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# United States Patent [19]

Robertson et al.

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## [54] ELECTRONIC TRAILER BRAKE CONTROLLER

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[73] Assignee: **Hayes Lemmerz International, Inc.**, Romulus, Mich.

[\*\*] Term: **14 Years**

[21] Appl. No.: **79,785**

[22] Filed: **Nov. 25, 1997**

[51] LOC (6) Cl. .... **13-01**

[52] U.S. Cl. .... **D13/162**

[58] Field of Search ..... D13/162, 164; 188/3 R, 181 R; 303/24.1

### [56] References Cited

#### U.S. PATENT DOCUMENTS

- D. 257,973 1/1981 Reid .
- D. 322,426 12/1991 Austin .
- D. 331,226 11/1992 Austin .
- D. 356,298 3/1995 Austin .
- D. 362,659 9/1995 Hedding et al. .
- D. 378,511 3/1997 Austin .
- 3,953,084 4/1976 Pittet, Jr. et al. .
- 4,030,756 6/1977 Eden ..... 303/24.1
- 5,333,948 8/1994 Austin et al. .

## FOREIGN PATENT DOCUMENTS

S 113096 12/1991 Australia .

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### [57] CLAIM

The ornamental design for an electronic trailer brake controller, as shown and described.

### DESCRIPTION

FIG. 1 is a top view of an electronic trailer brake controller showing our new design;

FIG. 2 is a front view of the brake controller shown in FIG. 1;

FIG. 3 is a bottom view of the brake controller shown in FIG. 1;

FIG. 4 is a rear view of the brake controller shown in FIG. 1;

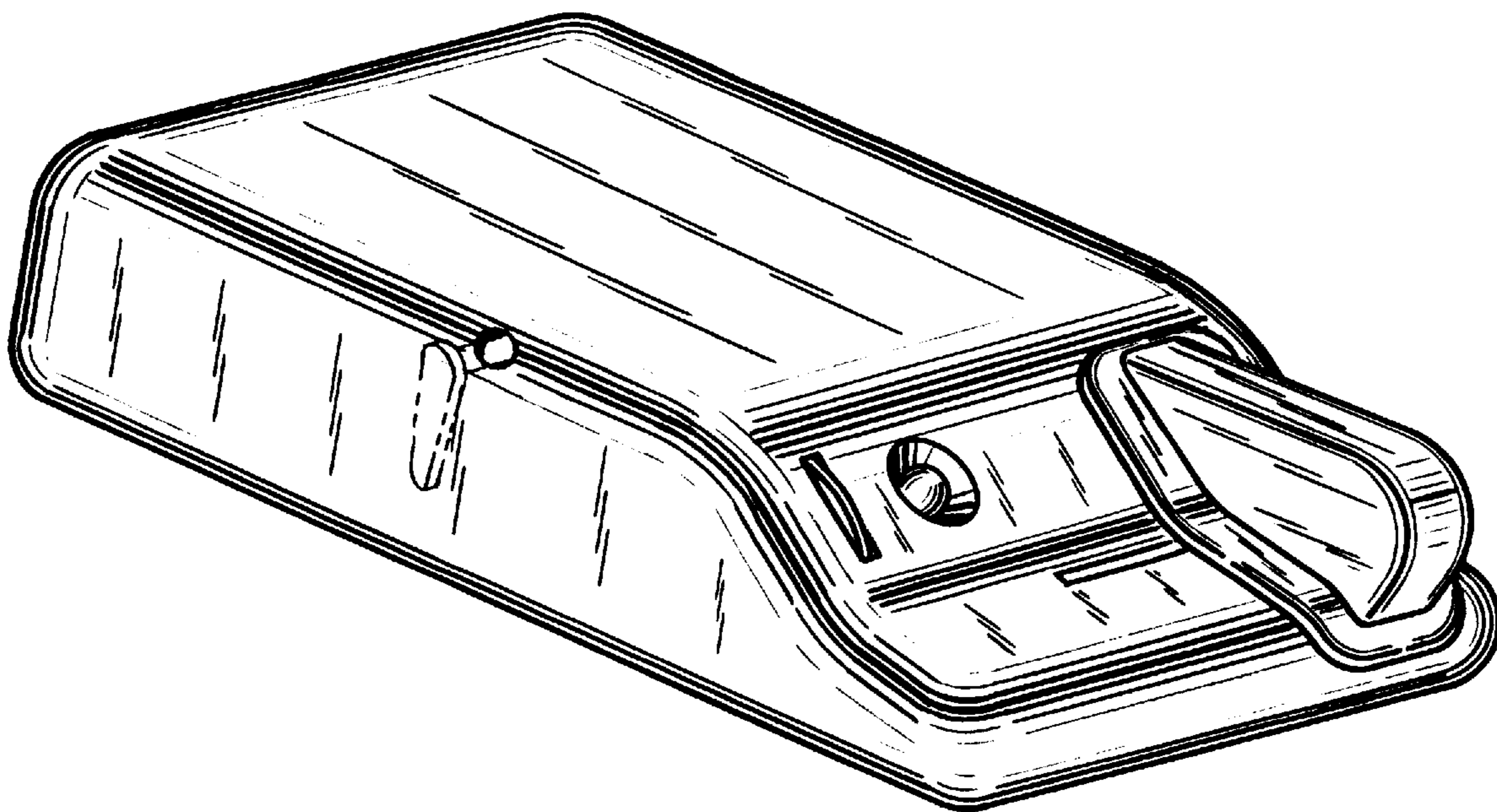
FIG. 5 is a right side view of the brake controller shown in FIG. 1;

FIG. 6 is a left side view of the brake controller shown in FIG. 1;

FIG. 7 is a left front perspective view of the brake controller shown in FIG. 1; and,

FIG. 8 is a left front perspective view of an alternate embodiment of the brake controller shown in FIG. 1.

1 Claim, 4 Drawing Sheets



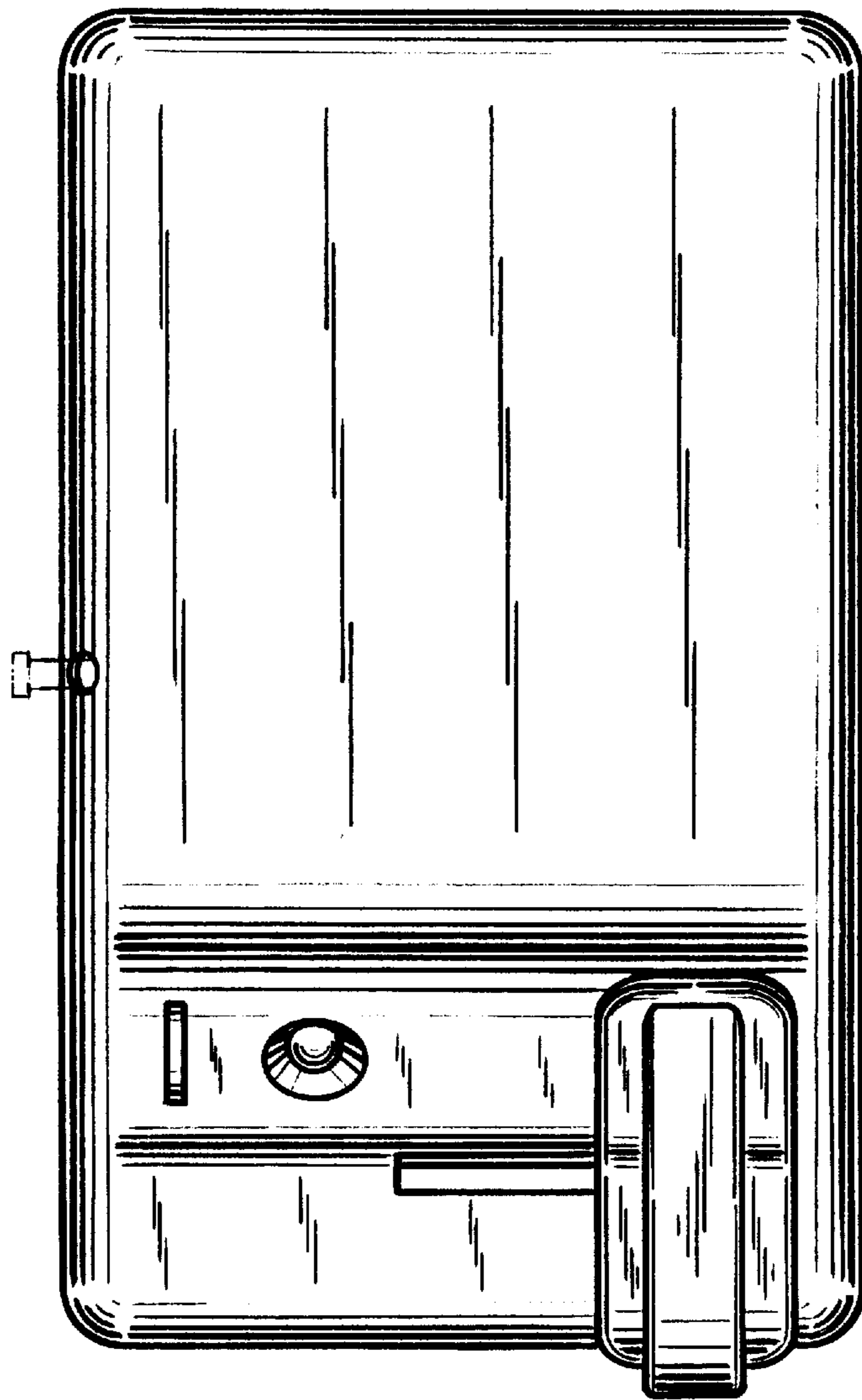


FIG. 1

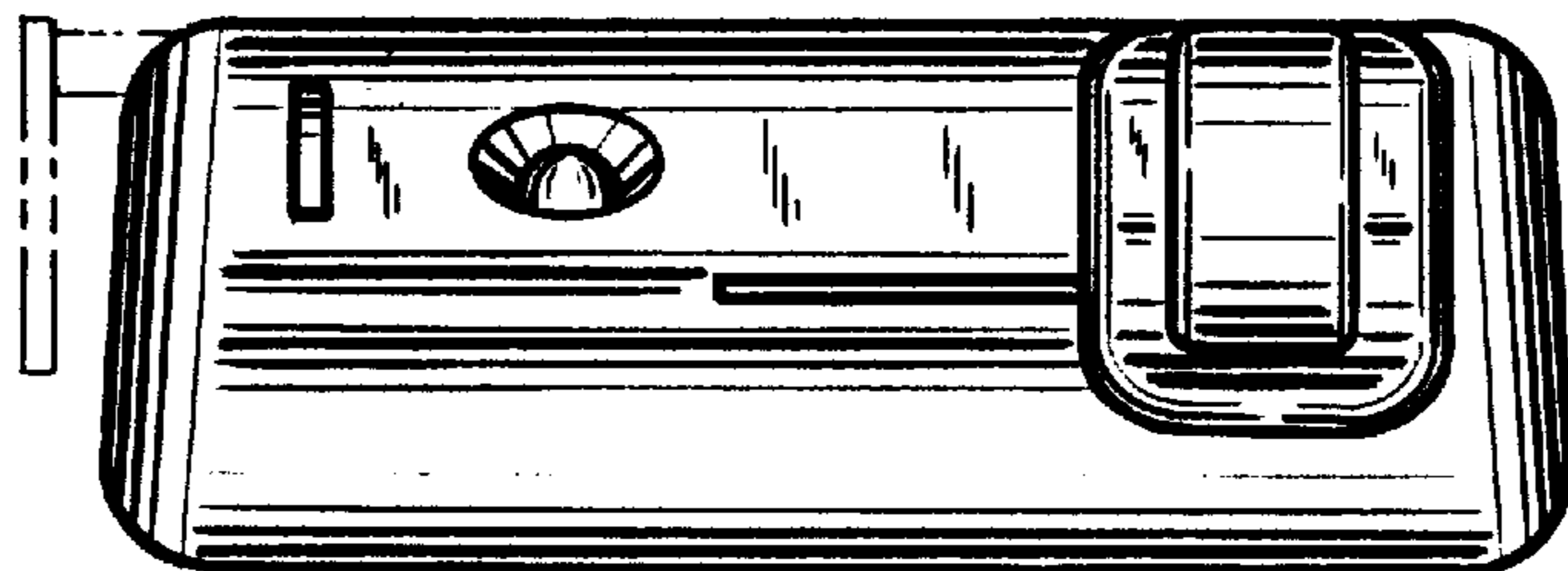


FIG. 2

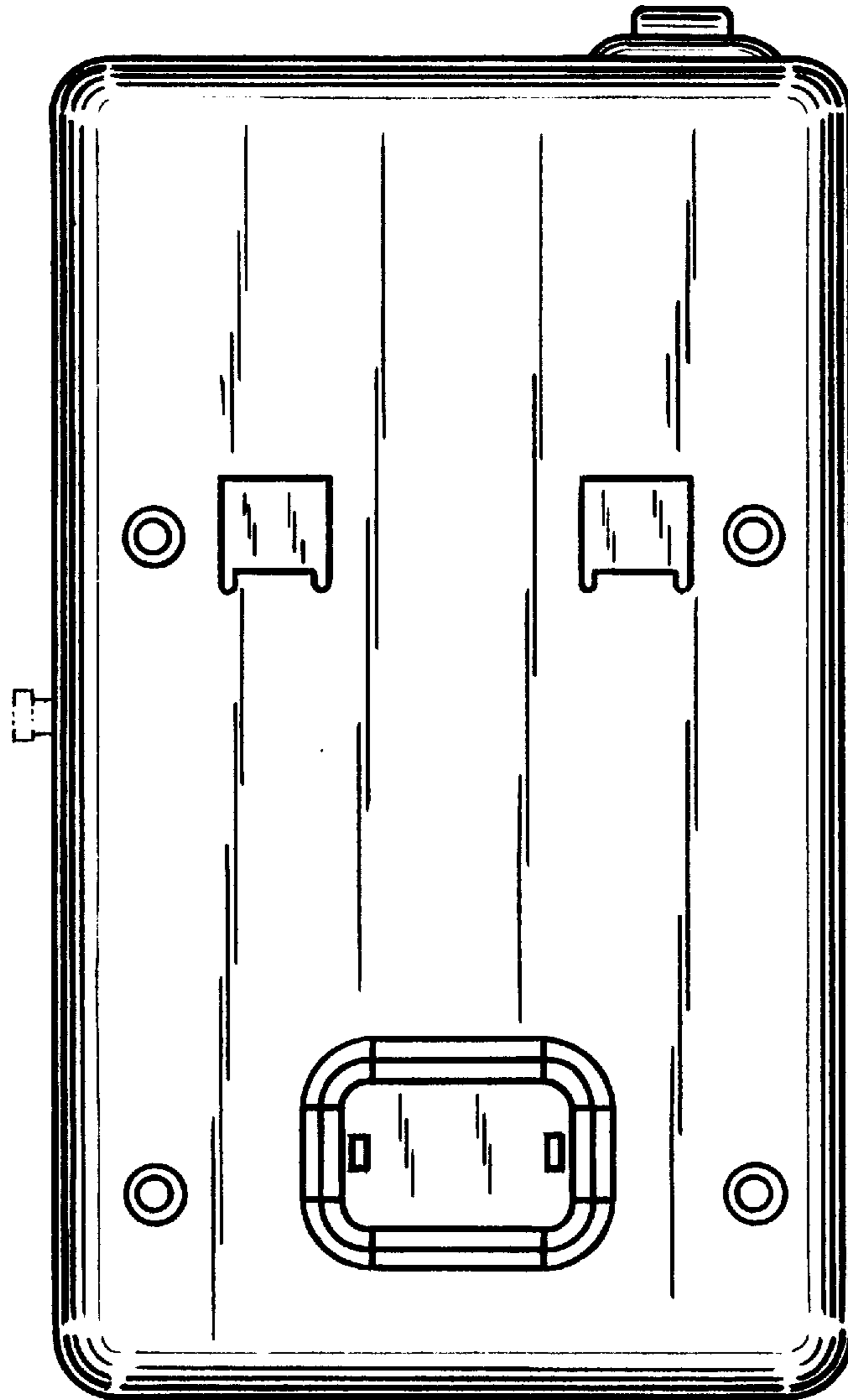


FIG. 3

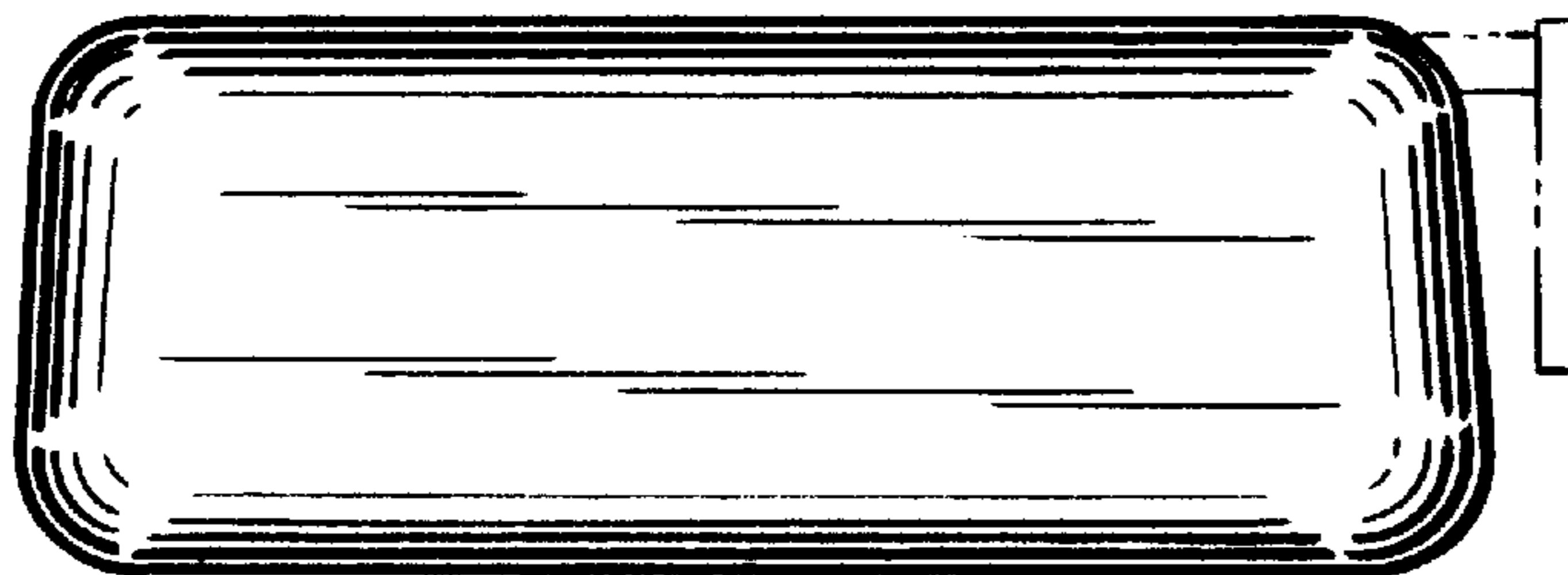


FIG. 4

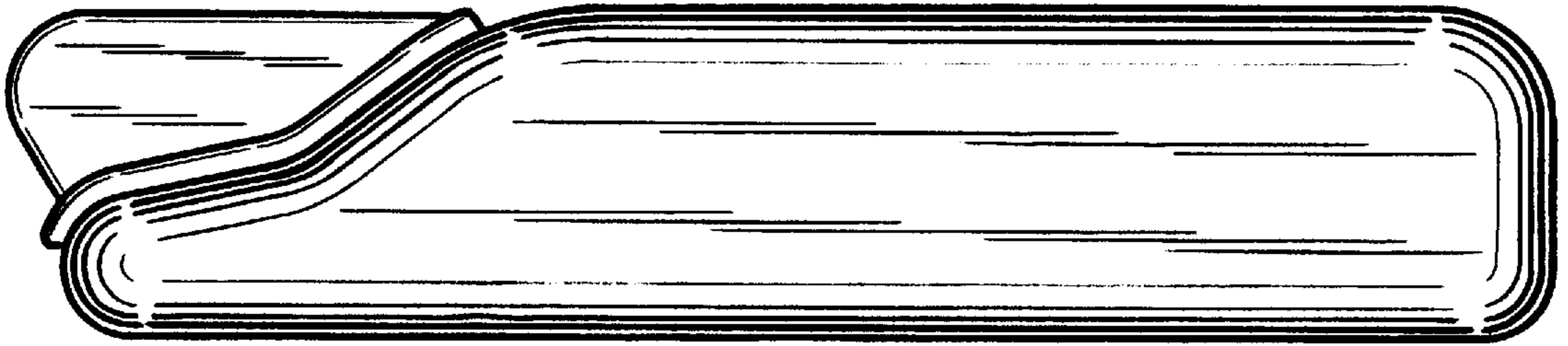


FIG. 5

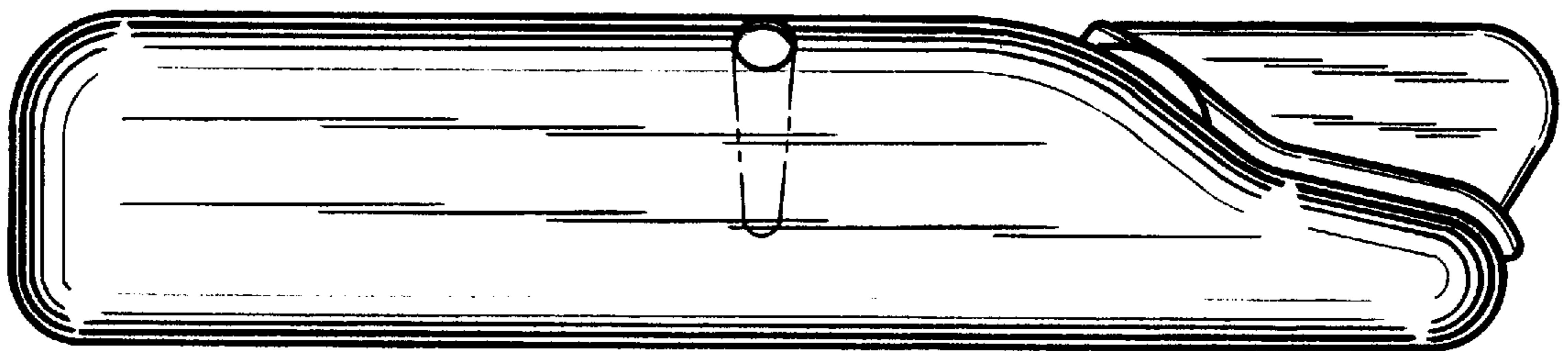


FIG. 6

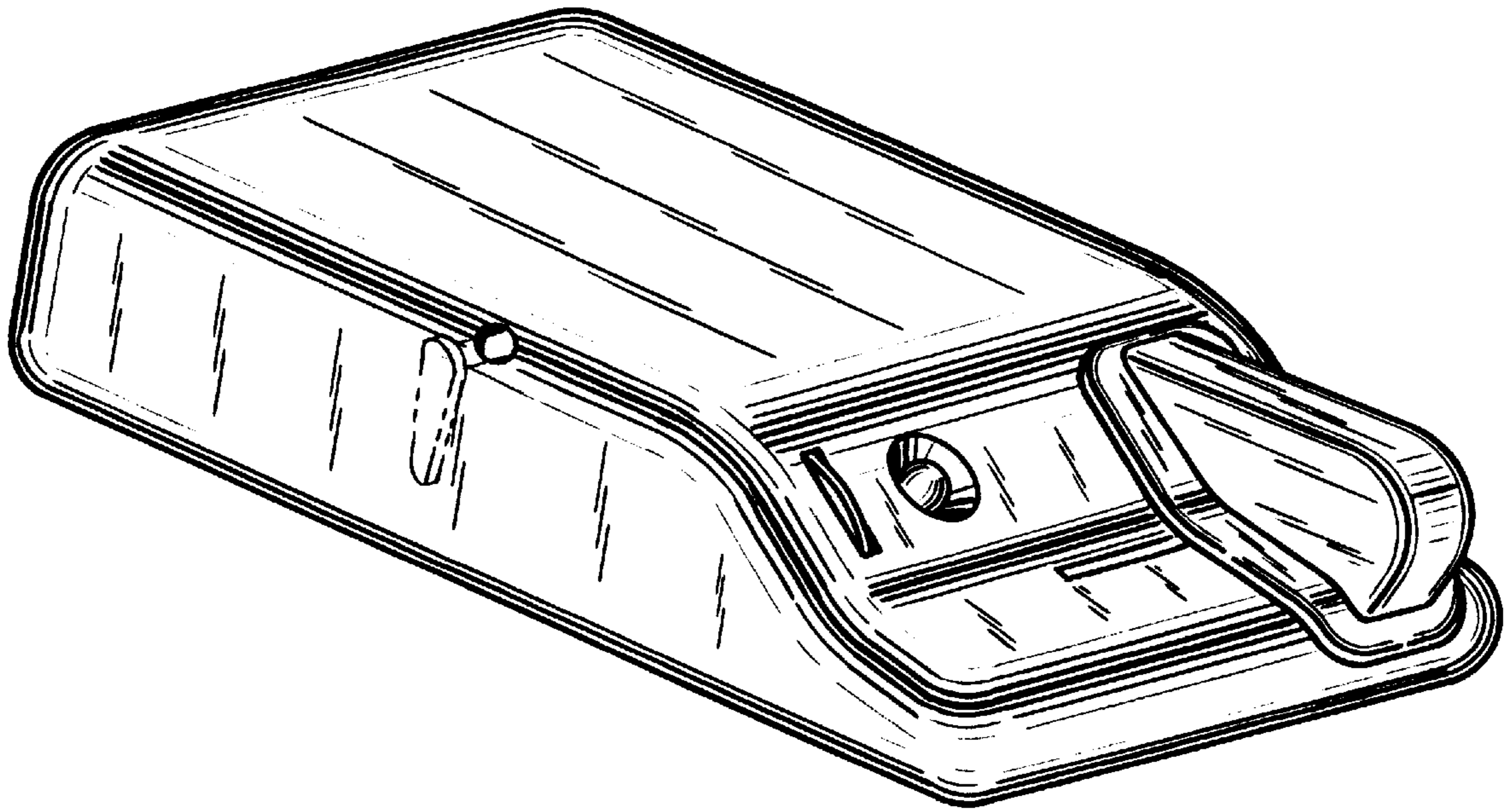


FIG. 7

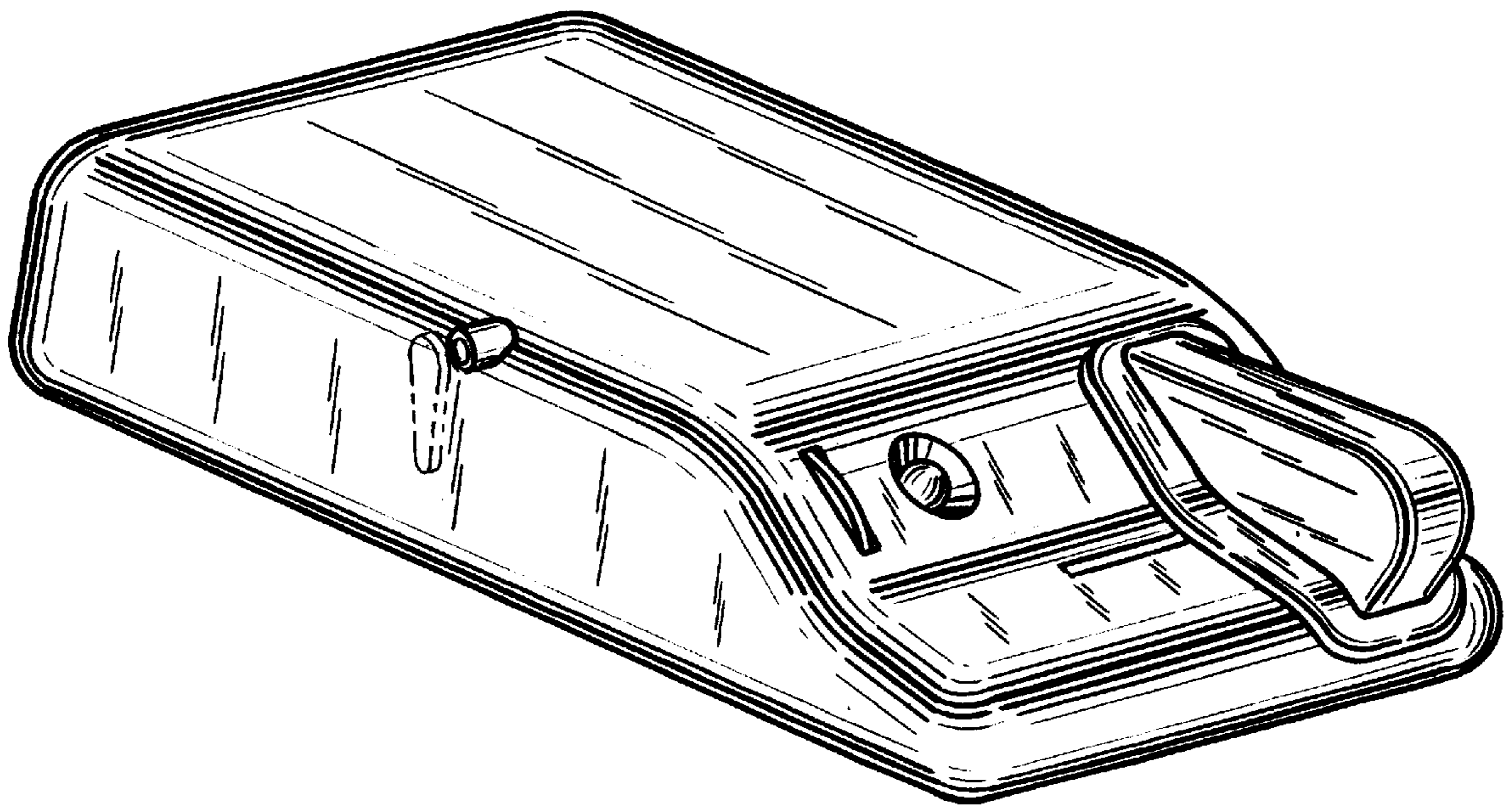


FIG. 8