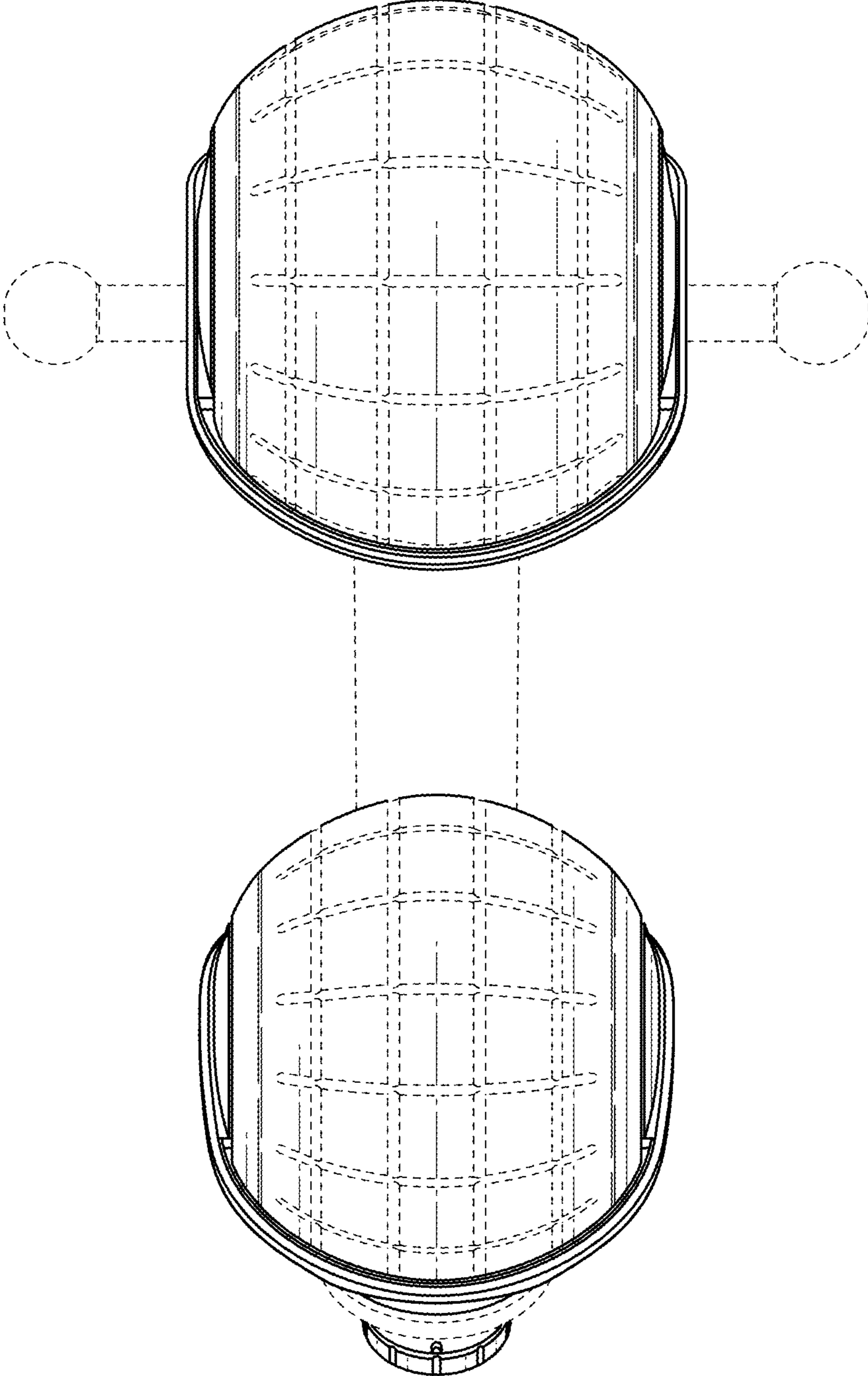


FIG. 14