

US0D1035516S

(12) United States Design Patent (10) Patent No.: US D1,035,516 S

Kenagy et al. (45) Date of Patent: ** Jul. 16, 2024

(54) CHILD CARRIER

(71) Applicant: RADIO FLYER INC., Chicago, IL (US)

- (72) Inventors: **Kyle Kenagy**, Chicago, IL (US); **Igor Zemskov**, Chicago, IL (US)
- (73) Assignee: The Radio Flyer Company, Chicago, IL (US)
- (**) Term: 15 Years
- (21) Appl. No.: 29/850,186
- (22) Filed: Aug. 17, 2022
- (52) **U.S. Cl.**
 - USPC **D6/333**

(58) Field of Classification Search

USPC D6/333, 340, 354; D12/110, 111, 114, D12/130

CPC B62J 1/16; B62J 1/02; B62J 1/20; B62J 1/28; B62J 11/00 See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

3,619,003	\mathbf{A}	*	11/1971	Rich, Jr B62J 1/16
				297/243
D229,922				Bishaf et al D6/354
3,802,598	A	*	4/1974	Burger B62J 1/16
				224/415
D239,088	S	*	3/1976	Hafner et al D6/333
D245,133	S	*	7/1977	Kerley D6/354
4,053,091	A	*	10/1977	Martelet B62J 1/16
				224/450

(Continued)

FOREIGN PATENT DOCUMENTS

CN	104960602 A	10/2015
WO	9702172 A1	1/1997

OTHER PUBLICATIONS

"Kid Carrier—eBike Seat for Kids." Radio Flyer., Aug. 30, 2022 [online], [retrieved on Mar. 1, 2024]. Retrieved from the Internet <URL: https://flyer.radioflyer.com/kid-carrier-accessory.html>.*

(Continued)

Primary Examiner — Darlington Ly
(74) Attorney, Agent, or Firm — Barnes & Thornburg
LLP

(57) CLAIM

We claim the ornamental design for a child carrier, as shown and described.

DESCRIPTION

FIG. 1 is a top and front perspective view of a child carrier, shown in its environment of use, embodying the new design. FIG. 2 is a top and front perspective view of the child carrier shown in FIG. 1.

FIG. 3 is a bottom and rear perspective view of the child carrier shown in FIG. 1.

FIG. 4 is a right side elevation view of the child carrier shown in FIG. 1.

FIG. **5** is a left side elevation view of the child carrier shown in FIG. **1**.

FIG. **6** is a rear elevation view of the child carrier shown in FIG. **1**.

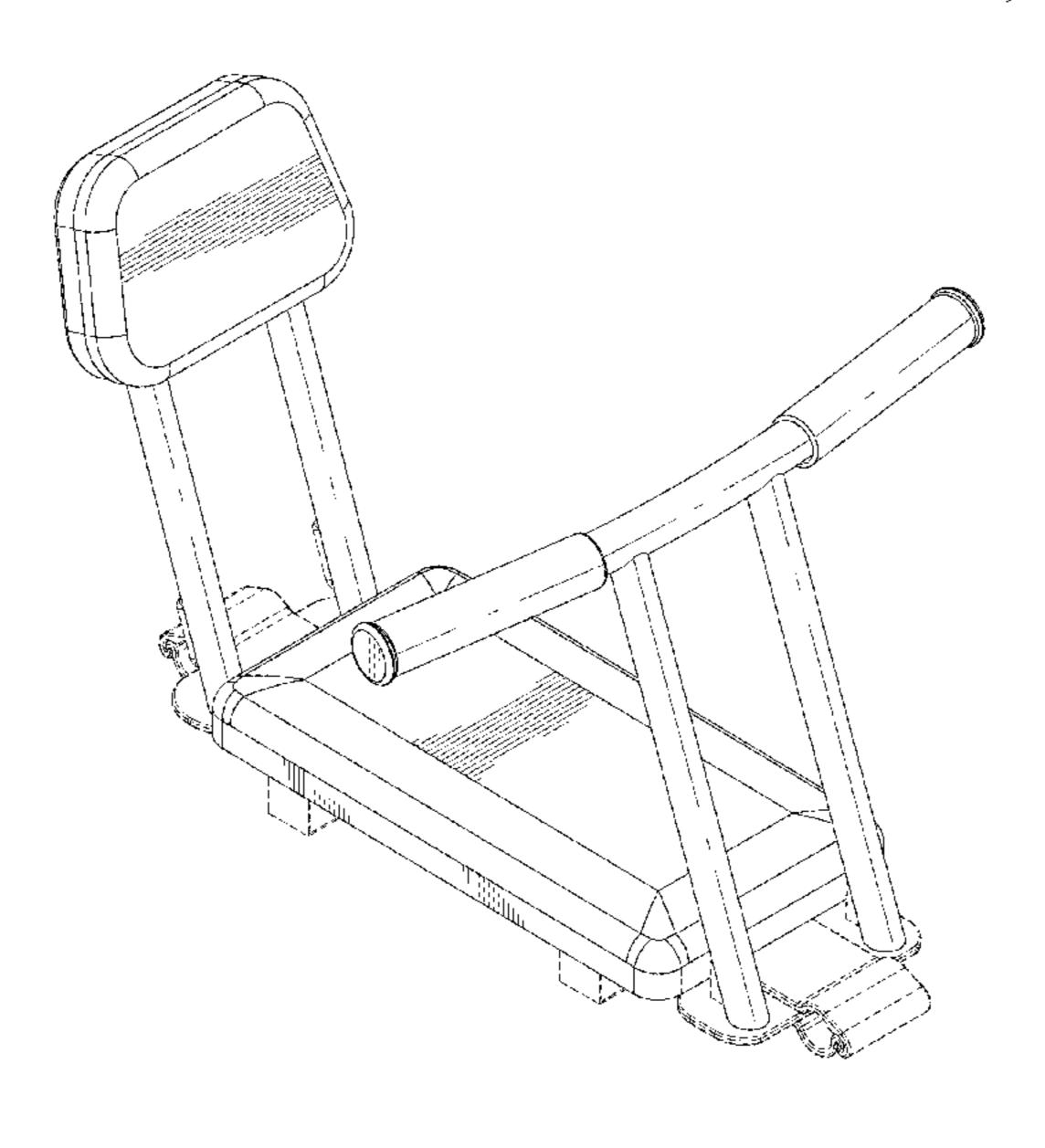
FIG. 7 is a front elevation view of the child carrier shown in FIG. 1.

FIG. 8 is a top plan view of the child carrier shown in FIG. 1; and,

FIG. 9 is a bottom plan view of the child carrier shown in FIG. 1.

The broken lines in the drawings illustrate portions of the child carrier and an environmental bicycle structure that form no part of the claimed design.

1 Claim, 6 Drawing Sheets



(56) References Cited

U.S. PATENT DOCUMENTS

4,085,968	A	*	4/1978	Svensson B62J 11/00
				224/415
D294,203	S	*	2/1988	Schepis D6/354
D332,877		*		Newbold D6/333
5,285,935			2/1994	
D356,447		*	3/1995	Peters
D367,181				Peters
5,622,374			4/1997	Rudeen et al.
6,612,645	В1	*	9/2003	Hsu B62B 7/12
				297/130
D527,537	S	*	9/2006	Edwards
D727,640		*		Carell D6/333
D796,854		*		Larsson D6/333
D814,809				Kok D6/333
D966,723				Lin D6/333
D1,002,206				Lin D6/333
2006/0152059				Refsum F16B 7/105
				297/423.19
2016/0075390	A 1	*	3/2016	Blom B62J 1/16
2010,00,000			5, 201 0	297/327
2019/0217911	Δ1	*	7/2019	Wang B62J 1/16
2017/021/711	1 1 1	L	112017	Trans D023 1/10

OTHER PUBLICATIONS

"Innolife Child Bike Seat, Kids Bicycle Seat Front Mounted Child Bike Carrier with Handrail & Foldable Pedals . . . Children, Kids, Toddlers." Amazon., May 4, 2021 [online], [retrieved on Mar. 1, 2024]. Retrieved from the Internet <URL: https://www.amazon.com/INNOLIFE-Handrail-Foldable-Children-Toddlers/dp/B0942ZR6ZD>.*

"Ousexi Retractable Child Bike Seat, Portable Front Mounted Kids Bike Seat, . . . Suitable for Children 2~6 Years." Amazon., Mar. 15, 2023 [online], [retrieved on Mar. 1, 2024]. Retrieved from the Internet <URL: https://www.amazon.com/Retractable-Portable-Bicycles-Suitable-Children/dp/B0BXP9GGGQ>.*

"Ousexi Rear Child Bike Seat with Thick Backrest, Rear Child Bicycle Seat Design for Children Aged 2 to 8 Years Old." Amazon., Aug. 11, 2023 [online], [retrieved on Mar. 1, 2024]. Retrieved from the Internet <URL: https://www.amazon.com/OUSEXI-Backrest-Bicycle-Design-Children/dp/B0B9BMT4SF?th=1>.*

"Bicycle Rear Seat Cushion Armrest Footrest Set, Bike Back Seat Child Safety Cushion Armrest Handrail Rear Feet Pedals." Amazon., Feb. 26, 2020 [online], [retrieved on Mar. 1, 2024]. Retrieved from the Internet <URL: https://www.amazon.com/Bicycle-Cushion-Armrest-Footrest-Handrail/dp/B0855SV2YW?th=1>.*

"Zacro Kids Bike Seat Set, Comfort Bike Seat with Backrest, Wide Child Bicycle Rear Seat Cushion Back Safety . . . , Children Bicycle Back Seat for Over 5 Years Old." Amazon., Feb. 18, 2024 [online],

[retrieved on Mar. 1, 2024]. Retrieved from the Internet <URL: https://www.amazon.com/dp/B0CR9ZWW9R/>.*

"Nelomo Rear Seat Cushion Footrest Set Children Saddle Seat Foot Pedals Set Child Back Seats Compatible with F Wheel DYU Electric Bike." Amazon., Sep. 20, 2023 [online], [retrieved on Mar. 1, 2024]. Retrieved from the Internet <URL: https://www.amazon.com/NELOMO-Footrest-Children-Compatible-Electric/dp/B0CJFC8SCC/>.*

"Bicycle Child Seat, Detachable Child Seat with Armrest Fence and Padded Seat, Back Seat Cushion . . . , Suitable for 1-6 Year Old Baby." Amazon., Sep. 20, 2023 [online], [retrieved on Mar. 1, 2024]. Retrieved from the Internet <URL: https://www.amazon.com/Bicycle-Detachable-Electric-Vehicles-Suitable/dp/B08T6Q7GQT/>.*

"Woramuk Kid's Bike seat Rear Child Carrier Bike Chair for Bicycle Kids seat for Children, Toddlers, and Kids Rear Mount Bike seat, Rear Frame Mounted Baby Bike Seats Kids Safety." GO Supps., Mar. 15, 2021 [online], [retrieved on Mar. 1, 2024]. Retrieved from the Internet <URL: https://www.gosupps.com/woramuk-kid-s-bike-seat-rear-child-carrier-bike-chair-for-bicycle-kids-seat-for-children-toddlers-and-kids-rear-mount-bike-seat-rear-frame-mounted-baby-bike-seats-kids-safety.html>.*

"Rad Power Bikes Deckhand Accessory," available online at https://bit.ly/3S5Mzx3 (available at least as early as Aug. 17, 2022) (5 pages).

"Yuba Ring Accessory," available online at https://bit.ly/3BFN7Ex (available at least as early as Aug. 17, 2022) (3 bages).

"Yuba Hold On Bars Accessory," available online at https://bit.ly/3RJb1V1 (available at least as early as Aug. 17, 2022) (3 pages). "Tern Captain's Chair Accessory," available online at https://bit.ly/3BgbrLJ (available at least as early as Aug. 17, 2022) (4 pages). "Propel Tern Sidekick Joyride Bars Accessory," available online at https://bit.ly/3qDVJON (available at least as early as Aug. 17, 2022) (8 Pages).

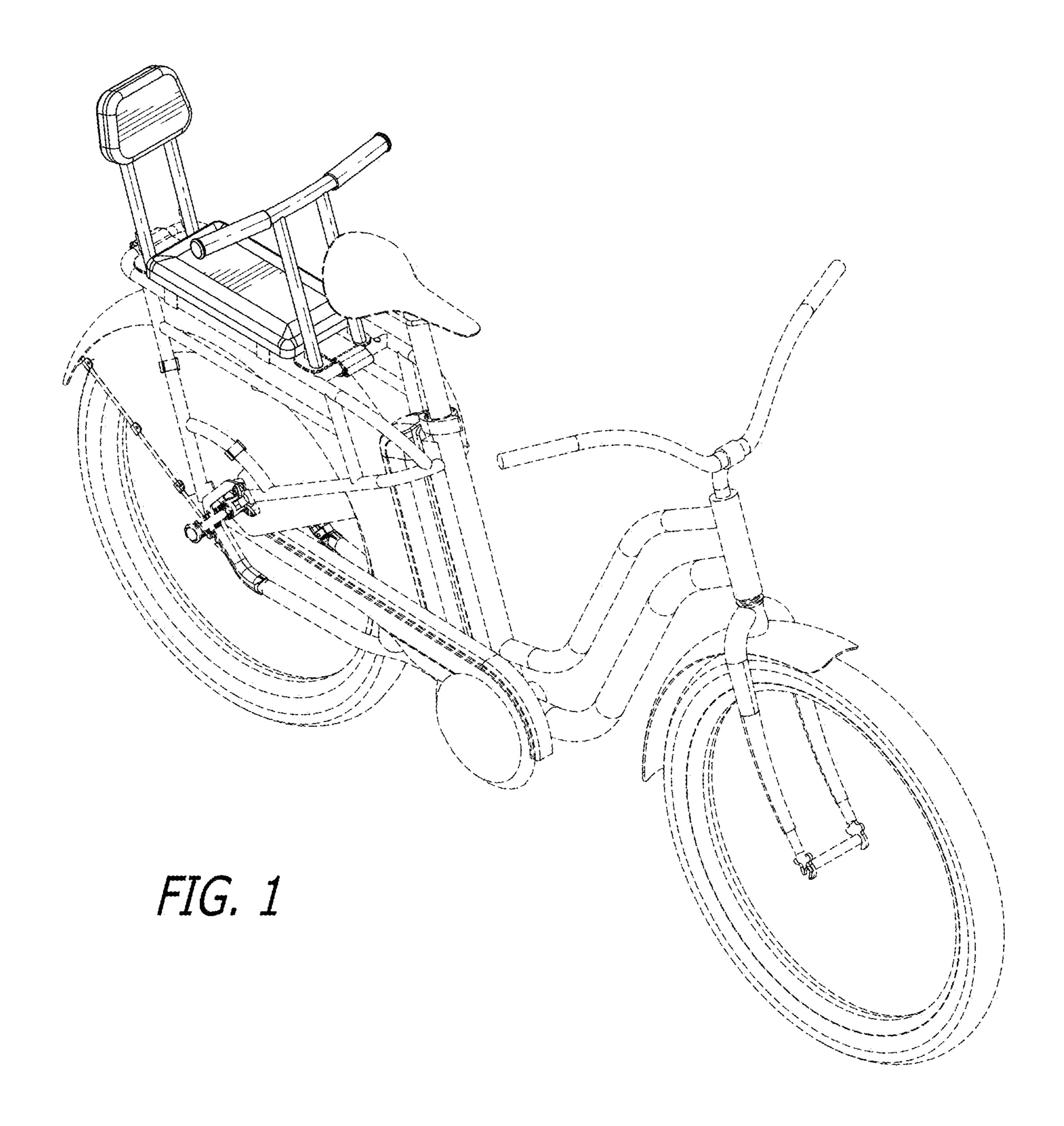
"Zhouwhjj Bicycle Rear Seat Cushion Armrest Footrest Set, Kid Child Carrier Bicycle Baby Seat, Including Cushion and Backrest, Armrest, Handrail, Footrests, Bell, Black," available online at https://amzn.to/3S0eKgH (available at least as early as Aug. 17, 2022) (10 pages).

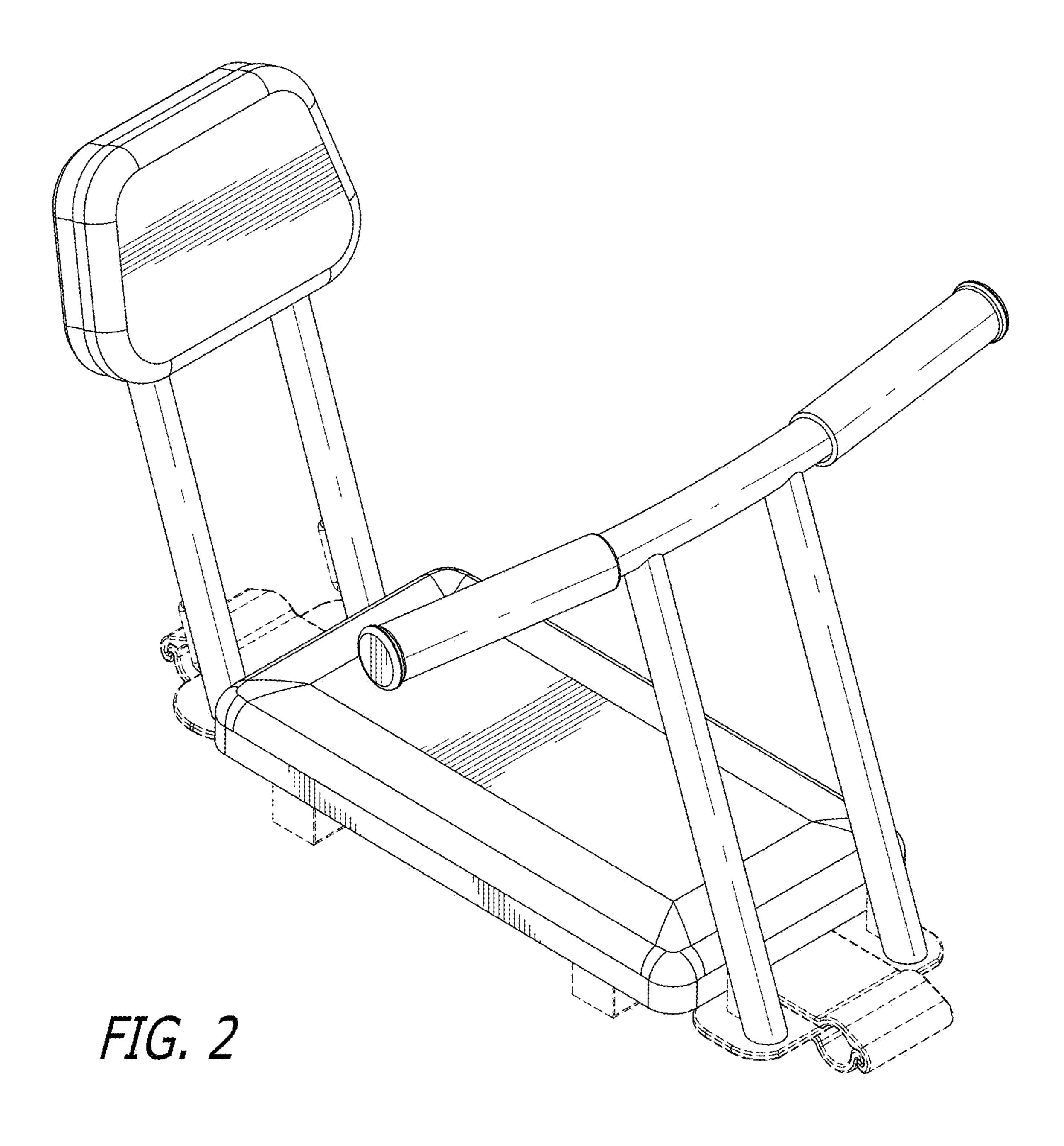
"Woramuk Kid's Bike seat Rear Child Carrier Bike Chair for Bicycle Kids seat for Children, Toddlers, and Kids Rear Mount Bike seat, Rear Frame Mounted Baby Bike Seats Kids Safety," available online at https://amzn.to/3BEWynm (available at least as early as Aug. 17, 2022) (8 pages).

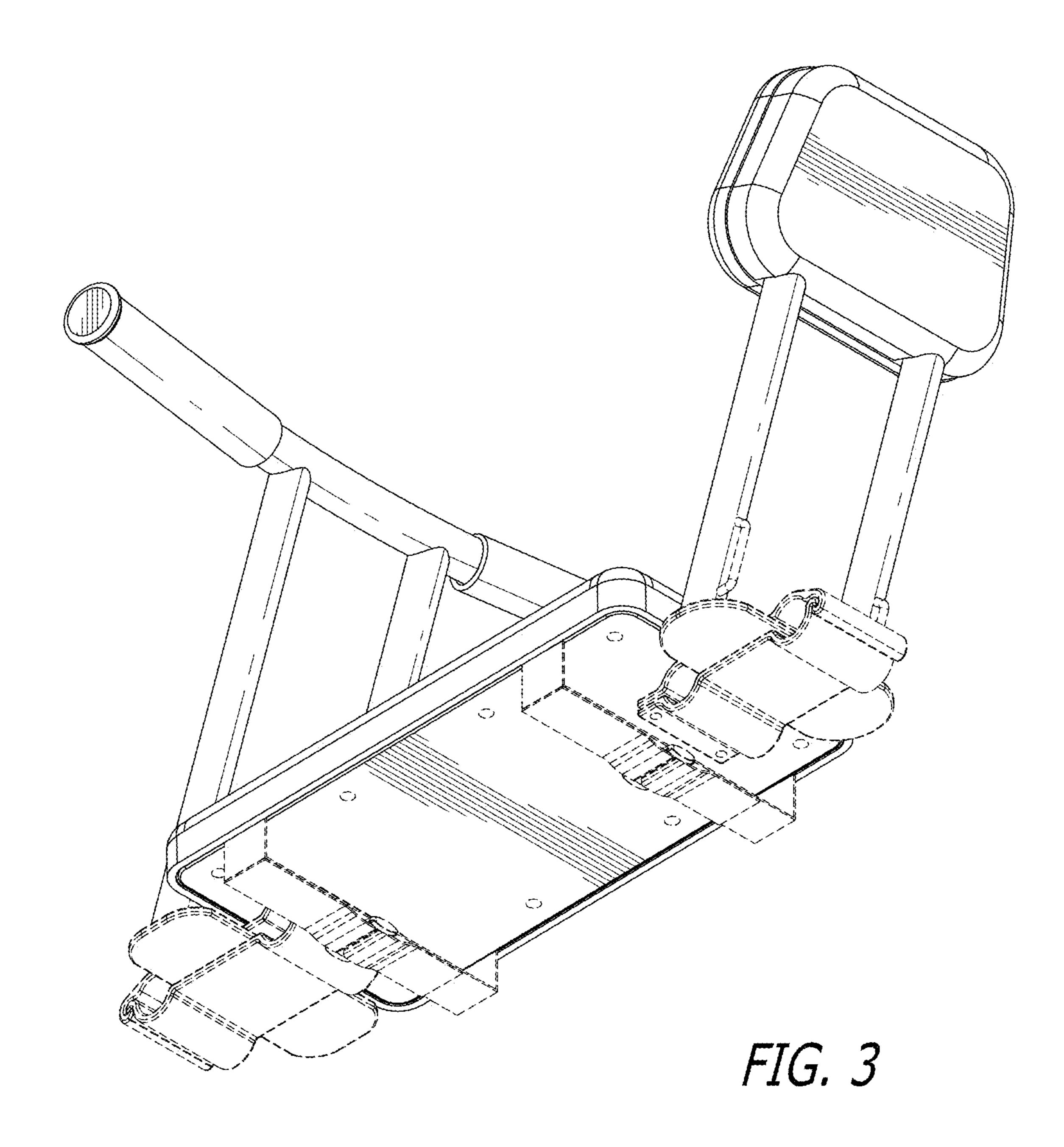
"Your old favorite kids' wagon-maker Radio Flyer is rolling out e-bikes for brownups," available online at shorturl.at/BY689 (5 pages).

International Search Report and Written Opinion issued to PCT/US22/31747, mailed Sep. 13, 2022 (27 pages).

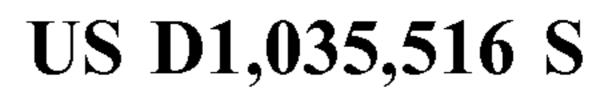
* cited by examiner







Jul. 16, 2024



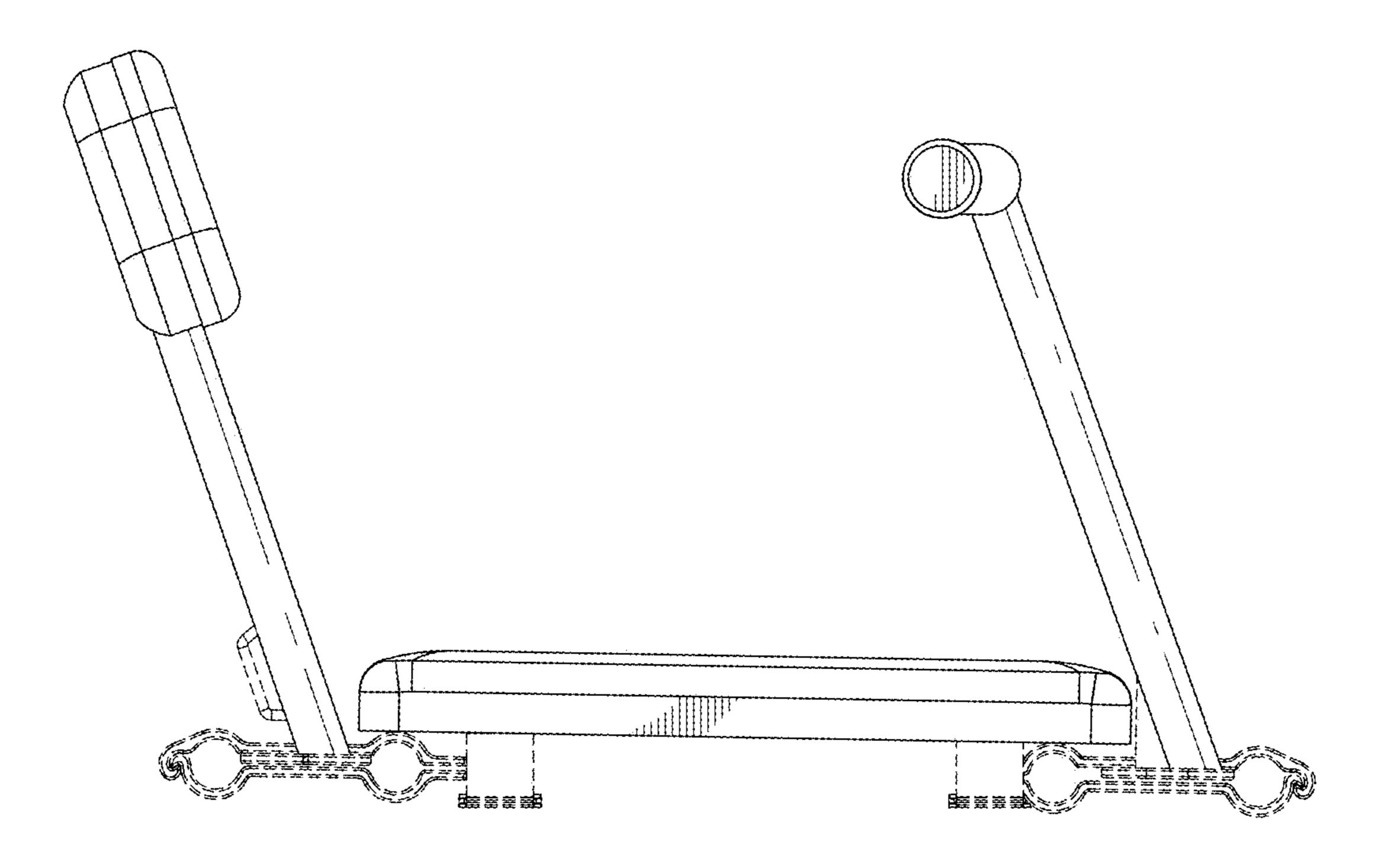


FIG. 4

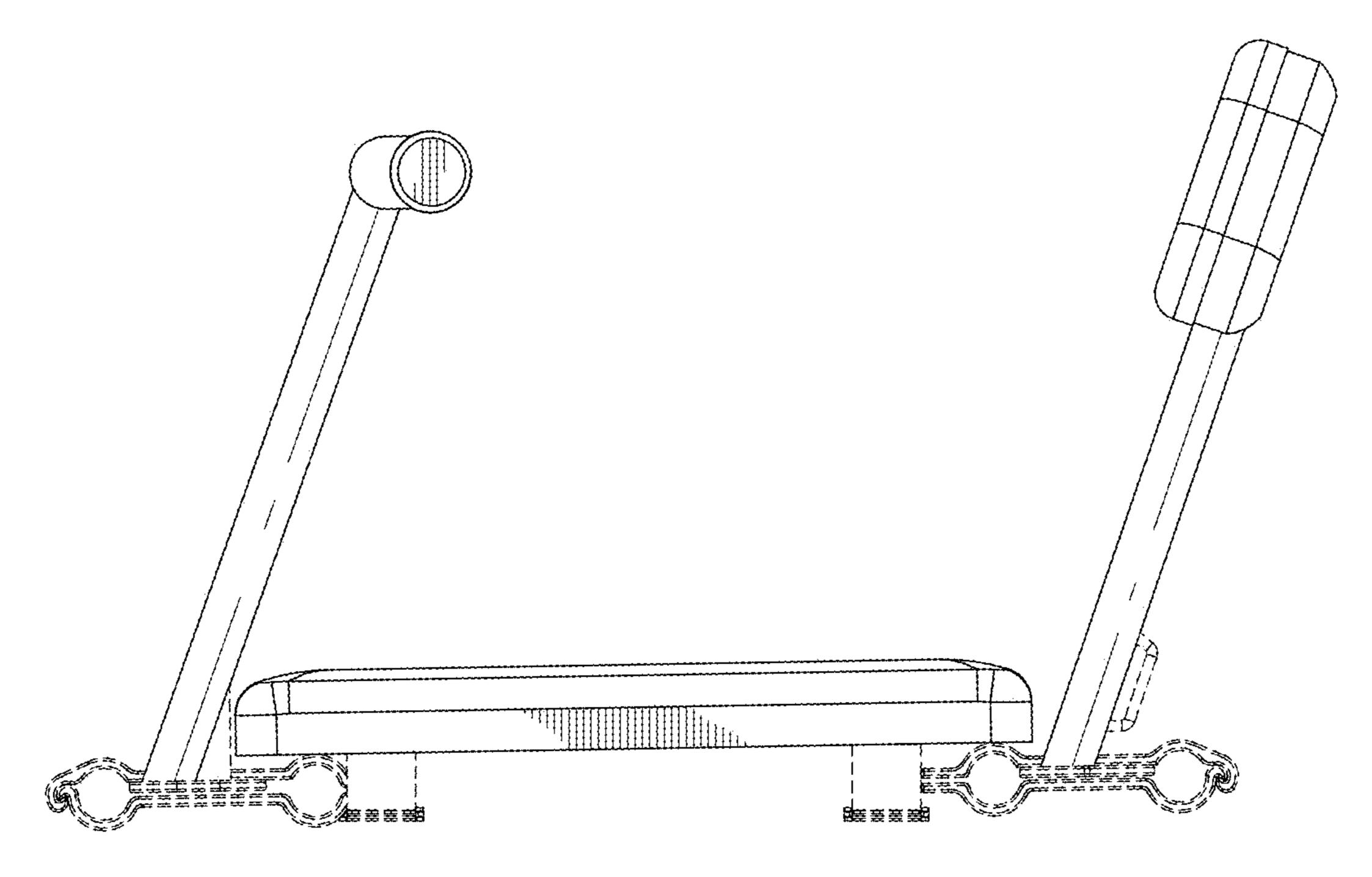


FIG. 5

