

US00D852604S

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

(10) **Patent No.:** **US D852,604 S**

(45) **Date of Patent:** **** Jul. 2, 2019**

(54) **KNIFE SHARPENER**

(71) Applicant: **Smith's Consumer Products, Inc.**, Hot Springs, AR (US)

(72) Inventor: **Louis Chalfant**, Hot Springs, AR (US)

(73) Assignee: **Smith's Consumer Products, Inc.**, Hot Springs, AR (US)

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

(21) Appl. No.: **29/628,112**

(22) Filed: **Dec. 1, 2017**

(51) **LOC (11) Cl.** **08-05**

(52) **U.S. Cl.**
USPC **D8/93**

(58) **Field of Classification Search**
USPC D8/63, 90, 91, 92, 93
CPC B24B 3/54; B24B 3/36; B24B 3/58; B24B 3/00; B24B 23/08; B24B 15/00; B24B 15/06; B24B 15/063; B24B 15/08
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D332,210 S *	1/1993	Linden	.....	D8/93
D481,285 S *	10/2003	Moeller	.....	D8/93
D575,125 S *	8/2008	Smith	.....	D8/63
D578,581 S *	10/2008	Smith	.....	D21/667
D587,550 S *	3/2009	Smith	.....	D8/91
D641,225 S *	7/2011	Friel, Sr.	.....	D8/93
D641,226 S *	7/2011	Friel, Sr.	.....	D8/93
D685,622 S *	7/2013	Jalet	.....	D8/93

D754,514 S *	4/2016	Huber	.....	D8/93
D813,004 S *	3/2018	Huber	.....	D8/93
2009/0298401 A1 *	12/2009	Smith	.....	B24D 15/065 451/321
2014/0057541 A1	2/2014	Smith		
2015/0321320 A1	11/2015	Smith		

FOREIGN PATENT DOCUMENTS

CA	2703522	11/2011
EP	001002117-0003	11/2008
EP	2103386	11/2012

* cited by examiner

Primary Examiner — Philip S Hyder

(74) *Attorney, Agent, or Firm* — Richard Blakely
Glasgow

(57) **CLAIM**

The ornamental design for a knife sharpener, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a knife sharpener embodying the new design;

FIG. 2 is a right side elevation view of the knife sharpener, the left side elevation view being a mirror image of the right side;

FIG. 3 is a front elevation view thereof;

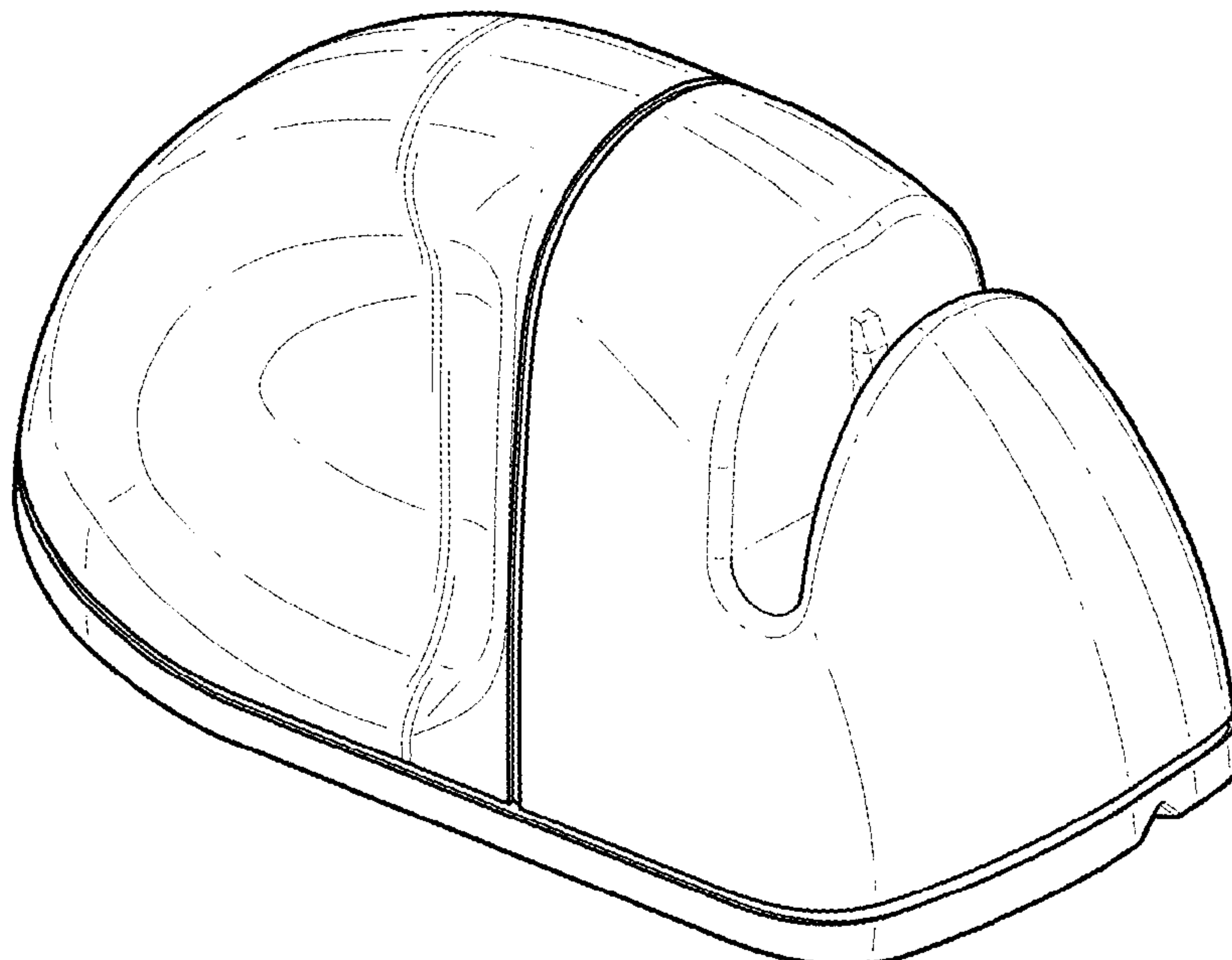
FIG. 4 is a top plan view thereof;

FIG. 5 is a rear elevation view thereof; and,

FIG. 6 is a bottom plan view thereof.

The broken lines depict portions of the knife sharpener in which the design is embodied that are not considered part of the claimed design.

1 Claim, 3 Drawing Sheets



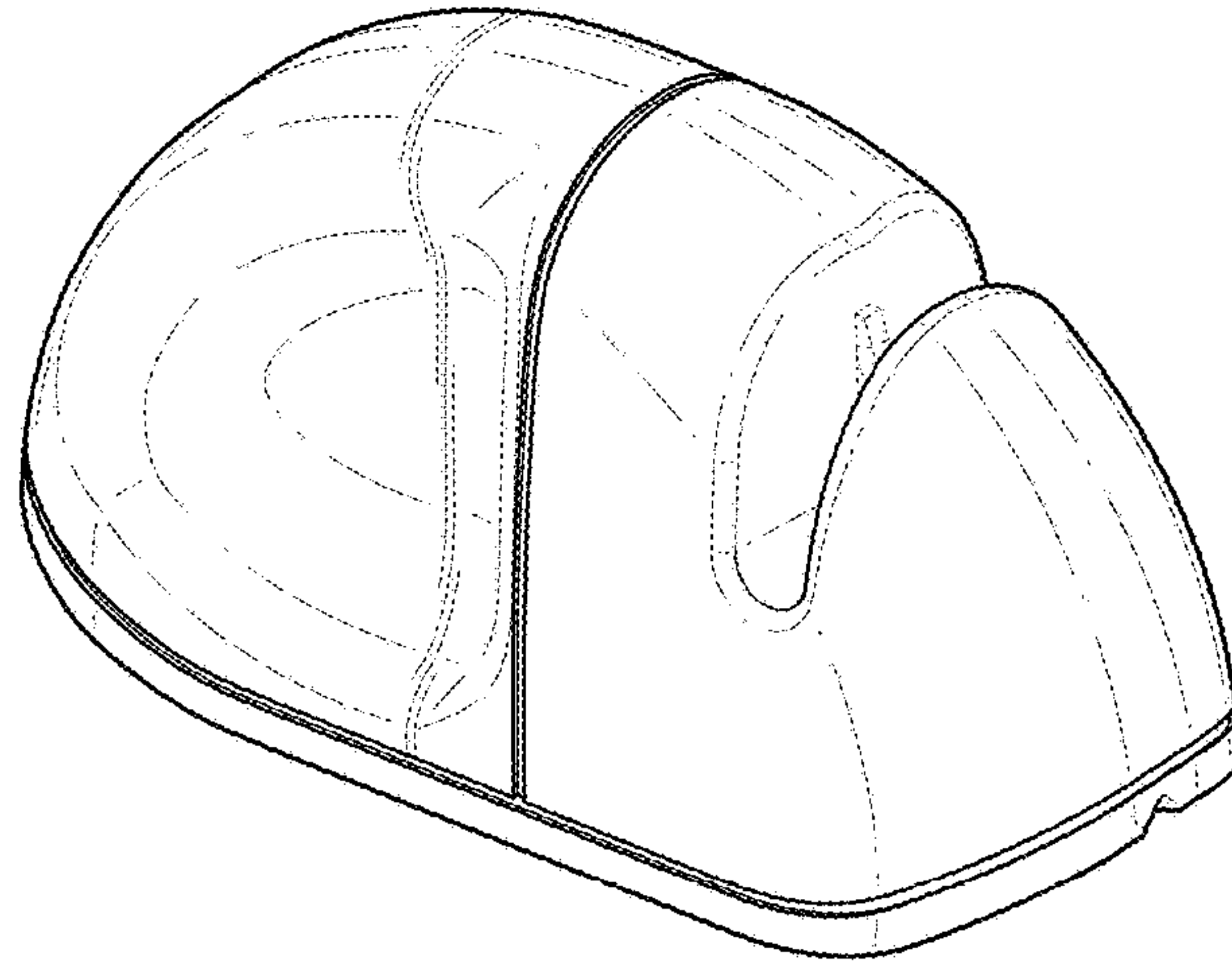


FIG. 1

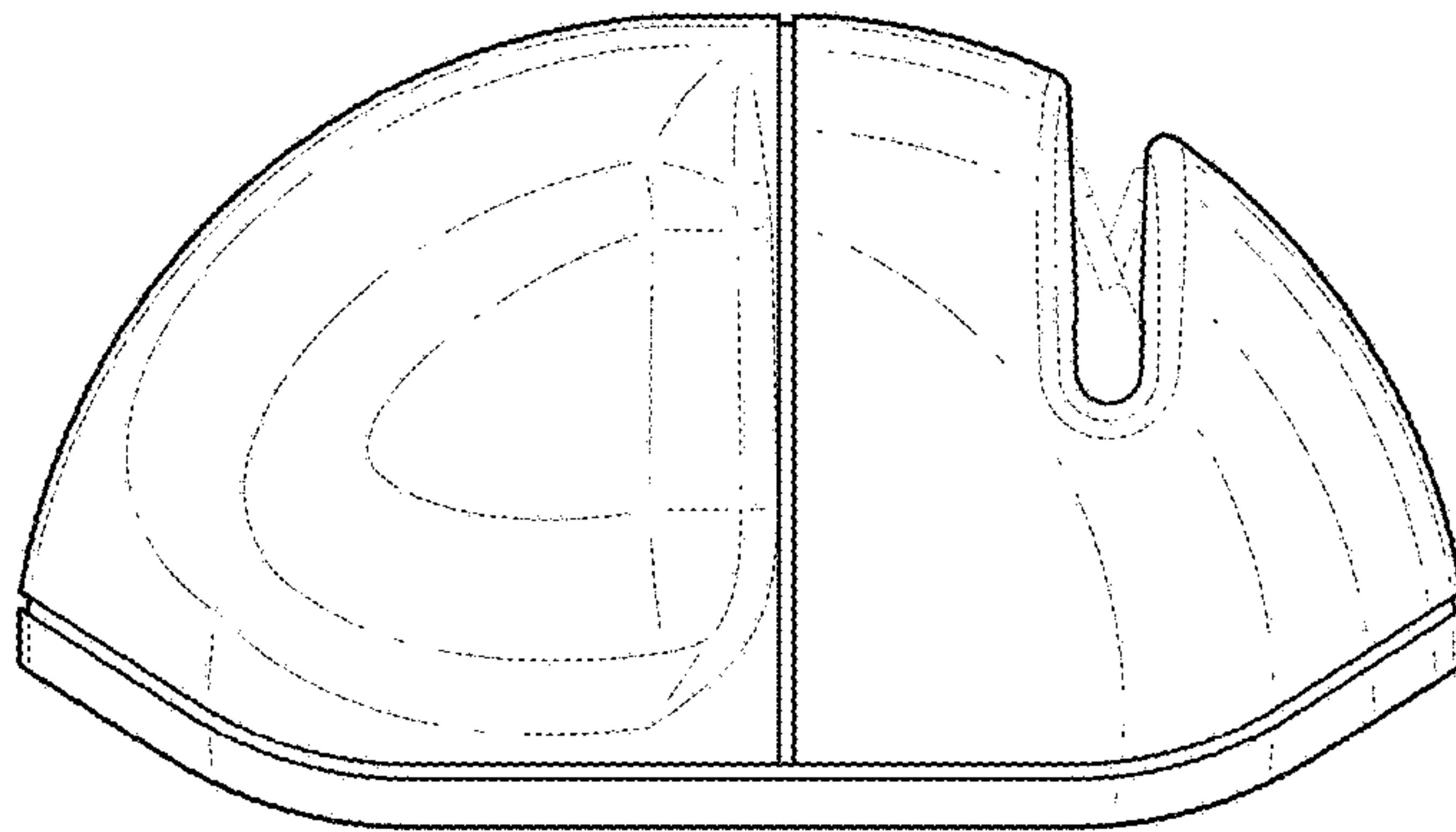


FIG. 2

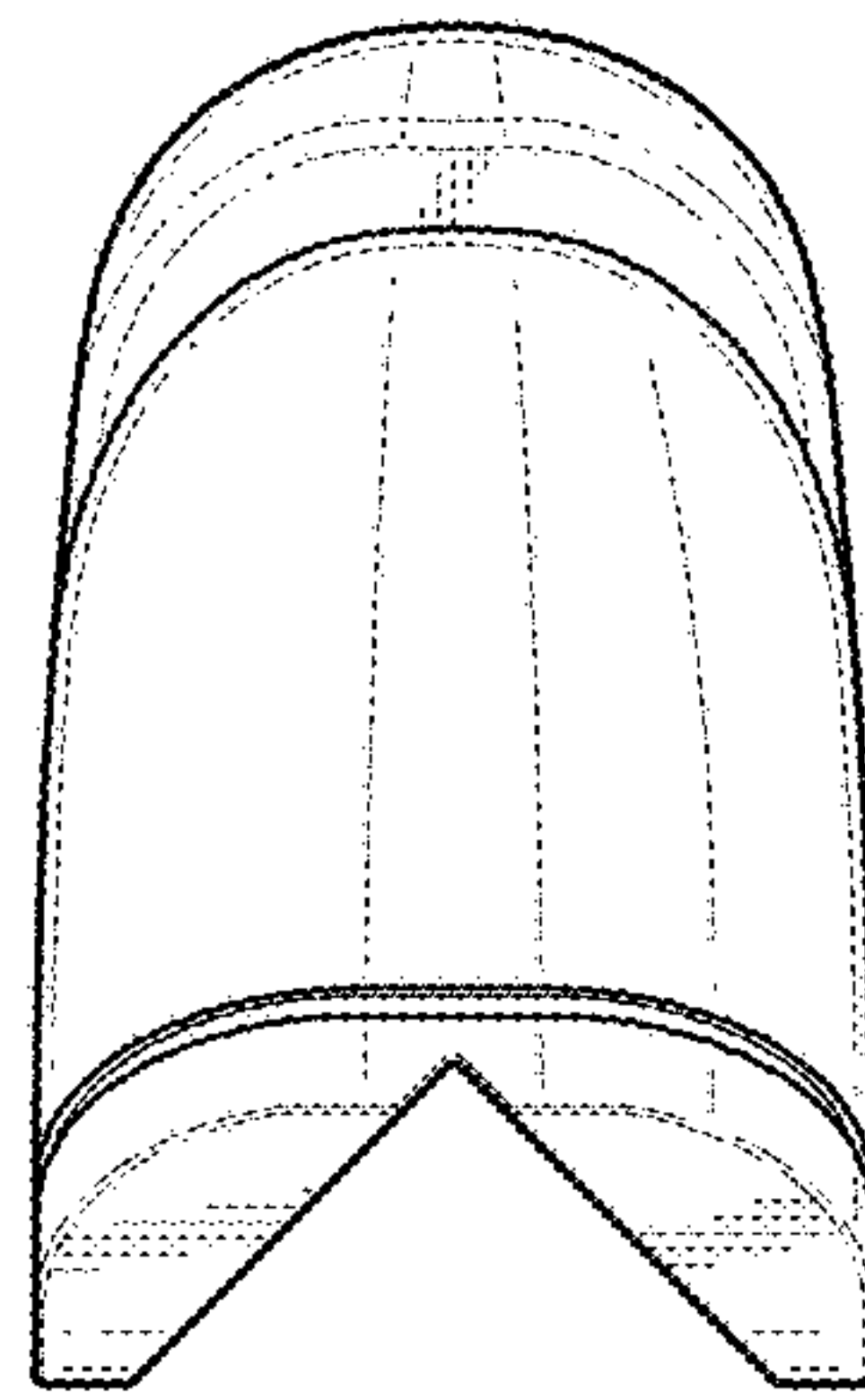


FIG. 3

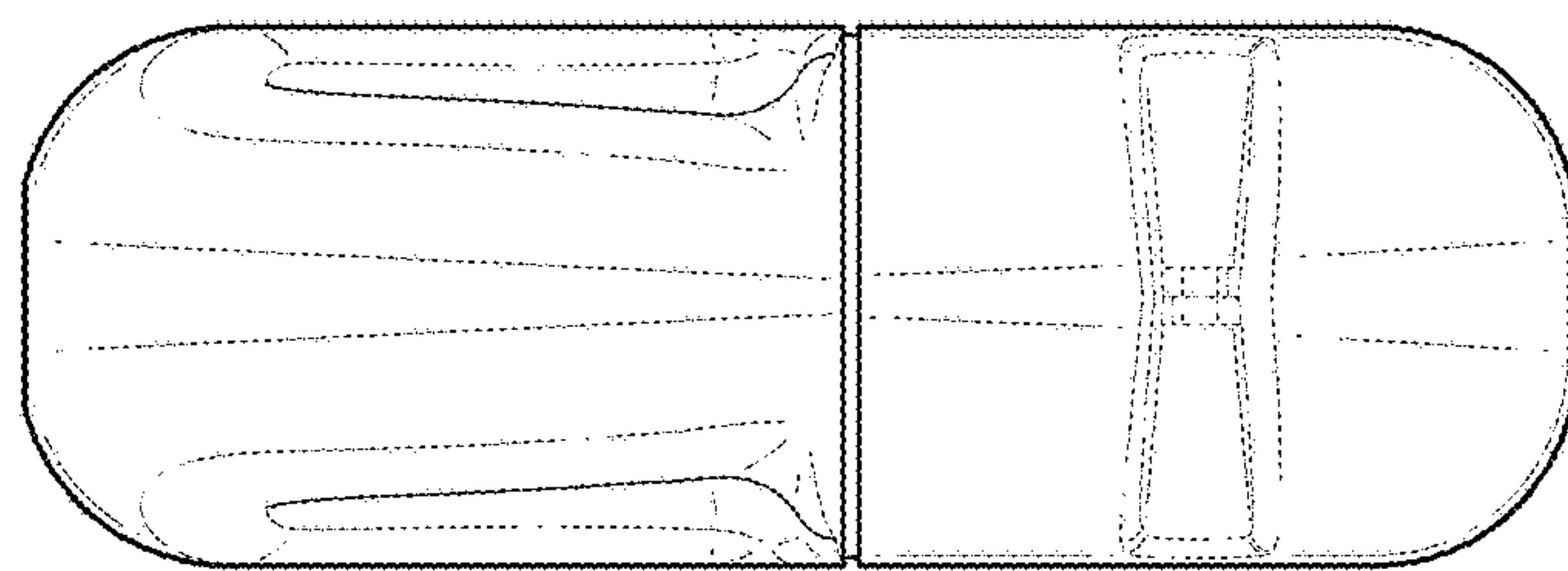


FIG. 4

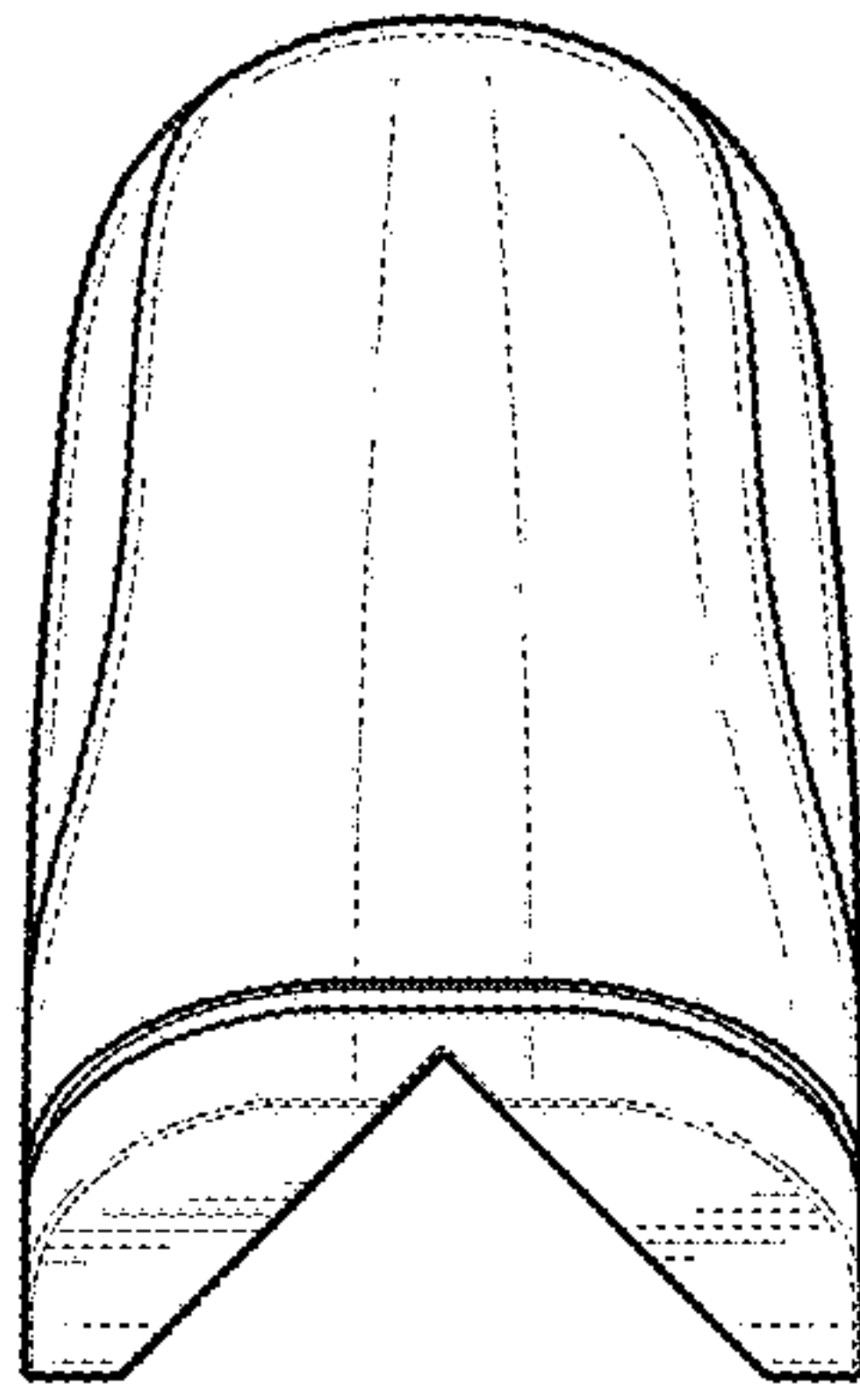


FIG. 5

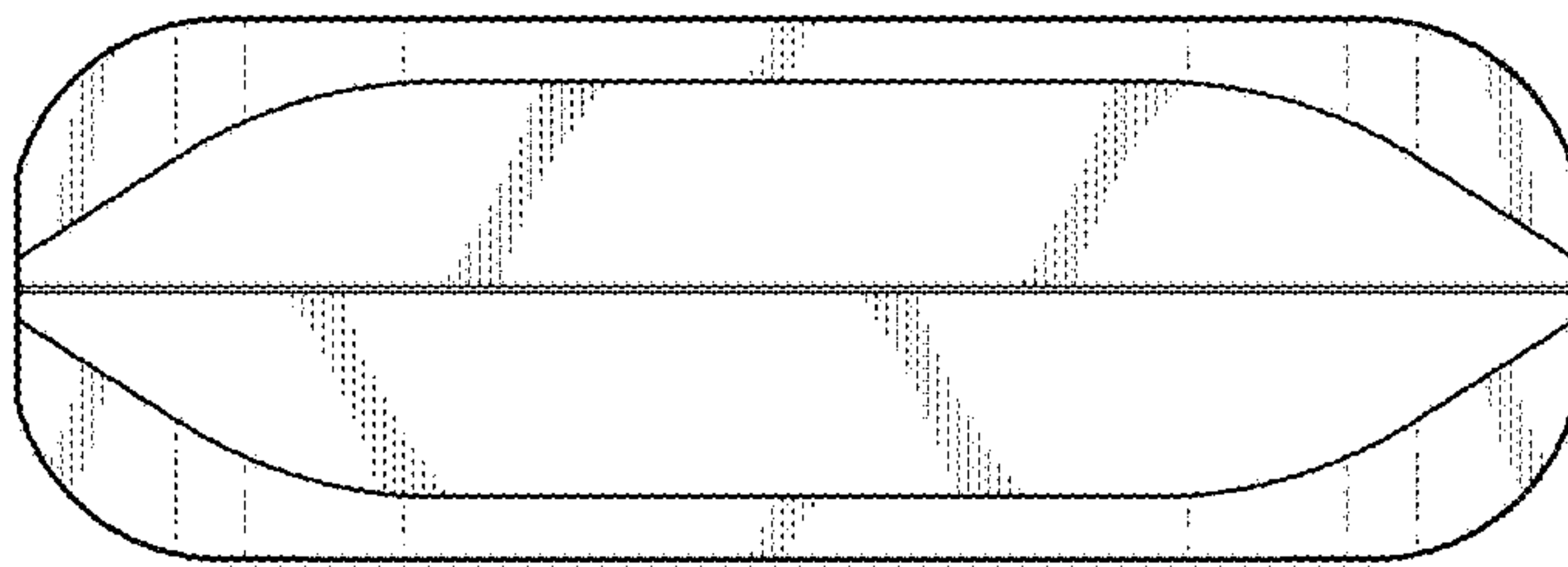


FIG. 6