



(12) **United States Design Patent**
Haala et al.

(10) **Patent No.:** **US D1,001,920 S**
(45) **Date of Patent:** **** Oct. 17, 2023**

- (54) **EXERCISE CYCLE**
- (71) Applicant: **Saris Equipment, LLC**, Edison, NJ (US)
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- (**) Term: **15 Years**
- (21) Appl. No.: **29/838,221**
- (22) Filed: **May 11, 2022**

Related U.S. Application Data

- (63) Continuation of application No. 16/819,956, filed on Mar. 16, 2020, now Pat. No. 11,400,339, which is a continuation-in-part of application No. 15/999,259, filed on Aug. 16, 2018, now Pat. No. 10,974,118.
- (60) Provisional application No. 62/637,003, filed on Mar. 1, 2018, provisional application No. 62/546,728, filed on Aug. 17, 2017.
- (51) **LOC (14) Cl.** **21-02**
- (52) **U.S. Cl.**
USPC **D21/663**
- (58) **Field of Classification Search**
USPC D21/663, 664, 665, 666, 667, 697;
482/63, 62, 64, 59, 57
CPC A63B 22/0605; A63B 2210/50; A63B 2225/09; A63B 2022/0652; A63B 2208/0233; A63B 21/00069; A63B 21/00192; A63B 21/225; A63B 21/015; A63B 2225/093; A63B 23/0476; A63B 2022/0658; A63B 21/4049; A63B 21/4034

See application file for complete search history.

- (56) **References Cited**
- U.S. PATENT DOCUMENTS
- D192,433 S * 3/1962 Harwood D21/663
- D234,305 S * 2/1975 Woods D21/667
- D280,923 S * 10/1985 Smith D21/667
- 4,577,860 A * 3/1986 Matias A63B 22/0605
482/57
- D285,816 S * 9/1986 Berntsson D21/667
- D291,462 S * 8/1987 Aalto D21/667
- (Continued)

FOREIGN PATENT DOCUMENTS

- KR 20120071425 A 7/2012
- WO 2012146230 A1 11/2012

OTHER PUBLICATIONS

Examination Report in corresponding European Application No. 18779823.6, dated Jul. 25, 2022, 4 pages.
(Continued)

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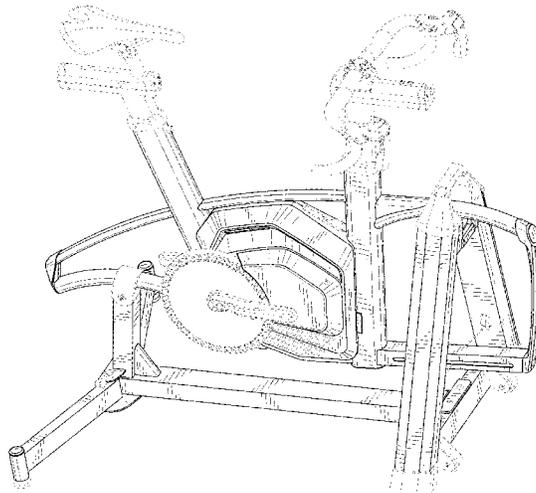
(57) **CLAIM**

The ornamental design of an exercise cycle, as shown and described.

DESCRIPTION

FIG. 1 is an isometric view of an exercise cycle showing our new design;
FIG. 2 is a second isometric view thereof;
FIG. 3 is a first side elevation view thereof;
FIG. 4 is a second side elevation view thereof;
FIG. 5 is a front elevation view thereof;
FIG. 6 is a rear elevation view thereof;
FIG. 7 is a top plan view thereof; and,
FIG. 8 is a bottom plan view thereof.
The broken line showing of portions of the exercise cycle forms no part of the claim.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D291,713	S *	9/1987	Kiiski	D21/667	10,071,286	B1 *	9/2018	Gajewski	A63B 24/0087
D307,166	S *	4/1990	Wu	D21/667	10,112,067	B2 *	10/2018	Golesh	A63B 21/015
4,958,832	A	9/1990	Kim		D836,733	S *	12/2018	Curbun	D21/667
D344,313	S *	2/1994	Wu	D21/663	10,179,257	B2 *	1/2019	Hsu	A63B 21/00072
D357,953	S *	5/1995	Warehime	D21/667	10,369,416	B2 *	8/2019	Huang	A63B 21/0051
D366,298	S *	1/1996	Wu	D21/663	D860,339	S *	9/2019	Sun	D21/667
D372,284	S *	7/1996	Wang	D21/667	D873,933	S *	1/2020	Bennett	D21/667
D380,796	S *	7/1997	Wang	D21/667	D877,267	S *	3/2020	Shimizu	D21/663
6,126,577	A	10/2000	Chang	A63B 22/0605	D909,497	S *	2/2021	Goldberg	D21/667
				D21/663	D933,141	S *	10/2021	Hawkins, III	D21/667
D444,515	S *	7/2001	Moran	D21/663	D936,760	S *	11/2021	Sun	D21/663
D460,133	S *	7/2002	Baker	D21/697	11,235,199	B2 *	2/2022	Irving	A63B 21/225
D460,794	S *	7/2002	Baker	D21/667	D947,963	S *	4/2022	Altinsoy	D21/663
D473,602	S *	4/2003	Baudhuin	D21/667	11,291,883	B2 *	4/2022	Anderson	A63B 21/015
6,612,970	B2 *	9/2003	Forcillo	A63B 21/4049	D961,014	S *	8/2022	Flick	D21/667
				482/57	D961,015	S *	8/2022	Flick	D21/667
6,669,603	B1 *	12/2003	Forcillo	A63B 21/015	D963,075	S *	9/2022	Matsushita	D21/663
				D21/667	D965,706	S *	10/2022	Lu	D21/663
D506,792	S *	6/2005	Nagano	D21/663	D965,707	S *	10/2022	Tropper	D21/663
6,913,560	B2 *	7/2005	Ryan	A63B 22/0605	D965,708	S *	10/2022	Tropper	D21/663
				248/600	D967,910	S *	10/2022	Sun	D21/663
7,081,070	B1	7/2006	Washington et al.		D974,498	S *	1/2023	Lentine	D21/663
D532,063	S *	11/2006	Kim	D21/697	D977,598	S *	2/2023	Wu	D21/663
D533,237	S *	12/2006	Lassanske	D21/698	11,602,665	B2 *	3/2023	Moreira	B62J 1/08
D534,226	S *	12/2006	Corbalis	D21/697	D983,898	S *	4/2023	Zhu	D21/663
7,175,570	B2 *	2/2007	Lull	F16D 41/24	D983,899	S *	4/2023	Zhu	D21/663
				482/57	D986,987	S *	5/2023	Tian	D21/667
D561,276	S *	2/2008	Bingham, Jr.	D21/697	D988,437	S *	6/2023	Luo	D21/663
D569,459	S *	5/2008	Bingham, Jr.	D21/697	2006/0079382	A1 *	4/2006	Lassanske	A63B 21/22
D569,926	S *	5/2008	Bingham, Jr.	D21/697					482/57
D571,417	S *	6/2008	Su	D21/667	2007/0105694	A1 *	5/2007	Panatta	A63B 22/0605
D579,989	S *	11/2008	Bingham, Jr.	D21/667					482/57
D616,050	S *	5/2010	Lull	D21/667	2008/0033311	A1 *	2/2008	Sledge	A61B 5/222
7,785,236	B1 *	8/2010	Lo	A63B 22/0605					600/509
				482/57	2009/0048076	A1 *	2/2009	Irving	A63B 21/4034
D624,612	S *	9/2010	Watt	D21/667					482/57
D625,762	S *	10/2010	Fon	D21/667	2010/0009815	A1 *	1/2010	Chen	A63B 21/015
D636,449	S *	4/2011	Wu	D21/667					482/63
D647,981	S *	11/2011	Chen	D21/663	2010/0041523	A1 *	2/2010	Bingham, Jr.	A63B 22/0605
D649,203	S *	11/2011	Zhang	D21/667					482/148
D649,204	S *	11/2011	Zhang	D21/667	2010/0125029	A1	5/2010	Nielson et al.	
D649,607	S *	11/2011	Lull	D21/697	2010/0288901	A1	11/2010	Wallach	
8,052,581	B1 *	11/2011	Lohr	A63B 21/015	2011/0111923	A1 *	5/2011	Bacanovic	A63B 22/0605
				482/63					482/8
8,092,352	B2 *	1/2012	Irving	A63B 23/0405	2011/0218080	A1	9/2011	Papadopoulos	
				482/57	2011/0287901	A1	11/2011	Wan	
D654,125	S *	2/2012	van der Meer	D21/667	2012/0071301	A1	3/2012	Kaylor et al.	
D656,566	S *	3/2012	Decommer	D21/667	2012/0238406	A1 *	9/2012	Beard	H02K 21/24
D675,687	S *	2/2013	Fischer	D21/663					482/2
D676,508	S *	2/2013	Wu	D21/667	2013/0130798	A1	5/2013	Nir et al.	
D677,349	S *	3/2013	Baudhuin	D21/667	2014/0038781	A1 *	2/2014	Foley	A63B 24/0075
D677,350	S *	3/2013	Goldberg	D21/667					482/9
D677,746	S *	3/2013	Baudhuin	D21/667	2014/0296034	A1 *	10/2014	Wu	A63B 24/0087
D677,747	S *	3/2013	Baudhuin	D21/697					482/7
D682,371	S *	5/2013	Baudhuin	D21/667	2015/0111704	A1 *	4/2015	Lin	A63B 22/0605
D682,954	S *	5/2013	Cornejo	D21/667					482/57
D684,223	S *	6/2013	Cornejo	D21/667	2016/0263416	A1 *	9/2016	Golesh	A63B 21/0051
8,585,561	B2 *	11/2013	Watt	A63B 21/0051	2016/0263417	A1 *	9/2016	Golesh	A63B 21/0051
				482/57	2016/0287931	A1	10/2016	Tung	
D709,566	S *	7/2014	Baudhuin	D21/667	2019/0118058	A1	4/2019	Bass et al.	
D709,567	S *	7/2014	Baudhuin	D21/697	2020/0147450	A1 *	5/2020	Wu	A63B 21/225
9,381,395	B2 *	7/2016	Pinzon	A63B 22/0605	2020/0238130	A1 *	7/2020	Silcock	A63B 24/0062
D791,252	S *	7/2017	Pürschel	D21/667					
D794,724	S *	8/2017	Tasca	D21/663					
9,731,164	B1 *	8/2017	Tung	A63B 23/03516					
D797,213	S *	9/2017	Golesh	D21/663					
D797,214	S *	9/2017	Suzuki	D21/663					

OTHER PUBLICATIONS

Communication Pursuant to 94(3) EPC in corresponding European Application No. 23156865.0, dated May 15, 2023, 6 pages.

* cited by examiner

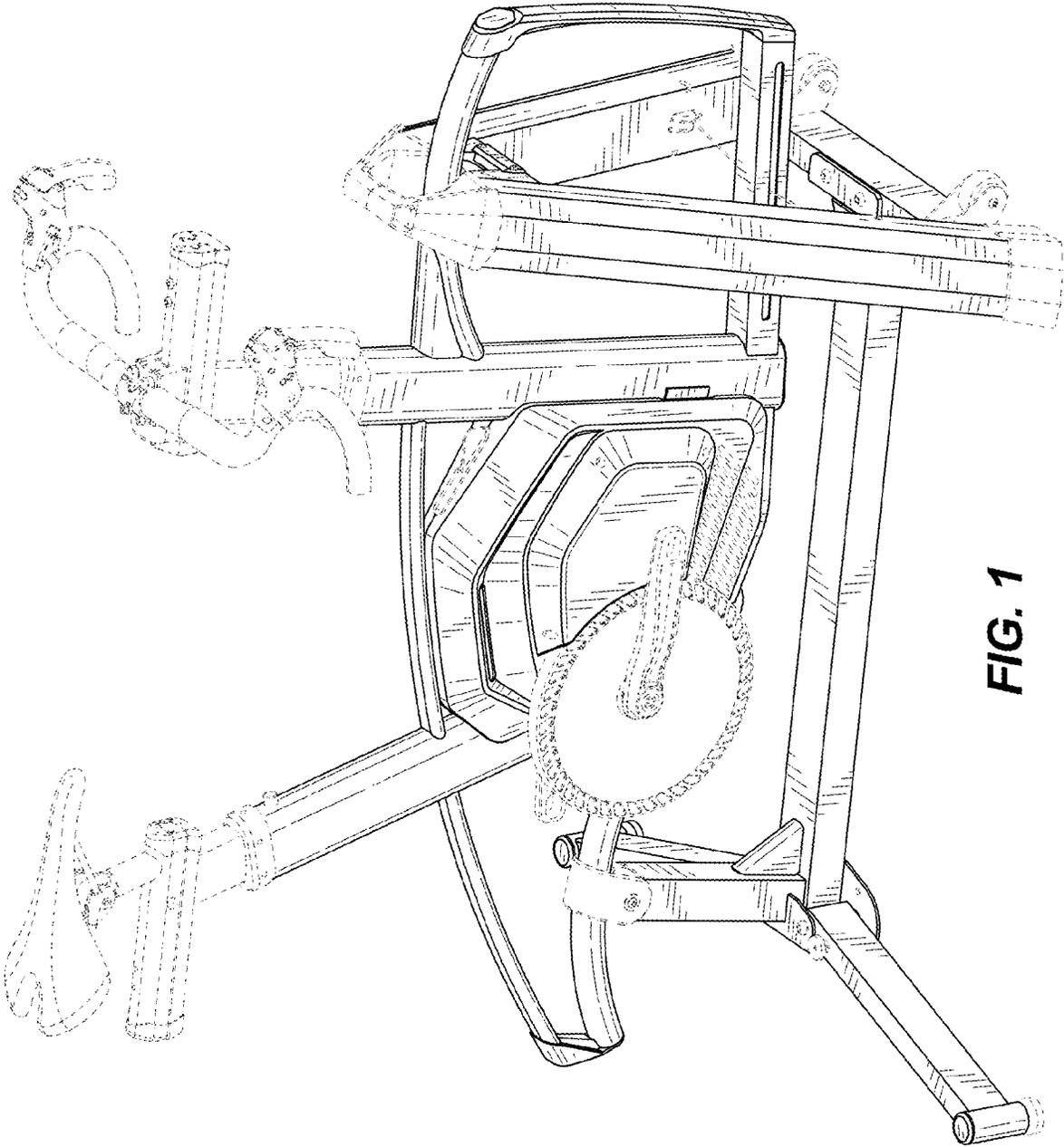


FIG. 1

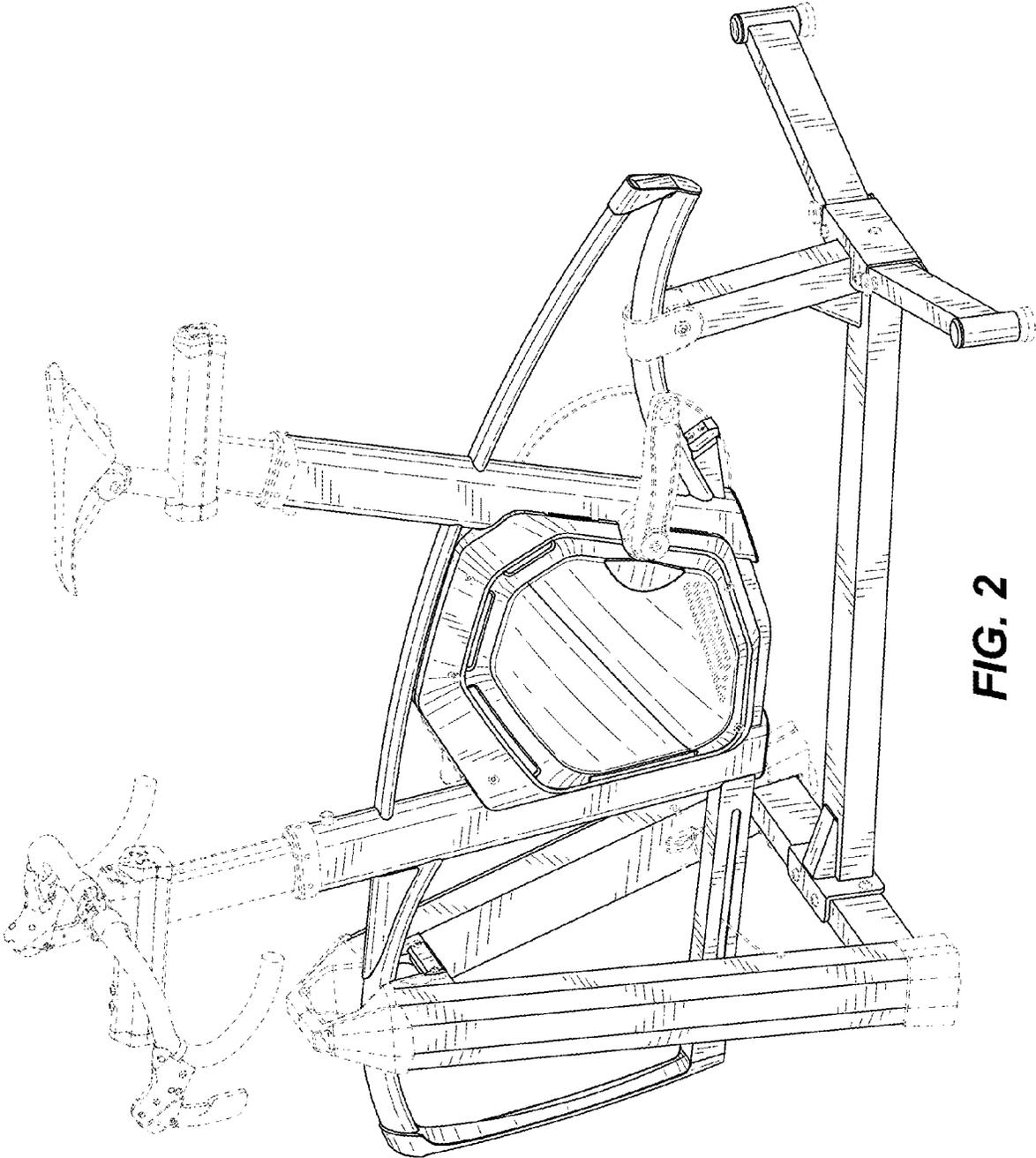


FIG. 2

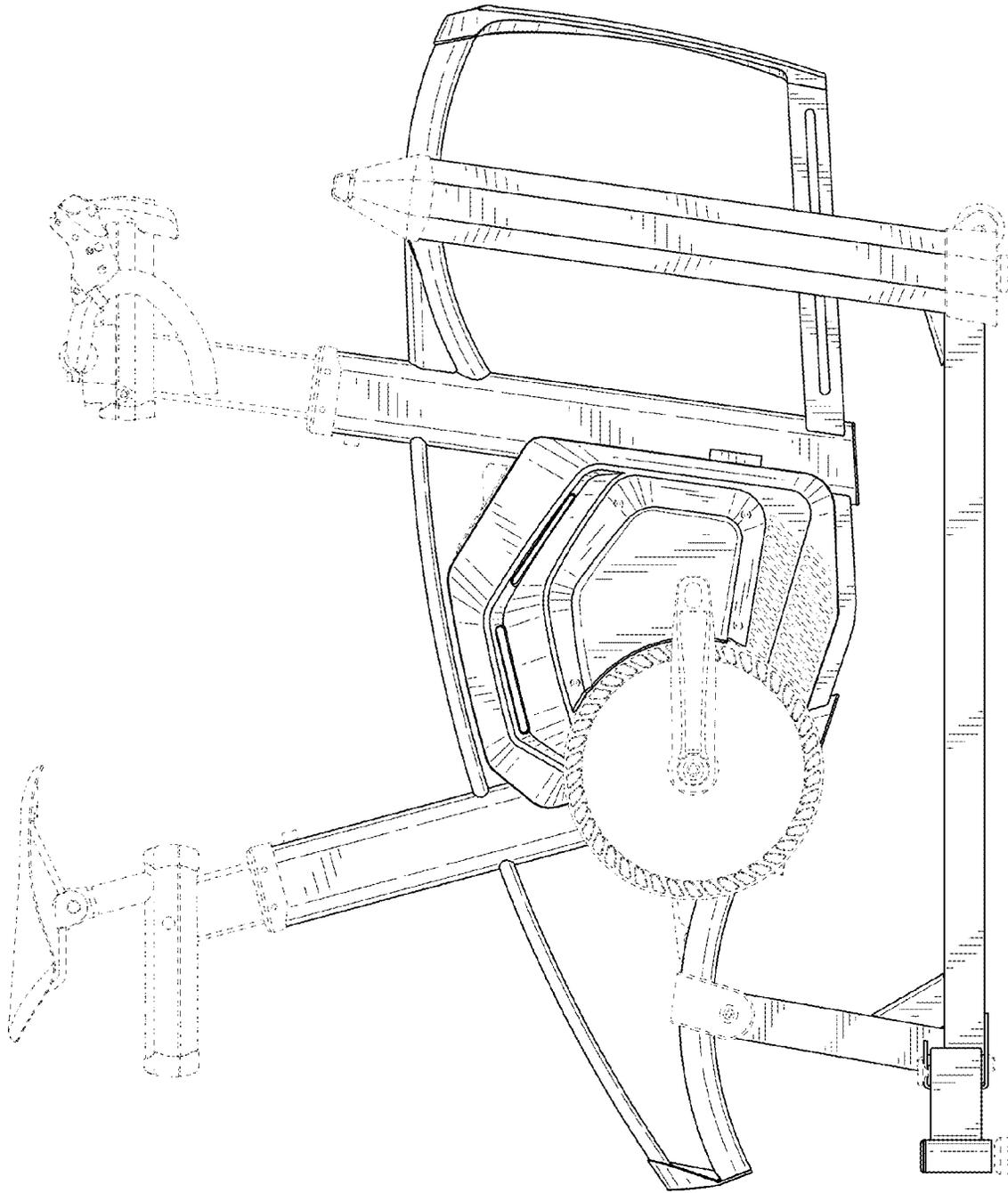


FIG. 3

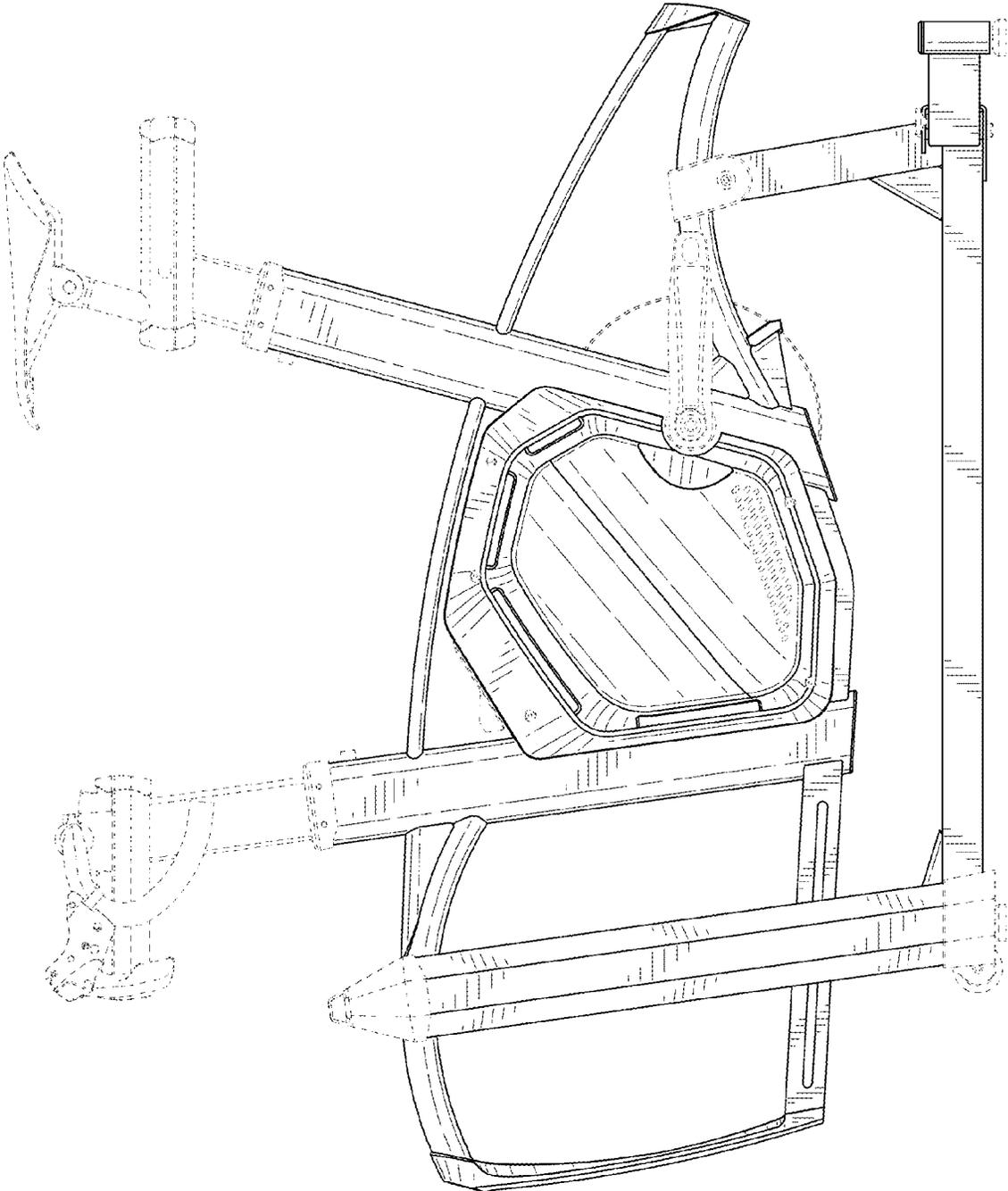


FIG. 4

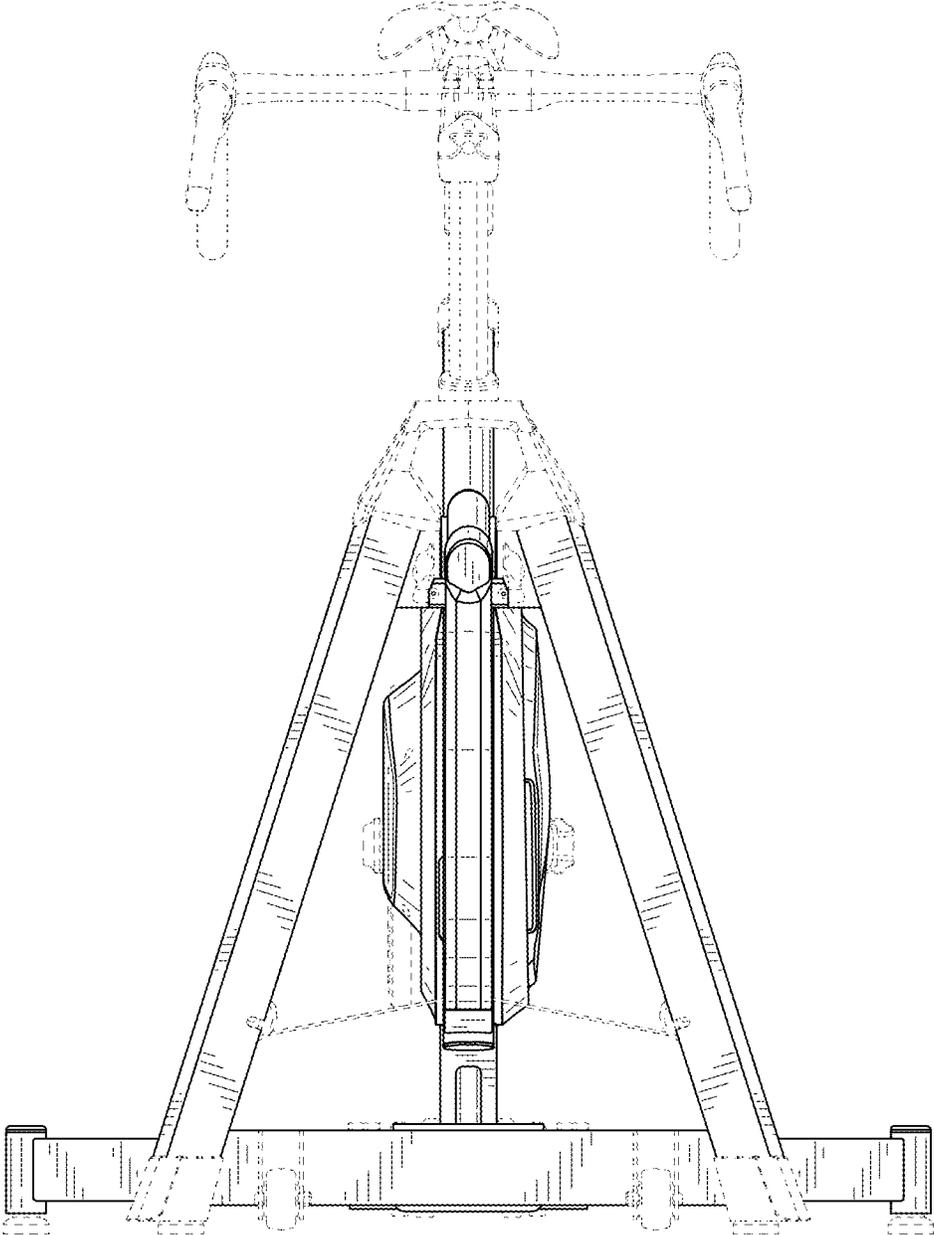


FIG. 5

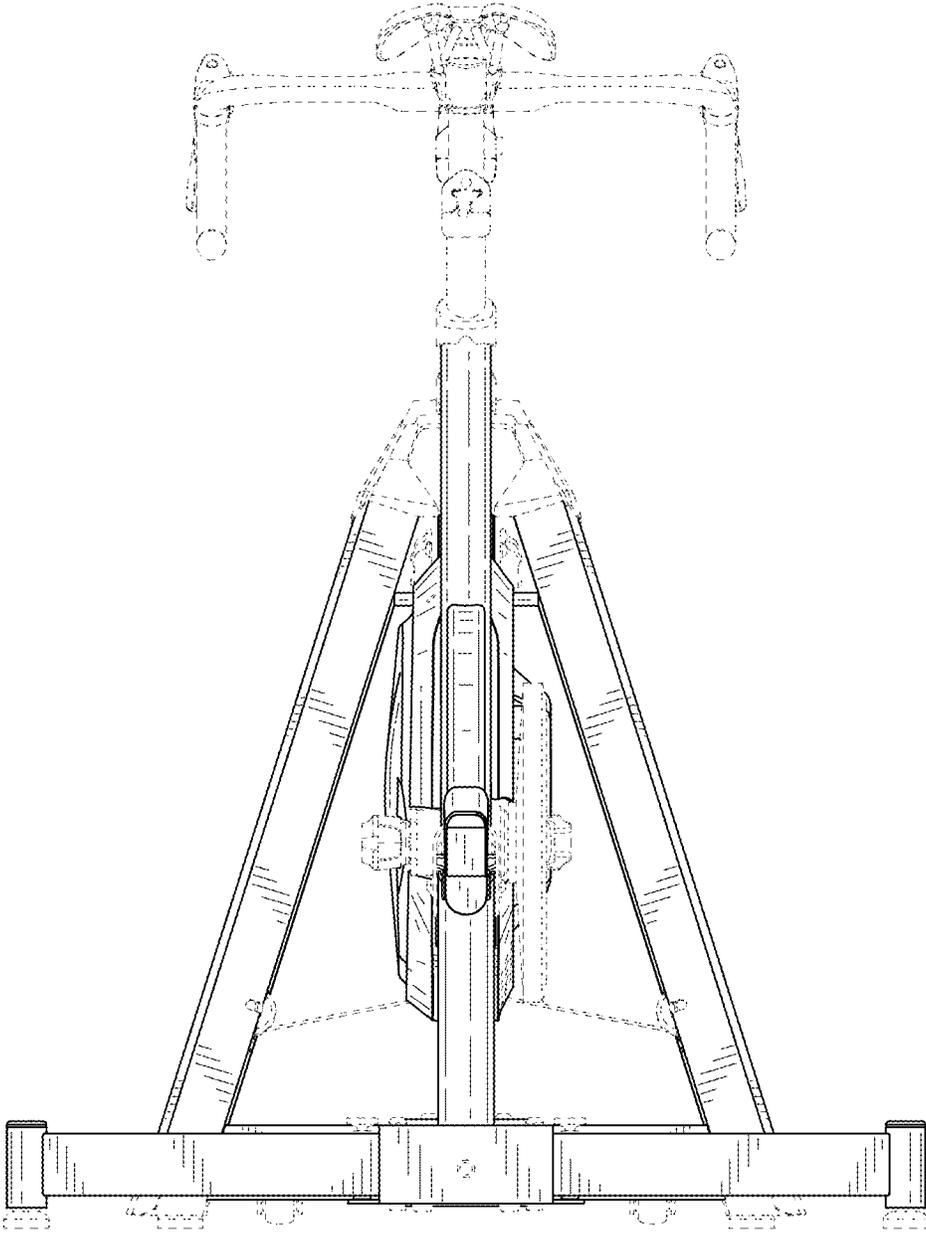


FIG. 6

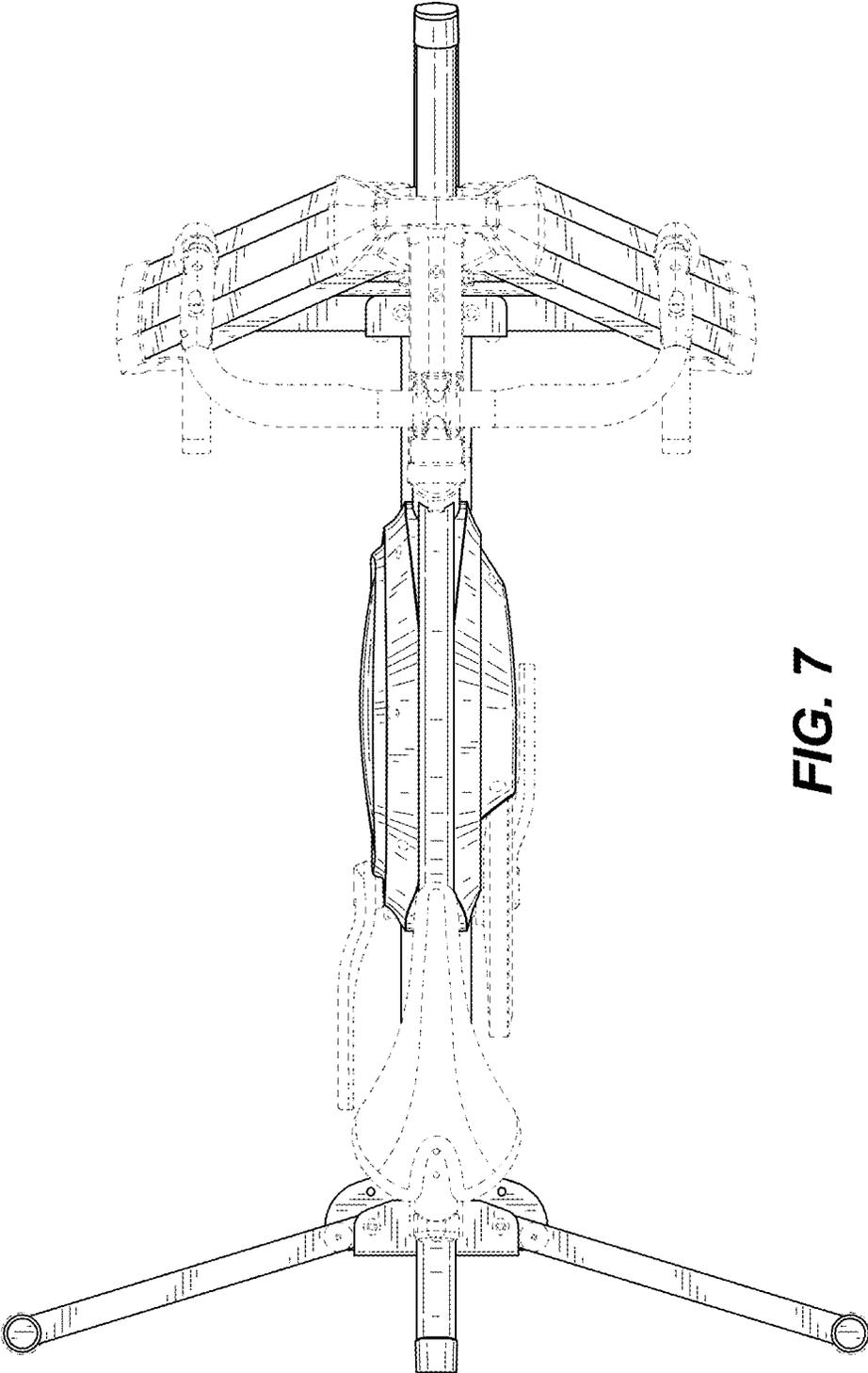


FIG. 7

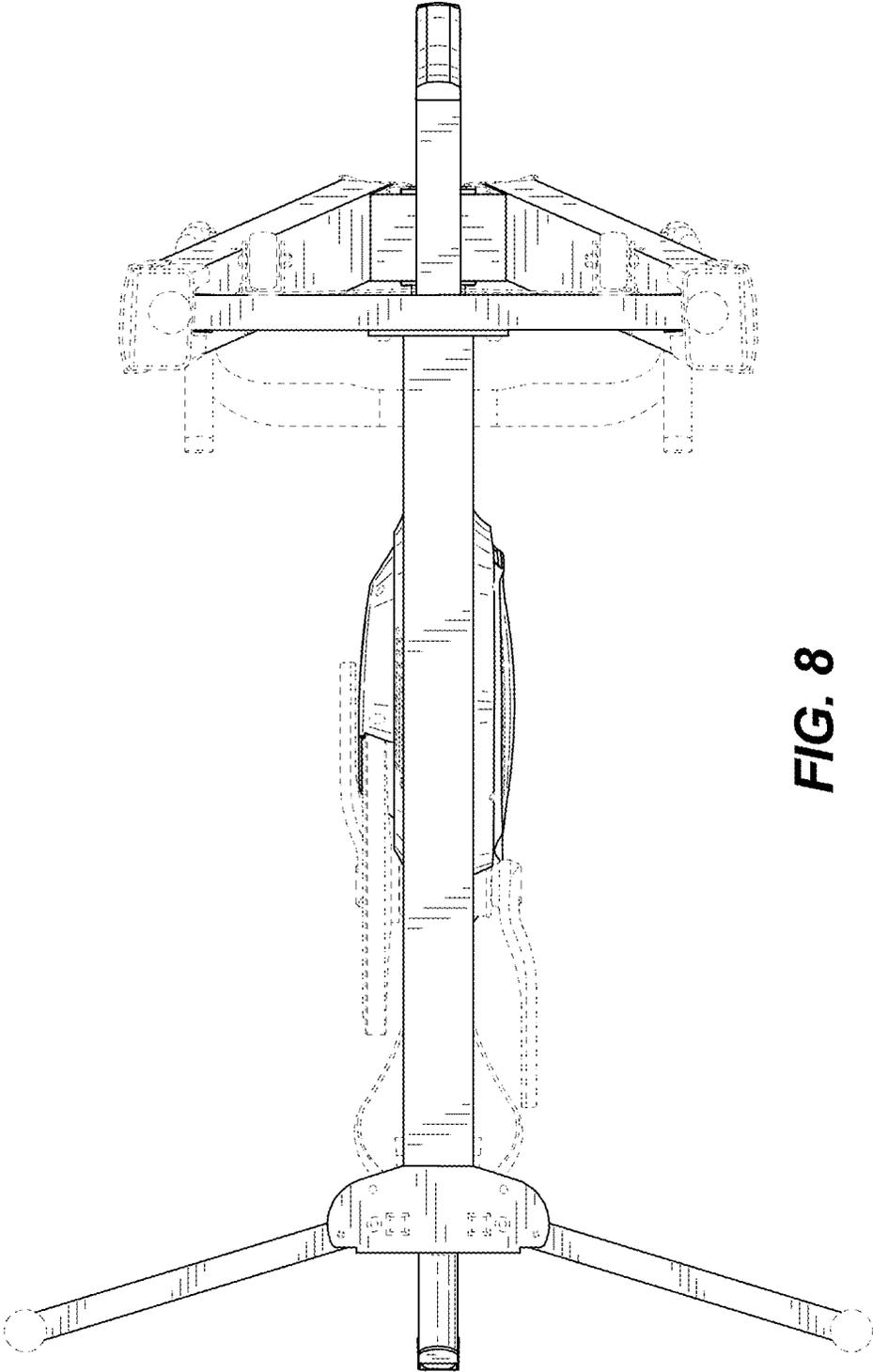


FIG. 8