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(12) **United States Design Patent**  
**Yamakawa et al.**

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(54) **CONTACTLESS CARD READER/WRITER**

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D14/389, 432, 434, 441, 442, 344, 347, 387,  
D14/125, 341, 433, 439; D18/4.1-4.6; D13/162,  
D13/164, 177, 184; 361/684, 686, 728, 747;  
235/382, 382.5, 476, 482, 483

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D329,231 S *	9/1992	Lee	.....	D14/156
D350,741 S *	9/1994	Chen	.....	D14/462
D361,759 S *	8/1995	Paull et al.	.....	D14/417
D375,909 S *	11/1996	Dziersk et al.	.....	D14/218
D391,943 S *	3/1998	Han	.....	D14/356
D391,944 S *	3/1998	Han	.....	D14/356
D406,118 S *	2/1999	Koivisto	.....	D14/385
D416,559 S *	11/1999	Hoyt et al.	.....	D14/217
6,141,221 A *	10/2000	Tong et al.	.....	361/686
D436,109 S *	1/2001	Tong et al.	.....	D14/434

D437,851 S	2/2001	Kojima et al.	
D448,365 S *	9/2001	Kerestegian et al.	..... D14/240
D471,539 S *	3/2003	Warner et al.	..... D14/231
6,560,102 B1 *	5/2003	Tong et al.	..... 361/686
D478,578 S *	8/2003	Hao	..... D14/240
D484,137 S *	12/2003	Wikel et al.	..... D14/433
D490,840 S *	6/2004	Arakaki et al.	..... D18/4.4
D491,953 S *	6/2004	Arakaki et al.	..... D14/385
D494,576 S *	8/2004	Wikel	..... D14/240
D495,700 S	9/2004	Mukai et al.	
D500,038 S	12/2004	Toratani et al.	
D513,231 S *	12/2005	Han et al.	..... D13/147
D516,561 S *	3/2006	Tagliabue et al.	..... D14/433
D520,448 S *	5/2006	Lodato et al.	..... D13/110
D542,791 S *	5/2007	Fitch et al.	..... D14/385

\* cited by examiner

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(57) **CLAIM**

We claim the ornamental design for a contactless card reader/writer, as shown and described.

**DESCRIPTION**

FIG. 1 is a top perspective view of a contactless card reader/writer of the present invention;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a right side view thereof, the left side view being a mirror image thereof;

FIG. 5 is a top view thereof; and,

FIG. 6 is a bottom view thereof.

**1 Claim, 3 Drawing Sheets**

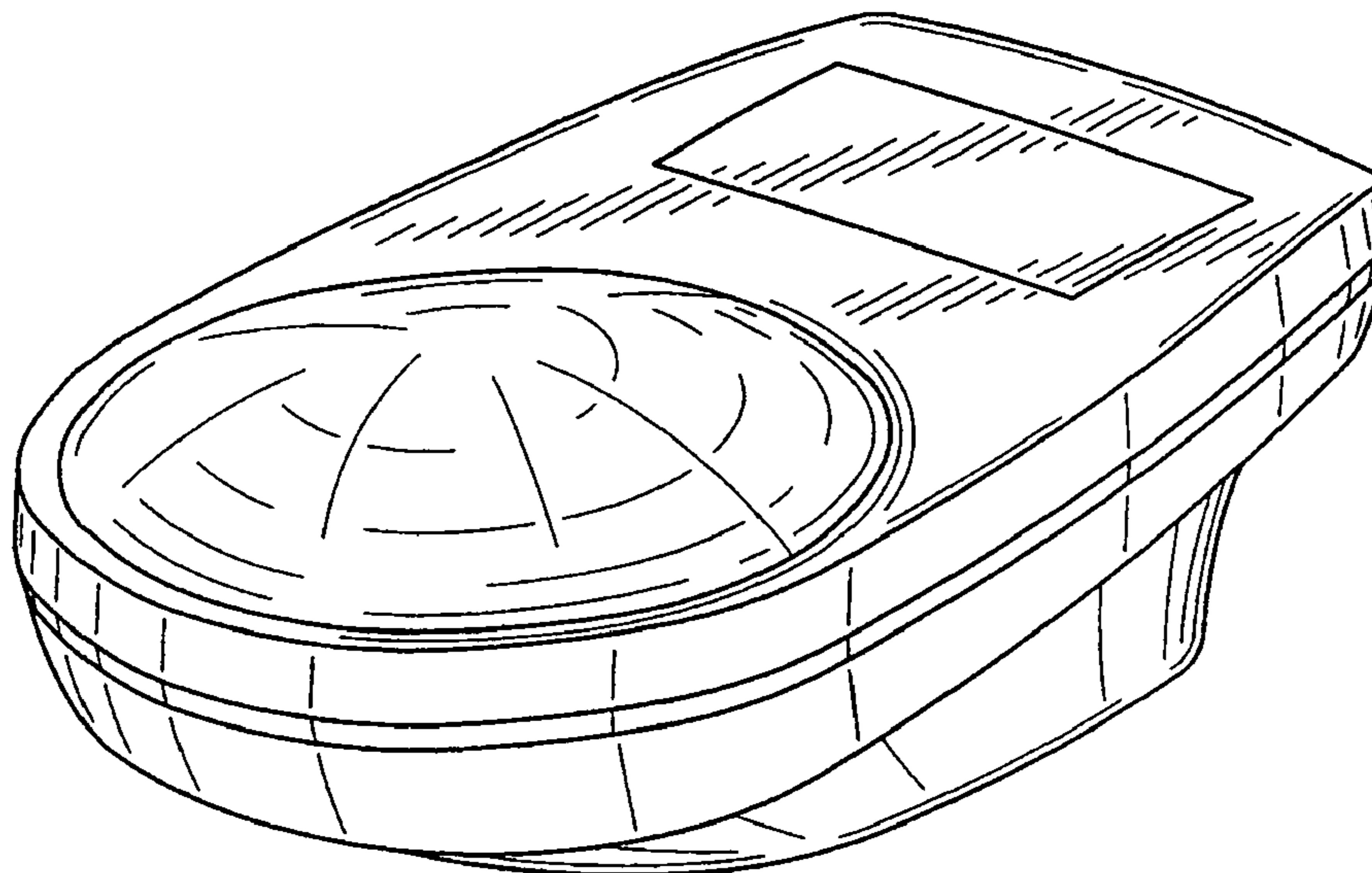


FIG.1

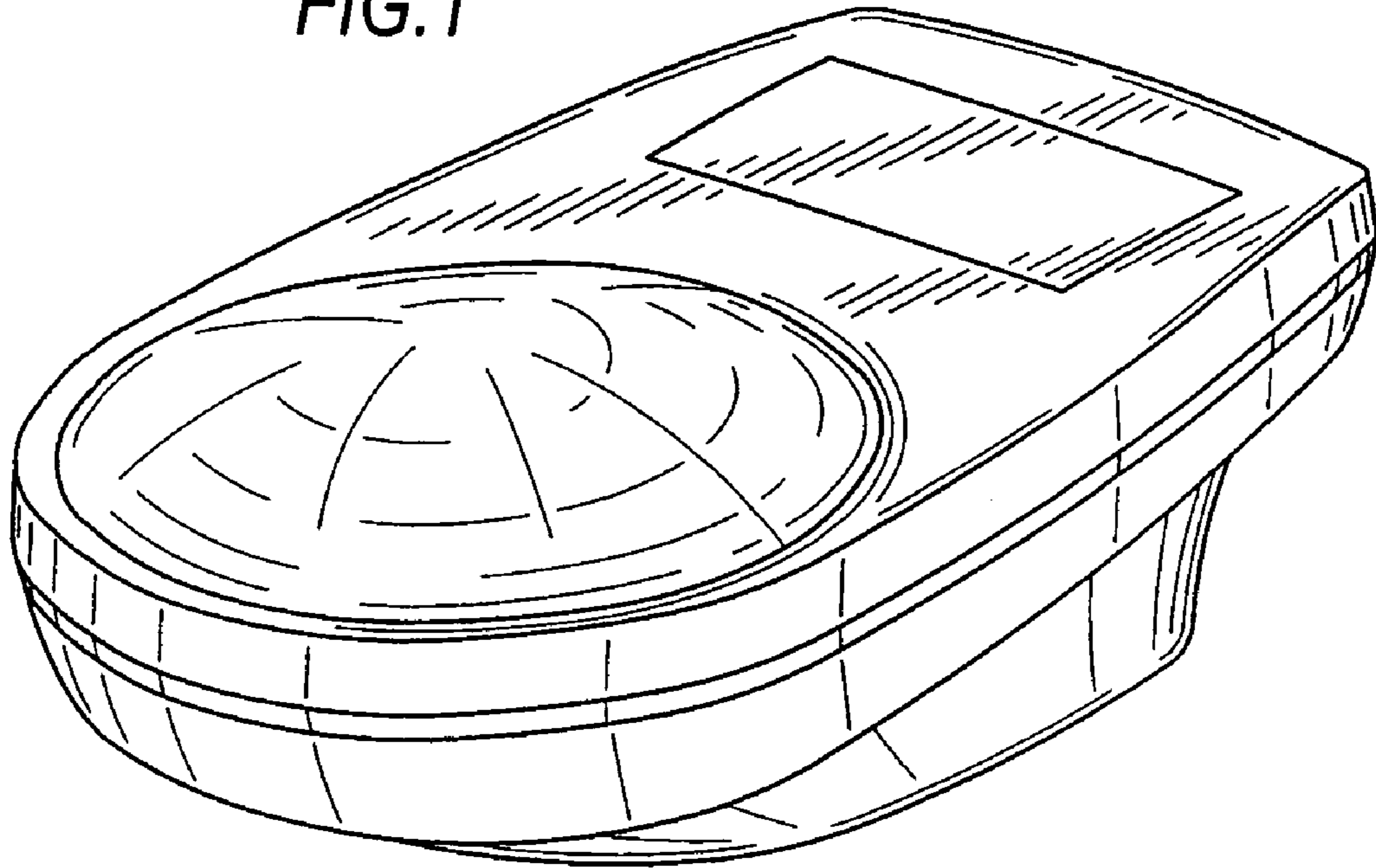
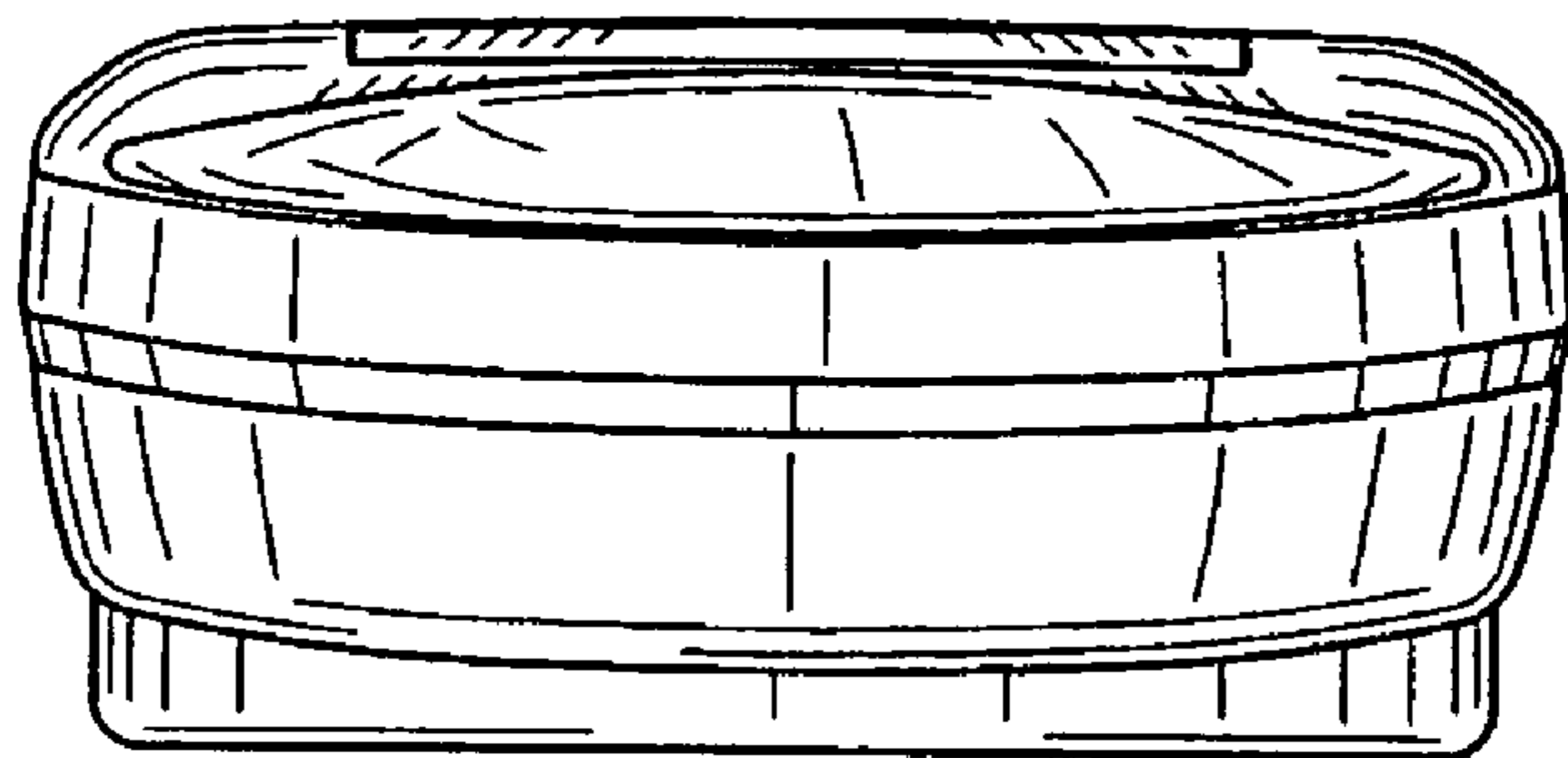
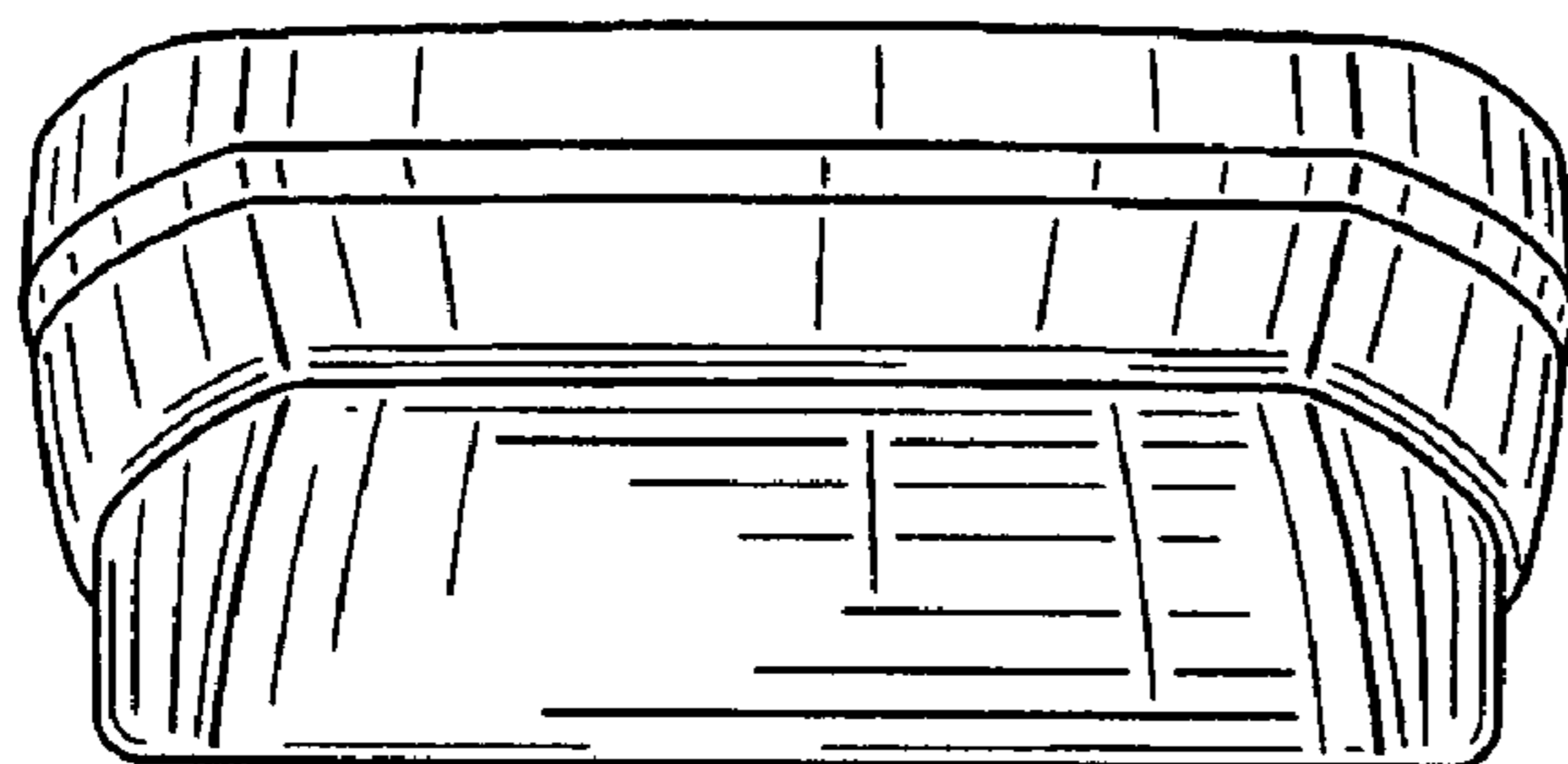


FIG.2



*FIG.3*



*FIG.4*

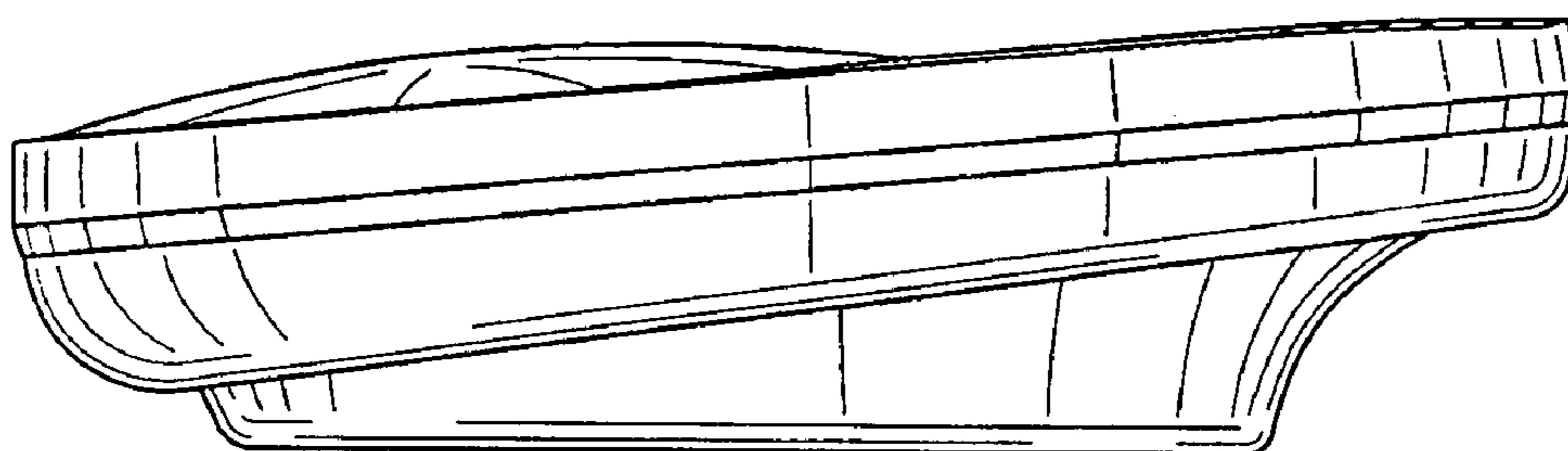


FIG.5

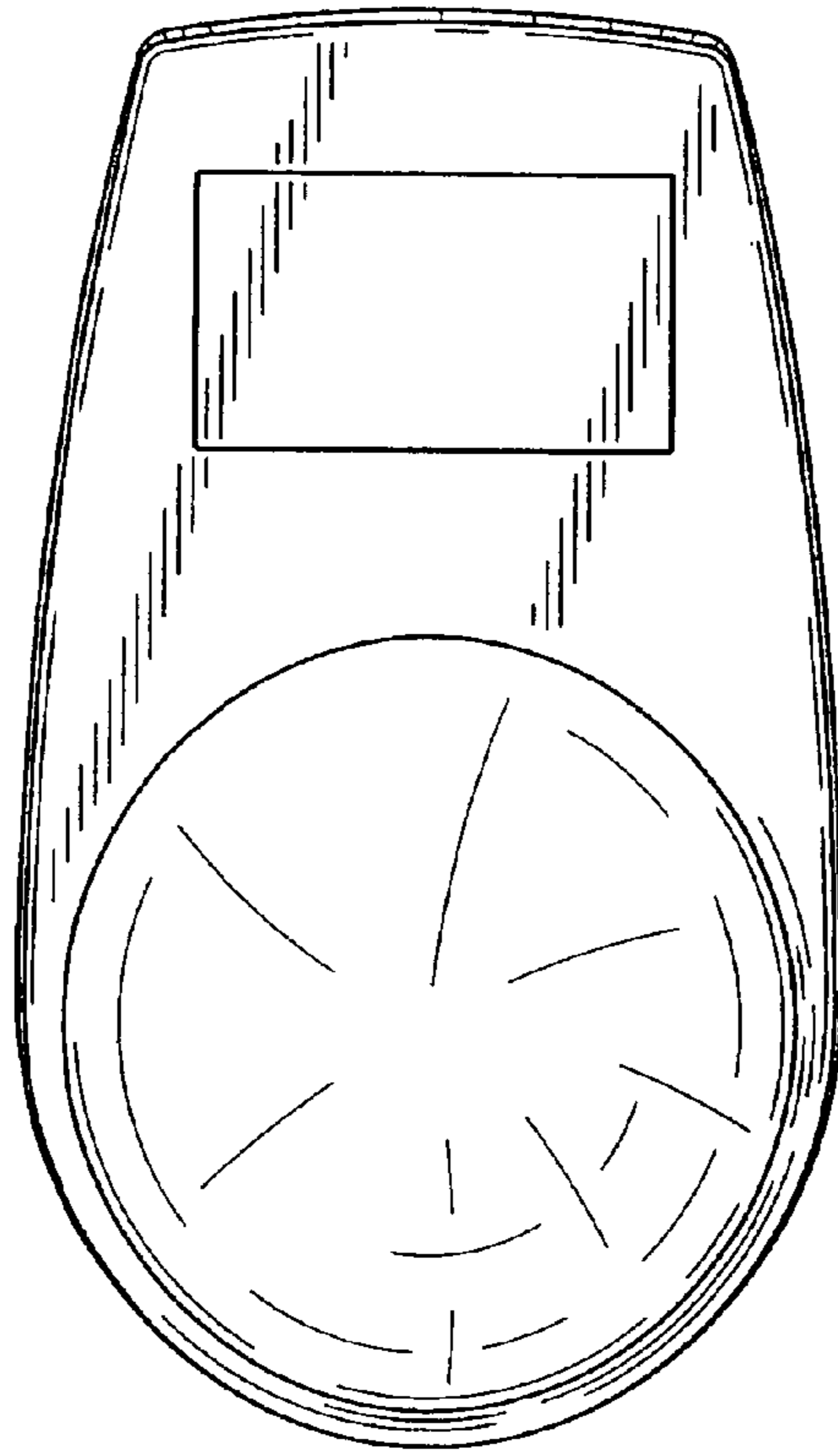


FIG.6

