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(12) **United States Design Patent** (10) **Patent No.:** **US D446,452 S**
Buck et al. (45) **Date of Patent:** **** Aug. 14, 2001**

- (54) **FLEXIBLE PACKAGE OPENING**
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- (73) Assignee: **Kimberly-Clark Worldwide, Inc.**, Neenah, WI (US)
- (**) Term: **14 Years**
- (21) Appl. No.: **29/121,012**
- (22) Filed: **Mar. 30, 2000**
- (51) **LOC (7) Cl.** **09-07**
- (52) **U.S. Cl.** **D9/434; D9/447**
- (58) **Field of Search** D9/339, 414, 434,
D9/447, 449; D6/515, 518, 592; 206/494,
824; 221/45, 63

(56) **References Cited**

U.S. PATENT DOCUMENTS

D. 263,283	3/1982	Ronayne .
D. 296,765	7/1988	Urion .
D. 395,952	7/1998	Buczynski et al. .
D. 397,938	9/1998	Graham et al. .
D. 412,439	8/1999	Cormack .
D. 414,637	10/1999	Amundson et al. .
D. 430,455	9/2000	Pickens .
2,004,614	6/1935	Meagher .
3,095,991	7/1963	Paniagua .
3,749,296	7/1973	Harrison .

(List continued on next page.)

FOREIGN PATENT DOCUMENTS

0 068 722 B1	4/1988	(EP) .
0 331 027 B1	1/1992	(EP) .
0 744 357 A1	11/1996	(EP) .
0 644 130 B1	5/1998	(EP) .

OTHER PUBLICATIONS

U.S. Design application No. 29/121,011 filed Mar. 30, 2000 by Frederick A. Buck et al. for "Container with Flexible Opening".
 U.S. Design application No. 29/121,018 filed Mar. 30, 2000 by Frederick A. Buck et al. for "Container with Domed Inner Cover".
 U.S. application No. 09/538,711 filed Mar. 30, 2000 by Frederick A. Buck et al. for "Wet Wipe Container with Flexible Orifice".
 American Society for Testing Materials (ASTM) Designation: D 412-98a "Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers—Tension¹" pp. 43-55, published Aug. 1998.

(List continued on next page.)

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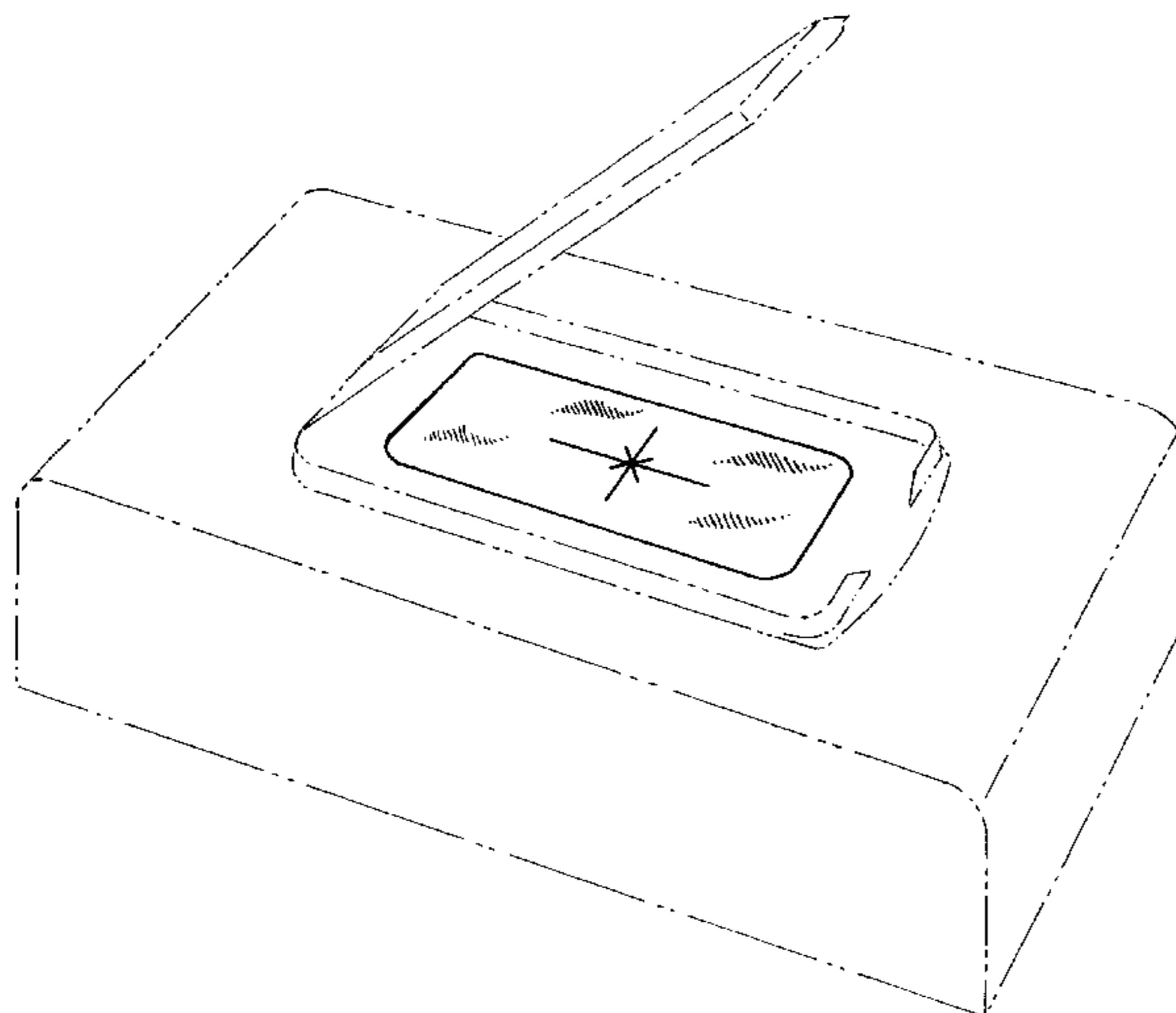
(57) **CLAIM**

We claim the ornamental design for a flexible package opening, as shown and described.

DESCRIPTION

The ornamental design of this invention is a pop-up dispensing opening for a flexible wet wipes container. The opening comprises a flexible material having a star-shaped slit configuration.
 FIG. 1 is a perspective view of a flexible package opening in accordance with this invention.
 FIG. 2 is a top plan view thereof with the lid closed.
 FIG. 3 is a bottom plan view thereof.
 FIG. 4 is a left side view thereof.
 FIG. 5 is a right side view thereof.
 FIG. 6 is a front side view thereof; and,
 FIG. 7 is a rear side view thereof.
 The broken line showing of a package and lid are for illustrative purposes only and form no part of the claimed design.

1 Claim, 5 Drawing Sheets



U.S. PATENT DOCUMENTS

3,780,908 12/1973 Fitzpatrick et al. .
 3,836,044 9/1974 Tilp et al. .
 3,868,052 * 2/1975 Rockefeller 225/106
 3,994,417 11/1976 Boedecker .
 4,004,687 1/1977 Boone .
 4,017,002 4/1977 Doyle et al. .
 4,133,457 1/1979 Klassen .
 4,180,160 12/1979 Ogawa et al. .
 4,289,262 9/1981 Finkelstein .
 4,337,876 7/1982 Thompson .
 4,784,290 11/1988 Howard .
 4,848,575 7/1989 Nakamura et al. .
 5,368,188 11/1994 Twardowski .
 5,542,567 8/1996 Julius .
 5,704,471 1/1998 Yamada .
 5,729,955 3/1998 Yamada .
 5,785,179 7/1998 Buczwinski et al. .
 5,908,138 6/1999 Vlahakis et al. .
 6,152,322 11/2000 Marino .

6,164,442 12/2000 Stravitz .
 6,182,858 2/2001 Hartog .

OTHER PUBLICATIONS

American Society for Testing Materials (ASTM) Designation: D 790-99 "Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials¹" pp. 150-158, published Feb. 2000.

American Society for Testing Materials (ASTM) Designation: D 2240-97^{e1} "Standard Test Method for Rubber Property—Durometer Hardness¹" pp. 400-403, published Mar. 1997.

American Society for Testing Materials (ASTM) Designation: D 6125-97 "Standard Test Method for Bending Resistance of Paper and Paperboard (Gurley Type Tester)¹" pp. 885-889, published Feb. 1998.

* cited by examiner

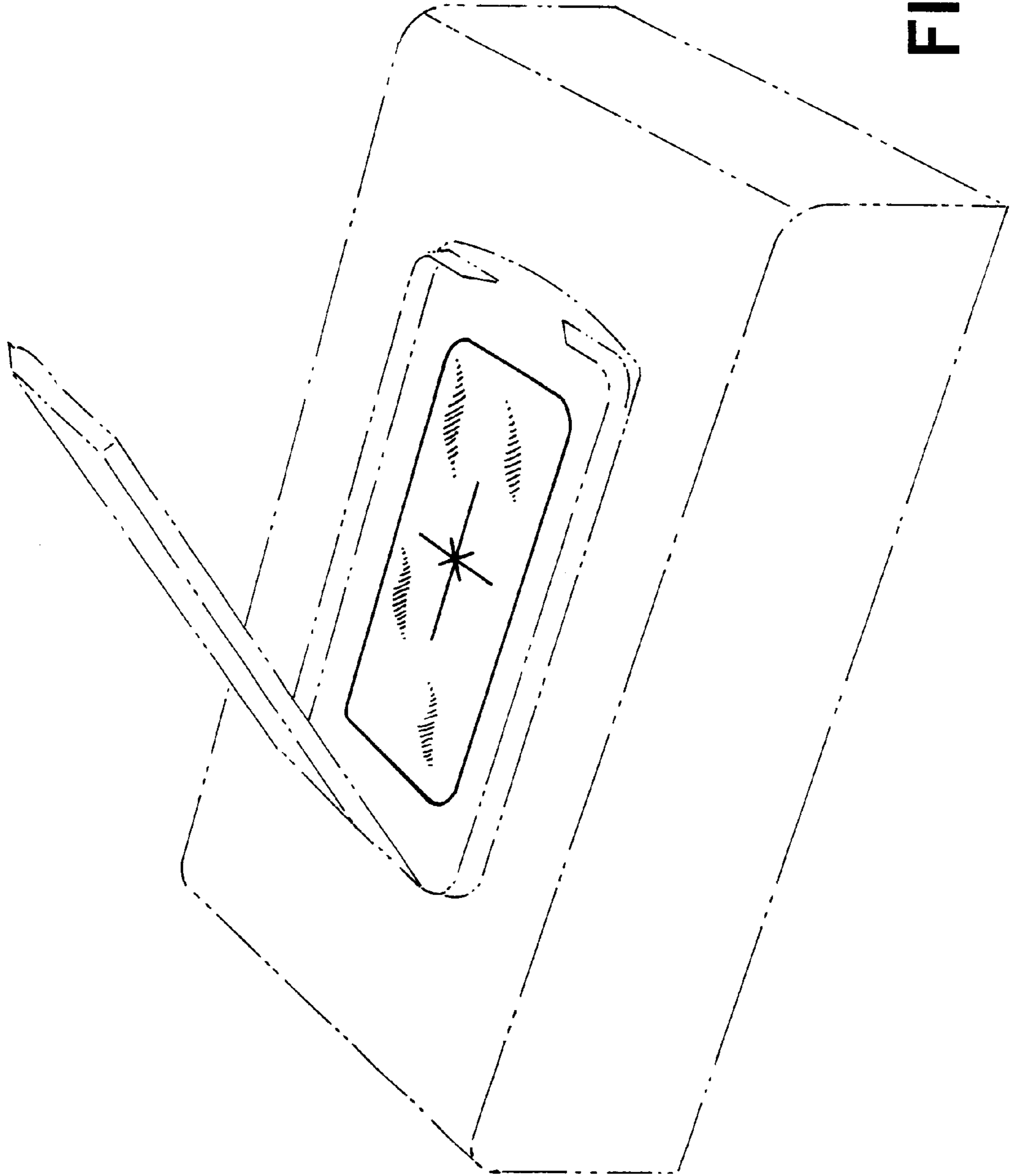


FIG. 1

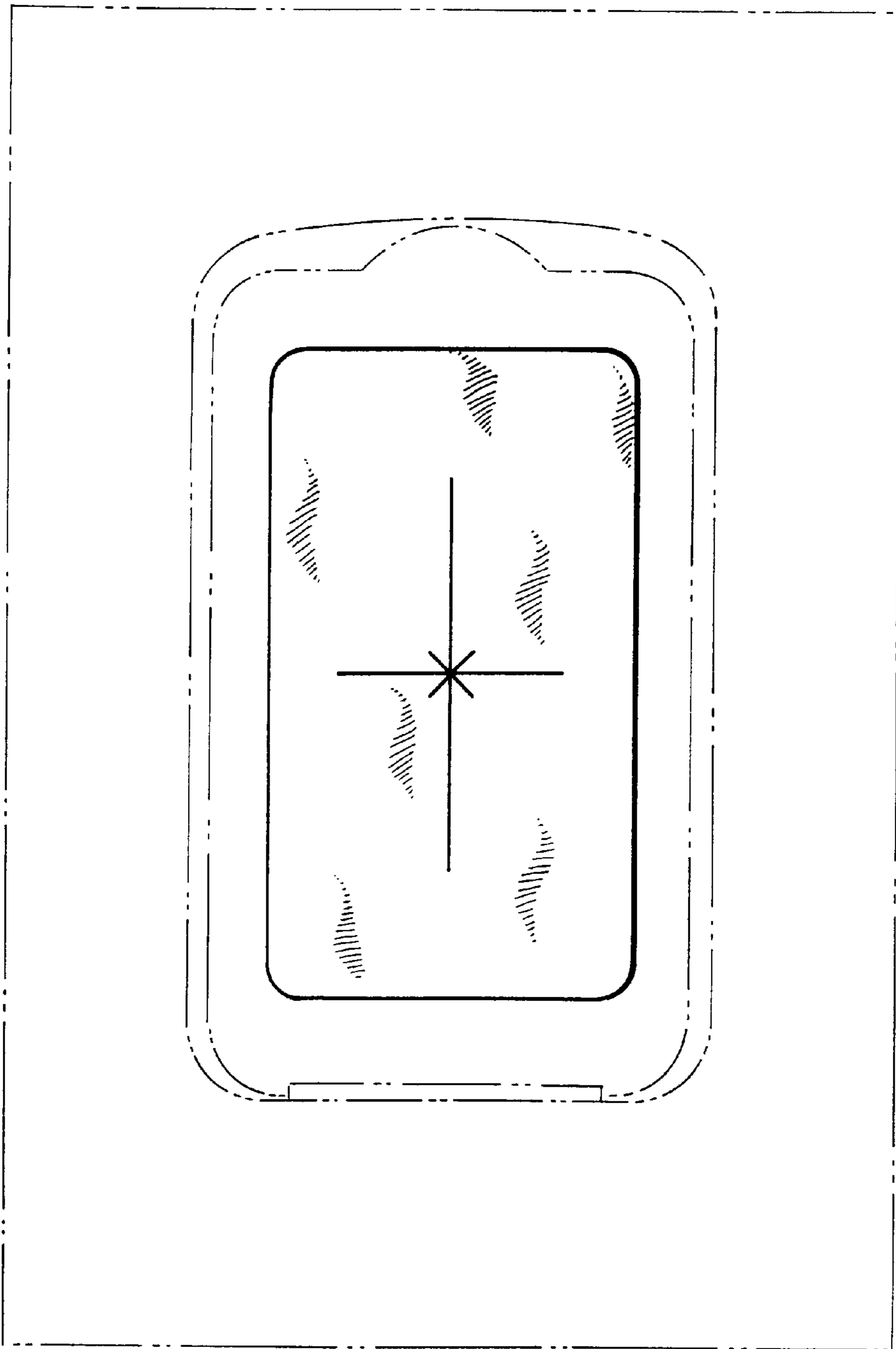


FIG. 2

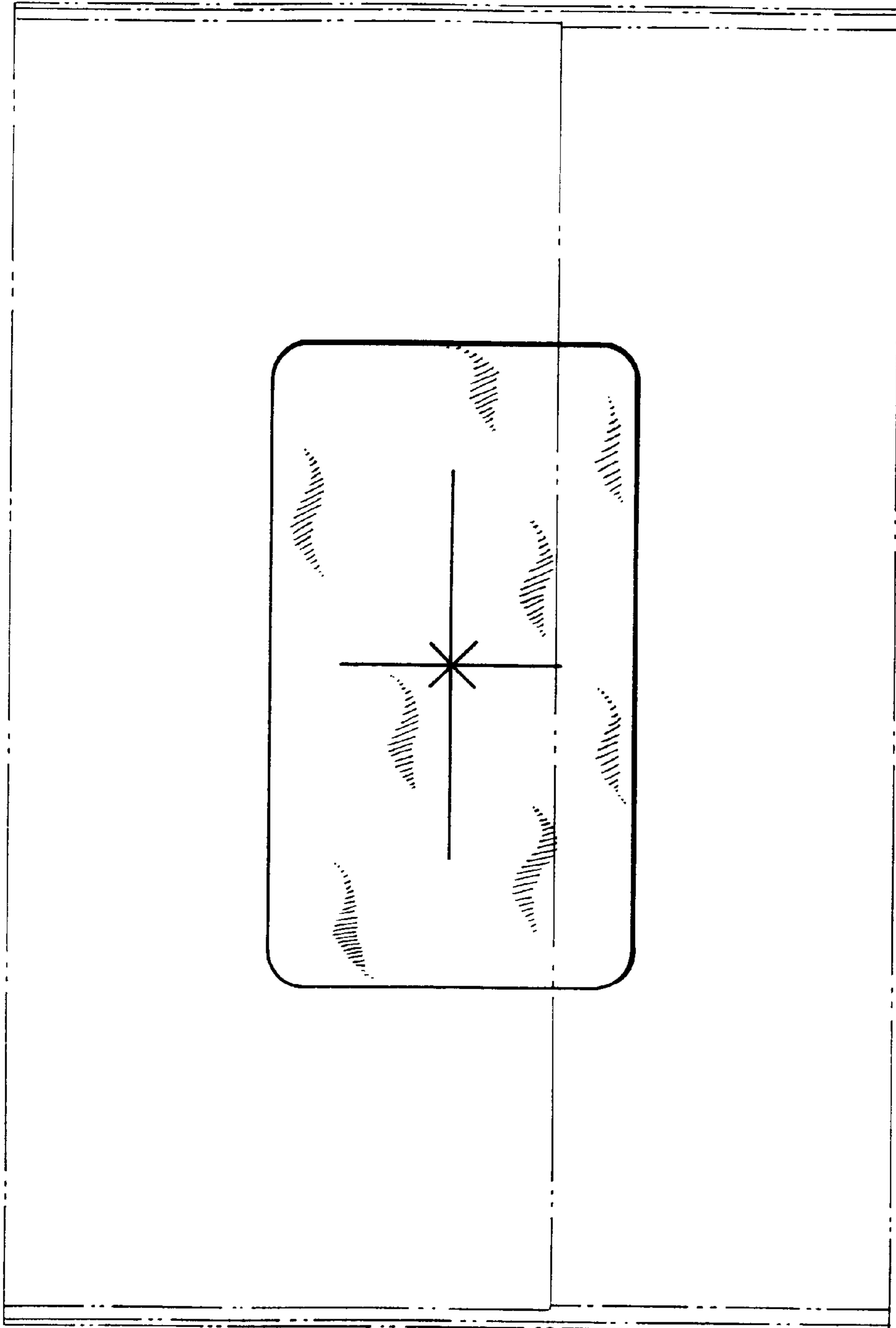


FIG. 3

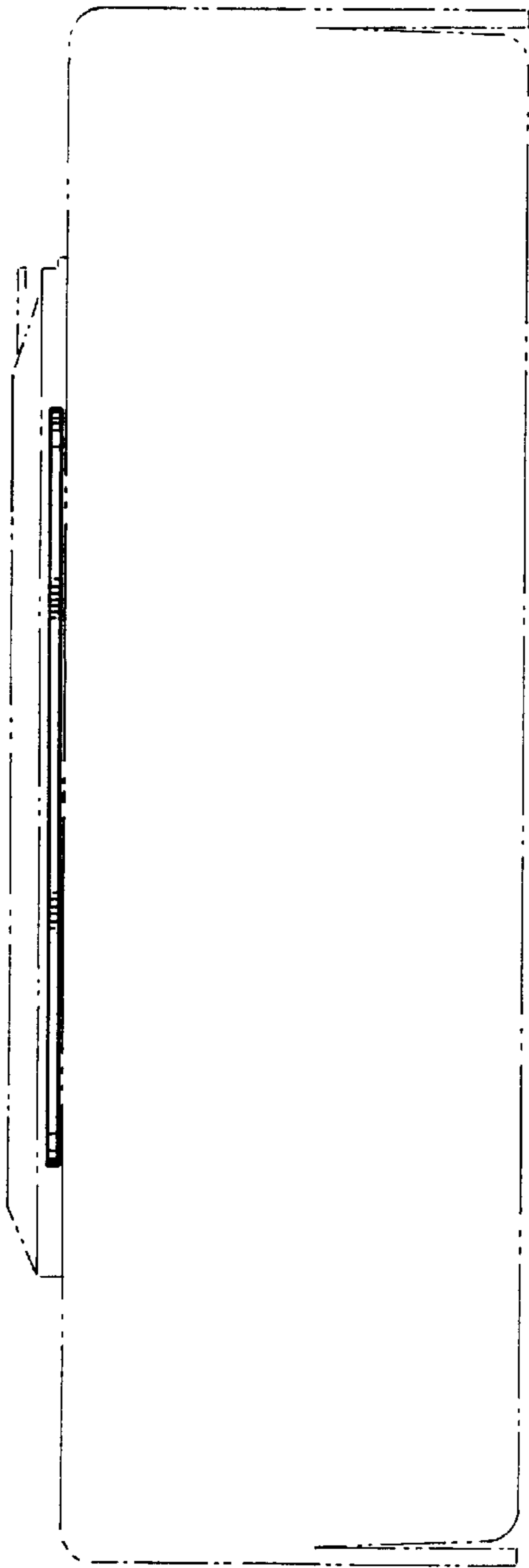


FIG. 4

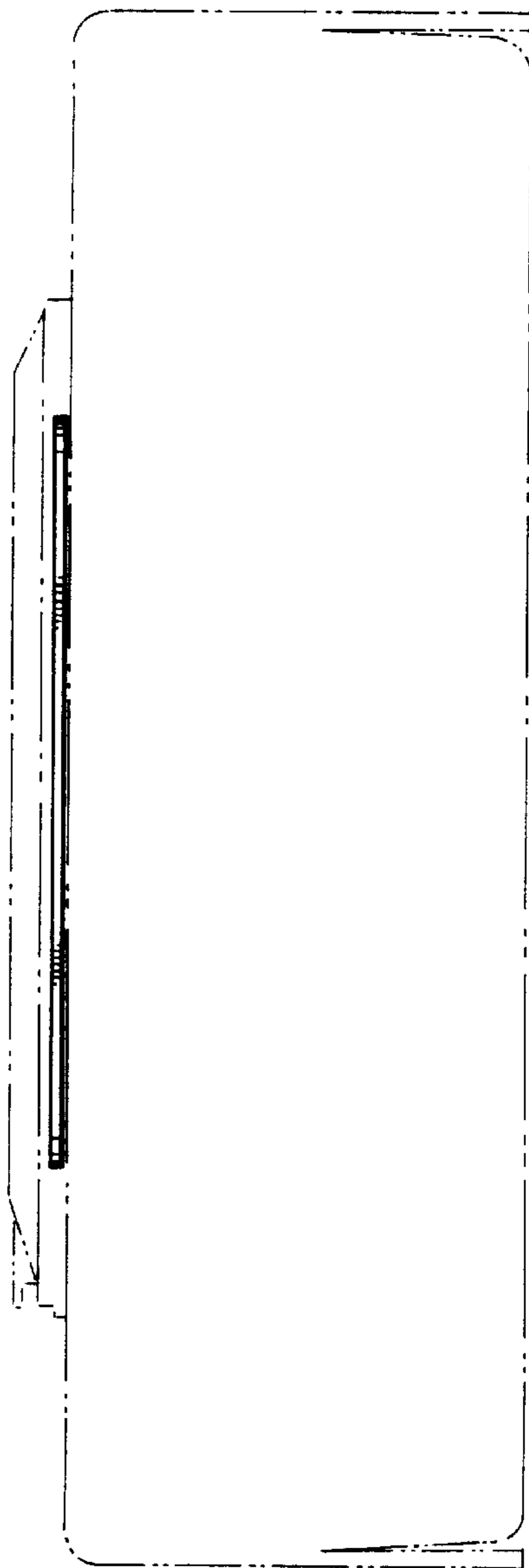


FIG. 5

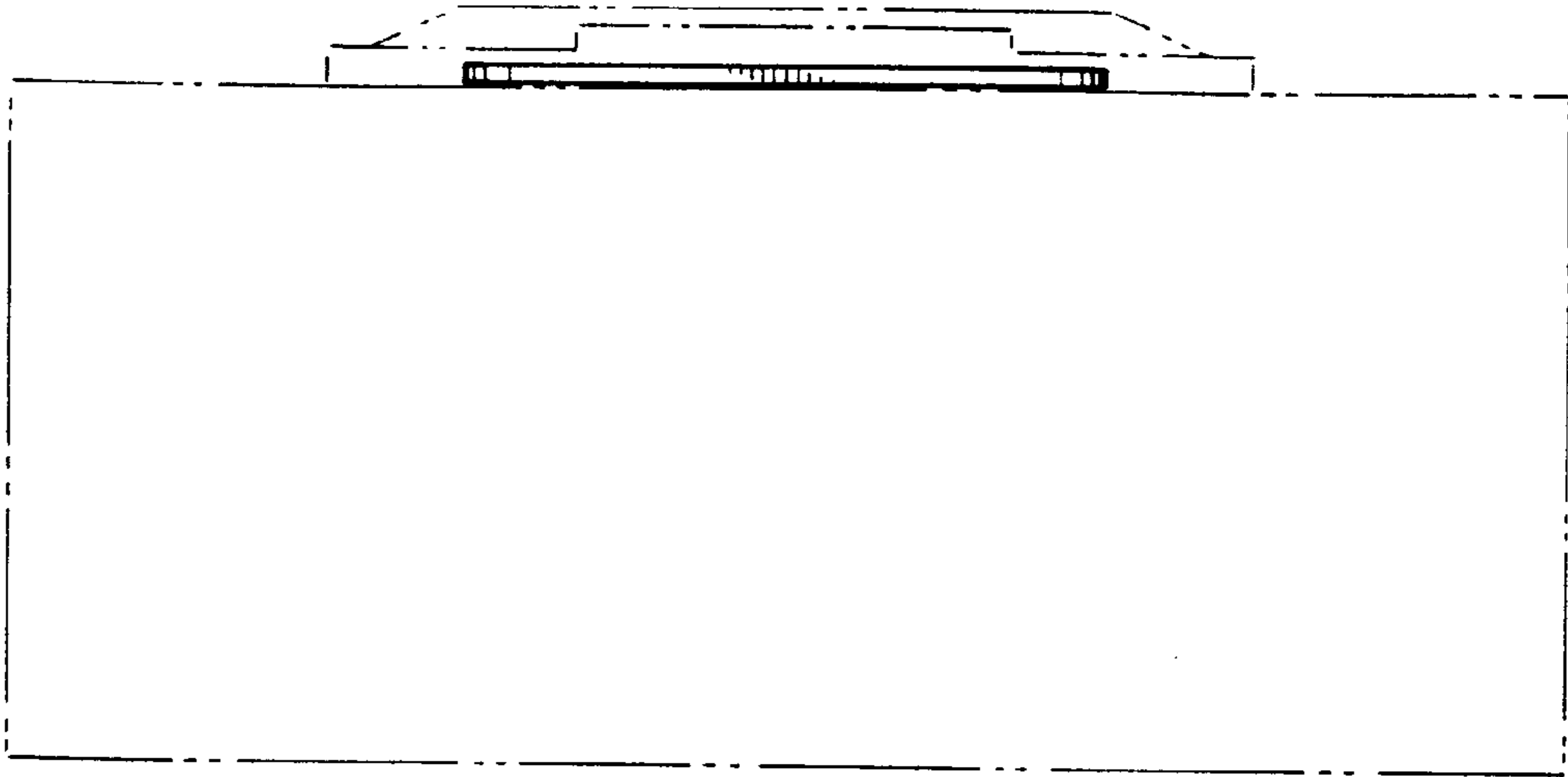


FIG. 6

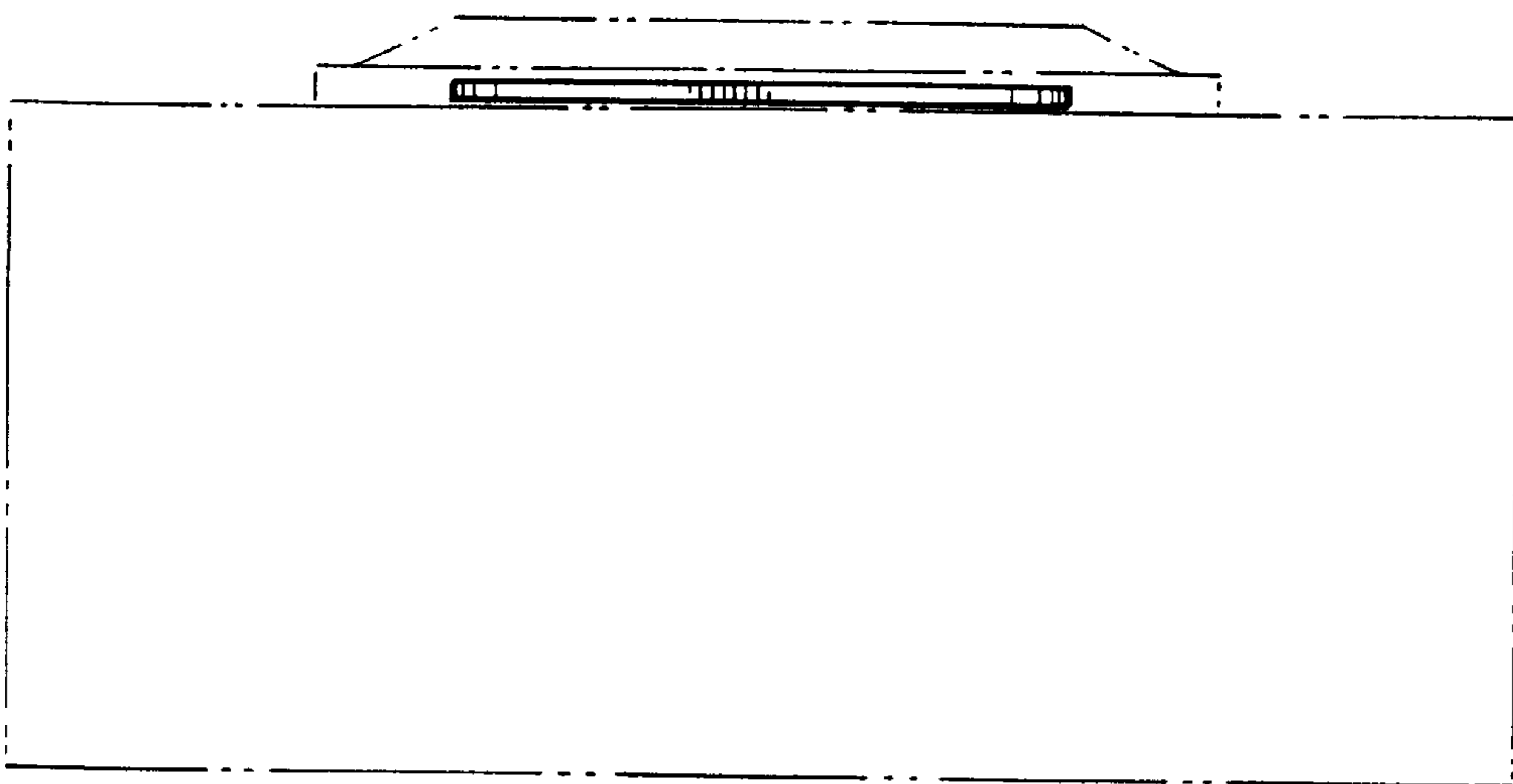


FIG. 7