



US00D451369B1

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

(10) **Patent No.:** **US D451,369 S**

(45) **Date of Patent:** **** Dec. 4, 2001**

(54) **CORD TIGHTENING DEVICE**

4,622,723 * 11/1986 Krauss 24/115 G
6,185,798 * 2/2001 Ton 24/712.1

(75) Inventor: **Koji Murata, Lille (FR)**

* cited by examiner

(73) Assignee: **YKK Corporation, Tokyo (JP)**

Primary Examiner—Alan P. Douglas

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

Assistant Examiner—Clare E. Heflin

(74) *Attorney, Agent, or Firm*—Jacobson Holman, PLLC

(21) Appl. No.: **29/139,691**

(57) **CLAIM**

(22) Filed: **Apr. 5, 2001**

The ornamental design for a cord tightening device, as shown and described.

(30) **Foreign Application Priority Data**

DESCRIPTION

Oct. 5, 2000 (FR) 00 5756

(51) **LOC (7) Cl.** **08-08**

(52) **U.S. Cl.** **D8/383**

(58) **Field of Search** D8/382, 383, 356,
D8/394, 395; D11/200, 212, 213, 214, 215,
220, 222; D2/978; 24/115 G, 115 H, 115 M,
115 R, 136 A, 136 R, 265 CD

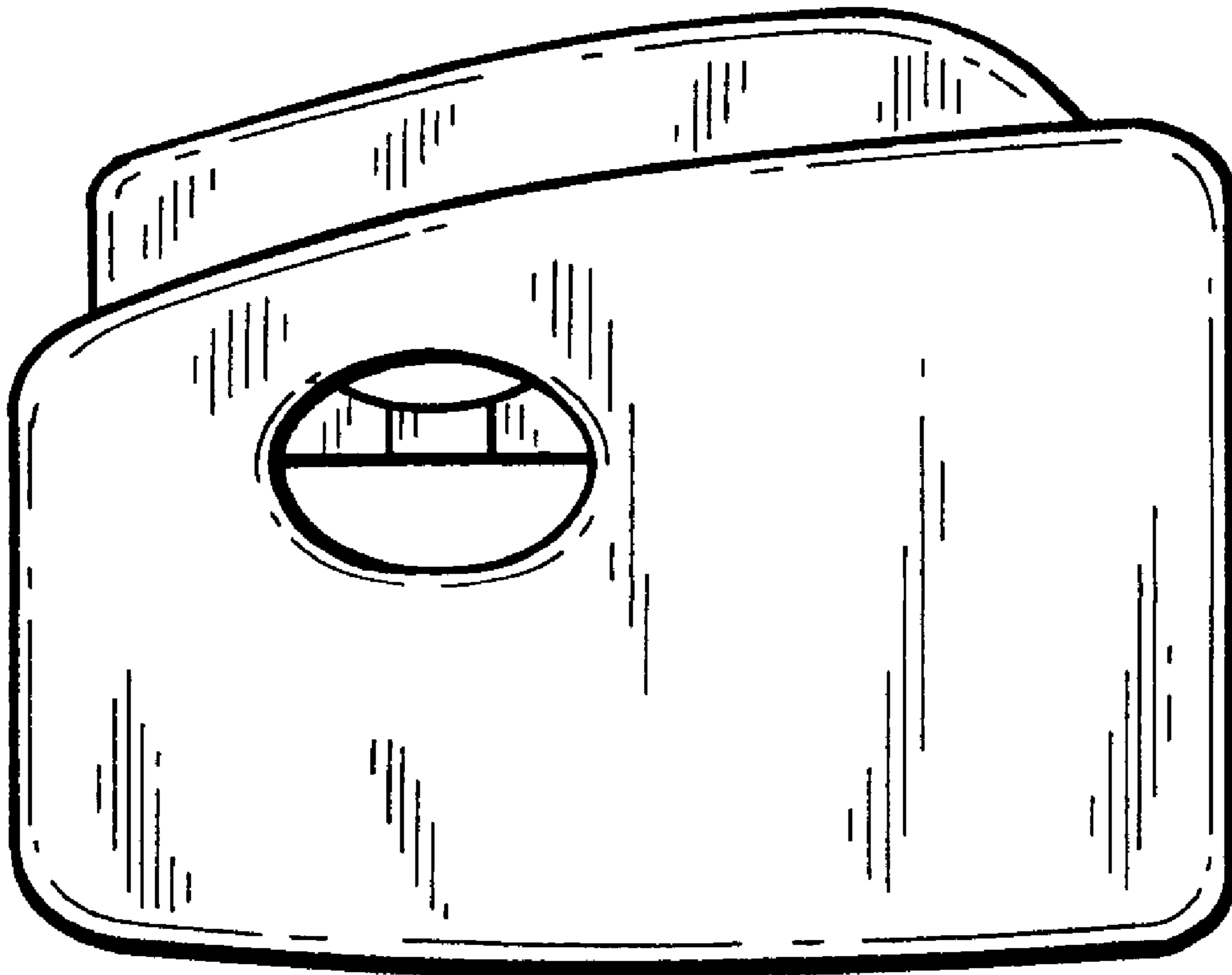
FIG. 1 is a front perspective view showing my new design for a cord tightening device,
FIG. 2 is a rear view thereof;
FIG. 3 is a front perspective view showing a movable member in a projected position;
FIG. 4 is a rear view thereof;
FIG. 5 is a right side view of the embodiment shown in FIGS. 1 and 2;
FIG. 6 is a left side view thereof;
FIG. 7 is a top view thereof; and,
FIG. 8 is a bottom view thereof.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D. 247,345 * 2/1978 Mulholland D8/383
D. 373,076 * 8/1996 Ikeda D8/383
D. 430,484 * 9/2000 Ikeda D8/383

1 Claim, 2 Drawing Sheets



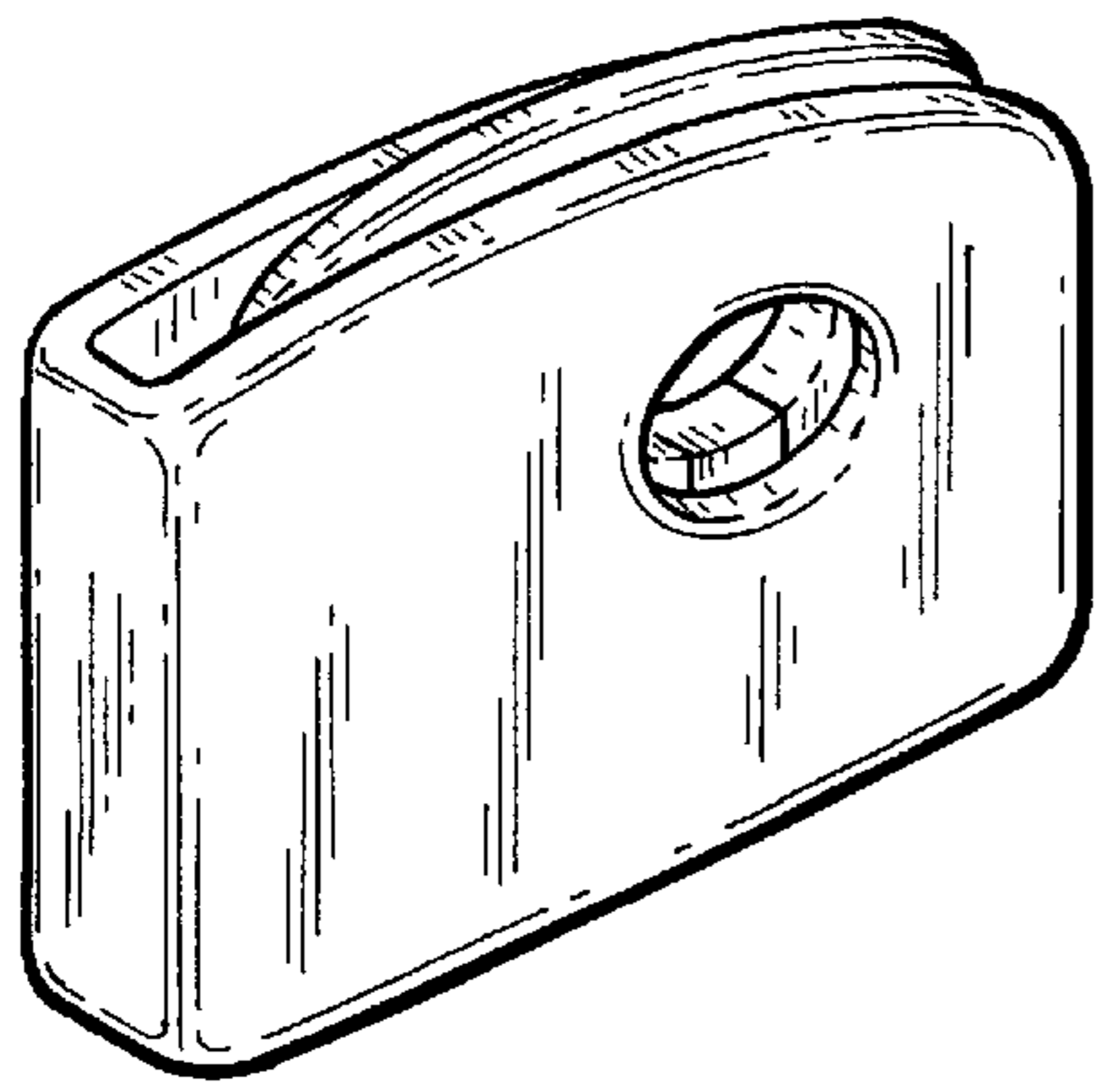


FIG. 1

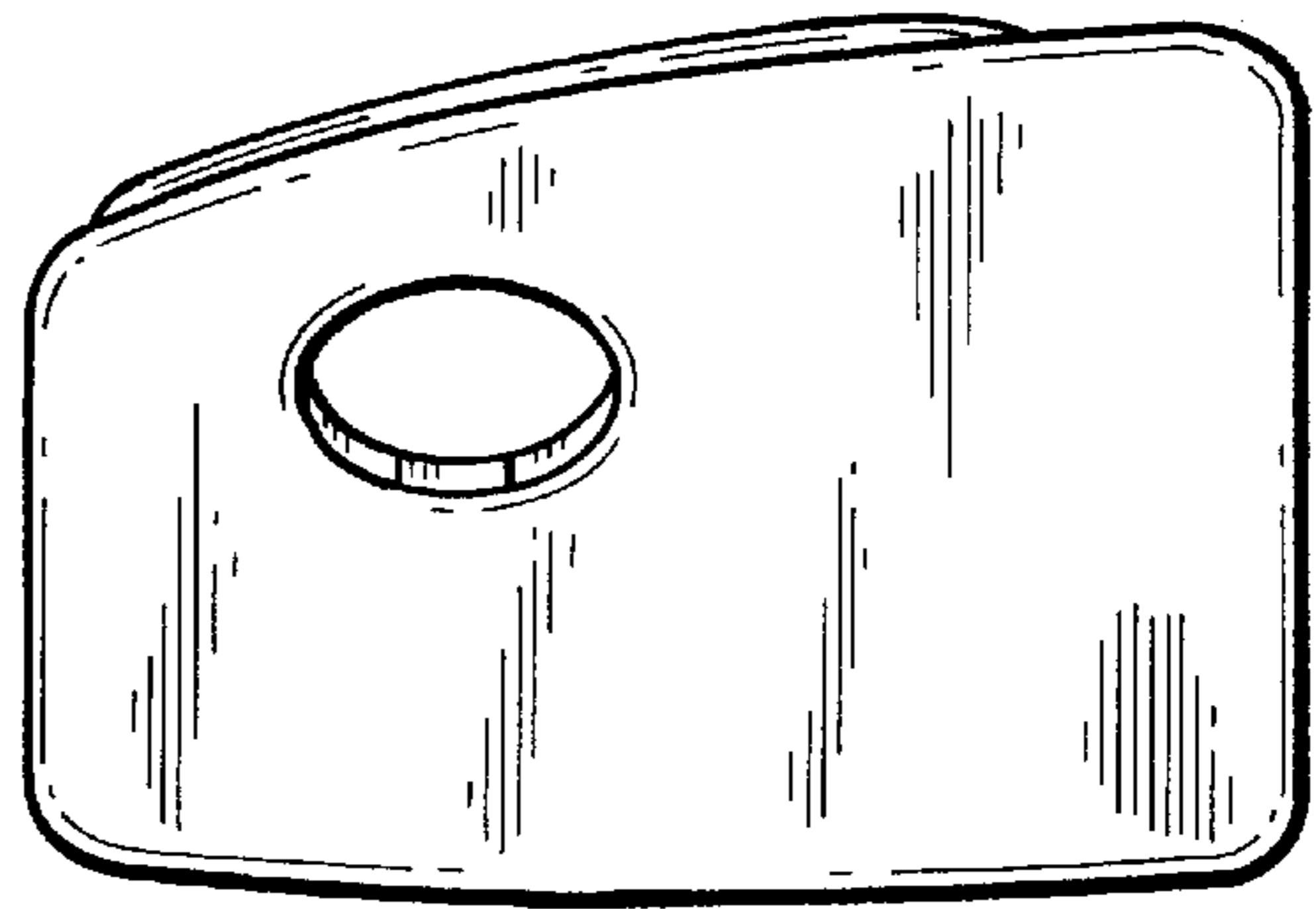


FIG. 2

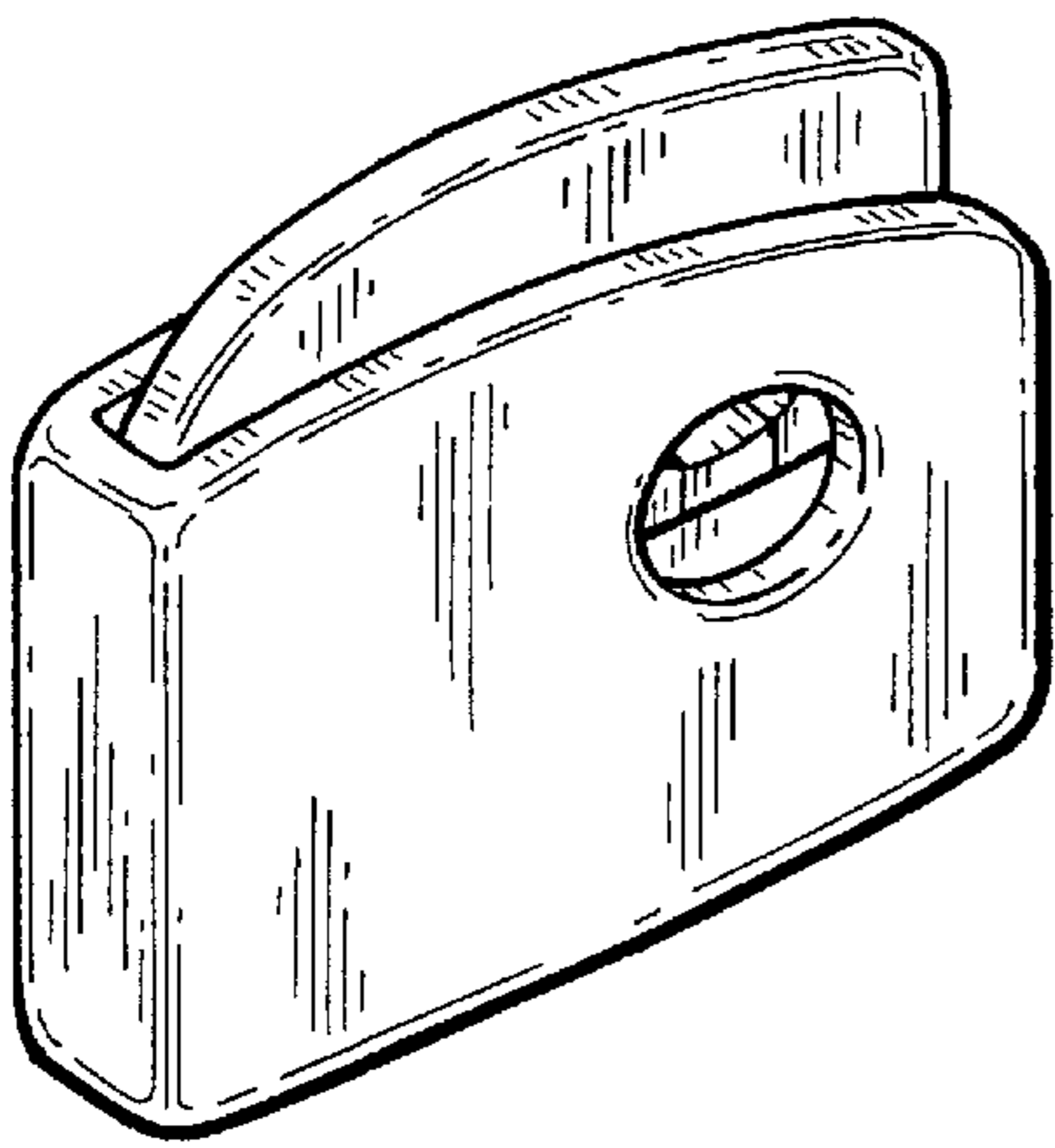


FIG. 3

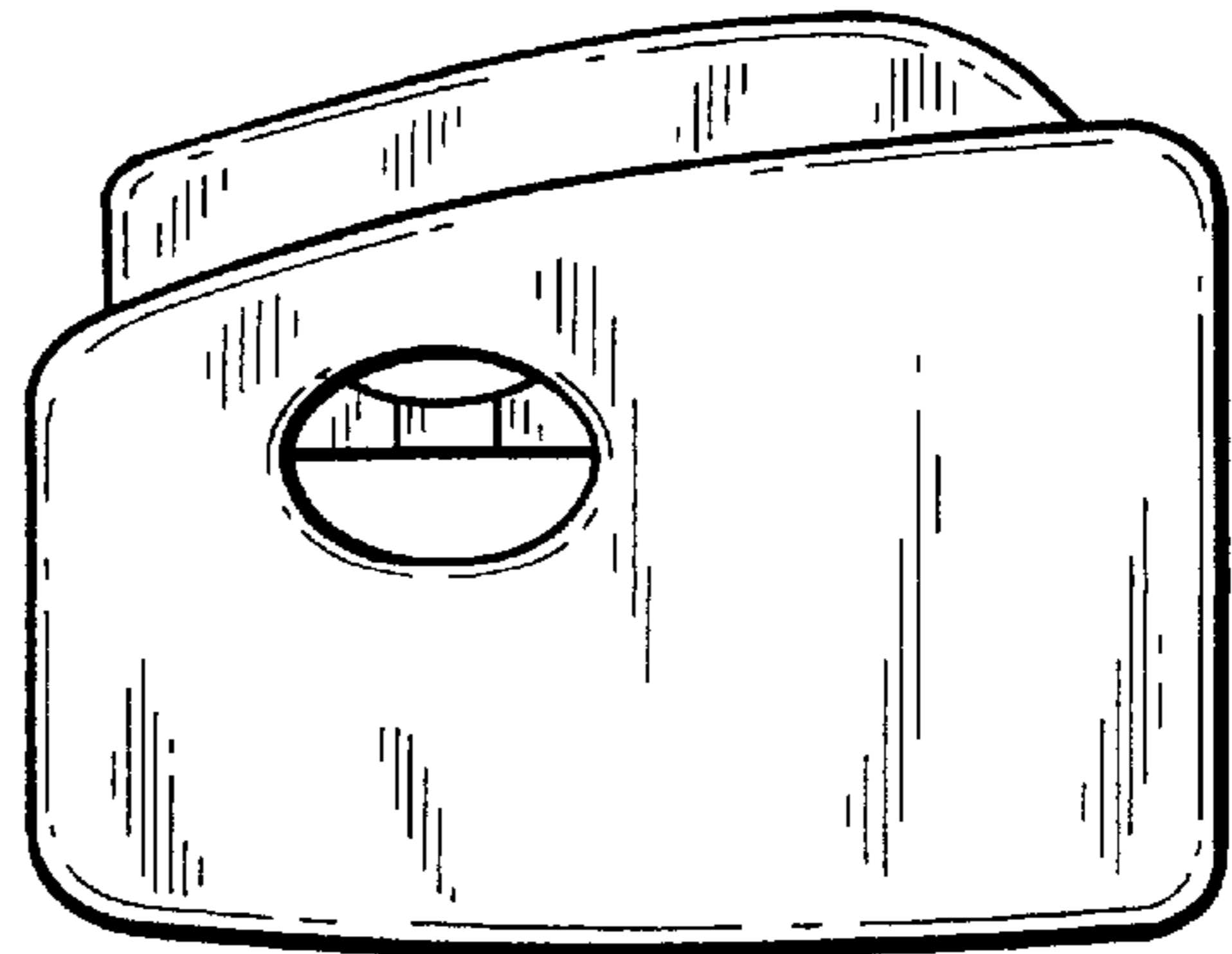


FIG. 4



FIG. 5



FIG. 6

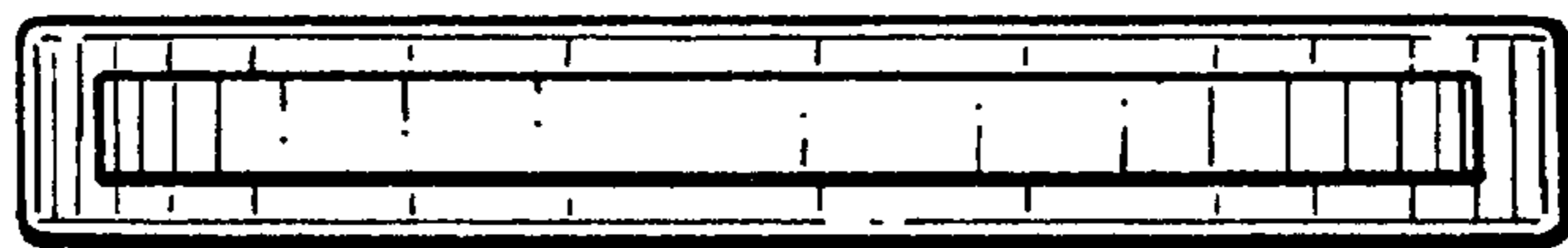


FIG. 7

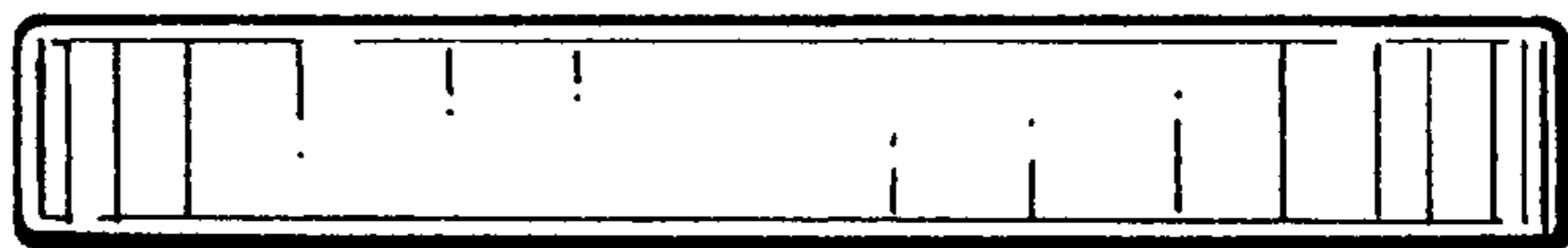


FIG. 8