



US00D942767S

(12) **United States Design Patent** (10) **Patent No.:** **US D942,767 S**
Smith et al. (45) **Date of Patent:** **** Feb. 8, 2022**

(54) **CHAIR ASSEMBLY**
(71) Applicant: **Steelcase Inc.**, Grand Rapids, MI (US)
(72) Inventors: **Bruce M. Smith**, East Grand Rapids, MI (US); **Robert J. Battey**, Middleville, MI (US); **Glen Oliver Löw**, Hamburg (DE); **James N. Ludwig**, Grand Rapids, MI (US); **Gordon J. Peterson**, Rockford, MI (US); **Russell Thomas Holdredge**, Alto, MI (US); **Todd David Krupiczewicz**, Alto, MI (US); **Nathan Robert Brock**, Alto, MI (US)
(73) Assignee: **Steelcase Inc.**, Grand Rapids, MI (US)
(**) Term: **15 Years**
(21) Appl. No.: **29/743,380**
(22) Filed: **Jul. 21, 2020**

Related U.S. Application Data

(63) Continuation-in-part of application No. 16/241,439, filed on Jan. 7, 2019, now Pat. No. 10,842,281, which is a continuation of application No. 15/792,974, filed on Oct. 25, 2017, now Pat. No. 10,264,889, which is a continuation of application No. 15/202,107, filed on Jul. 5, 2016, now Pat. No. 9,826,839, which is a continuation of application No. 14/624,850, filed on Feb. 18, 2015, now Pat. No. 9,408,467, which is a continuation of application No. 13/837,031, filed on Mar. 15, 2013, now Pat. No. 8,998,339, which is a continuation-in-part of application No. 29/432,795, filed on Sep. 20, 2012, now Pat. No. Des. 683,150, said application No. 16/241,439 is a continuation-in-part of application No. 15/891,962, filed on Feb. 8, 2018, now Pat. No. 10,206,507, which is a continuation of application No. 15/256,012, filed on Sep. 2, 2016, now Pat. No. 9,918,552, which is a continuation of application No. 14/633,808, filed on
(Continued)

(51) **LOC (13) Cl.** **06-01**

(52) **U.S. Cl.**
USPC **D6/366**
(58) **Field of Classification Search**
USPC D6/334–336, 364, 365, 366, 367, 374, D6/379, 716, 716.1, 716.4
CPC .. A47C 3/18; A47C 3/20; A47C 7/002; A47C 7/004; A47C 7/006; A47C 7/18; A47C 7/24; A47C 7/40; A47C 7/46; B60N 2/66; B60N 2/663
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,711,491 A 12/1987 Ginat
5,439,267 A 8/1995 Peterson et al.
(Continued)

FOREIGN PATENT DOCUMENTS

EP 2233043 9/2010

Primary Examiner — Mimosa De

(74) *Attorney, Agent, or Firm* — Price Heneveld LLP

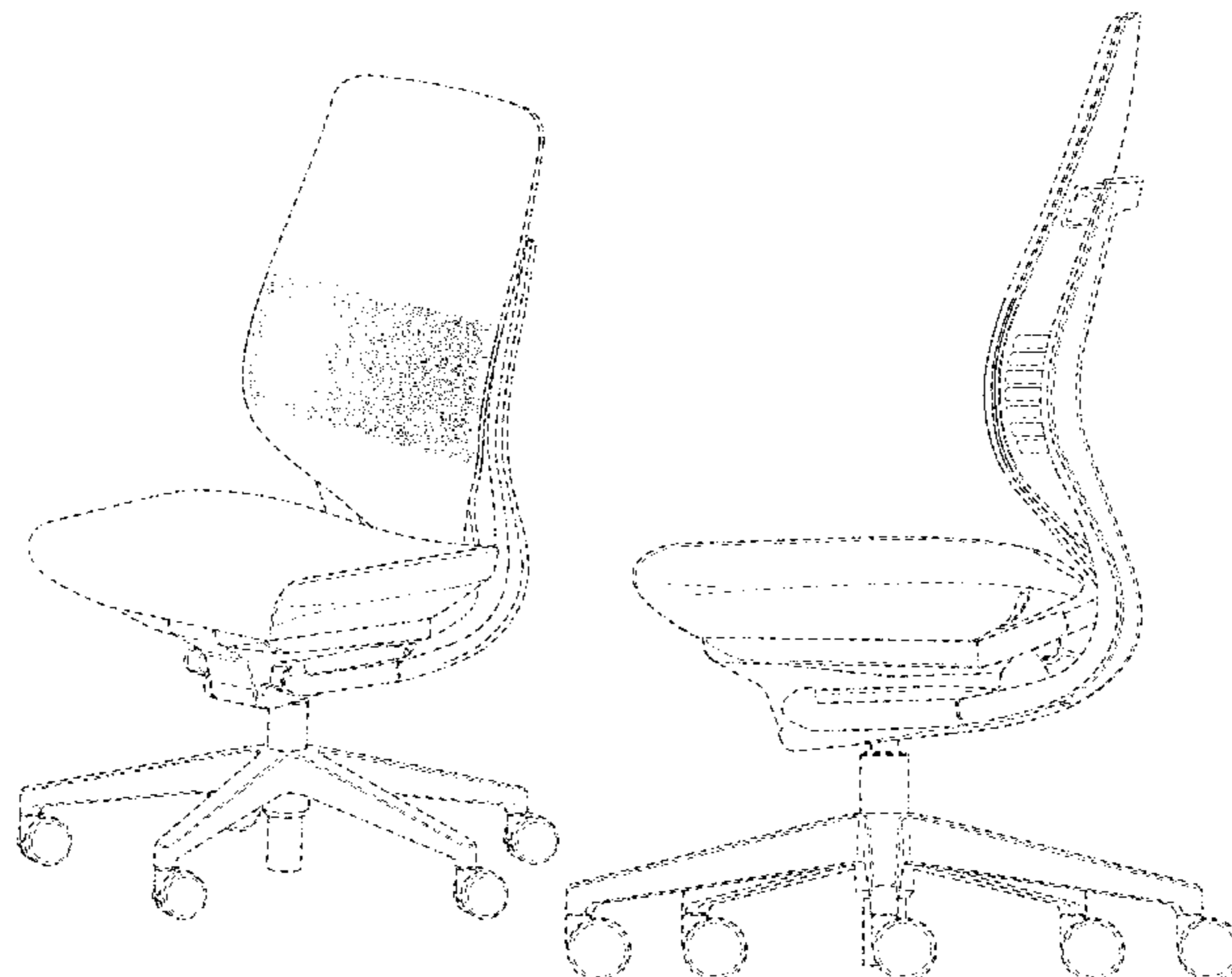
(57) **CLAIM**

We claim the ornamental design for the chair assembly, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a chair assembly embodying the present invention;
FIG. 2 is a front view of the chair assembly;
FIG. 3 is a first side view of the chair assembly;
FIG. 4 is a second side view of the chair assembly;
FIG. 5 is a rear view of the chair assembly;
FIG. 6 is a top view of the chair assembly; and,
FIG. 7 is a bottom view of the chair assembly.
The broken lines in the drawings are for illustrative purposes only and form no part of the claimed design.

1 Claim, 7 Drawing Sheets



Related U.S. Application Data

Feb. 27, 2015, now Pat. No. 9,462,888, which is a continuation of application No. 14/029,243, filed on Sep. 17, 2013, now Pat. No. 9,022,476, which is a continuation of application No. 29/432,765, filed on Sep. 20, 2012, now Pat. No. Des. 697,726, and a continuation of application No. 29/432,767, filed on Sep. 20, 2012, now Pat. No. Des. 697,727, said application No. 15/891,962 is a continuation-in-part of application No. 15/619,591, filed on Jun. 12, 2017, now Pat. No. 9,986,848, which is a continuation of application No. 14/678,065, filed on Apr. 3, 2015, now Pat. No. 9,706,853, which is a continuation of application No. 14/029,284, filed on Sep. 17, 2013, now Pat. No. 8,973,990, and a continuation of application No. 14/029,273, filed on Sep. 17, 2013, now Pat. No. 9,167,910, said application No. 15/619,591 is a continuation of application No. 29/432,776, filed on Sep. 20, 2012, now Pat. No. Des. 697,729.

(56)

References Cited

U.S. PATENT DOCUMENTS

5,599,067 A 2/1997 Schuelke et al.
 5,725,276 A 3/1998 Ginat
 5,772,282 A 6/1998 Stumpf et al.
 5,871,258 A 2/1999 Battey et al.
 5,934,758 A 8/1999 Ritch et al.
 5,975,634 A 11/1999 Knoblock et al.
 6,035,901 A 3/2000 Stumpf et al.
 6,039,397 A 3/2000 Ginat
 D423,261 S 4/2000 Ritch et al.
 6,053,578 A 4/2000 Van Hekken et al.
 6,059,366 A 5/2000 Hu
 6,059,368 A 5/2000 Stumpf et al.
 6,076,892 A 6/2000 Van Hekken et al.
 6,079,785 A 6/2000 Peterson et al.
 6,086,156 A 7/2000 Breen et al.
 6,125,521 A 10/2000 Stumpf et al.
 6,178,595 B1 1/2001 Marinoni
 6,220,661 B1 4/2001 Peterson
 D446,033 S 8/2001 Koepke et al.
 D451,723 S 12/2001 Grove
 6,364,415 B1 4/2002 Mori et al.
 6,382,719 B1 5/2002 Heidmann et al.
 6,386,634 B1 5/2002 Stumpf et al.
 6,394,546 B1 5/2002 Knoblock et al.
 6,394,548 B1 5/2002 Battey et al.
 6,394,549 B1 5/2002 Dekraker et al.
 6,419,318 B1 7/2002 Albright et al.
 6,460,932 B1 10/2002 Kopish et al.
 6,471,294 B1 10/2002 Dammermann et al.
 6,499,801 B1 12/2002 Peterson et al.
 6,502,904 B1 1/2003 Hansen
 6,508,509 B2 1/2003 Peterson
 6,572,190 B2 6/2003 Koepke et al.
 6,588,842 B2 7/2003 Stumpf et al.
 6,609,755 B2 8/2003 Koepke et al.
 6,616,228 B2 9/2003 Heidmann
 6,619,746 B2 9/2003 Roslund, Jr. et al.
 6,644,749 B2 11/2003 Vanderiet et al.
 6,669,292 B2 12/2003 Koepke et al.
 6,688,690 B2 2/2004 Watson et al.
 D487,359 S 3/2004 Giugiaro
 6,702,390 B2 3/2004 Stumpf et al.
 6,709,060 B1 3/2004 Su
 6,722,741 B2 4/2004 Stumpf et al.
 6,726,278 B1 4/2004 Albright et al.
 6,726,286 B2 4/2004 Stumpf et al.
 6,729,691 B2 5/2004 Koepke et al.
 6,733,080 B2 5/2004 Stumpf et al.
 D490,994 S 6/2004 Schmitz et al.
 6,758,523 B2 7/2004 Vanderiet et al.

D493,626 S 8/2004 James
 D493,627 S 8/2004 Ma
 D496,812 S 10/2004 Chu
 6,837,546 B2 1/2005 Vanderiet et al.
 6,857,704 B2 2/2005 Stenzel et al.
 6,874,852 B2 4/2005 Footitt
 6,880,215 B2 4/2005 Peterson
 D507,423 S 7/2005 Beaulieu et al.
 6,913,315 B2 7/2005 Ball et al.
 6,942,300 B2 9/2005 Numa et al.
 6,948,775 B2 9/2005 Tsai
 6,955,402 B2 10/2005 Vanderiet et al.
 6,966,604 B2 11/2005 Stumpf et al.
 6,983,997 B2 1/2006 Wilkerson et al.
 D514,832 S 2/2006 Tsai
 7,014,269 B2 3/2006 Coffield et al.
 7,025,425 B2 4/2006 Harley
 D521,755 S 5/2006 Kinoshita et al.
 7,066,537 B2 6/2006 Coffield et al.
 7,066,546 B2 6/2006 Trego et al.
 7,131,700 B2 11/2006 Knoblock et al.
 D535,505 S 1/2007 Cai
 7,159,947 B1 1/2007 Lee
 7,201,449 B2 4/2007 Tsai
 7,213,880 B2 5/2007 Schmitz et al.
 7,213,886 B2 5/2007 Schmitz et al.
 7,216,936 B2 5/2007 Peterson
 D544,722 S 6/2007 Scheper et al.
 7,249,802 B2 7/2007 Schmitz et al.
 7,270,378 B2 9/2007 Wilkerson et al.
 7,273,253 B2 9/2007 Deimen et al.
 7,281,764 B2 10/2007 Thole
 D557,027 S 12/2007 Hara
 D557,950 S 12/2007 Lu
 7,360,839 B1 4/2008 Chen
 7,367,622 B2 5/2008 Roslund et al.
 D576,809 S 9/2008 Christianson et al.
 7,419,222 B2 9/2008 Schmitz et al.
 7,425,037 B2 9/2008 Schmitz et al.
 7,425,039 B2 9/2008 Lin
 7,427,105 B2 9/2008 Knoblock et al.
 7,434,879 B2 10/2008 Ueda et al.
 7,500,718 B2 3/2009 Fookes
 7,527,335 B2 5/2009 Eberlein et al.
 7,533,939 B2 5/2009 Fookes et al.
 D593,345 S 6/2009 Schweikarth et al.
 7,549,704 B1 6/2009 Chou et al.
 7,549,700 B2 9/2009 Stumpf et al.
 7,604,298 B2 10/2009 Peterson et al.
 7,625,045 B2 12/2009 Hatcher et al.
 7,744,159 B2 6/2010 Yang
 7,798,573 B2 9/2010 Pennington et al.
 7,806,481 B2 10/2010 Eberlein
 7,815,259 B2 10/2010 Fookes et al.
 7,828,389 B2 11/2010 Oda
 7,832,803 B2 11/2010 Cassaday
 7,837,269 B2 11/2010 Bock
 7,837,272 B2 11/2010 Masunaga et al.
 7,841,665 B2 11/2010 Geister et al.
 7,841,666 B2 11/2010 Schmitz et al.
 7,857,388 B2 12/2010 Bedford et al.
 7,887,131 B2 2/2011 Chadwick et al.
 7,887,135 B2 2/2011 Oda
 7,922,248 B2 4/2011 Aldrich et al.
 8,016,360 B2 9/2011 Machael et al.
 8,029,066 B2 10/2011 Su
 8,061,778 B2 11/2011 Machael et al.
 D654,709 S 2/2012 Fujita
 D654,711 S 2/2012 Fujita
 D657,166 S 4/2012 Behar et al.
 D688,497 S * 8/2013 Smith D6/716
 D688,498 S * 8/2013 Smith D6/716
 D688,499 S * 8/2013 Smith D6/716
 D688,500 S * 8/2013 Smith D6/716
 D688,503 S * 8/2013 Smith D6/716.4
 D688,505 S * 8/2013 Smith D6/716.4
 D694,536 S * 12/2013 Smith D6/366
 D694,537 S * 12/2013 Smith D6/366

(56)

References Cited

U.S. PATENT DOCUMENTS

D697,726	S *	1/2014	Smith	.....	A47C 7/46 D6/366
D697,727	S *	1/2014	Smith	.....	D6/366
D697,728	S *	1/2014	Smith	.....	D6/366
D697,729	S *	1/2014	Smith	.....	D6/366
D698,164	S *	1/2014	Smith	.....	D6/366
D699,957	S *	2/2014	Smith	.....	D6/366
D701,053	S *	3/2014	Smith	.....	D6/366
D703,988	S *	5/2014	Smith	.....	D6/716.4
8,998,339	B2 *	4/2015	Peterson	.....	A47C 7/24 297/452.56
D742,678	S *	11/2015	Smith	.....	D6/716.4
D750,406	S *	3/2016	Smith	.....	D6/716.4
9,826,839	B2 *	11/2017	Bathey	.....	A47C 7/004
10,264,889	B2 *	4/2019	Bathey	.....	A47C 7/40
10,842,281	B2 *	11/2020	Bathey	.....	A47C 7/24
2002/0003368	A1	1/2002	Vanderiet et al.		
2003/0030317	A1	2/2003	Chen		
2003/0047980	A1	3/2003	Vassallo		
2004/0000805	A1	1/2004	Vanderiet et al.		
2004/0155503	A1	8/2004	Stumpf et al.		
2005/0052061	A1	3/2005	Deimen et al.		
2005/0062323	A1	3/2005	Dicks		
2008/0122284	A1	5/2008	Yang		
2010/0007190	A1	1/2010	Johnson et al.		
2010/0237679	A1	9/2010	Tsukiji et al.		
2010/0244521	A1	9/2010	Ueda		
2010/0276978	A1	11/2010	Furuta et al.		
2011/0012395	A1	1/2011	Roslund et al.		
2011/0198907	A1	8/2011	Masunaga et al.		
2011/0248543	A1	10/2011	Hitchcock et al.		

* cited by examiner

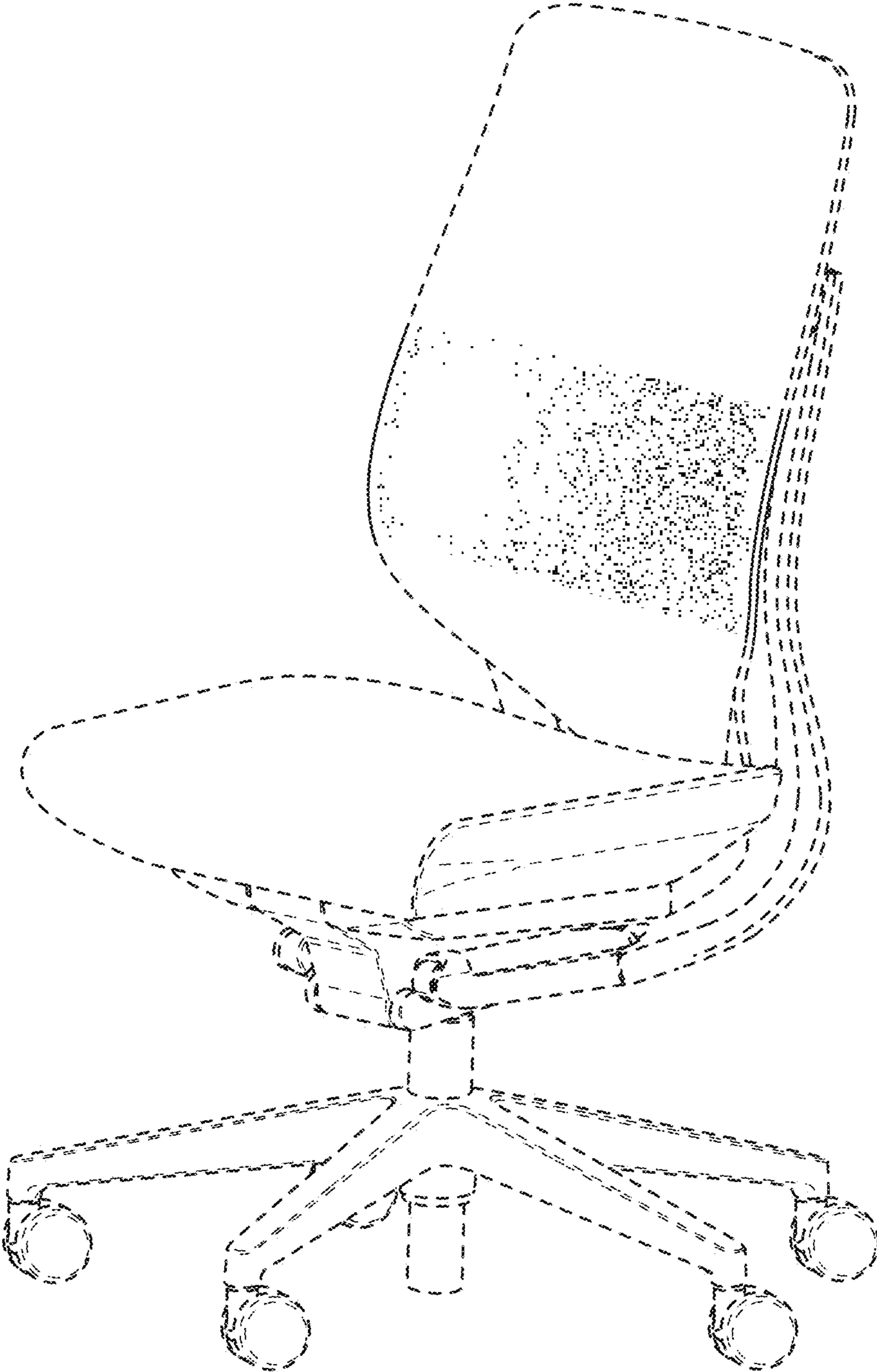


FIG. 1

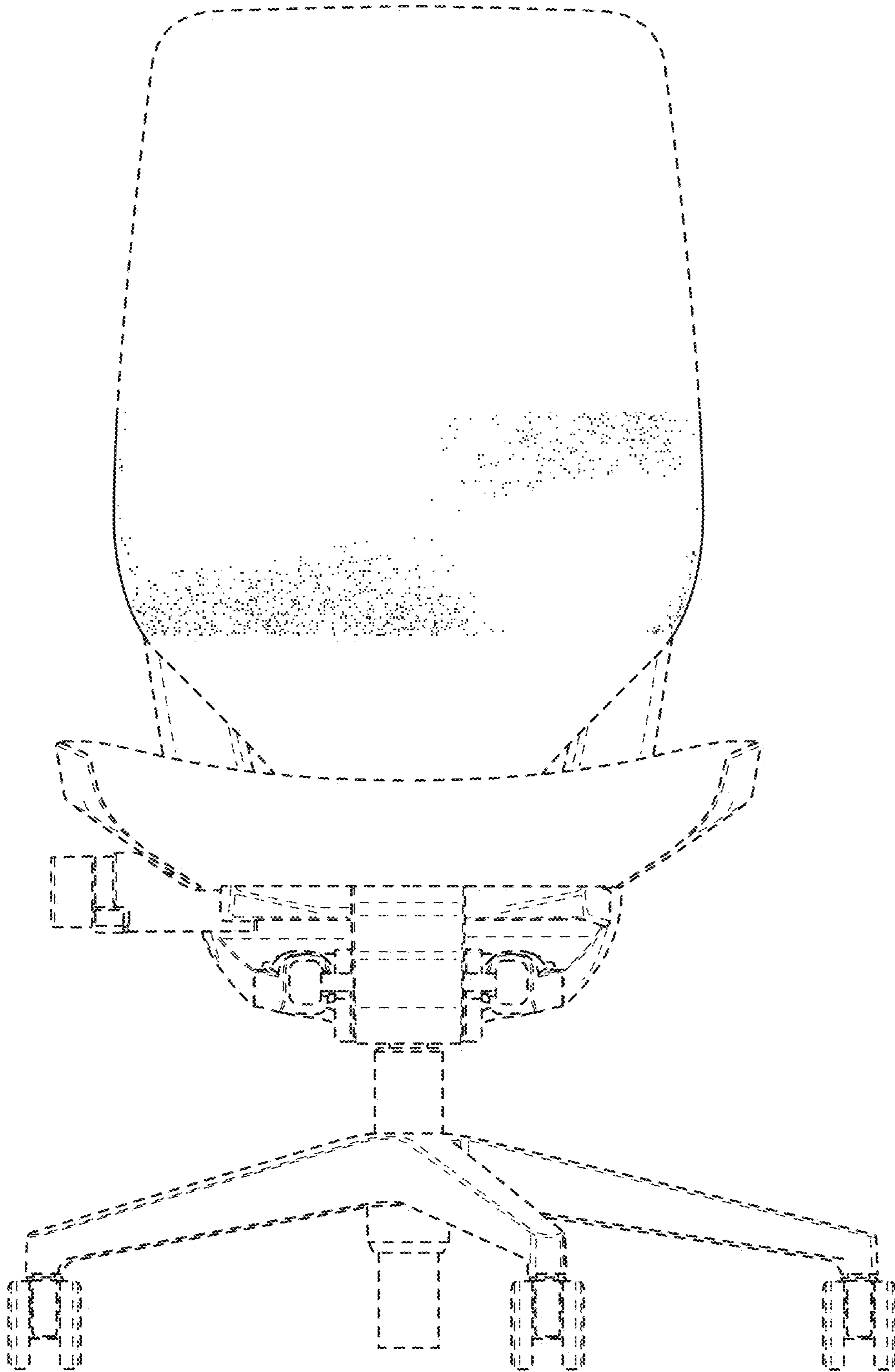


FIG. 2

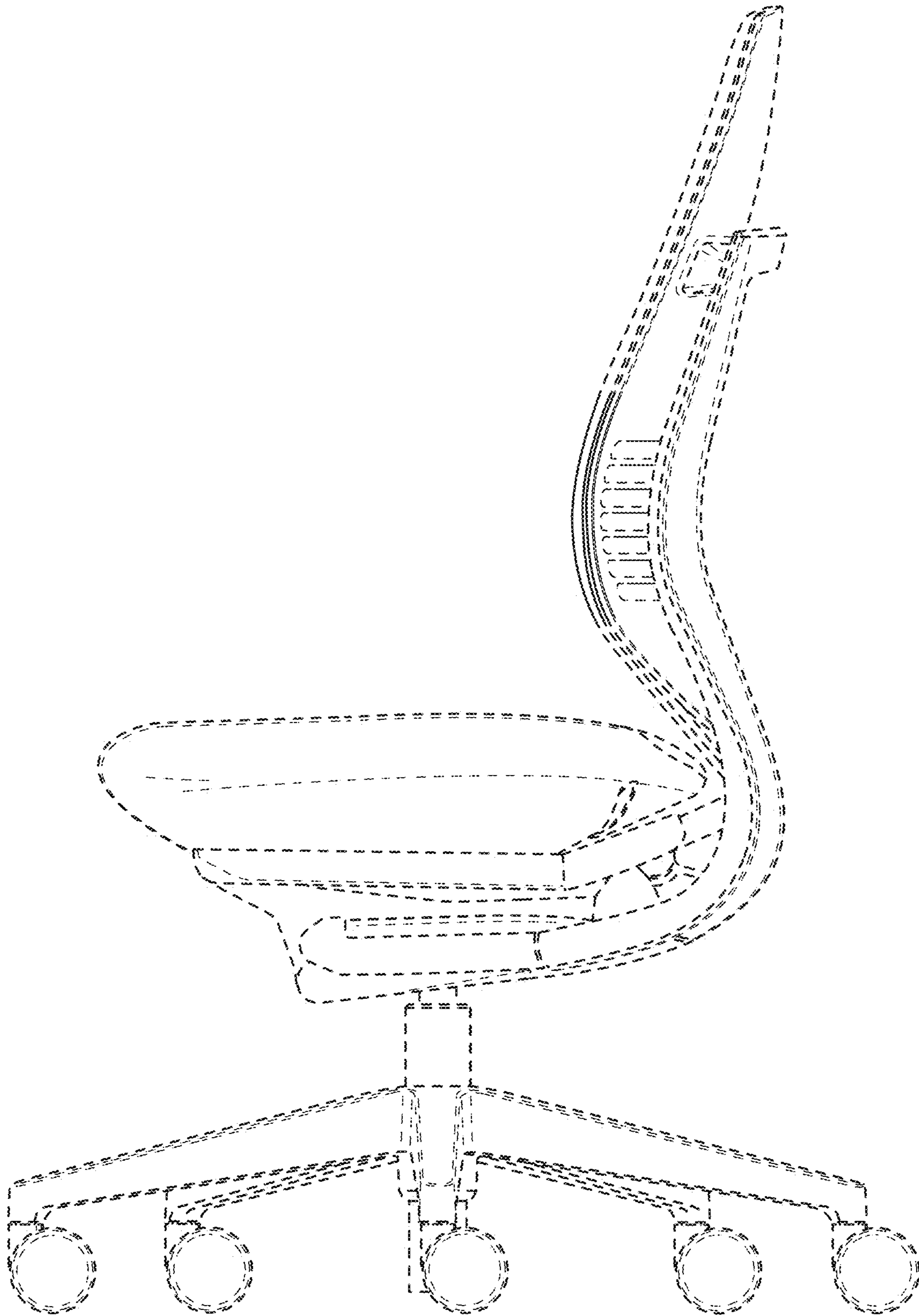


FIG. 3

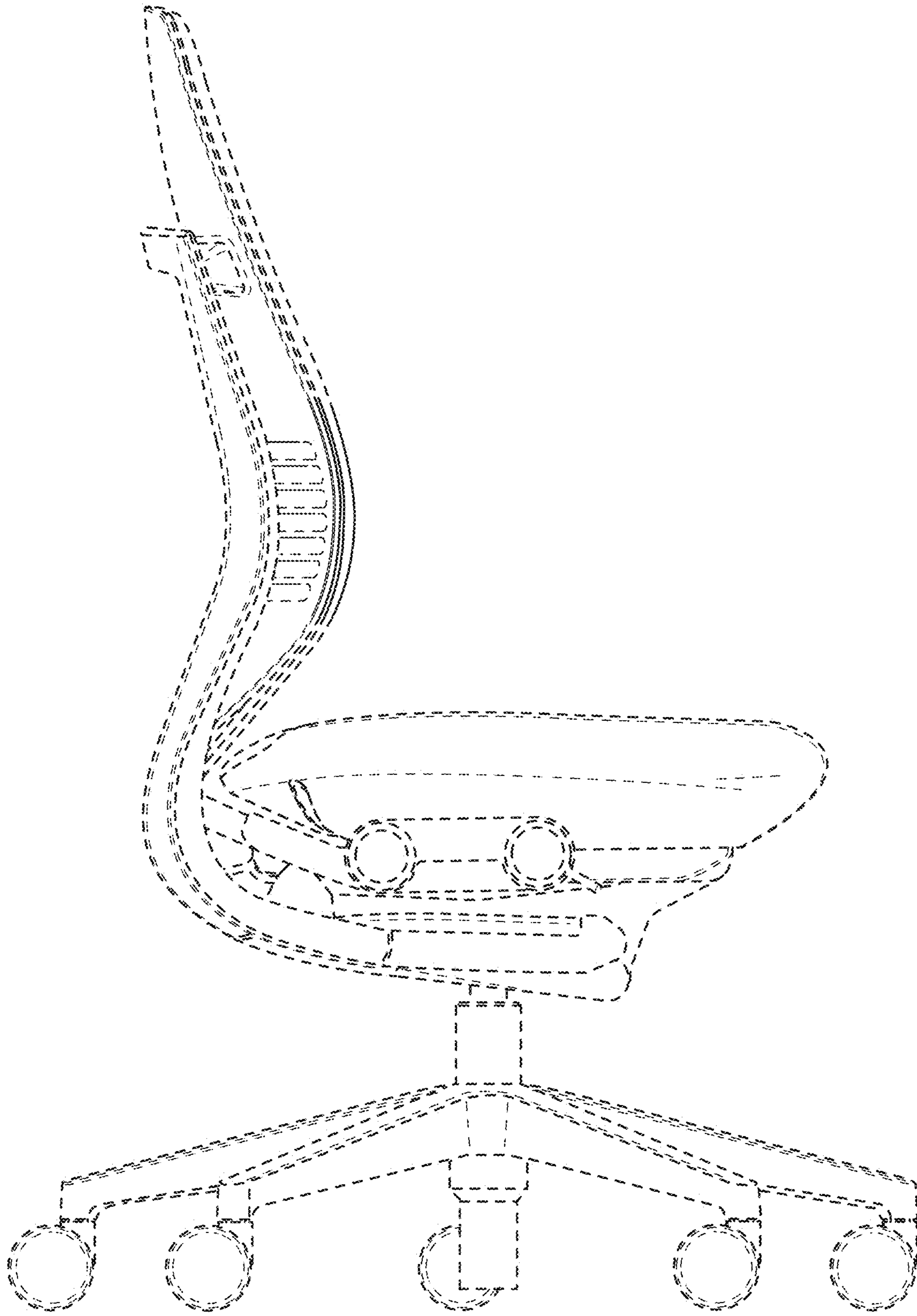


FIG. 4

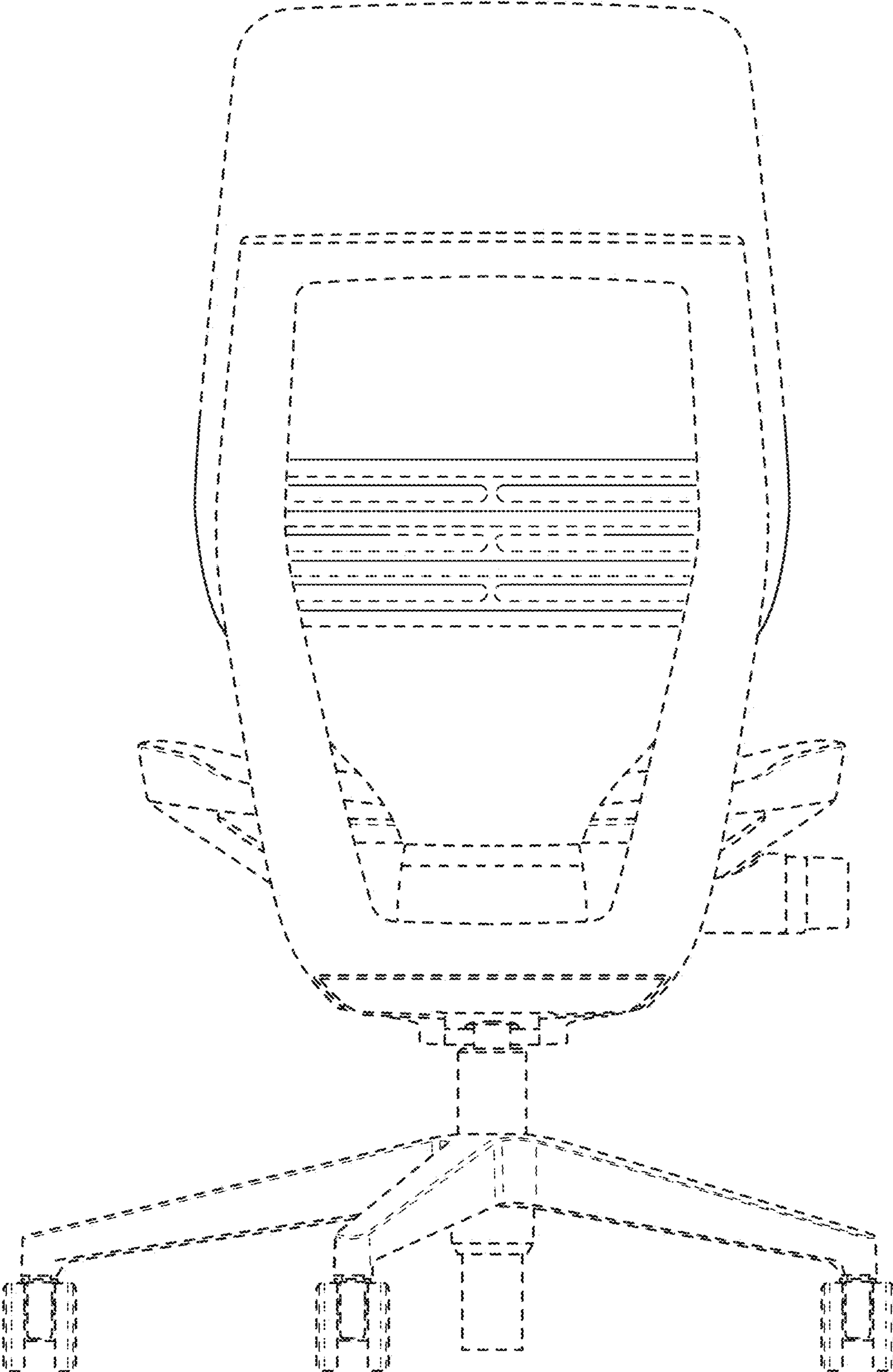


FIG. 5

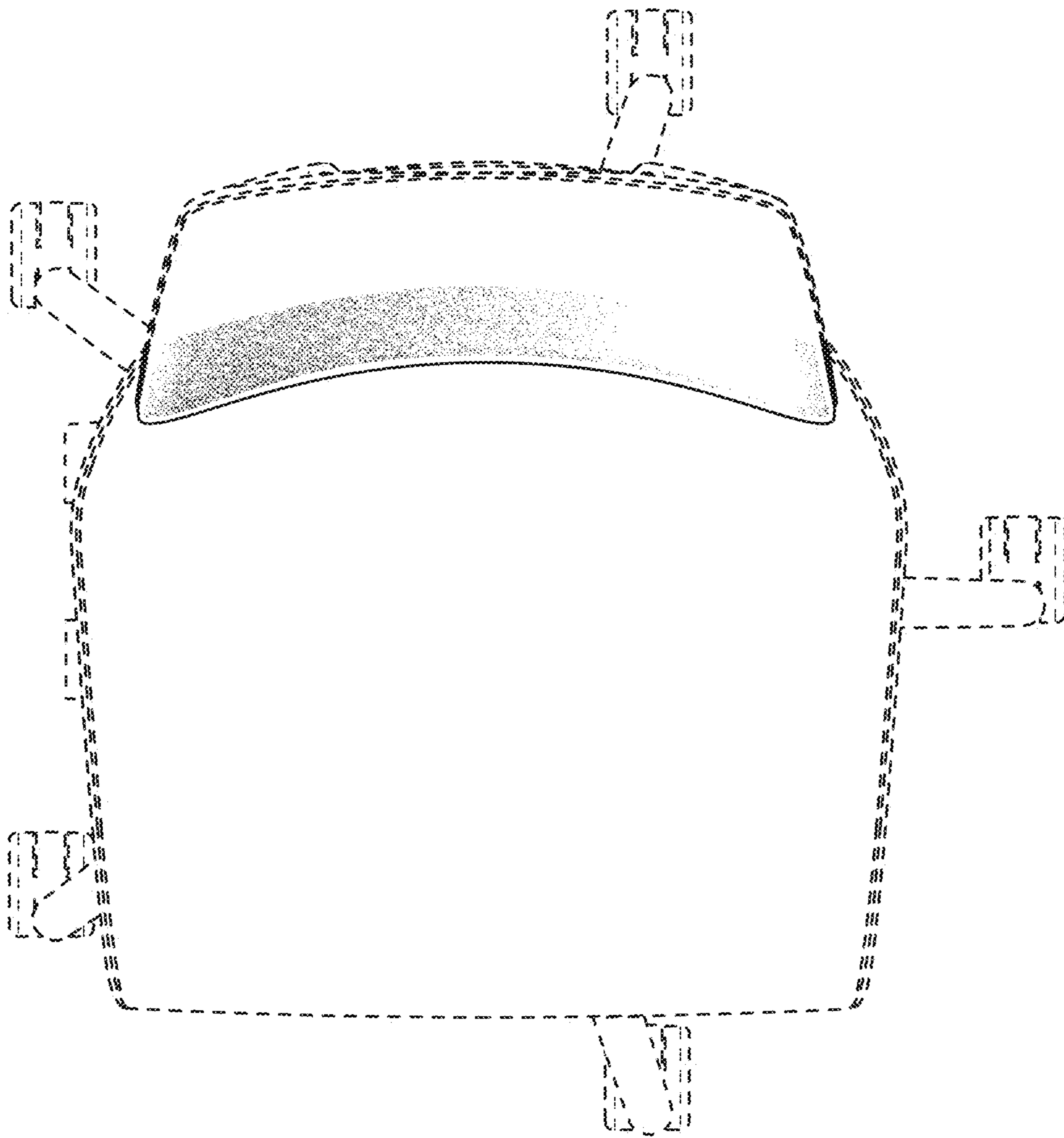


FIG. 6

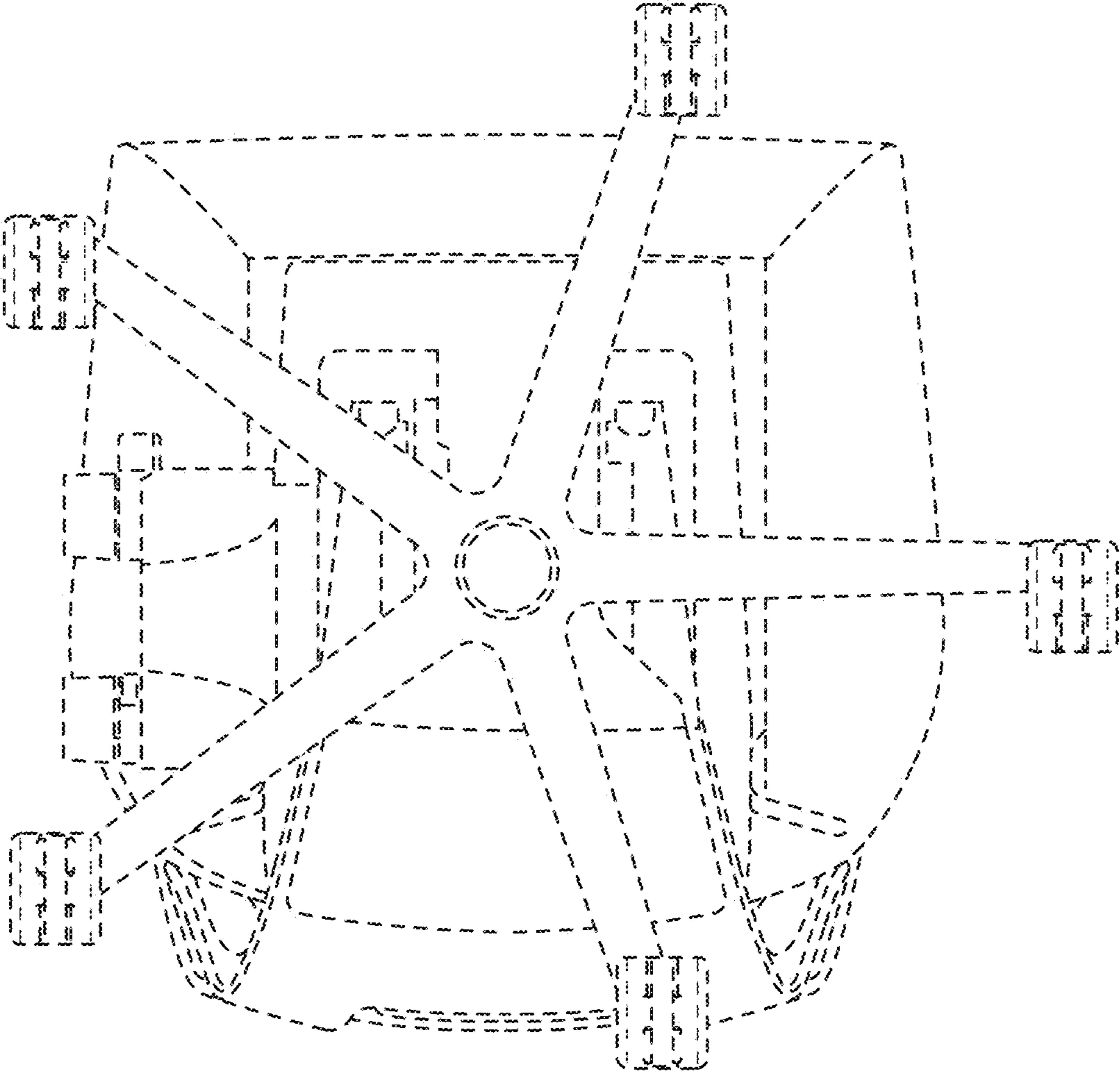


FIG. 7