US00D487728S

(12) United States Design Patent

Murray

(10) Patent No.: US D487,728 S
(45) Date of Patent: ** Mar. 23, 2004

(54) **HOME AUTOMATION CONTROL MODULE**

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

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

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

(21) Appl. No.: **29/180,041**

(22) Filed: **Apr. 17, 2003**

(51) **LOC (7) Cl.** **13-03**
(52) **U.S. Cl.** **D13/162**
(58) **Field of Search** D10/106; D13/133, D13/147, 152, 158, 162, 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, 83

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,200,862	A	* 4/1980	Campbell et al.	340/310.01
4,418,333	A	* 11/1983	Schwarzbach et al.	340/310.01
D276,718	S	* 12/1984	Goodin et al.	D13/164

(List continued on next page.)

OTHER PUBLICATIONS

2–Way Appliance Module—2 pin (AM14A) Reproduced from http://www.x10.com/products/x10_am14a.htm.
AM466 Appliance Module—3 Prong Grounded Reproduced from http://www.x10.com/products/x10_am466.htm.
AM486 Appliance Module—2 PIN Polarzied Reproduced from http://www.10.com/products/x10_am486.htm.

(List continued on next page.)

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

(57) **CLAIM**

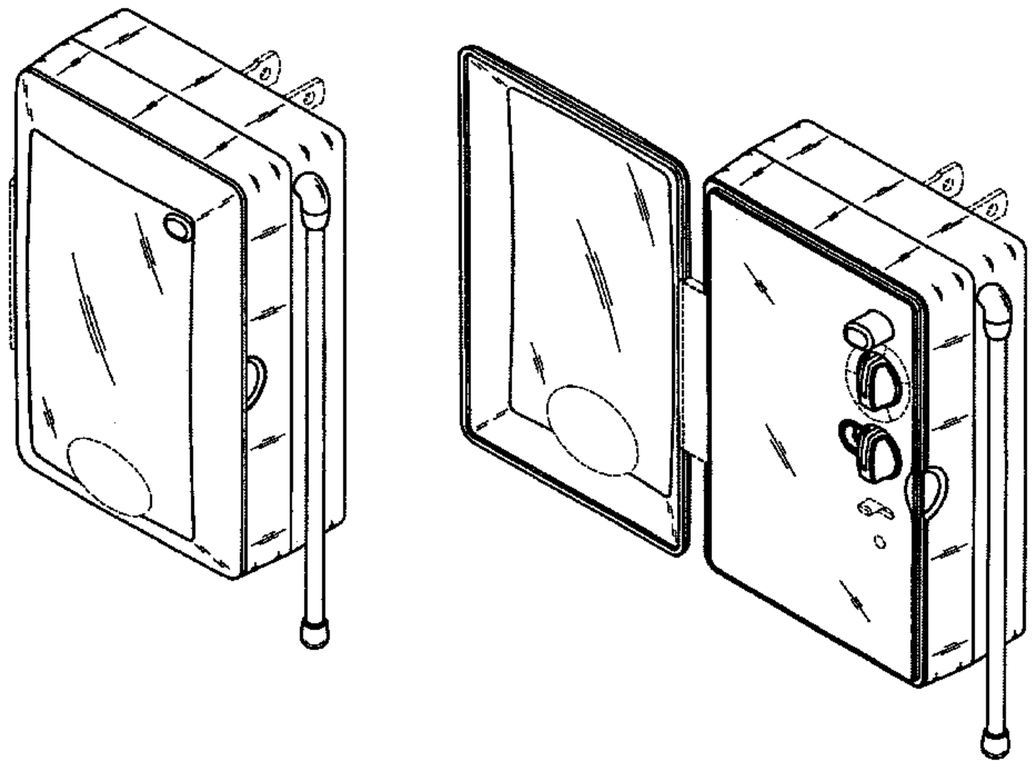
The ornamental design for a home automation control module, as shown and described.

DESCRIPTION

FIG. **1** is a front isometric view of a home automation control module in a closed state of the present invention;
FIG. **2** is a rear isometric view of the home automation control module shown in FIG. **1**;
FIG. **3** is a front elevation view of the home automation control module shown in FIG. **1**;
FIG. **4** is a rear elevation view of the home automation control module shown in FIG. **1**;
FIG. **5** is a right side view of the home automation control module shown in FIG. **1**;
FIG. **6** is a left side view of the home automation control module shown in FIG. **1**;
FIG. **7** is a top plan view of the home automation control module shown in FIG. **1**;
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 of the present invention;
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**;
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**.

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.

1 Claim, 14 Drawing Sheets



U.S. PATENT DOCUMENTS

D278,142	S	*	3/1985	Chan	D13/164
D325,902	S	*	5/1992	Hudson et al.	D13/184
D381,633	S	*	7/1997	Hiyakumoto et al.	D13/162
D400,513	S	*	11/1998	Seirio	D13/184
5,905,442	A	*	5/1999	Mosebrook et al.	340/3.7
D425,493	S	*	5/2000	Cutright et al.	D13/184
6,587,739	B1	*	7/2003	Abrams et al.	700/83

* cited by examiner

OTHER PUBLICATIONS

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.

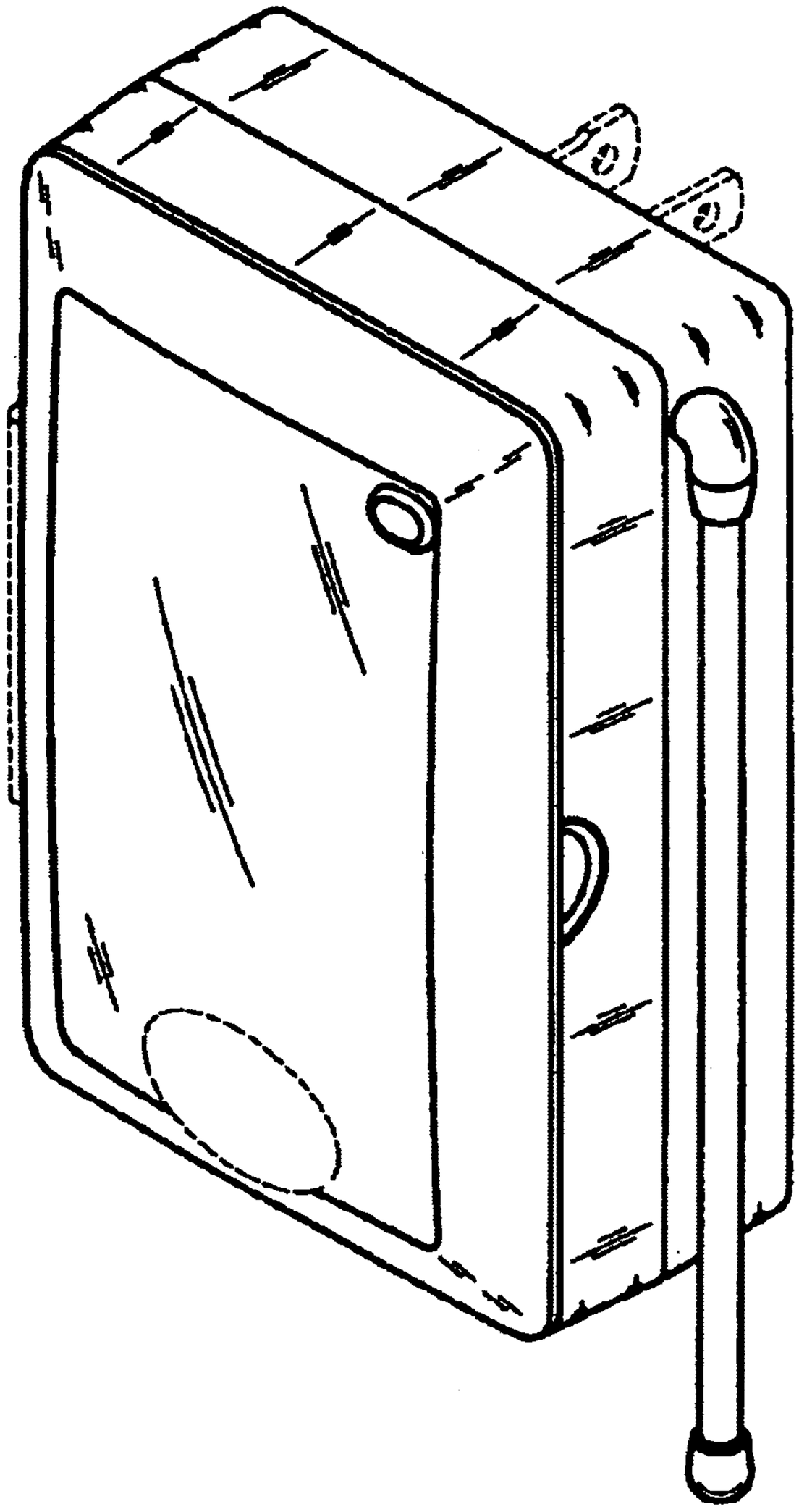


FIG 1

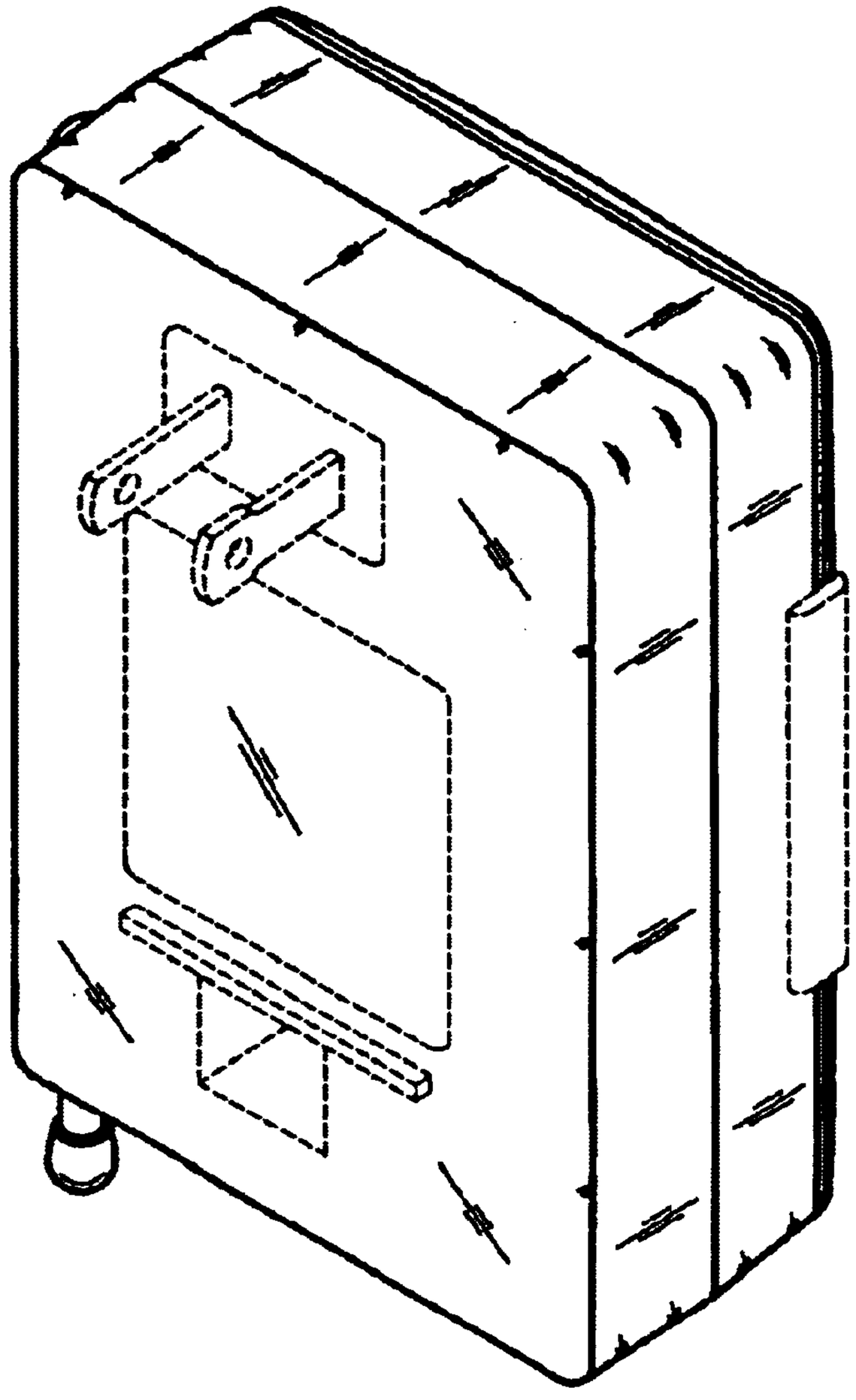


FIG 2

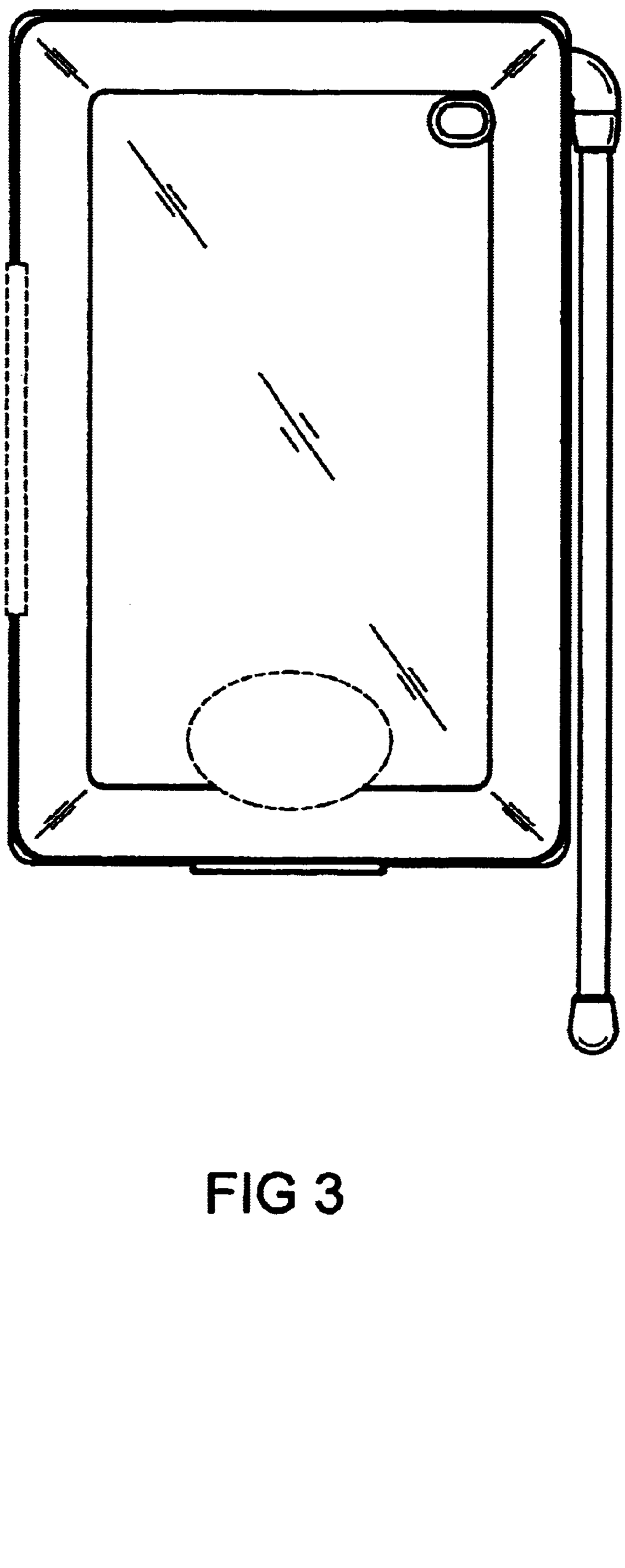


FIG 3

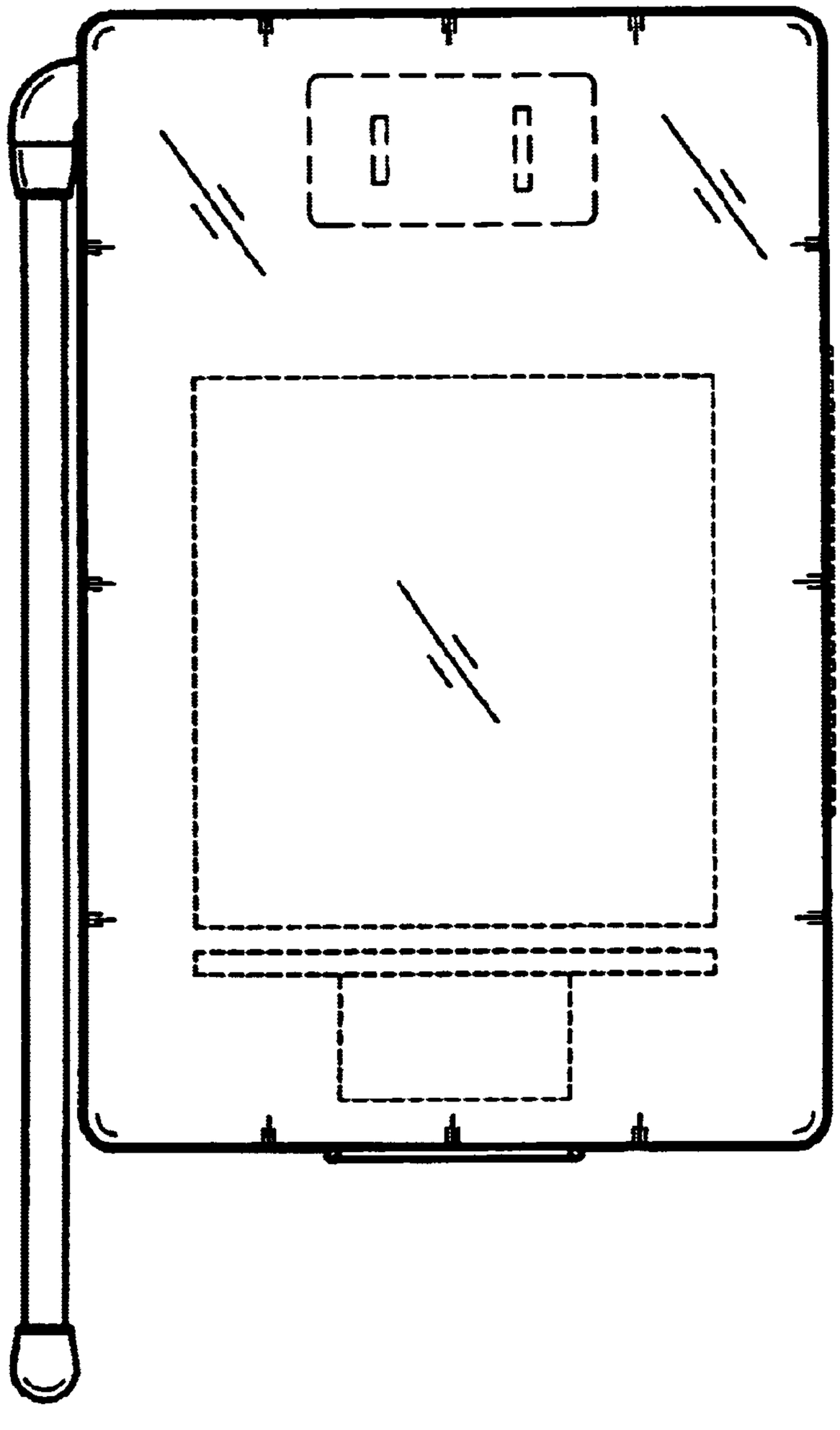


FIG 4

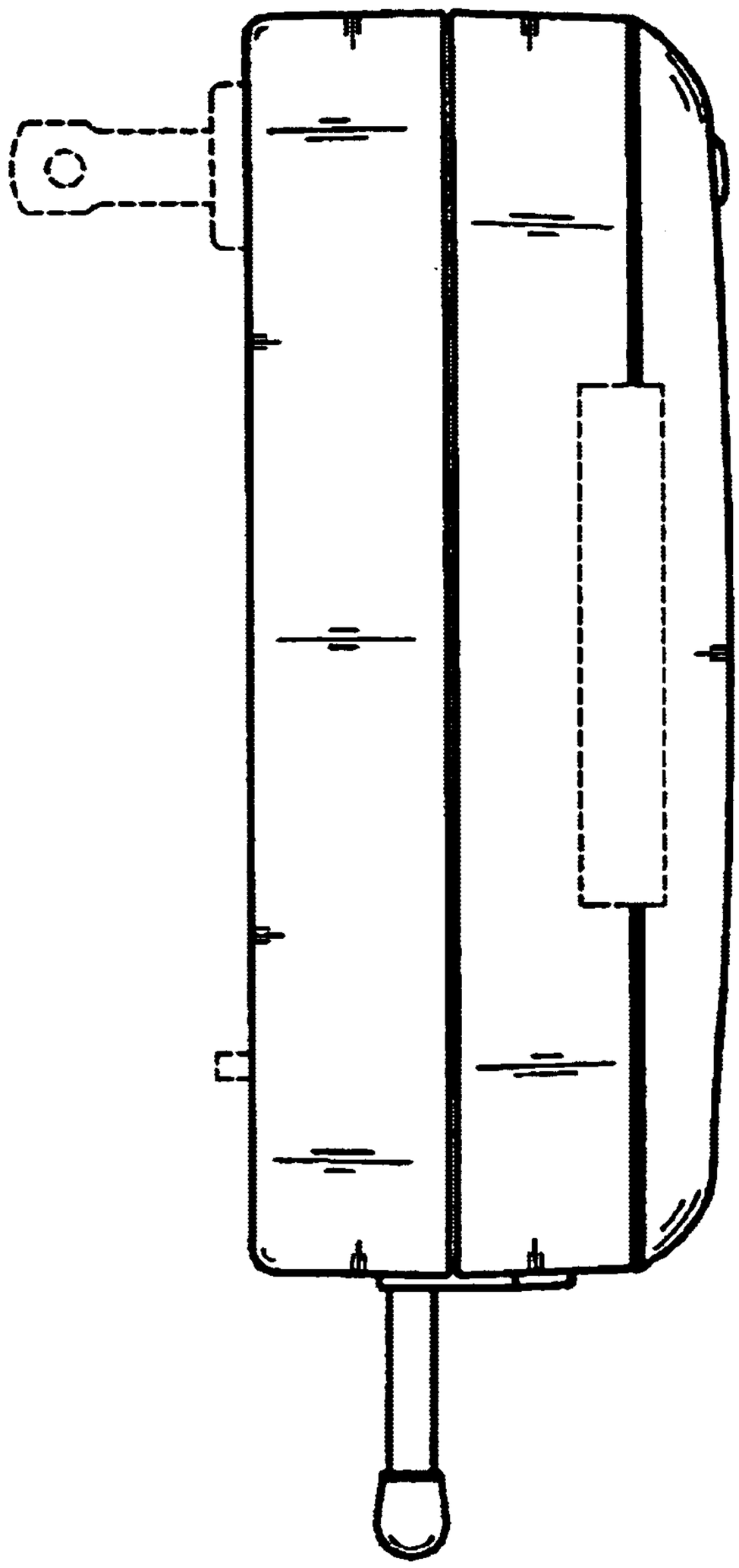


FIG 5

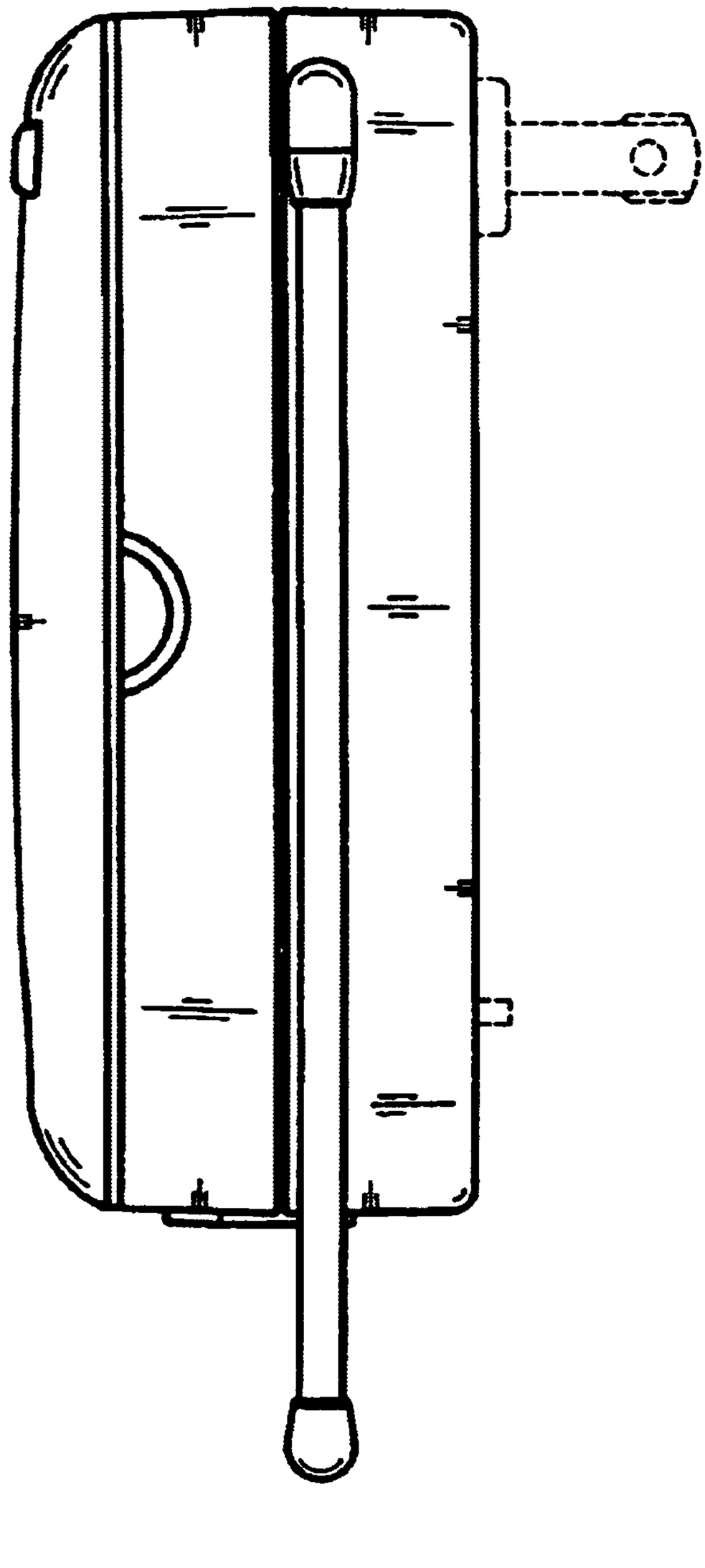


FIG 6

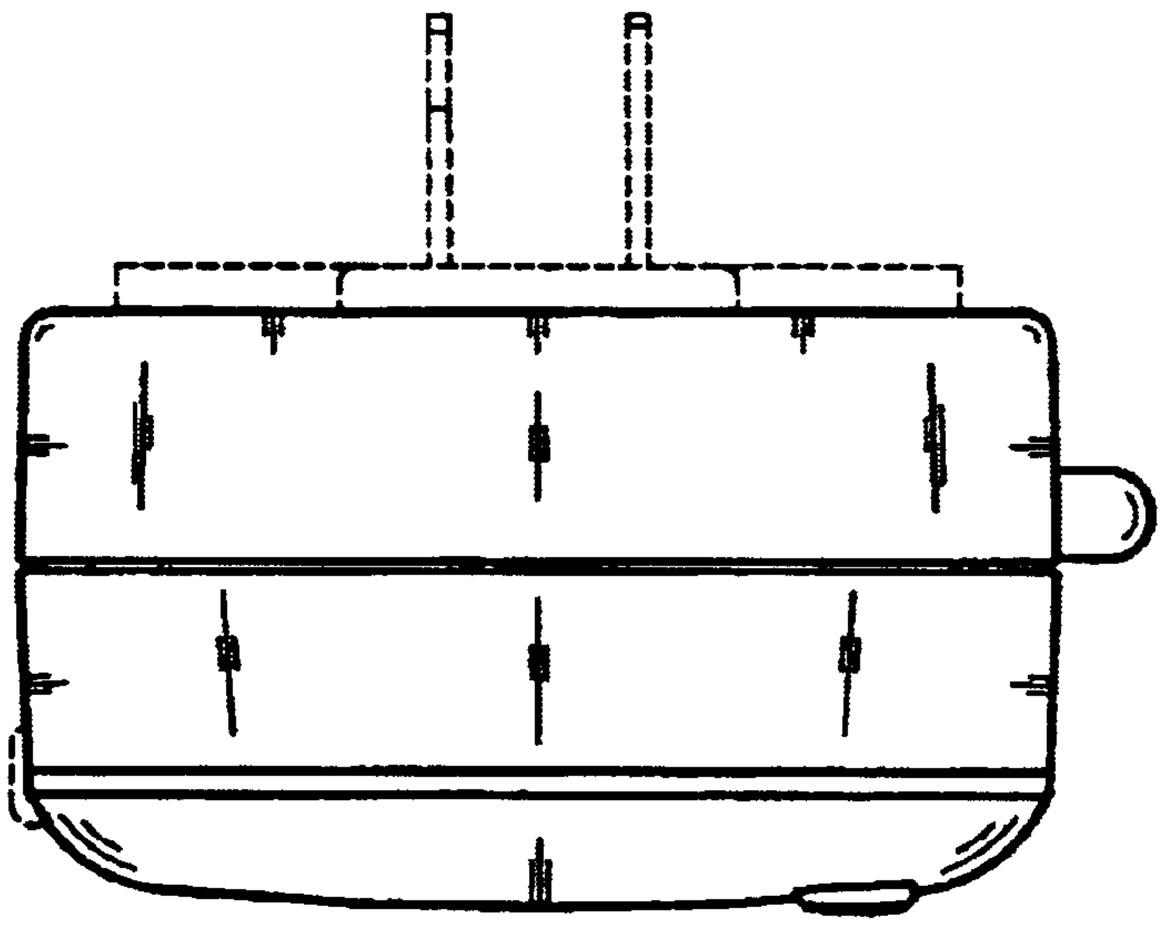


FIG 7

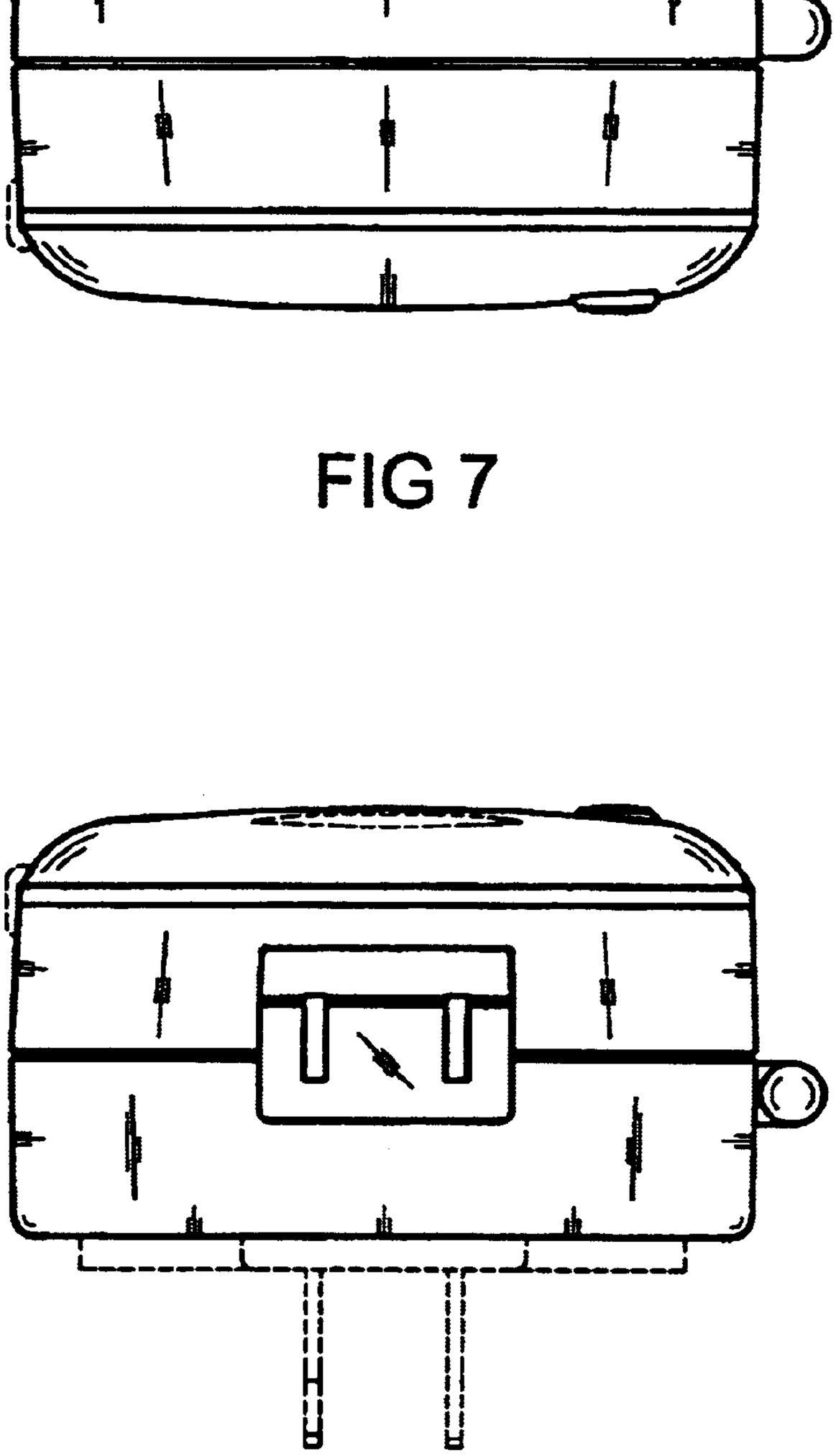


FIG 8

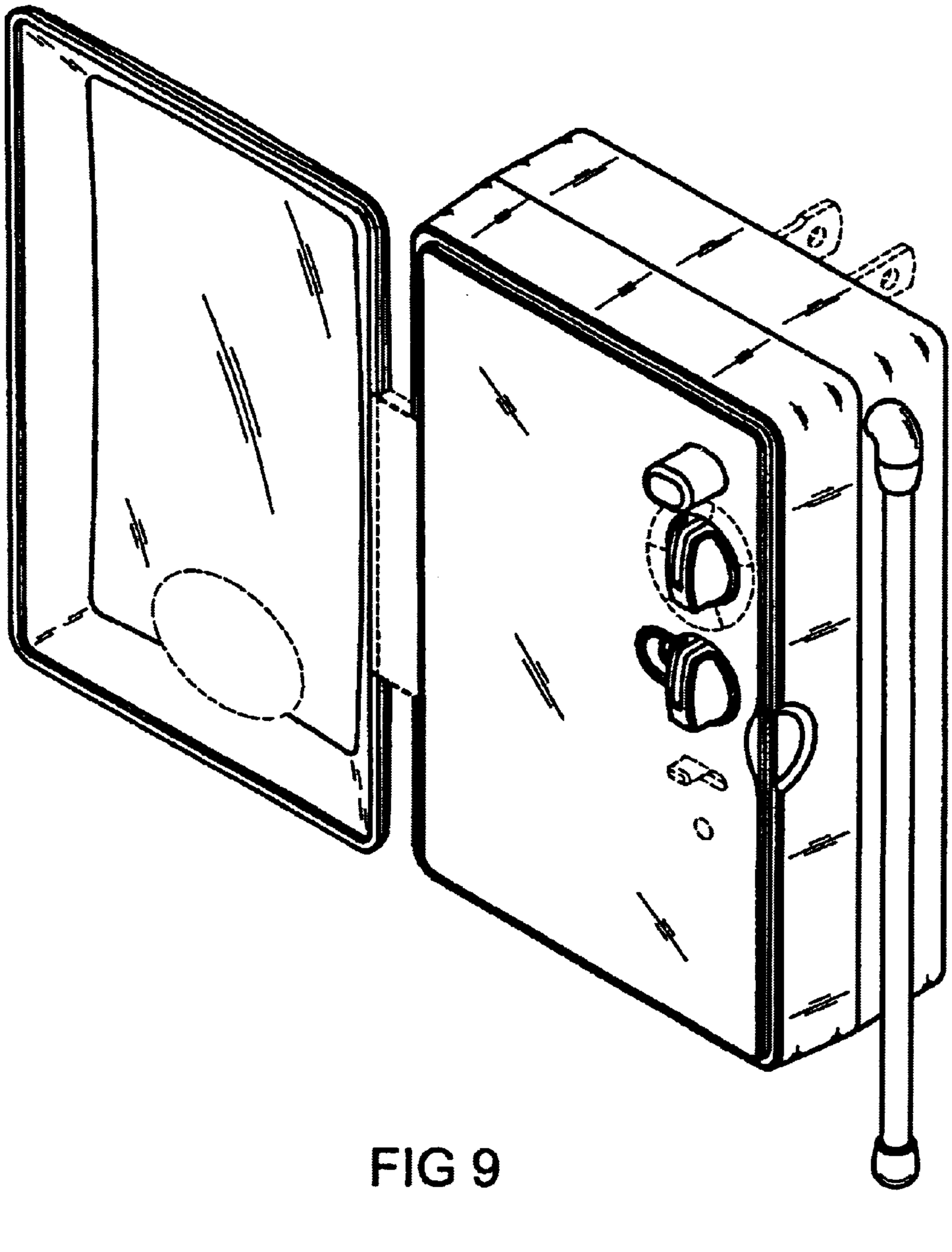


FIG 9

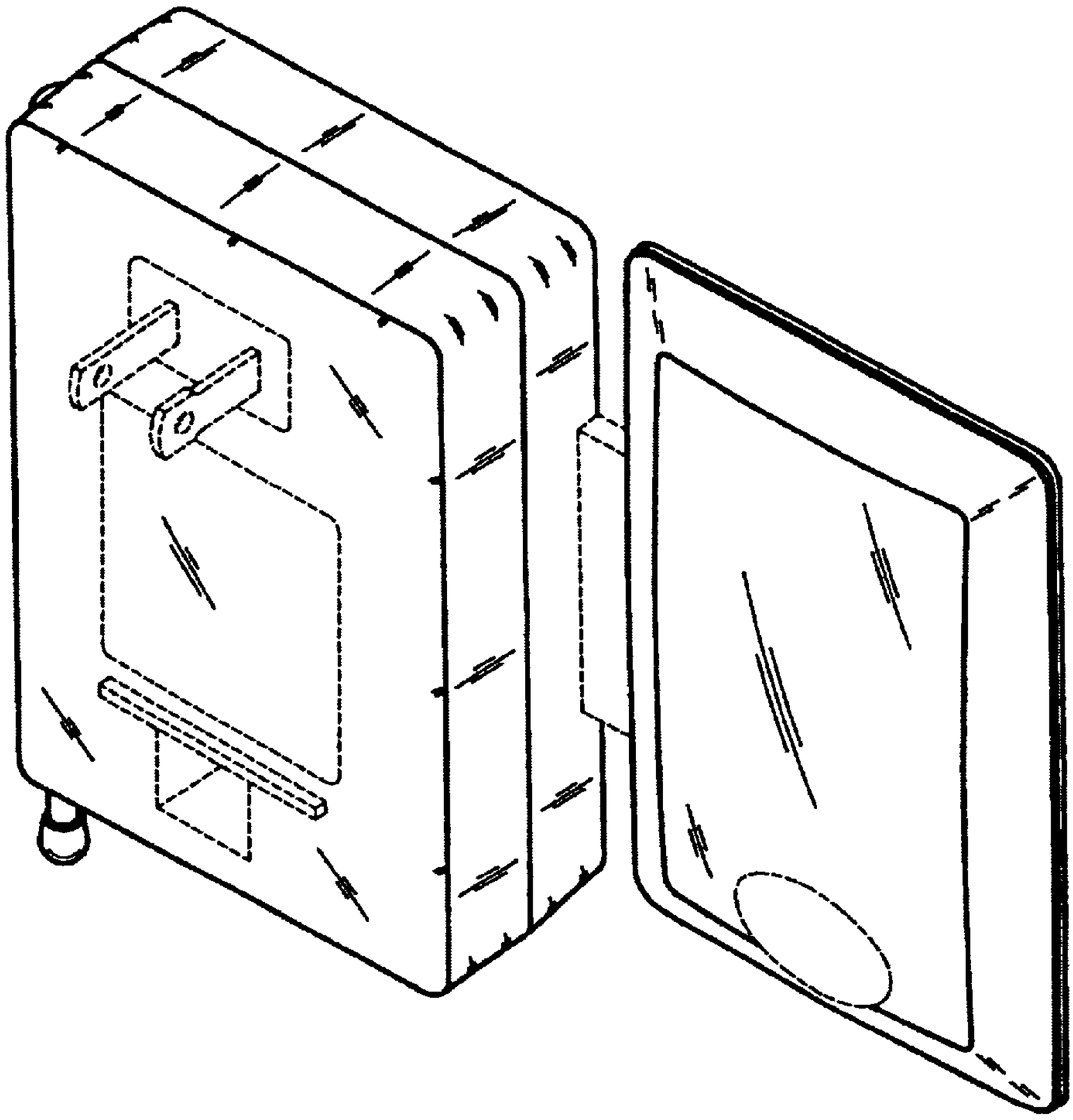


FIG 10

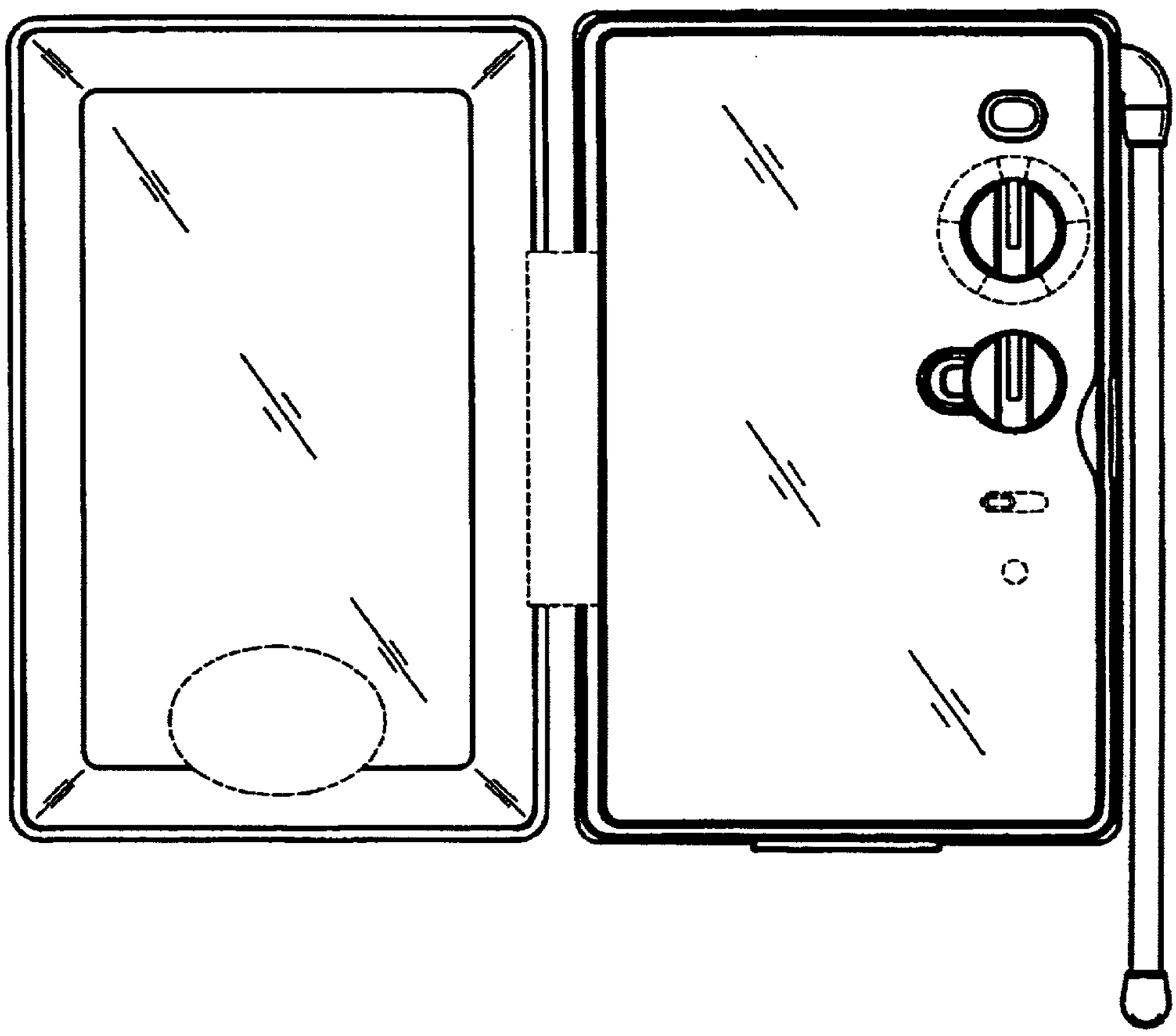


FIG 11

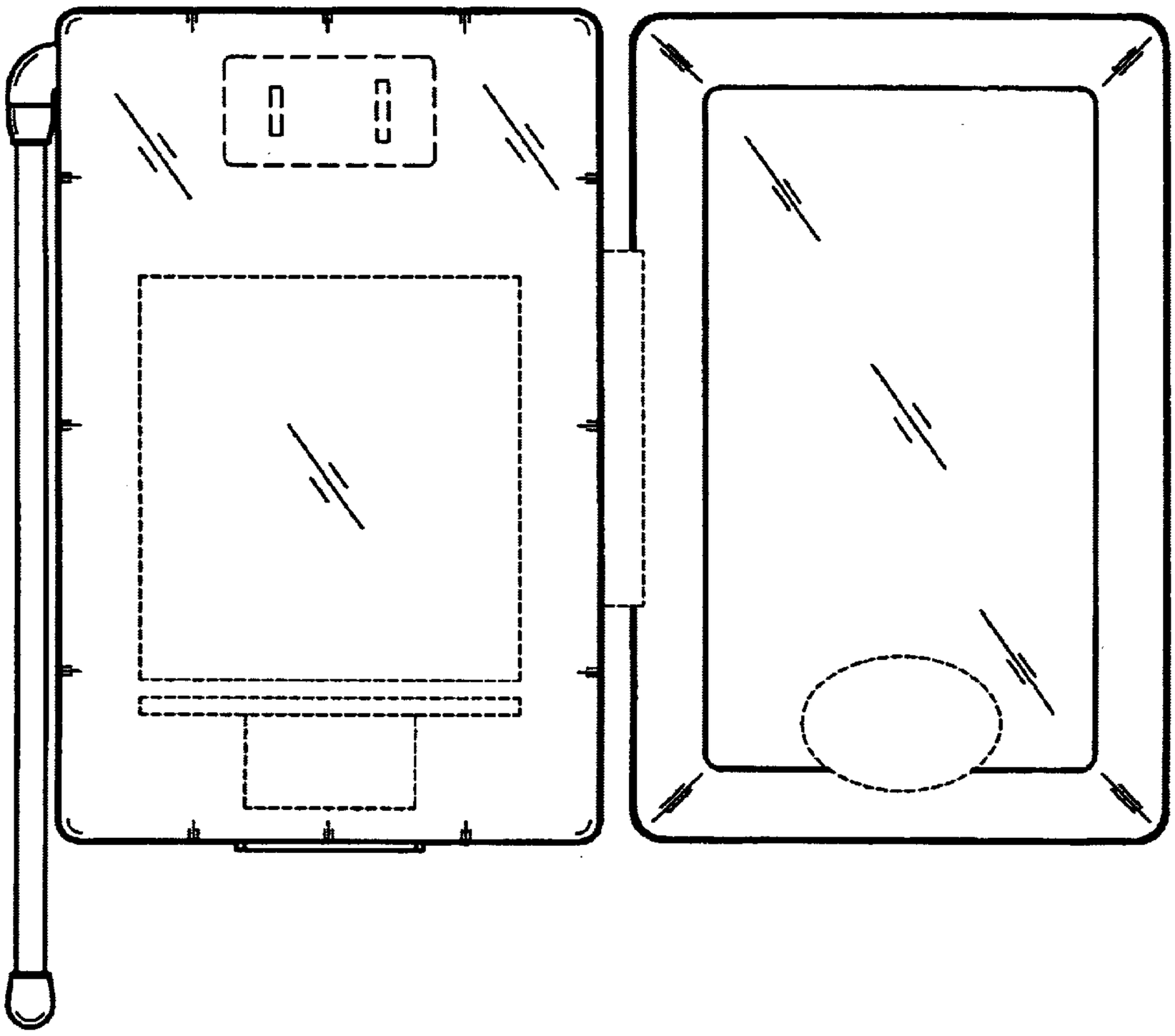


FIG 12

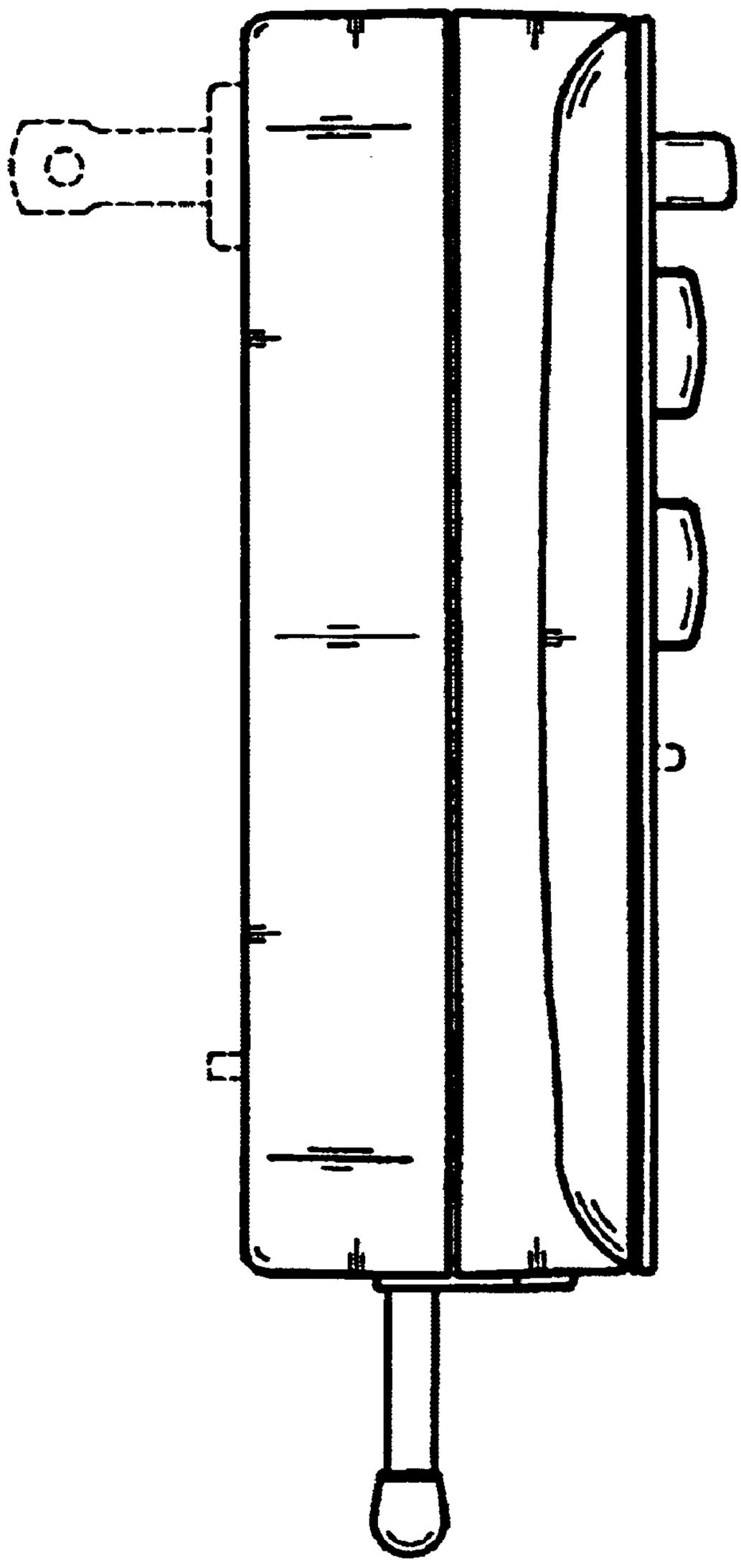


FIG 13

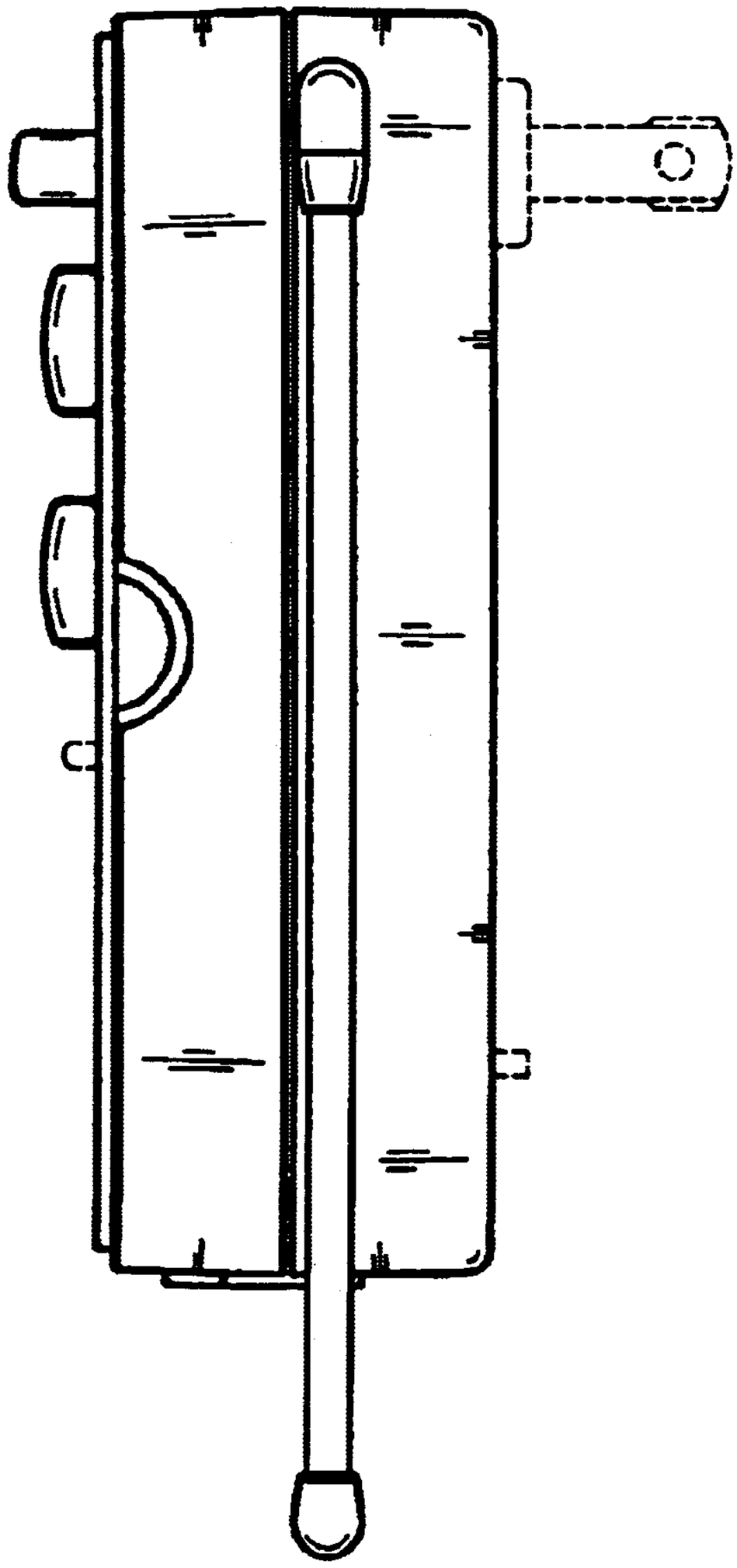


FIG 14

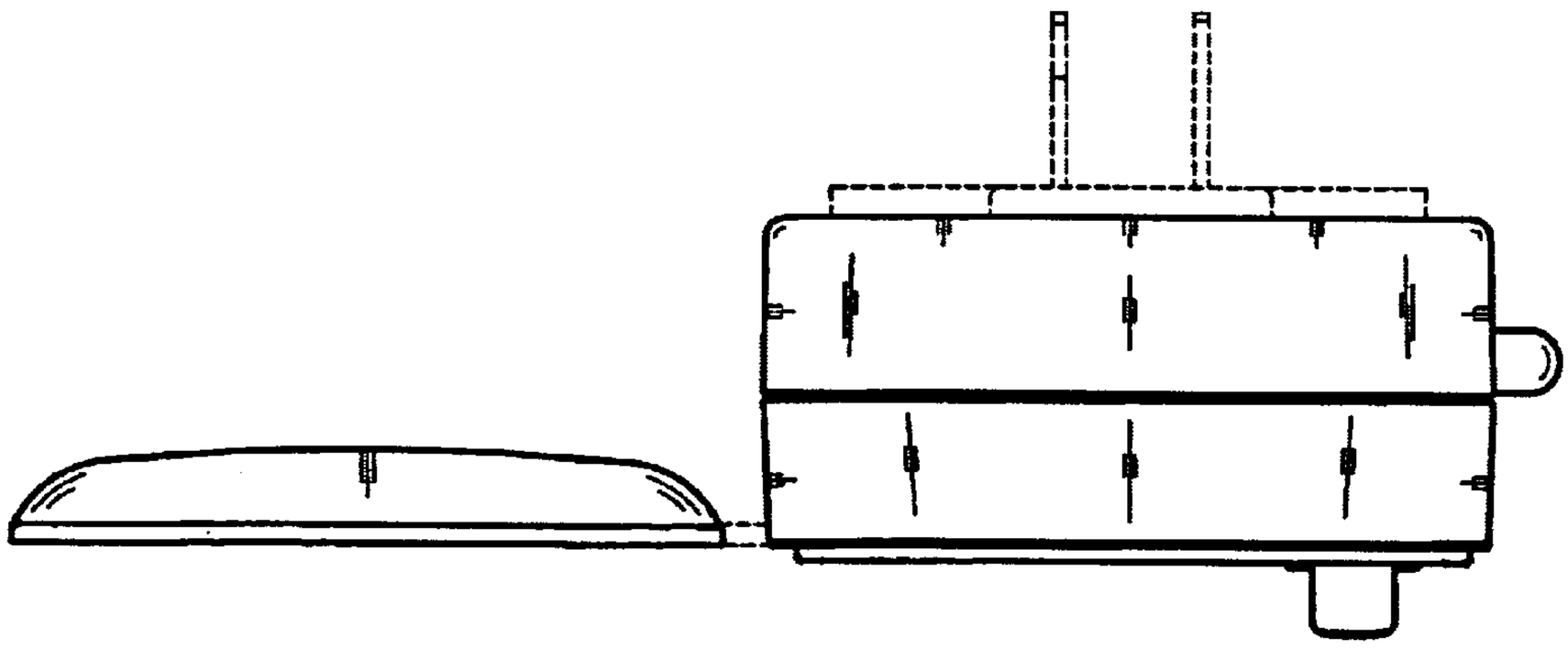


FIG 15

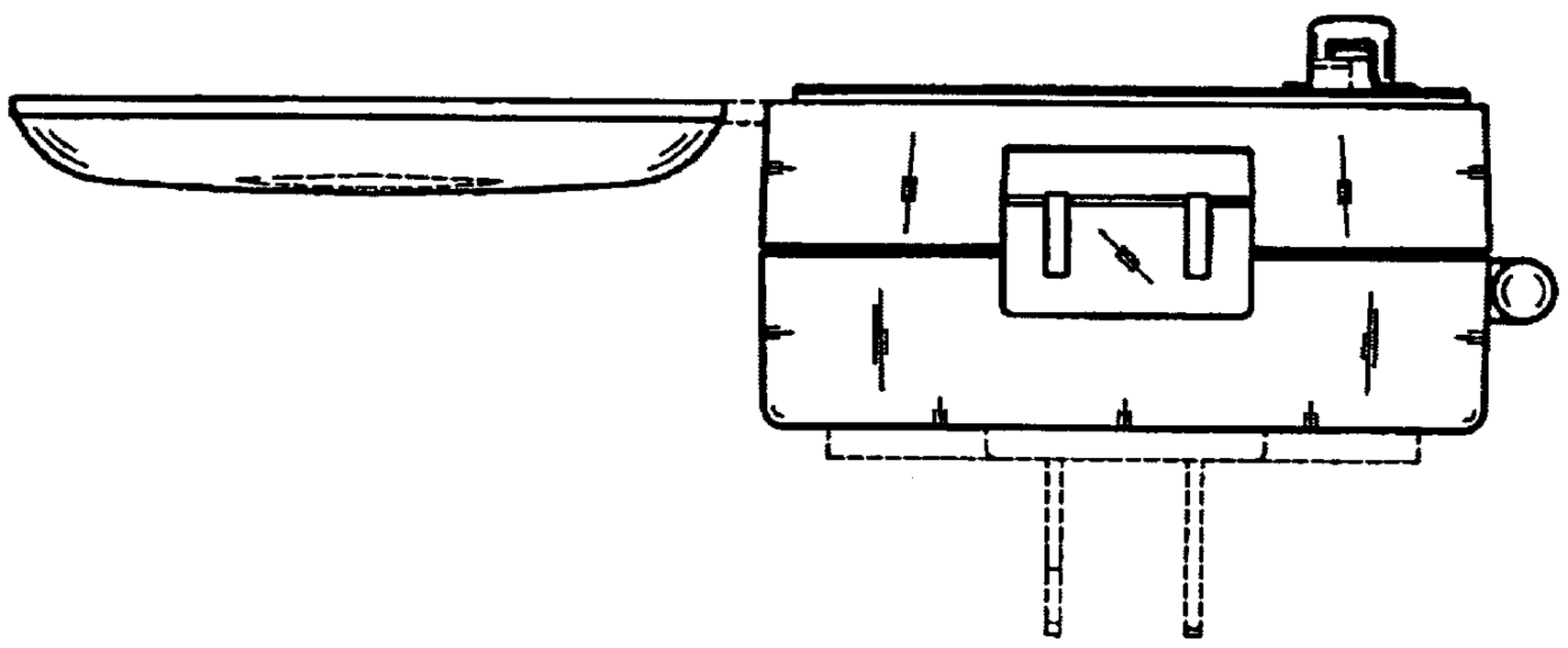


FIG 16