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Smith et al.

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(54) **CHAIR**

(71) Applicant: **Steelcase Inc.**, Grand Rapids, MI (US)

(72) Inventors: **Bruce M. Smith**, East Grand Rapids, MI (US); **Glen Oliver Low**, Hamburg (DE); **James N. Ludwig**, East Grand Rapids, MI (US); **Robert J. Battey**, Middleville, MI (US); **Gordon Jay Peterson**, Rockford, MI (US)

(73) Assignee: **Steelcase Inc.**, Grand Rapids, MI (US)

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

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Related U.S. Application Data

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(51) **LOC (9) Cl.** **06-01**

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

(58) **Field of Classification Search**
USPC D6/334-336, 364, 365, 366, 367, D6/374, 376, 379, 380, 716, 716.1, 716.2, D6/716.3, 716.4; 297/394, 396, 404, 284.4, 297/298, 411.27, 452.21, 452.29, 452.3, 297/452.32, 452.34, 452.48, 452.56
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

344,248 A 6/1886 Cawley
1,763,294 A 7/1928 Emmert
3,254,918 A 5/1964 Barker
3,226,159 A 12/1965 Binding et al.

3,794,382 A 2/1974 Bloomfield et al.
3,865,450 A 2/1975 Bruenig
3,885,831 A 5/1975 Rasmussen
4,190,289 A 2/1980 Brunig et al.
4,682,817 A 7/1987 Freber
4,711,491 A 12/1987 Ginat
4,844,544 A 7/1989 Ochiai
4,861,107 A 8/1989 Vidwans et al.
5,439,267 A 8/1995 Peterson et al.

(Continued)

FOREIGN PATENT DOCUMENTS

EP 1836935 9/2007
EP 2068677 6/2009

(Continued)

OTHER PUBLICATIONS

Haworth X99 Chair Brochure.

(Continued)

Primary Examiner — Mimoso De

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

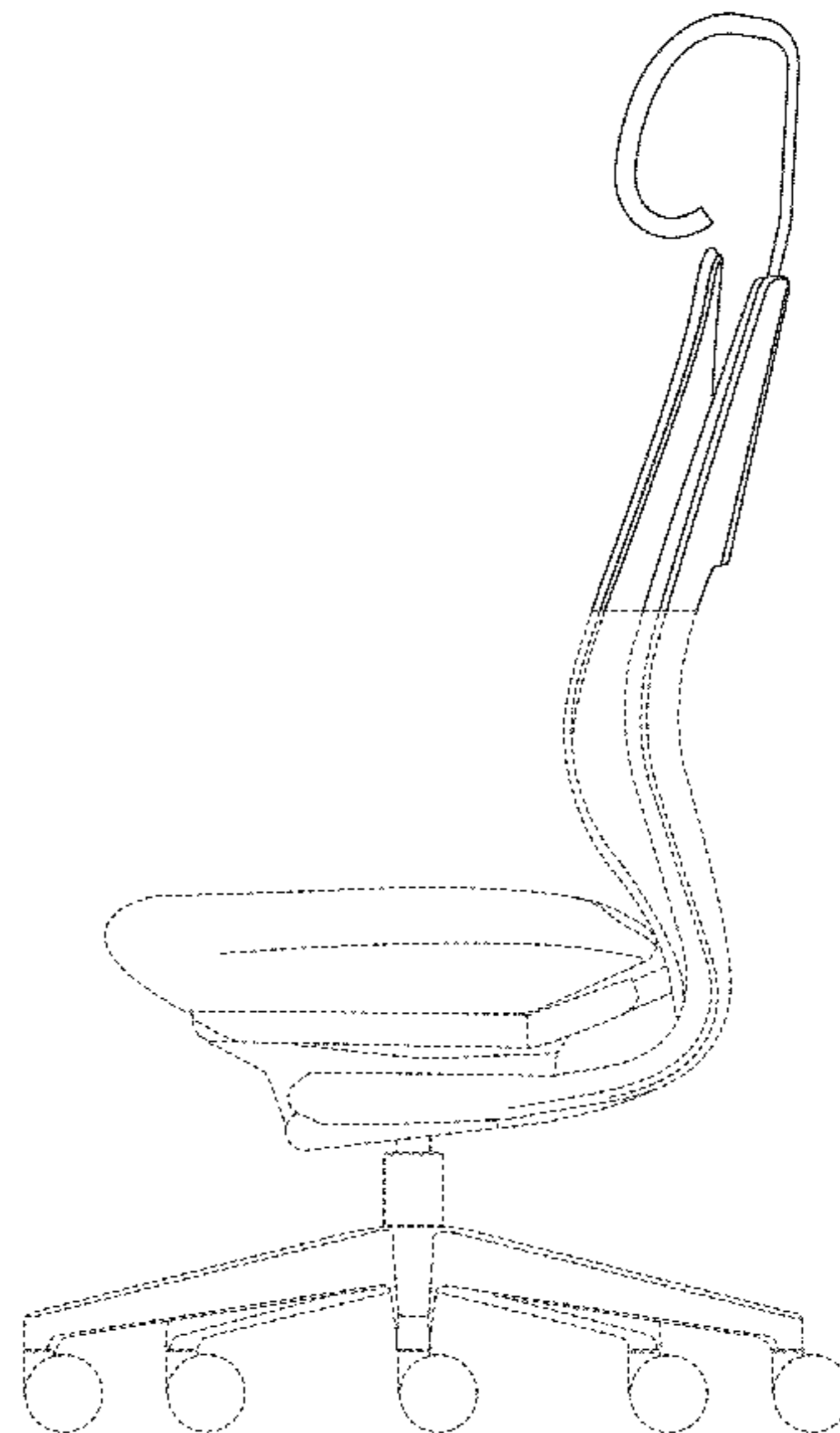
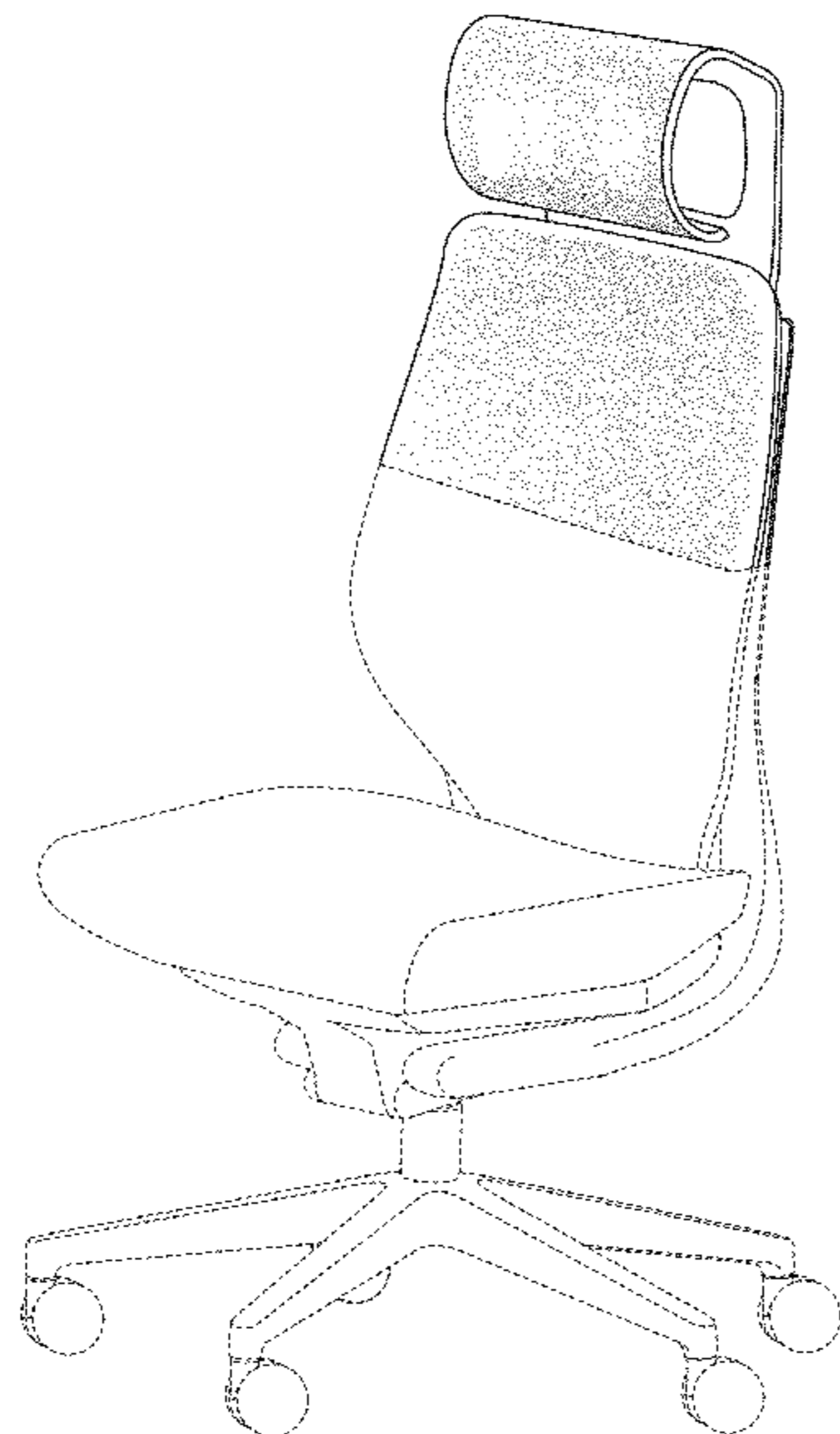
(57) **CLAIM**

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

DESCRIPTION

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

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,599,067 A 2/1997 Schuelke et al.
 5,622,405 A 4/1997 Pitencel
 5,718,478 A 2/1998 Allison
 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.
 6,000,759 A 12/1999 Pedronno 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.
 6,079,776 A 6/2000 Breitner et al.
 6,079,785 A 6/2000 Peterson et al.
 6,086,156 A 7/2000 Breen et al.
 6,113,192 A 9/2000 Schneider
 6,125,521 A 10/2000 Stumpf et al.
 D436,456 S 1/2001 Neil
 6,178,595 B1 1/2001 Marinoni
 6,199,947 B1 3/2001 Wiklund
 6,220,661 B1 4/2001 Peterson
 D446,033 S 8/2001 Koepke et al.
 D451,294 S * 12/2001 Simons et al. D6/366
 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.
 6,412,872 B2 7/2002 Takeda et al.
 6,419,318 B1 7/2002 Albright et al.
 6,419,322 B2 7/2002 Nakane et al.
 6,460,932 B1 10/2002 Koish 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.
 D482,205 S 11/2003 English et al.
 6,644,749 B2 11/2003 VanDeRiet et al.
 6,669,292 B2 12/2003 Koepke et al.
 D486,656 S 2/2004 Su
 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
 6,779,839 B2 8/2004 Andreasson et al.
 6,789,846 B2 9/2004 Humer et al.
 D496,812 S 10/2004 Chu
 D497,264 S 10/2004 Aubriet et al.
 6,824,212 B2 11/2004 Malsch et al.
 D499,564 S 12/2004 Meda
 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
 D507,124 S 7/2005 Yang

D507,423 S 7/2005 Beaulieu et al.
 6,913,315 B2 7/2005 Ball et al.
 D507,910 S 8/2005 Bock
 6,942,300 B2 9/2005 Numa et al.
 6,945,601 B1 9/2005 Wu
 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.
 D512,232 S 12/2005 Wu
 6,983,997 B2 1/2006 Wilkerson et al.
 D514,832 S 2/2006 Tsai
 D517,820 S * 3/2006 Citterio D6/366
 7,014,269 B2 3/2006 Coffield et al.
 7,025,424 B2 4/2006 Harley
 D521,755 S 5/2006 Kinoshita et al.
 D523,252 S * 6/2006 Rodriguez Leitao D6/366
 7,059,681 B2 6/2006 Kubo
 7,066,537 B2 6/2006 Coffield et al.
 7,066,546 B2 6/2006 Trego et al.
 7,097,247 B2 8/2006 Battey et al.
 D528,810 S * 9/2006 Giugiaro D6/366
 7,131,700 B2 11/2006 Knoblock et al.
 D535,505 S 1/2007 Cai
 7,159,947 B1 1/2007 Lee
 D541,062 S 4/2007 Su
 7,201,449 B2 4/2007 Tsai
 D543,040 S 5/2007 Hara
 D543,042 S * 5/2007 Hara D6/366
 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
 D543,717 S 6/2007 Chen
 D544,722 S 6/2007 Scheper et al.
 D545,582 S 7/2007 Wu
 7,249,802 B2 7/2007 Schmitz et al.
 D548,474 S 8/2007 Fancelli
 D548,994 S 8/2007 Mao
 D549,473 S 8/2007 Wagner
 D549,474 S 8/2007 Wagner
 D549,976 S 9/2007 Lin
 D550,976 S * 9/2007 Bellini et al. D6/366
 7,270,378 B2 9/2007 Wilkerson et al.
 7,273,253 B2 9/2007 Deimen et al.
 D552,857 S 10/2007 Wang
 7,281,764 B2 10/2007 Thole
 D554,877 S 11/2007 Tsai
 D557,024 S 12/2007 Chen
 D557,027 S 12/2007 Hara
 D557,914 S 12/2007 Ong
 D557,950 S 12/2007 Lu
 7,303,232 B1 12/2007 Chen
 D558,492 S 1/2008 Lu
 7,334,845 B2 2/2008 Peterson et al.
 7,338,130 B2 3/2008 Daume
 7,360,835 B2 4/2008 Tubergen et al.
 7,360,839 B1 4/2008 Chen
 7,367,622 B2 5/2008 Roslund et al.
 D571,569 S 6/2008 Fancelli
 D572,493 S 7/2008 Zhang
 D573,361 S 7/2008 Kung
 7,410,218 B2 8/2008 Kotani et al.
 D576,809 S 9/2008 Christianson et al.
 D576,813 S * 9/2008 Baldanzi et al. D6/366
 D576,814 S 9/2008 Baldanzi 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.
 7,494,188 B1 2/2009 Lin
 7,500,718 B2 3/2009 Fookes
 7,517,009 B2 4/2009 Mauro et al.
 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.
 D597,329 S * 8/2009 Tanaka et al. D6/366
 7,594,700 B2 9/2009 Stumpf et al.
 D601,830 S 10/2009 Egger

US D689,319 S

7,604,298 B2	10/2009	Peterson et al.	2002/0003368 A1	1/2002	VanDeRiet et al.
7,625,045 B2	12/2009	Hatcher et al.	2002/0074843 A1	6/2002	Malschet et al.
D610,822 S	3/2010	Chen	2003/0030317 A1	2/2003	Chen
D613,087 S *	4/2010	Fujita D6/366	2003/0047980 A1	3/2003	Vassallo
7,744,159 B2	6/2010	Lee	2004/0000805 A1	1/2004	VanDeRiet et al.
7,798,573 B2	9/2010	Pennington et al.	2004/0155503 A1	8/2004	Stumpf et al.
7,806,481 B2	10/2010	Eberlein	2005/0052061 A1	3/2005	Deimen et al.
7,815,259 B2	10/2010	Fookes et al.	2005/0062323 A1	3/2005	Dicks
7,828,389 B2	11/2010	Oda	2005/0127735 A1	6/2005	Munsch
7,832,803 B2	11/2010	Cassaday	2008/0122284 A1 *	5/2008	Yang 297/452.56
7,837,269 B2	11/2010	Bock	2009/0021069 A1	1/2009	Hentschel et al.
7,837,272 B2	11/2010	Masunaga et al.	2010/0007190 A1	1/2010	Johnson et al.
7,841,665 B2	11/2010	Geister et al.	2010/0237679 A1	9/2010	Tsukiji et al.
7,841,666 B2	11/2010	Schmitz et al.	2010/0244521 A1 *	9/2010	Ueda 297/298
7,857,388 B2	12/2010	Bedford et al.	2010/0276978 A1	11/2010	Furuta et al.
7,887,131 B2	2/2011	Chadwick et al.	2011/0012395 A1	1/2011	Roslund et al.
7,887,135 B2	2/2011	Oda	2011/0198907 A1	8/2011	Masunaga et al.
D634,558 S	3/2011	Deisig	2011/0248543 A1	10/2011	Hitchcock et al.
7,922,248 B2	4/2011	Aldrich et al.			
D638,635 S	5/2011	Sander et al.			
7,980,631 B2	7/2011	Diffrient			
8,016,360 B2	9/2011	Machael et al.			
8,029,066 B2	10/2011	Su			
8,038,212 B2	10/2011	Vickers et al.			
D648,947 S *	11/2011	Ong D6/366			
8,061,778 B2	11/2011	Machael et al.			
D650,617 S	12/2011	Chen			
D653,467 S	2/2012	Ballendat			
D654,709 S	2/2012	Fujita			
D654,711 S	2/2012	Fujita			
D655,523 S *	3/2012	Neil D6/366			
D655,524 S	3/2012	Kim			
D657,166 S	4/2012	Behar et al.			
D657,594 S	4/2012	Knight et al.			

FOREIGN PATENT DOCUMENTS		
EP	2233043	9/2010
EP	2491821	8/2012
JP	11290154	10/1999
JP	2004155269	6/2004
KR	20130019549	2/2013
WO	2013051951	4/2013

OTHER PUBLICATIONS	
Werndl #1 Brochure.	
Steelcase Please Chair Brochure.	

* cited by examiner

FIG. 1

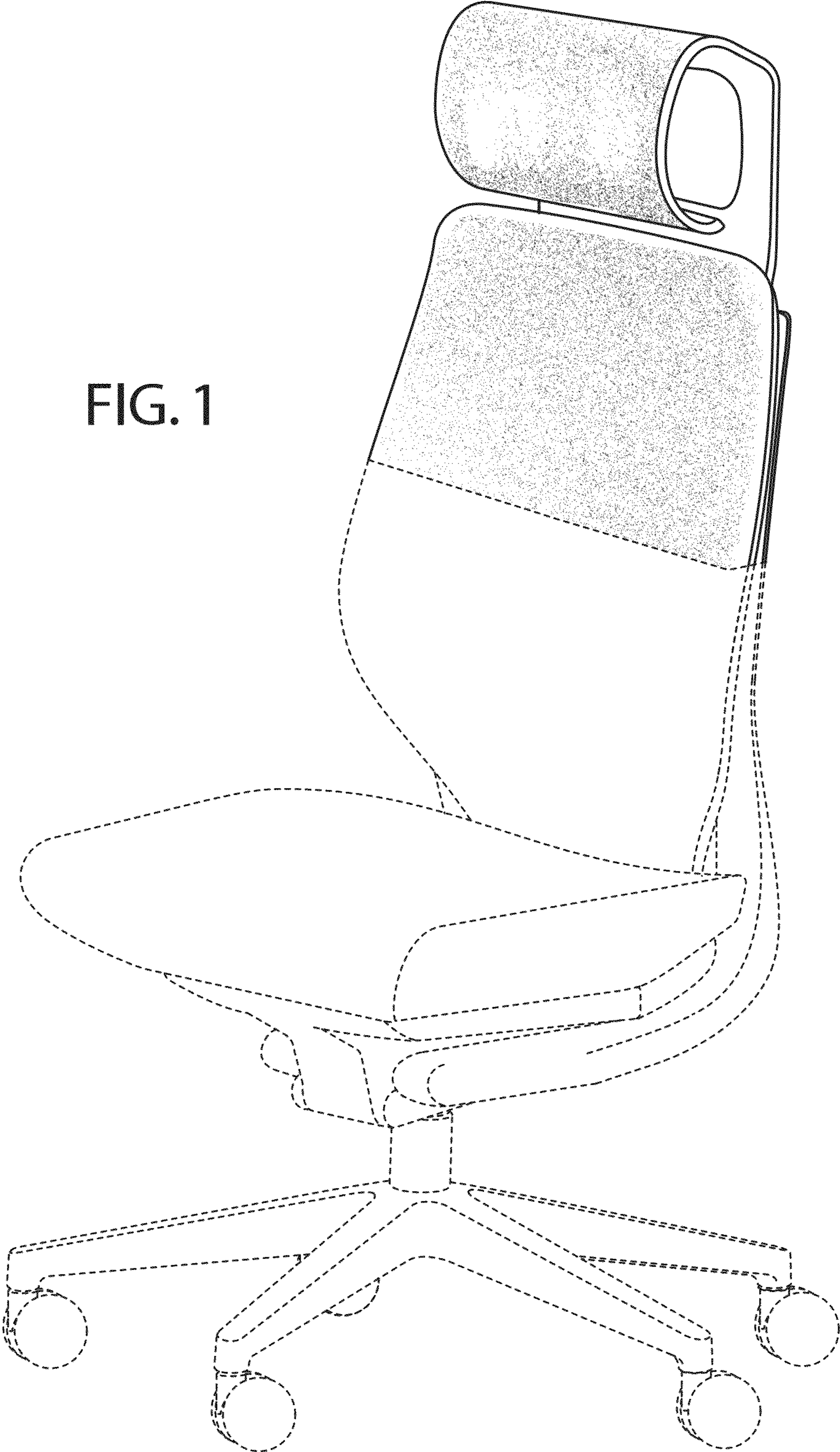
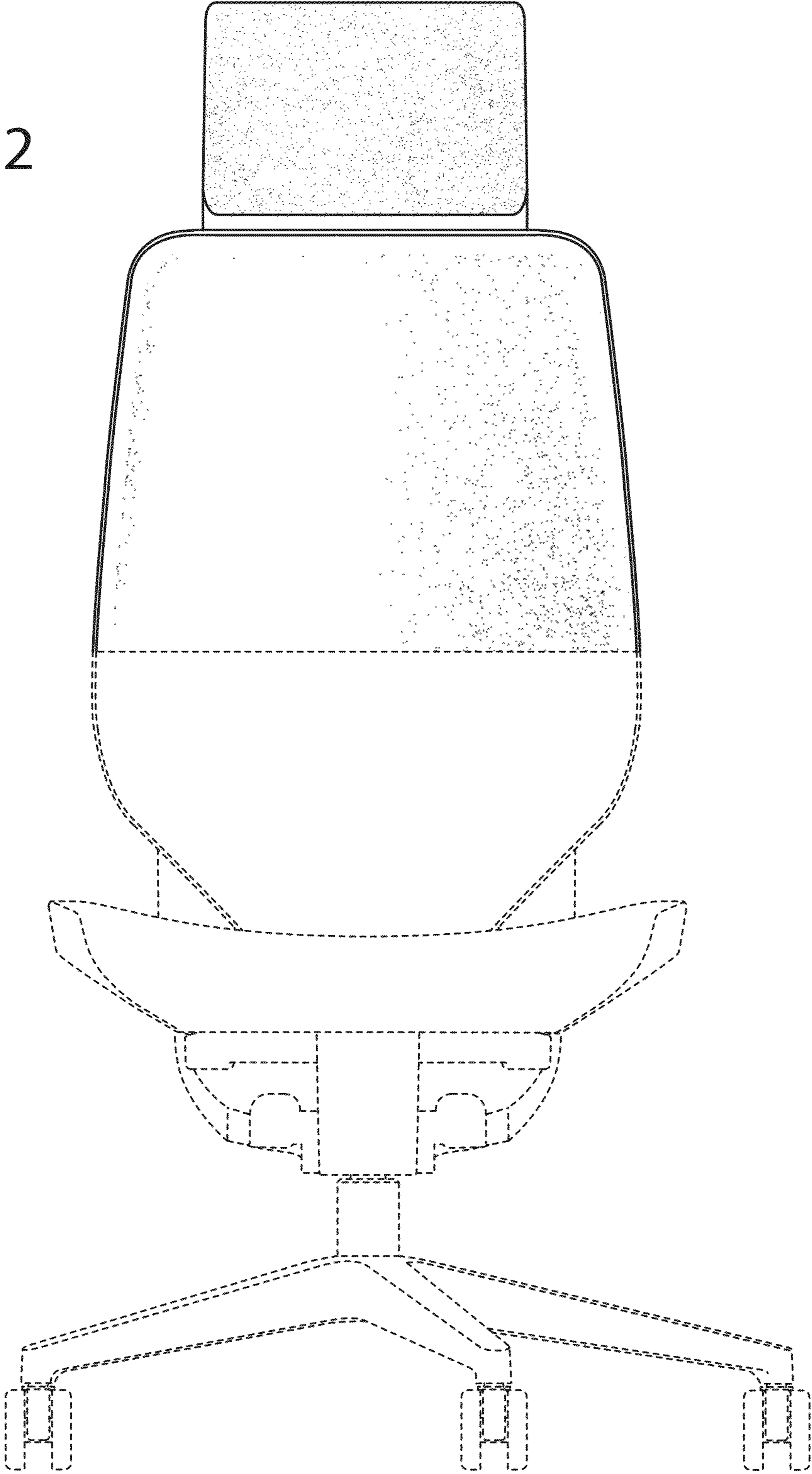


FIG. 2



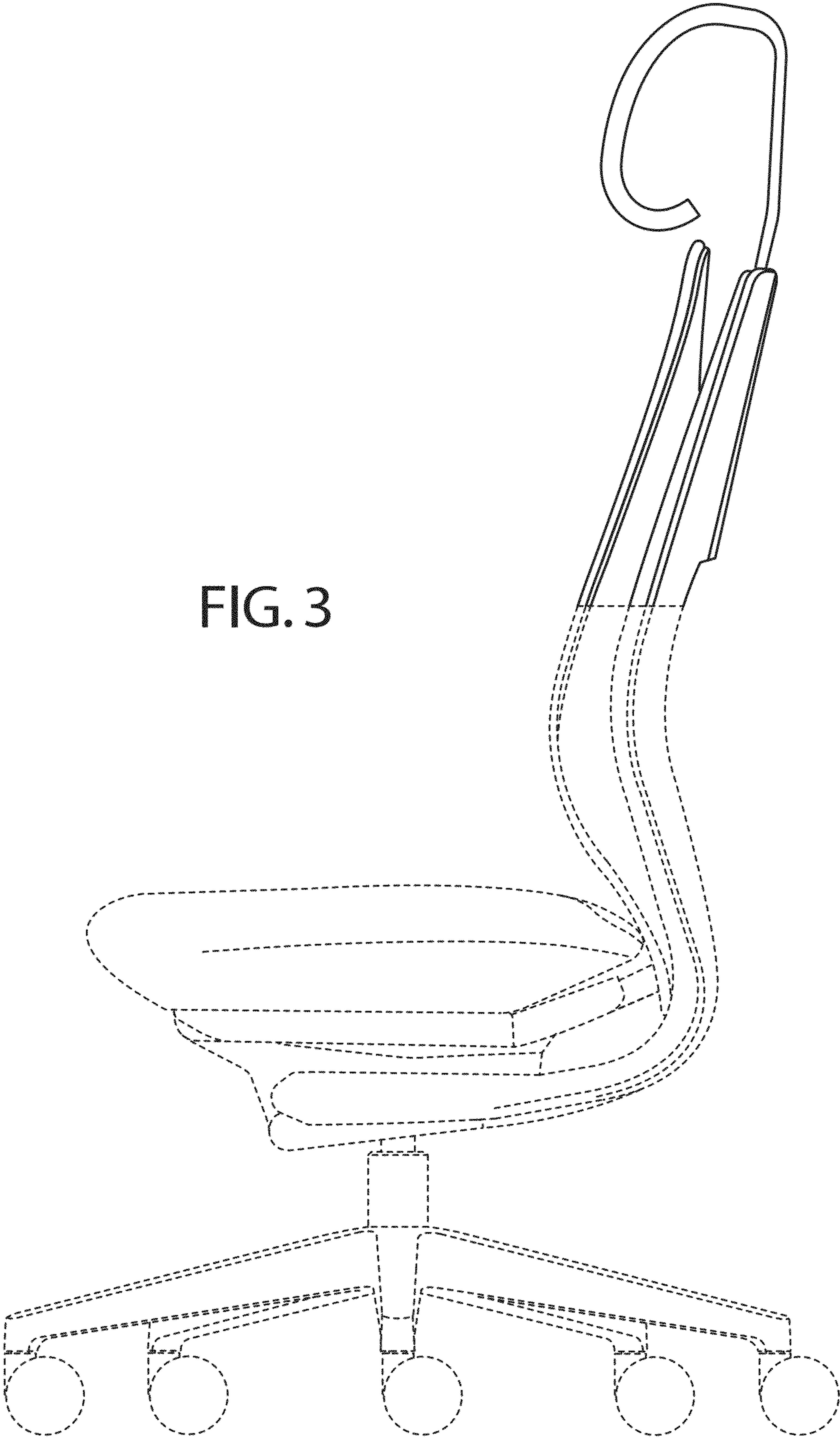


FIG. 3

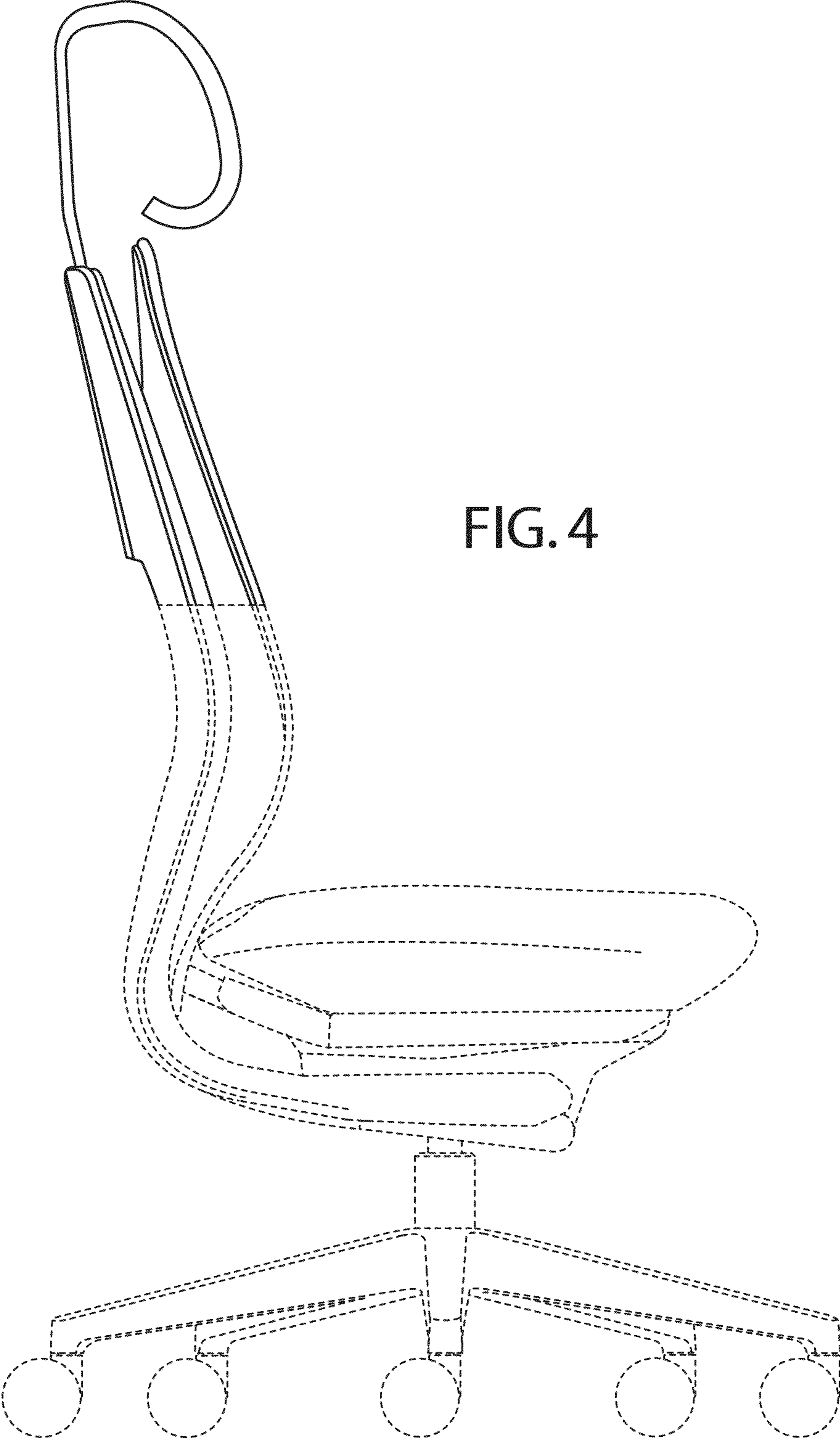


FIG. 4

FIG. 5

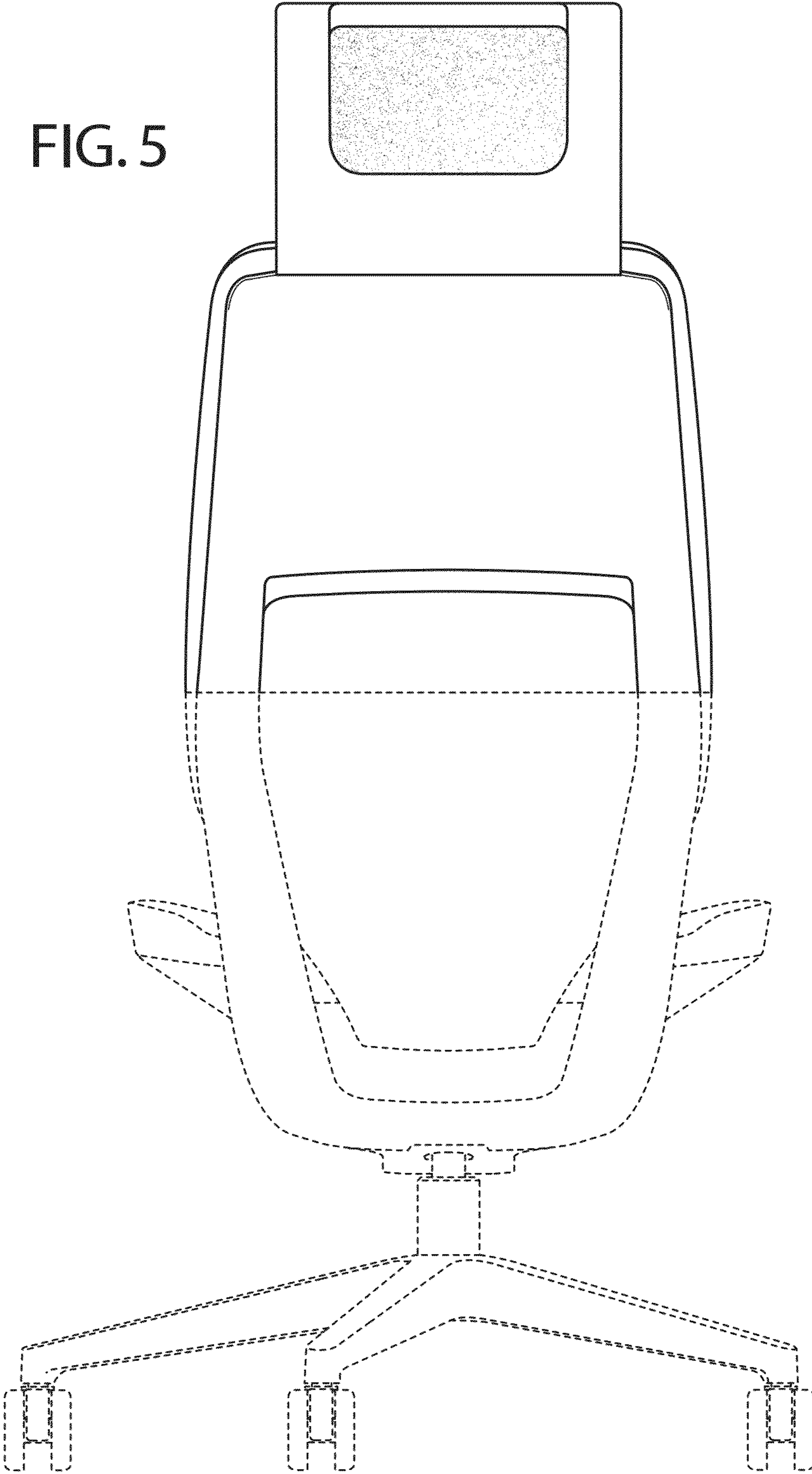


FIG. 6

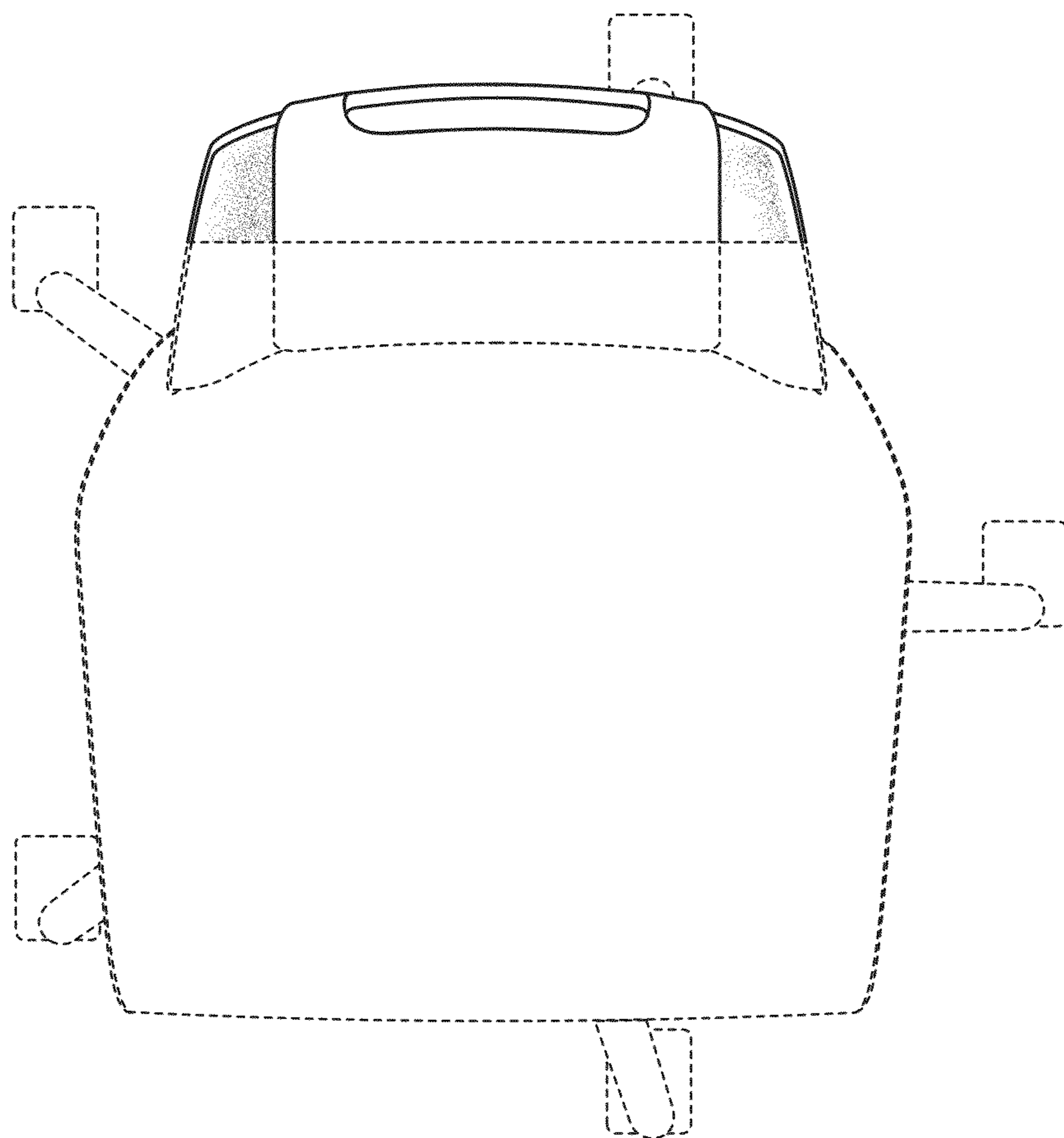


FIG. 7

