



US00D469101S

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

(10) **Patent No.:** **US D469,101 S**

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(54) **WINDING KEYBOARD**

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

(21) Appl. No.: **29/161,597**

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(51) **LOC (7) Cl.** ..... **14-02**

(52) **U.S. Cl.** ..... **D14/455; D14/392**

(58) **Field of Search** ..... D14/396, 398,  
D14/393, 331, 320, 455, 392; 361/680-683,  
686, 687; 345/169; 29/622; 708/138, 141;  
364/708.1, 709.11, 709.12, 709.02; 341/22

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D281,689 S	*	12/1985	Peroni	.....	D14/392
D332,948 S	*	2/1993	Barr	.....	D14/392
5,764,474 A	*	6/1998	Youens	.....	361/680
5,786,983 A	*	7/1998	Brenner et al.	.....	361/680
5,808,922 A	*	9/1998	Martinez et al.	.....	364/709.11

D416,008 S	*	11/1999	Robinson et al.	.....	D14/396
D420,655 S	*	2/2000	Louis et al.	.....	D14/396
6,052,071 A	*	4/2000	Crowley et al.	.....	341/22
6,144,554 A	*	11/2000	Mok	.....	361/687
6,265,993 B1	*	7/2001	Johnson	.....	341/22

\* cited by examiner

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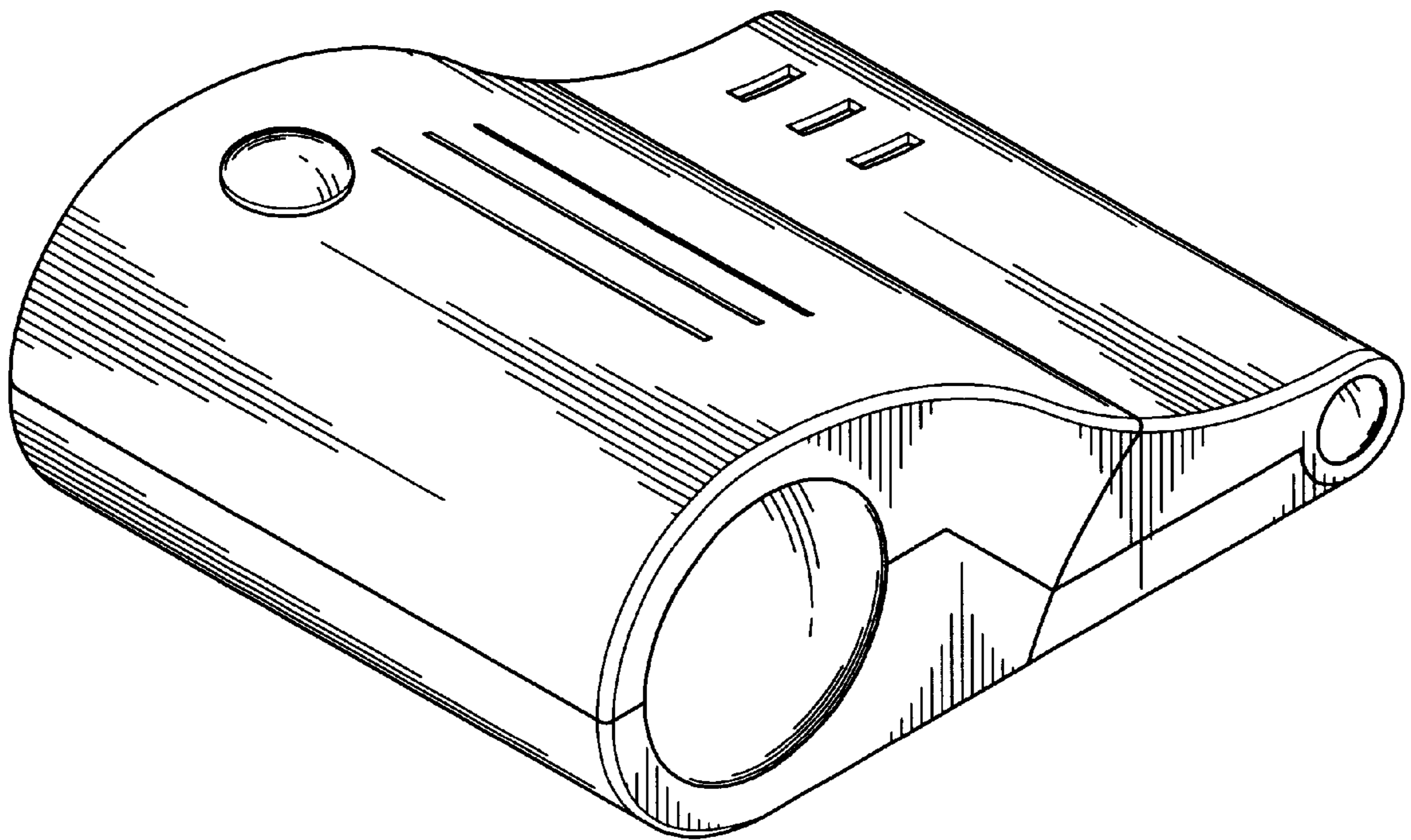
(57) **CLAIM**

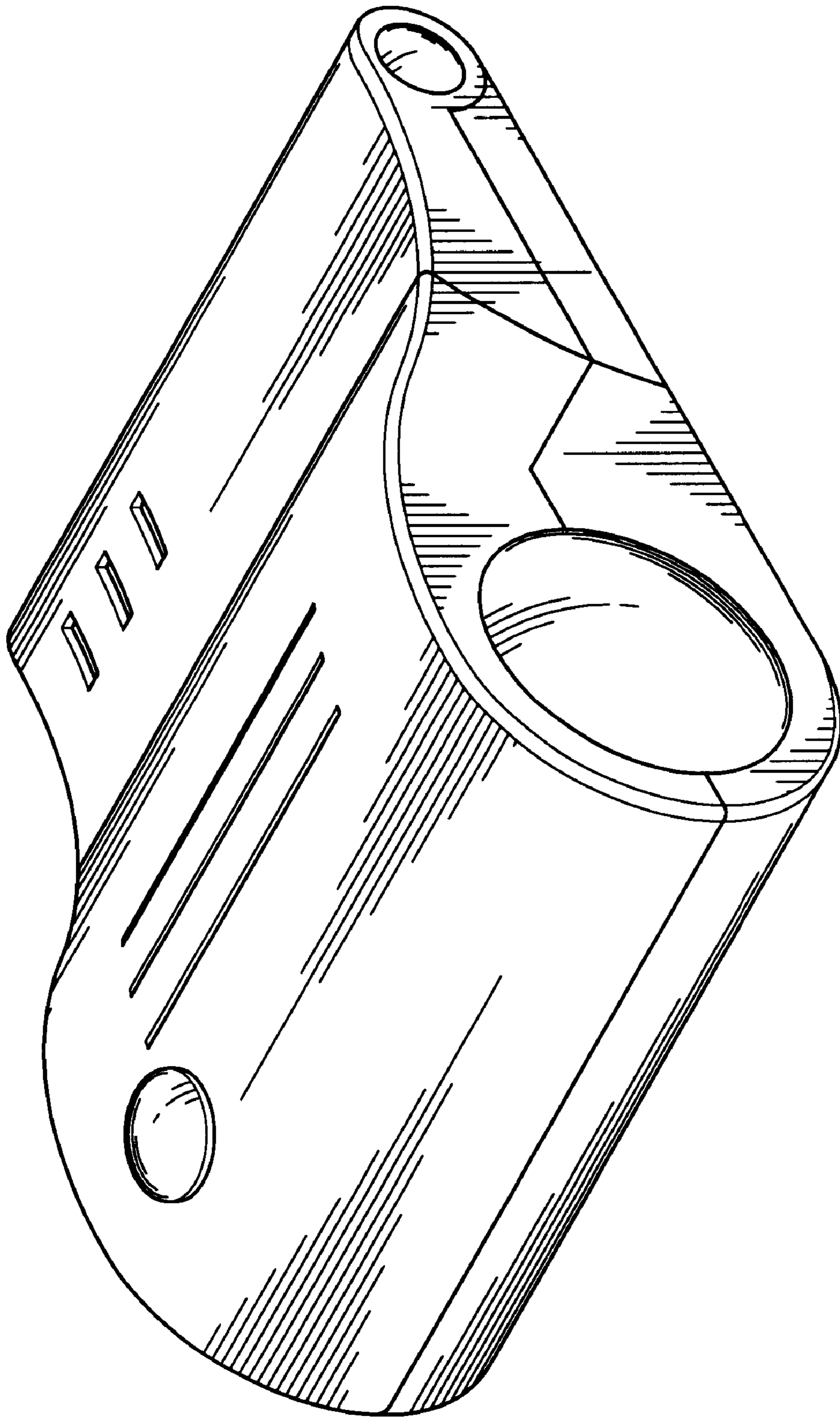
The ornamental design for a “winding keyboard”, as shown and described.

**DESCRIPTION**

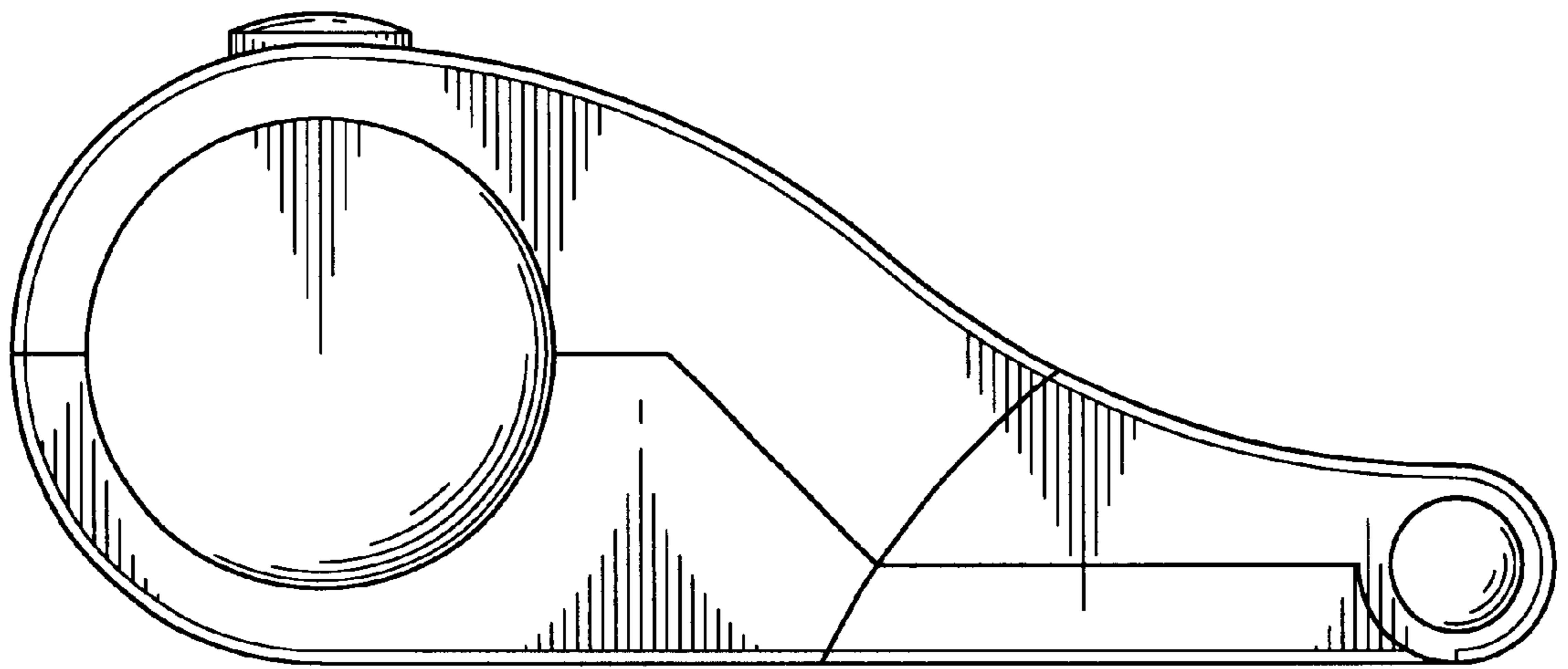
FIG. 1 is a perspective view of a “winding keyboard” showing my new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a left side view thereof;  
FIG. 5 is a right side view thereof;  
FIG. 6 is a top view thereof; and,  
FIG. 7 is a bottom view thereof.

**1 Claim, 4 Drawing Sheets**

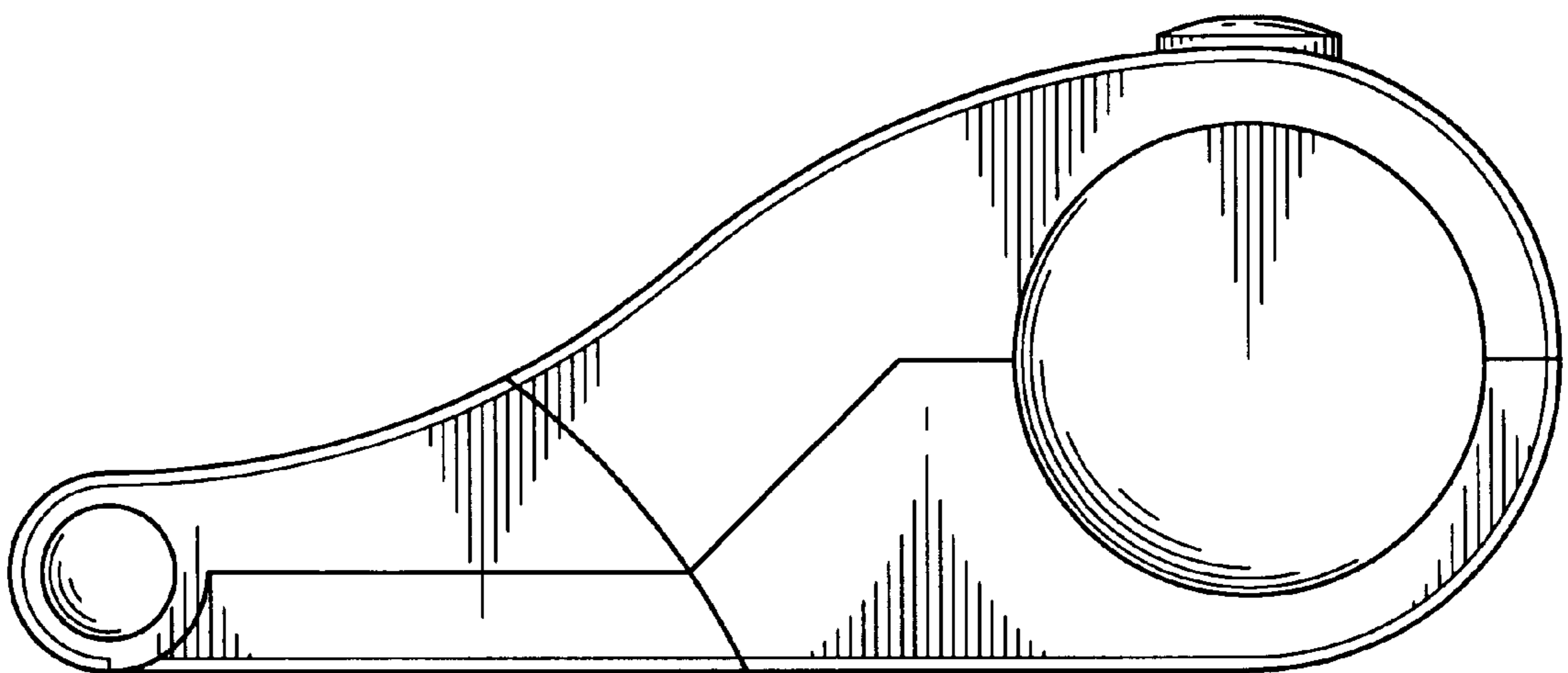




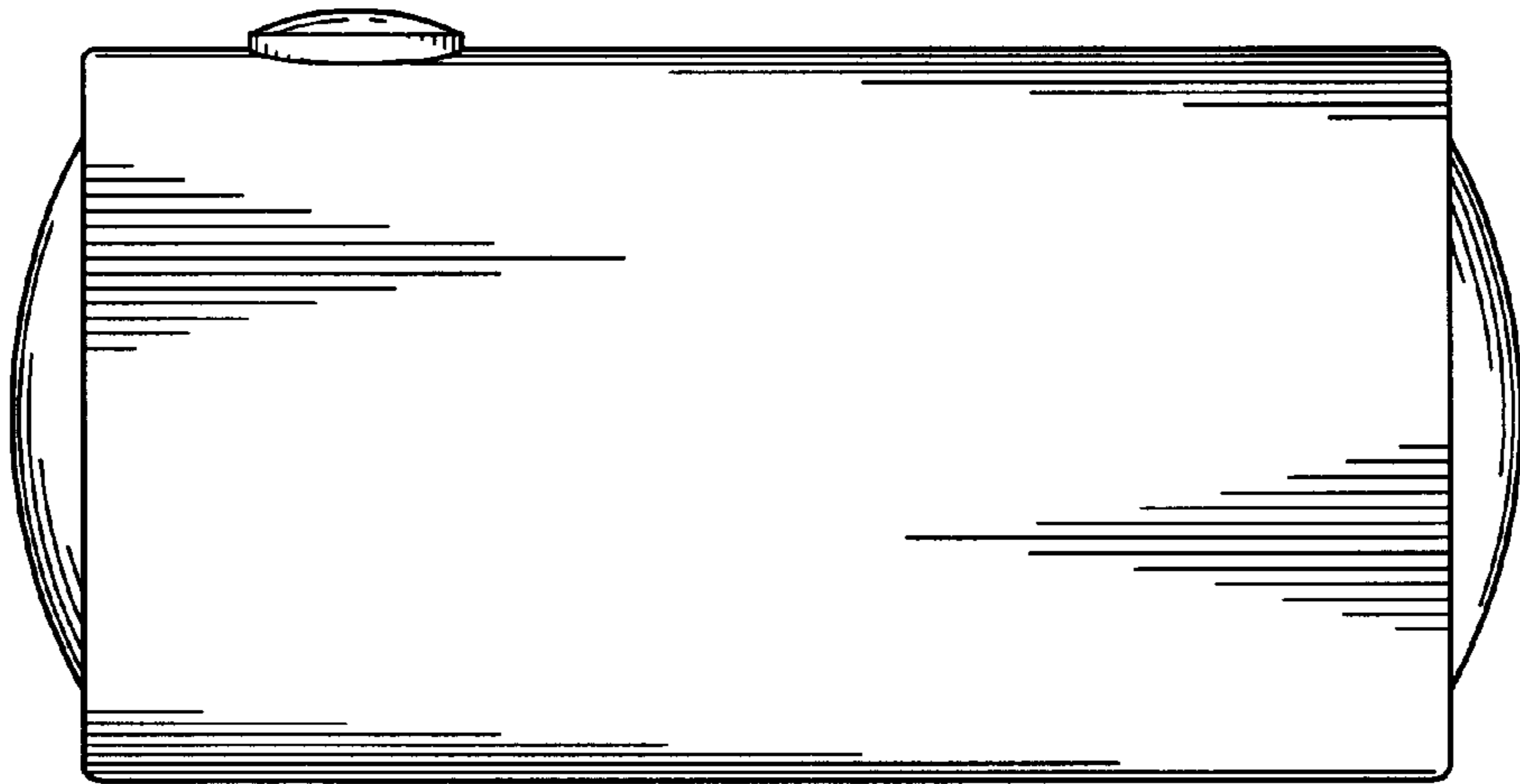
**FIG. 1**



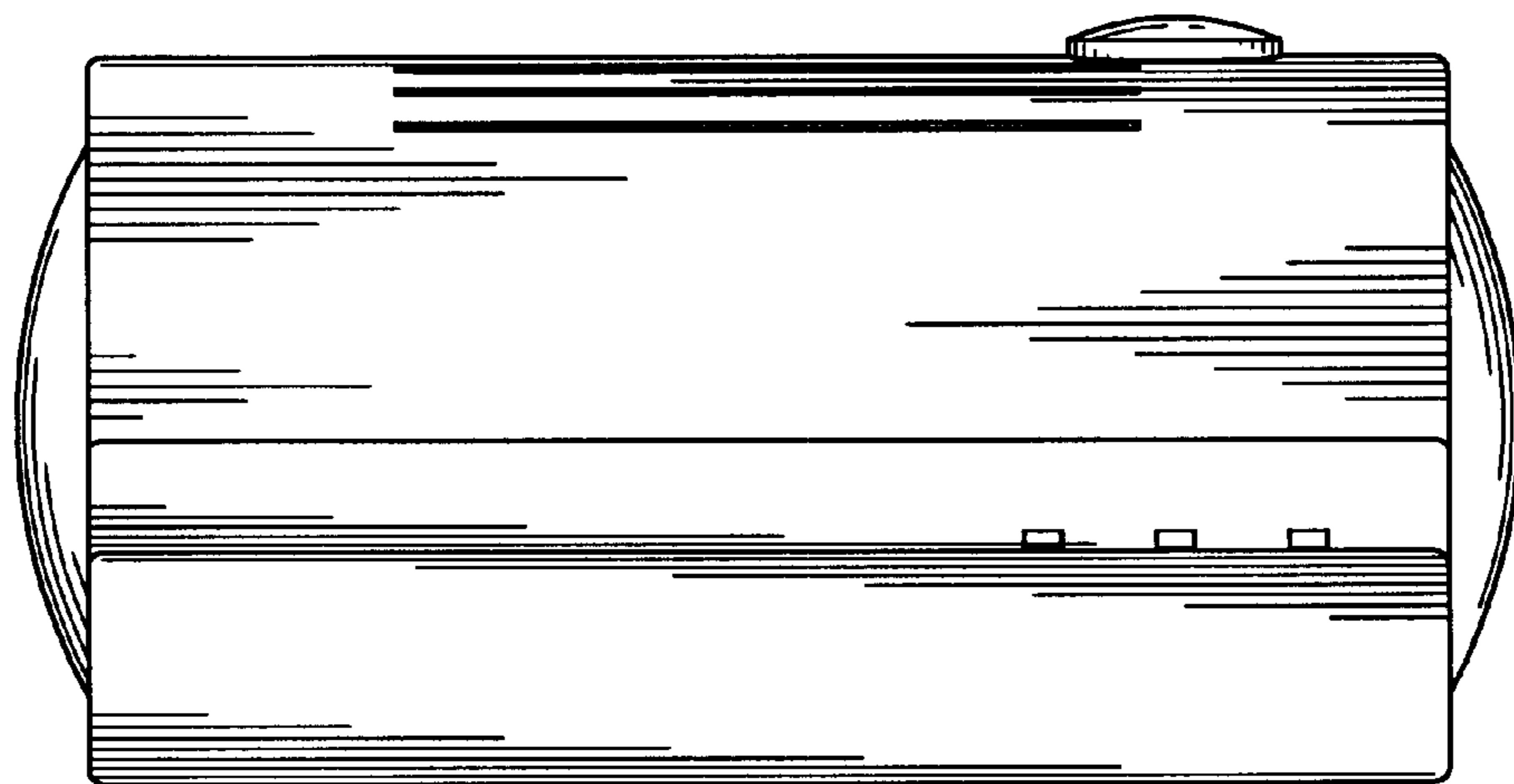
**FIG. 2**



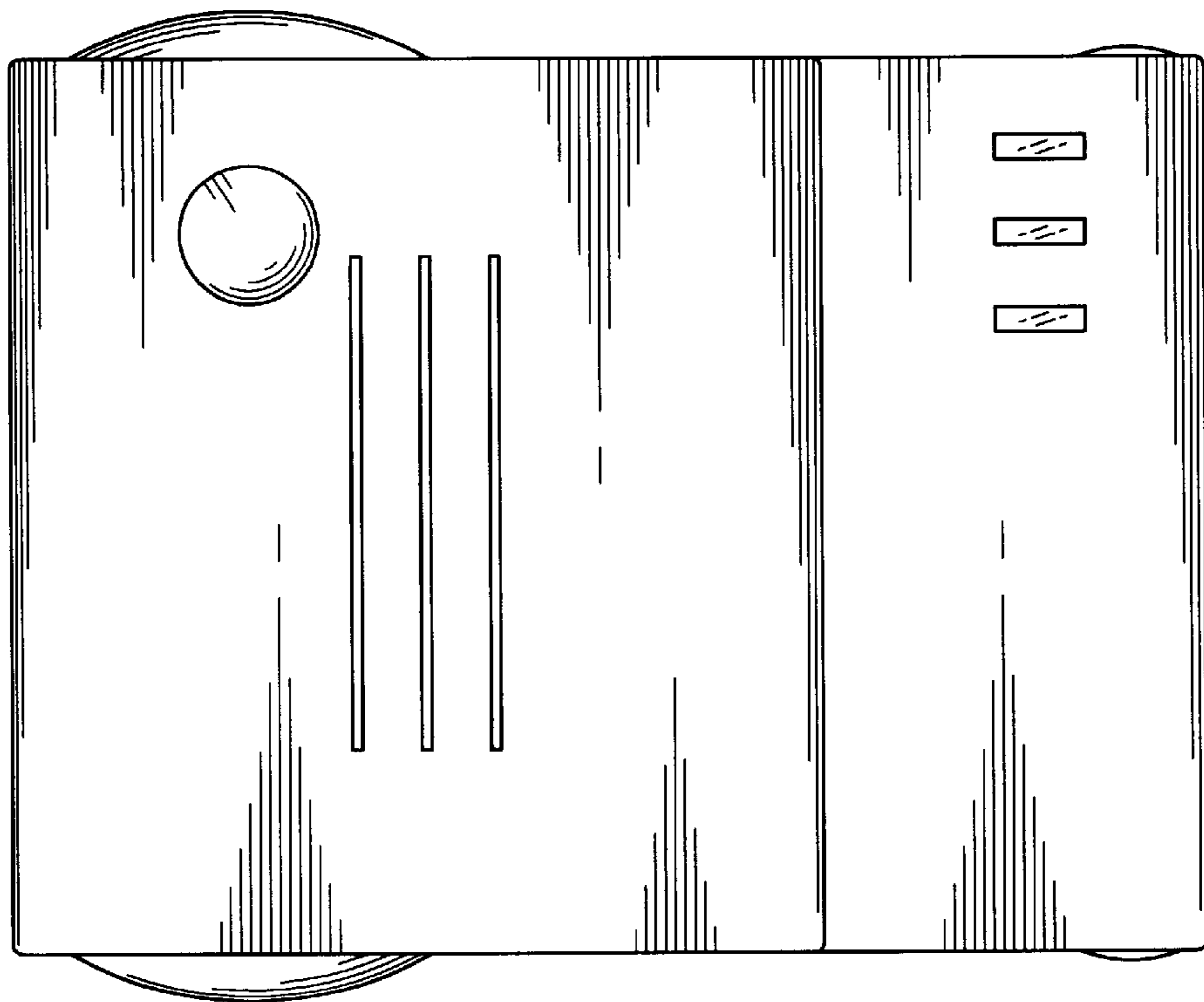
**FIG. 3**



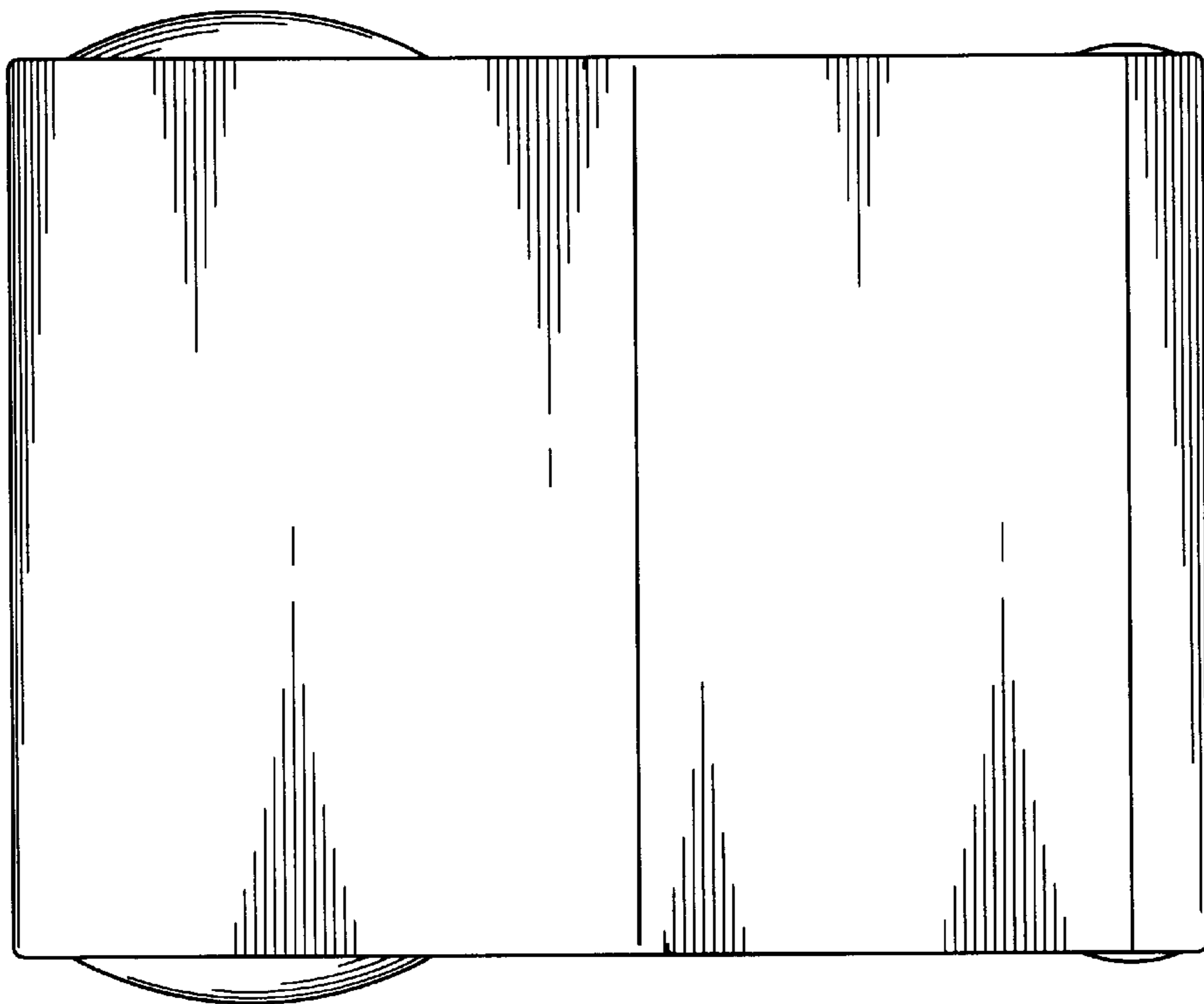
**FIG. 4**



**FIG. 5**



**FIG. 6**



**FIG. 7**