

US00D492263S1

(12) **United States Design Patent** (10) **Patent No.:** **US D492,263 S**
Murray (45) **Date of Patent:** **** Jun. 29, 2004**

(54) **HOME AUTOMATION CONTROL MODULE**

(57) **CLAIM**

(75) Inventor: **Christopher Murray**, Baltimore, MD (US)

The ornamental design for a home automation control module, as shown and described.

(73) Assignee: **Black & Decker Inc.**, Newark, DE (US)

DESCRIPTION

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

FIG. 1 is a front isometric view of a home automation control module in a closed state in accordance with a second preferred embodiment of the present invention;

(21) Appl. No.: **29/191,797**

FIG. 2 is a rear isometric view of the home automation control module shown in FIG. 1 ;

(22) Filed: **Oct. 14, 2003**

FIG. 3 is a front elevation view of the home automation control module shown in FIG. 1 ;

Related U.S. Application Data

FIG. 4 is a rear elevation view of the home automation control module shown in FIG. 1 ;

(62) Division of application No. 29/180,041, filed on Apr. 17, 2003.

FIG. 5 is a right side view of the home automation control module shown in FIG. 1 ;

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

FIG. 6 is a left side view of the home automation control module shown in FIG. 1 ;

(52) **U.S. Cl.** **D13/162**

FIG. 7 is a top plan view of the home automation control module shown in FIG. 1 ;

(58) **Field of Search** D10/106; D13/133, D13/141, 152, 158, 164, 184; 174/50, 51, 52.1, 67; 340/3.7, 310.01; 361/600, 679, 683, 685, 692, 696, 709, 724, 730, 735, 736, 752, 763, 784, 796, 816, 829; 700/19.85

FIG. 8 is a bottom plan view of the home automation control module shown in FIG. 1 ;

FIG. 9 is a front isometric view of a home automation control module in an opened state in accordance with the second preferred embodiment of the present invention;

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,200,862 A 4/1980 Campbell et al.
4,418,333 A 11/1983 Schwarzbach et al.
D276,718 S 12/1984 Goodin et al.

FIG. 10 is a rear isometric view of the home automation control module shown in FIG. 9;

FIG. 11 is a front elevation view of the home automation control module shown in FIG. 9;

FIG. 12 is a rear elevation view of the home automation control module shown in FIG. 9;

(List continued on next page.)

OTHER PUBLICATIONS

2-Way Appliance Module—2 pin (AM14A) Reproduced from http://www.x10.com/products/x10_am14a.htm.

FIG. 13 is a right side view of the home automation control module shown in FIG. 9;

FIG. 14 is a left side view of the home automation control module shown in FIG. 9;

FIG. 15 is a top plan view of the home automation control module shown in FIG. 9; and,

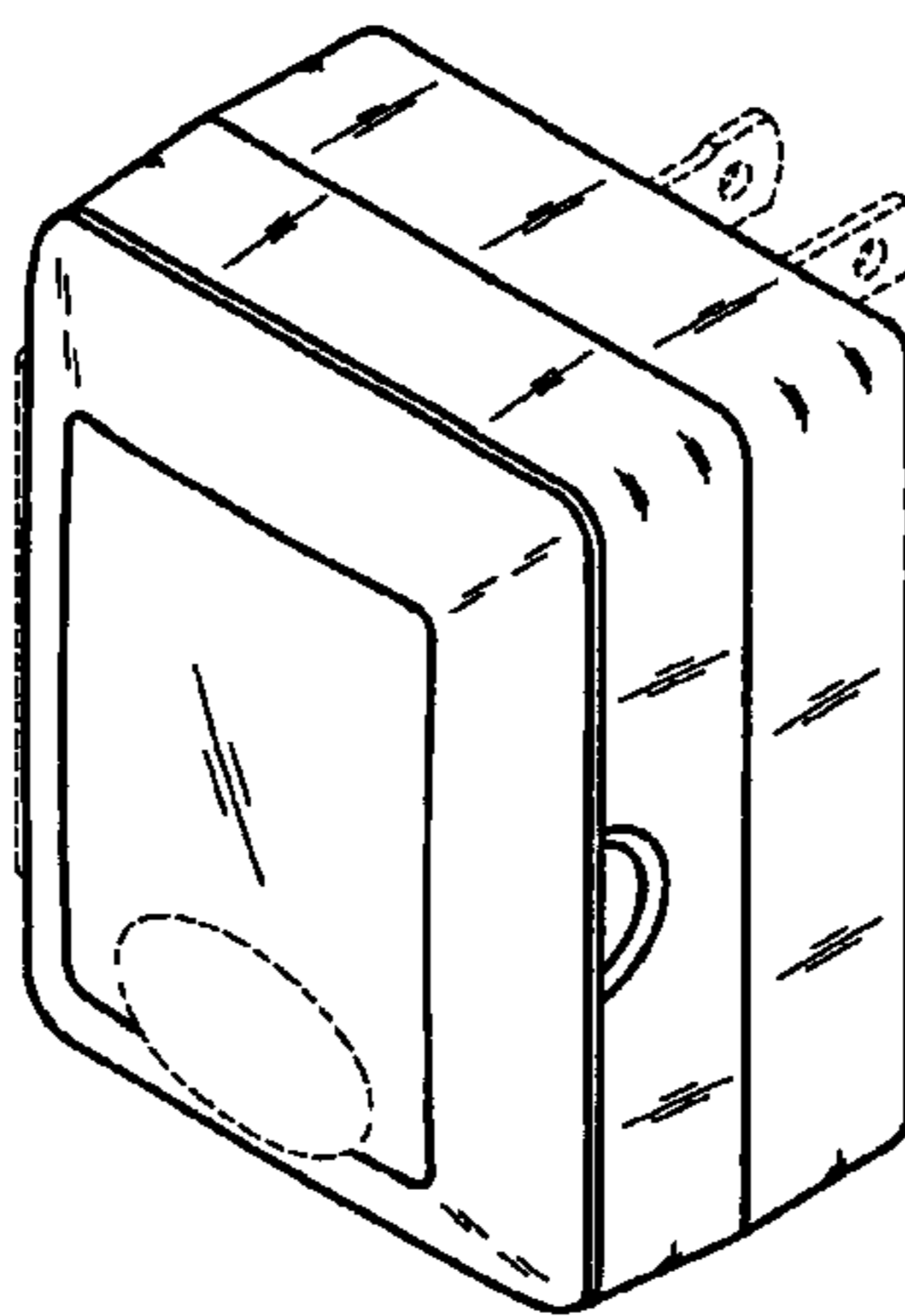
FIG. 16 is a bottom plan view of the home automation control module shown in FIG. 9.

(List continued on next page.)

It will be understood that the broken lines shown in the figures illustrate environmental structure associated with the present invention which forms no part of the claimed design.

Primary Examiner—Philip S. Hyder
Assistant Examiner—Selina Sikder
(74) *Attorney, Agent, or Firm*—Harness, Dickey & Pierce, P.L.C.

1 Claim, 14 Drawing Sheets



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D278,142 S 3/1985 Chan
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5,905,442 A 5/1999 Mosebrook et al.
D425,493 S 5/2000 Cutright et al.
6,587,739 B1 7/2003 Abrams et al.

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AM466 Appliance Module—3 Prong Grounded Reproduced from http://www.x10.com/products/x10_am466.htm.

AM486 Appliance Module—2 PIN Polarized Reproduced from http://www.10.com/products/x10_am486.htm.

2-Way Lamp Module (LM14A) Reproduced from http://www.x10.com/products/x10_lm14a.htm.

Lamp Module (LM465) Reproduced from http://www.x10.com/products/x10_lm465.htm.

Universal Module (UM506) Reproduced from http://www.x10.com/products/x10_um506.htm.

Wireless Transceiver Module (TM751) Reproduced from http://www.10.com/products/x10_tm751.htm.

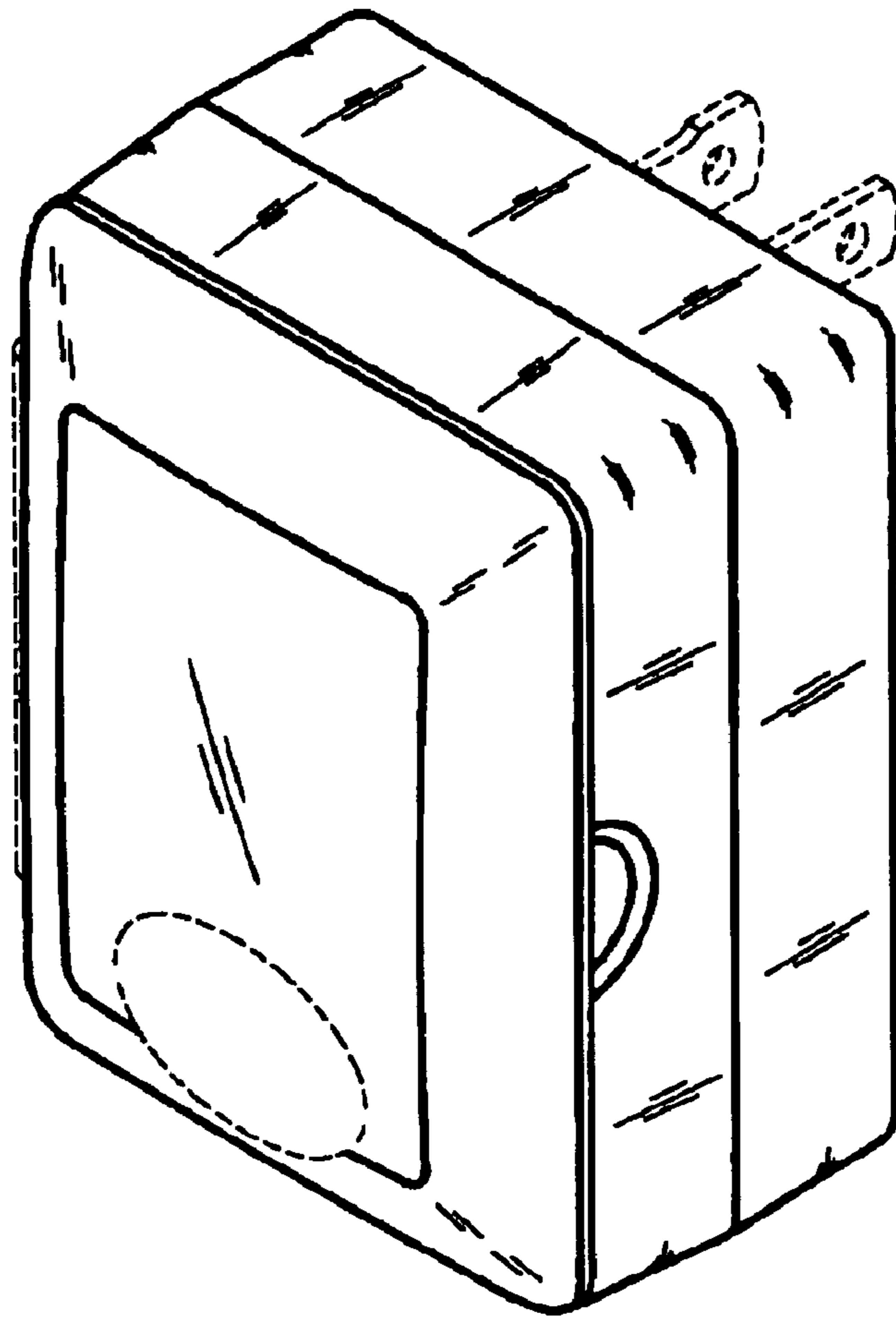


FIG 1

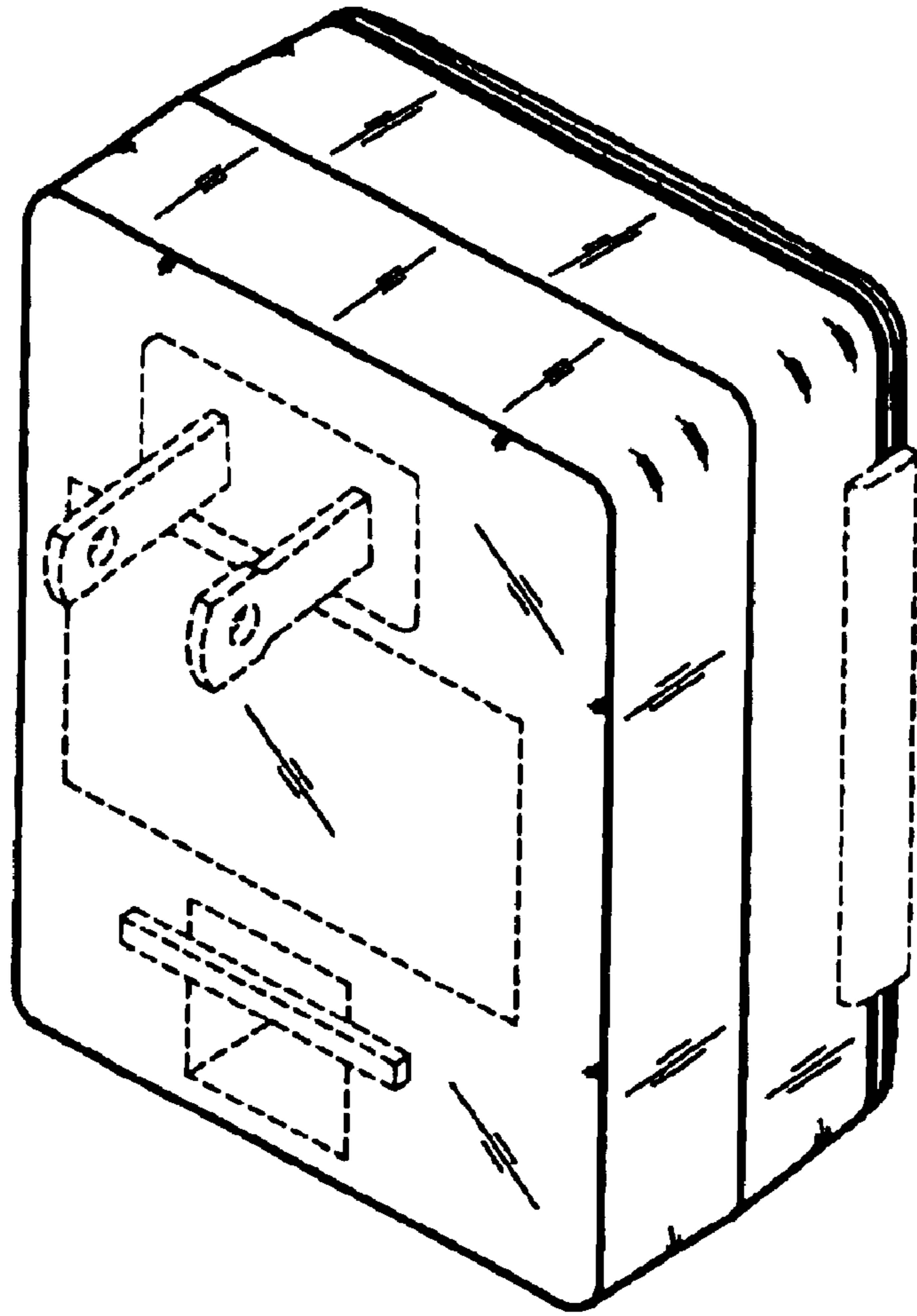


FIG 2

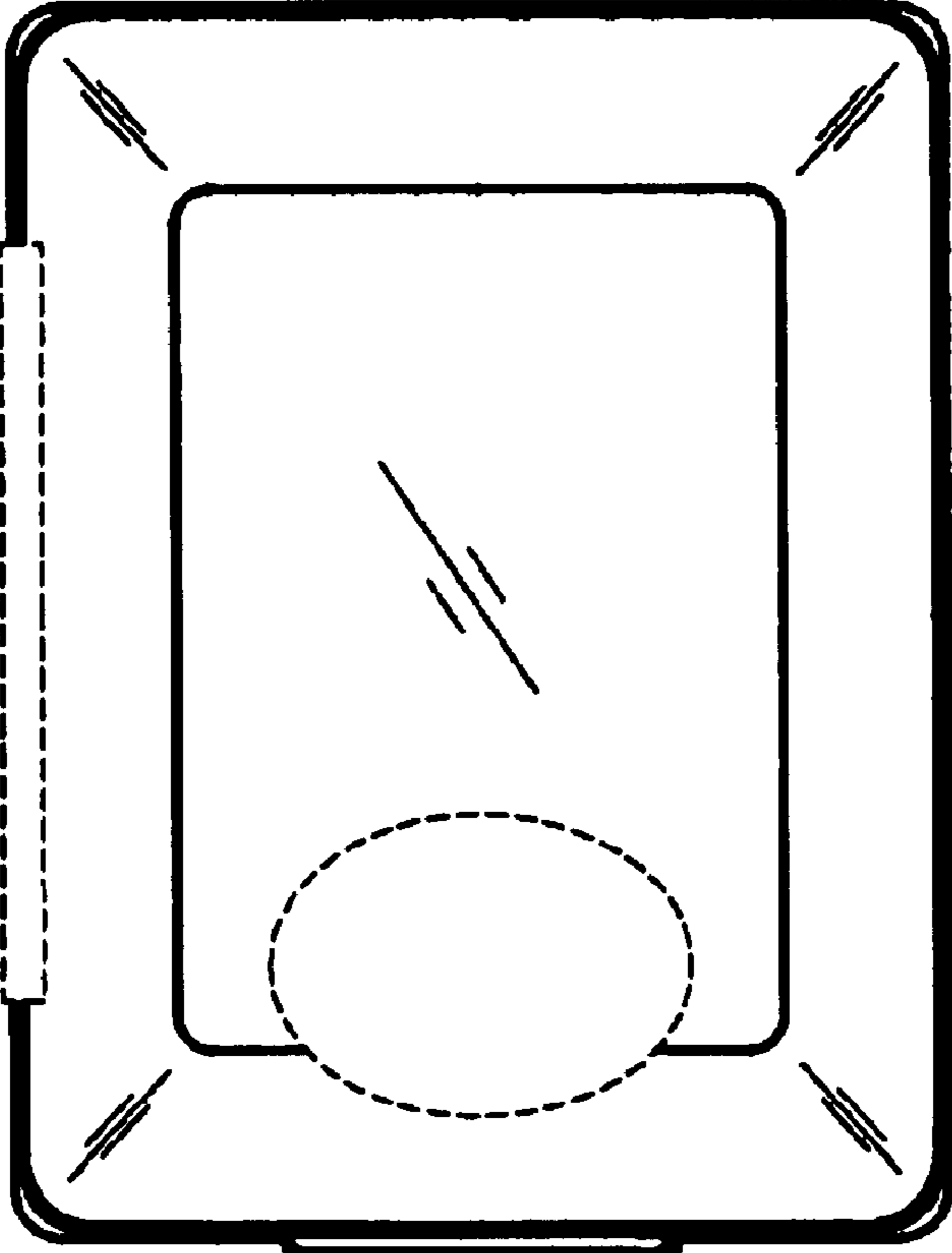


FIG 3

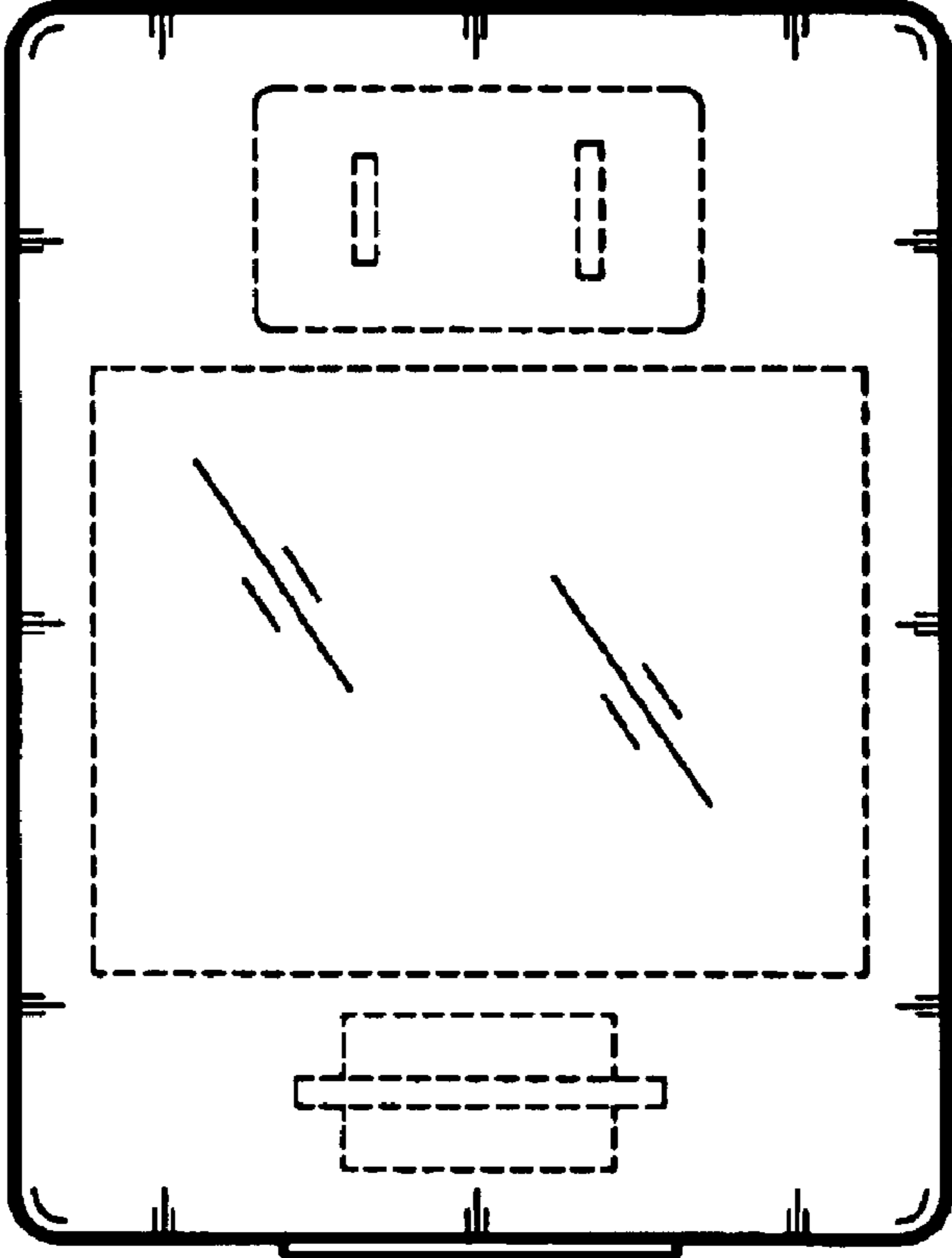


FIG 4

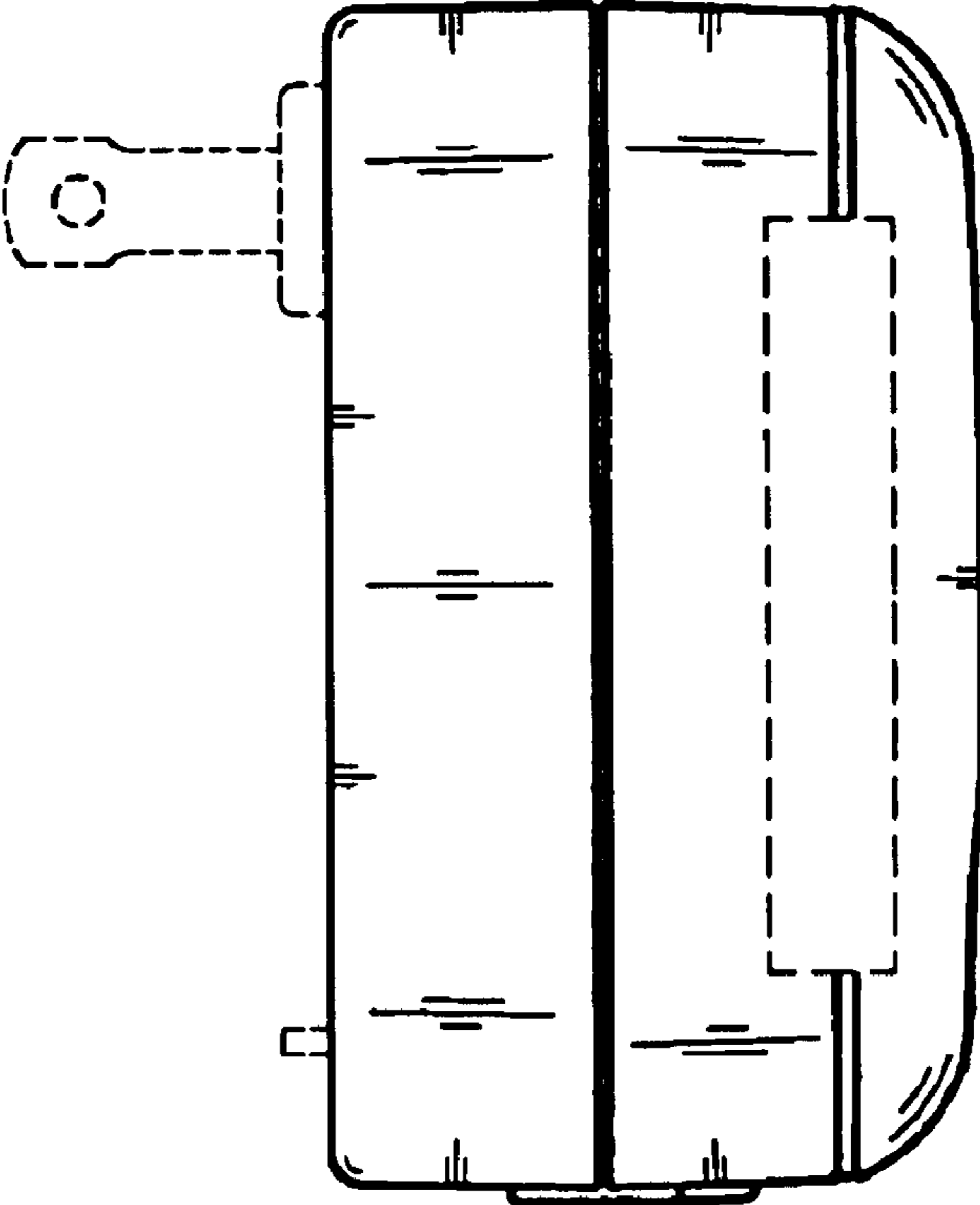


FIG 5

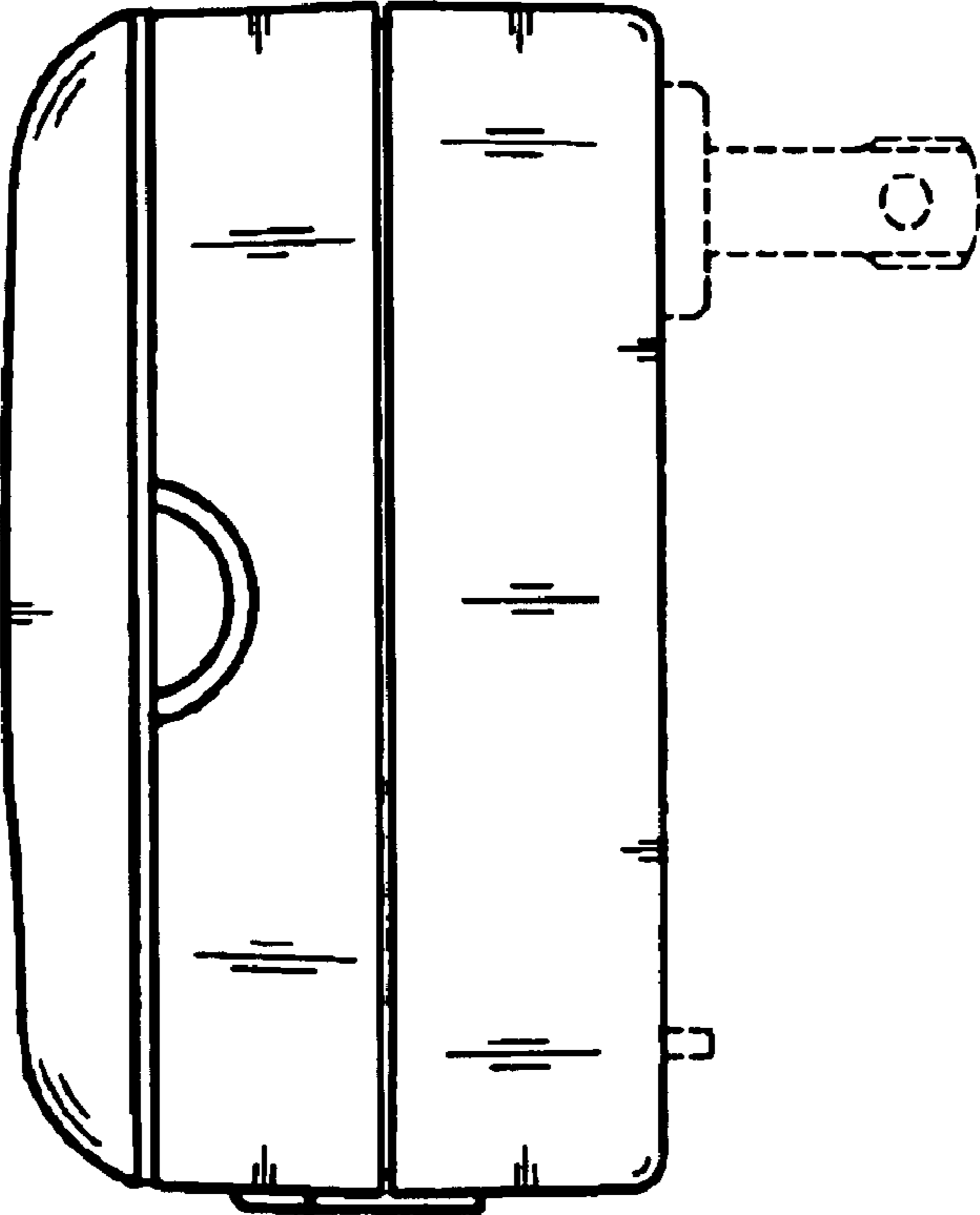


FIG 6

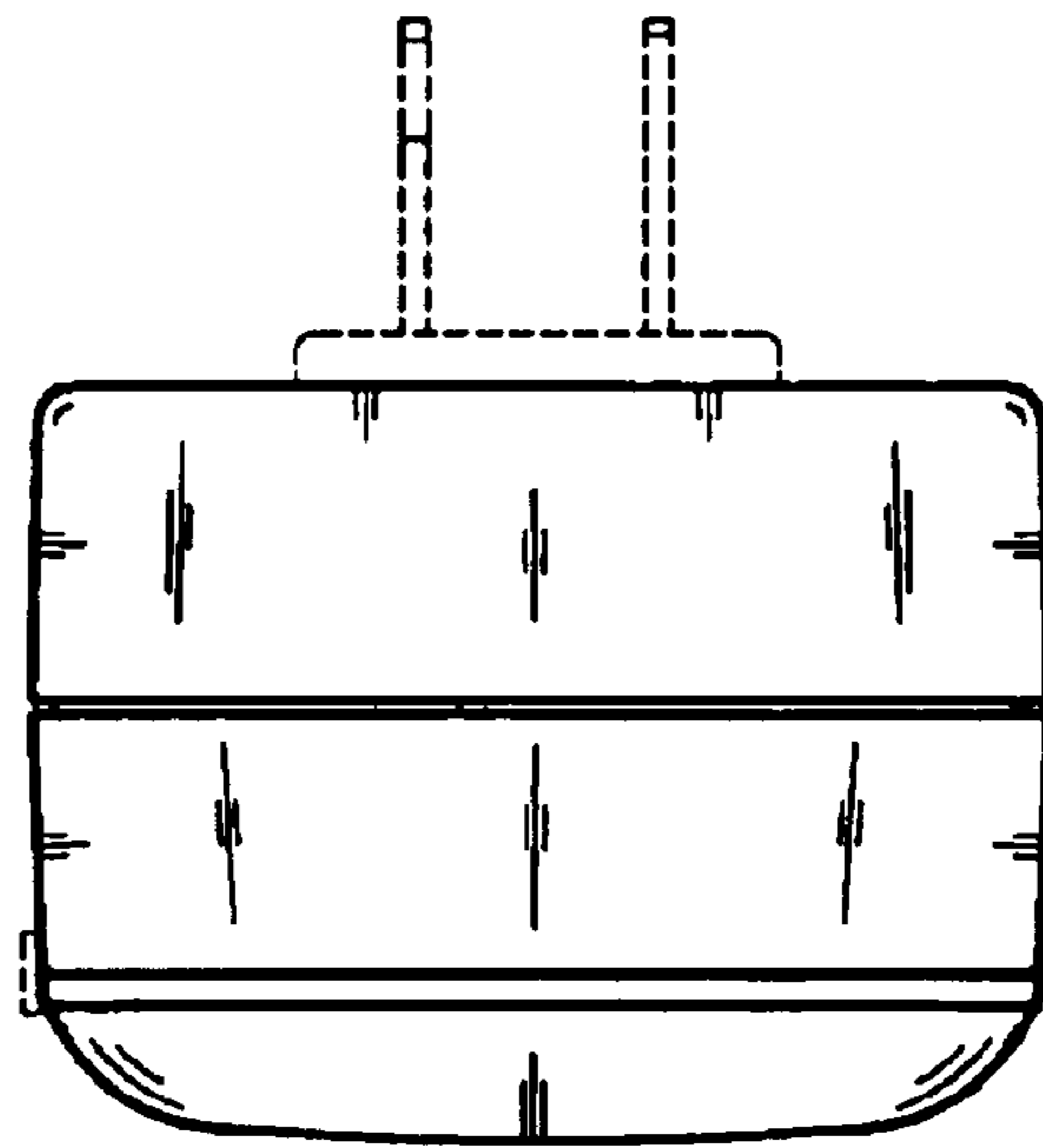


FIG 7

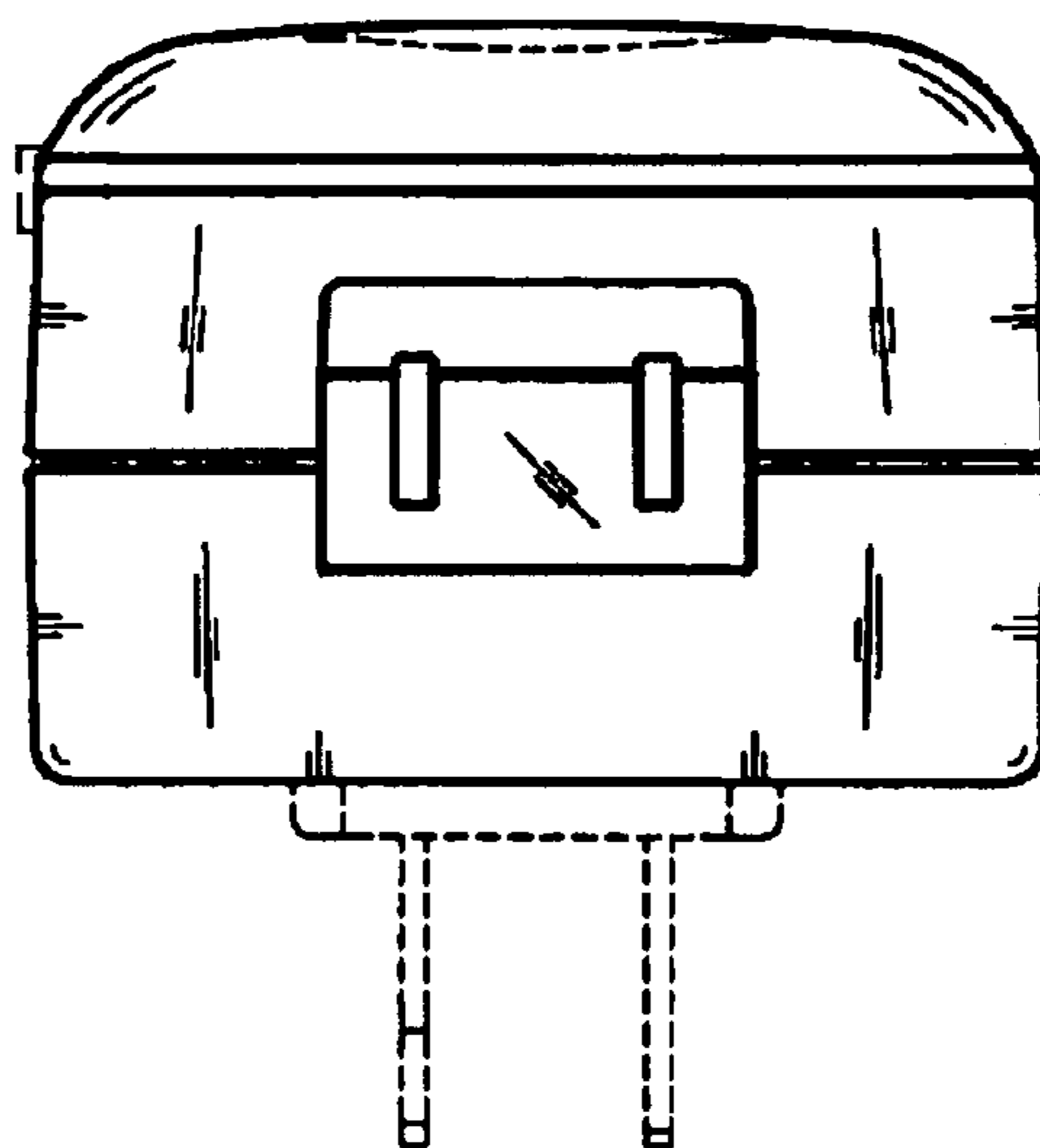


FIG 8

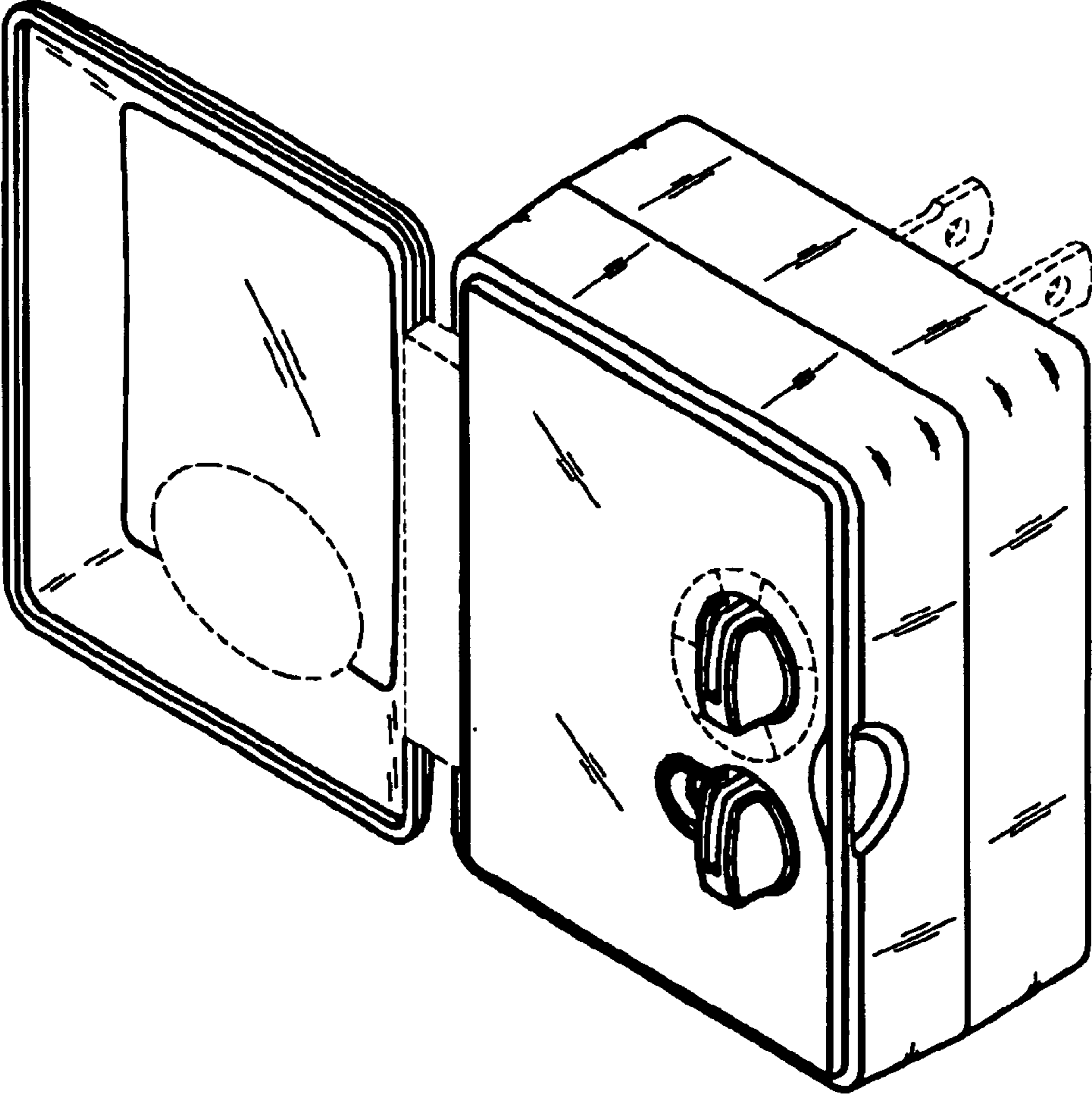


FIG 9

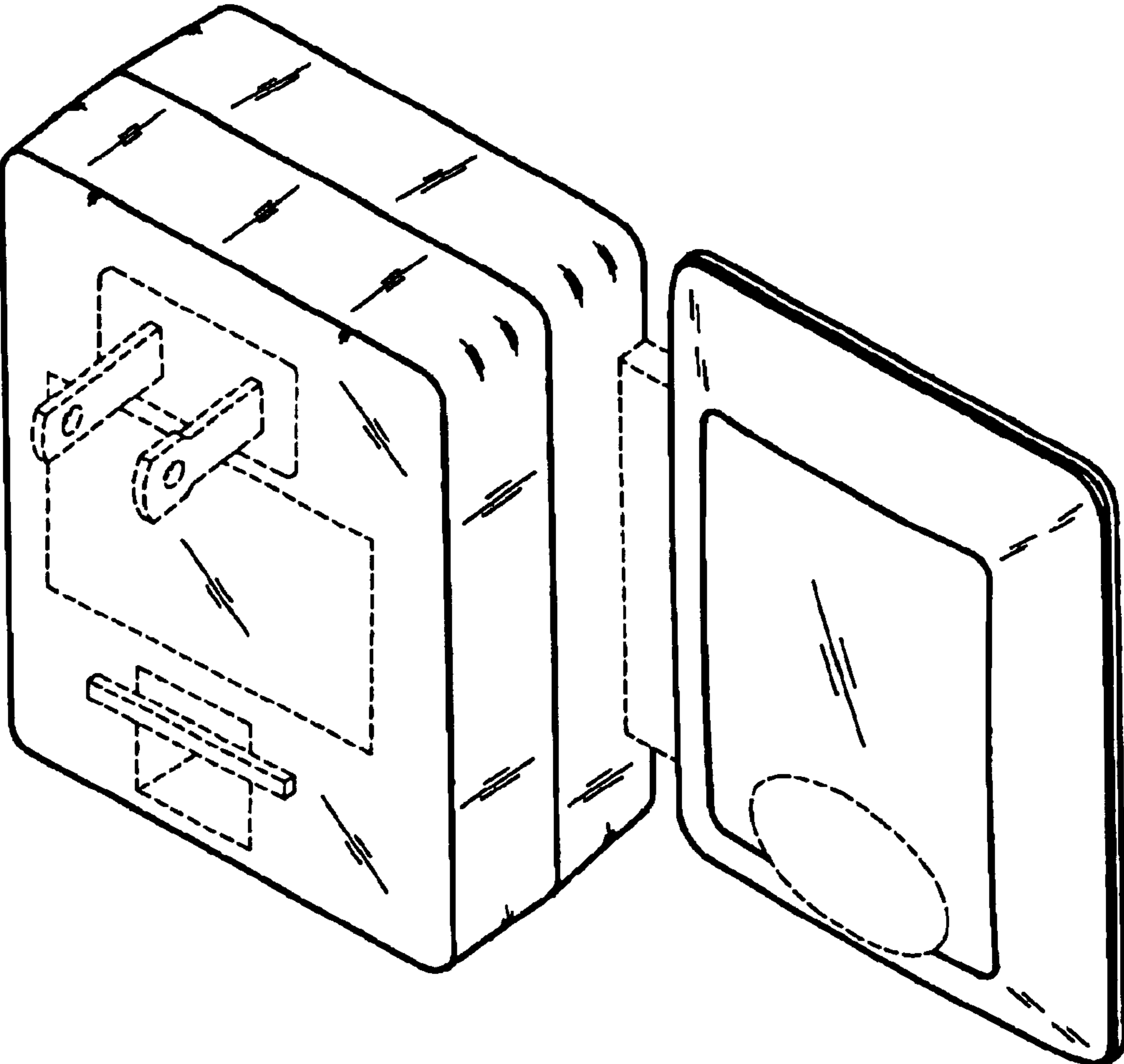


FIG 10

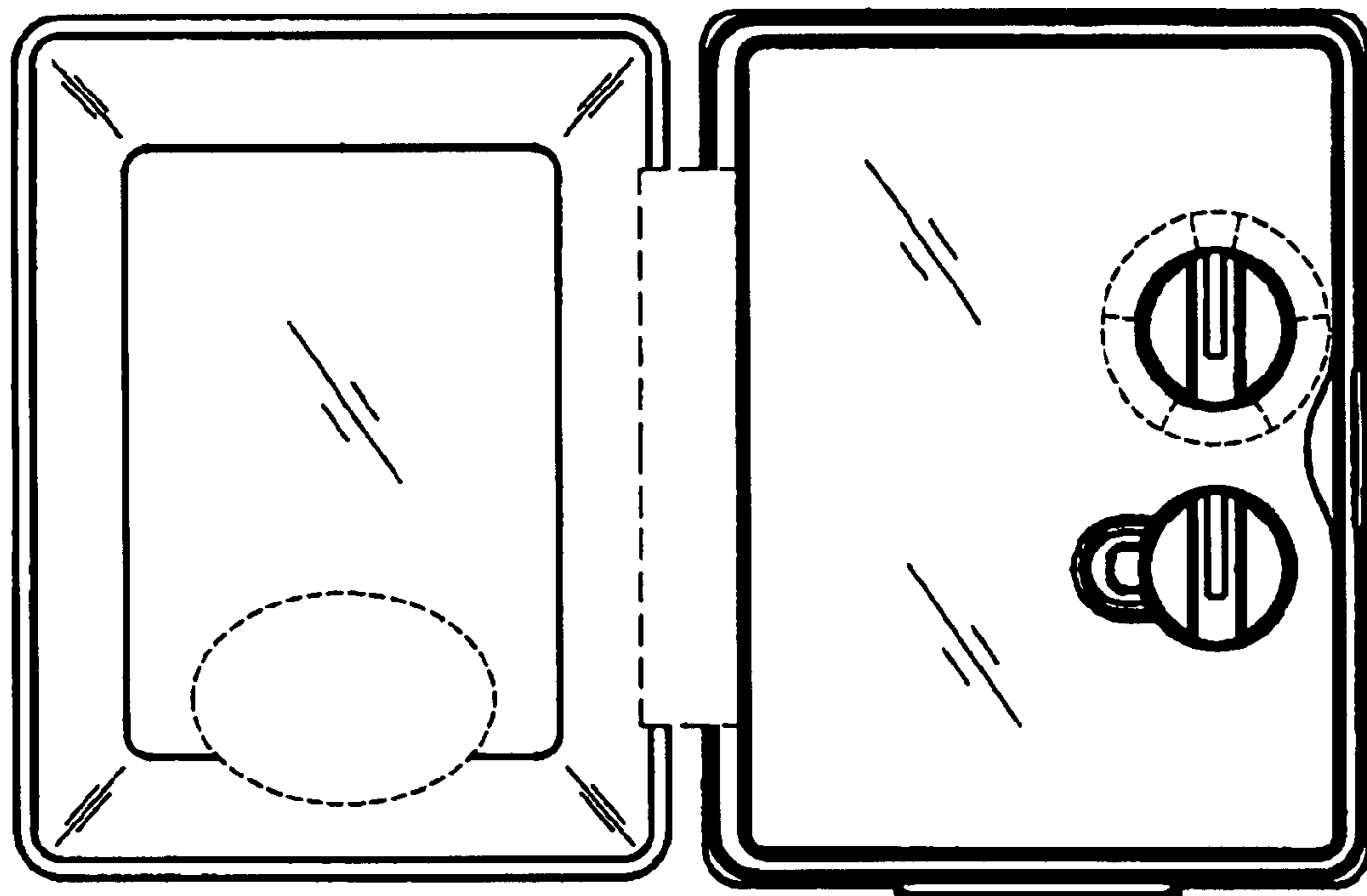


FIG 11

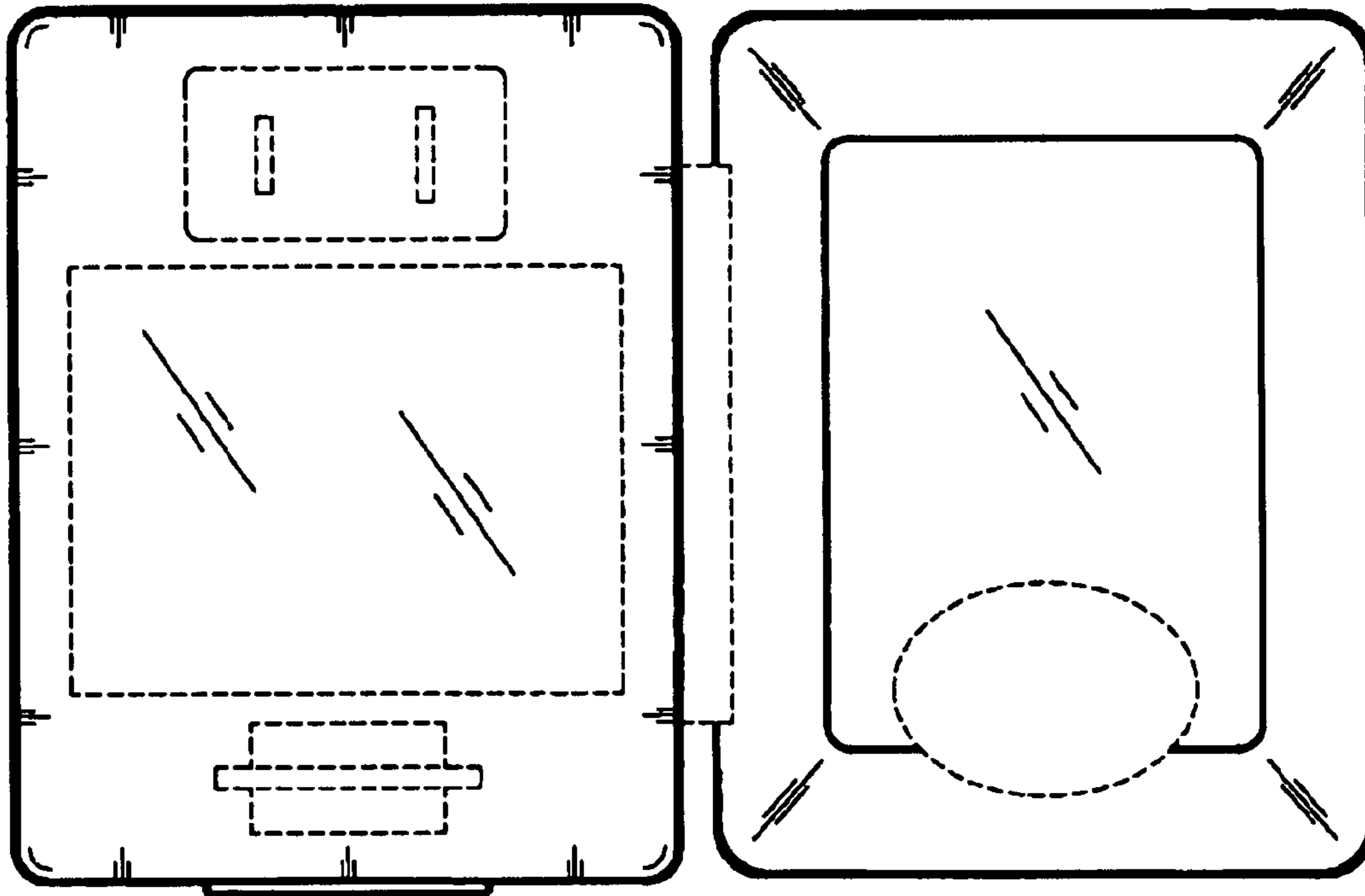


FIG 12

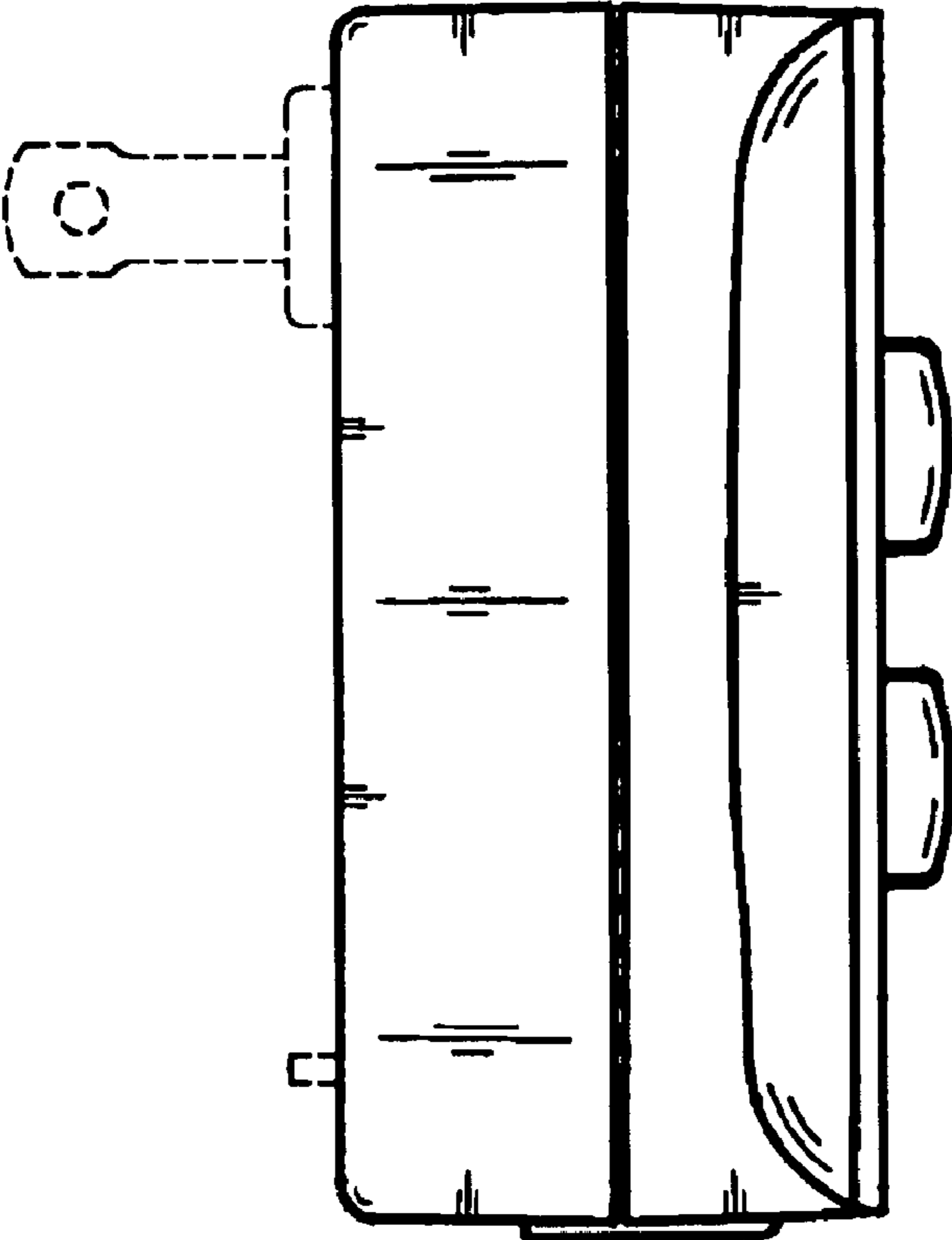


FIG 13

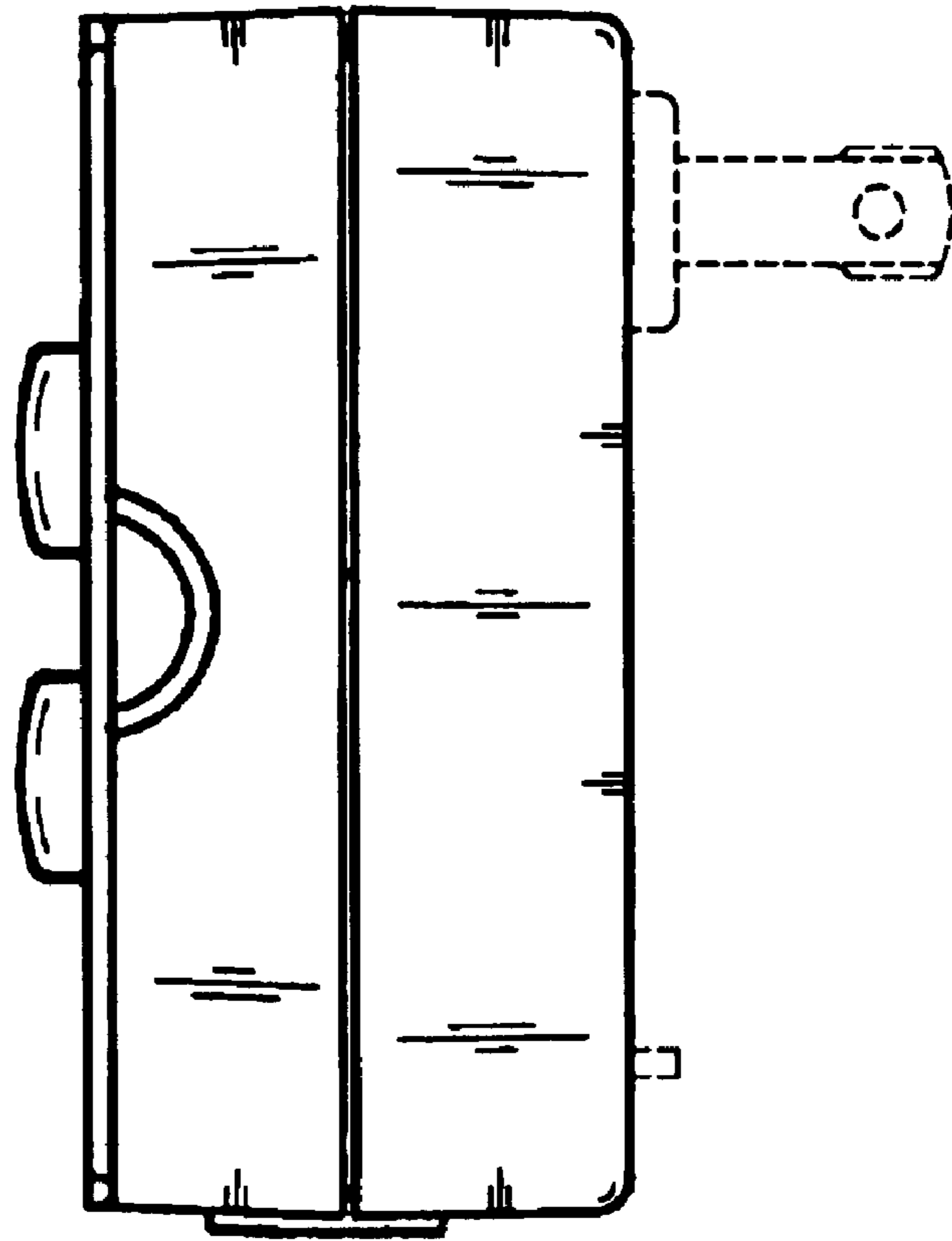


FIG 14

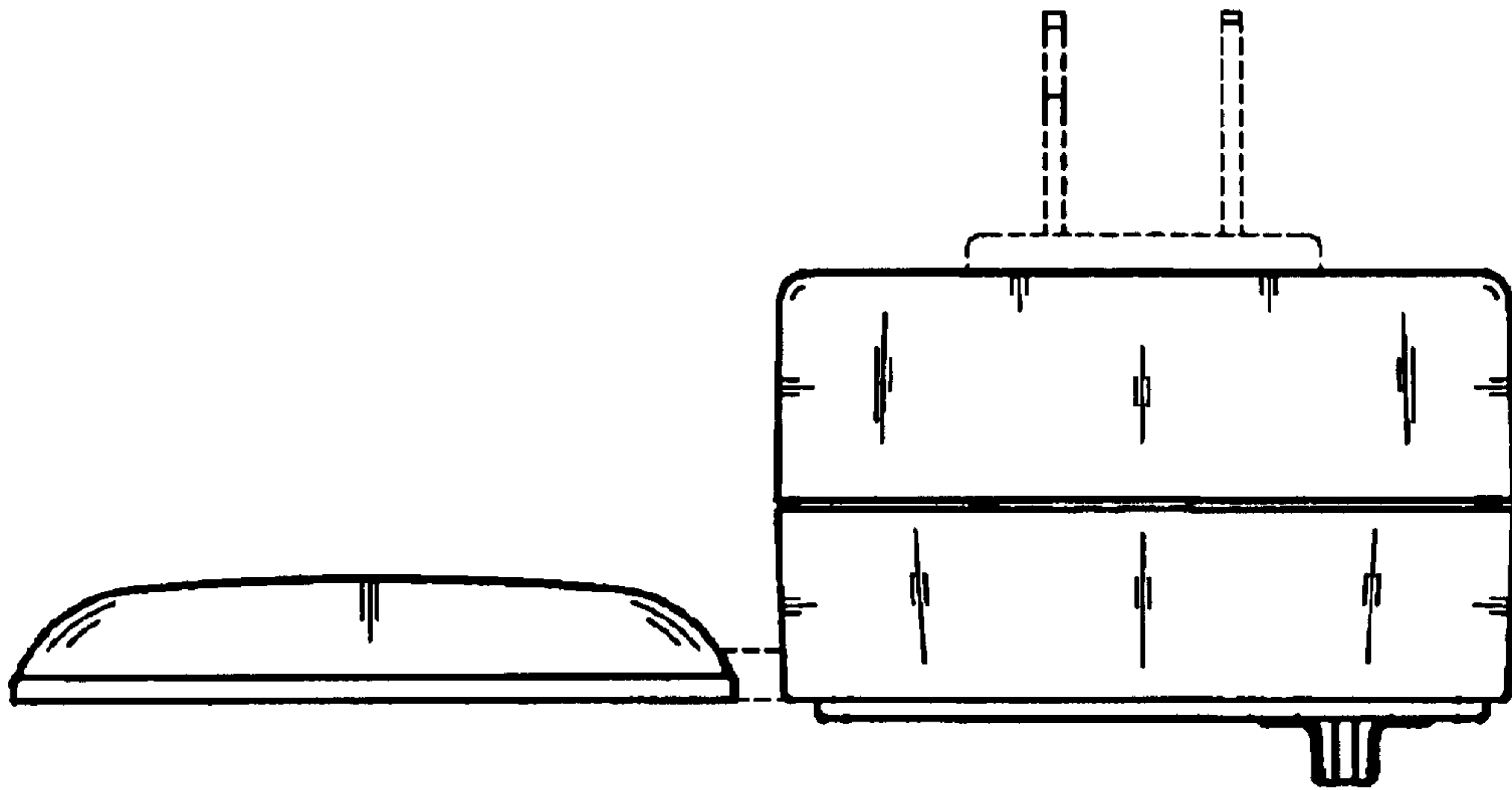


FIG 15

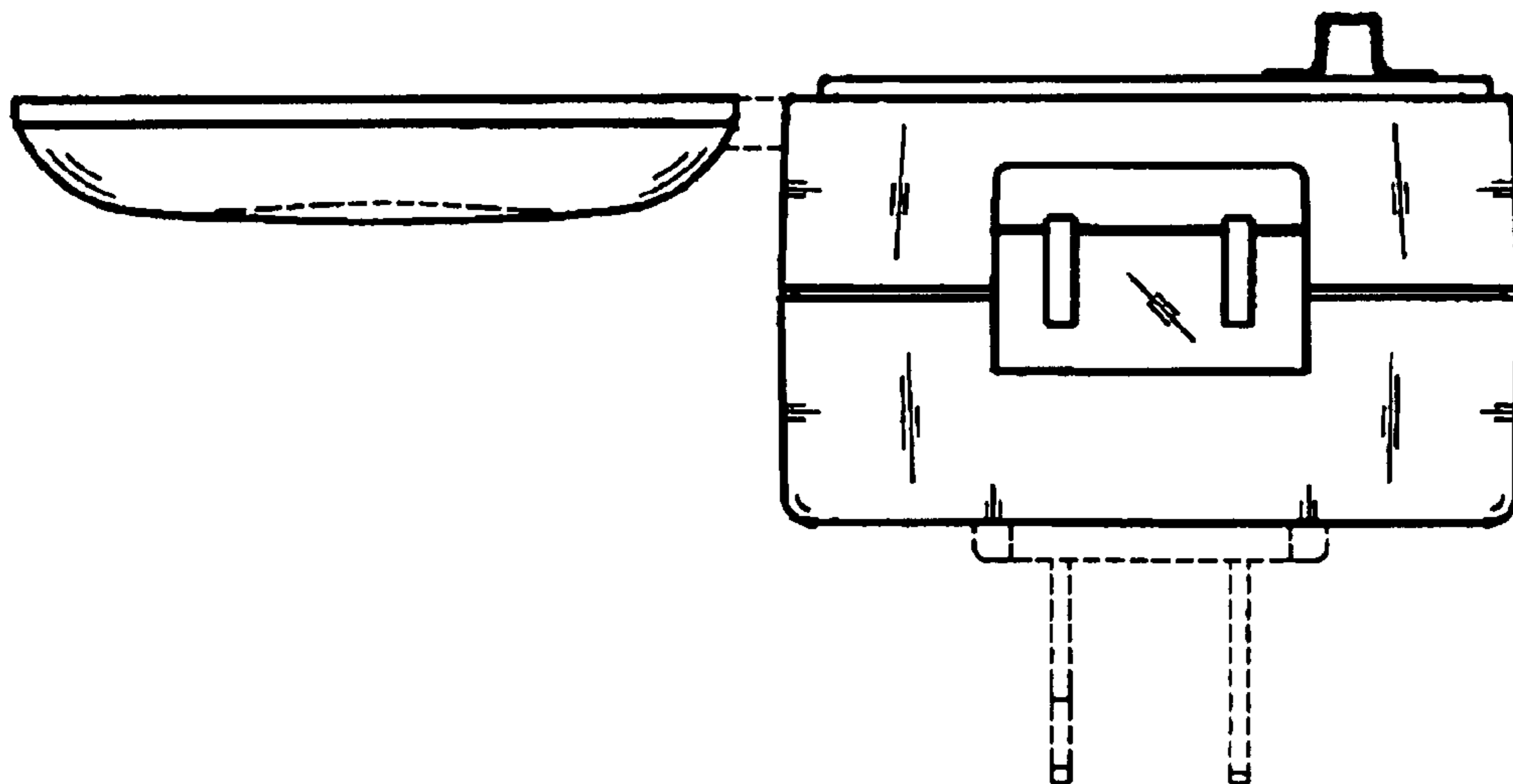


FIG 16

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : Des. 492,263 S
DATED : June 29, 2004
INVENTOR(S) : Christopher Murray

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page,

Item [56], **References Cited**, OTHER PUBLICATIONS,

“AM 466” reference, “productsx 10” should be -- products/x 10 --; and

“Polarzied” should be -- Polarized --.

“2-way Lamp module” reference, “www.10.com” should be -- www.x10.com --.

“Wireles Transceiver Module” reference “Wireles” should be -- Wireless --.

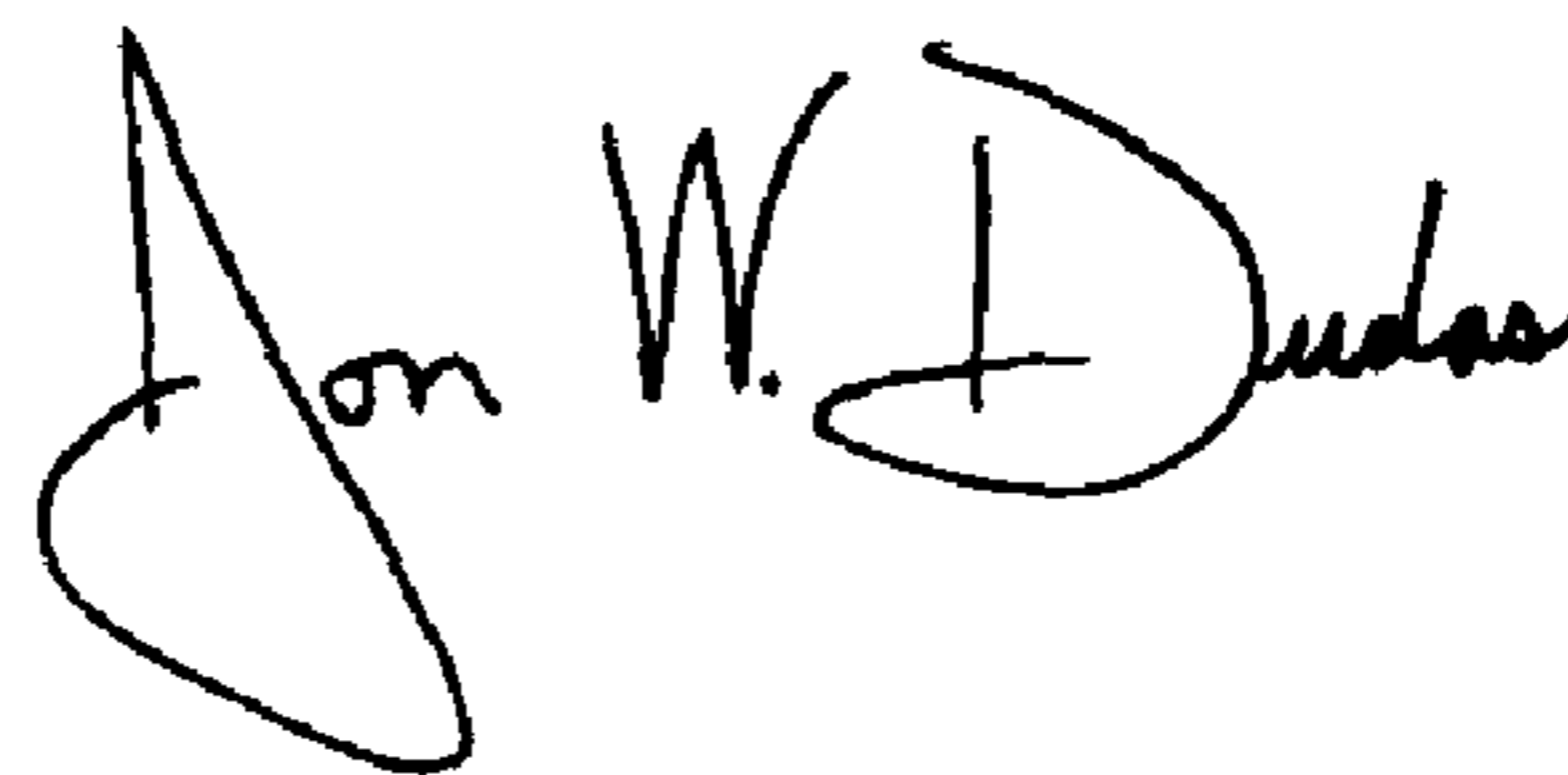
Item [57], **DESCRIPTION**,

Lines 2 and 3, delete “a second preferred embodiment of the”

Lines 19 and 20, delete “the second preferred embodiment of the”.

Signed and Sealed this

Sixteenth Day of November, 2004

A handwritten signature in black ink that reads "Jon W. Dudas". The signature is written in a cursive style with a large, looped initial "J".

JON W. DUDAS

Director of the United States Patent and Trademark Office