

US00D696546S

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

(10) **Patent No.:** **US D696,546 S**
(45) **Date of Patent:** **** Dec. 31, 2013**

(54) **CHAIR BACK**

(56)

References Cited

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

U.S. PATENT DOCUMENTS

(72) Inventors: **Luke Pearson**, London (GB); **Tom Lloyd**, London (GB); **Nick Carpenter**, London (GB); **James Ludwig**, East Grand Rapids, MI (US); **Bruce Smith**, Grand Rapids, MI (US)

56,718	A	7/1866	Coomes	
293,833	A	2/1884	Winchester	
398,179	A	2/1889	Parry	
538,708	A *	5/1895	Smith	297/368
2,016,953	A	10/1935	Arnold	
2,182,485	A	12/1939	Murdock	
2,365,334	A *	12/1944	De Vries	156/211
2,512,353	A	6/1950	Magaldino et al.	
2,530,924	A *	11/1950	Turner	297/452.15
D164,204	S *	8/1951	Smith	D6/370

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

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

(Continued)

(21) Appl. No.: **29/462,033**

FOREIGN PATENT DOCUMENTS

(22) Filed: **Jul. 30, 2013**

DE	19526437	A1	1/1997
JP	2008080090	A	4/2008
JP	2008080092	A	4/2008
WO	WO-9406339	A1	3/1994

Related U.S. Application Data

OTHER PUBLICATIONS

(63) Continuation of application No. 12/454,995, filed on May 26, 2009.

Written Opinion and International Search Report Issued in connection with PCT Application No. PCT/US2009/003235 dated Jan. 19, 2010.

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

(Continued)

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

Primary Examiner — Ricky Pham

(58) **Field of Classification Search**
USPC D6/334–336, 344–353, 360–381, 388, D6/403, 491–502, 692, 708, 716, D6/716.2–716.4; 156/211; 297/16.1, 22, 297/31, 35, 217.1, 228.12, 230.1, 239, 297/256.16, 271.6, 284.1–284.7, 291, 297, 297/302.1–302.4, 368, 411.2, 297/411.27–411.29, 411.43, 423.1, 423.12, 297/440.11, 440.15, 440.24, 448.1, 451.4, 297/452.13–452.15, 452.18, 452.19, 297/452.21, 452.27, 452.29, 452.3, 452.41, 297/452.56, 452.63–452.64

(74) *Attorney, Agent, or Firm* — McDermott Will & Emery LLP

(57) **CLAIM**

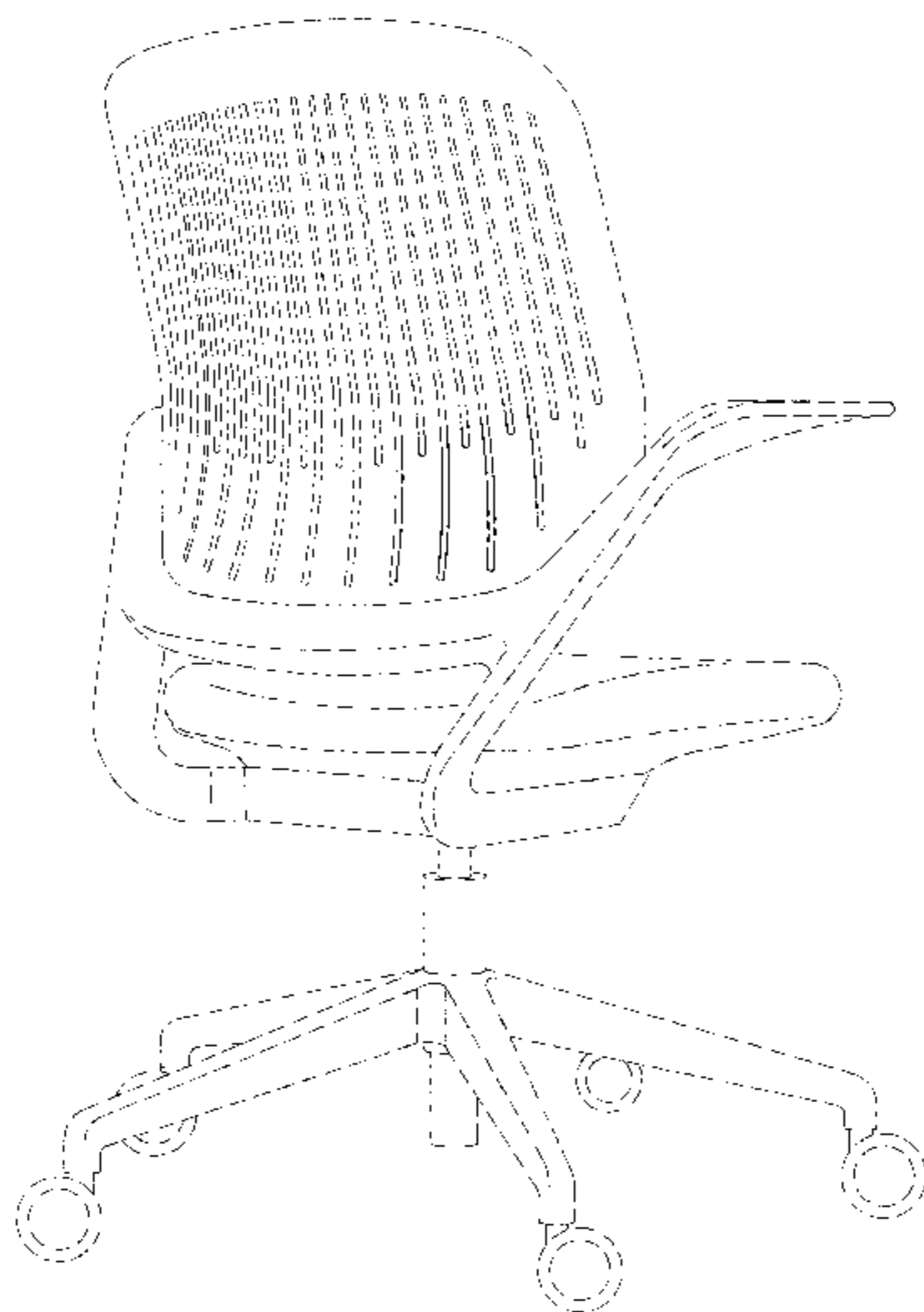
We claim the ornamental design for a chair back, as shown and described.

DESCRIPTION

FIG. 1 is a rear perspective view of a chair back according to the new design; and, FIG. 2 is a rear view of the chair back shown in FIG. 1. In the drawings, the broken lines form no part of the claimed design.

See application file for complete search history.

1 Claim, 2 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2,648,372 A	8/1953	Smith		D330,292 S	10/1992	Nguyen	
2,649,147 A	8/1953	Sanford		D332,530 S *	1/1993	Nguyen	D6/370
2,798,538 A	7/1957	Dreifke		5,217,278 A	6/1993	Harrison et al.	
2,843,195 A *	7/1958	Barvaeus	297/284.4	5,240,308 A	8/1993	Goldstein et al.	
2,893,476 A	7/1959	Liljengren		5,249,839 A	10/1993	Faiks et al.	
2,894,565 A	7/1959	Conner		D341,265 S	11/1993	Gehry	
3,036,864 A	5/1962	Arai		D343,317 S	1/1994	Poo	
D194,740 S *	3/1963	Parker	D6/370	5,277,475 A	1/1994	Brandes	
3,106,423 A	10/1963	Schwarz		D344,191 S *	2/1994	Gehry	D6/369
D197,512 S *	2/1964	Poisson	D6/375	D344,202 S	2/1994	Schwartz	
3,135,552 A	6/1964	Lockshin		D345,656 S *	4/1994	Theobald	D6/370
3,135,553 A	6/1964	Lockshin		5,299,851 A	4/1994	Lin	
3,203,734 A *	8/1965	Seymer	297/452.63	5,302,002 A	4/1994	Nagasaka	
D212,470 S	10/1968	Rutter		5,320,410 A	6/1994	Faiks et al.	
3,565,482 A	2/1971	Blodee		5,333,934 A	8/1994	Knoblock	
3,669,499 A	6/1972	Semplonius et al.		5,338,091 A	8/1994	Miller	
3,672,723 A	6/1972	Decursu et al.		5,338,094 A	8/1994	Perry	
3,752,533 A	8/1973	Gilbert		5,352,022 A	10/1994	Knoblock	
3,813,148 A	5/1974	Kraus		5,354,120 A	10/1994	Volkle	
3,877,750 A	4/1975	Scholpp		5,366,273 A	11/1994	Bresch	
3,948,558 A	4/1976	Obermeier et al.		5,380,063 A	1/1995	Dauphin	
3,982,785 A	9/1976	Ambasz		5,385,388 A	1/1995	Faiks et al.	
3,989,297 A	11/1976	Kerstholt		5,405,188 A	4/1995	Hanson	
4,007,962 A	2/1977	Muller-Deisig		D360,538 S *	7/1995	Skalka	D6/370
4,054,318 A	10/1977	Costin		5,435,621 A	7/1995	Komorowski et al.	
4,062,590 A	12/1977	Polsky et al.		5,447,356 A	9/1995	Snijders	
4,084,850 A	4/1978	Ambasz		5,460,427 A	10/1995	Serber	
4,157,203 A	6/1979	Ambasz		D363,844 S	11/1995	Maple et al.	
4,314,728 A	2/1982	Faiks		5,474,360 A	12/1995	Chang	
4,316,632 A	2/1982	Brauning		5,487,591 A	1/1996	Knoblock	
4,333,683 A	6/1982	Ambasz		5,498,065 A	3/1996	Tosoni	
4,372,609 A	2/1983	Boisset		5,518,294 A	5/1996	Ligon, Sr. et al.	
4,380,352 A	4/1983	Diffrient		5,540,481 A	7/1996	Roossien et al.	
4,386,805 A	6/1983	Boisset		5,573,302 A	11/1996	Harrison et al.	
4,410,214 A	10/1983	Geschwender		5,575,534 A	11/1996	Yu	
4,498,702 A	2/1985	Raftery		5,577,807 A	11/1996	Hodge et al.	
4,502,728 A	3/1985	Sheldon et al.		5,577,811 A	11/1996	Ogg	
4,521,053 A	6/1985	de Boer		5,582,459 A	12/1996	Hama et al.	
4,544,204 A	10/1985	Schmale		5,590,932 A	1/1997	Olivieri	
4,580,836 A	4/1986	Verney		5,597,203 A	1/1997	Hubbard	
4,585,272 A	4/1986	Ballarini		5,611,598 A	3/1997	Knoblock	
4,621,866 A	11/1986	Zani		5,630,647 A	5/1997	Heidmann et al.	
4,641,884 A	2/1987	Miyashita et al.		5,662,383 A	9/1997	Hand	
4,660,887 A	4/1987	Fleming et al.		5,664,835 A *	9/1997	Desanta	297/302.1
4,685,730 A	8/1987	Linguanotto		D384,511 S	10/1997	Gresens	
4,703,974 A	11/1987	Brauning		5,683,142 A	11/1997	Gunderson et al.	
4,744,603 A	5/1988	Knoblock		5,716,099 A	2/1998	McDiarmid	
4,776,633 A	10/1988	Knoblock et al.		5,762,403 A	6/1998	Robinson	
4,810,033 A	3/1989	Kemmann		5,769,500 A	6/1998	Holbrook	
4,834,453 A	5/1989	Makiol		5,791,736 A	8/1998	Herbert	
4,848,837 A	7/1989	Volkle		5,810,438 A	9/1998	Newhouse	
4,861,108 A	8/1989	Acton et al.		5,826,944 A	10/1998	Beneker et al.	
4,896,918 A	1/1990	Hoshihara		5,863,094 A	1/1999	Endo	
4,919,485 A	4/1990	Guichon		5,871,258 A	2/1999	Batley et al.	
4,925,244 A	5/1990	Nava		5,904,397 A	5/1999	Fismen	
4,928,334 A	5/1990	Kita		5,938,284 A	8/1999	Coffield	
4,966,413 A	10/1990	Palarski		D413,452 S *	9/1999	Rhienen	D6/370
4,968,093 A *	11/1990	Dal Monte	297/284.4	D415,626 S *	10/1999	Van Rhienen	D6/379
4,981,326 A	1/1991	Heidmann		D420,522 S *	2/2000	Rhienen	D6/370
5,009,466 A	4/1991	Perry		D420,824 S	2/2000	Lin	
5,015,034 A	5/1991	Kindig et al.		6,019,428 A	2/2000	Coffield	
5,015,038 A	5/1991	Mrotz, III		6,027,171 A	2/2000	Partington et al.	
D319,354 S	8/1991	Wolcott		6,059,368 A	5/2000	Stumpf et al.	
5,039,163 A	8/1991	Tolleson		D430,975 S	9/2000	Grosfillex	
5,040,847 A	8/1991	Nguyen		D431,922 S	10/2000	Grosfillex	
5,044,693 A	9/1991	Yokota		6,139,110 A	10/2000	Jeng	
5,050,930 A	9/1991	Schuster et al.		6,164,726 A	12/2000	Reeves et al.	
5,050,931 A	9/1991	Knoblock		D437,134 S	2/2001	Anderson et al.	
5,062,676 A	11/1991	Mars		6,186,594 B1	2/2001	Valiquette et al.	
5,087,098 A	2/1992	Ishizuka		6,231,125 B1	5/2001	Maeda et al.	
5,100,201 A	3/1992	Becker, III et al.		D443,430 S	6/2001	Anderson et al.	
5,102,196 A	4/1992	Kaneda et al.		D449,172 S	10/2001	Van De Riet et al.	
5,112,108 A	5/1992	Zapf		D456,159 S *	4/2002	Ball et al.	D6/366
5,120,109 A	6/1992	Rangoni		D456,160 S	4/2002	Van De Riet et al.	
5,121,963 A	6/1992	Kwasnik et al.		6,378,942 B1 *	4/2002	Chu	297/284.4
				6,378,944 B1	4/2002	Weisser	
				D456,650 S *	5/2002	Ball et al.	D6/502
				D457,023 S *	5/2002	Ball et al.	D6/502
				D457,739 S *	5/2002	Pearce et al.	D6/366

(56)

References Cited

U.S. PATENT DOCUMENTS

6,386,634 B1 5/2002 Stumpf et al.
 6,386,638 B1 5/2002 Strauch
 6,394,548 B1 5/2002 Battey et al.
 6,409,268 B1 6/2002 Cvek
 D459,923 S * 7/2002 Chu D6/502
 6,419,318 B1 7/2002 Albright
 6,422,650 B1 7/2002 Chien-Shen
 D461,079 S * 8/2002 Holbrook D6/502
 6,439,665 B1 8/2002 Cvek
 D463,174 S * 9/2002 Chu D6/500
 6,499,802 B2 12/2002 Drira
 6,511,562 B1 1/2003 Coffield
 D469,619 S 2/2003 Stewart
 D470,669 S 2/2003 Stewart
 6,523,898 B1 2/2003 Ball et al.
 6,540,950 B1 4/2003 Coffield
 6,550,866 B1 4/2003 Su
 6,619,749 B2 9/2003 Willy
 6,669,292 B2 12/2003 Koepke et al.
 6,669,301 B1 12/2003 Funk et al.
 6,688,687 B2 * 2/2004 Chu 297/284.4
 6,688,690 B2 2/2004 Watson et al.
 6,698,833 B2 3/2004 Ball et al.
 6,712,427 B1 3/2004 Bourdkane et al.
 6,715,839 B2 4/2004 Legal
 6,725,523 B2 4/2004 Chiang
 6,726,286 B2 4/2004 Stumpf et al.
 6,739,671 B2 5/2004 De Maina
 6,752,464 B1 6/2004 Tseng
 6,755,467 B1 * 6/2004 Chu 297/284.1
 6,758,528 B2 7/2004 Kawashima
 6,811,218 B2 11/2004 Deimen et al.
 6,839,950 B2 1/2005 Guillot
 6,842,959 B2 1/2005 Coffield et al.
 6,890,030 B2 5/2005 Wilkerson et al.
 6,899,398 B2 5/2005 Coffield
 D506,629 S 6/2005 Koepke et al.
 6,908,159 B2 6/2005 Prince et al.
 6,913,315 B2 * 7/2005 Ball et al. 297/284.7
 6,918,633 B2 7/2005 Forkel et al.
 D509,975 S 9/2005 Pan
 6,942,300 B2 9/2005 Numa et al.
 D510,671 S 10/2005 Wu
 6,955,402 B2 10/2005 VanDeRiet et al.
 6,966,606 B2 11/2005 Coffield
 6,969,115 B2 11/2005 Bourdkane et al.
 6,971,717 B1 * 12/2005 Rhodes 297/230.1
 6,983,997 B2 1/2006 Wilkerson et al.
 6,991,285 B1 1/2006 Hemenway
 7,032,971 B2 * 4/2006 Williams 297/284.4
 7,096,549 B2 8/2006 Coffield
 7,097,247 B2 8/2006 Battey et al.

7,128,373 B2 10/2006 Kurtycz et al.
 7,131,694 B1 11/2006 Buffa
 7,159,293 B2 1/2007 Coffield et al.
 7,216,933 B2 * 5/2007 Schmidt et al. 297/284.4
 D544,720 S * 6/2007 Berbegal Perez D6/366
 7,252,339 B2 8/2007 Owens
 7,270,378 B2 9/2007 Wilkerson et al.
 D553,376 S * 10/2007 Nakamura et al. D6/366
 7,331,633 B2 2/2008 Balensiefer et al.
 7,367,629 B2 5/2008 Kepler et al.
 D571,570 S 6/2008 Zhang
 D575,085 S * 8/2008 Su D6/502
 D575,969 S * 9/2008 Su D6/502
 D577,521 S * 9/2008 Su D6/502
 D581,708 S * 12/2008 Su D6/502
 D600,931 S * 9/2009 Pearson et al. D6/366
 D600,952 S * 9/2009 Pearson et al. D6/502
 7,604,298 B2 10/2009 Peterson et al.
 7,841,664 B2 11/2010 Holdredge et al.
 7,841,666 B2 11/2010 Schmitz et al.
 D654,291 S * 2/2012 Pearson et al. D6/500
 D654,709 S * 2/2012 Fujita D6/366
 D675,456 S * 2/2013 Sexton D6/366
 D676,254 S * 2/2013 Chen D6/366
 D677,068 S * 3/2013 Chen D6/366
 D679,107 S * 4/2013 Darrow et al. D6/366
 D680,765 S * 4/2013 Ballendat D6/366
 D683,150 S * 5/2013 Smith et al. D6/366
 D688,055 S * 8/2013 Baldanzi et al. D6/366
 D688,061 S * 8/2013 Giugiaro D6/366
 D688,497 S * 8/2013 Smith et al. D6/716
 D689,314 S * 9/2013 Smith et al. D6/716
 2002/0003371 A1 1/2002 Link
 2002/0140276 A1 * 10/2002 Funk et al. 297/452.63
 2002/0195863 A1 12/2002 Su
 2004/0245840 A1 12/2004 Tubergen et al.
 2004/0262975 A1 12/2004 Su
 2005/0093354 A1 5/2005 Ball et al.
 2005/0200189 A1 9/2005 Schultz et al.
 2006/0006715 A1 1/2006 Chadwick et al.
 2007/0035169 A1 2/2007 Sawyer
 2007/0057548 A1 3/2007 Buffa
 2007/0057549 A1 3/2007 Ball et al.
 2007/0228799 A1 10/2007 Kinoshita et al.
 2007/0257531 A1 11/2007 Mashimo
 2007/0267912 A1 11/2007 Britton et al.
 2008/0122284 A1 5/2008 Yang
 2008/0122285 A1 5/2008 Lin

OTHER PUBLICATIONS

Extended European Search Report and Preliminary Opinion, European Patent Application No. 09762841.6, Jul. 22, 2011.

* cited by examiner

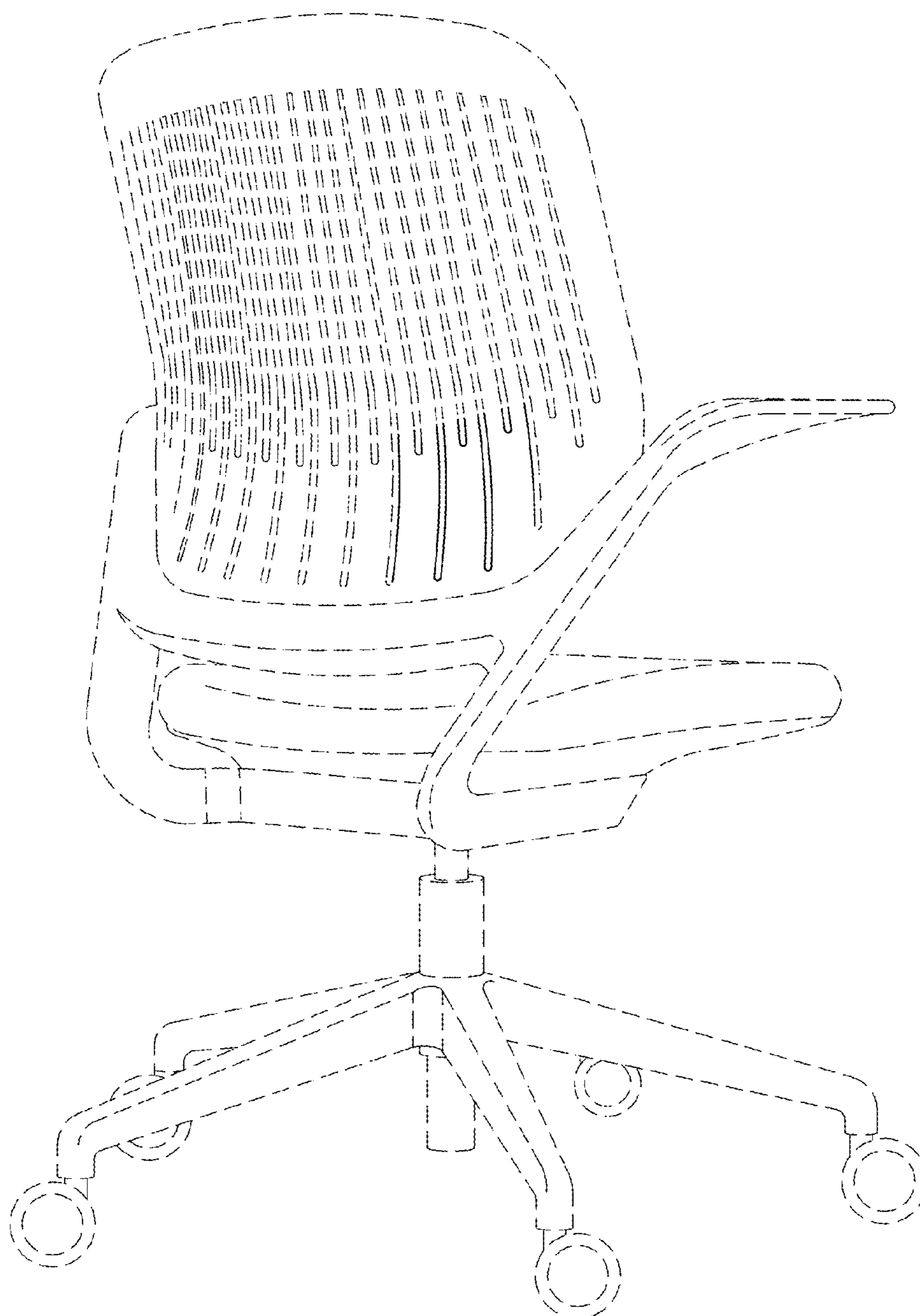


FIG. 1

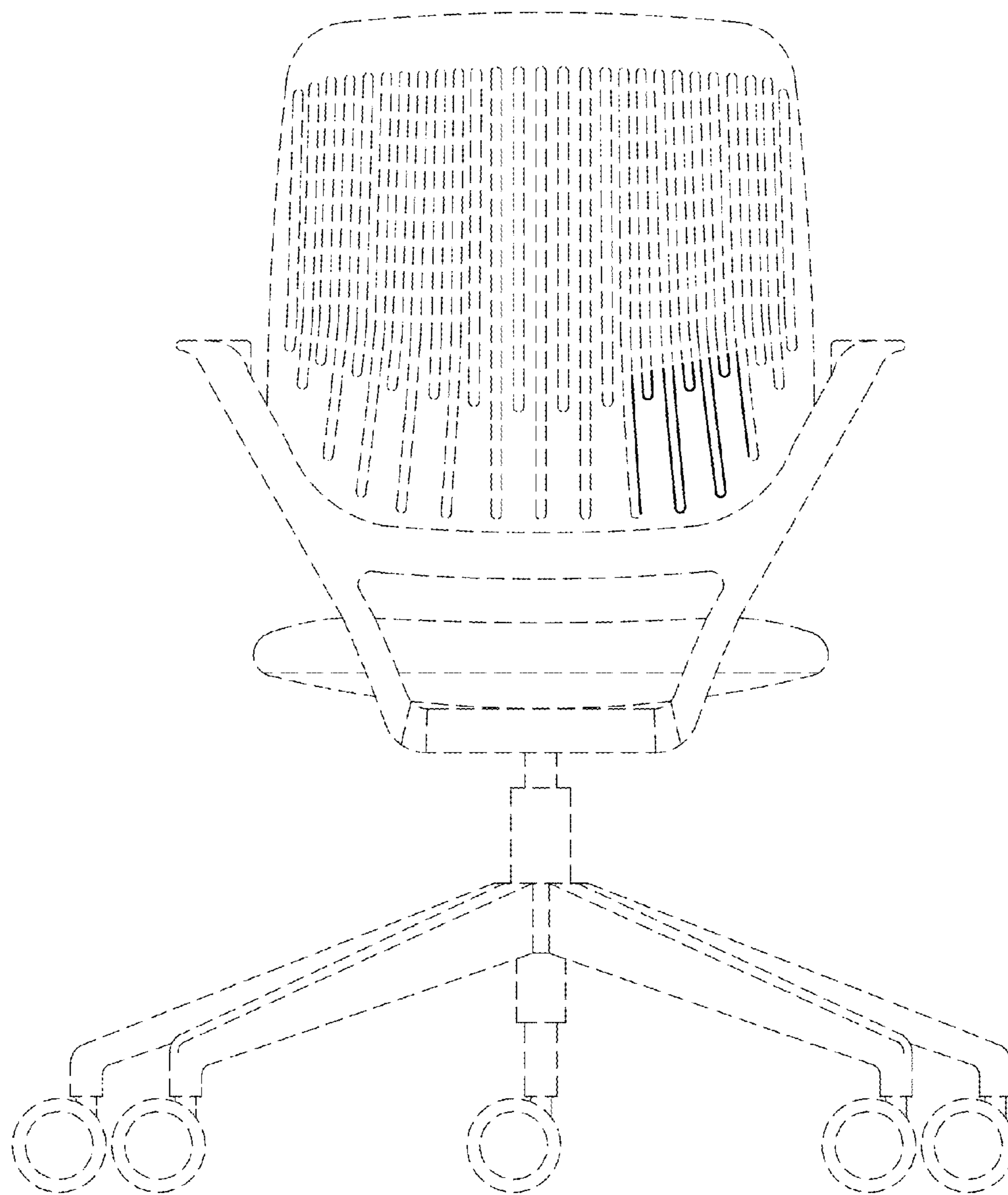


FIG. 2