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

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- (54) **OMNIDIRECTIONAL WALKING SIMULATOR**
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- (72) Inventor: **Bo Wang**, Hangzhou (CN)
- (73) Assignee: **Hangzhou Virtual And Reality Technology Co., LTD.**, Hangzhou (CN)
- (\*\*) Term: **15 Years**
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- (22) Filed: **Jun. 24, 2020**
- (51) **LOC (13) Cl.** ..... **21-01**
- (52) **U.S. Cl.**  
USPC ..... **D21/325**
- (58) **Field of Classification Search**  
USPC ..... D21/662, 686, 663, 666, 668, 670, 671,  
D21/672, 685, 697, 667, 325  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D380,508 S *	7/1997	Chang	.....	D21/688
D444,573 S *	7/2001	Owens	.....	D25/62
D538,358 S *	3/2007	Glier	.....	D21/662
D640,335 S *	6/2011	Aboody	.....	D21/662
8,016,732 B2 *	9/2011	Susnjara	.....	A63B 22/14 482/142
D870,730 S *	12/2019	Wang	.....	D14/388
2006/0139317 A1 *	6/2006	Leu	.....	G06F 3/011 345/156
2008/0280740 A1 *	11/2008	Knecht	.....	A63B 22/18 482/146
2009/0111670 A1 *	4/2009	Williams	.....	G06F 3/011 482/146

2013/0237378 A1 *	9/2013	Carrell	.....	A63C 17/061 482/51
2014/0111424 A1 *	4/2014	Goetgeluk	.....	A63B 71/0622 345/156
2016/0035228 A1 *	2/2016	Cakmak	.....	A63F 13/42 434/247

(Continued)

**OTHER PUBLICATIONS**

KatwalkC, announced Jun. 16, 2020[online], [site visited Jan. 4, 2022]. Available on internet, URL:https://www.youtube.com/watch?v=JSiudl99eJY (Year: 2020).\*

(Continued)

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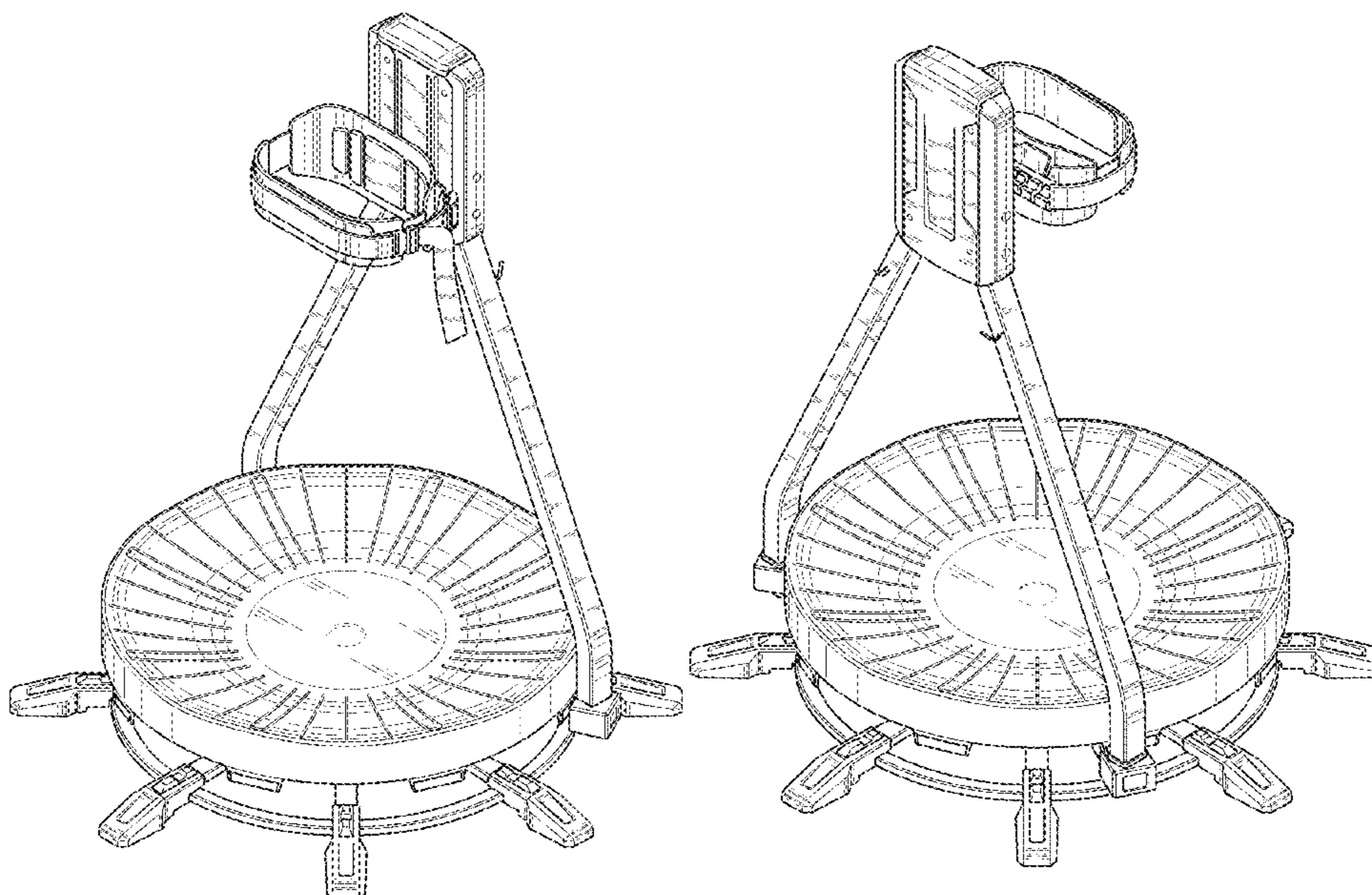
(57) **CLAIM**

The ornamental design for an omnidirectional walking simulator, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of an omnidirectional walking simulator showing my 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; and,  
FIG. 8 is a rear perspective view thereof.  
The broken lines depict portions of the omnidirectional walking simulator in which the design is embodied that form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

2019/0381357 A1\* 12/2019 Blinova ..... A63B 22/18

OTHER PUBLICATIONS

Katwalkmini, announced 2018[online], [site visited Jan. 4, 2022]. Available on internet, URL:<https://www.youtube.com/watch?v=vEhwLRX4m2s> (Year: 2018).\*

Virtuix mini, announced 2017[online], [site visited Jan. 4, 2022]. Available on internet, URL:[https://en.wikipedia.org/wiki/Virtuix\\_Omni](https://en.wikipedia.org/wiki/Virtuix_Omni) (Year: 2017).\*

Bodt-virtuix omni, announced 2020[online], [site visited Jan. 4, 2022]. Available on internet, URL:<https://www.sciencedirect.com/science/article/pii/S1875952119301284> (Year: 2020).\*

\* cited by examiner

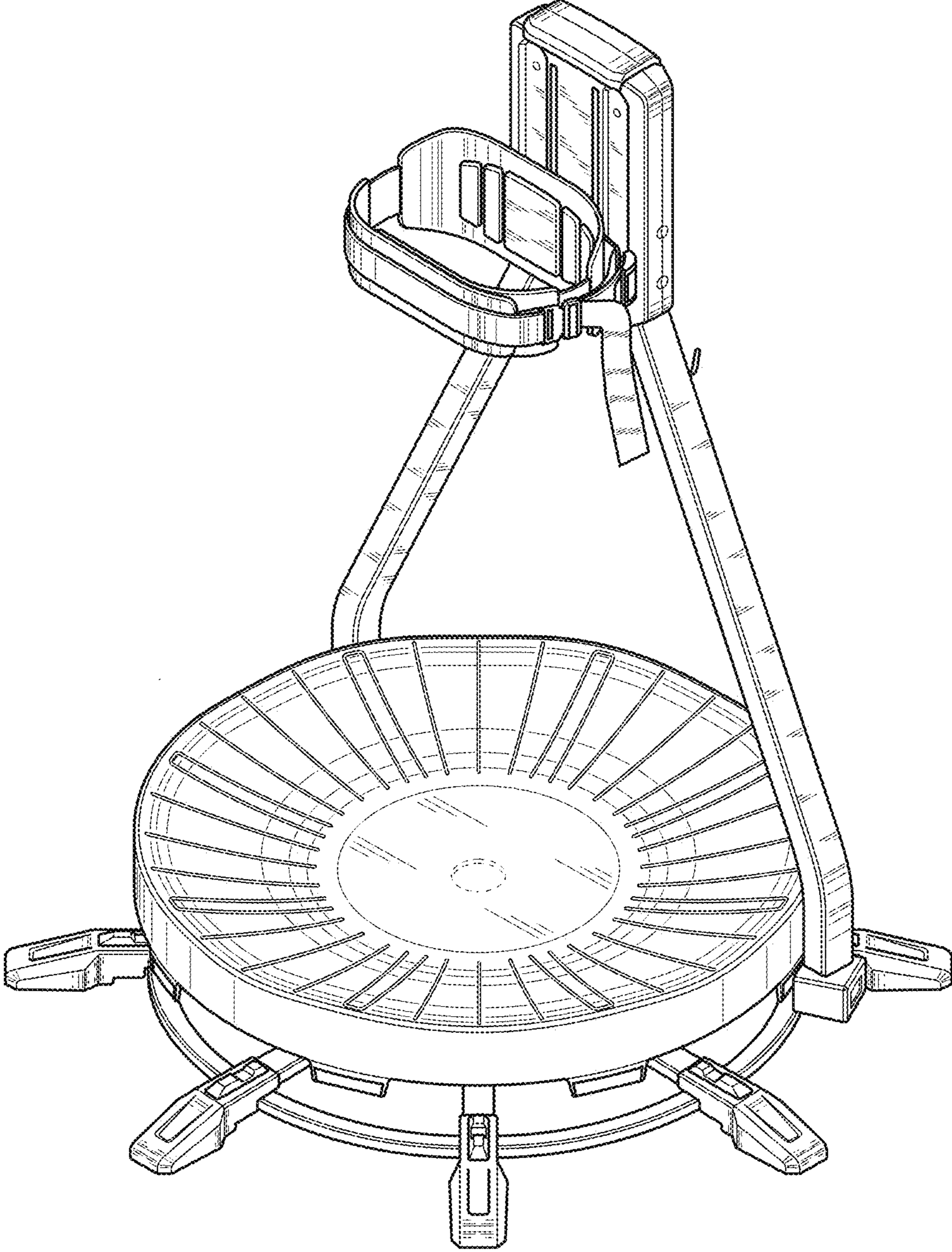


FIG. 1



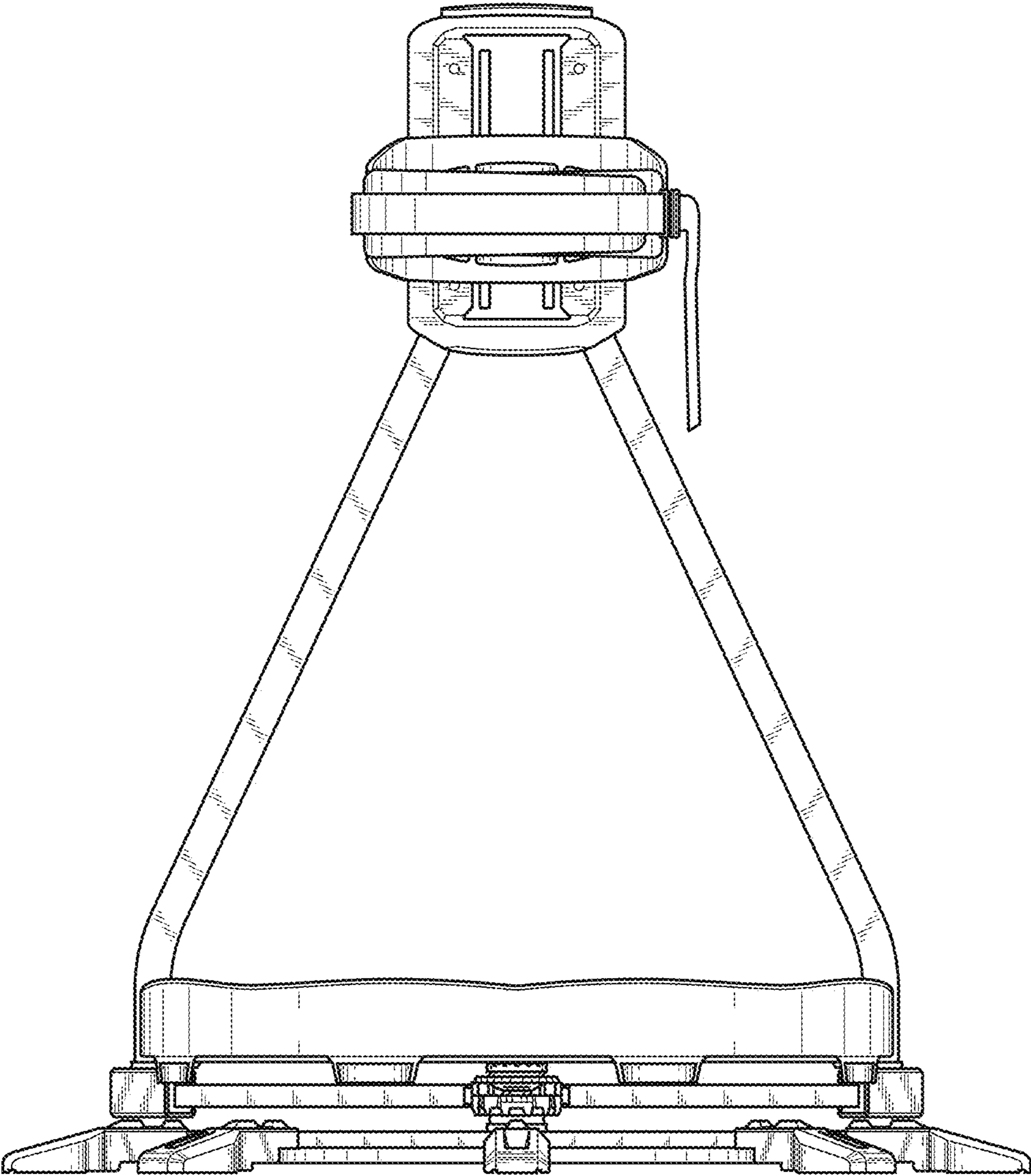


FIG. 2

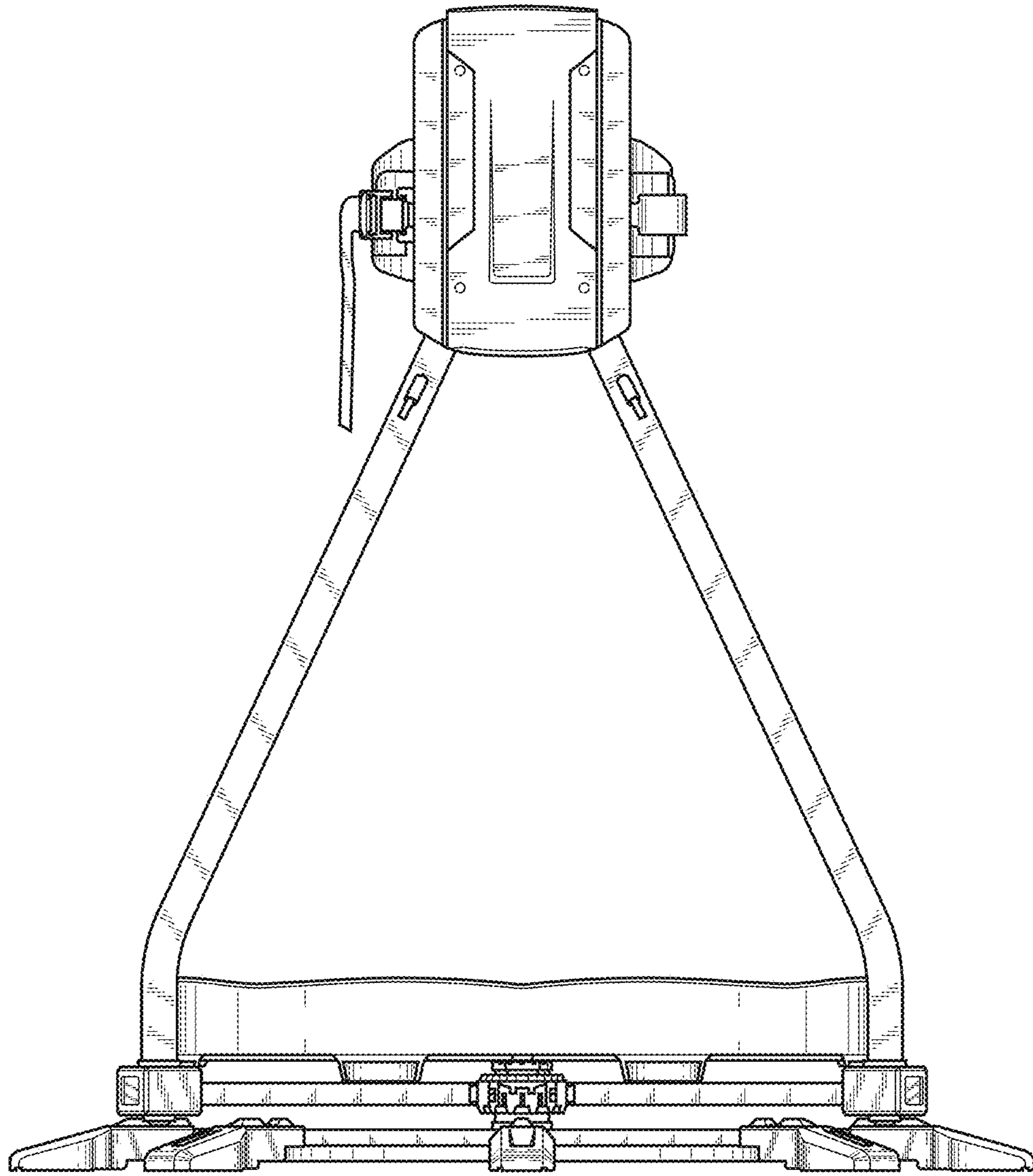


FIG. 3

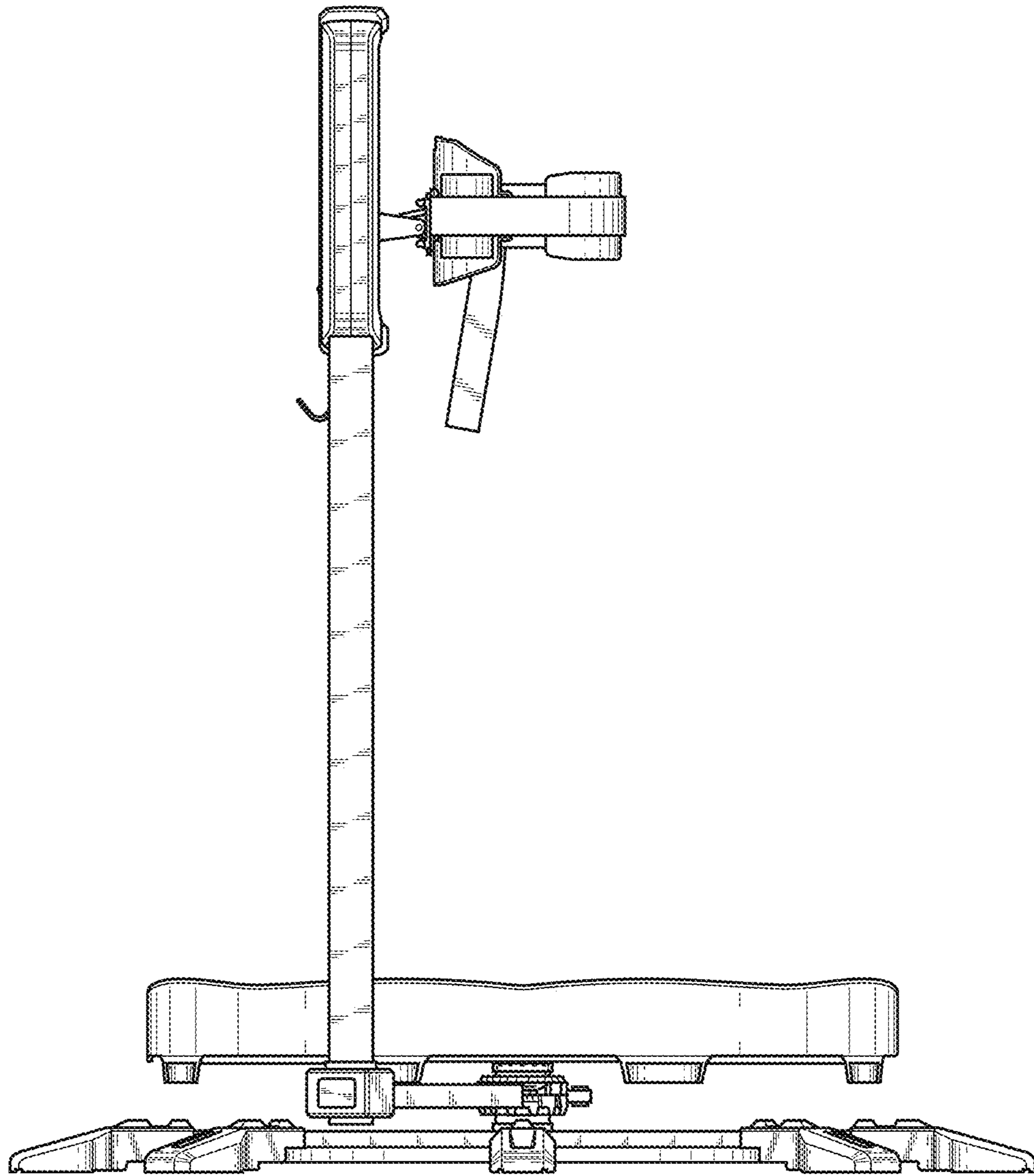


FIG. 4

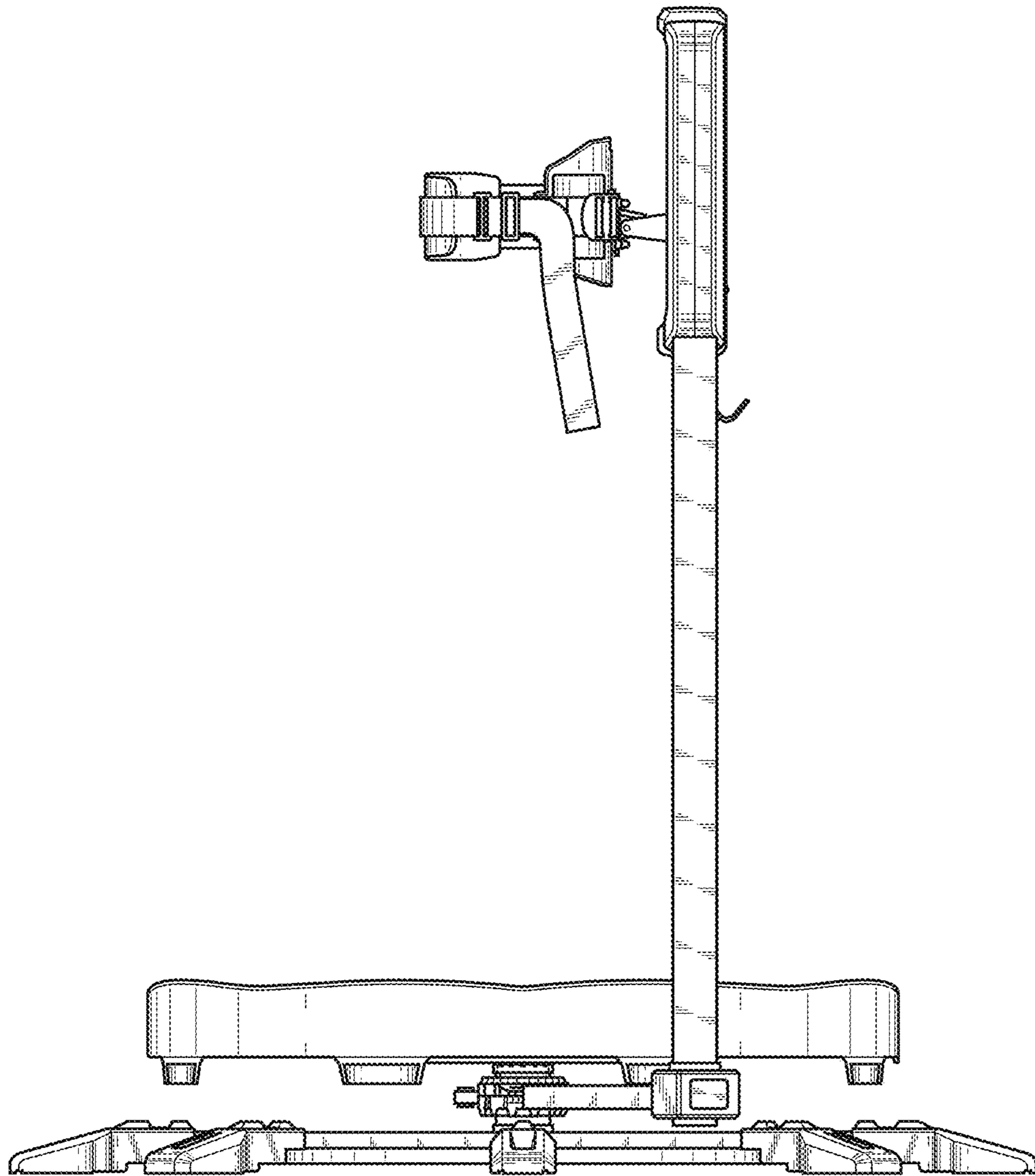


FIG. 5

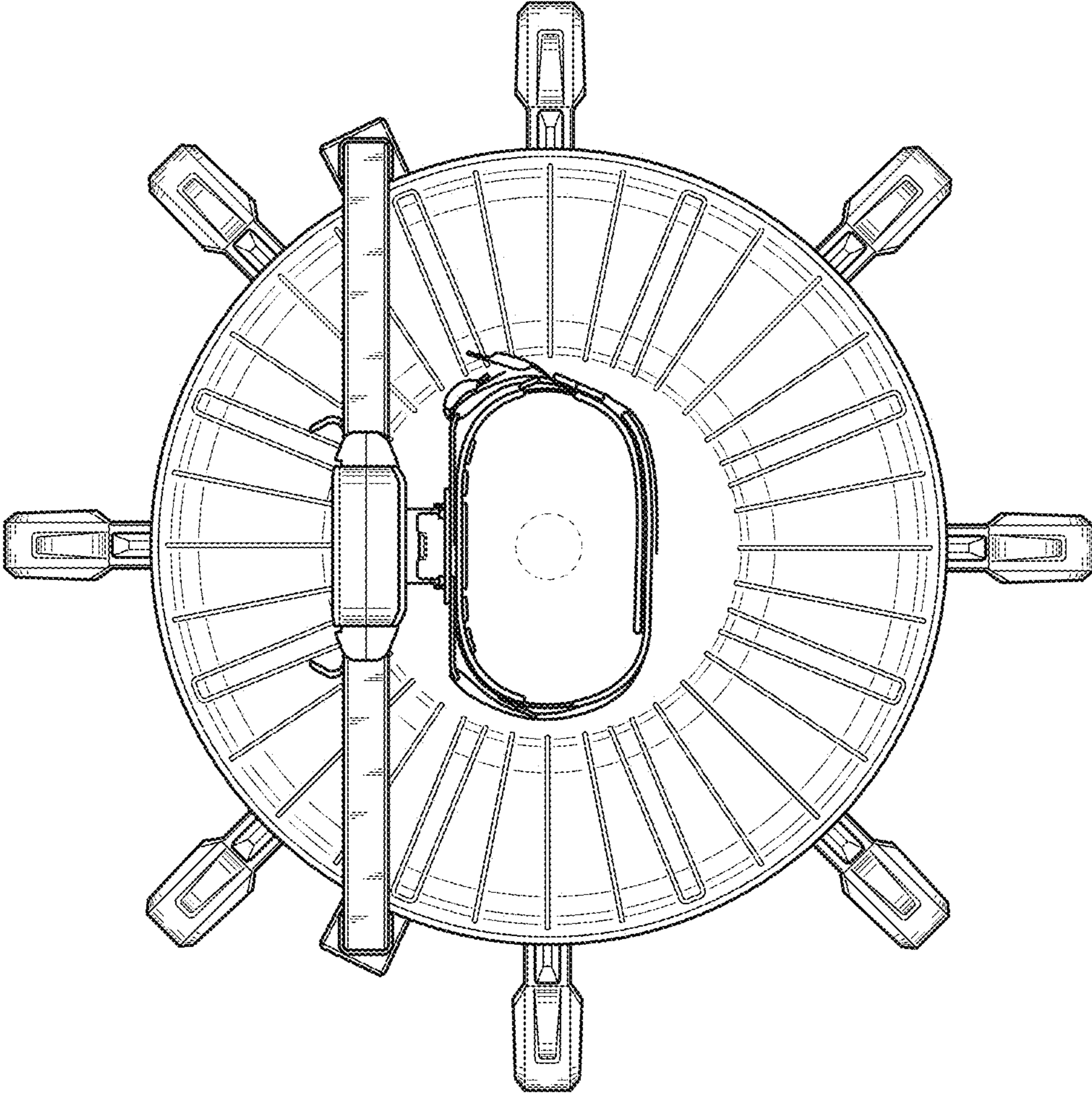


FIG. 6



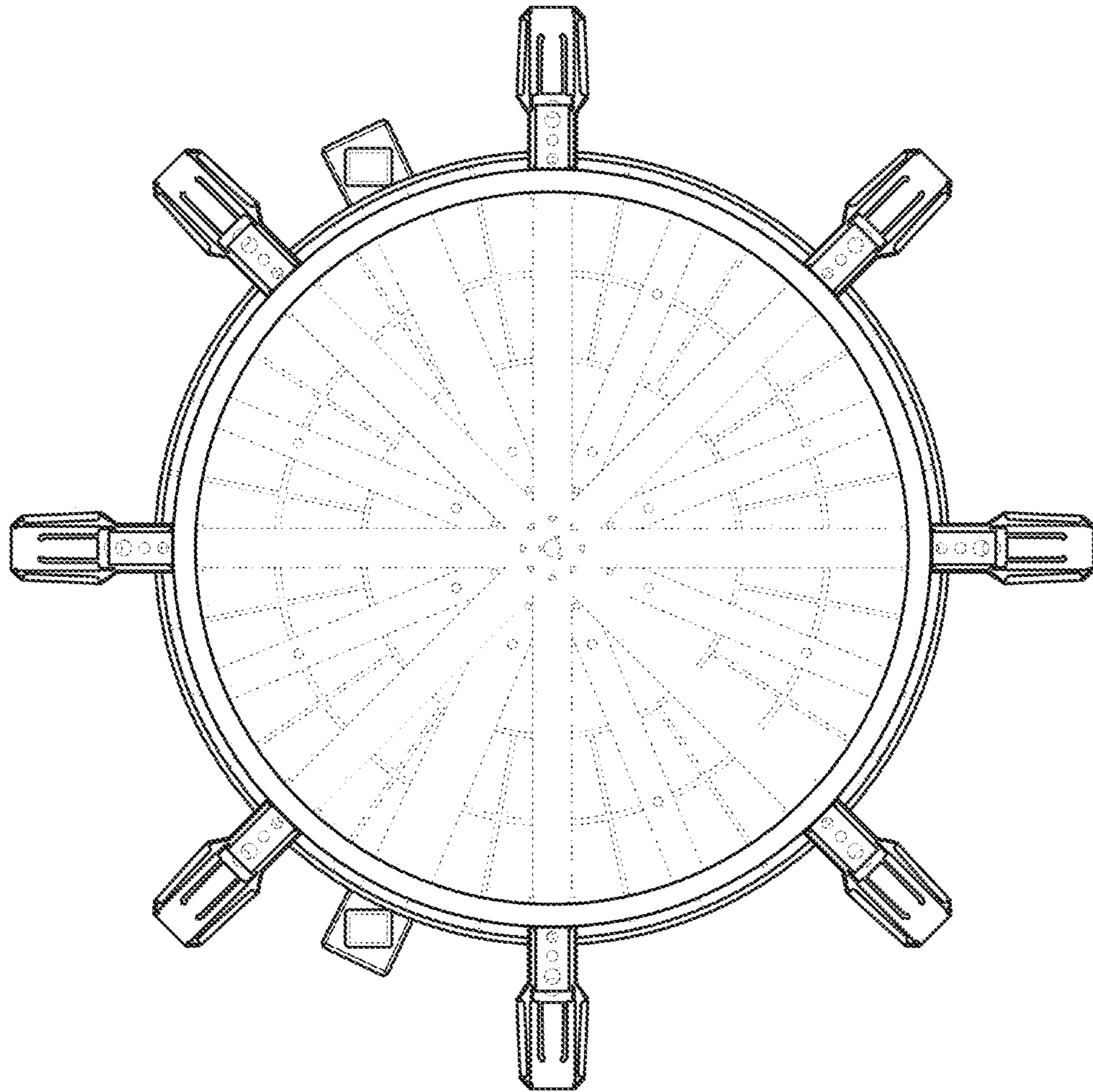


FIG. 7

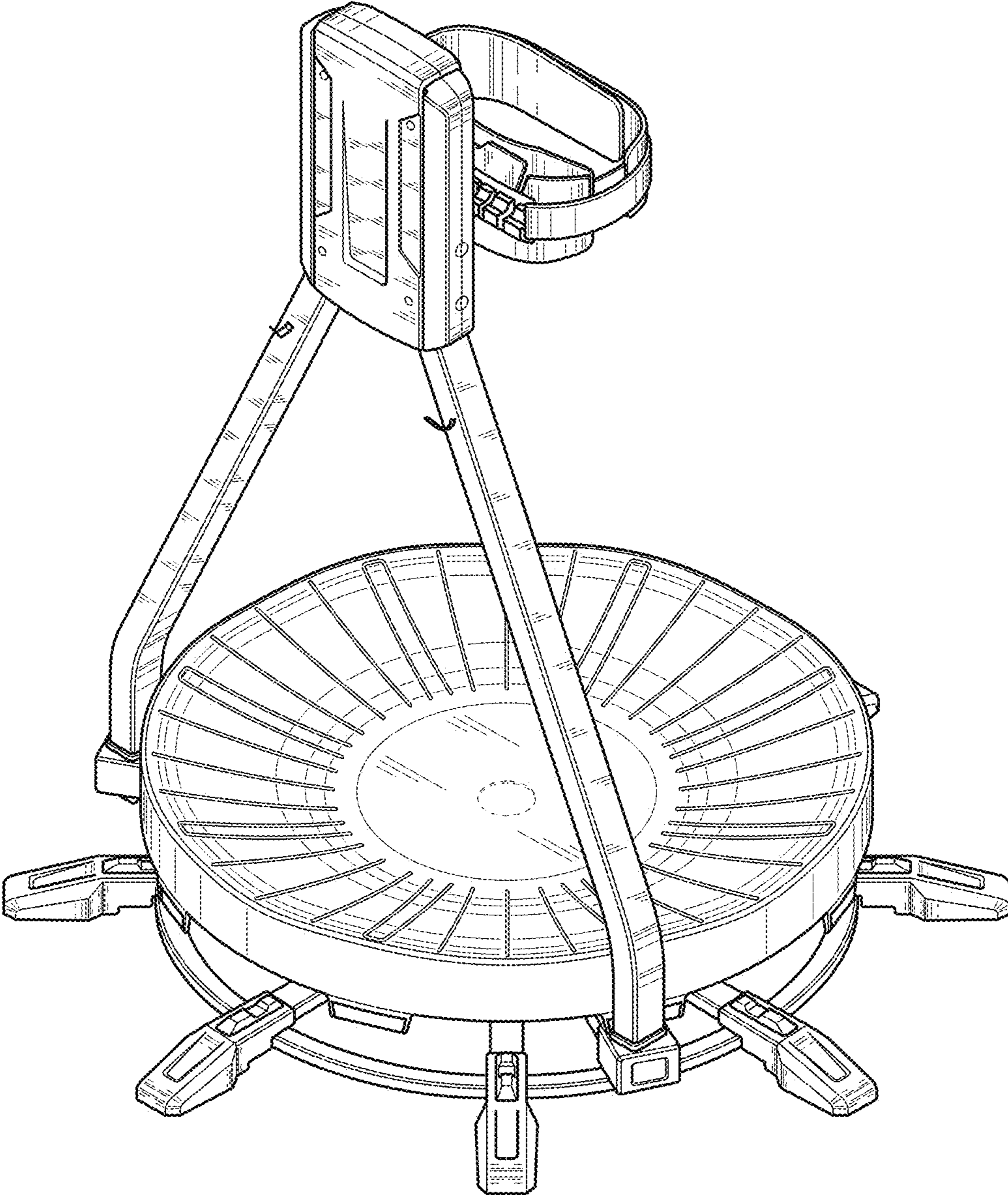


FIG. 8