



US00D677940S

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

(10) **Patent No.:** **US D677,940 S**
(45) **Date of Patent:** **** Mar. 19, 2013**

- (54) **ARCH SHAPED STORAGE FRAME**
- (76) Inventor: **Wen-Tsan Wang**, Taipei (TW)
- (**) Term: **14 Years**
- (21) Appl. No.: **29/430,786**
- (22) Filed: **Aug. 29, 2012**
- (51) **LOC (9) Cl.** **06-06**
- (52) **U.S. Cl.** **D6/462**
- (58) **Field of Classification Search** D6/396-397,
D6/449-450, 454-470; 211/1, 13.1, 85.6,
211/123, 181.1, 182-183; D12/115; D17/22,
D17/99; D20/39-41; 84/421, 422.1, 746;
248/220.41; 473/417
See application file for complete search history.

4,964,650	A *	10/1990	Dickinson	.....	280/641
4,976,406	A *	12/1990	Buckley et al.	.....	280/641
6,334,593	B2 *	1/2002	Inoue	.....	248/95
6,419,193	B1 *	7/2002	Rodriquez	.....	248/98
7,032,868	B2 *	4/2006	Mutert	.....	248/99
D546,521	S *	7/2007	Mutert	.....	D34/5
D550,980	S *	9/2007	Dixon	.....	D6/396
D586,064	S *	2/2009	Fraitis	.....	D34/5
D588,851	S *	3/2009	Morales	.....	D6/552
D595,189	S *	6/2009	Palmer	.....	D12/115
D617,576	S *	6/2010	Lin	.....	D6/411
7,731,134	B1 *	6/2010	Mutert	.....	248/99
D653,053	S *	1/2012	Goodman et al.	.....	D6/462
D660,051	S *	5/2012	Lin	.....	D6/462

* cited by examiner

Primary Examiner — Kelley Donnelly
(74) *Attorney, Agent, or Firm* — Leong C. Lei

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,286,752	A *	11/1966	Duryee, Jr.	.....	220/9.3
3,502,291	A *	3/1970	Ackerman et al.	.....	248/97
3,633,932	A *	1/1972	Holden	.....	280/641
3,659,816	A *	5/1972	Wilson	.....	248/97
3,893,648	A *	7/1975	Gilbert	.....	248/97
D251,647	S *	4/1979	Valien	.....	D6/311
D257,119	S *	9/1980	Bogner	.....	D32/37
4,258,891	A *	3/1981	Mitchell et al.	.....	248/98
4,318,520	A *	3/1982	Walker	.....	248/97
D264,852	S *	6/1982	Schoenig	.....	D17/9
4,495,862	A *	1/1985	Davis	.....	100/34
4,549,748	A *	10/1985	Haley, Sr.	.....	280/641
4,613,104	A *	9/1986	Garrott	.....	248/97
D286,099	S *	10/1986	Risch	.....	D34/6
4,692,050	A *	9/1987	Kaufman	.....	403/3
4,705,247	A *	11/1987	Delmerico	.....	248/98
4,723,741	A *	2/1988	Doering	.....	248/97
D295,098	S *	4/1988	Delmerico	.....	D34/17
4,953,815	A *	9/1990	Beymer et al.	.....	248/97

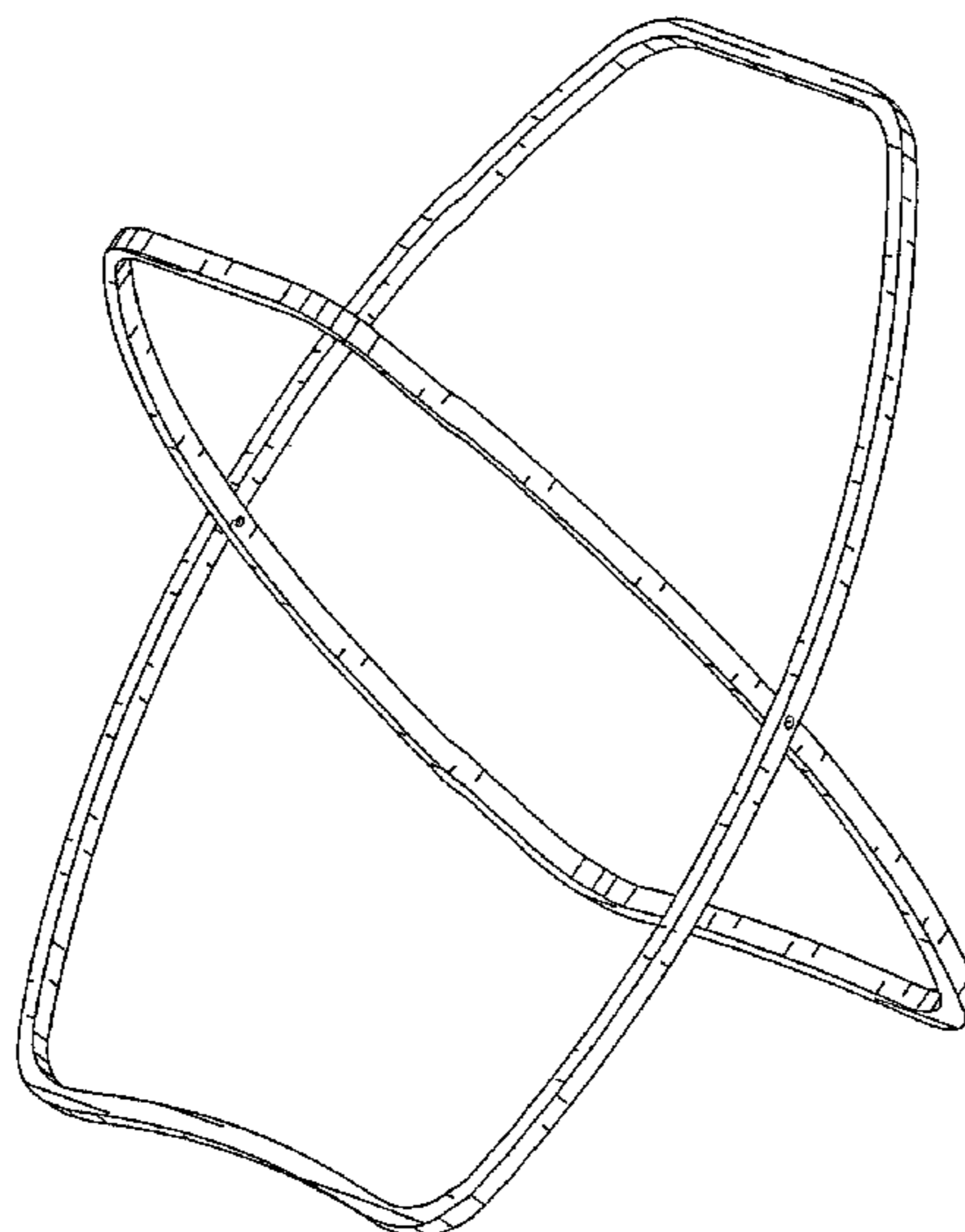
(57) **CLAIM**

The ornamental design for an arch shaped storage frame, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of an arch shaped storage frame showing my new design;
 FIG. 2 is a front elevational view thereof;
 FIG. 3 is a rear elevational view thereof;
 FIG. 4 is a left elevational view thereof;
 FIG. 5 is a right elevational view thereof;
 FIG. 6 is a top plan view thereof;
 FIG. 7 is a bottom plan view thereof; and,
 FIG. 8 is another perspective view thereof, showing the status while in use.
 The dotted lines illustrate the covering of the arch shaped storage frame that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



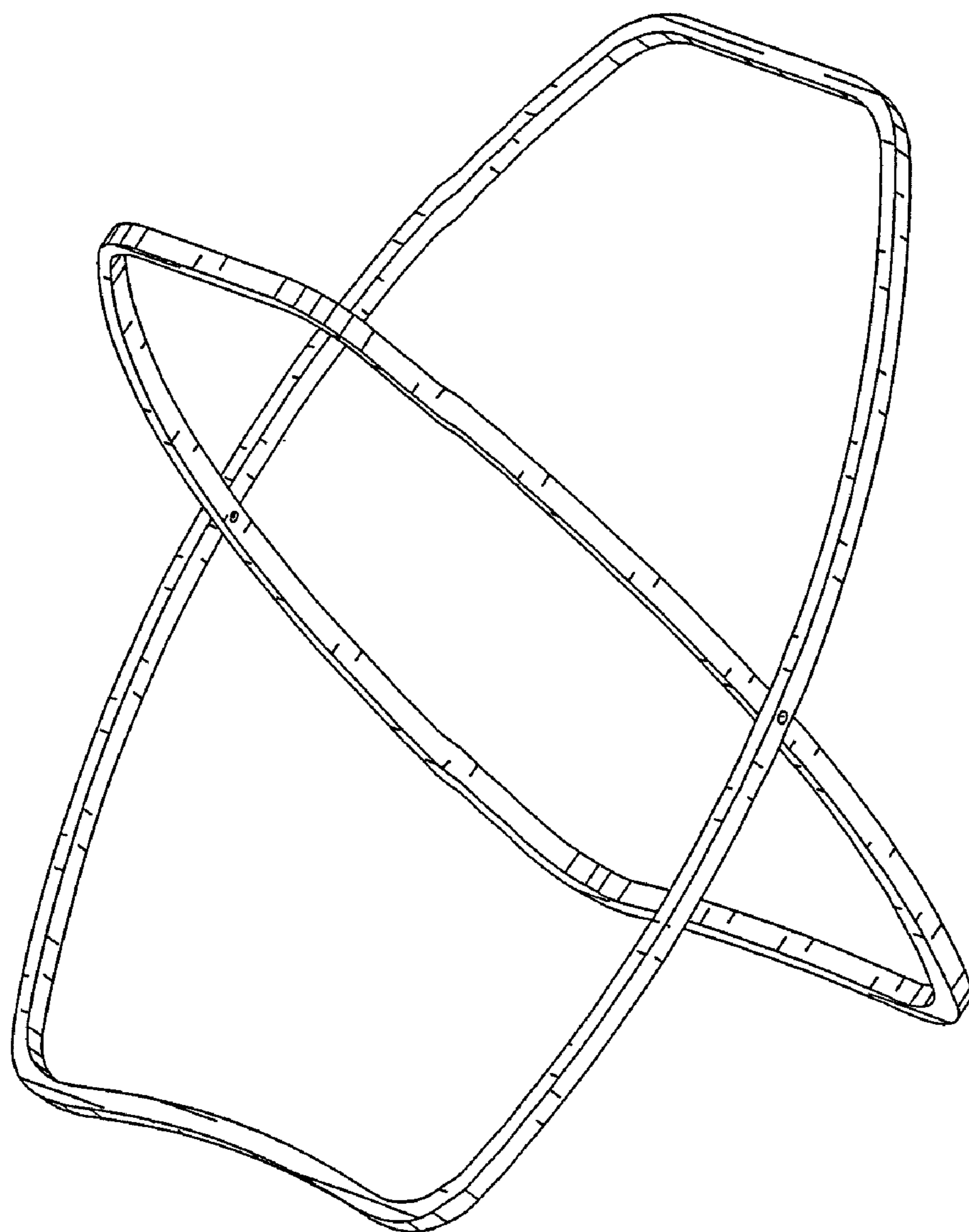


FIG. 1

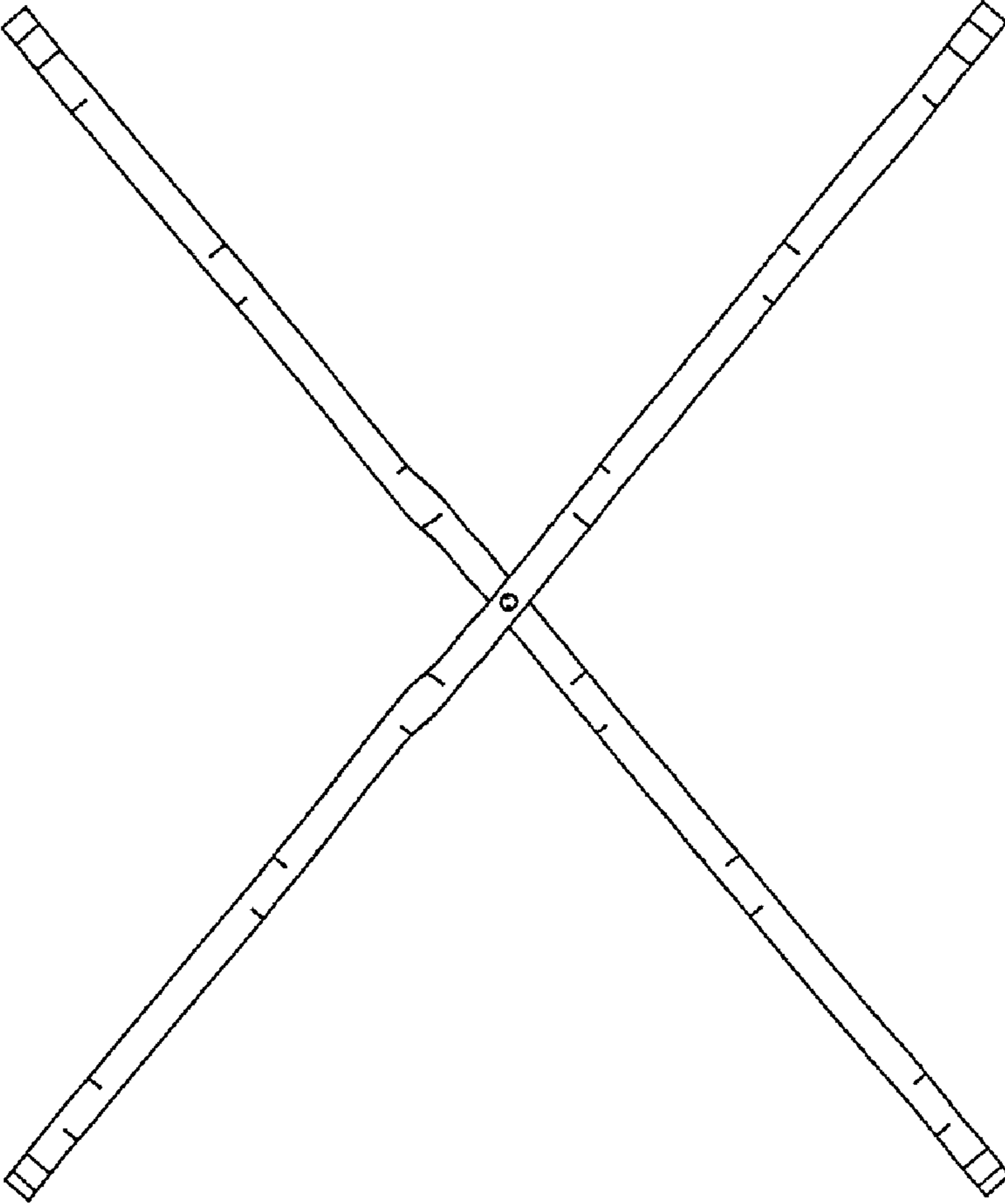


FIG. 2

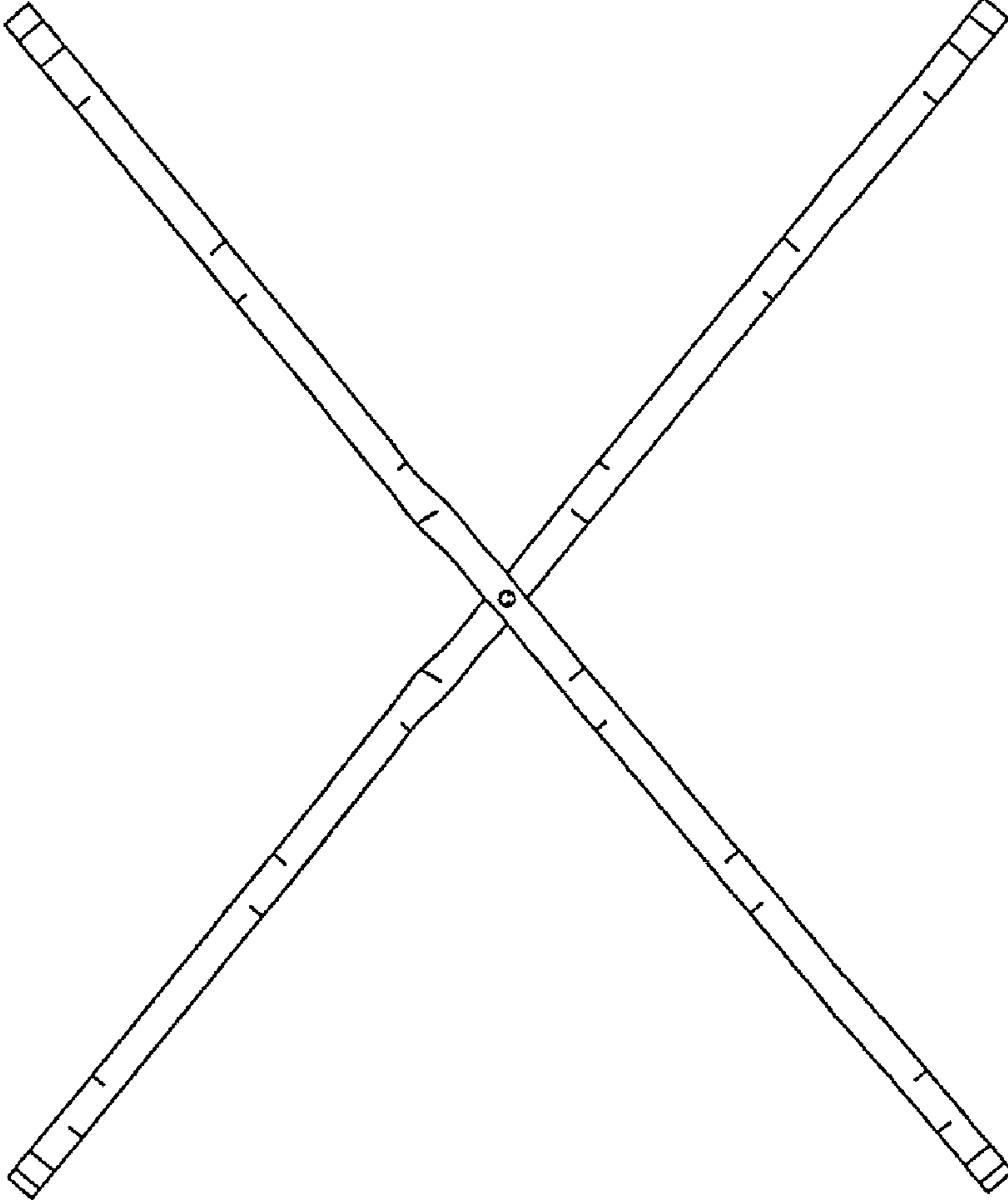


FIG. 3

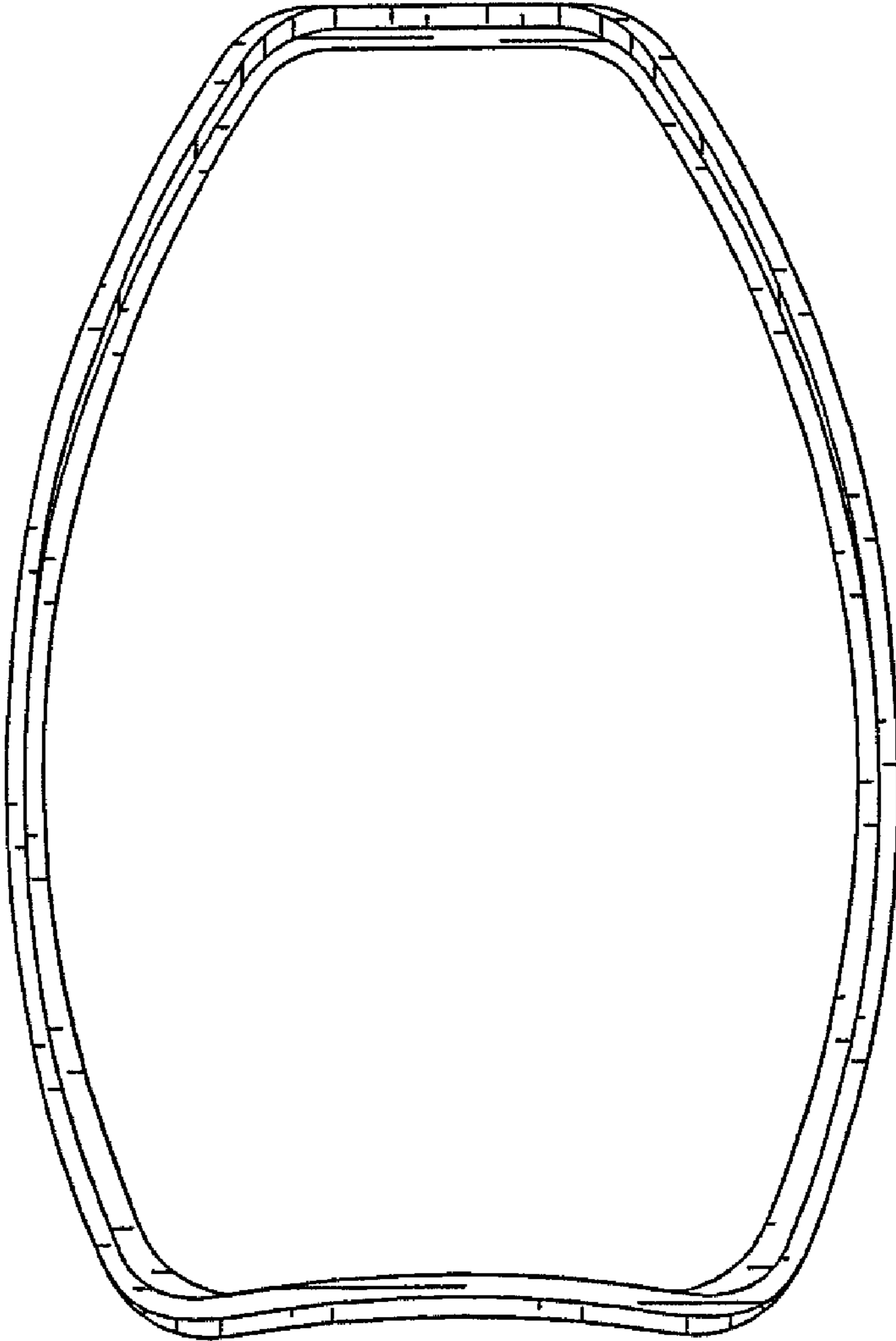


FIG. 4

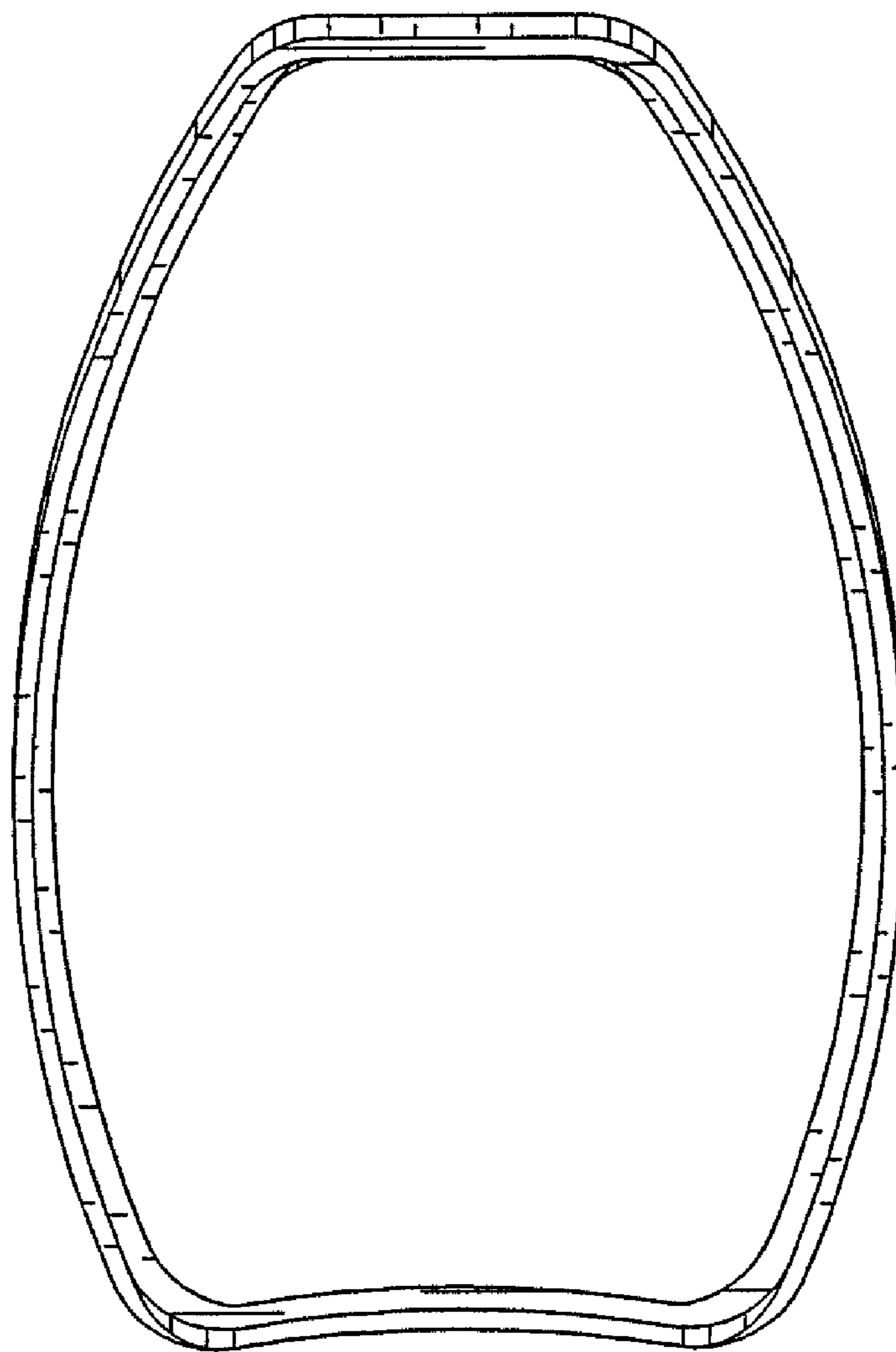


FIG. 5

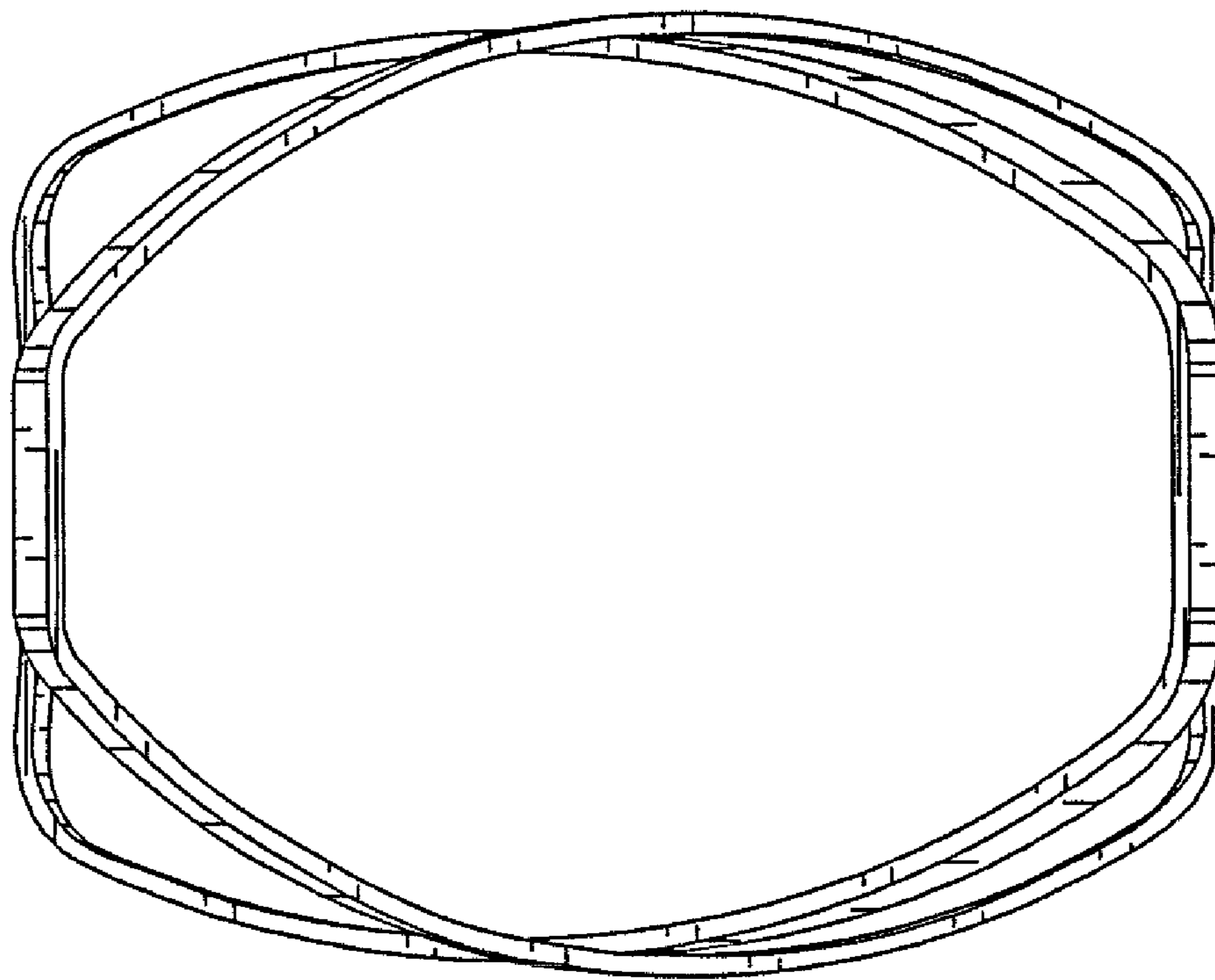


FIG. 6

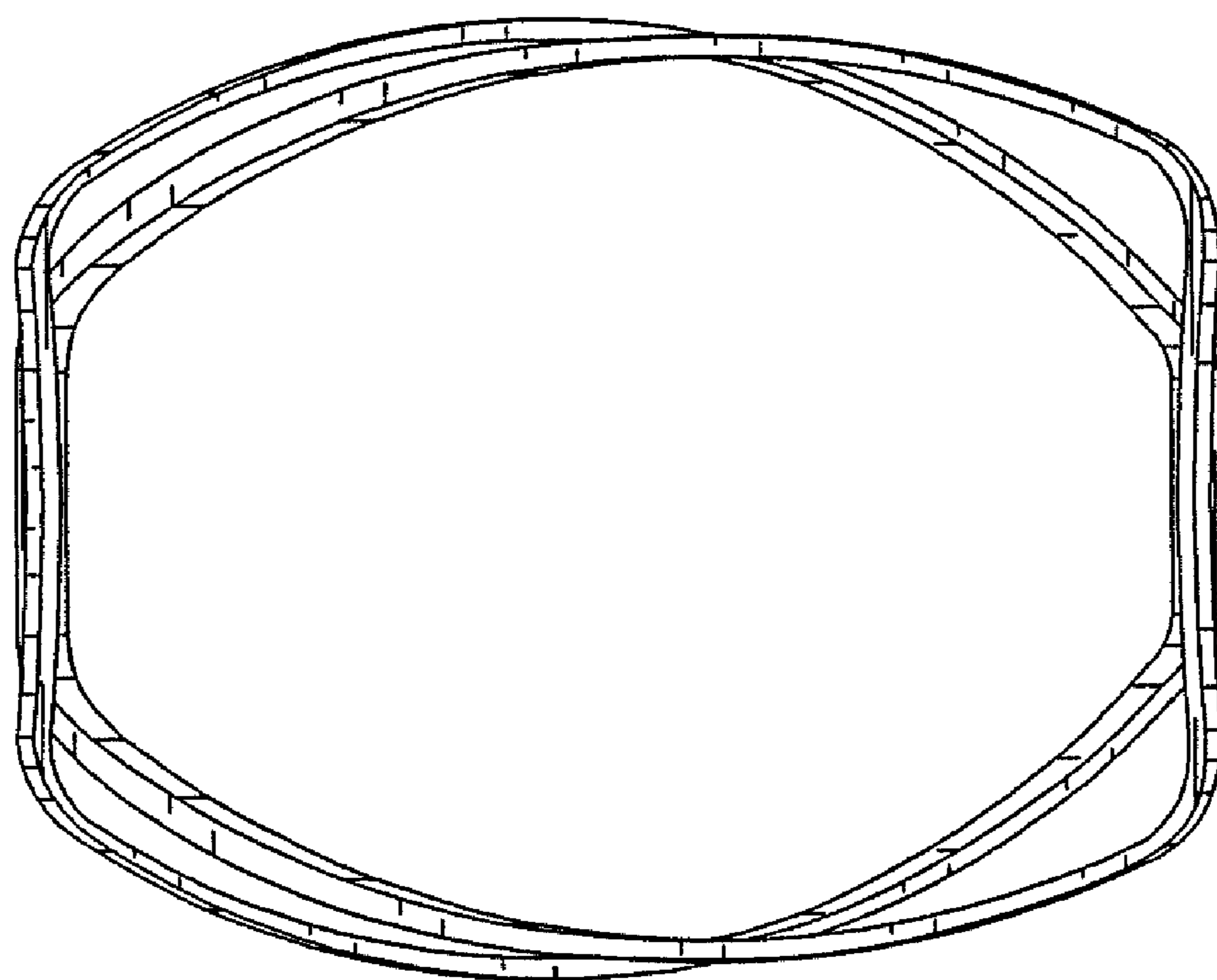


FIG. 7

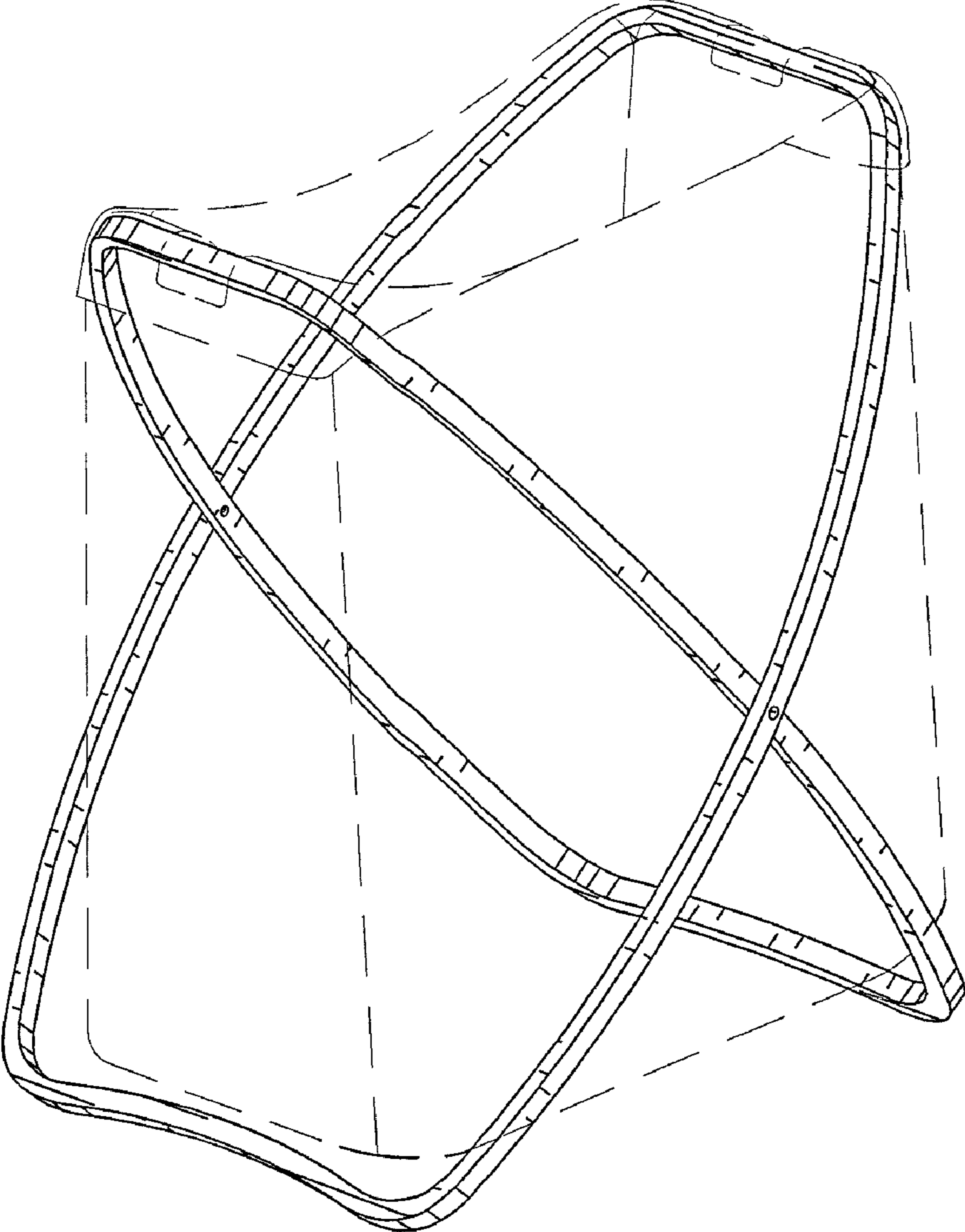


FIG. 8