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(12) **United States Design Patent**  
**Lah**

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(54) **TENT FRAME**

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 CPC ..... **E04H 15/18** (2013.01)

(58) **Field of Classification Search**  
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 CPC ..... E04H 15/00; E04H 15/02; E04H 15/18;  
 E04H 15/28; E04H 15/32; E04H 15/34;  
 E04H 15/40; E04H 15/42; E04H 15/425;  
 E04H 15/50  
 See application file for complete search history.

(56) **References Cited**  
 U.S. PATENT DOCUMENTS

3,888,056 A \* 6/1975 Kelly ..... E04B 1/32  
 52/109  
 4,128,104 A \* 12/1978 Corey ..... E04H 15/40  
 135/117  
 4,286,612 A \* 9/1981 Neal ..... A01K 1/033  
 135/115  
 4,630,627 A \* 12/1986 Windows ..... E04B 1/3441  
 135/116

4,641,676 A \* 2/1987 Lynch ..... E04H 15/50  
 135/115  
 4,793,371 A \* 12/1988 O'Ferrell ..... E04H 15/44  
 135/118  
 4,944,321 A \* 7/1990 Moyet-Ortiz ..... B60J 11/00  
 135/148  
 4,998,552 A \* 3/1991 Niksic ..... E04B 1/3441  
 135/136  
 D323,370 S \* 1/1992 Bryant ..... D21/834  
 5,224,507 A \* 7/1993 Vosse ..... E04H 15/58  
 135/115  
 5,275,188 A \* 1/1994 Tsai ..... E04H 15/50  
 135/145  
 5,361,794 A \* 11/1994 Brady ..... E04H 15/48  
 135/147  
 5,421,356 A \* 6/1995 Lynch ..... E04H 15/50  
 135/145  
 5,794,640 A \* 8/1998 Jang ..... E04H 15/50  
 135/131  
 5,813,425 A \* 9/1998 Carter ..... E04H 15/50  
 135/145  
 5,944,040 A \* 8/1999 Jang ..... E04H 15/50  
 135/126  
 6,145,527 A \* 11/2000 Gillis ..... E04H 15/425  
 135/124  
 6,182,917 B1 \* 2/2001 Lai ..... A45B 25/14  
 135/20.3

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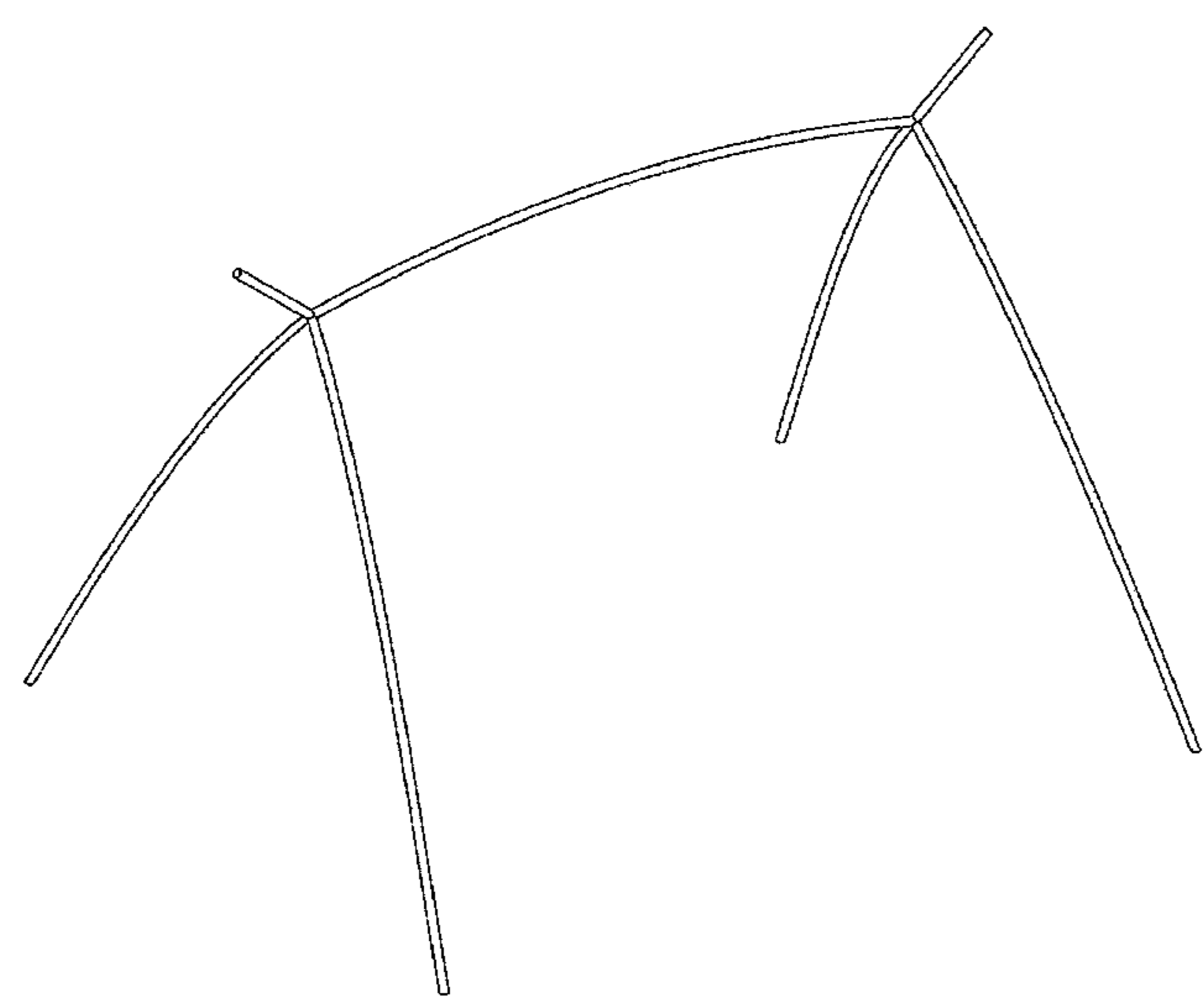
(57) **CLAIM**

The ornamental design for a tent frame, as shown and described.

**DESCRIPTION**

1. Tent frame  
 FIG. 1.1 is a perspective view of new design for a tent frame as shown in the drawings;  
 FIG. 1.2 is a left side view thereof;  
 FIG. 1.3 is a right side view thereof;  
 FIG. 1.4 is a top plan view thereof;  
 FIG. 1.5 is a bottom plan view;  
 FIG. 1.6 is a front elevation view thereof; and,  
 FIG. 1.7 is a rear elevation view thereof.

**1 Claim, 7 Drawing Sheets**



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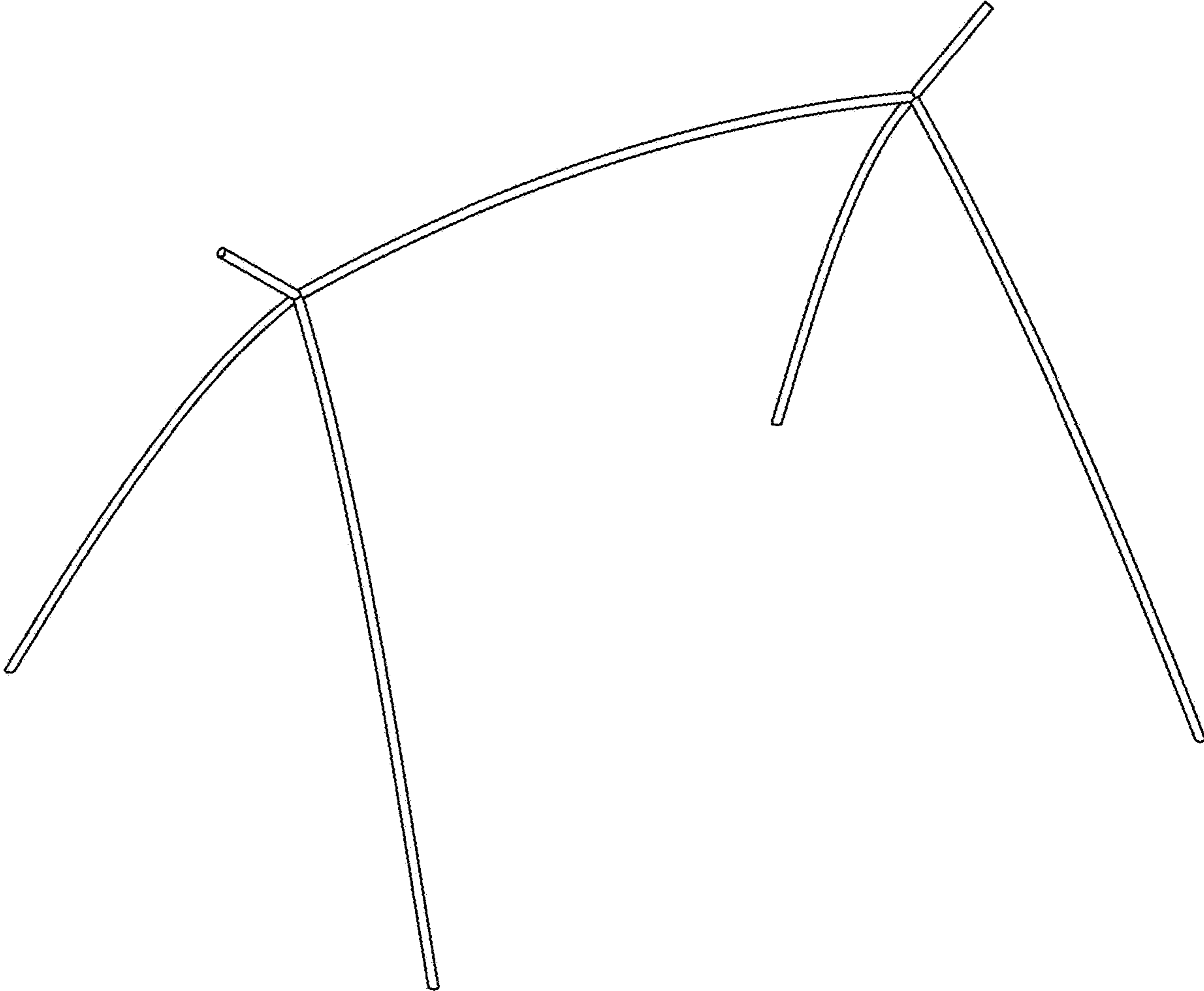
References Cited

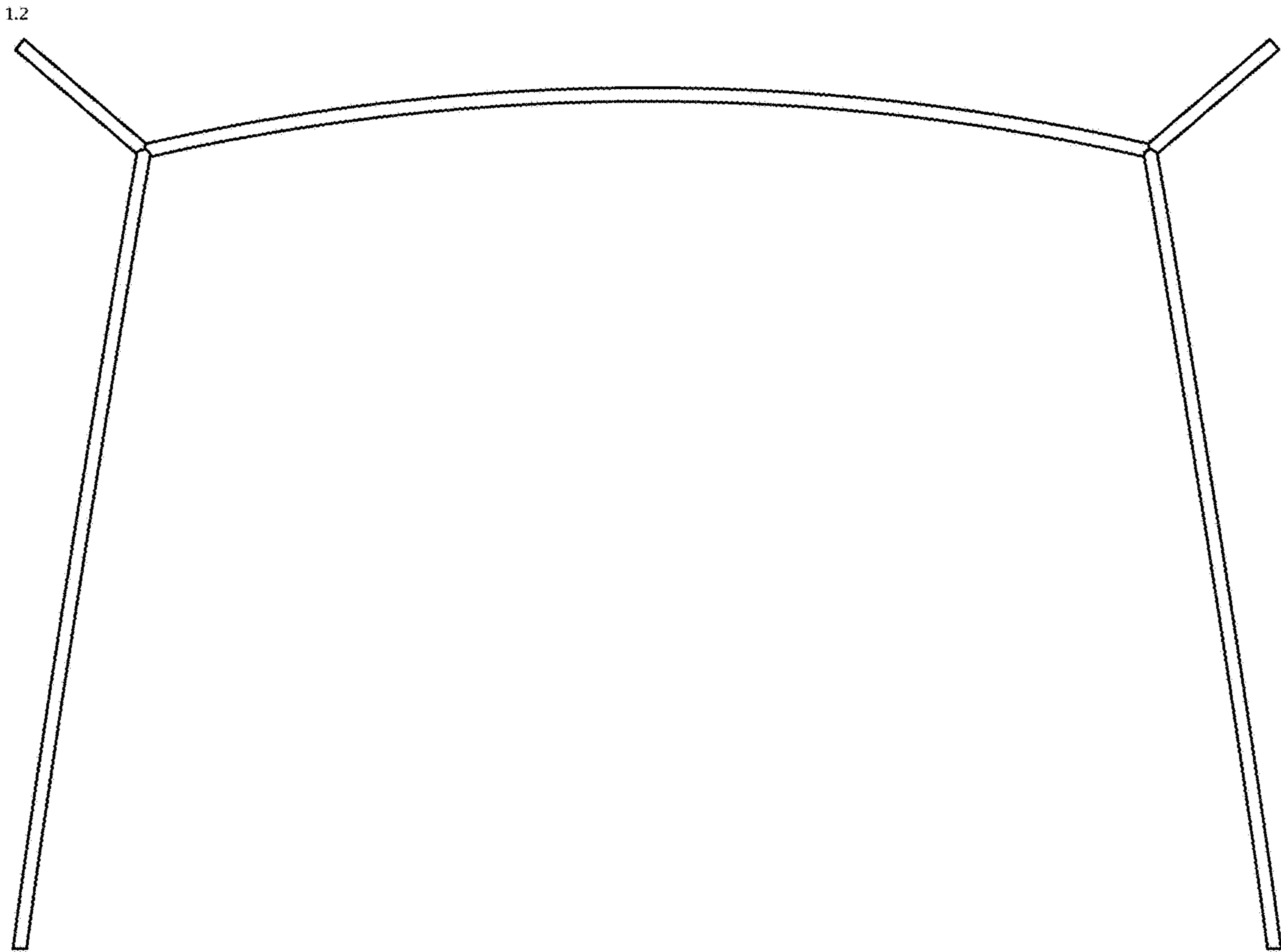
U.S. PATENT DOCUMENTS

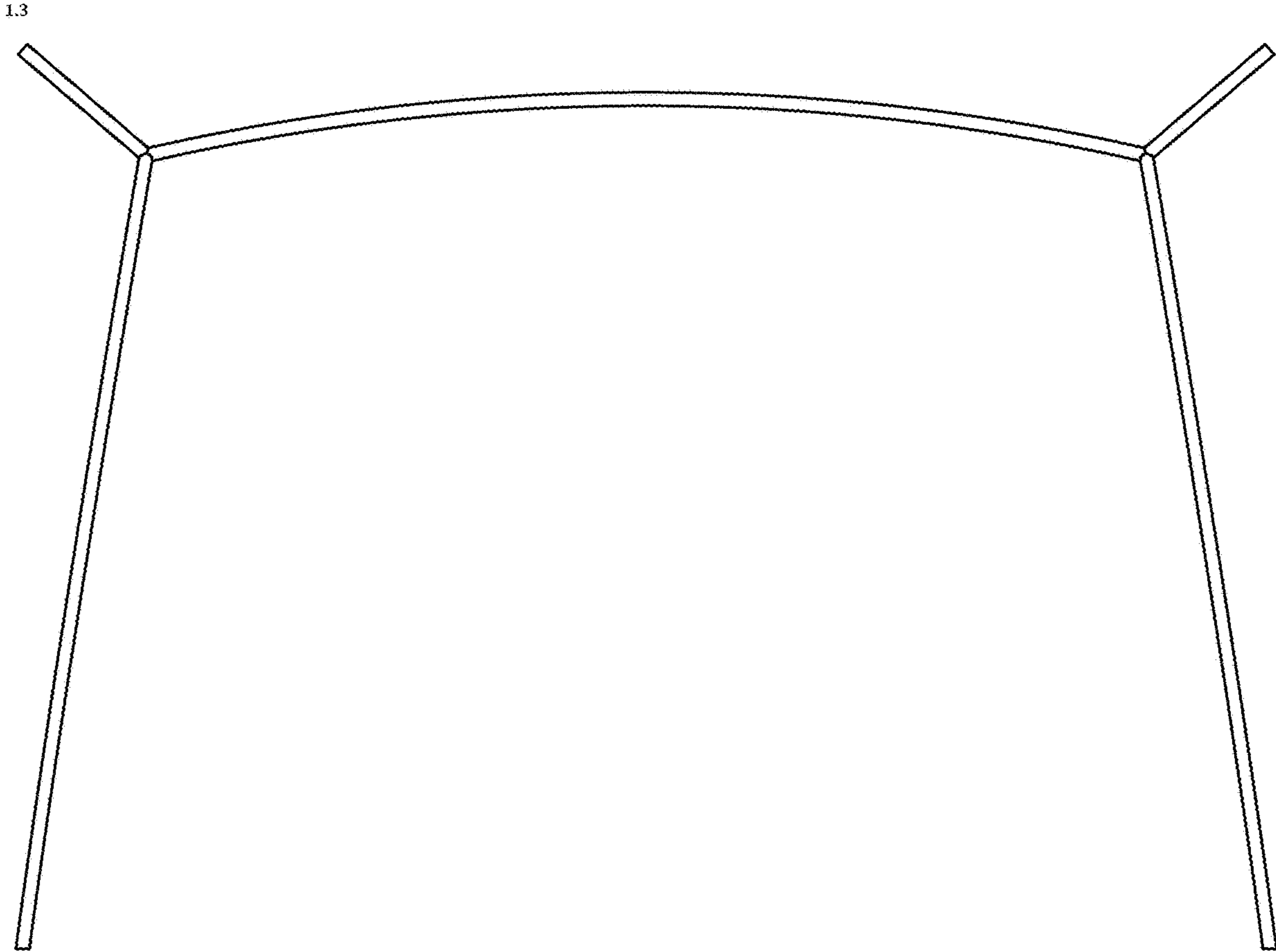
6,206,020 B1 *	3/2001	Lynch	E04H 15/50 135/128	2004/0144412 A1 *	7/2004	Tsai	E04H 15/50 135/131
6,415,806 B1 *	7/2002	Gillis	E04H 15/425 135/124	2005/0241688 A1 *	11/2005	Wu	E04H 15/48 135/145
6,463,948 B2 *	10/2002	Lee	E04H 15/425 135/136	2006/0169312 A1 *	8/2006	Choi	E04H 15/50 135/143
6,598,614 B2 *	7/2003	Liu	E04H 15/50 135/131	2007/0012347 A1 *	1/2007	Ochi	E04H 15/50 135/145
6,708,707 B2 *	3/2004	Dotterweich	E04H 15/50 135/131	2007/0051397 A1 *	3/2007	Choi	E04H 15/50 135/131
6,718,995 B2 *	4/2004	Dotterweich	E04H 15/50 135/117	2007/0144572 A1 *	6/2007	Patel	E04H 15/50 135/131
6,929,017 B2 *	8/2005	Byun	E04H 15/50 135/131	2007/0221626 A1 *	9/2007	Uchii	H01H 33/56 218/57
7,004,183 B2 *	2/2006	Gillis	E04H 15/40 135/119	2009/0032079 A1 *	2/2009	Choi	E04H 15/50 135/144
7,055,538 B2 *	6/2006	Deng	E04H 15/50 135/117	2010/0043856 A1 *	2/2010	Park	E04H 15/50 135/145
7,240,686 B2 *	7/2007	Seo	E04H 15/50 135/131	2011/0073148 A1 *	3/2011	Choi	E04H 15/50 135/145
7,296,584 B2 *	11/2007	Goldwitz	E04H 15/44 135/121	2012/0291830 A1 *	11/2012	Crimi	E04H 15/58 135/117
7,316,239 B2 *	1/2008	Yang	E04H 15/003 135/117	2013/0014794 A1 *	1/2013	Jin	E04H 15/46 135/139
7,360,549 B2 *	4/2008	Seo	E04H 15/44 135/145	2013/0247948 A1 *	9/2013	Lovley	E04H 15/50 135/145
7,395,830 B2 *	7/2008	Seo	E04H 15/46 135/120.3	2013/0284225 A1 *	10/2013	Holland	E04H 15/46 135/139
7,422,026 B2 *	9/2008	Kim	E04H 15/50 135/120.2	2014/0174491 A1 *	6/2014	Yang	E04H 15/48 135/144
8,220,477 B2 *	7/2012	Park	E04H 15/50 135/131	2014/0261601 A1 *	9/2014	Jin	E04H 15/48 135/136
8,616,226 B2 *	12/2013	Ma	E04H 15/50 135/145	2014/0261602 A1 *	9/2014	Ampoyo	E04H 15/50 135/139
D705,884 S *	5/2014	Jin	D21/834	2014/0290710 A1 *	10/2014	Choi	E04H 15/38 135/126
8,776,816 B2 *	7/2014	Danziger	E04H 15/48 135/139	2015/0083177 A1 *	3/2015	Hotes	E04H 15/32 135/151
8,910,648 B2 *	12/2014	Jin	E04H 15/48 135/114	2015/0247339 A1 *	9/2015	Lee	E04H 15/50 135/145
D726,859 S *	4/2015	Lah	D21/839	2015/0308147 A1 *	10/2015	Lee	E04H 1/1205 135/145
9,243,422 B2 *	1/2016	Hunt	E04H 15/18	2015/0376913 A1 *	12/2015	Choi	E04H 15/50 135/147
9,528,292 B1 *	12/2016	Lovley, II	E04H 15/48	2016/0108639 A1 *	4/2016	Huang	E04H 15/322 135/144
9,869,110 B2 *	1/2018	Krenzel	E04H 15/18	2016/0348392 A1 *	12/2016	Jin	E04H 15/50
D829,291 S *	9/2018	Lah	D21/834	2018/0080242 A1 *	3/2018	Choi	E04H 15/46
D854,107 S *	7/2019	Choi	D21/839	2018/0080243 A1 *	3/2018	Choi	E04H 15/50
D859,564 S *	9/2019	Choi	D21/839	2018/0106066 A1 *	4/2018	Choi	E04H 15/50
2001/0050098 A1 *	12/2001	Lee	E04H 15/425 135/156	2018/0106067 A1 *	4/2018	Choi	E04H 15/48
2002/0074032 A1 *	6/2002	Park	E04H 15/50 135/131	2018/0106068 A1 *	4/2018	Choi	E04H 15/60
				2018/0142493 A1 *	5/2018	Choi	E04H 15/50

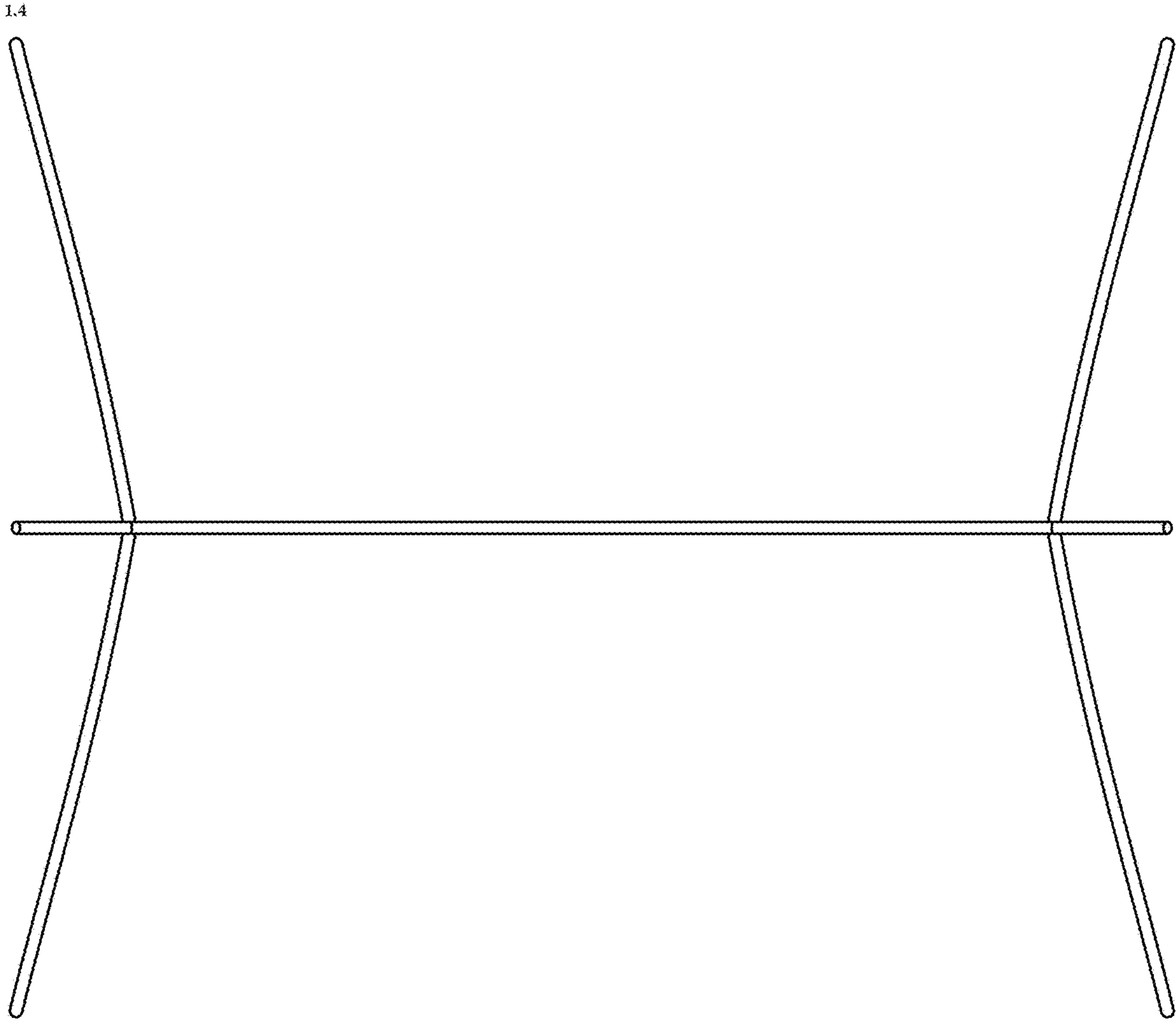
\* cited by examiner

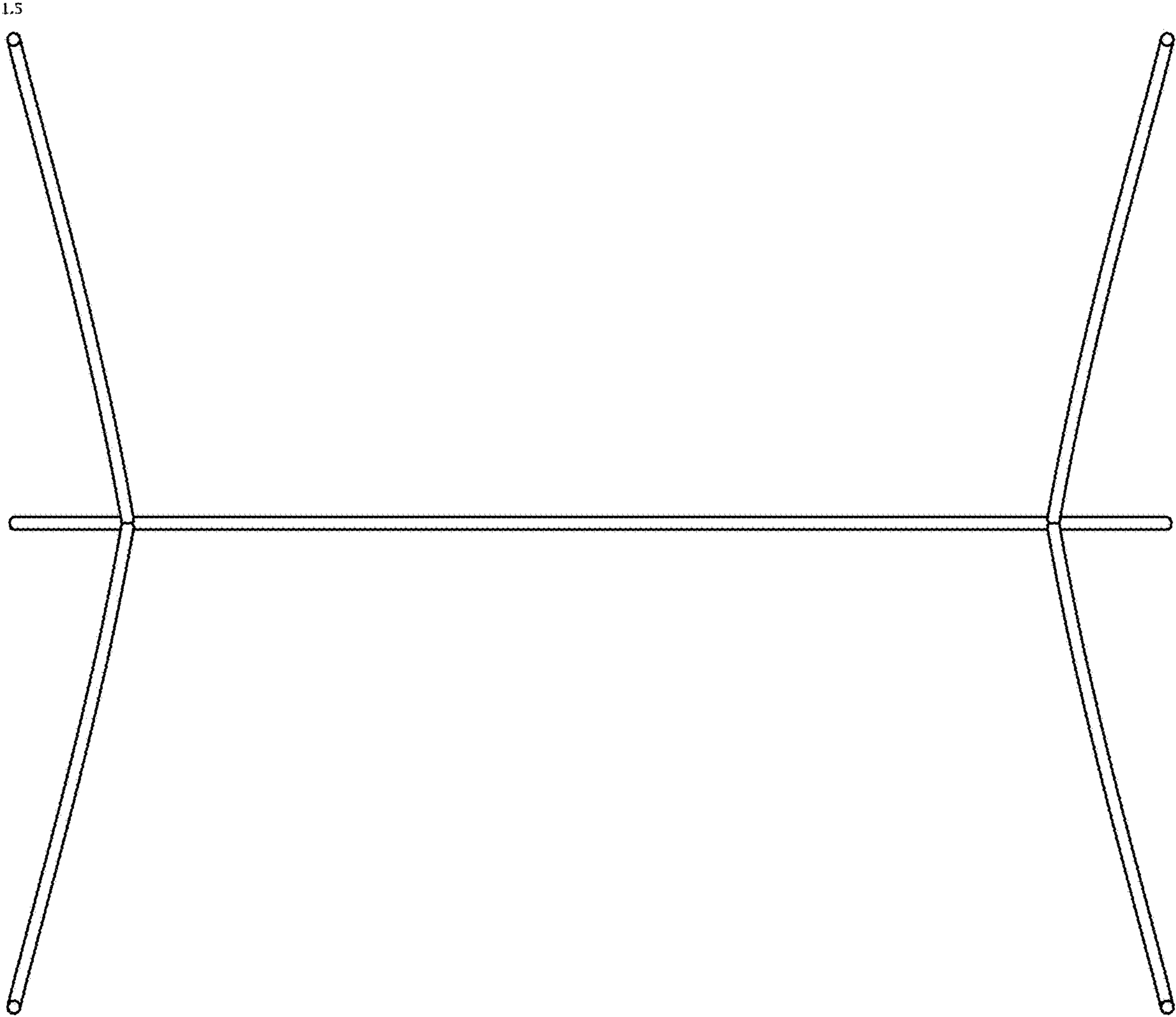
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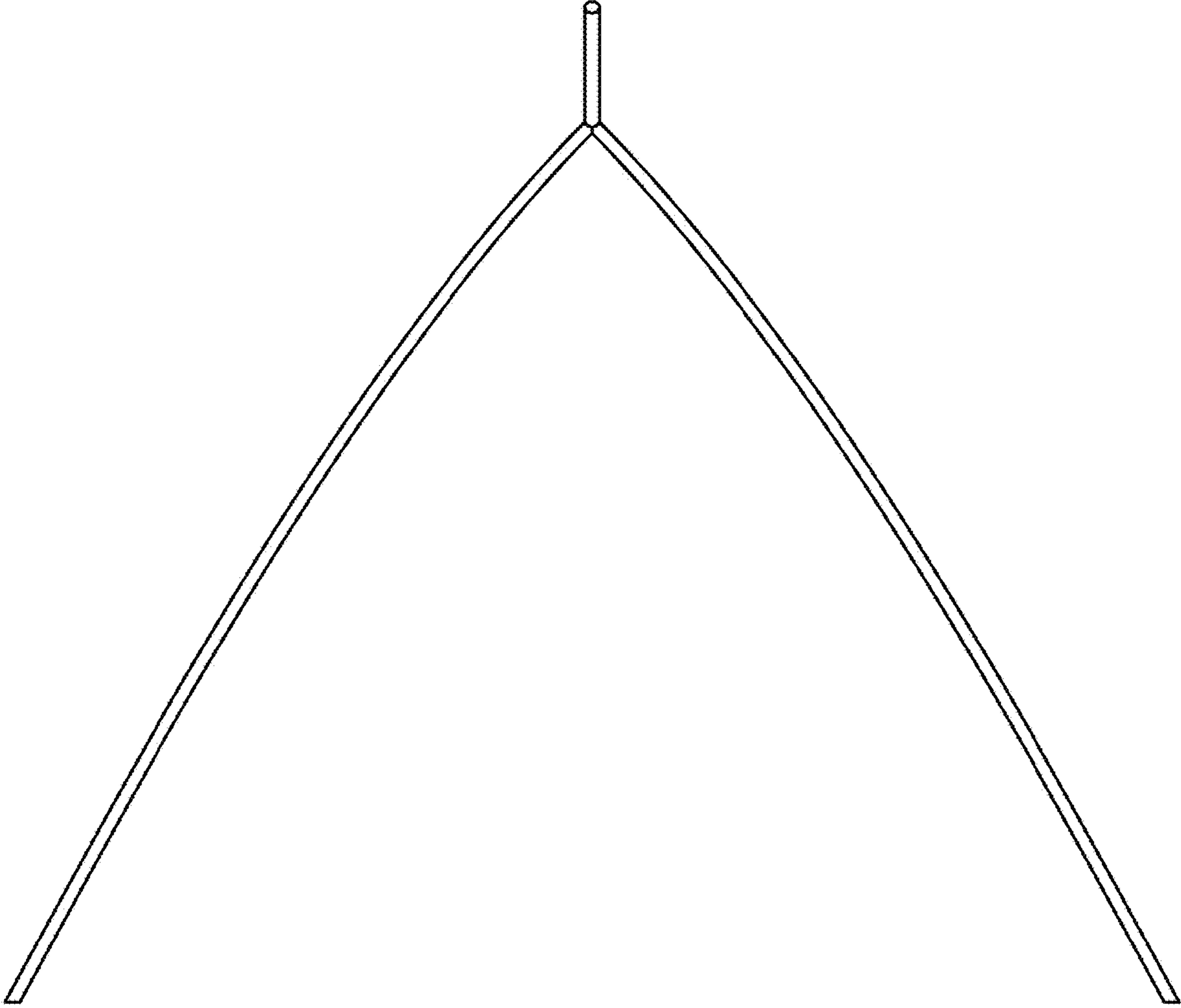








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