



US00D779252S

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

(10) **Patent No.:** **US D779,252 S**

(45) **Date of Patent:** **** Feb. 21, 2017**

(54) **BACK SUPPORT FOR A CHAIR**

(71) Applicant: **Haworth, Inc.**, Holland, MI (US)

(72) Inventors: **Michael W. Welsh**, Rockford, MI (US);
Kyle R. Fleet, Byron Center, MI (US);
Nicolai Czumaj-Bront, Grand Rapids,
MI (US); **Peter J. Beyer**, Hamilton, MI
(US); **Teresa A. Bellingar**, Holland, MI
(US)

(73) Assignee: **Haworth, Inc.**, Holland, MI (US)

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

(21) Appl. No.: **29/554,569**

(22) Filed: **Feb. 12, 2016**

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

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

(58) **Field of Classification Search**
USPC D6/334-336, 364, 365, 366, 374, 379,
D6/716, 716.1, 716.2, 716.3, 716.4
CPC A47C 7/022; A47C 7/40; A47C 4/028;
A47C 7/18; A47C 7/38; A47C
7/46; B60N 2/66

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,353,869	A	11/1967	Getz et al.
3,476,169	A	11/1969	Militano
4,049,315	A	9/1977	Jacobson
4,408,800	A	10/1983	Knapp
4,556,254	A	12/1985	Roberts
4,658,807	A	4/1987	Swain
4,744,603	A	5/1988	Knoblock
5,320,410	A	6/1994	Faiks et al.
5,403,067	A	4/1995	Rajaratnam
5,586,808	A	12/1996	Oelke
5,645,321	A	7/1997	Seroldi

5,826,937	A	10/1998	Massara
5,951,109	A	9/1999	Roslund et al.
5,988,757	A	11/1999	Vishey et al.
6,572,190	B2	6/2003	Koepke et al.
6,910,736	B2	6/2005	White

(Continued)

FOREIGN PATENT DOCUMENTS

CN	2168479	6/1994
CN	1331940	1/2002

(Continued)

OTHER PUBLICATIONS

International Search Report and Written Opinion dated Jul. 29, 2014, International Application No. PCT/US2014/028161.

Primary Examiner — Mimosa De

(74) *Attorney, Agent, or Firm* — Warner Norcross & Judd
LLP

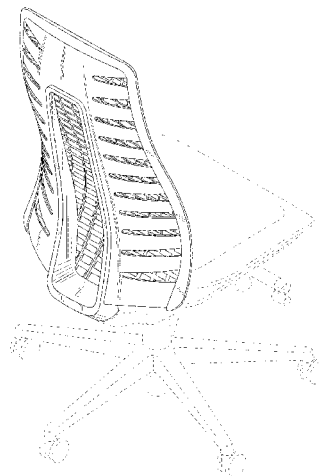
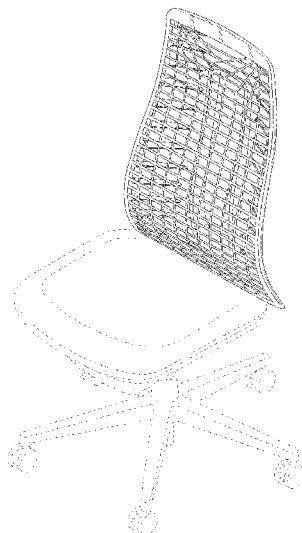
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a front perspective view of the back support for a
chair embodying the new design;
FIG. 2 is a rear perspective view thereof;
FIG. 3 is a right side view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a front view thereof;
FIG. 6 is a rear view thereof;
FIG. 7 is a top view thereof; and,
FIG. 8 is a bottom view thereof.
FIGS. 1-8 show a seat support in broken lines. The portions
shown in broken lines are for environmental purposes only
and form no part of the claimed design.

1 Claim, 7 Drawing Sheets



US D779,252 S

Page 2

(56)

References Cited

U.S. PATENT DOCUMENTS

6,971,717	B1	12/2005	Rhodes	
7,032,971	B2	4/2006	Williams	
D557,917	S *	12/2007	Nakamura	D6/366
7,396,438	B2	7/2008	Scobie	
D600,462	S *	9/2009	Ooki	D6/366
7,909,402	B2	3/2011	Chu et al.	
D643,641	S *	8/2011	Figueroa	D6/366
D643,642	S *	8/2011	Figueroa	D6/366
D680,345	S *	4/2013	Xingchang	D6/366
D684,783	S *	6/2013	Hsiao	D6/366
D686,440	S *	7/2013	Xingchang	D6/716.4
D686,441	S *	7/2013	Xingchang	D6/366
8,622,472	B2	1/2014	Rajaratnam	
D715,068	S *	10/2014	Chan	D6/366
D731,833	S *	6/2015	Fifield	D6/716.4
D735,513	S *	8/2015	Chan	D6/716.4
9,332,851	B2 *	5/2016	Machael	A47C 7/46
2001/0008955	A1	7/2001	Garth	
2002/0130540	A1	9/2002	Rajasingham	
2004/0007910	A1	1/2004	Skelly	
2004/0104610	A1	6/2004	Jaskot et al.	
2004/0256899	A1	12/2004	Moore et al.	
2006/0103214	A1	5/2006	Andersson et al.	
2006/0181126	A1	8/2006	Eysing	
2006/0255635	A1	11/2006	Iijima et al.	
2007/0102987	A1	5/2007	Chen	
2009/0102268	A1	4/2009	Schmitz et al.	

2009/0261644	A1	10/2009	Piretti
2010/0187882	A1	7/2010	Chen
2012/0061988	A1	3/2012	Jaranson et al.
2012/0299350	A1	11/2012	Willingham
2013/0221724	A1	8/2013	Fowler
2014/0062154	A1	3/2014	Minino et al.
2014/0117738	A1	5/2014	Takahashi et al.
2014/0183914	A1	7/2014	Cvek

FOREIGN PATENT DOCUMENTS

CN	1470420	1/2004
CN	1564666	1/2005
CN	1575142	2/2005
CN	101715310	5/2010
DE	102007002284	7/2008
DE	102008009509	8/2009
DE	102011100708	11/2012
EP	1232703	8/2002
EP	1693248	8/2006
EP	1785070	5/2007
EP	1911374	4/2008
EP	1946676	7/2008
WO	9212654	8/1992
WO	9848670	11/1998
WO	9848671	11/1998
WO	0022961	4/2000
WO	03063651	8/2003
WO	20120167940	12/2012

* cited by examiner

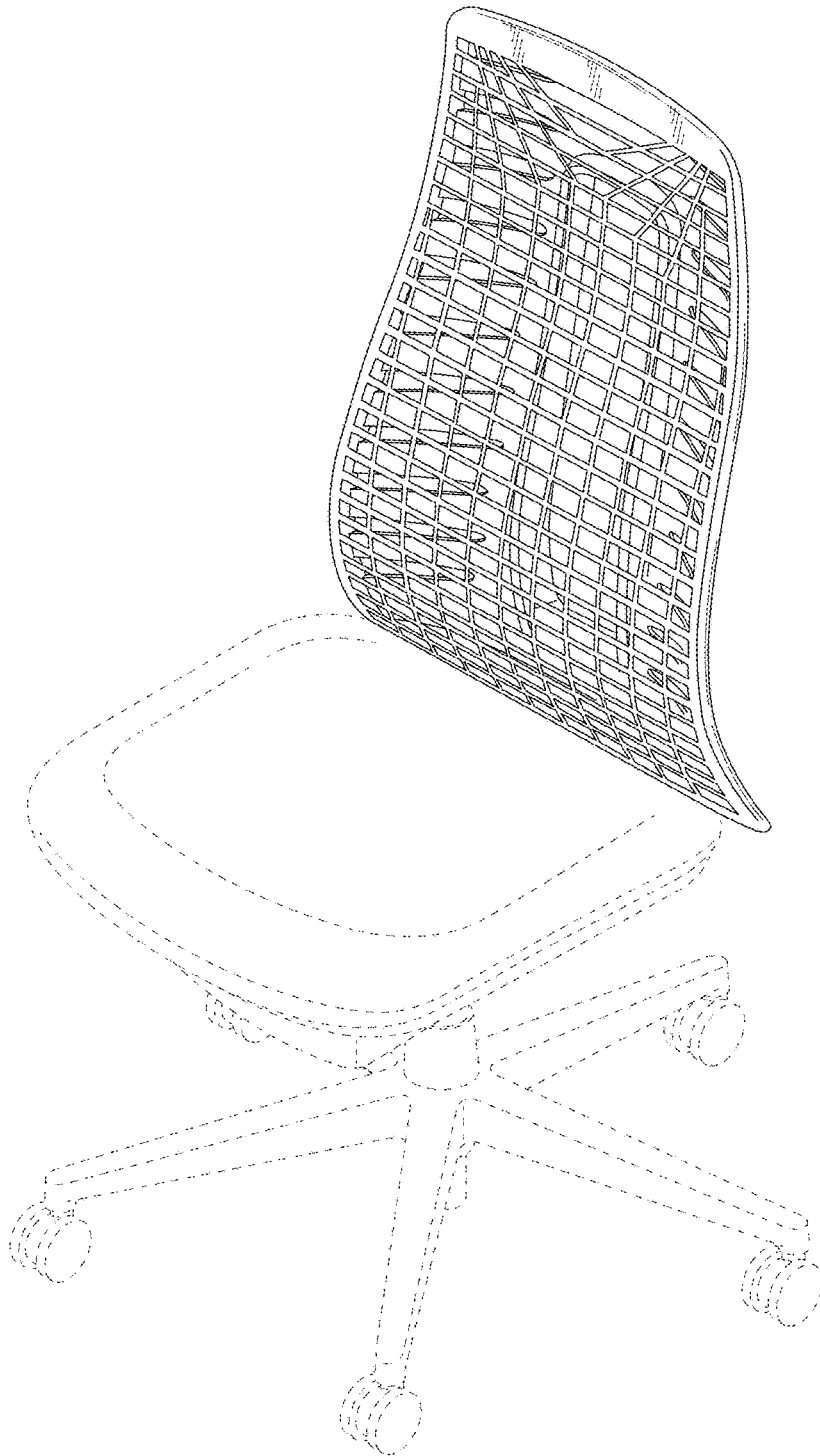


Fig. 1

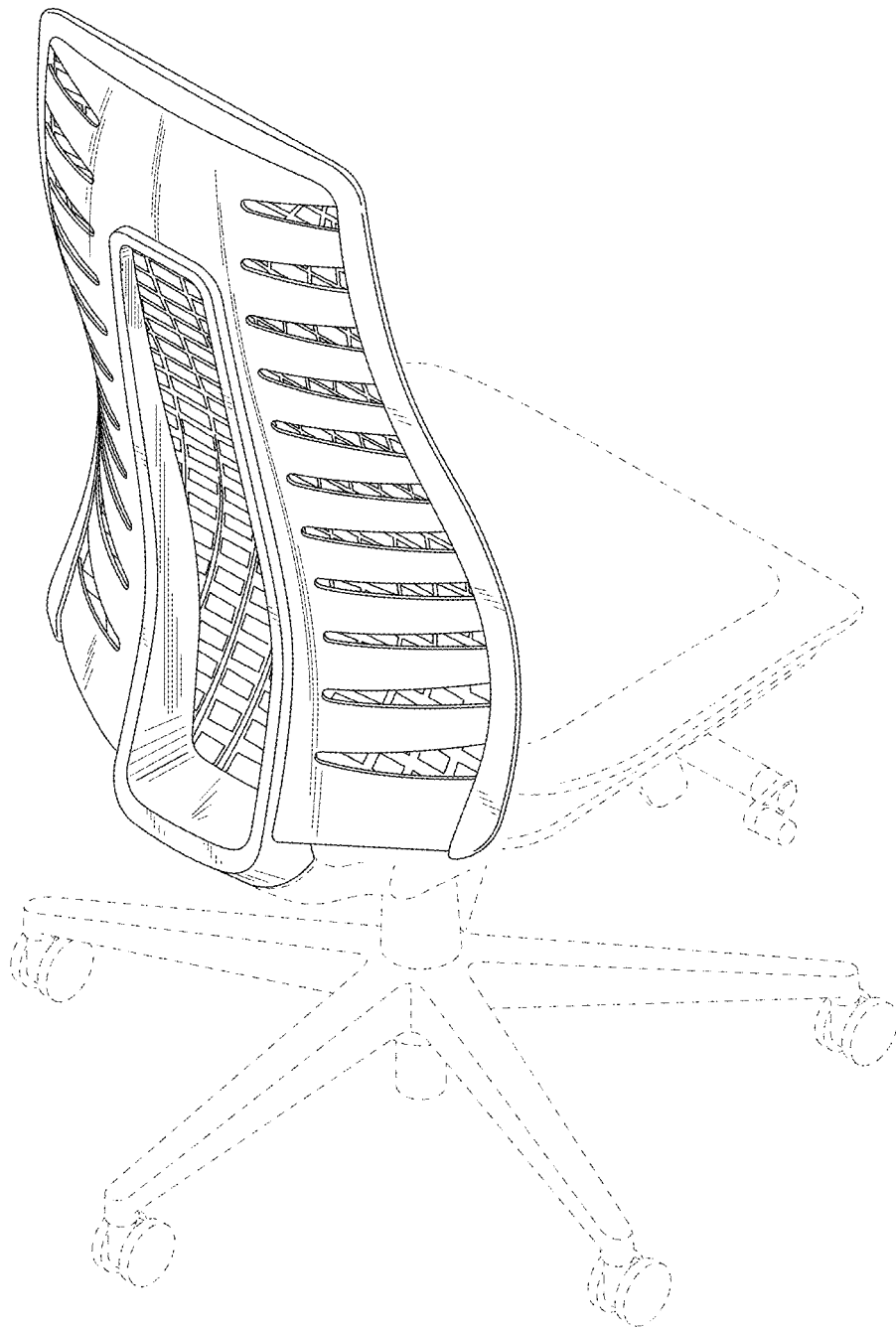


Fig. 2

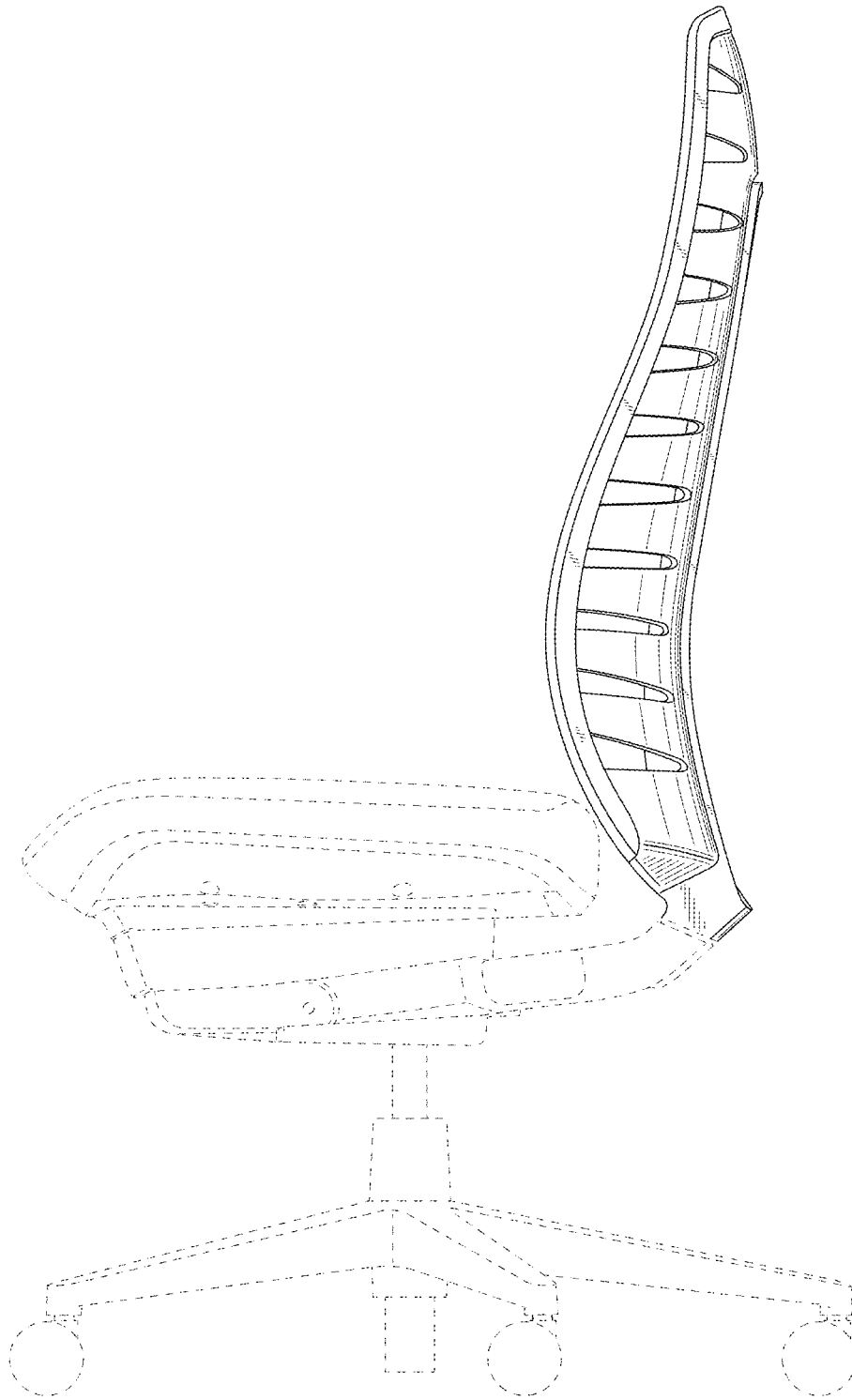


Fig. 3

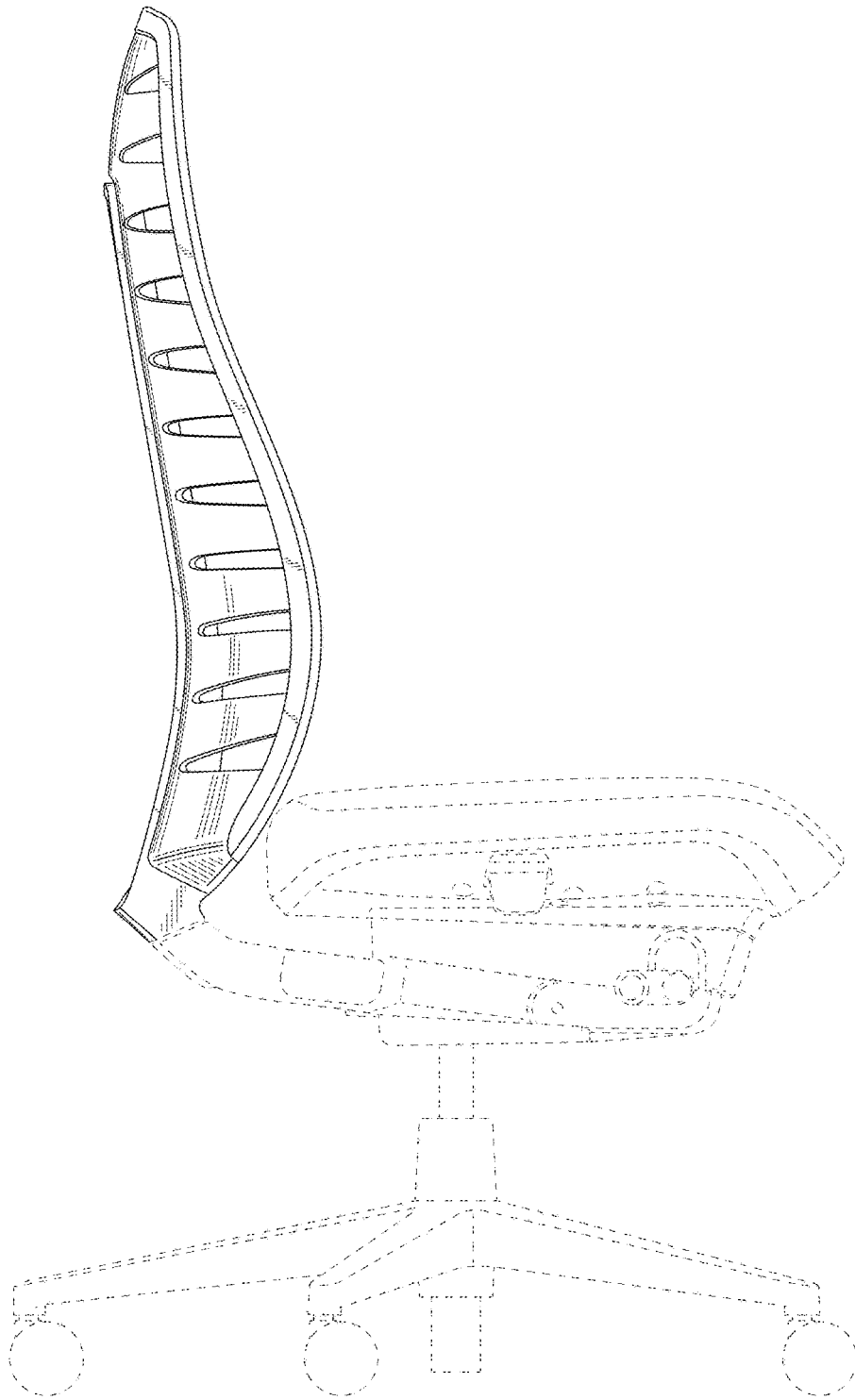


Fig. 4

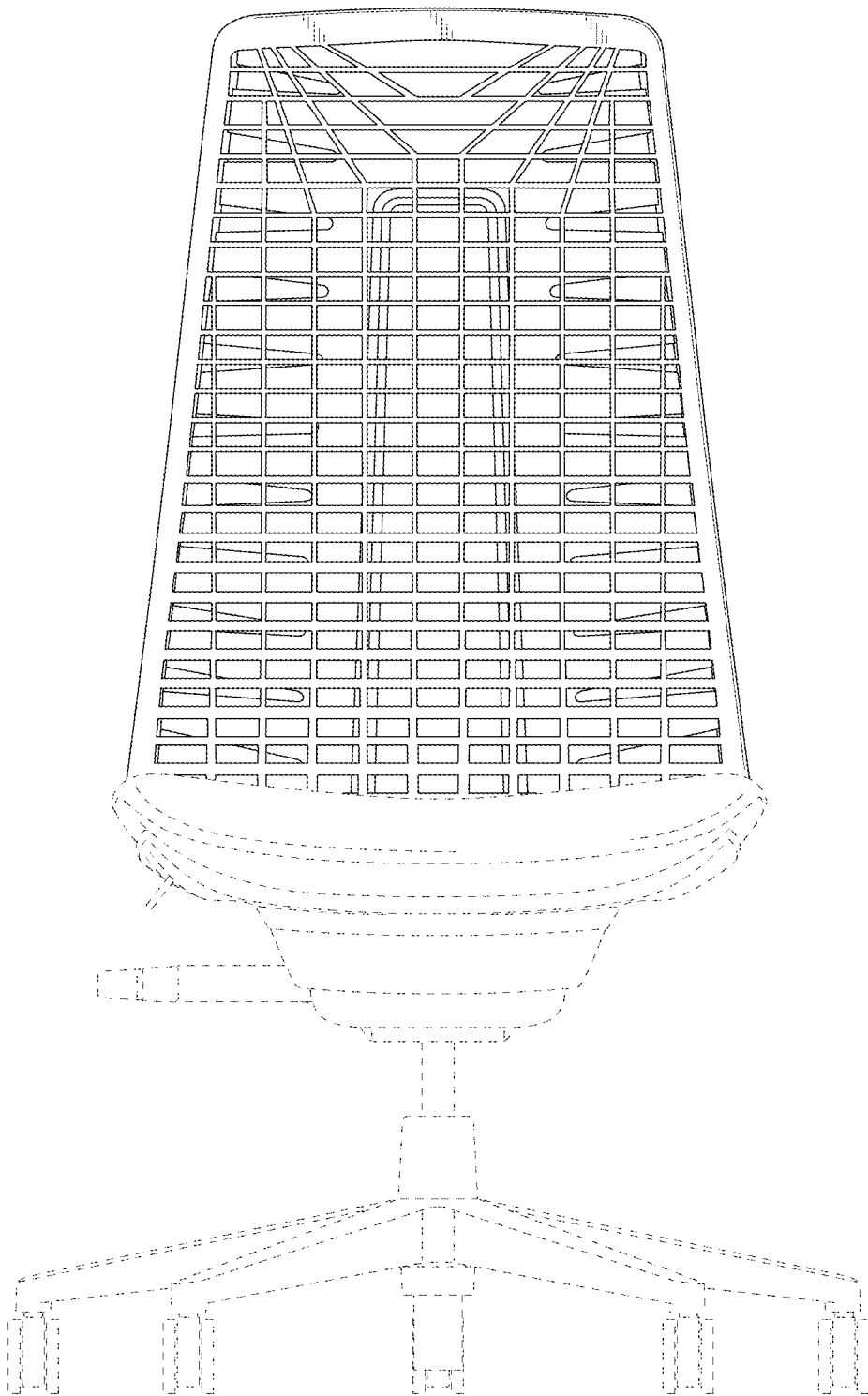


Fig. 5

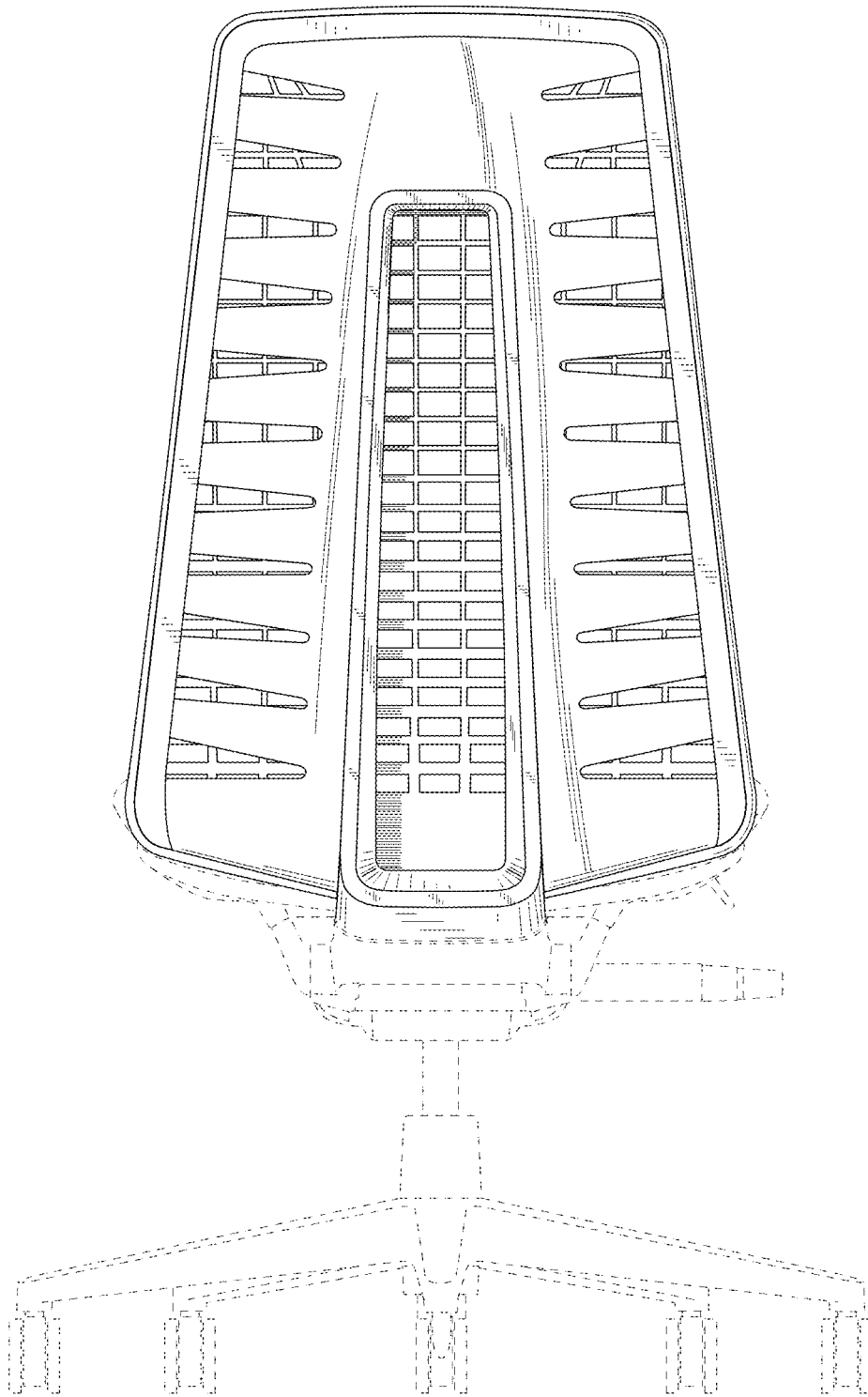


Fig. 6

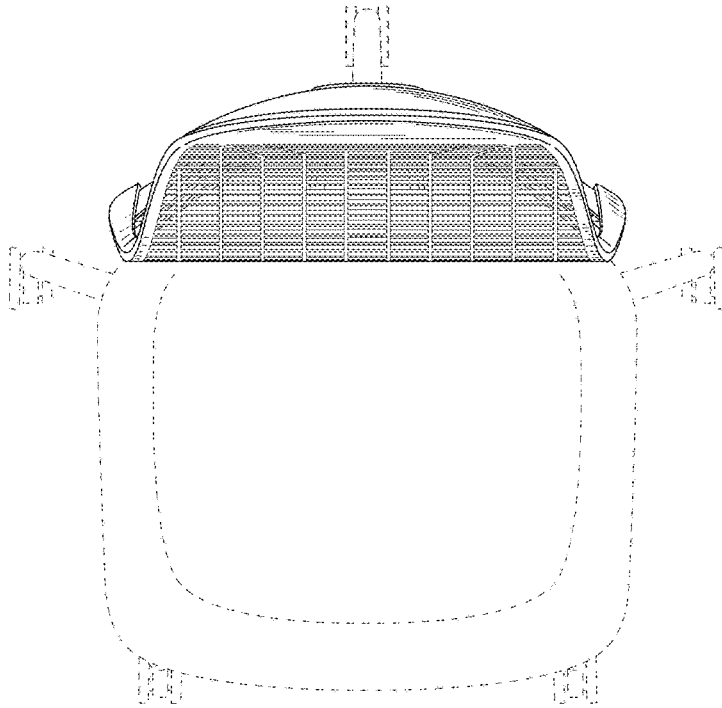


Fig. 7

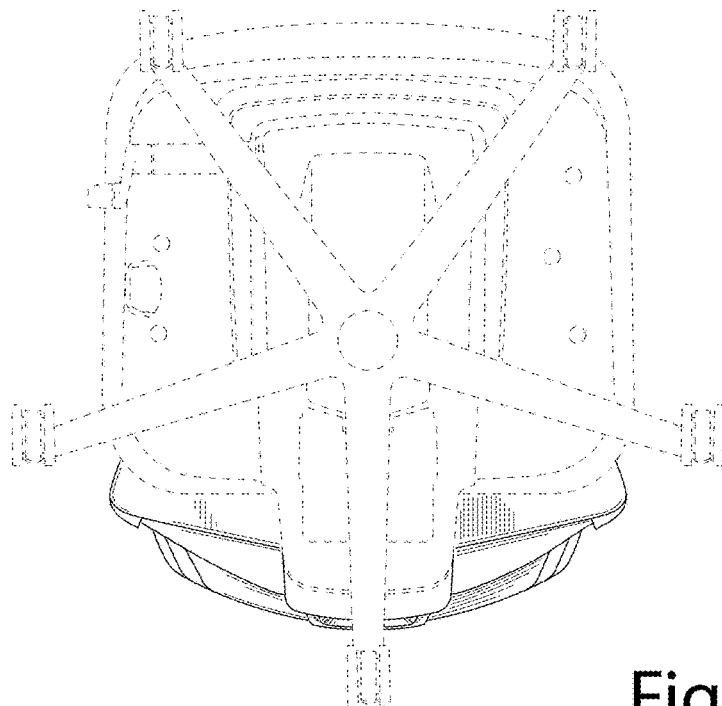


Fig. 8