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(12) **United States Design Patent**
Kasic, II et al.

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(54) **MAGNETIC ATTACHMENT MECHANISM
FOR BONE CONDUCTION HEARING
DEVICE**

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

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(52) **U.S. Cl.**
USPC **D24/174**

(58) **Field of Classification Search**
USPC D24/173-175, 151, 155; 600/25;
623/110, 11; 181/126, 129; 607/55-57
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,062,372	A *	12/1936	Nicholides	381/151
2,225,597	A *	12/1940	Babbitt et al.	381/60
2,678,973	A *	5/1954	Newman	381/324
4,073,366	A *	2/1978	Estes	181/158
4,352,960	A	10/1982	Dormer et al.	
4,736,747	A	4/1988	Drake	
5,161,972	A	11/1992	Matsui et al.	
5,735,790	A	4/1998	Hankansson et al.	
5,741,336	A	4/1998	Fraser	
6,293,903	B1 *	9/2001	Kasic et al.	600/25
D486,478	S *	2/2004	Swan et al.	D14/223
D494,571	S *	8/2004	Polito	D14/223
7,021,676	B2	4/2006	Westerkull	
7,160,774	B2	1/2007	Rabkin et al.	
7,198,596	B2	4/2007	Westerkull	
7,386,143	B2	6/2008	Easter	

D605,294	S *	12/2009	Bergstrom	D24/174
2006/0015155	A1 *	1/2006	Charvin et al.	607/57
2007/0053536	A1	3/2007	Westerkull	
2009/0187233	A1 *	7/2009	Stracener	607/57
2011/0257571	A1 *	10/2011	Fritsch et al.	602/46
2012/0080039	A1	4/2012	Siegert	

FOREIGN PATENT DOCUMENTS

DE	4027681	3/1991
DE	29511772	1/1996
DE	20314005	2/2004
DE	202004006117	8/2004

(Continued)

OTHER PUBLICATIONS

International Search Report corresponding to International Application No. PCT/DE2010/000281, mailed Oct. 4, 2010 (English and German).

(Continued)

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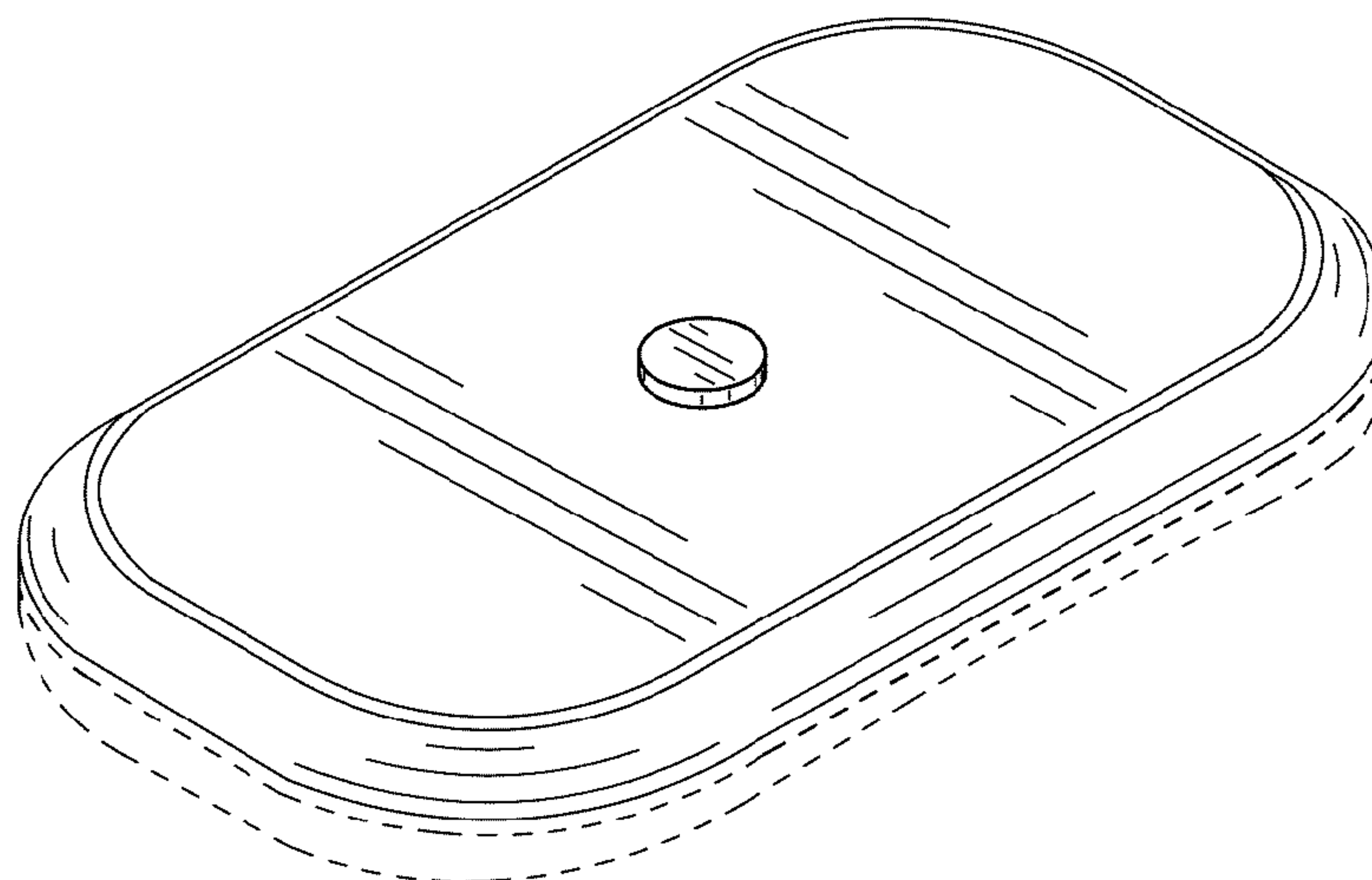
(57) **CLAIM**

The ornamental design for a magnetic attachment mechanism for bone conduction hearing device, as shown and described.

DESCRIPTION

FIG. 1 is a top, front and left perspective view of a magnetic attachment mechanism for bone conduction hearing device, showing my new design;
FIG. 2 is a top view thereof;
FIG. 3 is a bottom view thereof;
FIG. 4 is a left view thereof, the right view is identical to the left view; and,
FIG. 5 is a front view thereof, the rear view is identical to the front view.
The portion of the design shown in broken lines forms no part of the claimed design.

1 Claim, 2 Drawing Sheets



(56)

References Cited

FOREIGN PATENT DOCUMENTS

DE	202004008719	10/2004
DE	202005015619	1/2006
DE	202005015533	3/2006
DE	202005020361	4/2006
DE	202006001563	5/2006
DE	202006004445	6/2006
DE	202005009361	11/2006
DE	102006026288	1/2007
DE	202009003507	7/2009
DE	202009003508	7/2009
DE	202009003509	7/2009
DE	202009005475	7/2009
DE	202009005936	8/2009
DE	202009007401	10/2009
DE	202009007865	10/2009

EP	0755169	1/1997
WO	WO2004034934	4/2004
WO	WO2007024657	3/2007

OTHER PUBLICATIONS

International Preliminary Report on Patentability, Corresponding to International Application No. PCT/DE2010/000281, issued Nov. 20, 2011.

“Finde die Erdpole mit einer Büroklammer” Jan. 17, 2005, XP002598967, retrieved from the Internet: URL:<http://www.physikfuerkids.de/lab1/versuche/erbbuero/index.html> (German language, drawings).

“Magnetic test kit Instructions for use” 2008, XP002598959 retrieved from the Internet: URL:<http://www.buntingmagnetics.com/content/upload/files/pull-test-kit-manual-1.pdf>.

* cited by examiner

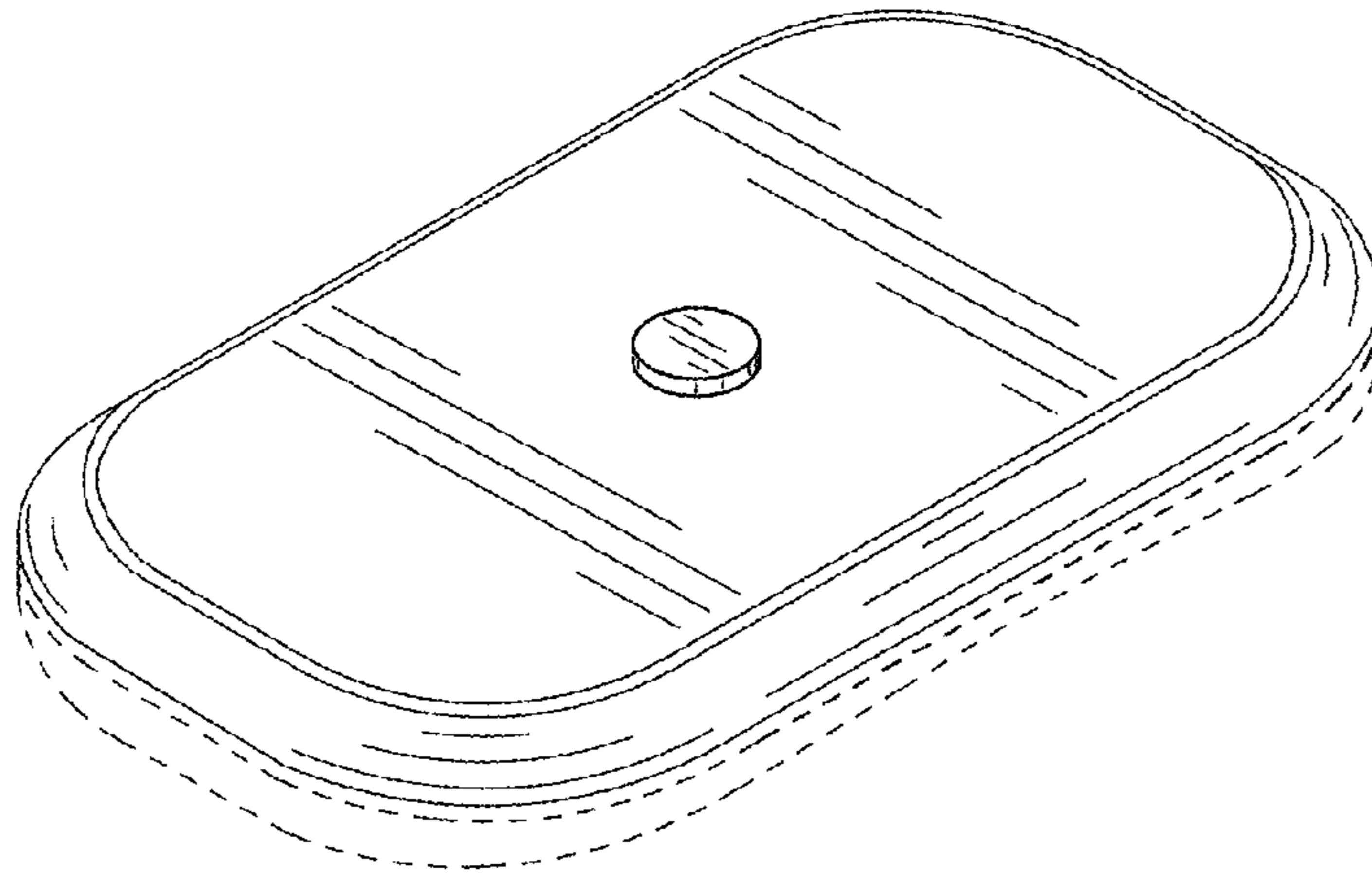


FIG. 1

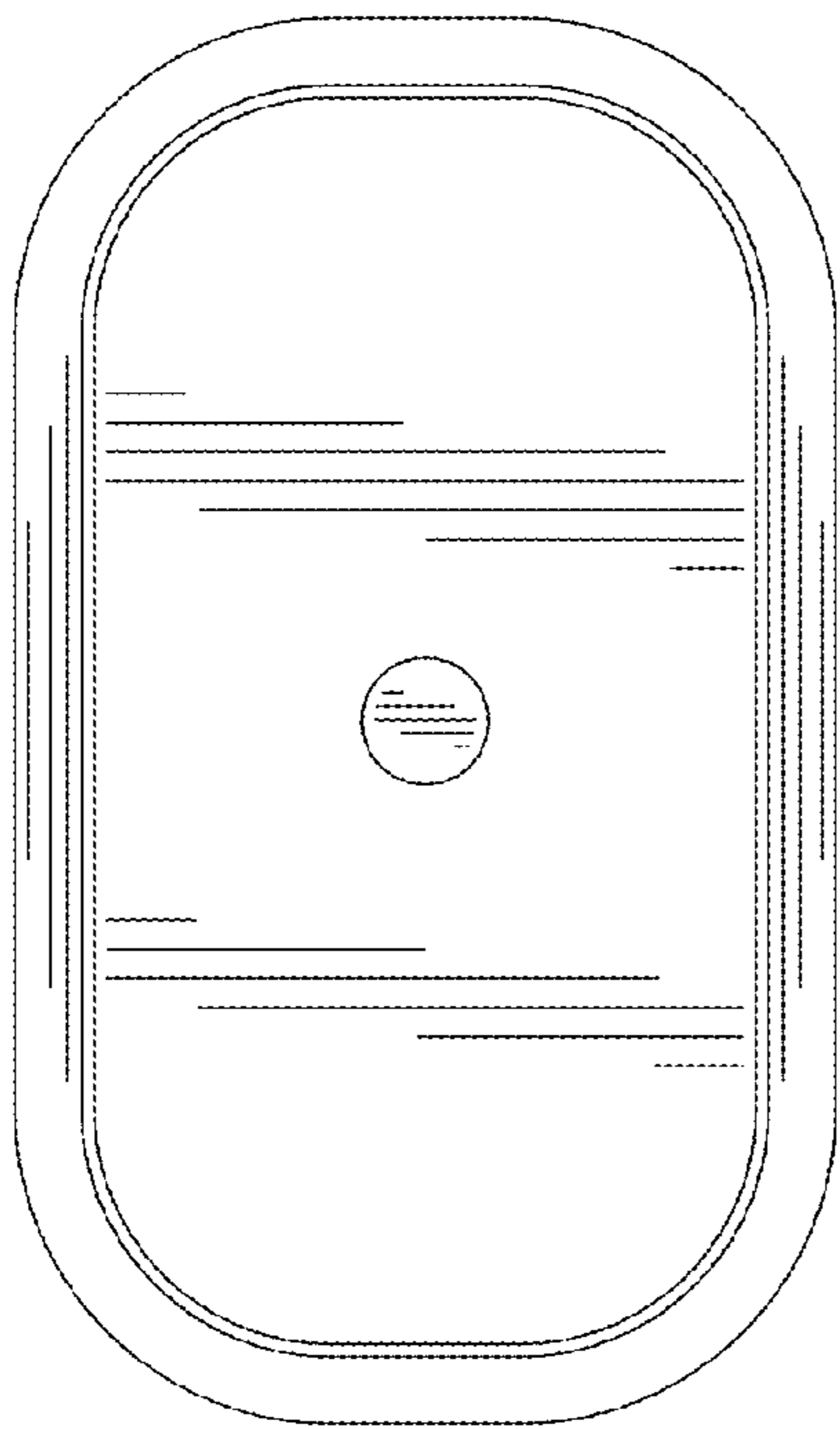


FIG. 2

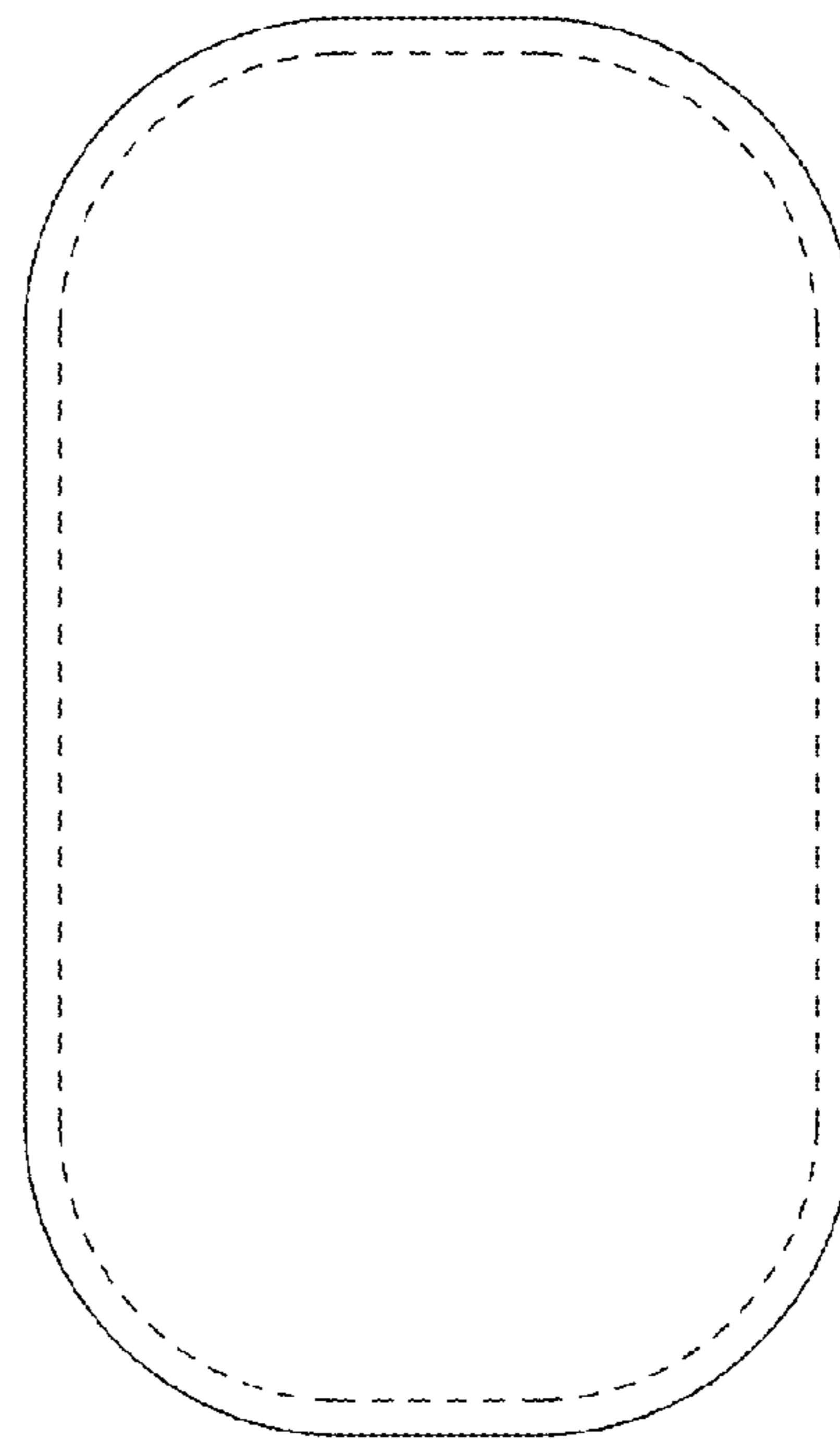


FIG. 3

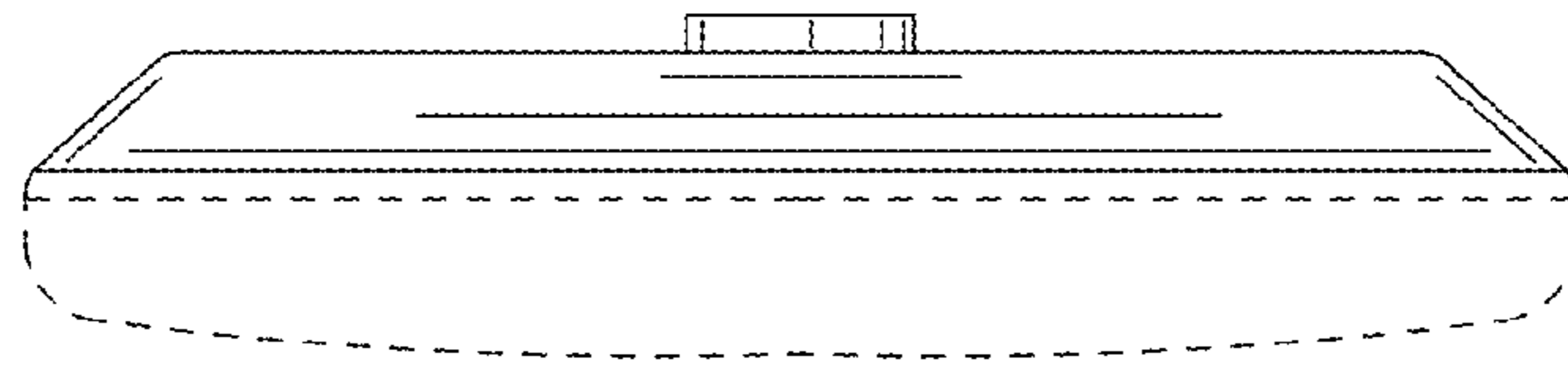


FIG. 4

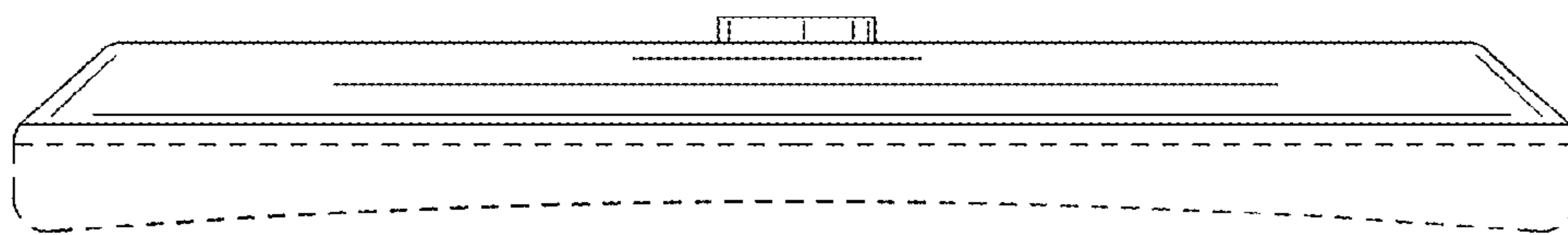


FIG. 5