



US00D476624S

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

(10) **Patent No.:** **US D476,624 S**

(45) **Date of Patent:** **** Jul. 1, 2003**

(54) **LIGHT CONNECTOR WITH A SHUTTER
(DOUBLE HORIZONTAL TYPE)**

(75) Inventors: **Shinji Watanabe**, Tokyo (JP);
Masahiro Yamada, Tokyo (JP)

(73) Assignee: **Honda Tsushin Kogyo Co. Ltd.**, Tokyo
(JP)

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

(21) Appl. No.: **29/147,496**

(22) Filed: **Aug. 29, 2001**

(30) **Foreign Application Priority Data**

Mar. 14, 2001 (JP) 2001-006607

(51) **LOC (7) Cl.** **13-03**

(52) **U.S. Cl.** **D13/133**

(58) **Field of Search** D13/133, 146,
D13/147; 385/53, 73, 76, 77, 88, 92, 93,
139

(56) **References Cited**

U.S. PATENT DOCUMENTS

D203,502 S * 1/1966 Dell et al. D13/147
5,598,495 A * 1/1997 Rittle et al. 385/75
5,896,477 A * 4/1999 Stephenson et al. 385/53
6,076,973 A * 6/2000 Lu 385/53 X

6,079,881 A * 6/2000 Roth 385/76
6,081,647 A * 6/2000 Roth et al. 385/139
6,154,597 A * 11/2000 Roth 385/139
6,340,246 B1 * 1/2002 Yoshida et al. 385/73
6,361,218 B1 * 3/2002 Matasek et al. 385/76 X
6,425,694 B1 * 7/2002 Szilagyi et al. 385/76

* cited by examiner

Primary Examiner—Joel Sincavage

(74) *Attorney, Agent, or Firm*—Leighton K. Chong

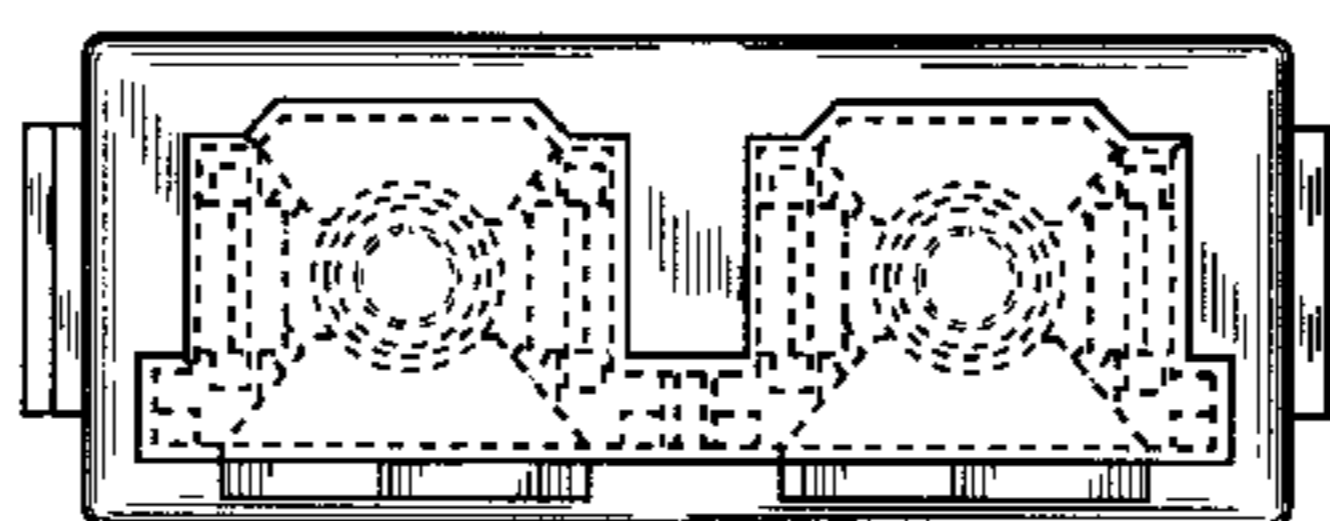
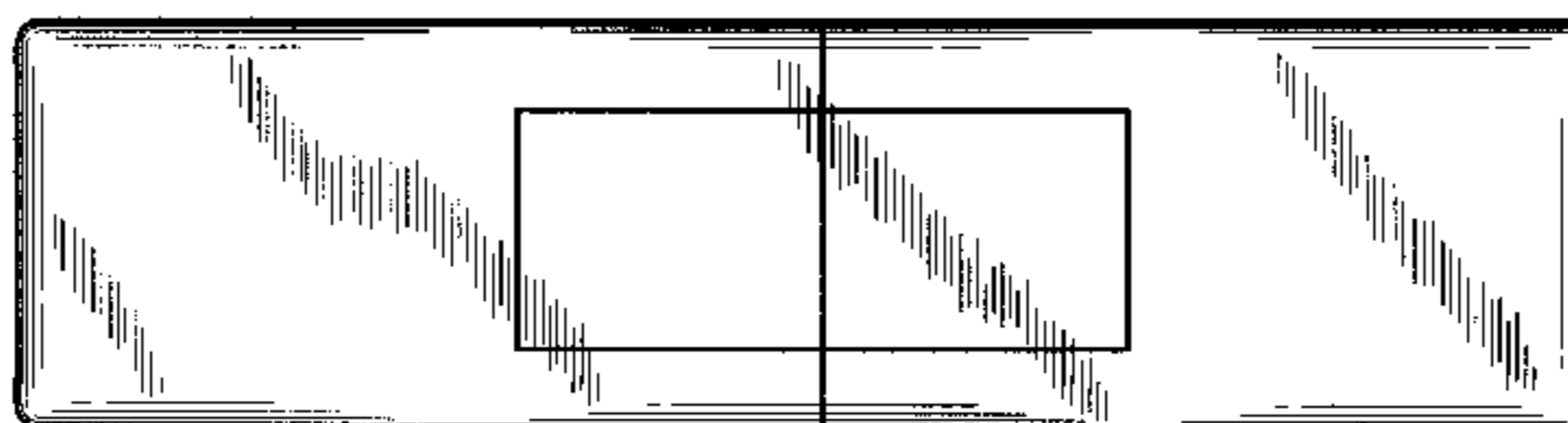
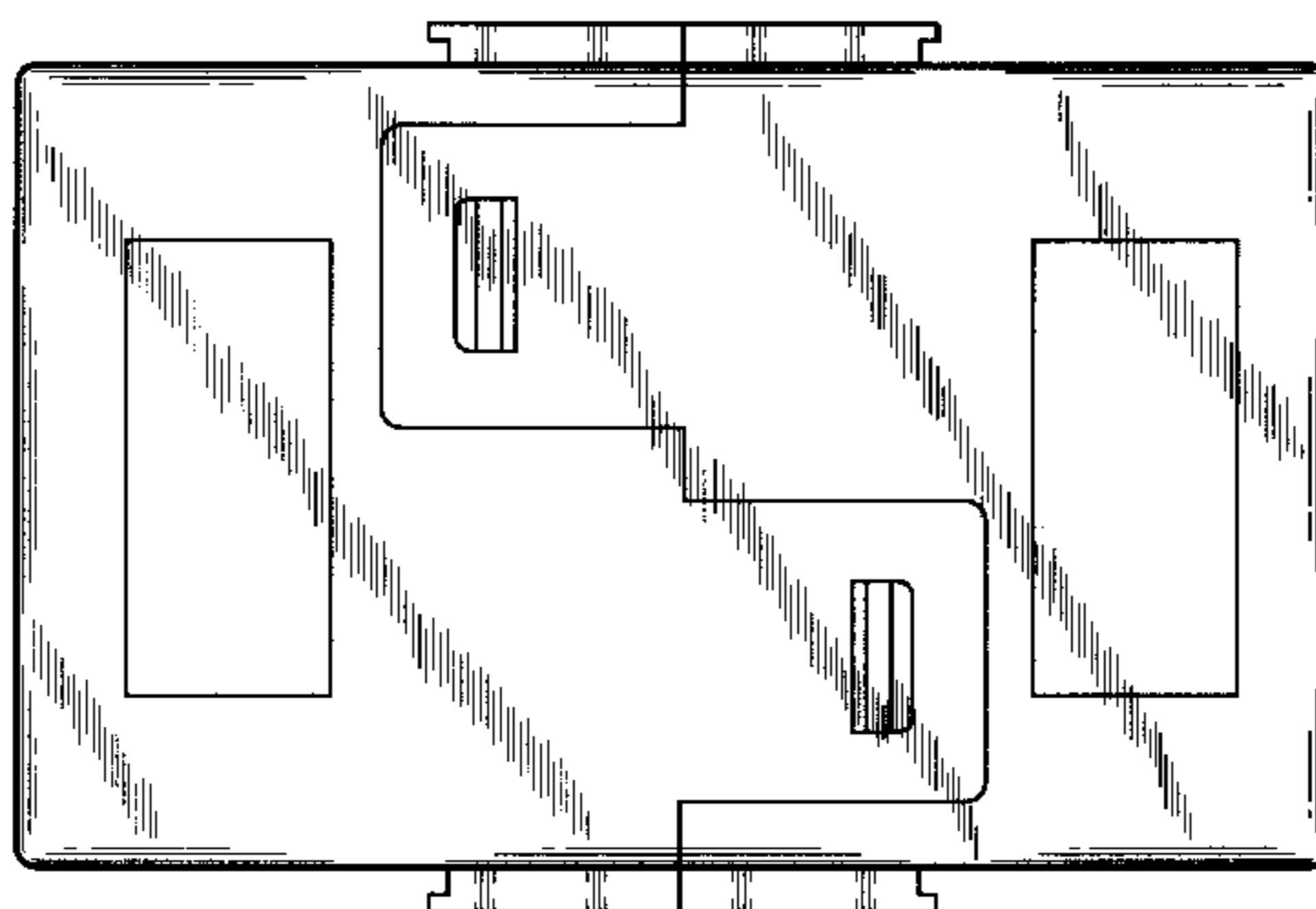
(57) **CLAIM**

The ornamental design for a light connector with a shutter (double horizontal type), as shown and described.

DESCRIPTION

FIG. 1 is a top view of the new design for a light connector with a shutter (double horizontal type);
FIG. 2 is a right side view of the article in FIG. 1;
FIG. 3 is a front end view of the article in FIG. 1 in which the phantom lines indicate internal features that are not part of our design;
FIG. 4 is a back end view of the article in FIG. 1 in which the phantom lines indicate internal features that are not part of our design;
FIG. 5 is a left side view of the article in FIG. 1; and,
FIG. 6 is a bottom view of the article in FIG. 1.

1 Claim, 3 Drawing Sheets



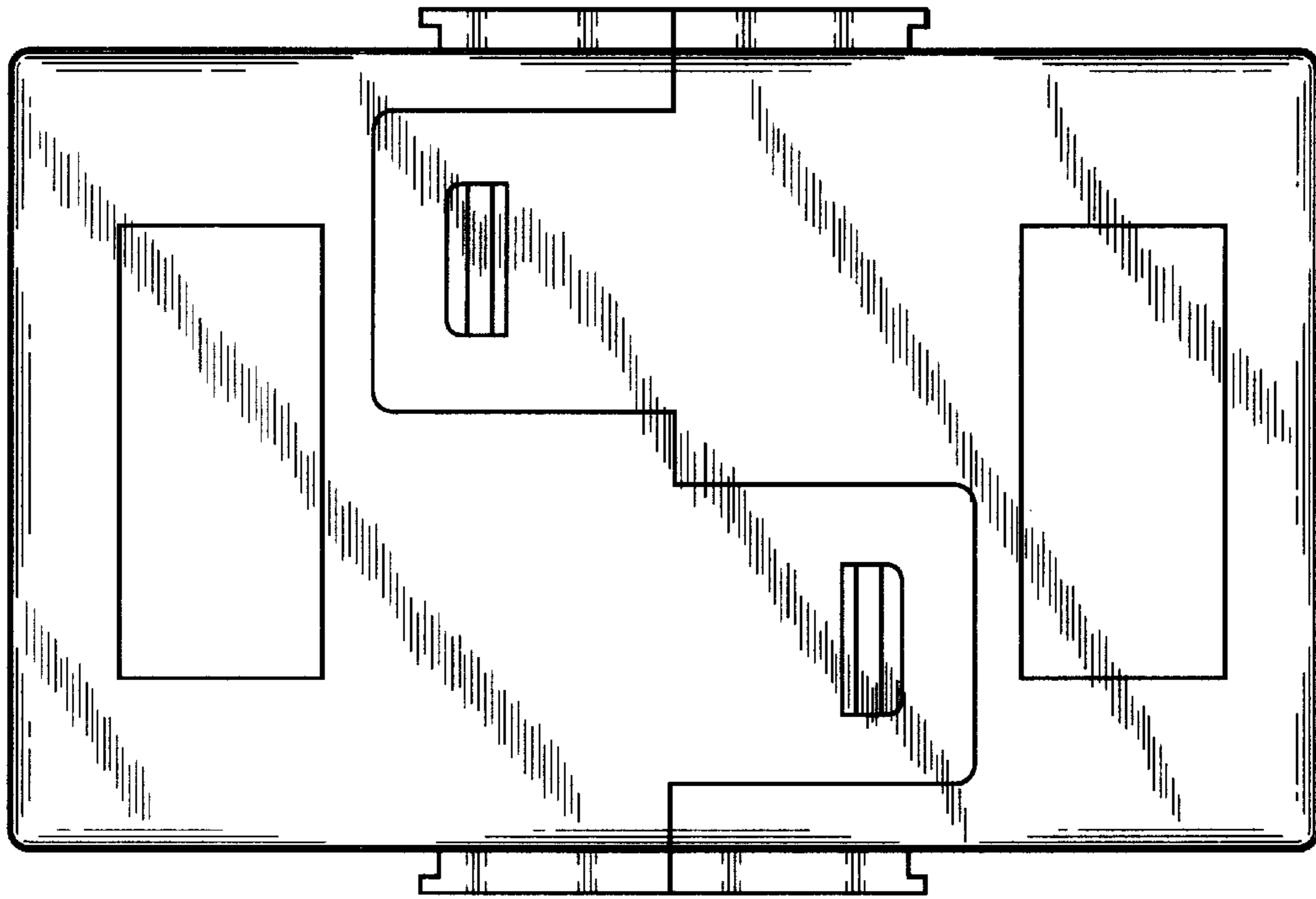


FIG. 1

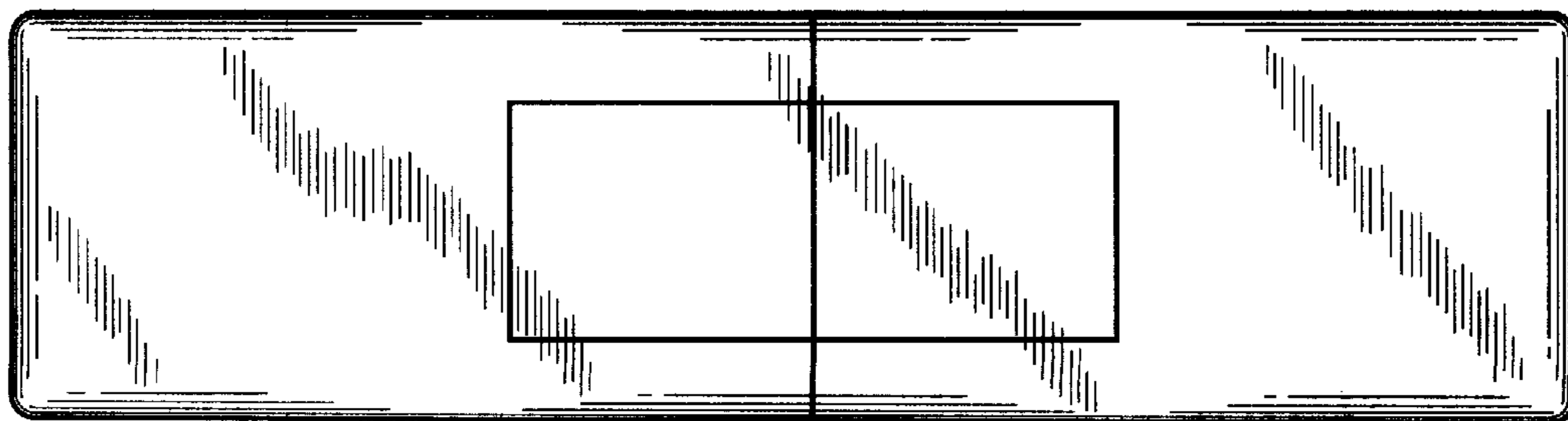


FIG. 2

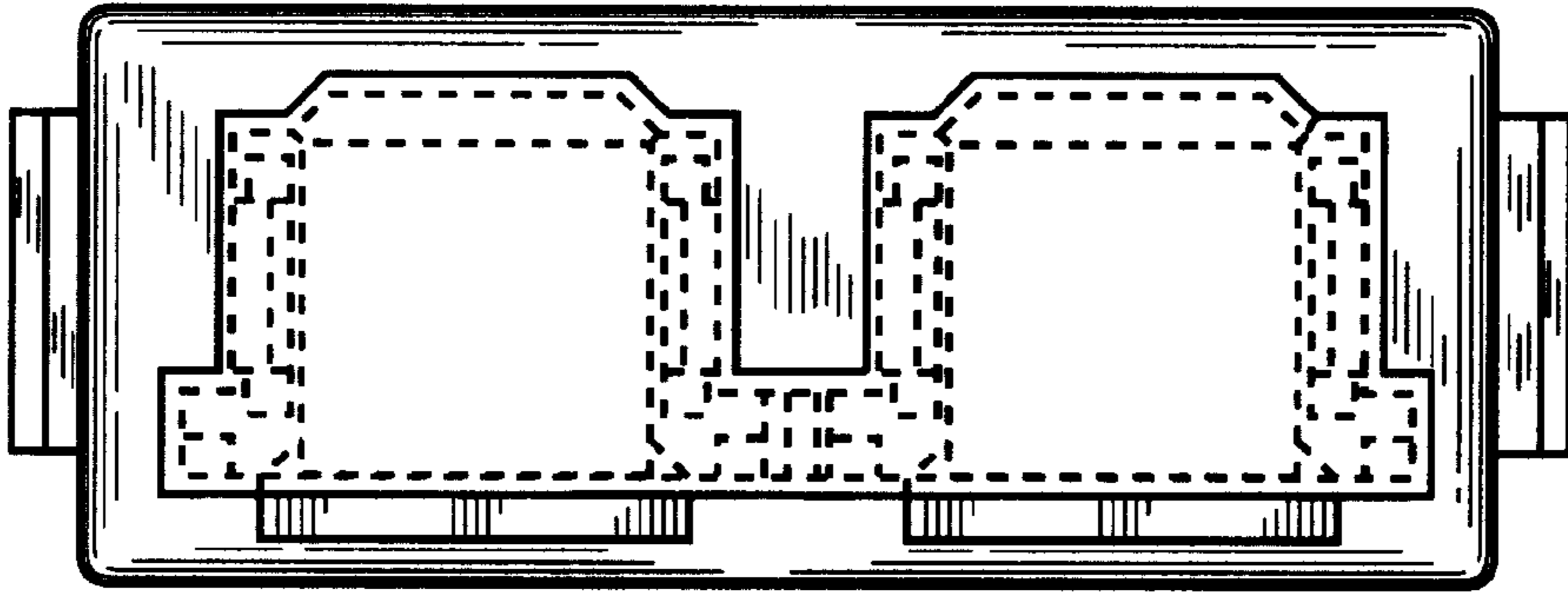


FIG. 3

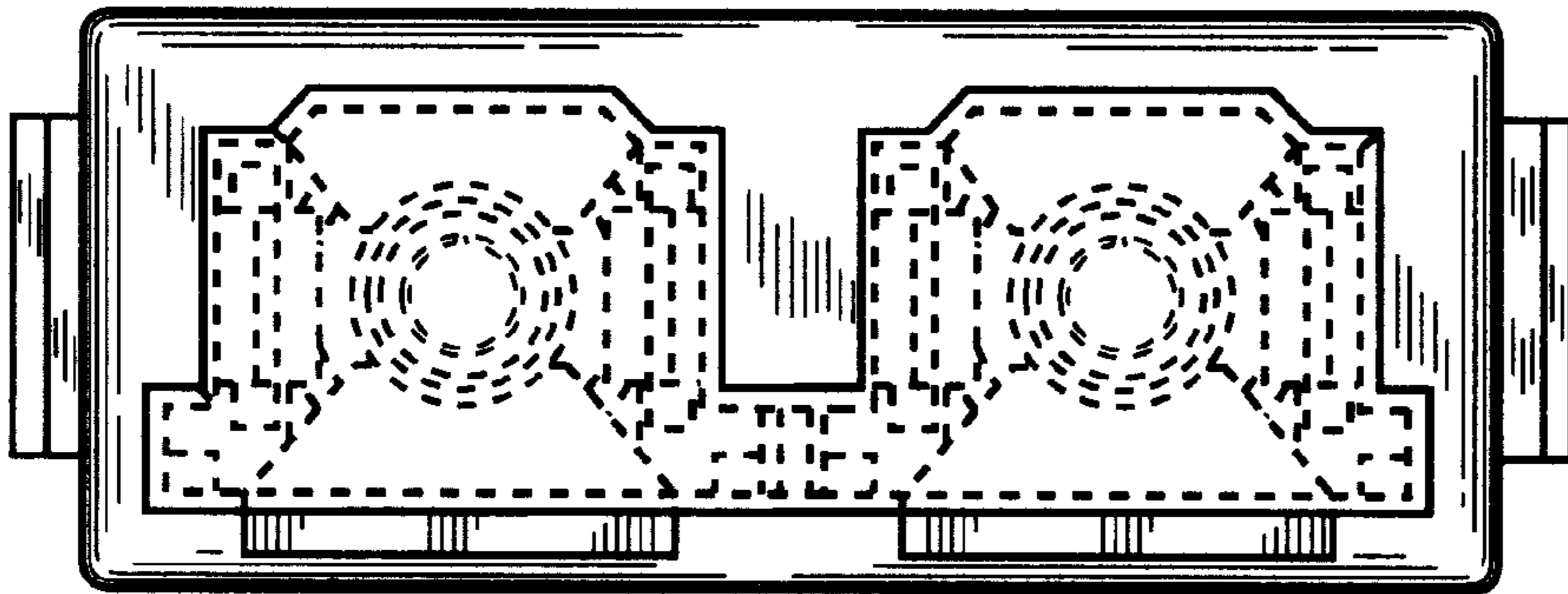


FIG. 4

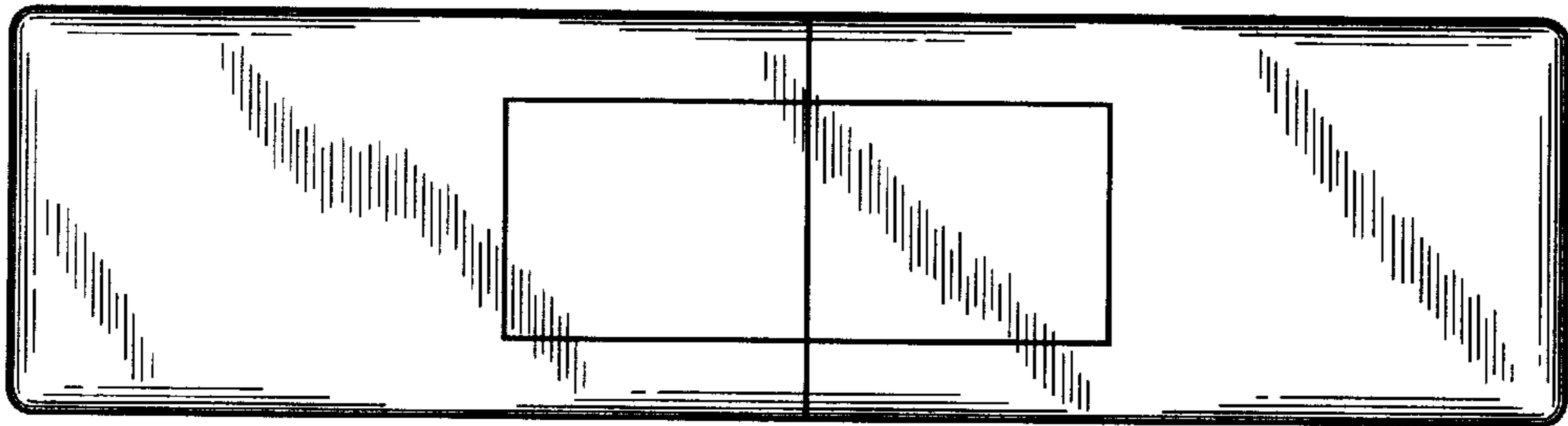


FIG. 5

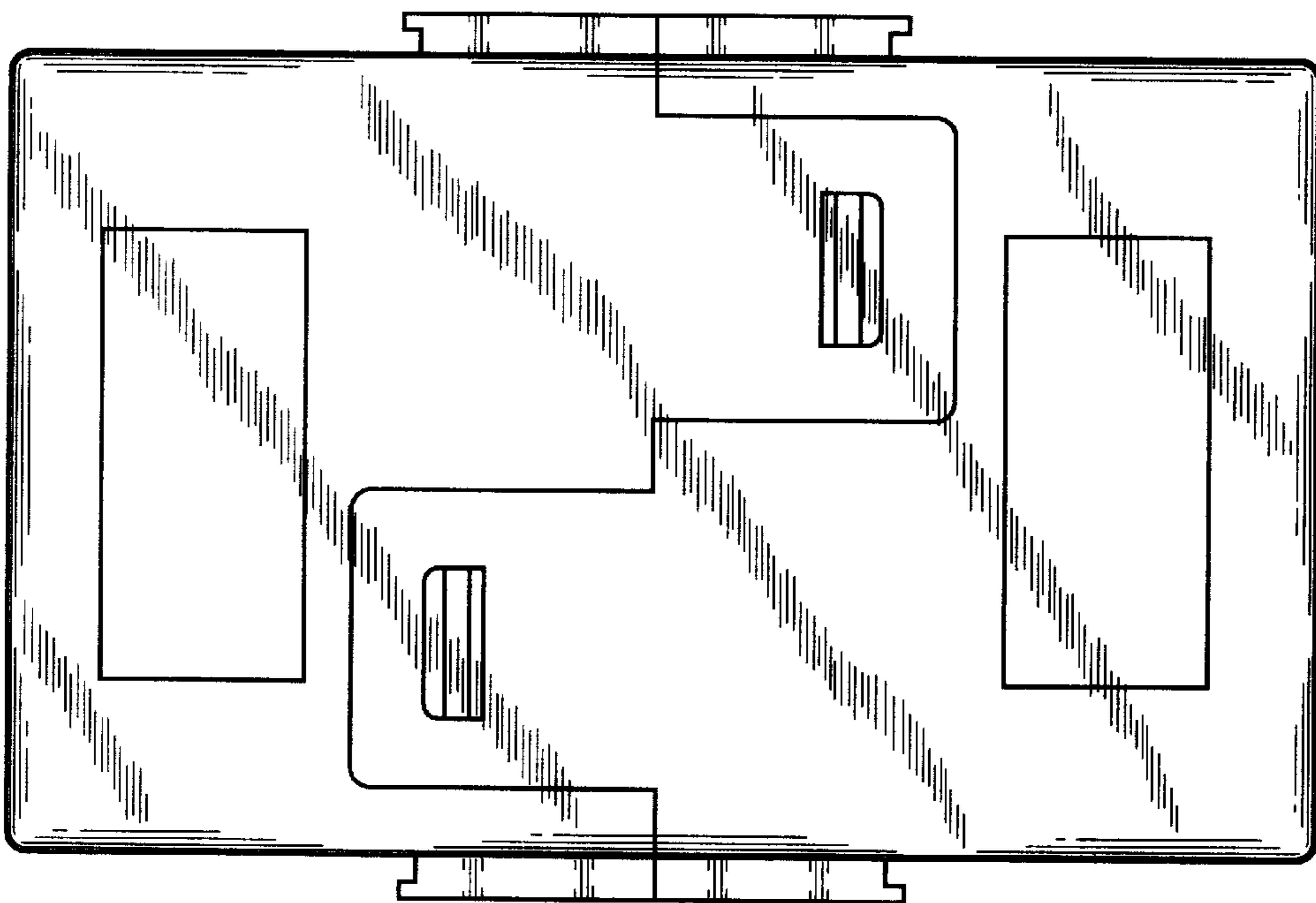


FIG. 6