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

(10) **Patent No.:** **US D955,486 S**
(45) **Date of Patent:** **** Jun. 21, 2022**

- (54) **OMNIDIRECTIONAL WALKING SIMULATOR**
- (71) Applicant: **Hangzhou Virtual And Reality Technology Co., LTD.**, Hangzhou (CN)
- (72) Inventor: **Bo Wang**, Hangzhou (CN)
- (73) Assignee: **Hangzhou Virtual And Reality Technology Co., LTD.**, Hangzhou (CN)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/739,322**
- (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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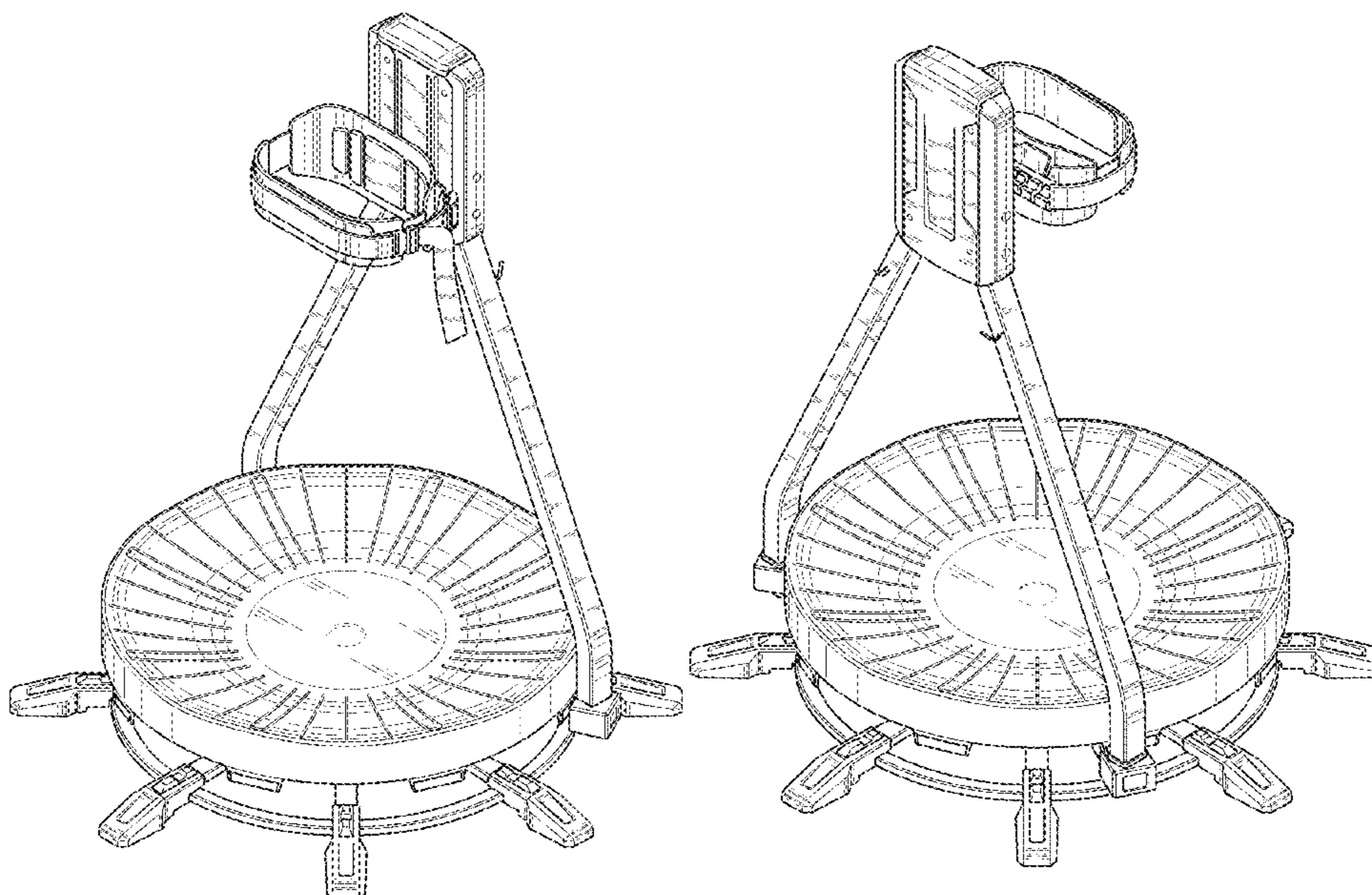
(57) **CLAIM**

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 (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

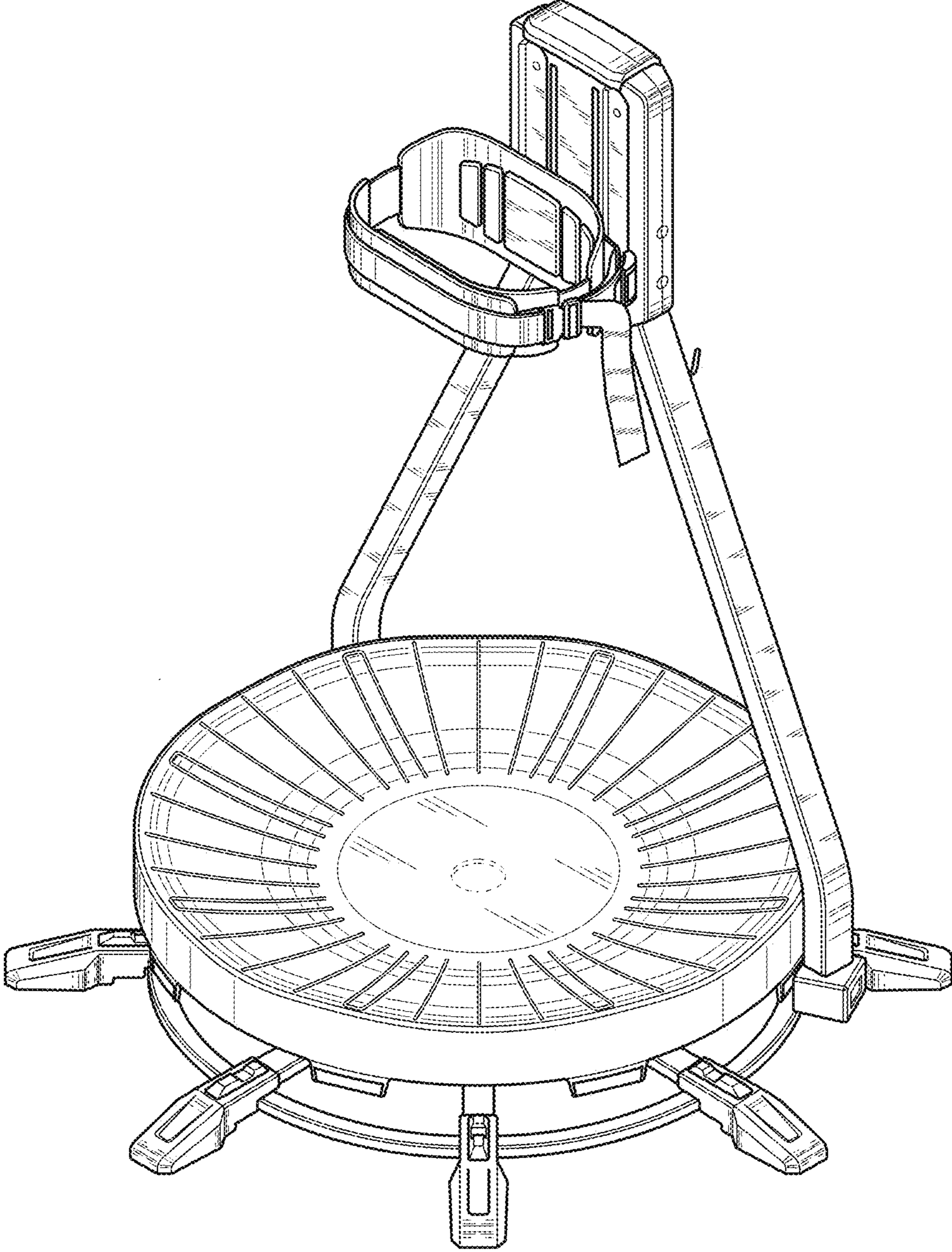


FIG. 1

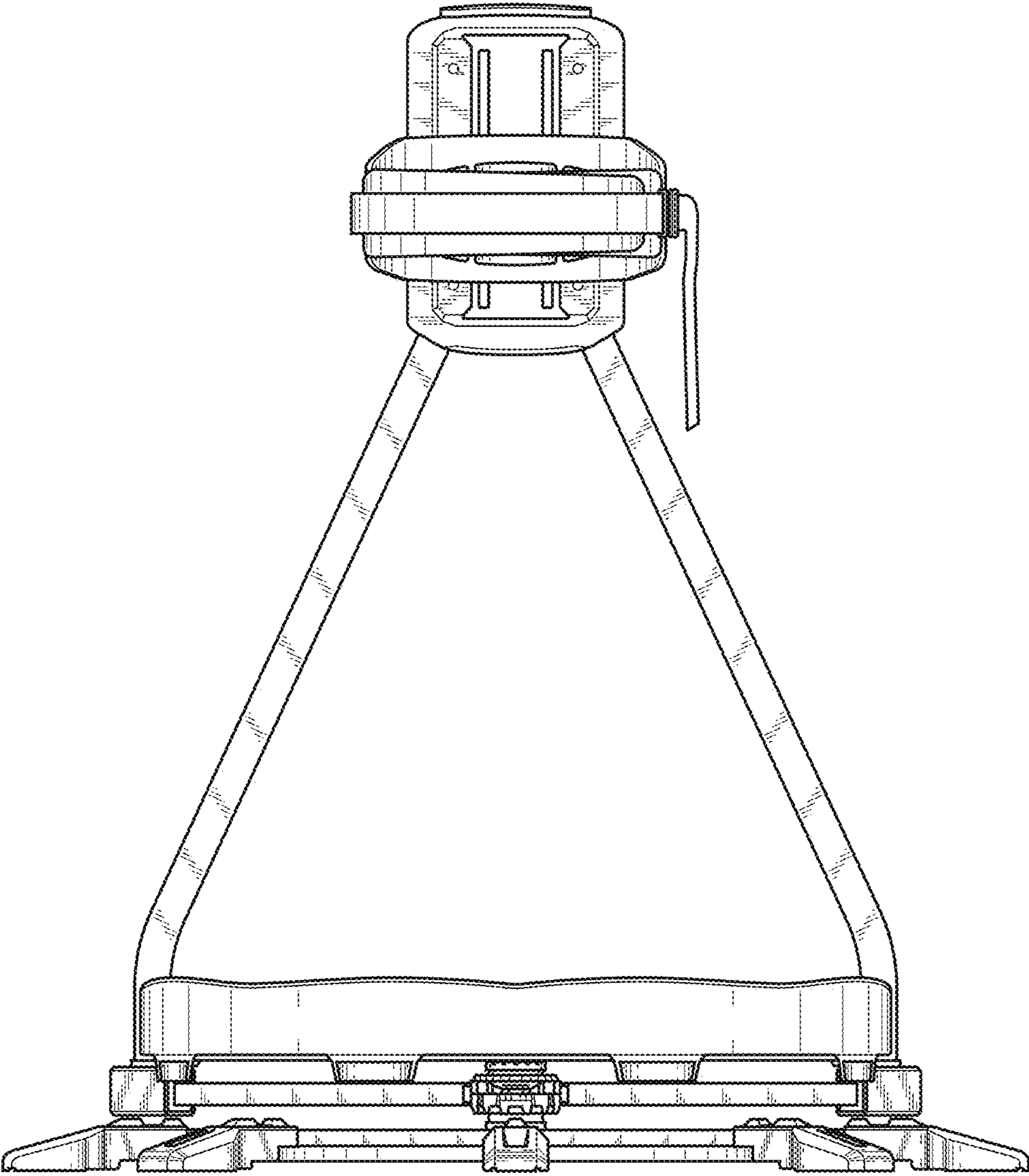


FIG. 2

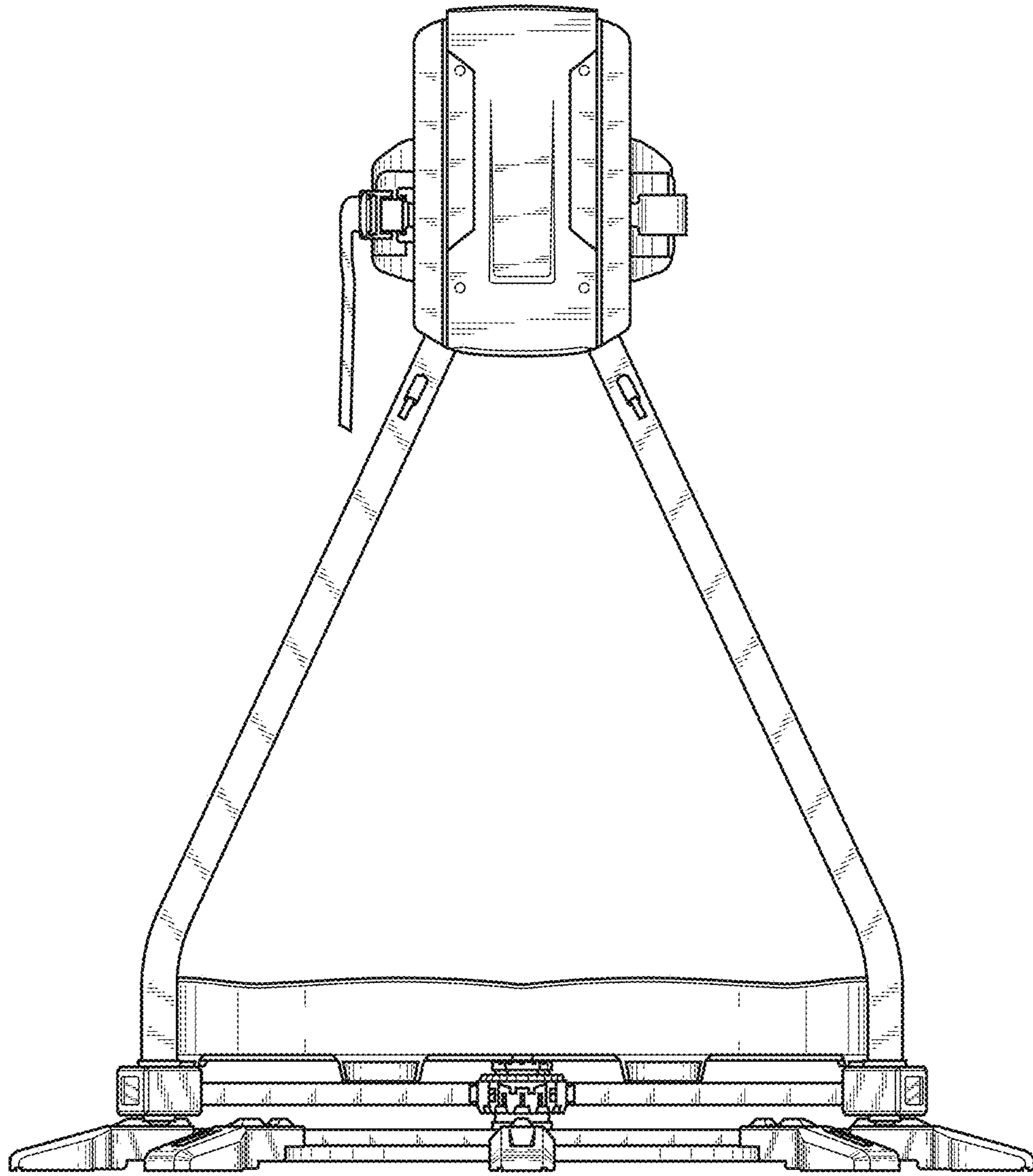


FIG. 3

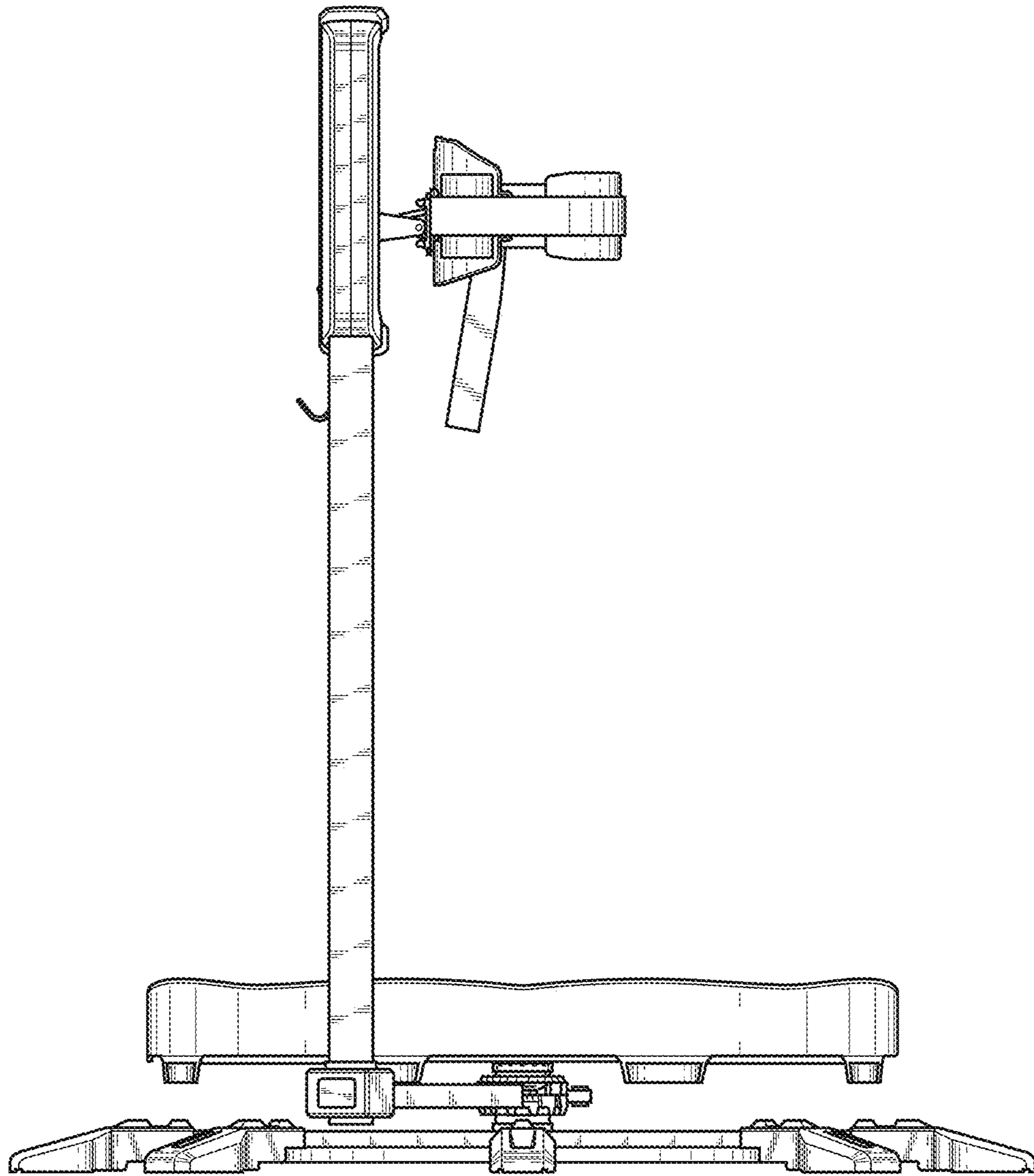


FIG. 4

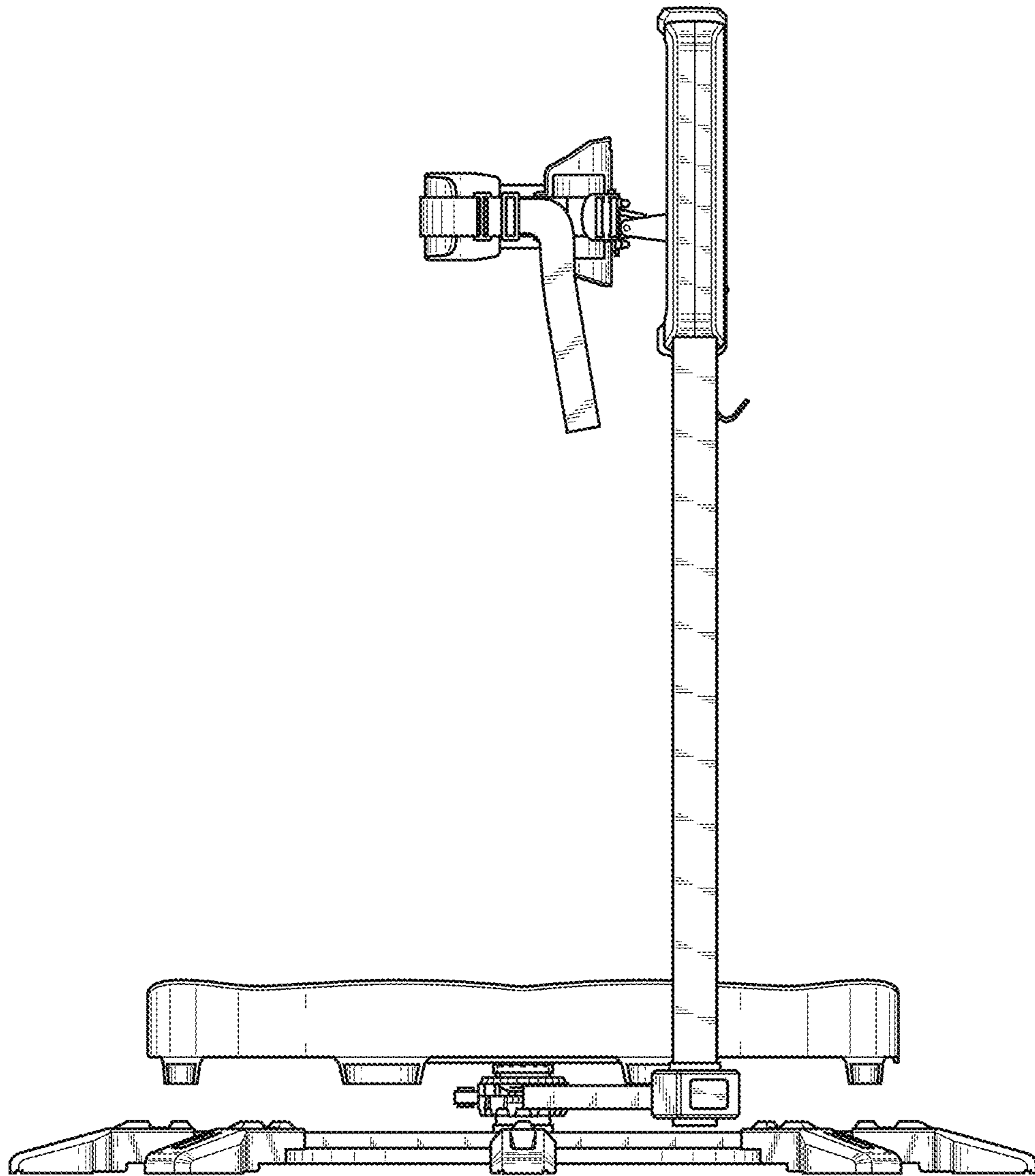


FIG. 5

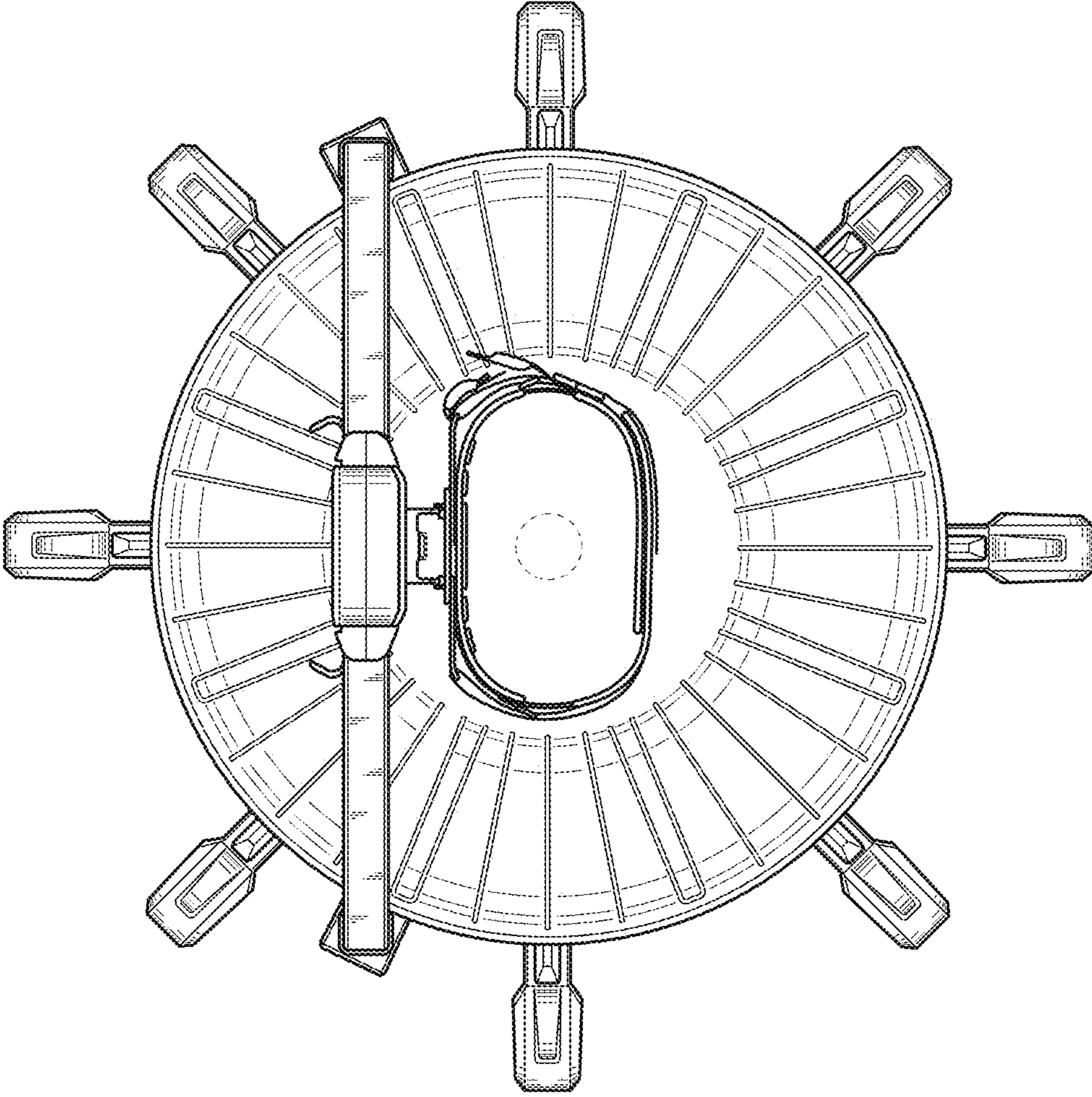


FIG. 6

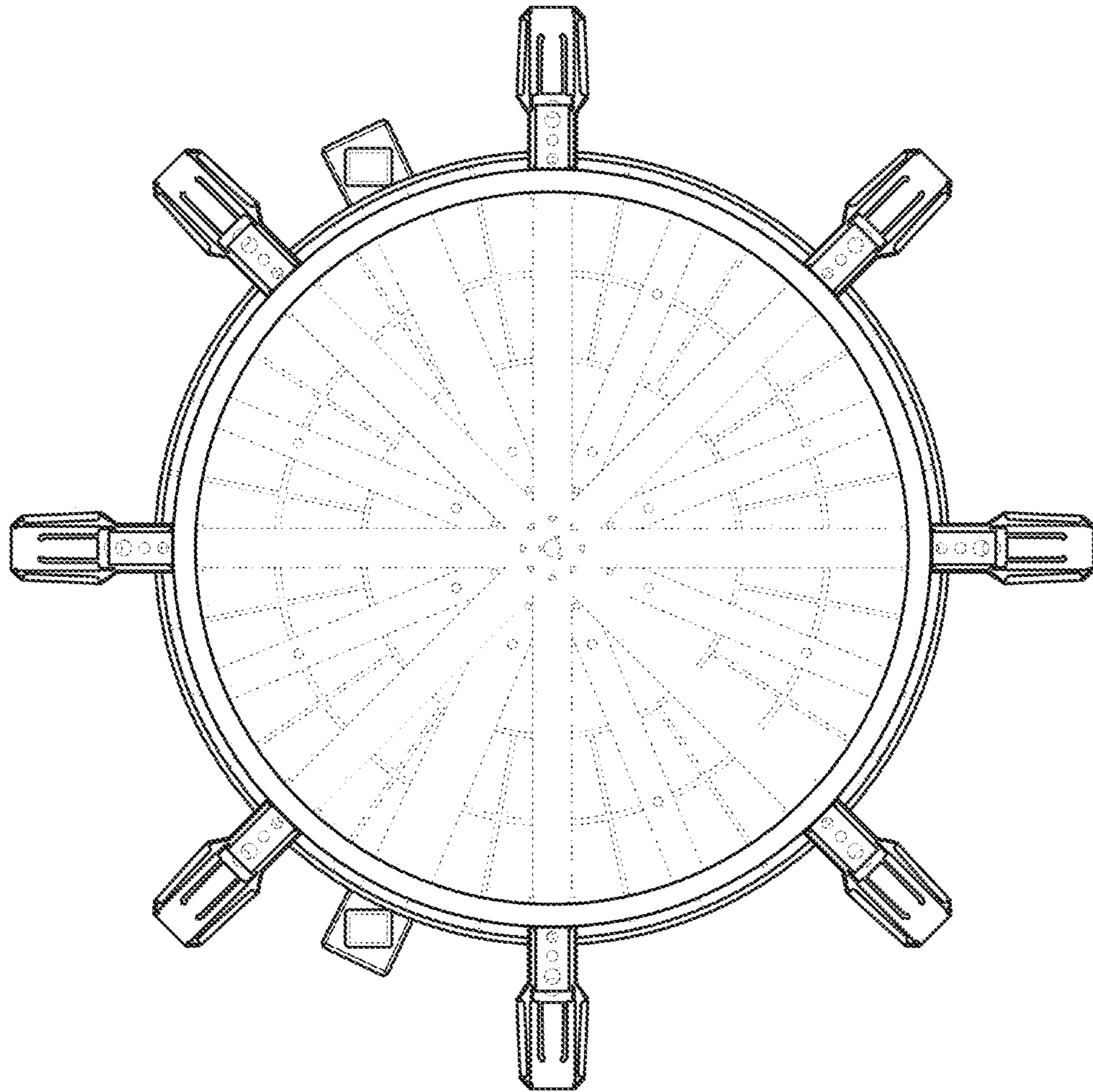


FIG. 7

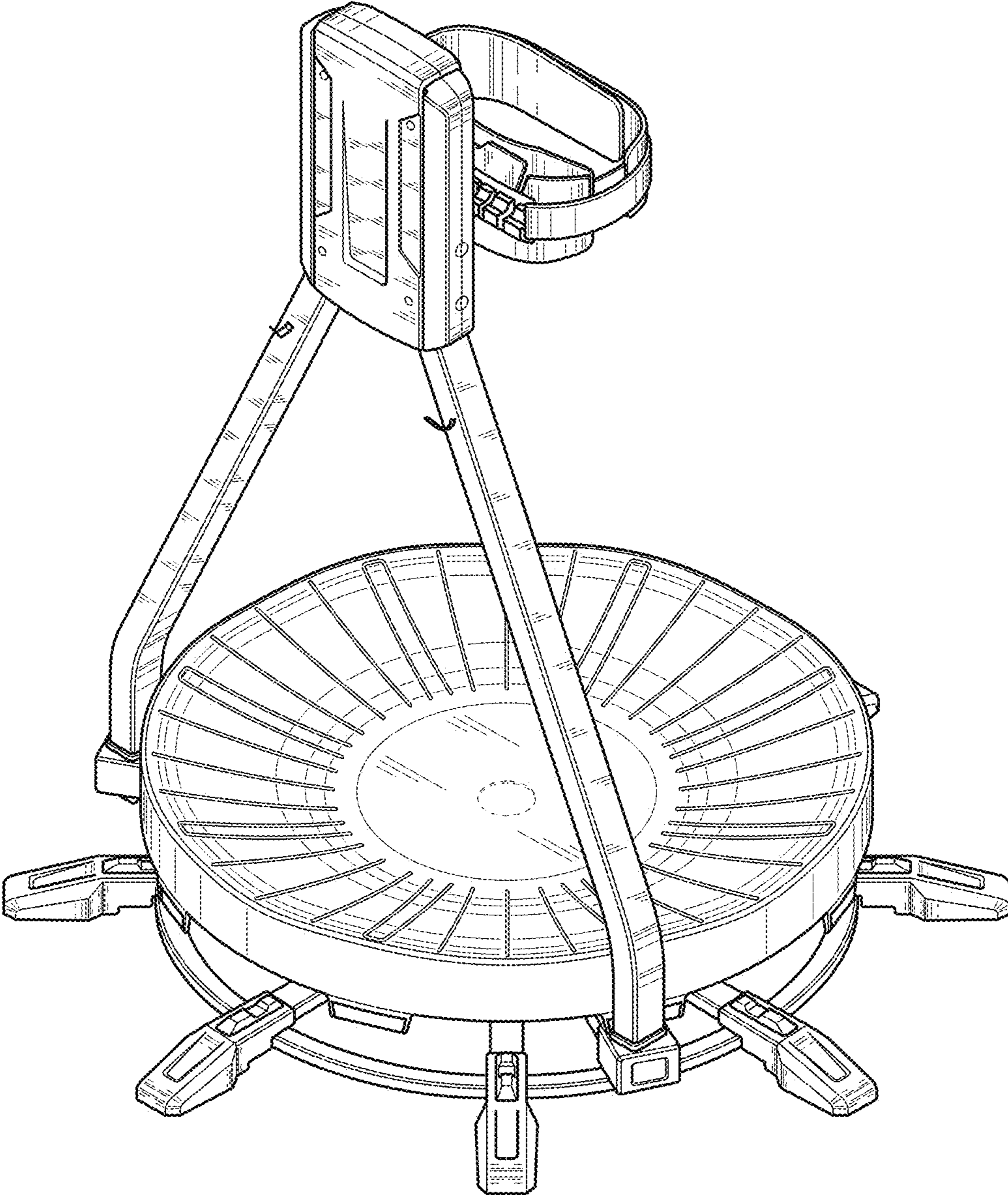


FIG. 8