



US00D674492S

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

(10) **Patent No.:** **US D674,492 S**
(45) **Date of Patent:** **** Jan. 15, 2013**

(54) **NON-ELECTRONIC HEARING AID**

DESCRIPTION

(76) Inventor: **Barry Vogel, Ukiah, CA (US)**

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

(21) Appl. No.: **29/371,987**

(22) Filed: **Mar. 30, 2012**

Related U.S. Application Data

(63) Continuation-in-part of application No. 12/932,862, filed on Mar. 7, 2011, now Pat. No. 8,220,585, which is a continuation-in-part of application No. 12/927,100, filed on Nov. 8, 2010, now abandoned.

(51) **LOC (9) Cl.** **24-99**

(52) **U.S. Cl.** **D24/175**

(58) **Field of Classification Search** D24/173-175,
D24/151; D14/205, 223; 381/371; 181/129,
181/133, 136

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,366,193	A *	1/1921	Lalieff	181/136
1,708,257	A *	4/1929	Campbell	181/136
D221,045	S *	7/1971	McCabe	D24/175
3,618,698	A	11/1971	McCabe et al.	
3,658,150	A	4/1972	Turner	
3,938,616	A	2/1976	Brownfield	
D244,467	S	5/1977	Aqyukubi	
D266,945	S	11/1982	Greenburg	
4,421,199	A	12/1983	Vrana	
D278,431	S	4/1985	Beard	
4,574,912	A	3/1986	Fuss et al.	

(Continued)

Primary Examiner — Anhdao Doan

(57) **CLAIM**

The ornamental design for a non-electronic hearing aid, as shown and described.

A portion of the disclosure of this patent document contains material to which a claim for copyright is made. The copyright owner has no objection to the facsimile reproduction by anyone of the patent document or the patent disclosure, as it appears in the Patent and Trademark Office patent file or records, but reserves all other copyrights whatsoever.

FIG. 1 is a perspective view of a non-electronic hearing aid showing my new design in use, with broken lines representing environmental features forming no part of the design sought to be patented;

FIG. 2 is a perspective view of a non-electronic hearing aid embodying my design in a transparent embodiment;

FIG. 3 is a front elevational view thereof;

FIG. 4 is a left-side elevational view thereof;

FIG. 5 is a rear elevational view thereof;

FIG. 6 is a right side elevational view thereof;

FIG. 7 is a top plan view thereof;

FIG. 8 is a bottom plan view thereof;

FIG. 9 is a top plan view of the unfolded transparent embodiment shown in FIG. 2, the bottom plan view being a mirror image thereof;

FIG. 10 is a perspective view of a second embodiment of a my non-electronic hearing aid design embodied as non-transparent;

FIG. 11 is a front elevational view of the second embodiment;

FIG. 12 is a left-side elevational view of the second embodiment;

FIG. 13 is a rear elevational view of the second embodiment;

FIG. 14 is a right side elevational view of the second embodiment;

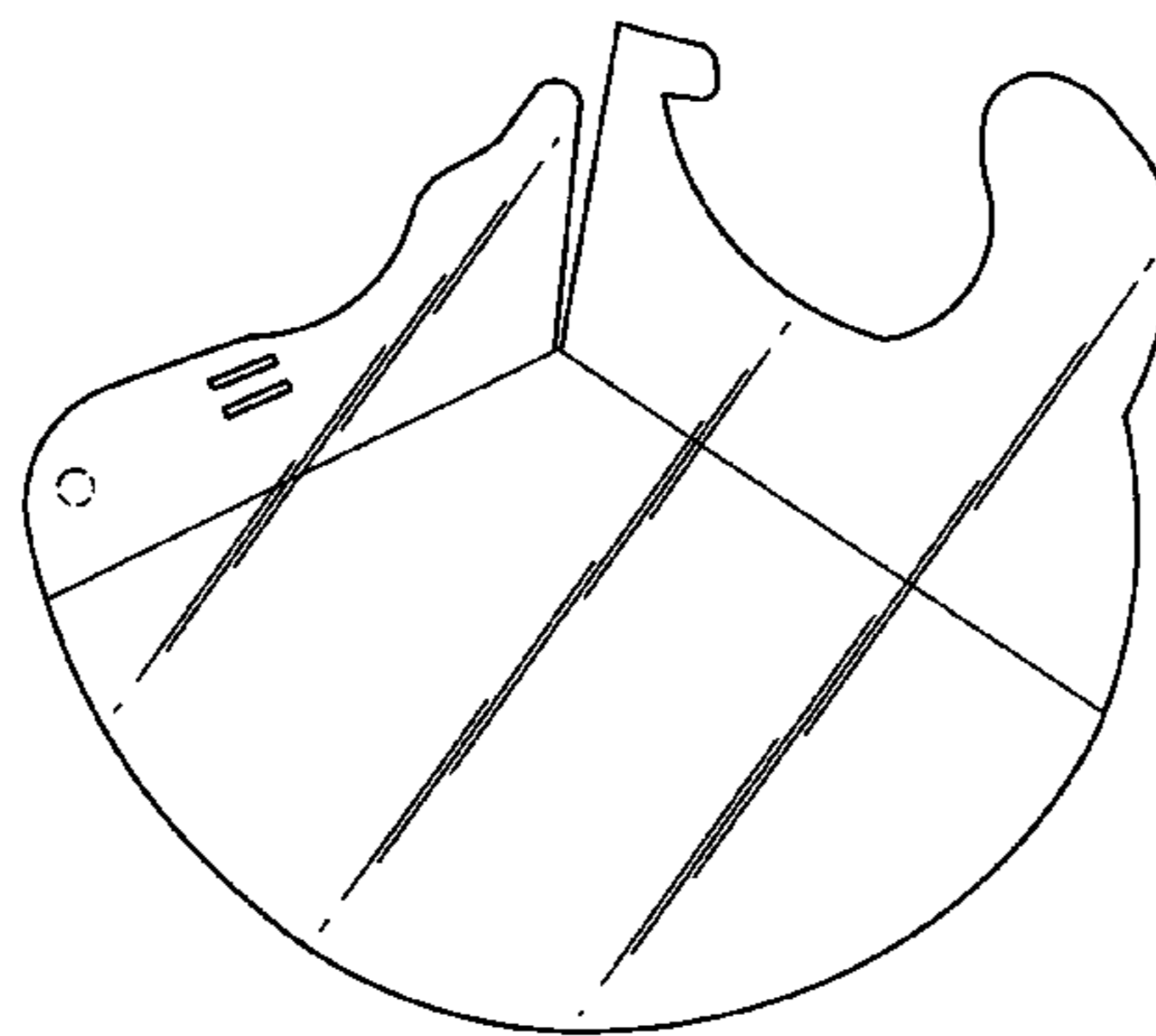
FIG. 15 is a top plan view of the second embodiment;

FIG. 16 is a bottom plan view of the second embodiment; and,

FIG. 17 is a top plan view of the unfolded second embodiment of my design shown in FIG. 10, said bottom plan view being a mirror image thereof.

The broken lines depicting a circular element in FIGS. 1, 2, 4, 6, 7, 8, 9, 10, 12, 15, 16 and 17 views are included for the purpose of illustrating a portion of the non-electronic hearing aid that forms no part of the claimed design.

1 Claim, 9 Drawing Sheets



US D674,492 S

Page 2

U.S. PATENT DOCUMENTS			
D286,873	S	11/1986	Ikeda
D292,916	S	11/1987	Ikeda
4,768,613	A	9/1988	Brown
4,771,859	A	9/1988	Breland
4,890,688	A	1/1990	Baker
D310,530	S	9/1990	McGuire
4,997,056	A	3/1991	Riley
5,020,629	A	* 6/1991	Edmundson et al. 181/136
5,060,850	A	10/1991	Weaver
D322,070	S	12/1991	Kitch
5,189,265	A	2/1993	Tilkens
D341,885	S	11/1993	Hara
5,345,512	A	9/1994	Lee
5,696,356	A	12/1997	Dudley et al.
D397,118	S	8/1998	Keating
5,965,850	A	10/1999	Fraser
6,082,486	A	7/2000	Lee
6,229,901	B1	5/2001	Mickelson et al.
6,237,714	B1	5/2001	Lee
D456,901	S	* 5/2002	Dudziak D24/174
6,571,907	B2	6/2003	Jennings
2005/0178610	A1	8/2005	Broersma
2009/0288775	A1	11/2009	Iwasaki

* cited by examiner



FIG. 1

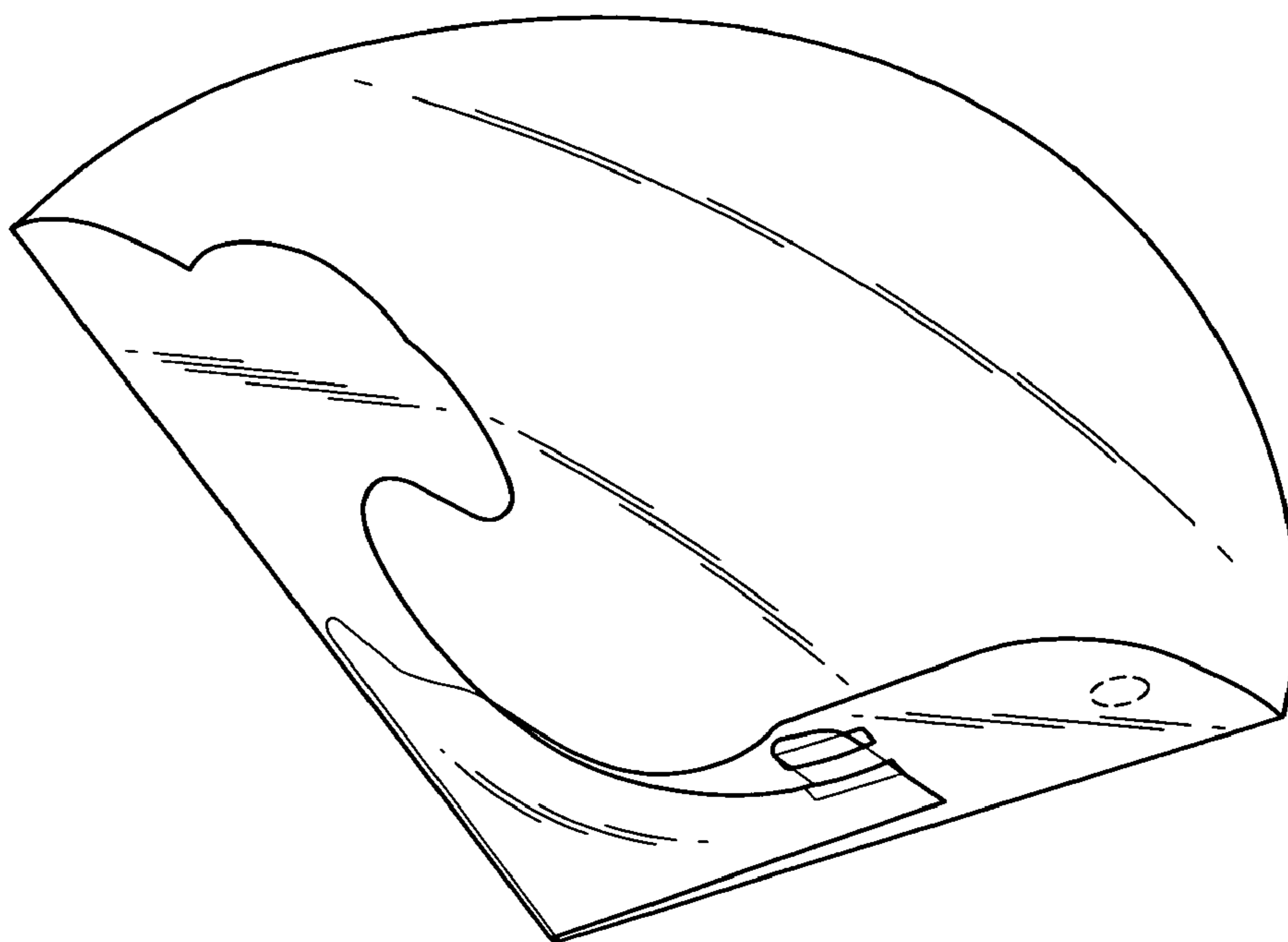


FIG. 2

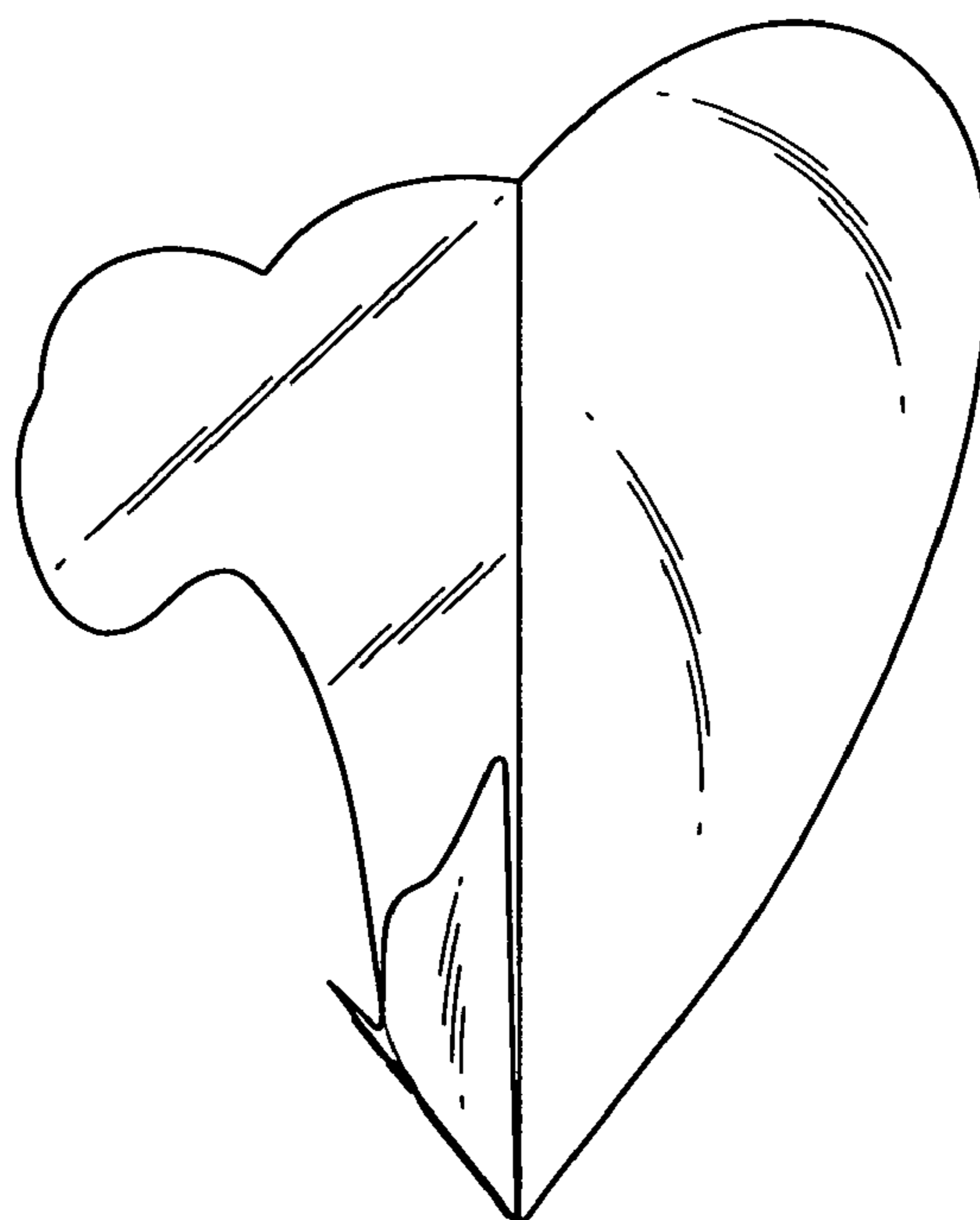


FIG. 3

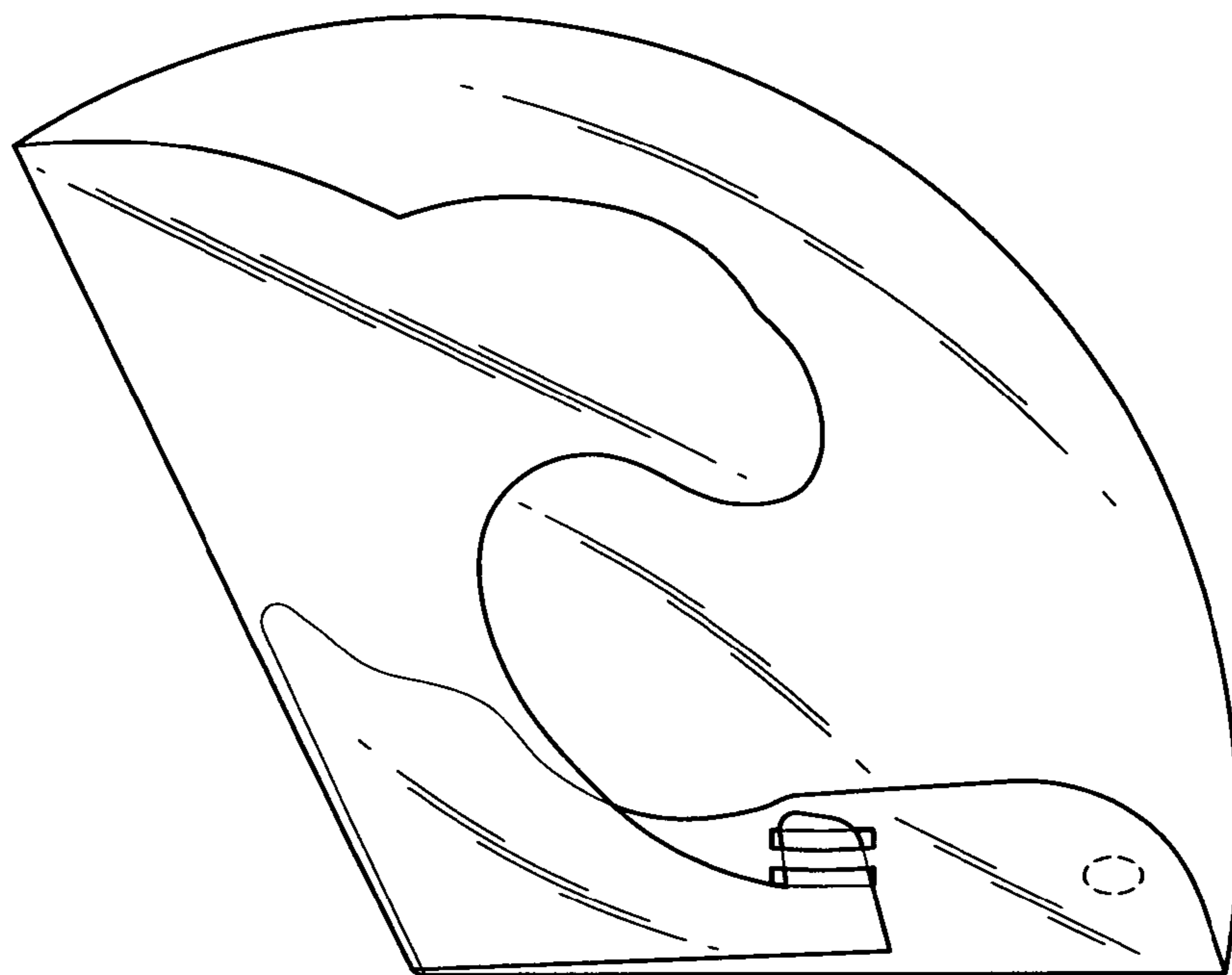


FIG. 4

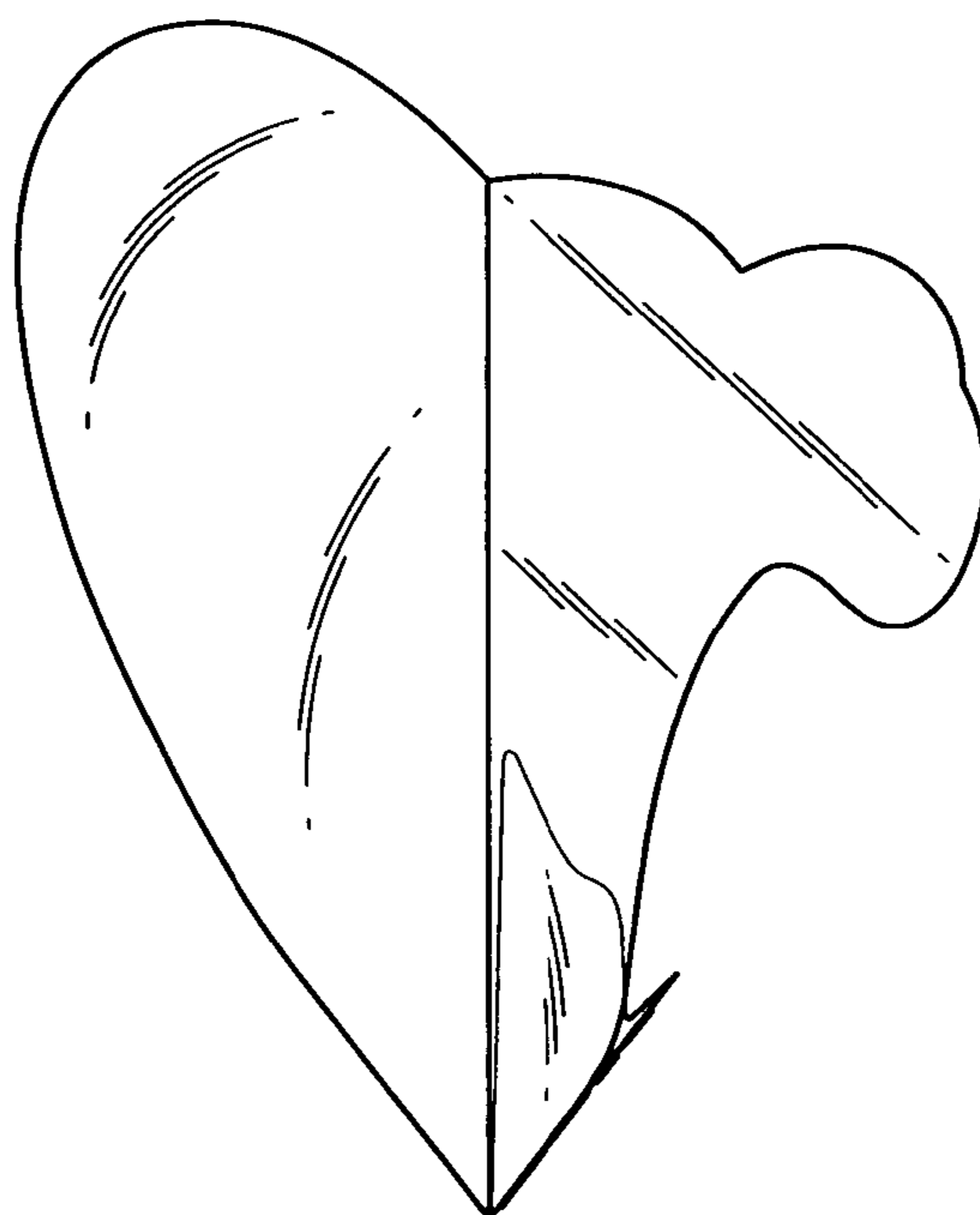


FIG. 5

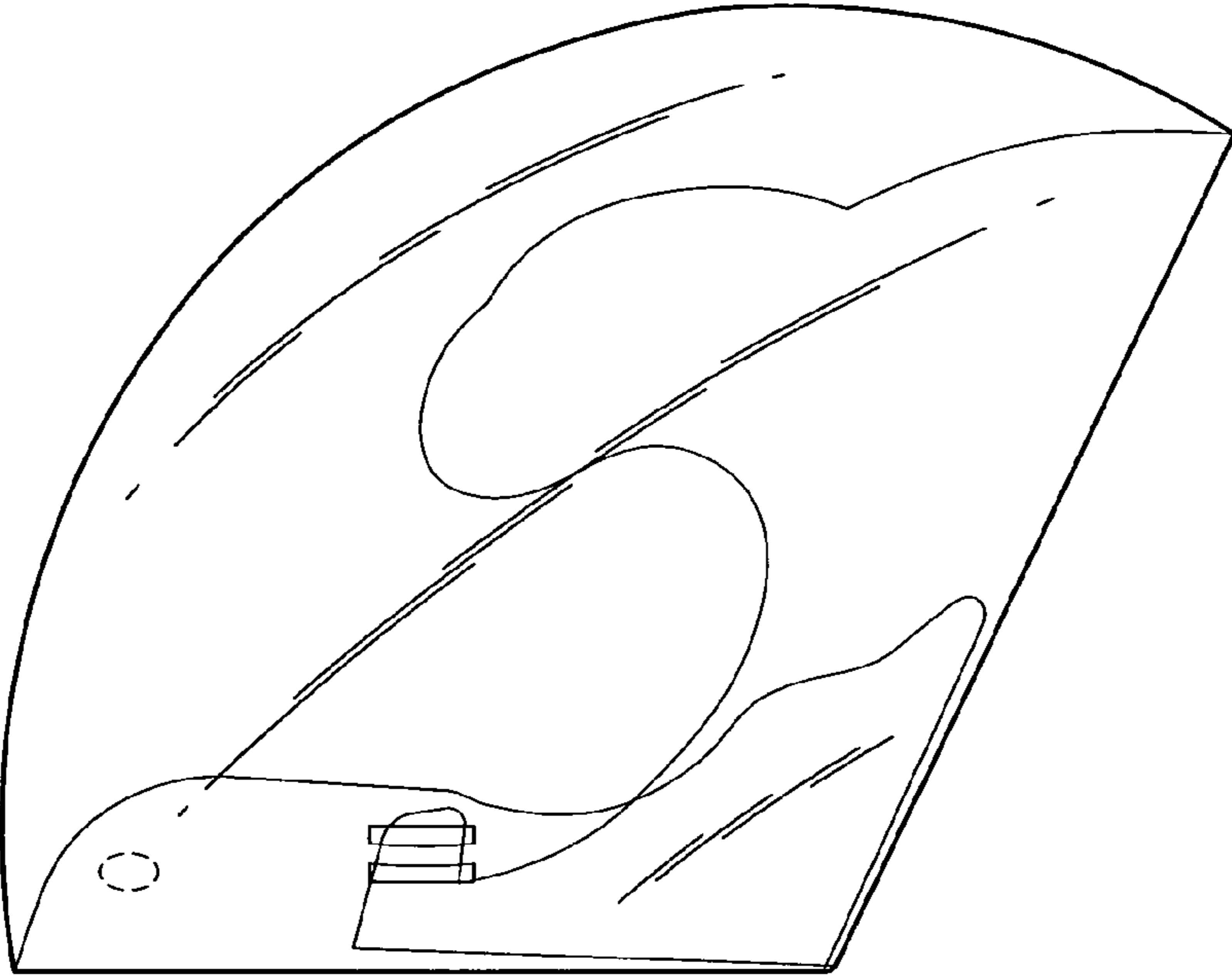


FIG. 6

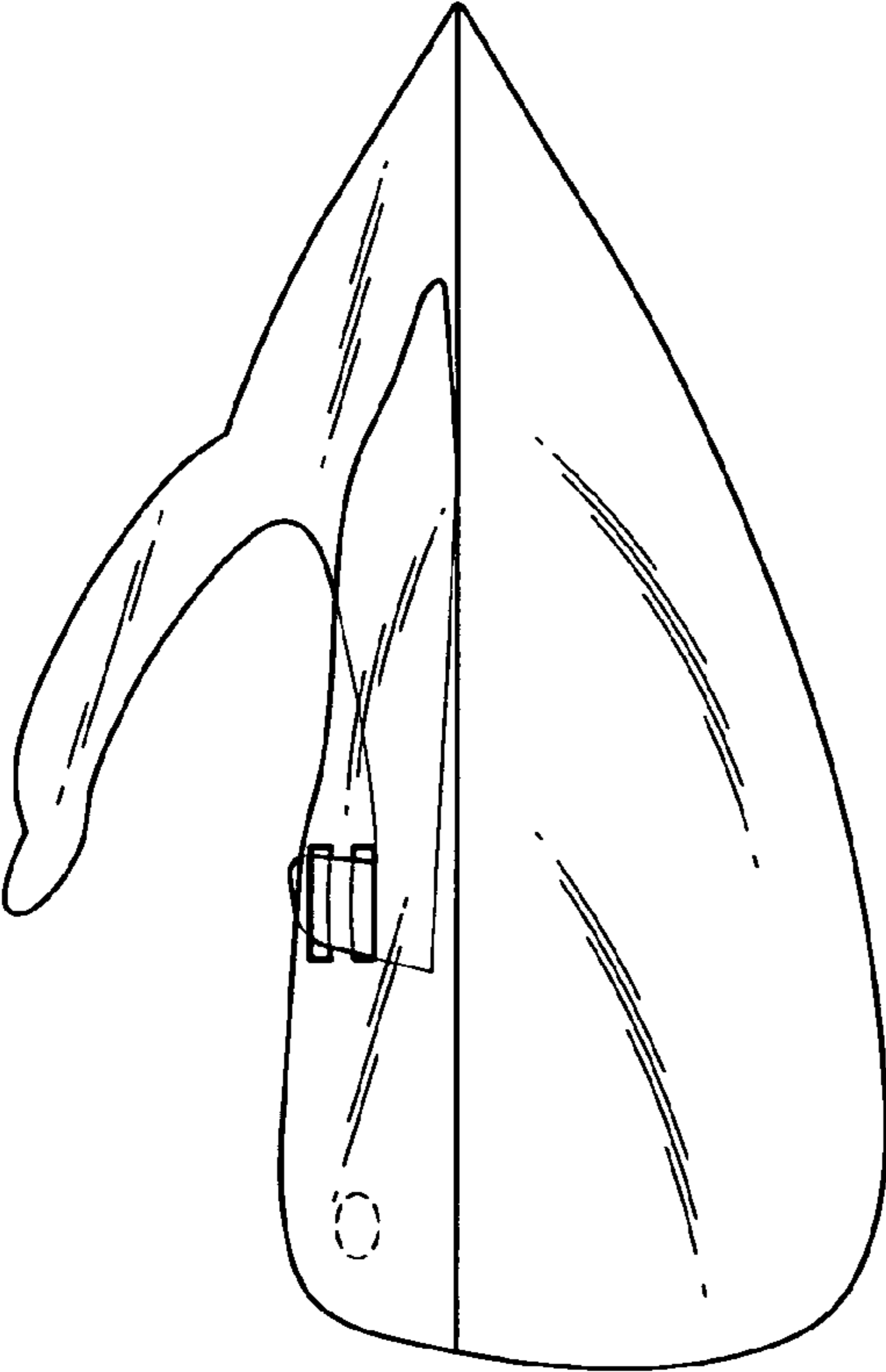


FIG. 7

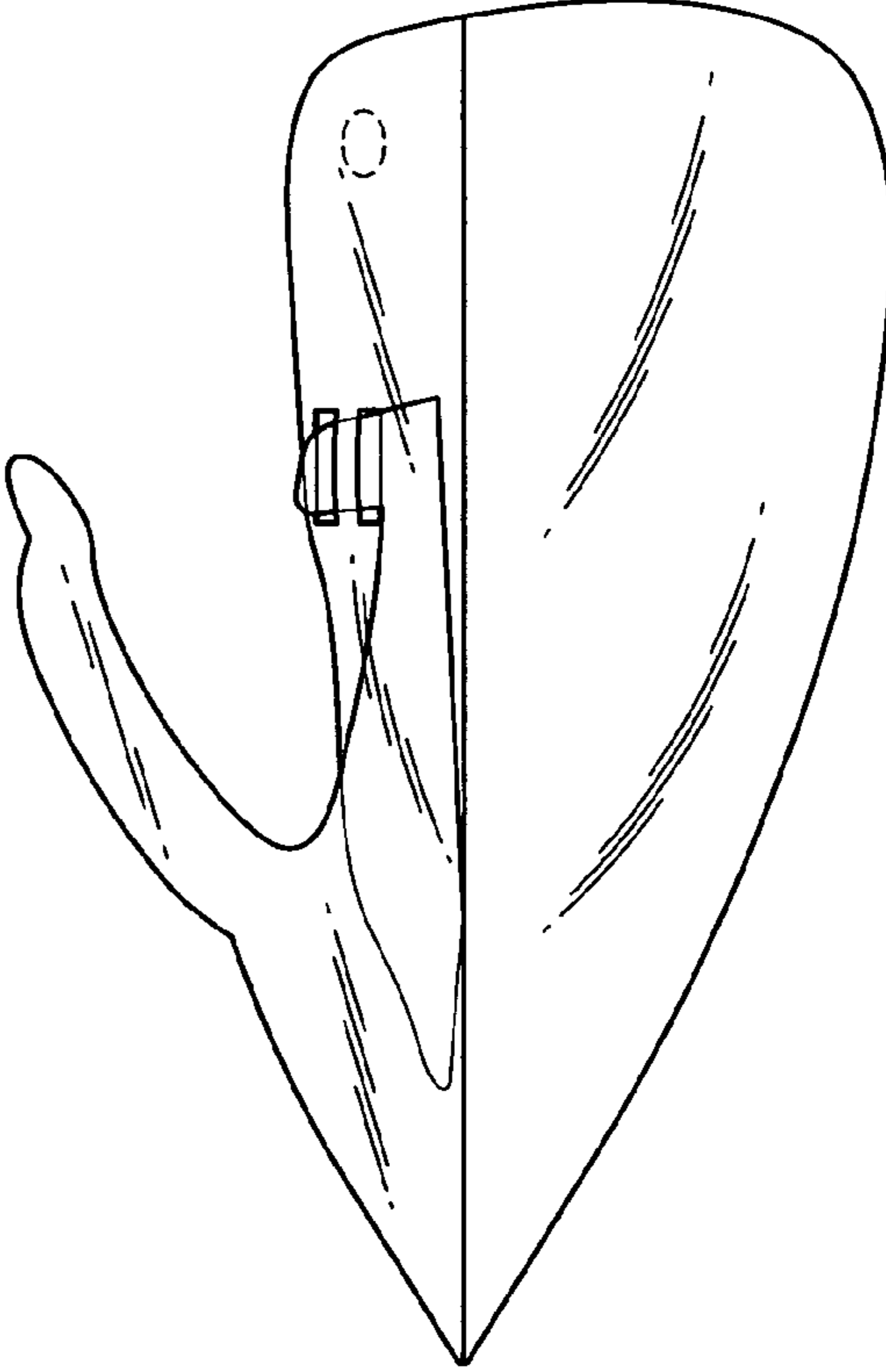


FIG. 8

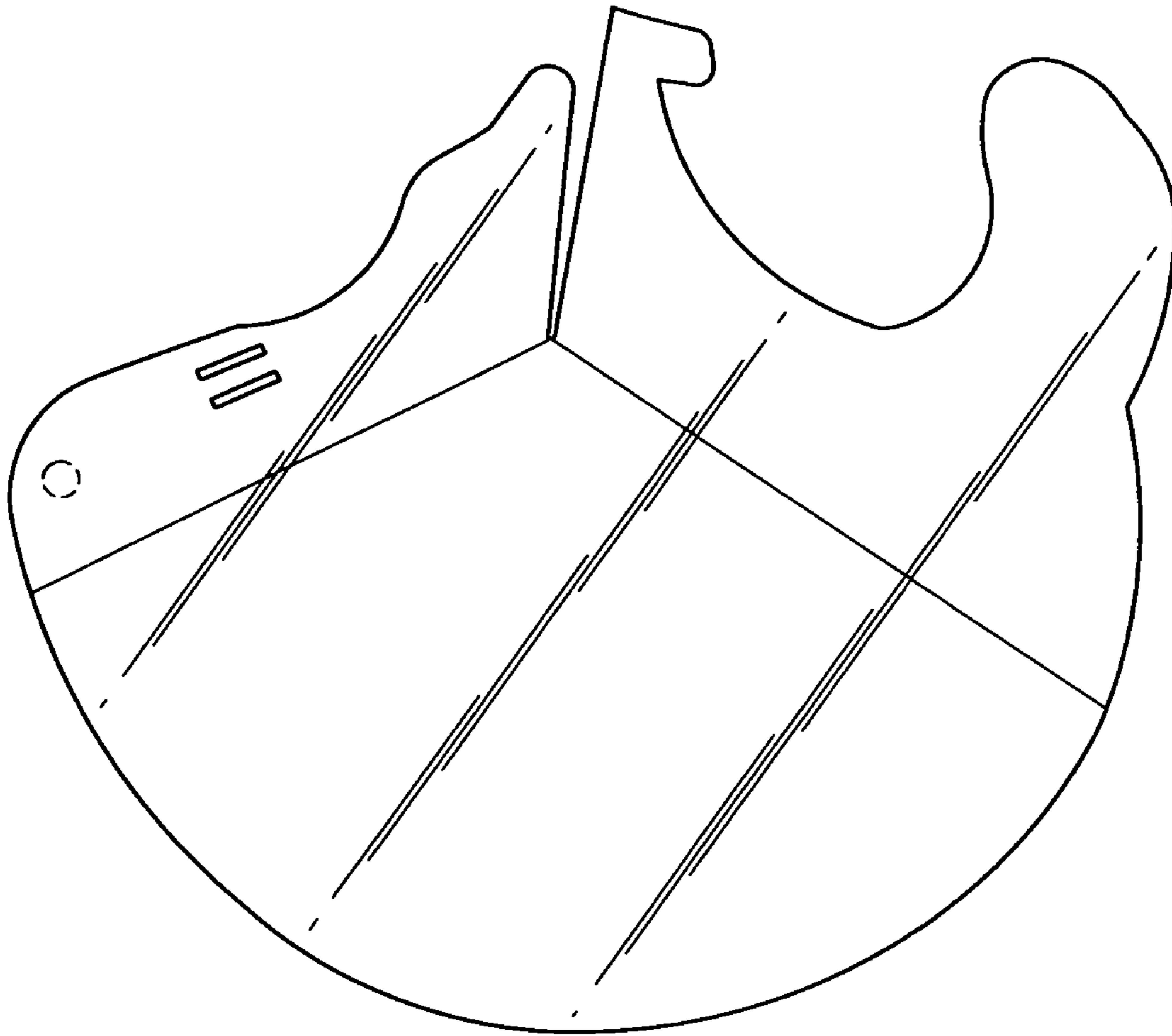


FIG. 9

© 2011 BARRY VOGEL

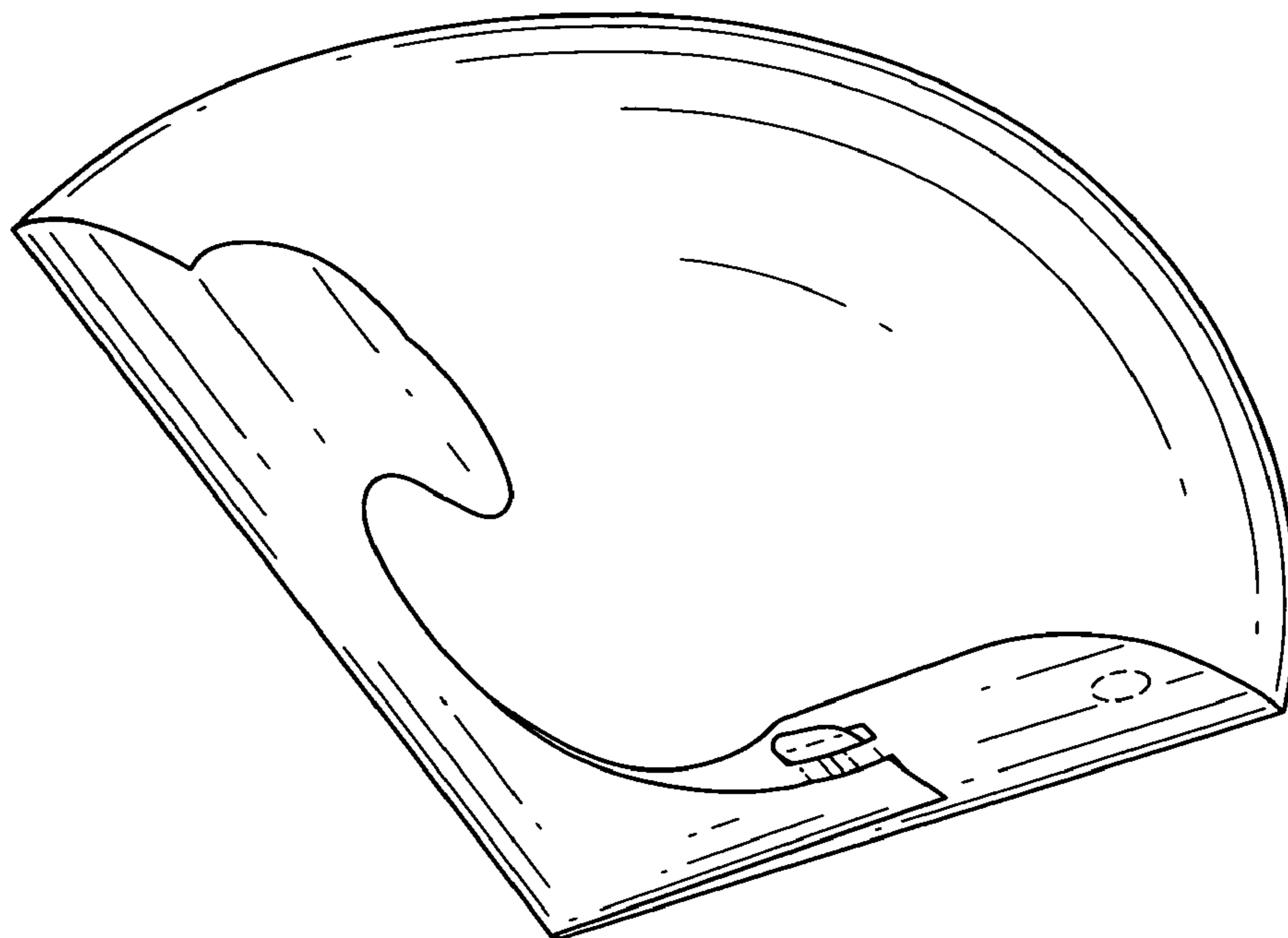


FIG. 10

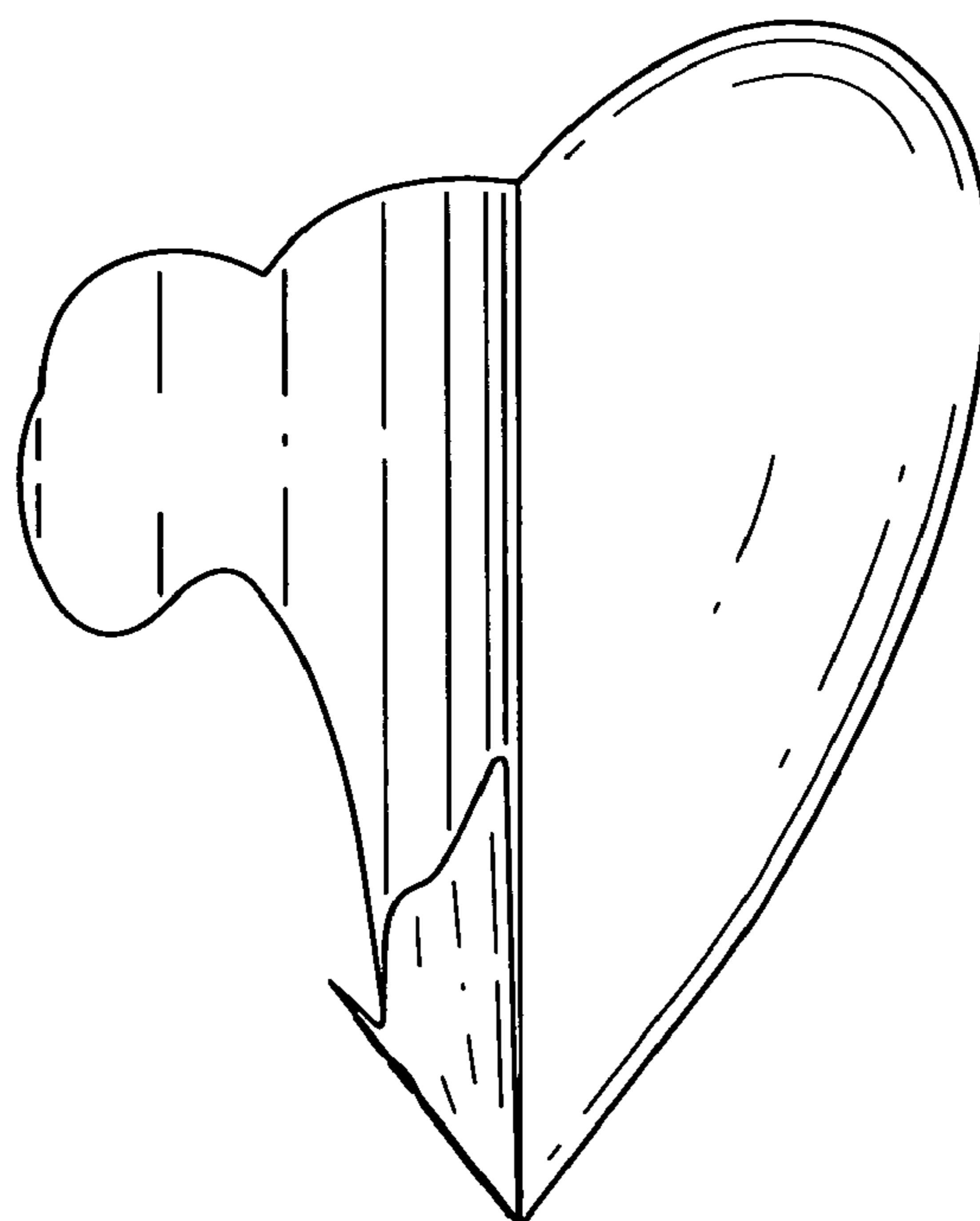


FIG. 11

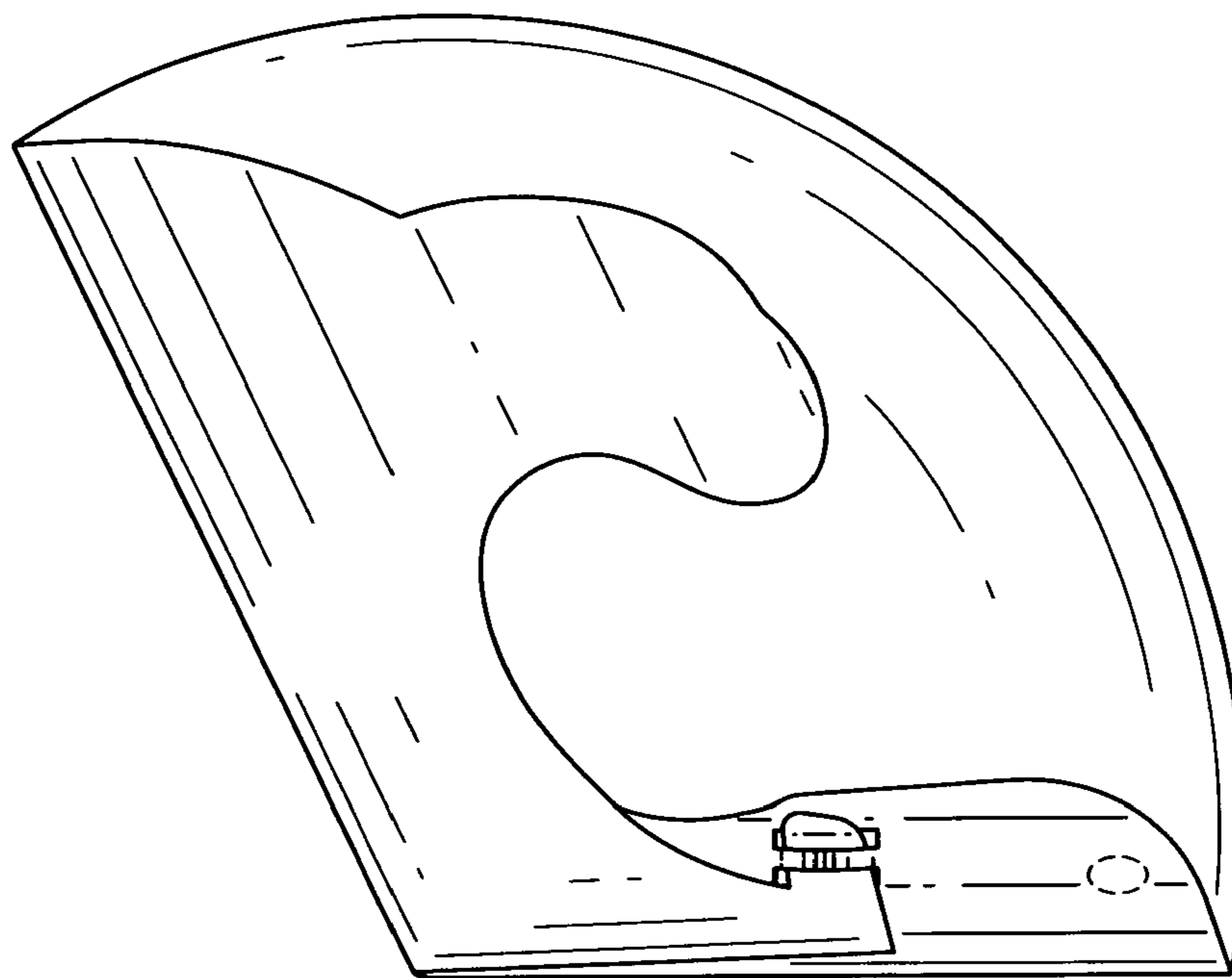


FIG. 12

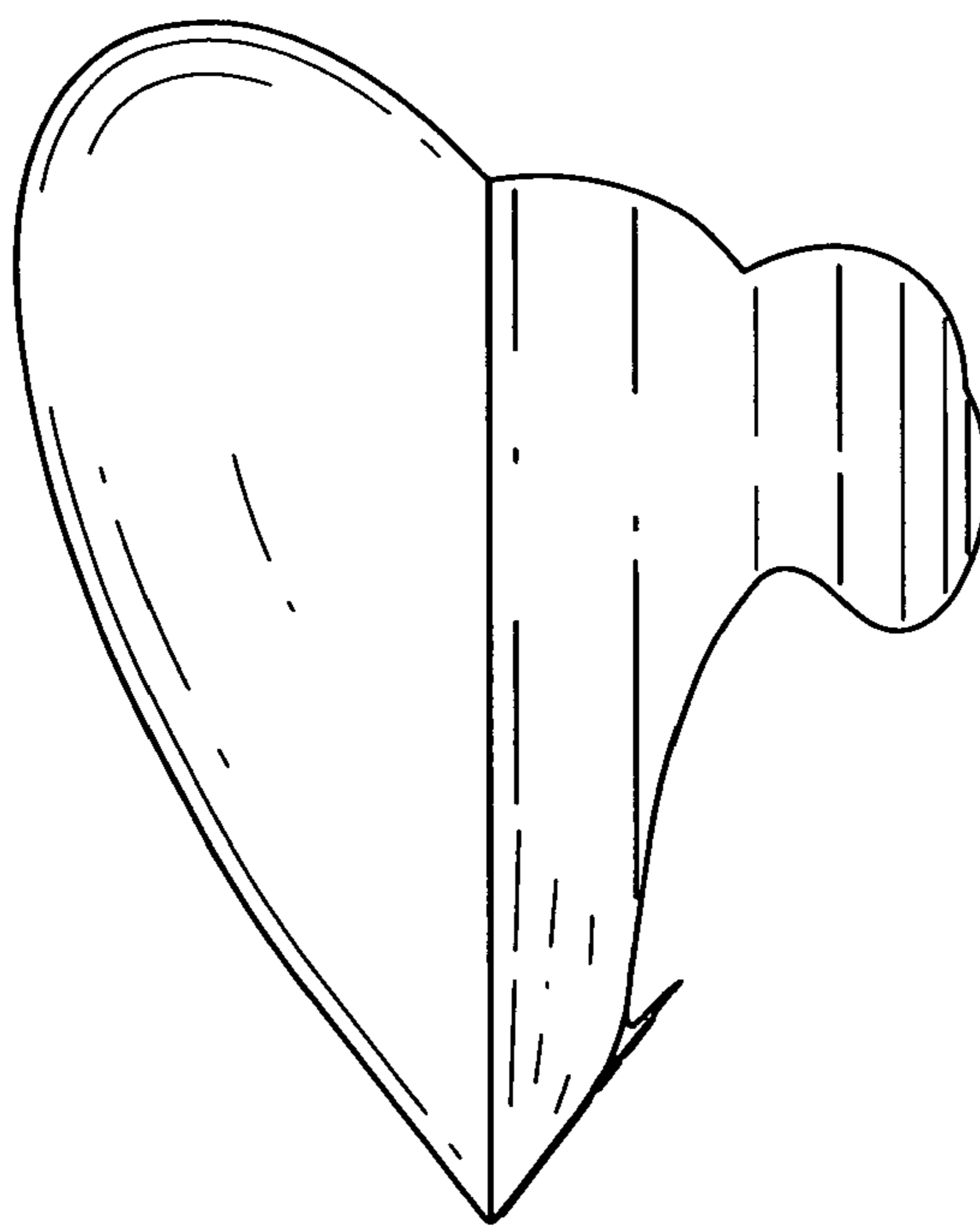


FIG. 13

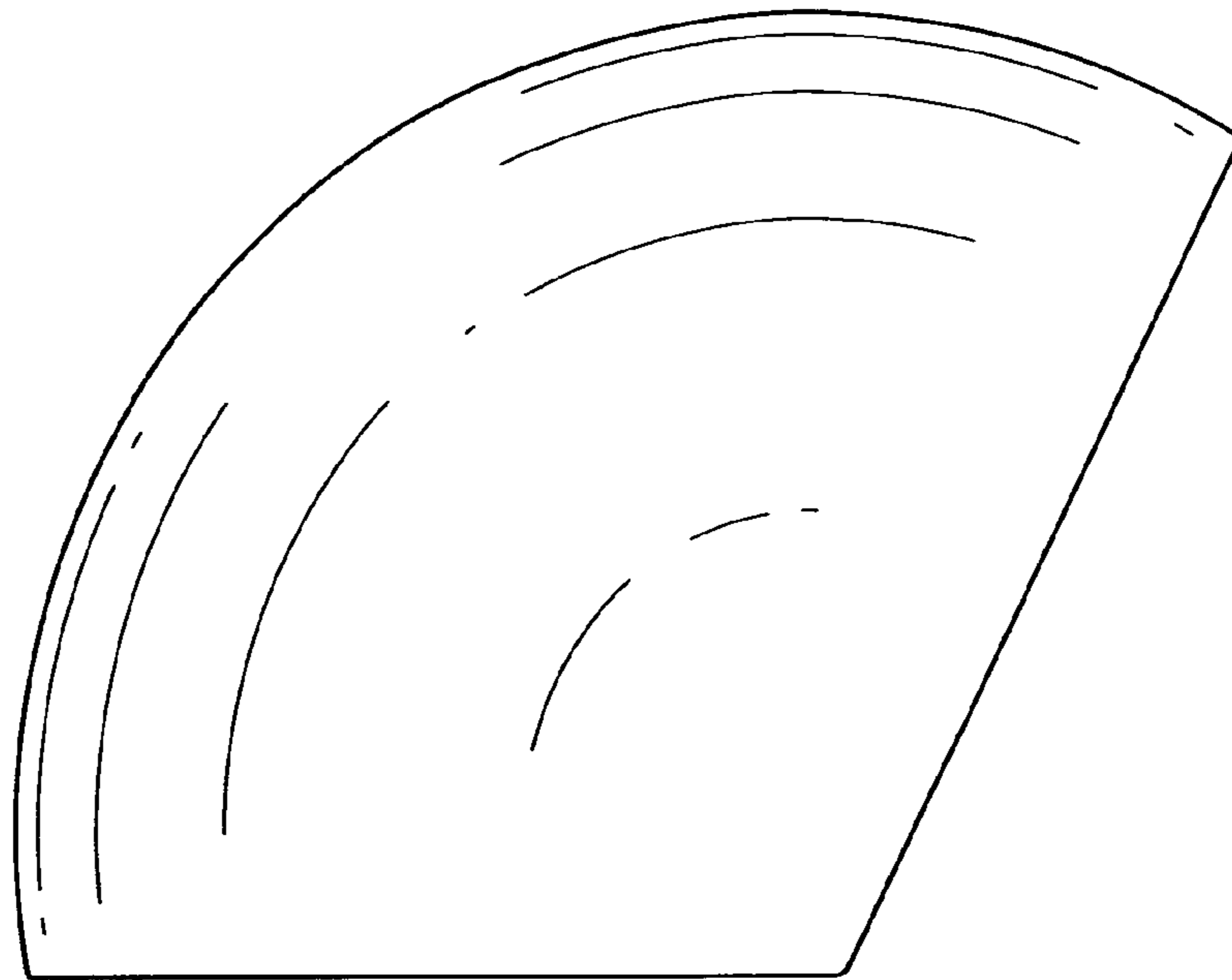


FIG. 14

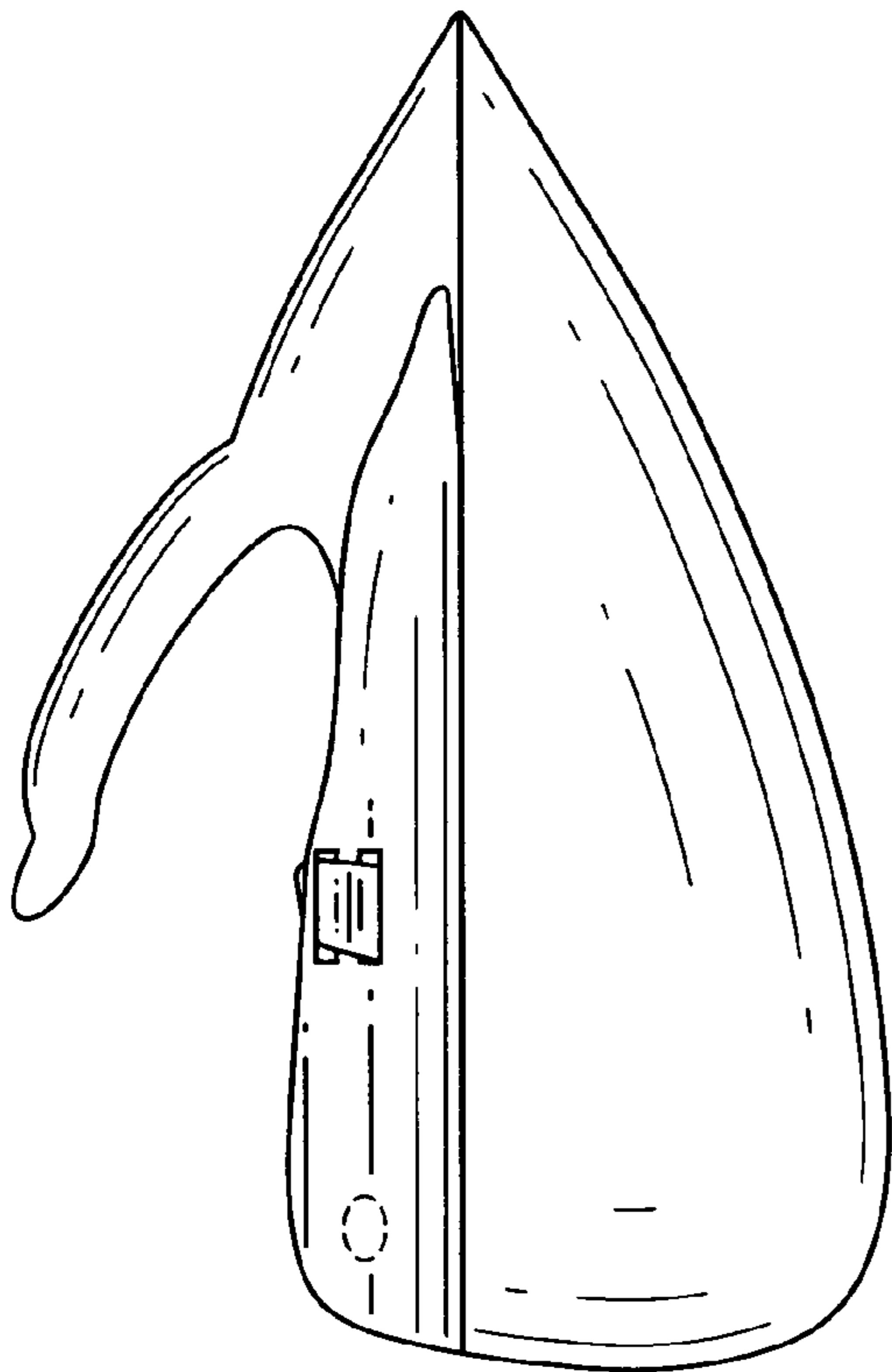


FIG. 15

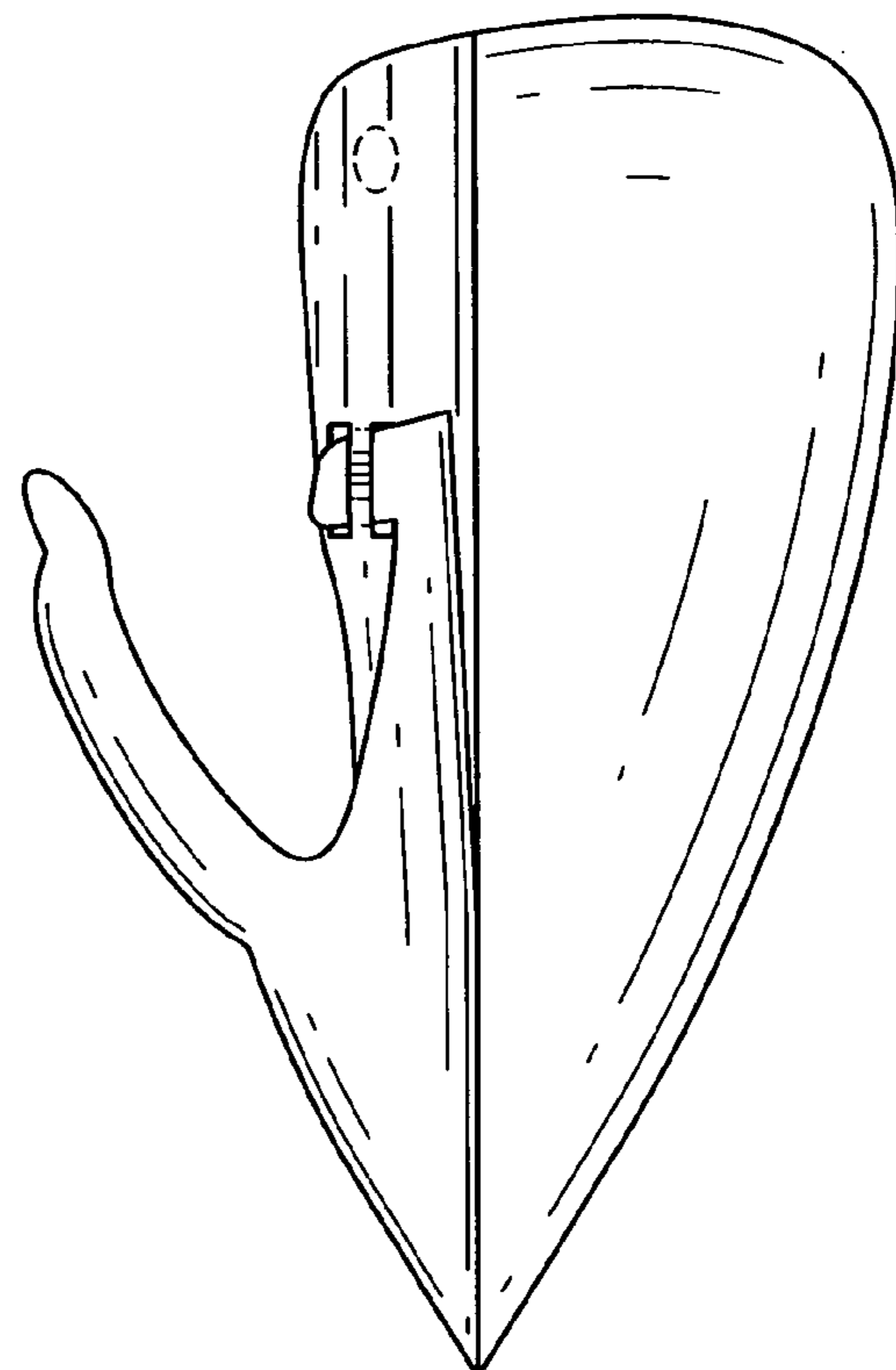


FIG. 16

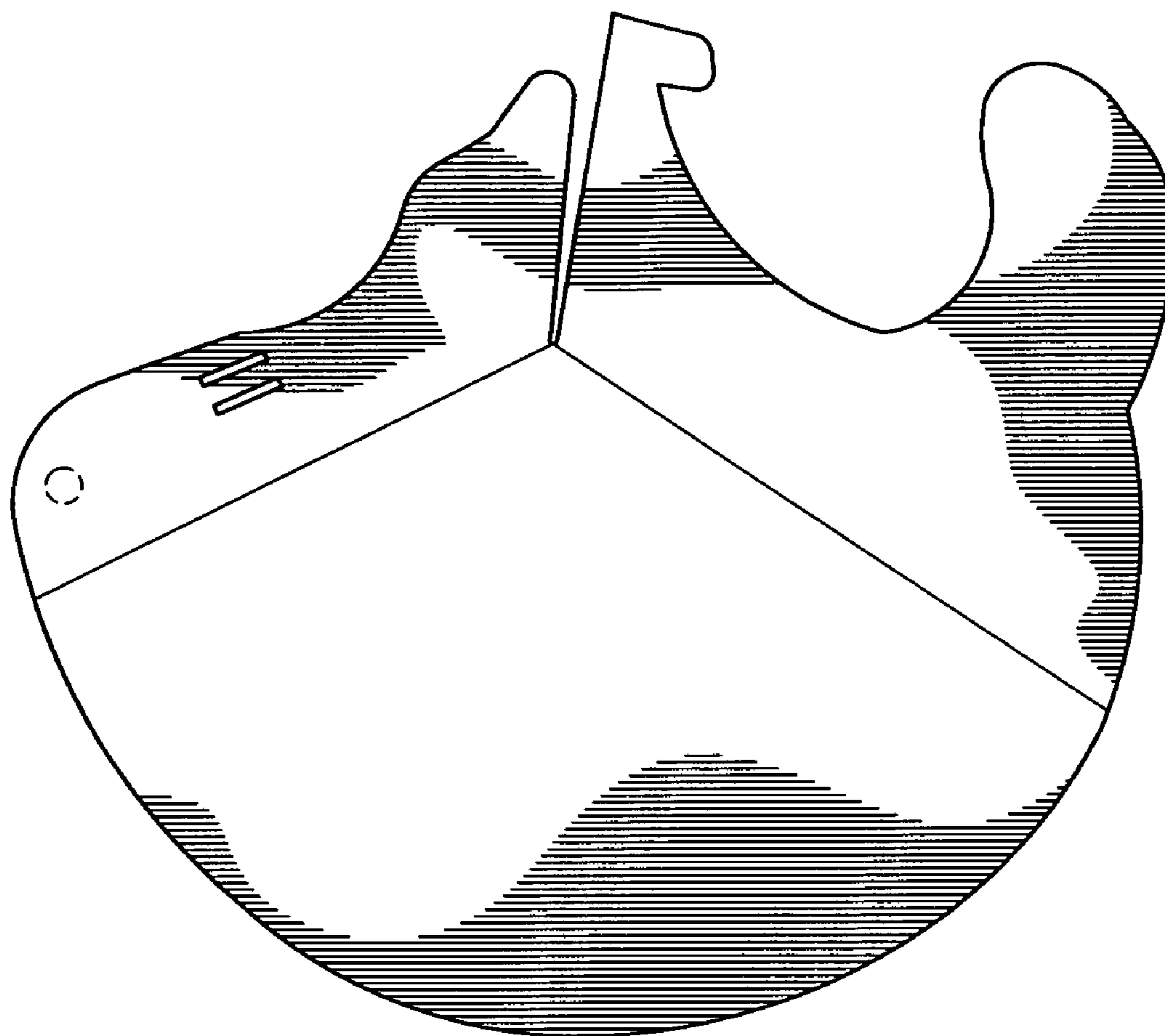


FIG. 17

© 2011 BARRY VOGEL