

US00D978545S

(12) **United States Design Patent** (10) **Patent No.:** **US D978,545 S**
Rogers, Jr. et al. (45) **Date of Patent:** **** *Feb. 21, 2023**

(54) **MODULAR HIGHCHAIR**

(56) **References Cited**

(71) Applicant: **KIDS2, INC.**, Atlanta, GA (US)

U.S. PATENT DOCUMENTS

(72) Inventors: **Bradford Rogers, Jr.**, Decatur, GA (US); **Frank M. Tyneski**, Roswell, GA (US); **John McMillan**, Lilburn, GA (US); **Tsz Kin Ho**, Hong Kong (CN); **Chai Wai Choi**, Hong Kong (CN); **Franco Lodato**, Sandy Springs, GA (US); **Weiran Chen**, Sammamish, WA (US); **Lorenz Bauer**, Eindhoven (NL); **Andre De Salis**, Pasadena, CA (US)

2,491,465 A 12/1949 Johnson
2,516,774 A 7/1950 Louis
(Continued)

FOREIGN PATENT DOCUMENTS

CA 79374 S 11/1996
CN 1859863 A 11/2006
(Continued)

OTHER PUBLICATIONS

(73) Assignee: **KIDS2, INC.**, Atlanta, GA (US)

Chicco, Stack-3-In-1-Highchair, webpage, <<https://www.chiccousa.com/stack-3-in-1-highchair/Stack-3-In-1-Highchair.html>>.

(*) Notice: This patent is subject to a terminal disclaimer.

(Continued)

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

Primary Examiner — Abraham Bahta

(21) Appl. No.: **29/750,954**

(74) *Attorney, Agent, or Firm* — Gardner Groff & Greenwald, PC

(22) Filed: **Sep. 17, 2020**

(57) **CLAIM**

(51) **LOC (14) Cl.** **06-01**

The ornamental design for a modular highchair, substantially as shown and described.

(52) **U.S. Cl.**

DESCRIPTION

USPC **D6/339**

(58) **Field of Classification Search**

USPC D6/333–336, 339, 344, 702, 716, D6/716.1–716.7; 297/183.1–183.4, 297/184.13, 184.15, 184.17, 250.1, 255, 297/256.1, 256.15, 219.12, 463.1; D12/129–130, 133; D21/412, 428, 419; 280/30–31; 5/94, 98.1, 99.1, 101–102, 5/105, 655, 93.1, 12.1; 24/200
CPC A47D 13/02; A47D 13/10; A47D 13/083; A47D 1/00; A47D 1/002; A47D 1/004; A47D 1/008; A47D 1/04; B60N 2/22; B60N 2/24; B60N 2/2821; B60N 2/02; B60N 2/10; B60N 2/16; B60N 2002/0212; B60N

FIG. 1 is a first perspective view of a modular highchair according to the design.

FIG. 2 is a second perspective view of the highchair of FIG. 1.

FIG. 3 is a front view of the highchair of FIG. 1.

FIG. 4 is a back view of the highchair of FIG. 1.

FIG. 5 is a side view of the highchair of FIG. 1, the opposite side view being substantially a mirror image thereof.

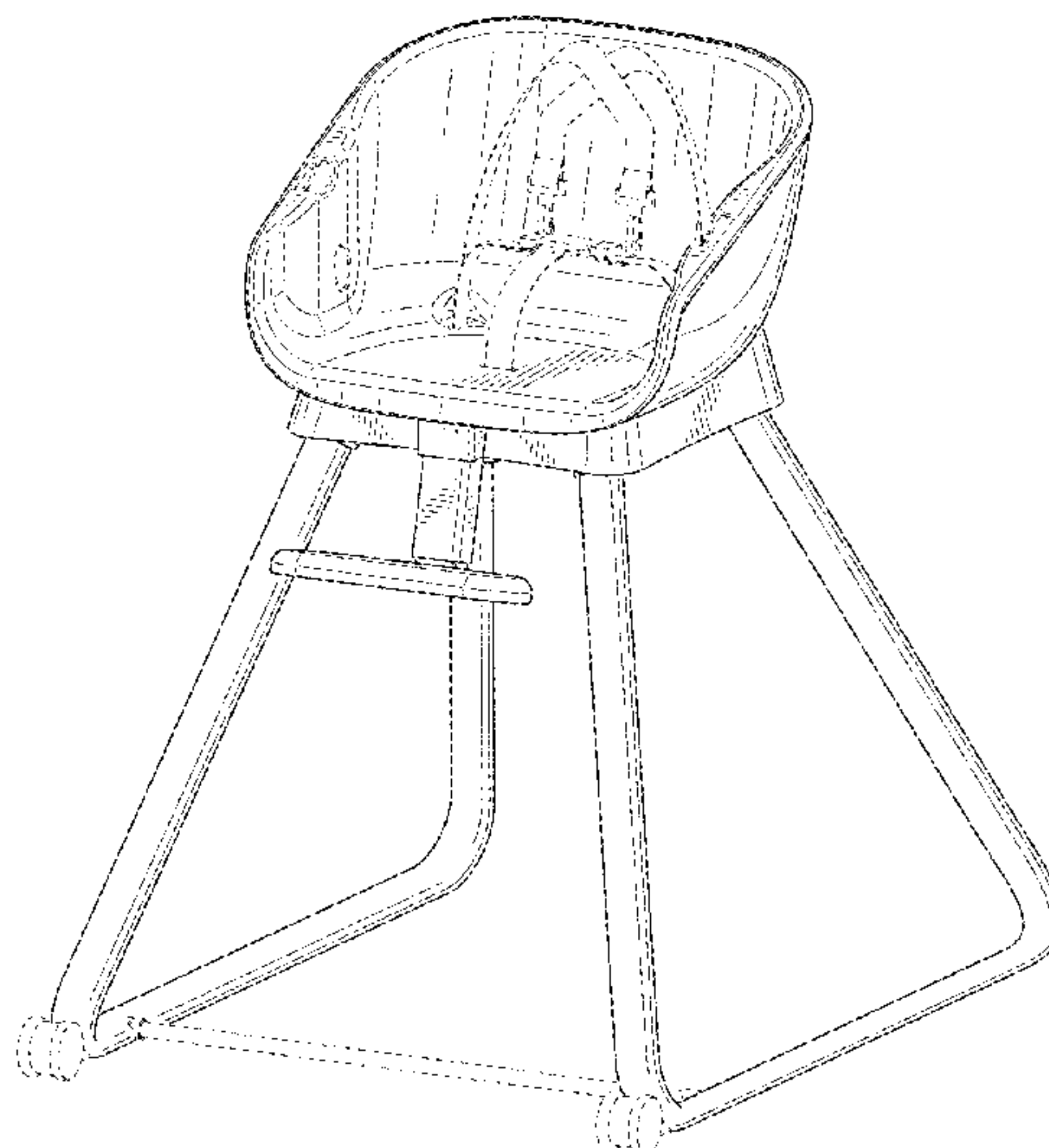
FIG. 6 is a top view of the highchair of FIG. 1; and,

FIG. 7 is a bottom view of the highchair of FIG. 1.

The broken line portions of the drawing figures are included to show portions of the article or environment that are not part of the claimed design.

(Continued)

1 Claim, 6 Drawing Sheets



US D978,545 S

Page 2

(58) Field of Classification Search

CPC 2002/0216; B60N 2002/022; A47C 3/00;
A47C 3/02; A47C 3/025; A47C 3/20
See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

2,535,563 A	12/1950	Boyer et al.	5,699,564 A	12/1997	Heh
2,665,742 A	1/1954	Charles	5,707,104 A	1/1998	Perego
2,731,072 A	1/1956	Post	D390,905 S	2/1998	Eldon et al.
2,762,161 A	9/1956	Danielson	5,806,922 A	9/1998	Mendelovich
2,788,056 A	4/1957	Parker	5,810,432 A	9/1998	Haut et al.
2,799,324 A	7/1957	Anderson	5,823,615 A	10/1998	Haut
2,963,076 A	12/1960	Hyman	5,829,830 A	11/1998	Maloney
2,971,567 A	2/1961	Kimmel	5,868,459 A	2/1999	Welsh, Jr.
2,984,291 A	5/1961	Kostenborder et al.	5,951,102 A	9/1999	Poulson et al.
3,047,333 A	7/1962	Stanimir	5,975,628 A	11/1999	Russell
3,269,771 A	8/1966	Edmund	6,000,750 A	12/1999	Rossman et al.
3,326,570 A	6/1967	Burnham et al.	6,010,184 A	1/2000	Lee et al.
3,331,631 A	7/1967	Pierson, Jr.	D427,822 S	7/2000	Greger
3,427,071 A	2/1969	Pierson, Jr.	6,089,653 A	7/2000	Hotaling et al.
3,516,709 A	6/1970	Donald	6,089,666 A	7/2000	Rosko
3,648,307 A	3/1972	Meade	D428,715 S	8/2000	Brevi
3,788,699 A	1/1974	Starr	6,098,217 A	8/2000	Hammil
3,849,812 A	11/1974	Walsh	6,123,321 A	9/2000	Miller
3,883,136 A	5/1975	Kim	6,142,565 A	11/2000	Rieder
4,105,247 A	8/1978	Saint	6,161,898 A	12/2000	Brevi
4,160,553 A	7/1979	Fleischer	6,174,028 B1	1/2001	Yang et al.
4,165,123 A	8/1979	Hutson	6,179,377 B1	1/2001	Harper
4,181,356 A	1/1980	Fleischer	6,189,166 B1	2/2001	Braine et al.
4,271,627 A	6/1981	Echterling	D440,412 S	4/2001	Huang
4,288,123 A	9/1981	Cone	D442,789 S *	5/2001	Presnell D6/339
4,580,833 A	4/1986	Waples	6,283,042 B1	9/2001	Wargo et al.
4,582,359 A	4/1986	Wise et al.	6,298,793 B1	10/2001	Turner et al.
D283,956 S	5/1986	Lemmeyer	6,347,830 B1	2/2002	Chen
4,640,033 A	2/1987	Bulger	6,347,833 B1	2/2002	Chen
D288,868 S	3/1987	Saltzman et al.	D454,007 S	3/2002	Huang
4,664,396 A	5/1987	Pietrafesa	6,361,106 B1	3/2002	Huang
4,664,640 A	5/1987	Shindo et al.	6,398,304 B1	6/2002	Chen et al.
4,702,523 A	10/1987	Schrader et al.	6,409,272 B1	6/2002	Martin et al.
4,712,833 A	12/1987	Swanson	6,416,124 B1	7/2002	Chen et al.
4,718,715 A	1/1988	Ho	6,419,312 B1	7/2002	Flannery et al.
4,744,599 A	5/1988	Jankowski et al.	6,421,901 B2	7/2002	Sitarski et al.
D297,685 S	9/1988	Wilson	6,484,989 B1	11/2002	Connery
4,842,331 A	6/1989	Waples	6,497,452 B2	12/2002	Catelli
4,854,638 A	8/1989	Marcus et al.	6,511,123 B1	1/2003	Sitarski et al.
4,921,369 A	5/1990	Chew, II	6,539,563 B1	4/2003	Hsia
4,946,180 A	8/1990	Baer	6,540,292 B2	4/2003	Darling et al.
4,951,997 A	8/1990	Kenney	6,550,857 B1	4/2003	Canton
4,968,091 A	11/1990	Mariol	6,560,827 B1	5/2003	Gross
4,968,092 A	11/1990	Giambrone	6,578,496 B2	6/2003	Guard et al.
5,010,826 A	4/1991	Kudlac	D477,719 S	7/2003	Chaudesurge
5,165,755 A	11/1992	Rho	6,594,840 B2	7/2003	Tomas et al.
5,178,438 A	1/1993	Beger	D478,219 S	8/2003	Greger
5,183,311 A	2/1993	Meeker et al.	D478,220 S	8/2003	Chang
5,238,291 A	8/1993	Alionis	D480,884 S	10/2003	Kane et al.
5,238,292 A	8/1993	Golenz et al.	6,631,950 B1	10/2003	Madole
5,254,007 A	10/1993	Eagan	6,679,779 B2	1/2004	Tai et al.
5,294,172 A	3/1994	Dubus	6,682,137 B2	1/2004	Hsia
5,348,374 A	9/1994	Kuo	6,684,422 B2	2/2004	Ginger
5,364,137 A	11/1994	Shimer	6,692,070 B1	2/2004	Hou et al.
5,375,869 A	12/1994	Hsiao	6,692,368 B1	2/2004	Hyun
5,383,711 A	1/1995	Houghteling	6,695,799 B2	2/2004	Kitadou et al.
D358,730 S	5/1995	Meeker et al.	6,715,827 B1	4/2004	Chen
5,468,051 A	11/1995	Huang	D491,736 S	6/2004	Kane et al.
5,474,355 A	12/1995	Lerner et al.	D492,519 S	7/2004	Nolan
D365,936 S	1/1996	Haut et al.	6,811,217 B2	11/2004	Kane et al.
5,480,211 A	1/1996	Douglas et al.	6,851,375 B2	2/2005	Guard et al.
5,489,138 A	2/1996	Mariol et al.	6,877,805 B1	4/2005	Steadman
5,507,550 A	4/1996	Maloney	D505,578 S	5/2005	Chen
5,527,090 A	6/1996	Cone, II	6,908,398 B1	6/2005	Kang
5,558,400 A	9/1996	Poulson et al.	6,951,371 B2	10/2005	Wang
5,562,548 A	10/1996	Pinch et al.	6,994,630 B2	2/2006	Paesang
5,564,778 A	10/1996	Shimer et al.	7,008,018 B2	3/2006	Chen
5,582,462 A	12/1996	Shea	7,011,363 B1	3/2006	Connery
5,586,800 A	12/1996	Triplett	7,021,825 B1	4/2006	Schultz
			7,029,064 B2	4/2006	Chen
			7,032,966 B2	4/2006	Myers
			7,066,542 B2	6/2006	Wang
			7,128,367 B2	10/2006	You et al.
			7,185,949 B2	3/2007	Finell
			7,201,440 B2	4/2007	Heck et al.
			7,252,333 B2	8/2007	Caldwell
			7,258,617 B2	8/2007	Chen
			7,261,370 B1	8/2007	Whitesell, Jr. et al.
			7,314,247 B1	1/2008	Chen et al.

(56)

References Cited

U.S. PATENT DOCUMENTS

7,318,380 B2	1/2008	Guard et al.	D737,584 S	9/2015	Marcuello
7,326,120 B2	2/2008	Bellows et al.	9,127,709 B2	9/2015	Shan
7,338,122 B2	3/2008	Hei et al.	9,155,403 B2	10/2015	Mountz et al.
7,393,050 B2	7/2008	Li	9,167,911 B2	10/2015	Vlosich
7,419,210 B2	9/2008	Nolan et al.	D742,125 S	11/2015	Mountz et al.
7,441,835 B2	10/2008	Chen et al.	D742,657 S	11/2015	Cross et al.
D579,673 S	11/2008	Mancuso et al.	9,173,503 B2	11/2015	Mountz et al.
7,475,937 B2	1/2009	McGrew et al.	D744,250 S	12/2015	Ruggiero et al.
7,490,558 B2	2/2009	Asbach et al.	9,200,746 B2	12/2015	Xiao
7,490,895 B2	2/2009	Yeh	9,216,359 B2	12/2015	Gilbert
7,497,461 B2	3/2009	Emerson	9,242,180 B2	1/2016	Gilbert et al.
7,506,922 B2	3/2009	Schulte et al.	9,339,118 B2	5/2016	Gubitosi et al.
D594,667 S	6/2009	Wang	9,351,587 B2	5/2016	Burns et al.
7,559,606 B2	7/2009	Hei et al.	9,351,588 B2	5/2016	Burns et al.
7,563,170 B2	7/2009	Bellows et al.	9,364,098 B2	6/2016	Fiore, III et al.
7,568,758 B2	8/2009	Troutman et al.	9,399,416 B2	7/2016	Cheng et al.
D618,001 S	6/2010	Bearup et al.	D764,818 S	8/2016	Nassif
D660,053 S	5/2012	Sclare et al.	9,404,528 B2	8/2016	Shan
8,276,985 B2	10/2012	Kho et al.	9,414,694 B2	8/2016	Arnold, IV et al.
8,287,044 B2	10/2012	Chen et al.	9,420,899 B2	8/2016	Merlo
8,292,365 B2	10/2012	Lu et al.	9,439,517 B2	9/2016	Cheng
8,297,694 B2	10/2012	Arnold, IV et al.	9,480,343 B2	11/2016	Haut et al.
8,308,229 B2	11/2012	Galley	9,554,657 B2	1/2017	Taylor et al.
8,308,230 B2	11/2012	Zhong	9,554,658 B2	1/2017	Horst et al.
8,308,578 B2	11/2012	Gilbert et al.	9,585,493 B2	3/2017	Haut et al.
8,316,481 B2	11/2012	Arnold, IV et al.	9,603,464 B2	3/2017	Sclare et al.
8,321,973 B2	12/2012	Bickley	9,629,476 B1	4/2017	Robbins et al.
8,360,514 B2	1/2013	Chen et al.	9,635,955 B2	5/2017	Greger
8,376,461 B2	2/2013	Chen	9,661,936 B2	5/2017	Lin et al.
8,382,390 B2	2/2013	Cheng	9,675,182 B2	6/2017	Longenecker
D677,912 S	3/2013	Gillett et al.	9,693,639 B2	7/2017	Corso et al.
8,398,096 B2	3/2013	Gower et al.	9,706,855 B2	7/2017	Gehring et al.
8,408,650 B2	4/2013	Jacobs et al.	9,750,351 B2	9/2017	Sack et al.
8,469,832 B2	6/2013	Gillett et al.	9,756,961 B2	9/2017	Haut
8,491,402 B2	7/2013	Yeh et al.	9,756,962 B2	9/2017	Perrin et al.
D689,703 S	9/2013	Oren et al.	9,757,660 B2	9/2017	Leibovics et al.
8,522,374 B2	9/2013	Sousa et al.	D799,839 S	10/2017	Wanders
8,590,969 B2	11/2013	Erb et al.	9,775,445 B2	10/2017	Burns et al.
8,602,490 B2	12/2013	Tsai et al.	9,844,278 B2	12/2017	Winterhalter
8,602,903 B2	12/2013	Gilbert	9,861,209 B2	1/2018	Arnold, IV et al.
8,602,904 B2	12/2013	Tuckey et al.	9,861,210 B2	1/2018	Tadipatri et al.
D699,955 S	2/2014	Chen	9,868,071 B2	1/2018	Gilbert et al.
8,677,533 B2	3/2014	Barron et al.	9,883,749 B2	2/2018	Kostyniak et al.
8,684,856 B2	4/2014	Pyrce et al.	9,895,005 B2	2/2018	Castilla
8,696,055 B2	4/2014	Stolarz et al.	9,907,411 B2	3/2018	Burns et al.
8,708,832 B2	4/2014	Gilbert et al.	9,918,561 B2	3/2018	Perrin et al.
8,746,794 B2	6/2014	Oren et al.	9,936,817 B2	4/2018	Horst et al.
8,752,903 B2	6/2014	Ponticelli	9,955,799 B2	5/2018	Tadipatri et al.
8,770,660 B2	7/2014	Chen et al.	9,968,204 B2	5/2018	Mountz et al.
8,784,225 B2	7/2014	Burns et al.	9,974,396 B2	5/2018	Sozzo et al.
8,789,882 B2	7/2014	Bergkvist	9,986,850 B2	6/2018	Haut et al.
8,795,097 B2	8/2014	Chapman et al.	10,016,068 B2	7/2018	Van Huystee et al.
8,806,673 B2	8/2014	Burkholder et al.	10,045,635 B2	8/2018	Mountz et al.
8,834,282 B2	9/2014	Sclare et al.	10,051,975 B2	8/2018	Taylor et al.
8,844,549 B2	9/2014	Mohamed	10,053,131 B2	8/2018	Ruggiero et al.
8,845,023 B2	9/2014	Chen et al.	10,080,443 B2	9/2018	Terhune et al.
8,845,440 B2	9/2014	Haut	10,092,113 B2	10/2018	Longenecker et al.
8,876,617 B2	11/2014	Robbins et al.	10,098,476 B2	10/2018	Winterhalter et al.
8,893,325 B2	11/2014	Arnold, IV et al.	10,106,187 B1	10/2018	Farrar et al.
RE45,281 E	12/2014	Erb et al.	10,154,738 B2	12/2018	Mountz
8,920,253 B2	12/2014	Horst et al.	10,231,555 B2	3/2019	Hopke et al.
D722,779 S	2/2015	Gov	10,278,513 B2	5/2019	Kostyniak et al.
8,943,622 B2	2/2015	Saint et al.	10,299,607 B2	5/2019	Kostyniak et al.
8,944,927 B2	2/2015	Huntsberger et al.	10,327,565 B2	6/2019	Sozzo et al.
8,967,710 B2	3/2015	Hu et al.	10,327,566 B2	6/2019	Mountz
8,979,197 B2	3/2015	Cheng et al.	10,413,085 B2	9/2019	Haut
8,984,682 B2	3/2015	Zhao	10,413,086 B2	9/2019	Waldman et al.
8,985,687 B2	3/2015	Mo	10,492,621 B2	12/2019	Ingraham et al.
9,033,417 B2	5/2015	Mo	10,561,254 B2	2/2020	Ingraham et al.
9,033,809 B2	5/2015	Haut et al.	10,681,993 B2	6/2020	Mountz et al.
9,039,079 B2	5/2015	Huntsberger et al.	D912,412 S *	3/2021	Kittilsen D6/339
9,089,225 B2	7/2015	Fiore, III et al.	D924,576 S *	7/2021	Dorca Pujol D6/339
9,101,225 B2	8/2015	Kostyniak et al.	D945,175 S *	3/2022	Rong D6/339
9,101,227 B2	8/2015	Zehfuss	2002/0033629 A1	3/2002	Riedl
9,113,721 B2	8/2015	Dignitti et al.	2002/0036416 A1	3/2002	Mendenhall et al.
			2002/0074835 A1	6/2002	Chalender
			2003/0218366 A1	11/2003	Rho
			2004/0026976 A1	2/2004	Chen et al.
			2005/0006930 A1	1/2005	Nolan et al.

(56)

References Cited**U.S. PATENT DOCUMENTS**

2005/0127722 A1 6/2005 Longenecker et al.
 2005/0146168 A1 7/2005 Nolan
 2005/0150050 A1 7/2005 Wolf et al.
 2006/0066142 A1 3/2006 Nolan et al.
 2006/0103178 A1 5/2006 Wun
 2006/0181123 A1 8/2006 Gibree
 2006/0220349 A1 10/2006 Wolf et al.
 2006/0225204 A1 10/2006 Bretschger et al.
 2006/0286893 A1 12/2006 Conaway
 2007/0010338 A1 1/2007 Wu et al.
 2007/0018490 A1 1/2007 Jones
 2007/0029845 A1 2/2007 Riedl et al.
 2007/0069566 A1 3/2007 Li
 2007/0075525 A1 4/2007 Nolan et al.
 2007/0085388 A1 4/2007 Nolan et al.
 2007/0096528 A1 5/2007 Nolan et al.
 2007/0145790 A1 6/2007 Ventrola
 2008/0079291 A1 4/2008 Cheng
 2008/0136236 A1 6/2008 Kincaid et al.
 2008/0146359 A1 6/2008 Godiska
 2008/0146361 A1 6/2008 Godiska
 2008/0149580 A1 6/2008 Hill
 2008/0179921 A1 7/2008 Lake et al.
 2008/0217983 A1 9/2008 Cheng
 2008/0229496 A1 9/2008 Wang
 2008/0290699 A1 11/2008 Golias
 2009/0081921 A1 3/2009 Urueta
 2009/0184547 A1 7/2009 Sclare et al.
 2009/0284050 A1 11/2009 Myers
 2010/0015882 A1 1/2010 Givens
 2010/0017959 A1 1/2010 Yoshe et al.
 2010/0162487 A1 7/2010 Chen et al.
 2010/0231018 A1 9/2010 Arnold, IV et al.
 2010/0231019 A1 9/2010 Berkey et al.
 2010/0314925 A1 12/2010 Hei et al.
 2011/0062676 A1 3/2011 Gower et al.
 2011/0074195 A1 3/2011 Hei et al.
 2011/0097017 A1 4/2011 Abrams
 2011/0227384 A1 9/2011 Huntsberger et al.
 2011/0260507 A1 10/2011 Parness et al.
 2012/0036635 A1 2/2012 Lapointe
 2012/0267925 A1 10/2012 Hei et al.
 2012/0286545 A1 11/2012 Cheng
 2013/0099545 A1 4/2013 Cheng
 2013/0292984 A1 11/2013 You et al.
 2013/0319884 A1 12/2013 Gomez
 2013/0320726 A1 12/2013 Teng
 2014/0070061 A1 3/2014 Tsai
 2014/0368006 A1 12/2014 Taylor et al.
 2015/0137565 A1 5/2015 Kho et al.
 2015/0272341 A1 10/2015 Perrin et al.
 2015/0289676 A1 10/2015 Huntsberger et al.
 2015/0289677 A1 10/2015 Huntsberger et al.
 2015/0335170 A1 11/2015 Castilla
 2016/0066708 A1 3/2016 Sclare
 2016/0242565 A1 8/2016 Van Den Akker
 2016/0270556 A1 9/2016 Sack et al.
 2016/0286978 A1 10/2016 Sclare et al.
 2016/0309909 A1 10/2016 Costello et al.
 2016/0309910 A1 10/2016 Sclare
 2016/0316932 A1 11/2016 Gomez
 2016/0324330 A1 11/2016 Xu
 2016/0338517 A1 11/2016 Snowden
 2017/0112294 A1 4/2017 Taylor et al.
 2017/0196373 A1 7/2017 Sclare et al.
 2017/0215600 A1 8/2017 Gunnigle
 2017/0251826 A1 9/2017 Sclare et al.
 2017/0251830 A1 9/2017 Sclare et al.
 2017/0251831 A1 9/2017 Perrin
 2018/0042399 A1 2/2018 Greger
 2018/0049585 A1 2/2018 Crosby

2018/0070738 A1 3/2018 Burns et al.
 2018/0070739 A1 3/2018 Arnold, IV et al.
 2018/0098641 A1 4/2018 Kapanzhi et al.
 2018/0116423 A1 5/2018 Warjanka
 2018/0236904 A1 8/2018 Lehman et al.
 2018/0263379 A1 9/2018 Cheng
 2018/0279799 A1 10/2018 Ingraham et al.
 2018/0279800 A1 10/2018 Terhune et al.
 2018/0279801 A1 10/2018 Ingraham et al.
 2019/0059609 A9 2/2019 Sclare et al.
 2019/0059610 A1 2/2019 Chen
 2019/0059611 A1 2/2019 Burns et al.
 2019/0104861 A1 4/2019 Patel
 2019/0216230 A1 7/2019 Kostyniak et al.
 2019/0231087 A1 8/2019 Dziak et al.
 2019/0246809 A1 8/2019 Fredankey, Sr.
 2020/0008587 A1 1/2020 Webb
 2020/0015599 A1 1/2020 Mountz et al.

FOREIGN PATENT DOCUMENTS

CN 1939790 A 4/2007
 CN 200966494 Y 10/2007
 CN 201022541 Y 2/2008
 CN 201303752 Y 9/2009
 CN 1939790 B 8/2010
 CN 102028367 A 4/2011
 CN 101606802 B 6/2011
 CN 201870215 U 6/2011
 CN 102371917 B 6/2013
 CN 203168594 U 9/2013
 CN 102835854 B 6/2015
 CN 204410270 U 6/2015
 CN 102795124 B 4/2016
 CN 104223845 B 4/2017
 CN 108294554 A 7/2018
 CN 110025165 A 7/2019
 CN 110269433 A 9/2019
 DE 20307191 U1 8/2003
 DE 10316193 A1 11/2003
 DE 102014118357 A1 6/2015
 EP 0534215 A1 3/1993
 EP 1396216 A1 3/2004
 EP 1764282 A2 3/2007
 EP 2671471 A1 12/2013
 EP 3320810 B1 7/2020
 FR 2992152 A3 12/2013
 GB 2465267 A 5/2010
 GB 2495965 A 5/2013
 GB 2517268 A 2/2015
 GB 2507834 B 6/2015
 GB 2517268 B 8/2016
 GB 2548240 A 9/2017
 TW 585057 U 4/2004
 TW 595349 U 6/2004
 TW 595350 U 6/2004
 TW 425924 B 2/2014
 TW 449507 B 8/2014
 WO 1997016095 A1 5/1997
 WO 2000010431 A1 3/2000
 WO 2008013566 A1 1/2008
 WO 2008012025 A3 4/2008
 WO 2008044009 A1 4/2008
 WO 2010107453 A1 9/2010
 WO 2019073268 A1 4/2019

OTHER PUBLICATIONS

Song, Peng, Reconfigurable Interlocking Furniture (Siggraph Asia 2017), Youtube video, <<https://www.youtube.com/watch?v=fCGOsLpz7P8>>, Aug. 26, 2017.

* cited by examiner

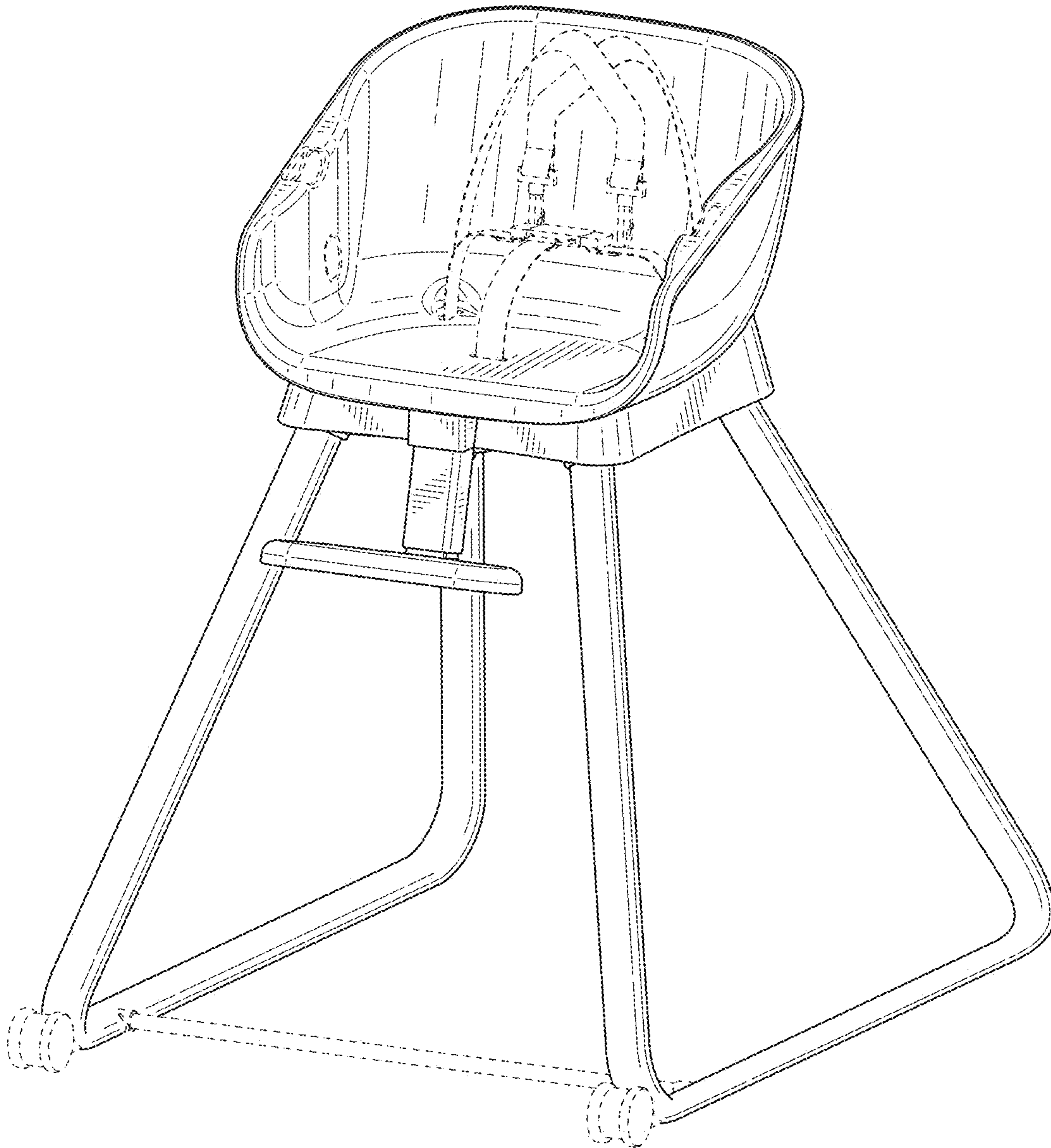


Fig. 1

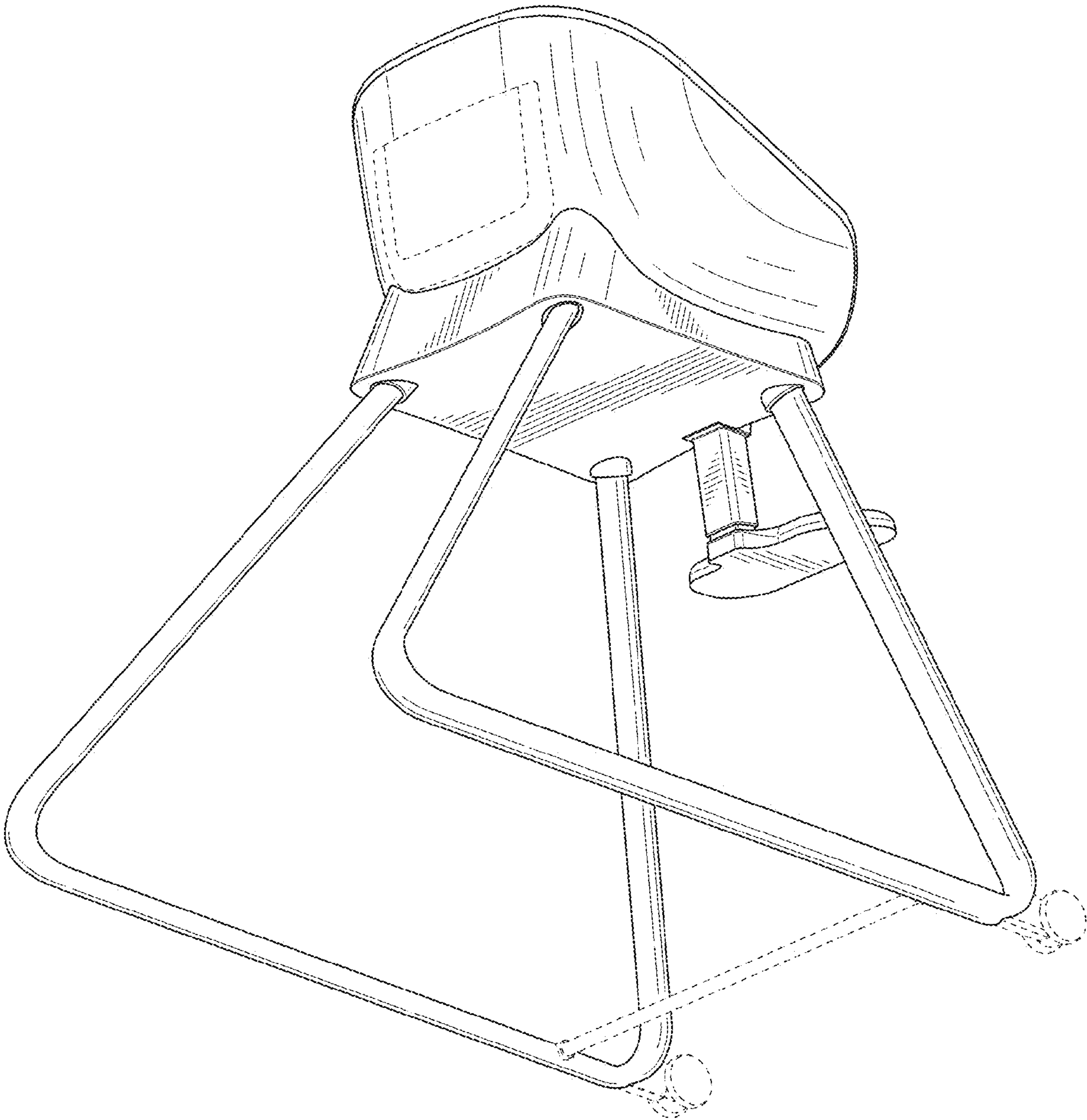


FIG. 2

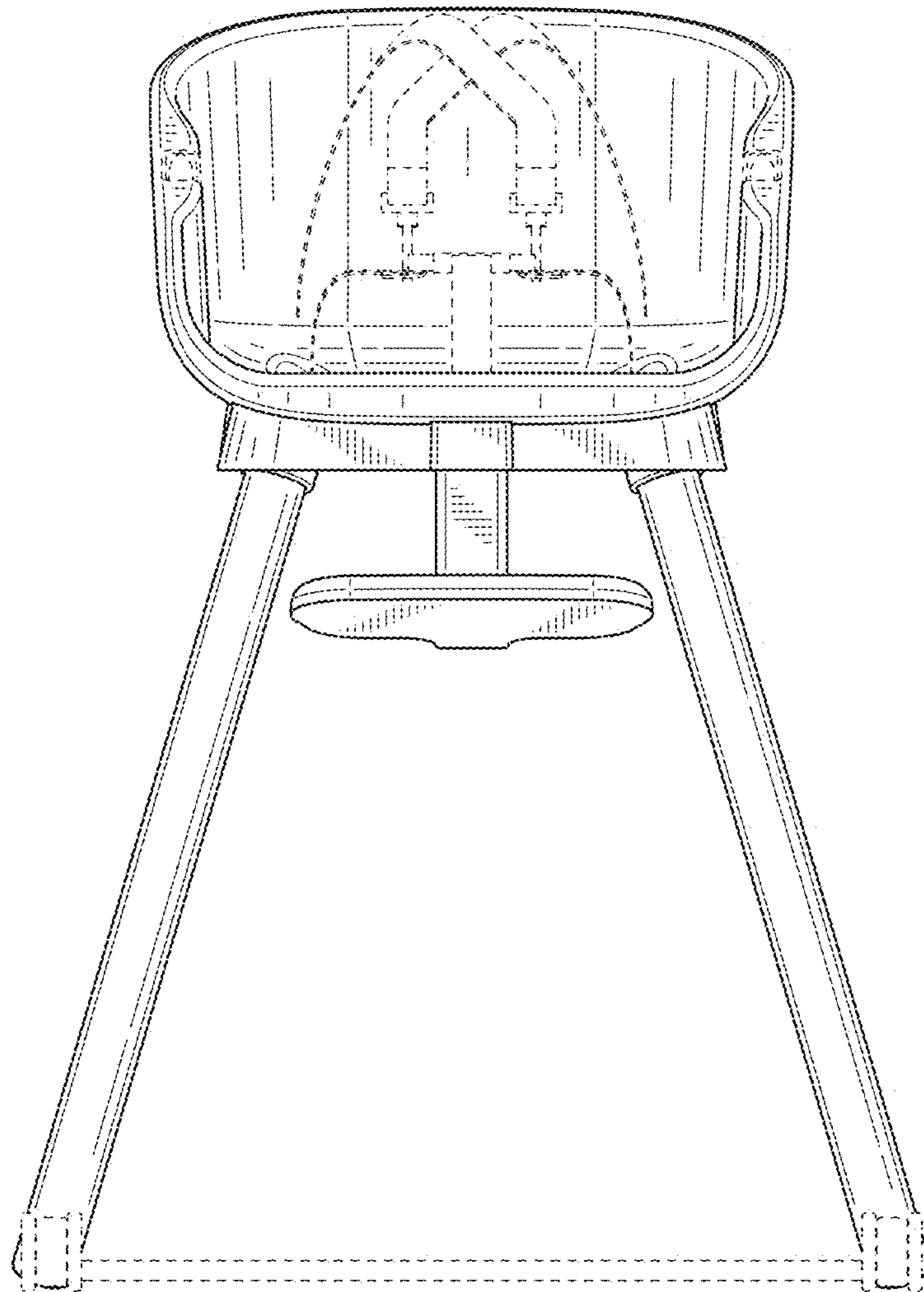


Fig. 3

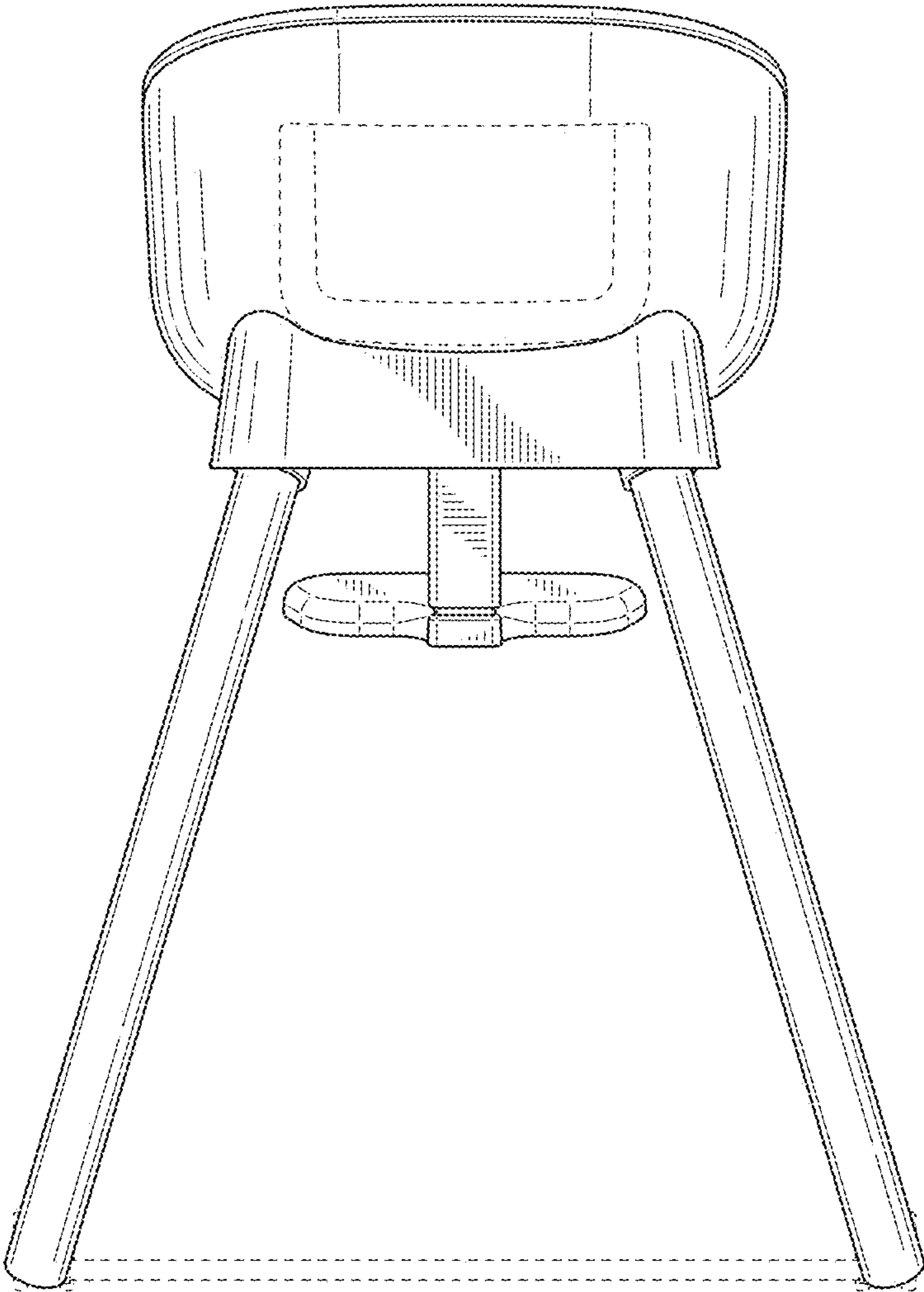


FIG. 4



Fig. 5

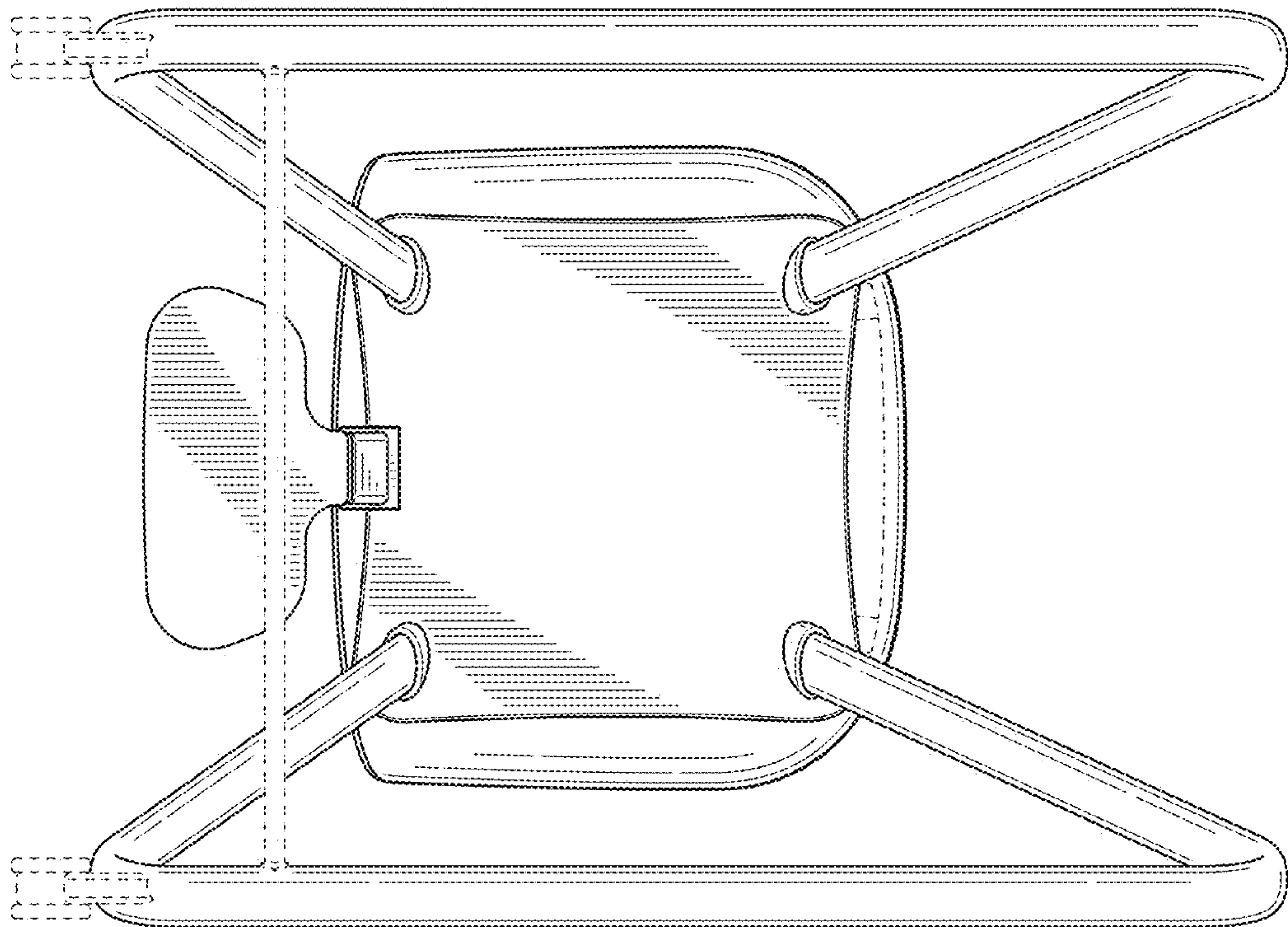


Fig. 7

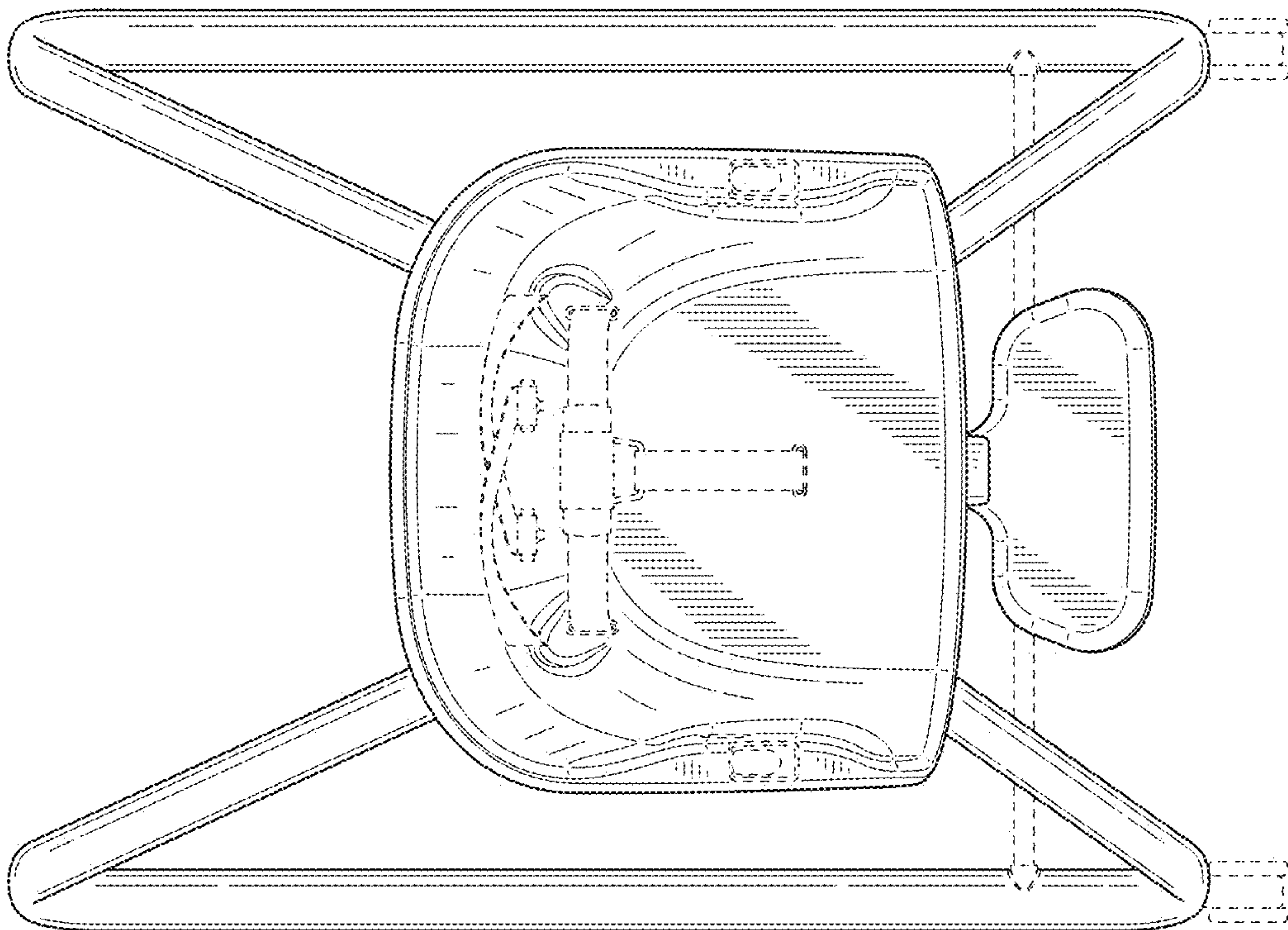


Fig. 8