

US00D723851S

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

(10) **Patent No.:** **US D723,851 S**
(45) **Date of Patent:** **** Mar. 10, 2015**

(54) **BACKREST SUPPORT**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **Herman Miller, Inc.**, Zeeland, MI (US)

DE 12 82 262 A1 11/1968
DE 37 33 287 A1 4/1989

(72) Inventors: **Claudia Plikat**, Berlin (DE); **Johann Burkhard Schmitz**, Berlin (DE); **Carola Eva Marianne Zwick**, Berlin (DE); **Roland Rolf Otto Zwick**, Berlin (DE)

(Continued)

OTHER PUBLICATIONS

Digital image of "Ypsilon" by Vitra, date unknown, but published prior to Jun. 7, 2013, 1 page.

(Continued)

(73) Assignee: **Herman Miller, Inc.**, Zeeland, MI (US)

(**) Term: **14 Years**

Primary Examiner — Ricky Pham

(21) Appl. No.: **29/486,270**

(74) *Attorney, Agent, or Firm* — Brinks Gilson & Lione

(22) Filed: **Mar. 27, 2014**

(57) **CLAIM**

The ornamental design for a backrest support, as shown and described.

Related U.S. Application Data

DESCRIPTION

(62) Division of application No. 29/457,262, filed on Jun. 7, 2013, now Pat. No. Des. 703,457.

(51) **LOC (10) Cl.** **06-01**

(52) **U.S. Cl.**
USPC **D6/716.4**; D6/366

(58) **Field of Classification Search**
CPC A47C 3/04; A47C 5/043; A47C 7/405
USPC D6/334-336, 360-381, 716,
D6/716.1-716.7; 297/396, 397, 284.4,
297/411.28, 440.2, 452.21, 452.26, 452.29,
297/452.3, 452.32, 452.35, 452.48, 411.13,
297/446.1

See application file for complete search history.

FIG. 1 is a perspective view of a backrest support;
FIG. 2 is right side view of the backrest support shown in FIG. 1, with a left side view being a mirror image thereof;
FIG. 3 is a front view of the backrest support shown in FIG. 1, wherein Applicants disclaim the portion of the backrest support as obscured by a body support member shown in broken lines;
FIG. 4 is a rear view of the backrest support shown in FIG. 1;
FIG. 5 is a top view of the backrest support shown in FIG. 1, Applicants disclaim the portion of the backrest support as obscured by a body support member shown in broken lines;
FIG. 6 is a bottom view of the backrest support shown in FIG. 1;
FIG. 7 is alternative front view of the backrest support shown in FIG. 1; and,
FIG. 8 is an alternative top view of the backrest support shown in FIG. 1.
The broken lines shown in the drawings are for illustrative purposes only and form no part of the claimed design.

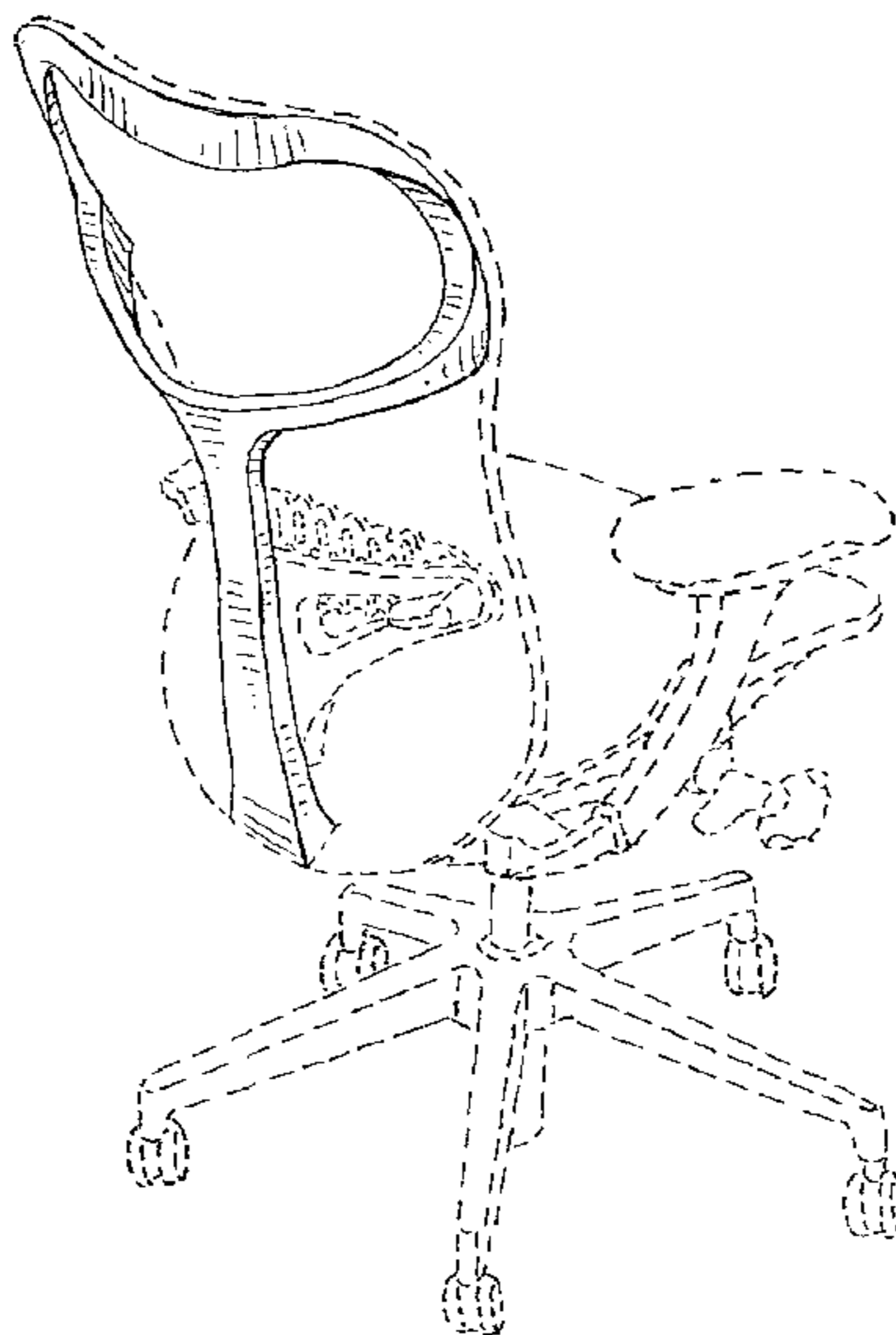
(56) **References Cited**

U.S. PATENT DOCUMENTS

2,124,634 A 7/1938 Russell et al.
2,709,484 A * 5/1955 Lamb 297/411.43

(Continued)

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

3,133,765 A	5/1964	Kramer	D471,370 S	3/2003	Schmitz et al.
D201,355 S	6/1965	Cavalli	6,540,950 B1	4/2003	Coffield
3,877,750 A	4/1975	Scholpp	6,564,400 B2	5/2003	Kelly et al.
4,108,492 A	8/1978	Kirby	D476,821 S	7/2003	Koepke et al.
4,189,180 A	2/1980	Klein	D477,151 S	7/2003	Koepke et al.
4,216,184 A	8/1980	Thomas	6,590,364 B2	7/2003	Rogers, III et al.
4,267,680 A	5/1981	Delattre	6,604,302 B2	8/2003	Polegato Moretti
4,339,488 A	7/1982	Brokmann	D487,857 S	3/2004	Brown
D273,728 S	5/1984	Cafiero	D488,868 S	4/2004	Lundrigan
4,451,085 A	5/1984	Franck et al.	D490,994 S	6/2004	Schmitz et al.
4,465,534 A	8/1984	Zelkowitz	6,755,477 B2	6/2004	Chow
4,471,018 A	9/1984	Kritchevsky et al.	D494,789 S	8/2004	Brown
4,474,840 A	10/1984	Adams	D494,792 S	8/2004	Schmitz et al.
4,529,246 A	7/1985	Leib	6,880,886 B2	4/2005	Bodnar et al.
4,556,254 A	12/1985	Roberts	6,926,856 B2	8/2005	Hus et al.
4,639,042 A	1/1987	Lange	6,932,430 B2	8/2005	Bedford et al.
4,676,553 A *	6/1987	Lange 297/446.1	6,969,114 B2	11/2005	Keilhauer
4,722,569 A	2/1988	Morgenstern et al.	6,983,997 B2	1/2006	Wilkerson et al.
4,740,417 A	4/1988	Tornero	7,004,917 B2	2/2006	Henderson et al.
4,915,448 A	4/1990	Morgenstern et al.	7,165,811 B2	1/2007	Bodnar et al.
5,003,649 A	4/1991	Kelly	D536,557 S	2/2007	Lee
5,019,119 A	5/1991	Hare, Sr.	D540,578 S *	4/2007	Chen D6/502
5,034,173 A	7/1991	Altman et al.	7,226,130 B2	6/2007	Tubergen et al.
5,204,170 A	4/1993	Kuyzin	7,249,802 B2	7/2007	Schmitz et al.
D346,279 S	4/1994	Stumpf et al.	D548,992 S *	8/2007	Koepke et al. D6/366
D355,534 S	2/1995	Saotome	7,264,311 B2	9/2007	Heidmann
5,456,976 A	10/1995	LaMarca, II et al.	7,311,686 B1	12/2007	Iglesias et al.
5,486,035 A	1/1996	Koepke et al.	D558,994 S *	1/2008	Machael et al. D6/366
5,662,383 A	9/1997	Hand	7,326,044 B2	2/2008	Kirchner
5,685,606 A	11/1997	Lance	7,360,835 B2	4/2008	Tubergen et al.
5,716,686 A	2/1998	Black	D573,817 S *	7/2008	Su D6/502
5,797,652 A	8/1998	Darbyshire	7,396,500 B2	7/2008	Wani et al.
5,860,700 A	1/1999	Lance	D574,645 S *	8/2008	Christensen D6/502
5,871,256 A	2/1999	Kogai	D576,416 S *	9/2008	Su D6/366
D407,570 S	4/1999	Frauenberger	7,441,758 B2	10/2008	Coffield et al.
5,904,400 A	5/1999	Wei	D580,199 S *	11/2008	Su D6/502
5,934,758 A	8/1999	Ritch et al.	D585,205 S *	1/2009	Wen D6/366
5,935,364 A	8/1999	Groendal et al.	D591,986 S	5/2009	Schmitz et al.
5,975,632 A	11/1999	Ginat	D594,681 S	6/2009	Dauphin
D417,792 S	12/1999	Hansen et al.	D596,884 S *	7/2009	Wen D6/502
6,024,712 A	2/2000	Iglesias et al.	D597,772 S	8/2009	True
D422,802 S	4/2000	Deacon	7,637,570 B2	12/2009	Becker et al.
D423,259 S	4/2000	Grove	D609,036 S	2/2010	Miller et al.
D423,260 S	4/2000	Grove	D612,642 S	3/2010	Cassaday
D424,824 S	5/2000	Chu	7,670,306 B2	3/2010	Nordt, III et al.
6,062,649 A	5/2000	Nagel et al.	7,794,022 B2	9/2010	Caruso et al.
6,099,076 A	8/2000	Nagel et al.	7,841,666 B2 *	11/2010	Schmitz et al. 297/440.2
D431,400 S	10/2000	Grove	7,926,879 B2	4/2011	Schmitz et al.
6,127,012 A	10/2000	Nagatsuna et al.	7,992,936 B2	8/2011	Schmitz et al.
6,146,564 A	11/2000	Beckmann	D645,683 S *	9/2011	Chen D6/502
D434,918 S	12/2000	Arko et al.	D645,684 S *	9/2011	Chen D6/502
6,165,404 A	12/2000	Savonuzzi	D661,120 S *	6/2012	Su D6/379
6,179,384 B1	1/2001	DeKraker et al.	D667,244 S *	9/2012	Su D6/502
D437,701 S	2/2001	Bellini et al.	D668,481 S *	10/2012	Hsuan-Chin D6/502
6,189,971 B1	2/2001	Witzig	D669,286 S *	10/2012	Pan D6/502
D440,419 S	4/2001	Röder	8,282,169 B2	10/2012	Schmitz et al.
D442,790 S	5/2001	Simons, Jr. et al.	D679,107 S *	4/2013	Darrow et al. D6/366
D442,791 S	5/2001	Simons, Jr. et al.	D687,660 S *	8/2013	Hsuan-Chin D6/716.4
6,241,930 B1	6/2001	Harrison	D698,192 S *	1/2014	Giugiaro D6/716
D444,309 S	7/2001	Nagamitsu	D703,457 S *	4/2014	Plikat et al. D6/366
D444,955 S	7/2001	Su	D706,068 S *	6/2014	Tsai D6/716.4
6,254,186 B1	7/2001	Falzon	D706,566 S *	6/2014	Giugiaro D6/716.4
D449,174 S	10/2001	Neil	D708,882 S *	7/2014	Hsuan-Chin D6/716.4
D451,293 S	12/2001	Su	2001/0042946 A1	11/2001	Schlieber et al.
D453,079 S	1/2002	Ma	2002/0195863 A1	12/2002	Su
D456,159 S	4/2002	Ball et al.	2003/0001310 A1	1/2003	Masterson et al.
D456,626 S	5/2002	Su	2003/0080595 A1	5/2003	Wilkerson et al.
D456,650 S	5/2002	Ball et al.	2003/0168901 A1	9/2003	Wilkerson et al.
D457,023 S	5/2002	Ball et al.	2004/0021348 A1	2/2004	Bourgeois et al.
D457,739 S	5/2002	Pearce et al.	2004/0145221 A1	7/2004	Suzuki
D461,323 S	8/2002	Su	2004/0231941 A1	11/2004	Van Hoyer et al.
6,439,661 B1	8/2002	Bräuning	2005/0012234 A1	1/2005	Kindig et al.
6,447,706 B1	9/2002	Savonuzzi	2005/0166317 A1	8/2005	Kelly
6,475,937 B1	11/2002	Preisler et al.	2005/0206210 A1	9/2005	Coffield
D471,042 S	3/2003	Schmitz et al.	2005/0258678 A1	11/2005	Wilkerson et al.
			2006/0006715 A1	1/2006	Chadwick et al.
			2006/0022506 A1	2/2006	Chan
			2006/0024473 A1	2/2006	Coffield
			2006/0079144 A1	4/2006	Klisch et al.

(56)

References Cited

U.S. PATENT DOCUMENTS

2006/0138849	A1	6/2006	Wilkerson et al.
2006/0225666	A1	10/2006	Axelrod
2006/0275586	A1	12/2006	Hus et al.
2007/0035064	A1	2/2007	Coffield
2007/0102987	A1	5/2007	Chen
2007/0199797	A1	8/2007	Sell et al.
2008/0017304	A1	1/2008	Sell et al.
2008/0050551	A1	2/2008	Cleereman et al.
2008/0284229	A1	11/2008	Masunaga et al.
2008/0295950	A1	12/2008	Mack et al.
2009/0102268	A1	4/2009	Schmitz et al.
2009/0127905	A1*	5/2009	Schmitz et al. 297/284.4
2009/0318843	A1	12/2009	Van Holten et al.
2010/0080980	A1	4/2010	Maheshwari et al.
2010/0117433	A1	5/2010	Cassaday
2010/0289308	A1	11/2010	Schmitz et al.

FOREIGN PATENT DOCUMENTS

DE	41 32 413	A1	4/1993
DE	42 28 283	A1	3/1994
EP	0 004 521	A2	10/1979
EP	0 049 310	A1	4/1982
EP	0 475 198	A2	3/1992
EP	0 517 615	A1	12/1992
EP	1 649 999	A2	4/2006
EP	1 946 676	A1	7/2008
EP	2 039 271	A1	3/2009
EP	2 110 050	A1	10/2009
JP	57-029422	A	2/1982
JP	02-150321	A	6/1990
JP	11-090999	A	4/1999
JP	2001-078852	A	3/2001
NL	196701661	A	10/1967
WO	WO 86/07528	A1	12/1986
WO	WO 93/25121	A1	12/1993
WO	WO 94/12334	A1	6/1994
WO	WO 96/09160	A1	3/1996
WO	WO 98/19879	A1	5/1998
WO	WO 99/38465	A1	8/1999
WO	WO 00/22961	A1	4/2000
WO	WO 00/74531	A2	12/2000
WO	WO 2004/011223	A1	2/2004

WO	WO 2004/023934	A2	3/2004
WO	WO 2004/107915	A2	12/2004
WO	WO 2007/058937	A2	5/2007
WO	WO 2007/100522	A1	9/2007
WO	WO 2007/110737	A2	10/2007
WO	WO 2010/071719	A1	6/2010

OTHER PUBLICATIONS

Digital image of "Project 2000" by Sitag, date unknown, but published prior to Jun. 7, 2013, 1 page.

Digital image of "Fluid" by allseating, date unknown, but published prior to Jun. 7, 2013, 1 page.

Digital image of "HAG H05" by HAG, date unknown, but published prior to Jun. 7, 2013, 1 page.

Digital image of "Konca" by Kastel, date unknown, but published prior to Jun. 7, 2013, 1 page.

Digital image of "Vigor"/Topdeq, date unknown, but published prior to Jun. 7, 2013, 1 page.

Digital image of "NetWeb"/Topdeq, date unknown, but published prior to Jun. 7, 2013, 1 page.

Digital image of "Lucy" by Vecta, date unknown, but published prior to Jun. 7, 2013, 1 page.

Digital image of "Open up"/Cairo, date unknown, but published prior to Jun. 7, 2013, 1 page.

Digital image of "IB Office" Seating by Bieffe, date unknown, but published prior to Jun. 7, 2013, 1 page.

Digital image of "Freedom" by Humanscale, date unknown, but published prior to Jun. 7, 2013, 1 page.

Digital image of "Cordo" by Klöber, date unknown, but published prior to Jun. 7, 2013, 1 page.

Digital images of "Please" by Steelcase, date unknown, but published prior to Jun. 7, 2013, 1 page.

Knoblauch, M. et al., "Umspritzen Schafft Den Durchbruch," Kunststoffberater (Plastic Advisor), vol. 40, Oct. 1999, pp. 40-41 (with English translation), 7 pages.

"X99 Haworth®" brochure, date unknown, but published prior to Jun. 7, 2013, 4 pages.

"Ypsilon vitra." brochure, date unknown, but published prior to Jun. 7, 2013, 27 pages.

Izzydesign "Maxwell" brochure, date unknown, but published prior to Jun. 7, 2013, 1 page.

* cited by examiner

FIG. 2

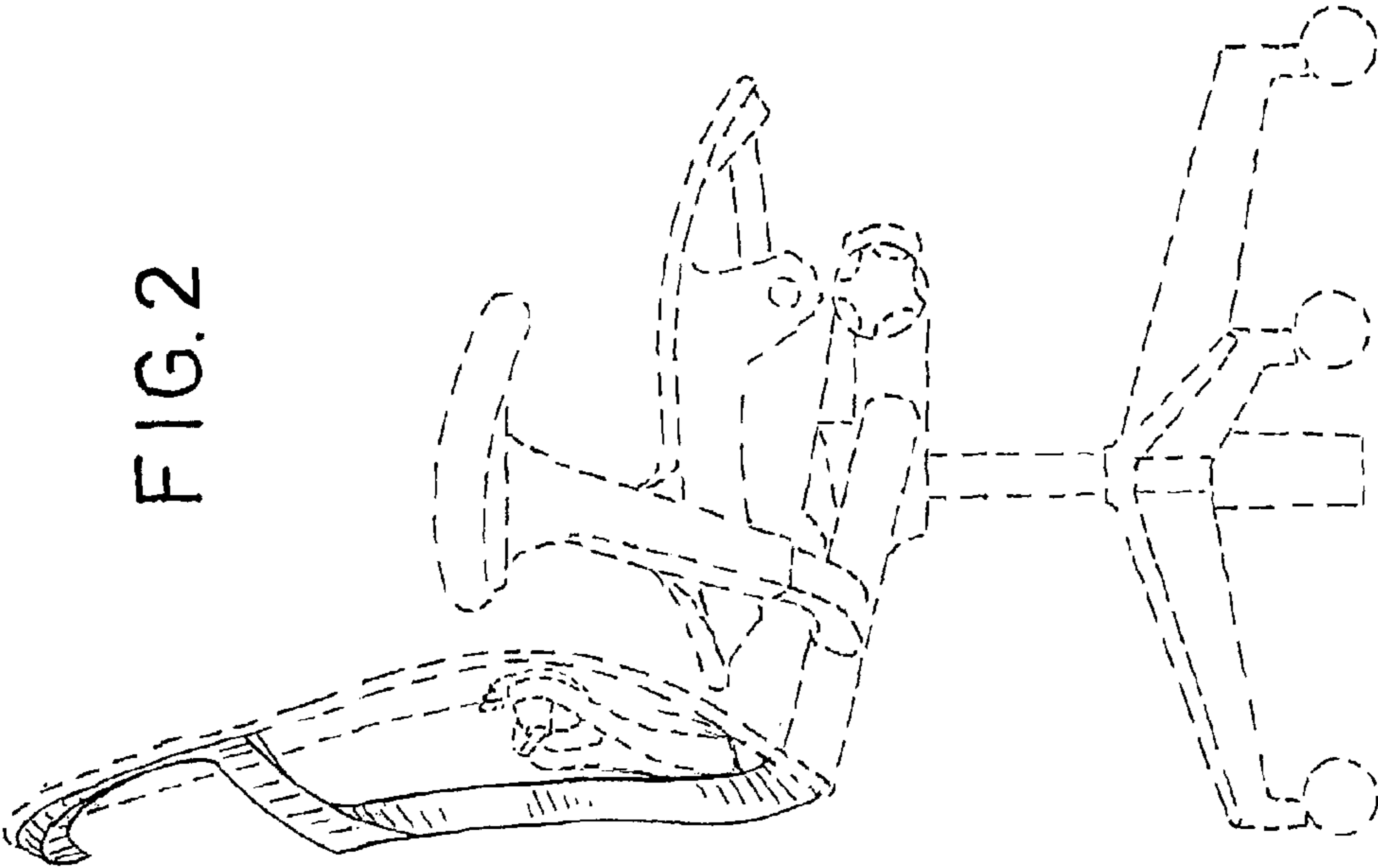
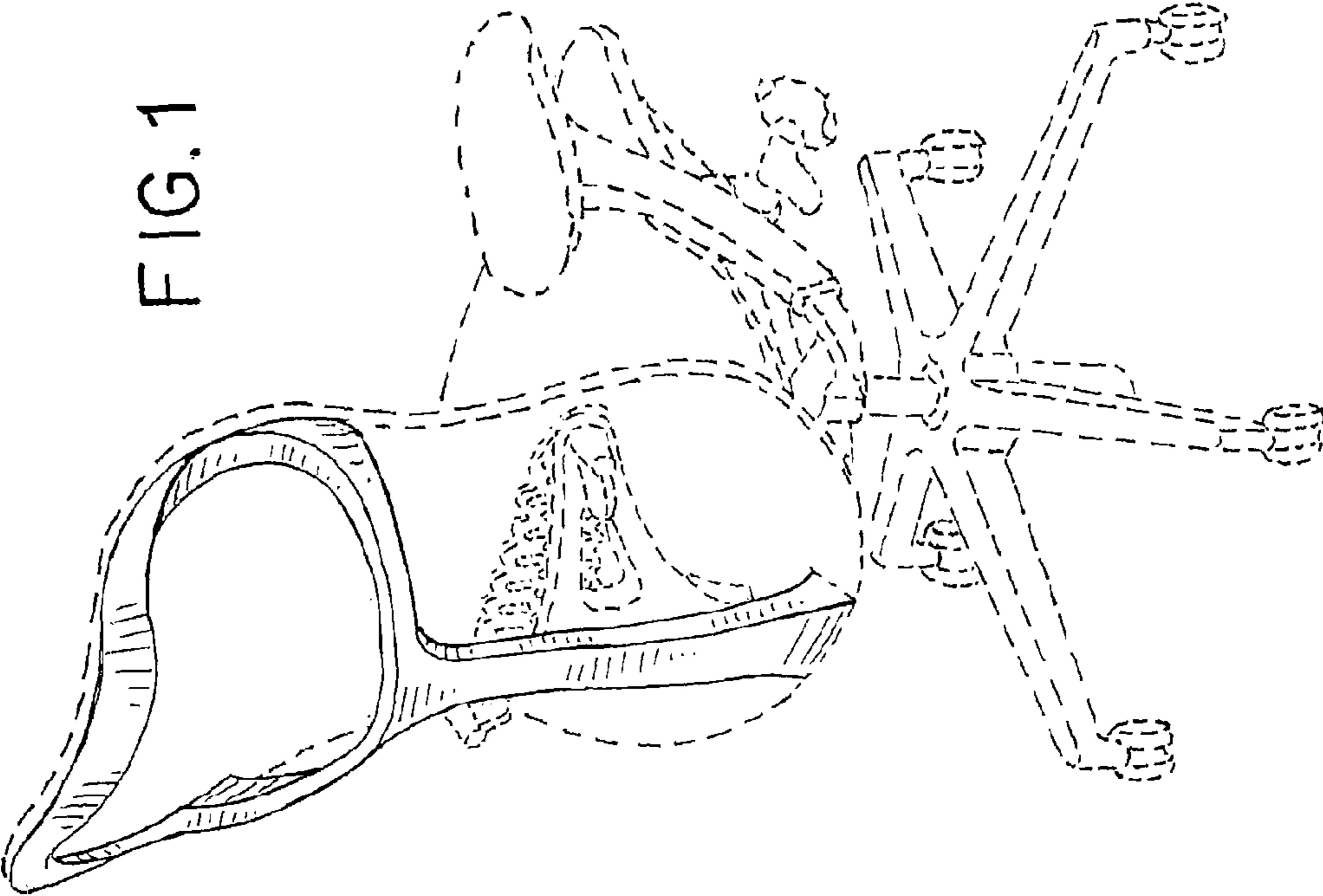


FIG. 1



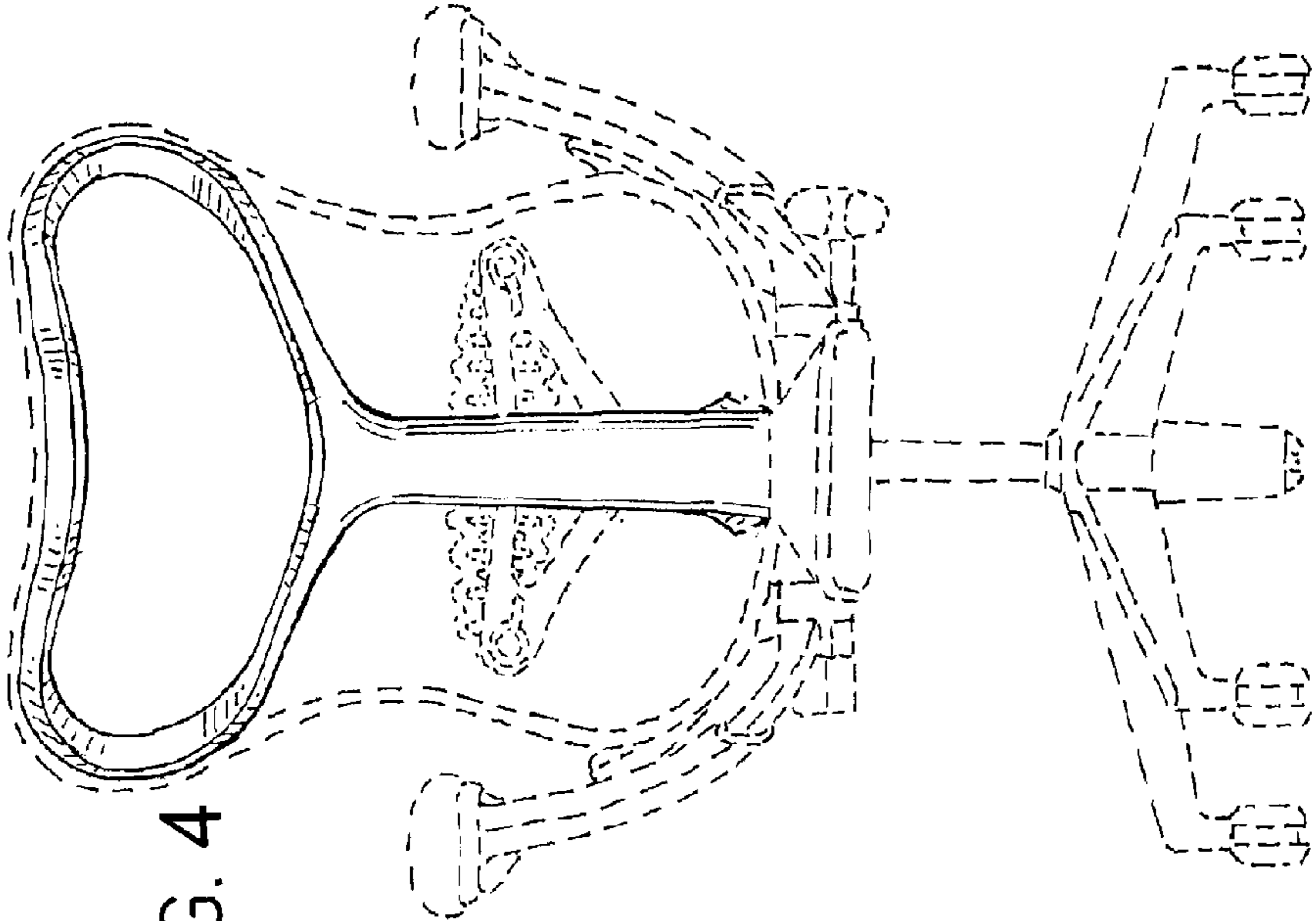


FIG. 4

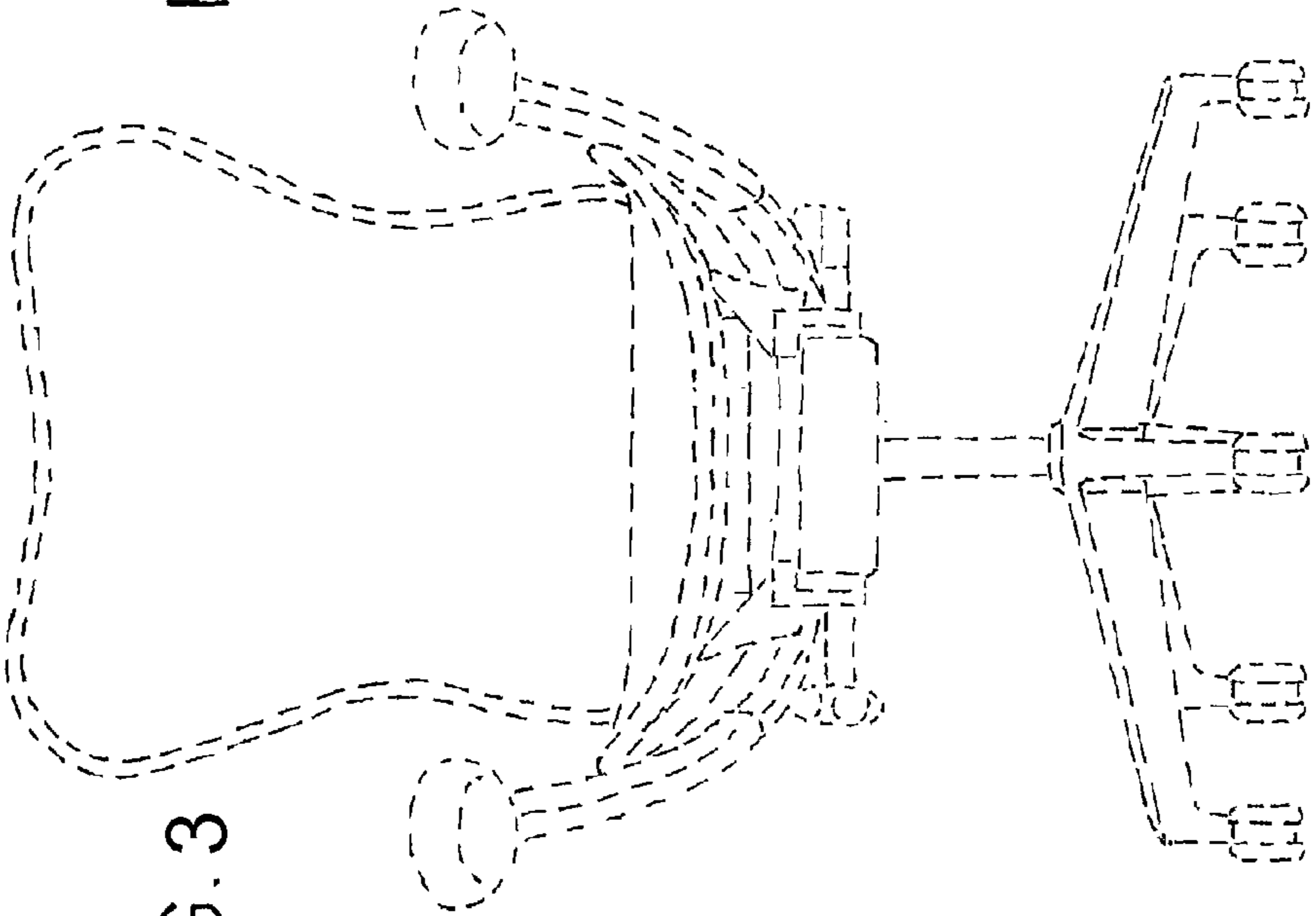


FIG. 3

FIG. 5

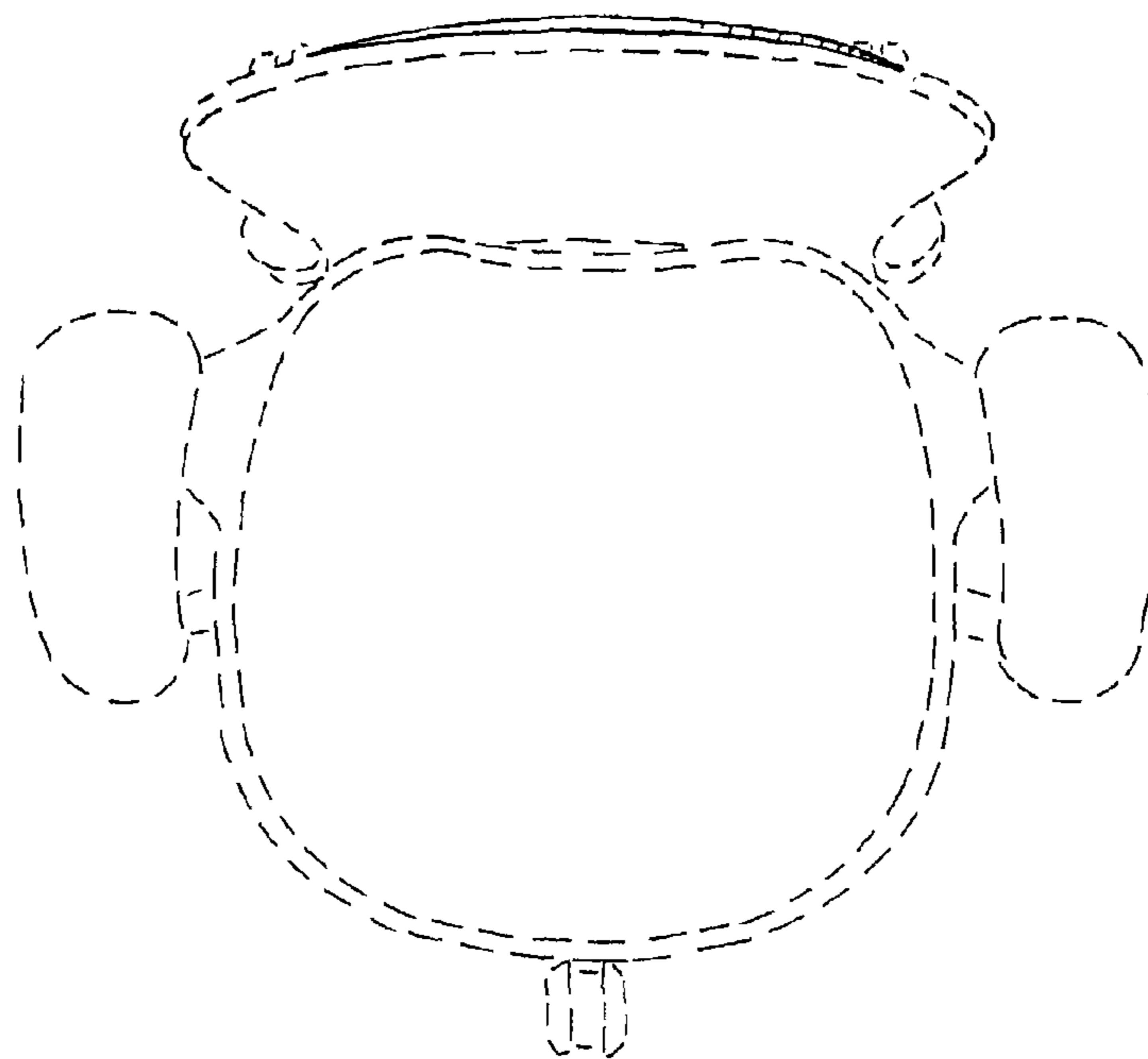
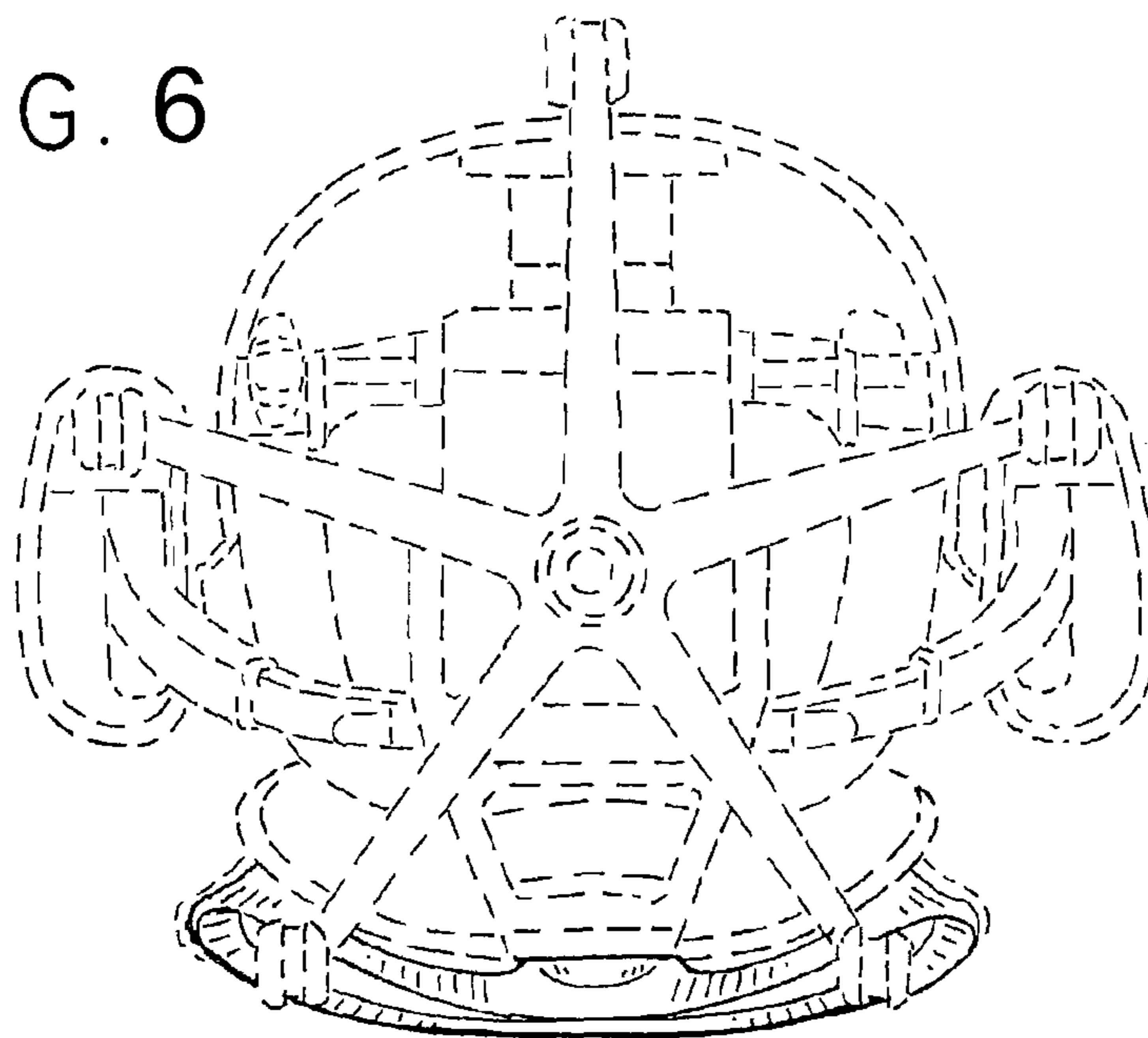


FIG. 6



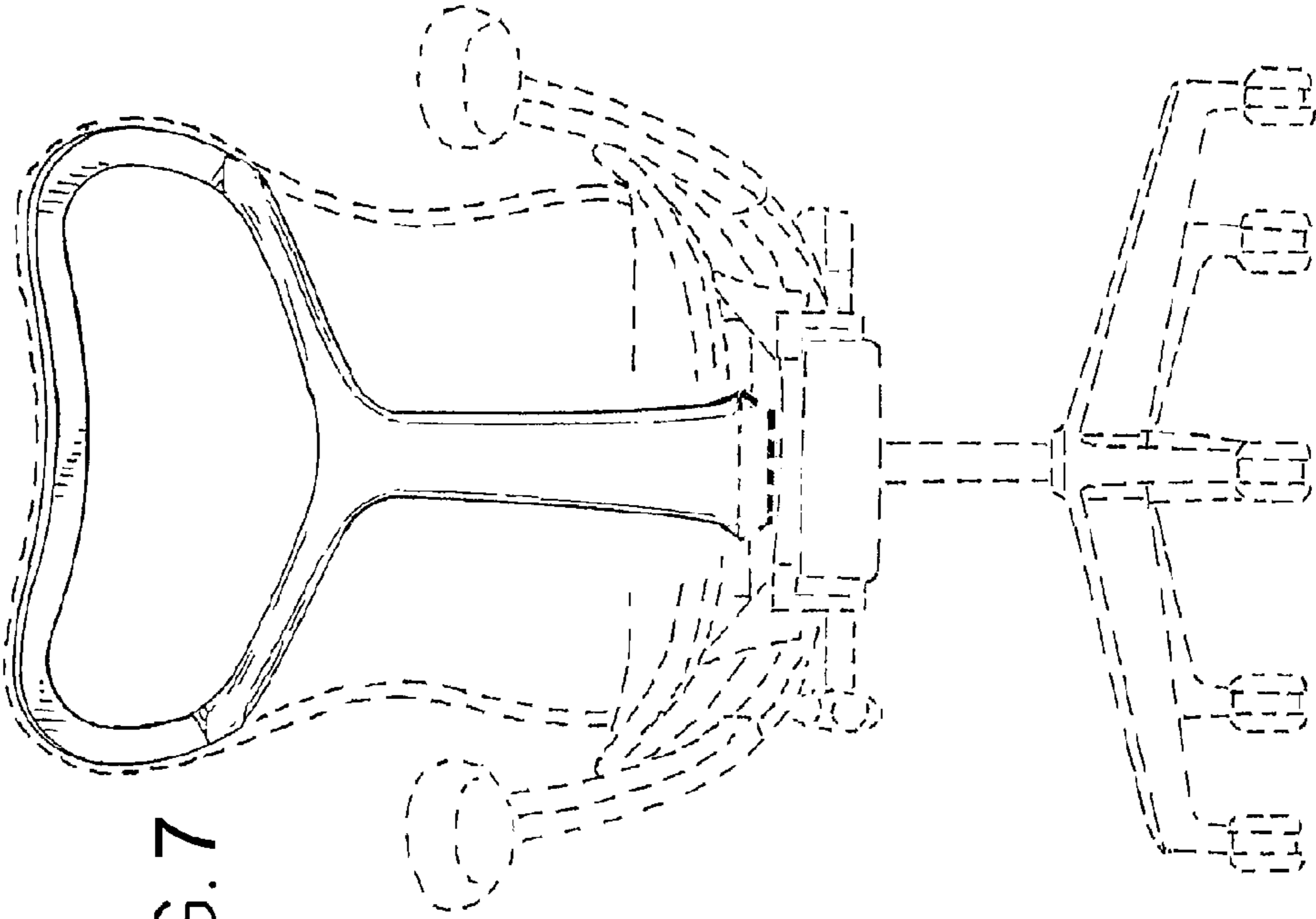


FIG. 7

FIG. 8

