



US00D477573S

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

(10) **Patent No.: US D477,573 S**

(45) **Date of Patent: ** *Jul. 22, 2003**

(54) **DIMMER SWITCH**

OTHER PUBLICATIONS

(75) Inventors: **Noel Mayo**, Philadelphia, PA (US);
Jason O. Adams, Emmaus, PA (US);
Carl W. Gomes, Ocean, NJ (US);
Elliot G. Jacoby, Glenside, PA (US);
Roland L. Ledyard, Bethlehem, PA
(US); **Michael W. Pessina**, Allentown,
PA (US); **Michael A. Ryan**, Allentown,
PA (US); **Joel S. Spira**, Coopersburg,
PA (US)

Faedra Smart Dimmer, [online][retrieved on Feb. 25, 2002].
Internet:<URL: <http://www2.lutron.com>>.*

(List continued on next page.)

(73) Assignee: **Lutron Electronics Co., Inc.**,
Coopersburg, PA (US)

Primary Examiner—Ted Shooman
Assistant Examiner—Selina Sikder
(74) *Attorney, Agent, or Firm*—Drinker Biddle & Reath
LLP

(*) Notice: This patent is subject to a terminal dis-
claimer.

(57) **CLAIM**

The ornamental design for a dimmer switch, as shown and
described.

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

DESCRIPTION

(21) Appl. No.: **29/151,496**

FIG. 1 is a perspective view of a dimmer switch showing our
new design;

(22) Filed: **Nov. 13, 2001**

FIG. 2 is a perspective view of a second embodiment of the
design of FIG. 1, the only difference being the pushbutton
actuator is shown in solid black to indicate that the color of
the pushbutton actuator contrasts with the color of remaining
portions of the design of FIG. 1;

(51) **LOC (7) Cl.** **13-02**

(52) **U.S. Cl.** **D13/171**

(58) **Field of Search** D8/350–353, 330,
D8/343; D6/300, 309; D13/125, 162, 169,
170, 171, 174, 177; D23/254; 16/402; 174/48,
52.1, 66; 200/5 R, 5 A, 16 R, 42.01, 237,
293, 308, 310, 313–314, 324, 329, 331,
341, 519, 547; 292/357; 220/240; 307/125

FIG. 3 is a front elevational view of the design shown in
FIG. 1;

FIG. 4 is a rear elevational view thereof;

FIG. 5 is a left side elevational view thereof;

FIG. 6 is a right side elevational view thereof;

FIG. 7 is a top plan view thereof;

FIG. 8 is a bottom plan view thereof;

FIG. 9 is a perspective view of a third embodiment of the
design of FIG. 1, the only difference being the elimination
of the airgap switch actuator at the bottom of the actuator
mounting frame;

FIG. 10 is a front elevational view thereof; and,

FIG. 11 is a bottom plan view thereof, the remaining views
being identical to those of the second embodiment.

The broken line showing of the environment is for illustra-
tive purposes only and forms no part of the claimed design.

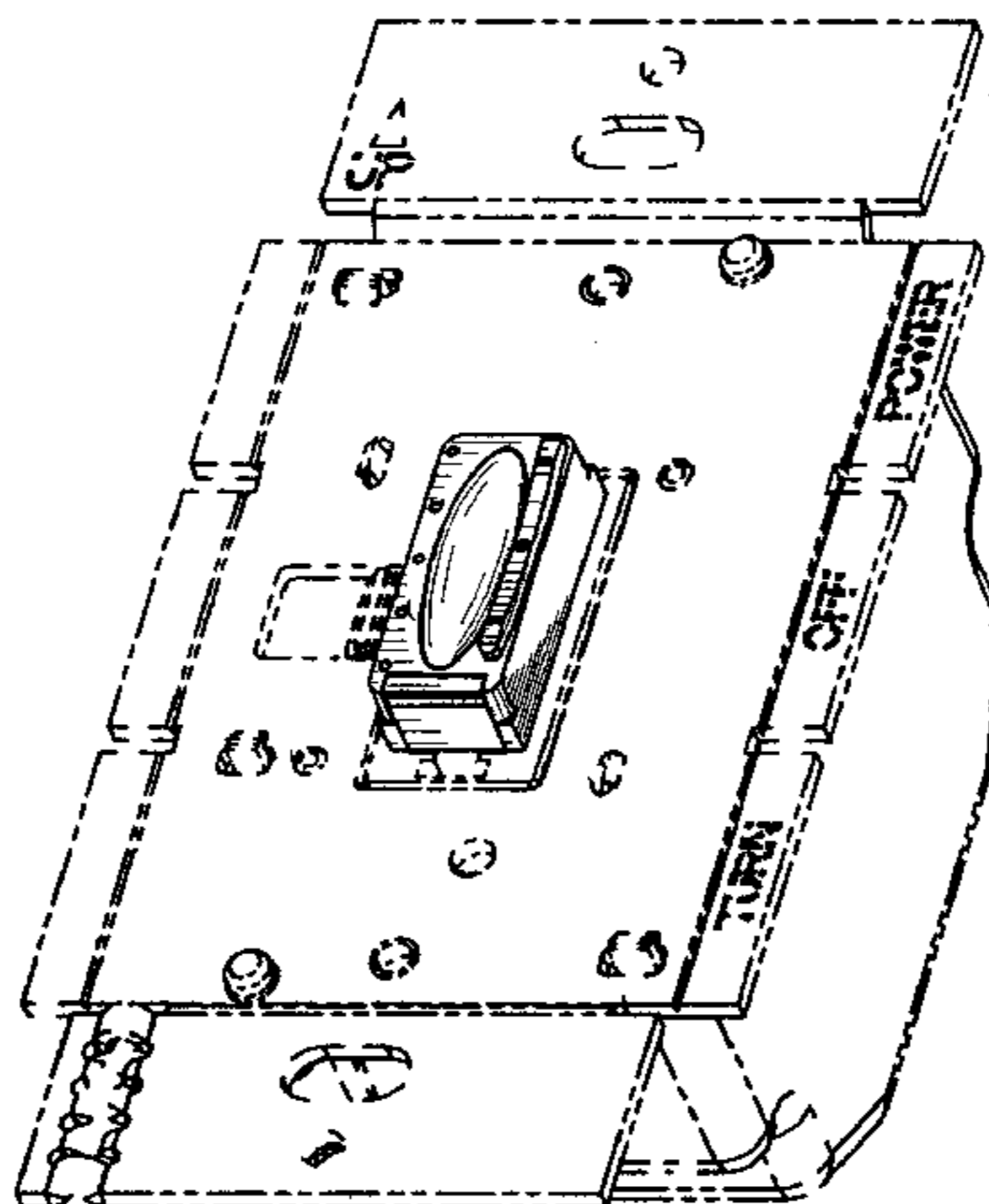
(56) **References Cited**

U.S. PATENT DOCUMENTS

1,829,422	A	*	10/1931	Seltzer	.....	220/241
2,141,936	A	*	12/1938	Schmitt	.....	200/304
D151,305	S	*	10/1948	Waltman	.....	D8/350
2,460,599	A		2/1949	Rowe	.....	74/565
D153,803	S	*	5/1949	Huppert	.....	D8/352
3,571,545	A		3/1971	Haderer	.....	200/166

(List continued on next page.)

1 Claim, 8 Drawing Sheets



U.S. PATENT DOCUMENTS

3,684,850	A	8/1972	Kaderbek et al.	200/166
3,939,318	A	2/1976	Brown et al.	200/159 R
4,109,121	A	8/1978	Bauer et al.	200/67 E
4,159,563	A	7/1979	Bauer et al.	29/622
D253,342	S	* 11/1979	Mayo	D13/125
4,352,964	A	10/1982	English	200/5 A
4,672,229	A	6/1987	Skarman et al.	307/115
4,695,820	A	* 9/1987	D'Aleo et al.	338/179
4,783,581	A	11/1988	Flowers et al.	200/332
4,803,380	A	2/1989	Jacoby, Jr. et al.	307/157
4,822,963	A	4/1989	Martin	200/296
4,833,277	A	* 5/1989	Jacoby, Jr. et al.	174/66
4,835,343	A	5/1989	Graef et al.	174/66
4,871,893	A	10/1989	Slovak et al.	200/16 R
4,880,950	A	11/1989	Carson et al.	200/547
4,939,383	A	7/1990	Tucker et al.	307/139
4,947,054	A	8/1990	Flowers et al.	307/125
5,068,639	A	11/1991	Swanson et al.	338/179
D337,755	S	7/1993	Rowen et al.	D13/170
5,248,919	A	9/1993	Hanna et al.	315/291
5,262,678	A	11/1993	Flowers et al.	307/125
D342,234	S	12/1993	Graybill, Jr. et al.	D13/169
5,338,910	A	8/1994	Tsai	200/547
5,343,007	A	8/1994	Roeser	200/296
5,359,231	A	10/1994	Flowers et al.	307/125
D353,798	S	12/1994	Bryde et al.	D13/169
5,399,821	A	3/1995	Inagaki et al.	200/341
5,428,674	A	6/1995	Kawashima	379/100
5,446,252	A	8/1995	Burger	200/329
D364,141	S	11/1995	Hanna et al.	D13/125
5,584,380	A	12/1996	Naitou	200/315
5,608,196	A	3/1997	Hall et al.	200/61.19
5,637,930	A	6/1997	Rowen et al.	307/112
5,669,484	A	9/1997	Paulson	200/43.22
5,675,125	A	10/1997	Hollinger	174/66
5,721,405	A	2/1998	Hamada	200/16 R
5,753,983	A	5/1998	Dickie et al.	307/141.4
5,821,482	A	10/1998	Ootani et al.	200/5 A
5,844,182	A	12/1998	Hirano et al.	200/5 R
5,881,866	A	3/1999	Miyajima et al.	200/513

5,909,087	A	6/1999	Bryde et al.	315/149
5,921,381	A	7/1999	Von Arx	200/345
5,949,149	A	* 9/1999	Shitanaka et al.	307/10.1
6,005,308	A	12/1999	Bryde et al.	307/157
6,013,885	A	1/2000	Kowalczyk	200/315
6,107,585	A	8/2000	Gehr	200/505
D439,220	S	3/2001	Mayo et al.	D13/125
D456,785	S	* 5/2002	Yu	D13/169

OTHER PUBLICATIONS

Photograph of Toggler® dimmer switch, Model TG-600PH, Lutron Electronics Co. Inc., Coopersburg, PA, known prior to Nov. 13, 2001.

Photograph of DIVA Duo brand dimmer switch and wall-plate, Model LDV-600P, Lutron Electronics Co. Inc., Coopersburg, PA, known prior to Nov. 13, 2001.

Photograph of Maestro® dimmer switch, Model MA-600H, Lutron Electronics Co. Inc., Coopersburg, PA, known prior to Nov. 13, 2001.

Photograph of Lumea 2 brand dimmer switch, Model LTLV-603PH, Lutron Electronics Co. Inc., Coopersburg, PA, known prior to Nov. 13, 2001.

Photograph of VAREO® dimmer switch, Model V-1000, Lutron Electronics Co., Inc., Coopersburg, PA, known prior to Nov. 13, 2001.

“Lutron® Residential Lighting Controls Catalog” by Lutron Electronics Co., Inc. of Coopersburg, PA, Oct. 31, 2001, pp. 30-32, 52-68 and 80-87.

Product literature for “Maestro® Electronic Low-Voltage Dimmers” by Lutron Electronic Co., Inc. of Coopersburg, PA, Dec. 2001, 2 pages.

Product literature for “VAREO® and NOVA T (star design)® Controls” by Lutron Electronics Co., Inc. of Coopersburg, PA, Dec. 1996, 2 pages.

NEMA Standards Publication No. ANSI/NEMA WD 6-2001, Wiring Devices-Dimensional Specifications, pp. 5 and 7.

* cited by examiner

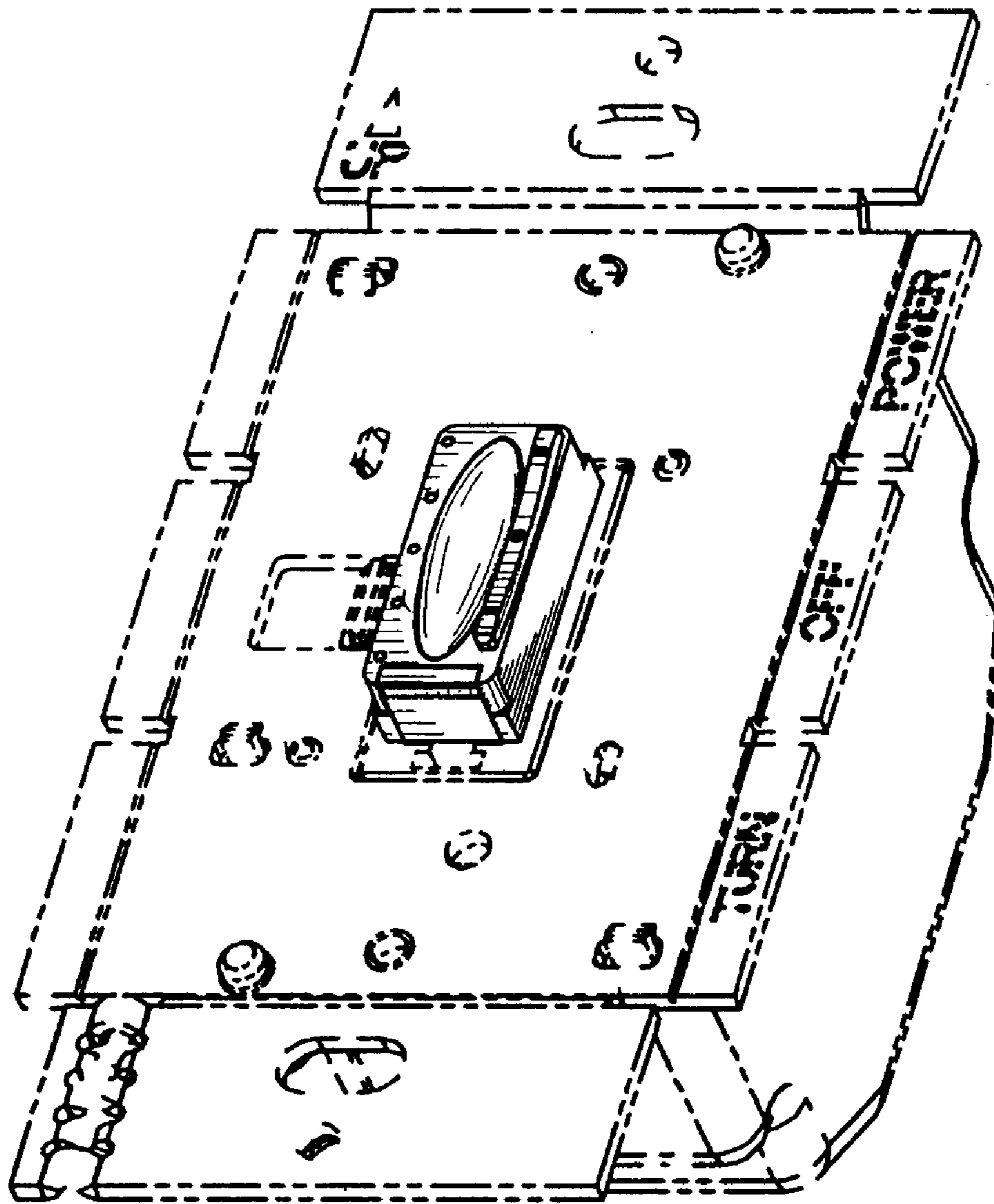


FIG. 1

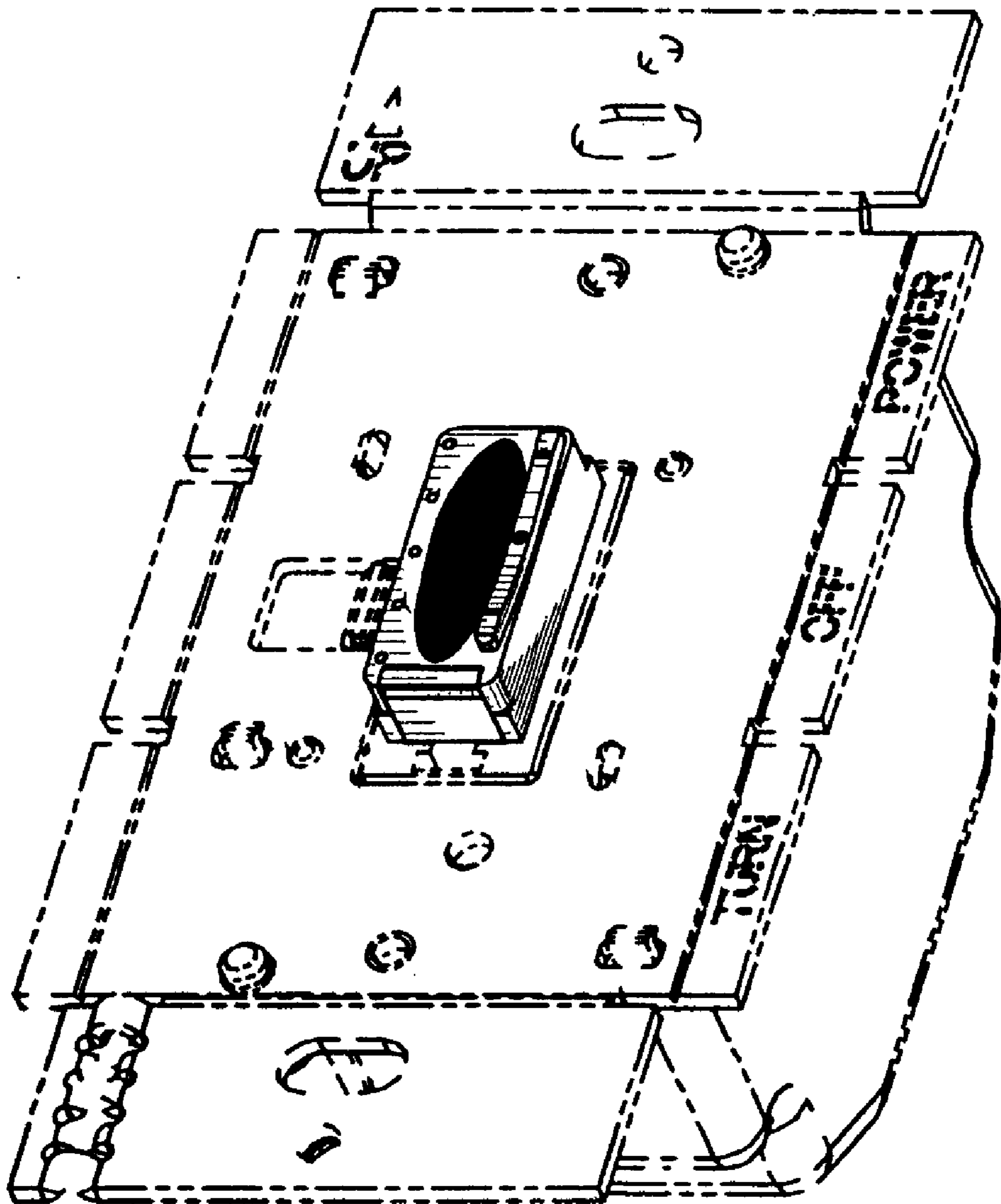


FIG. 2

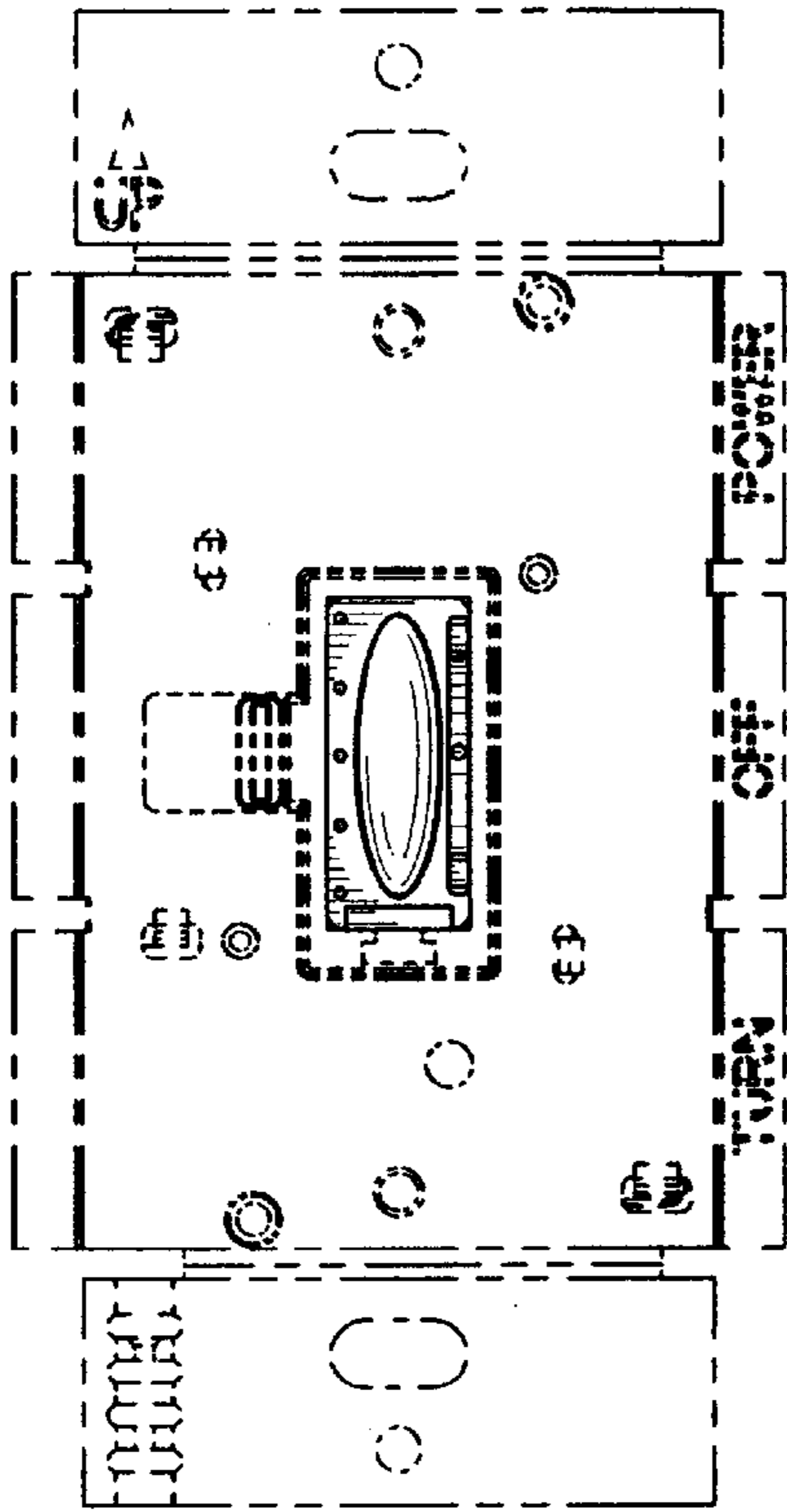


FIG. 3

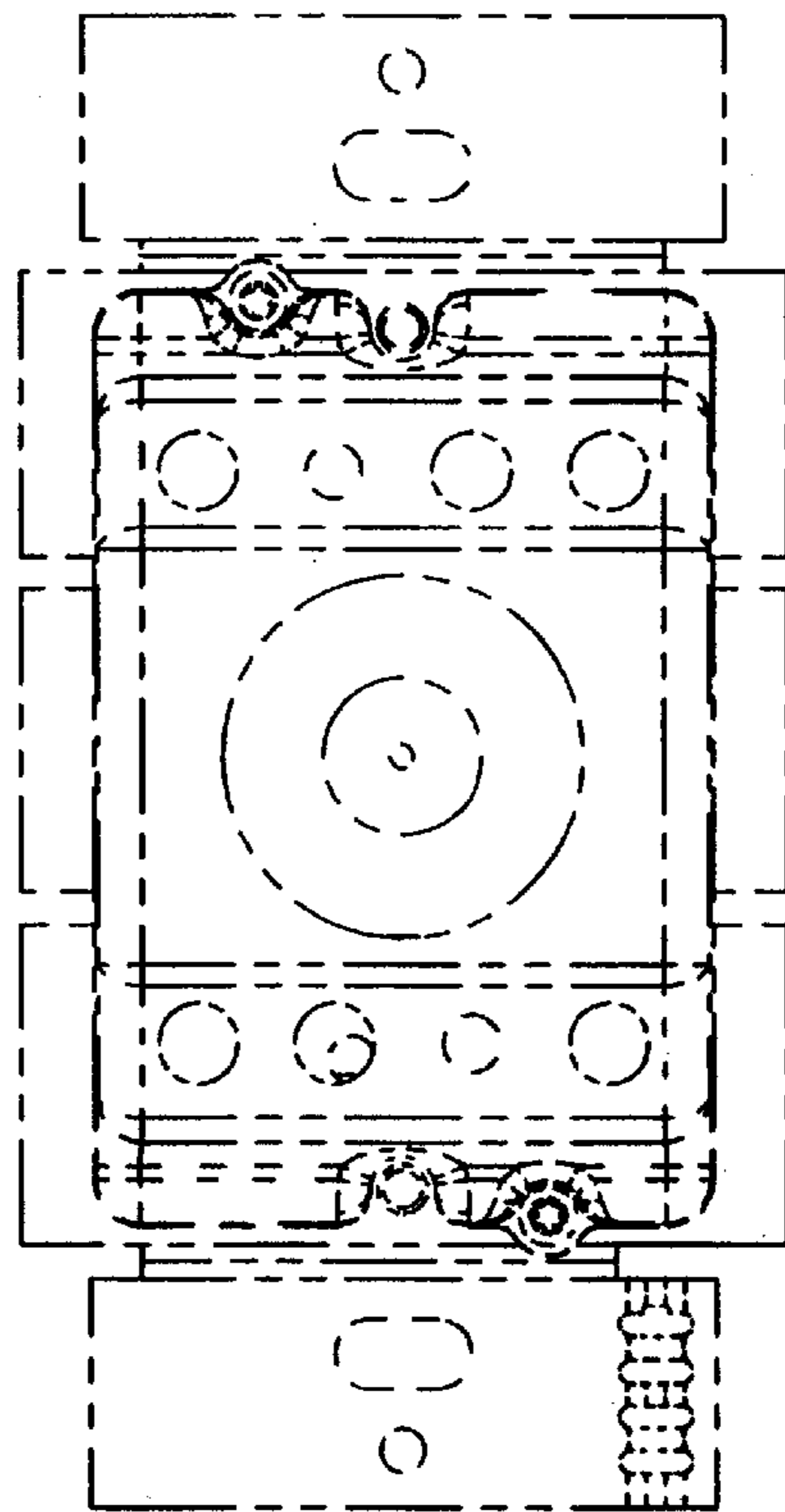


FIG. 4

FIG. 5

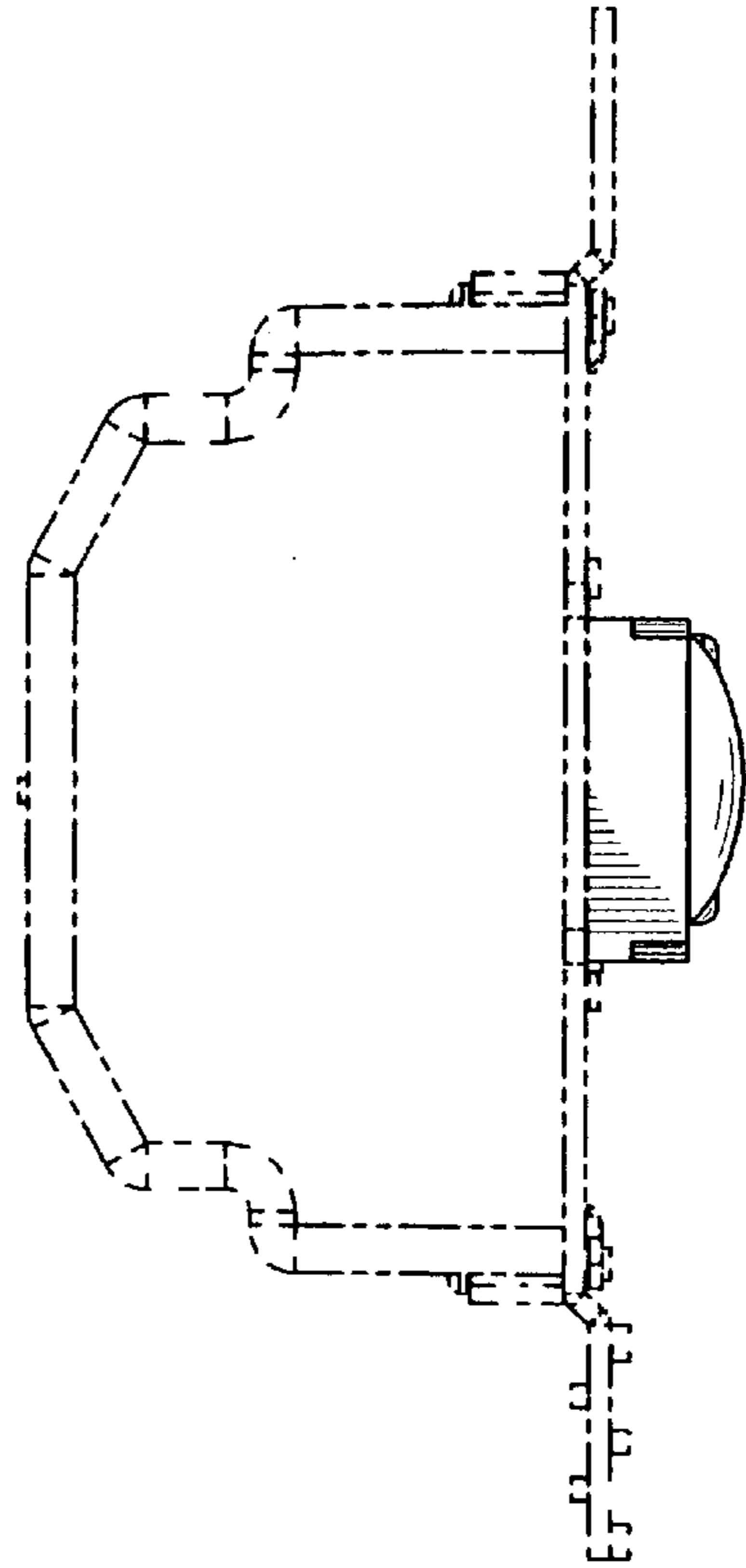
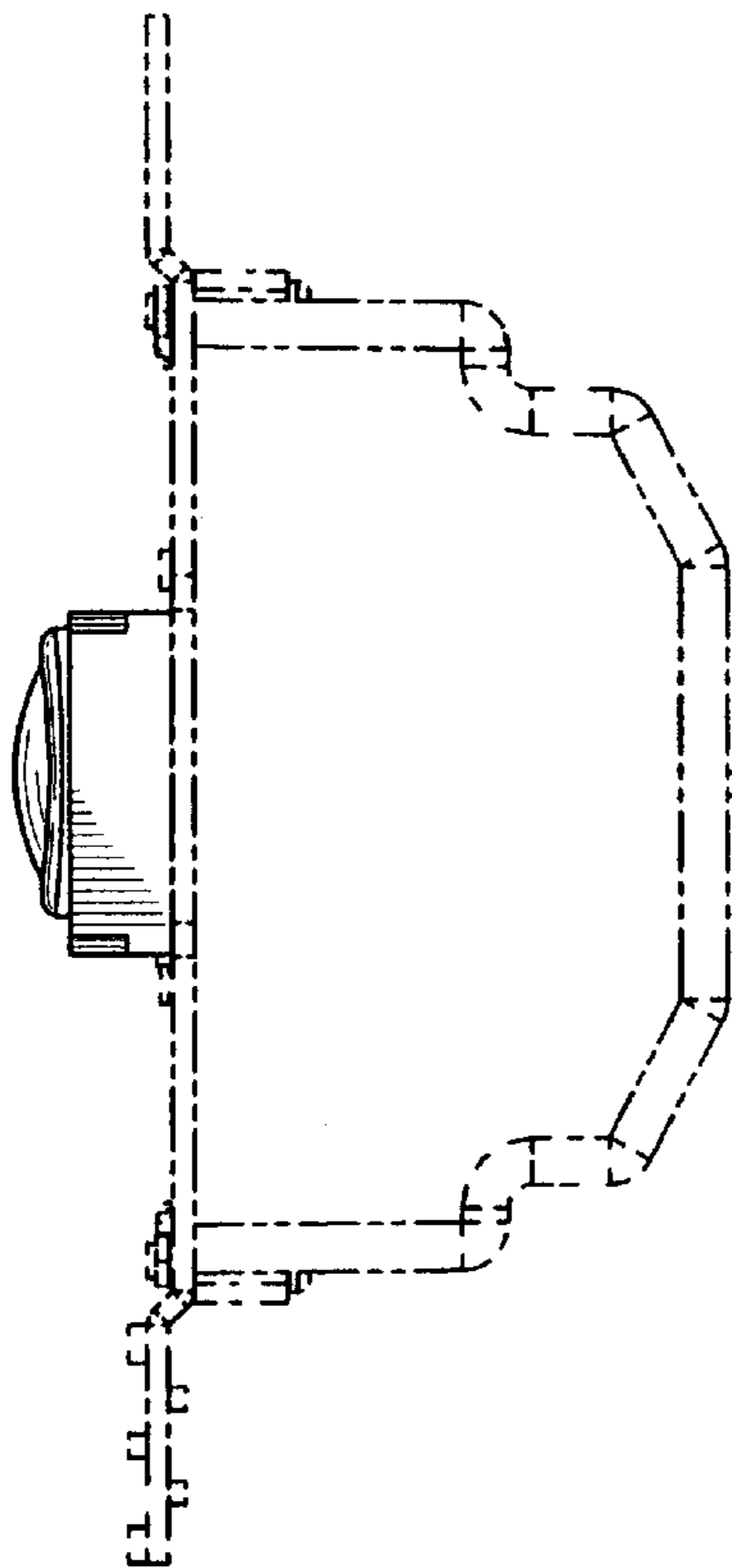


FIG. 6



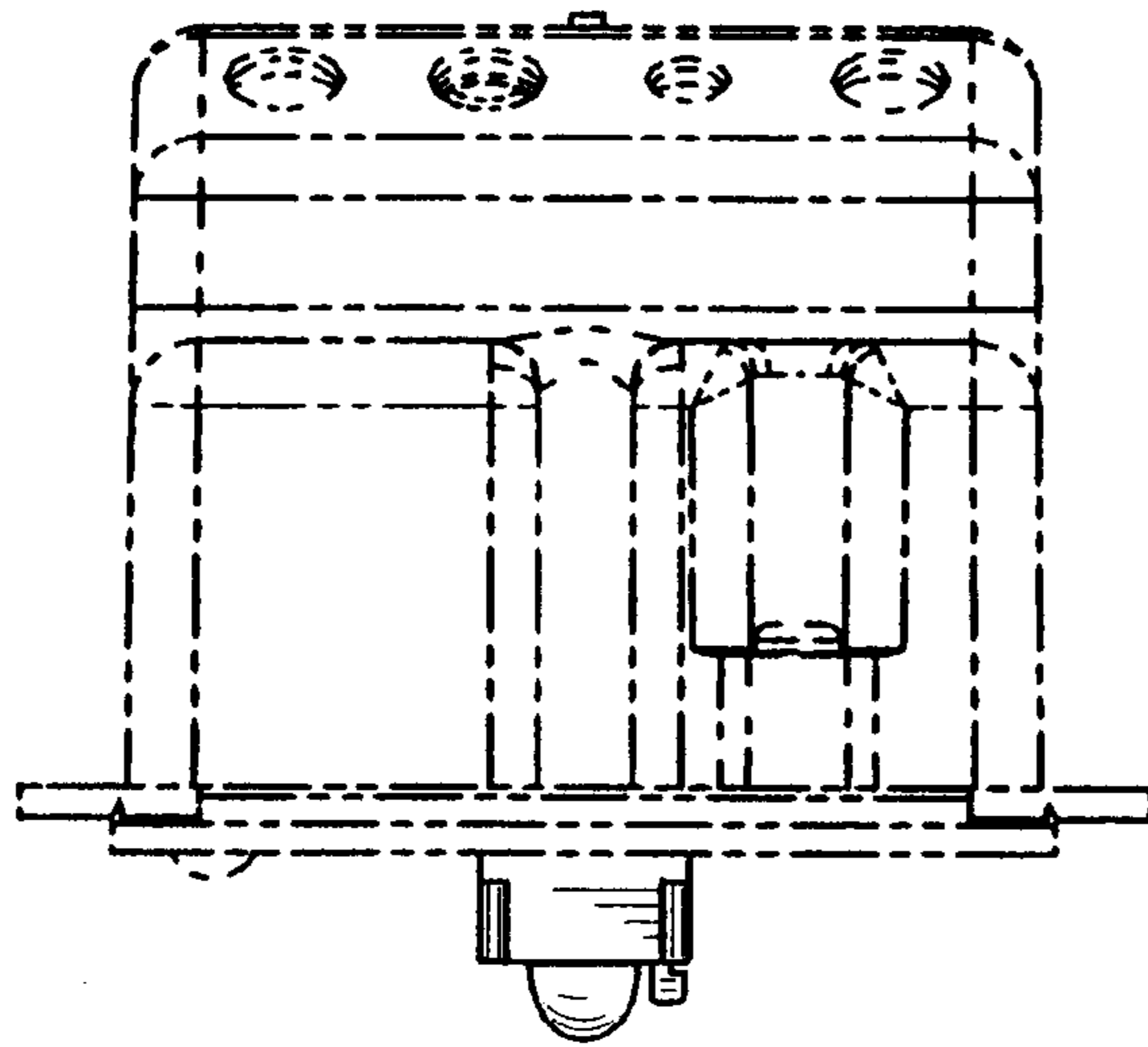


FIG. 7

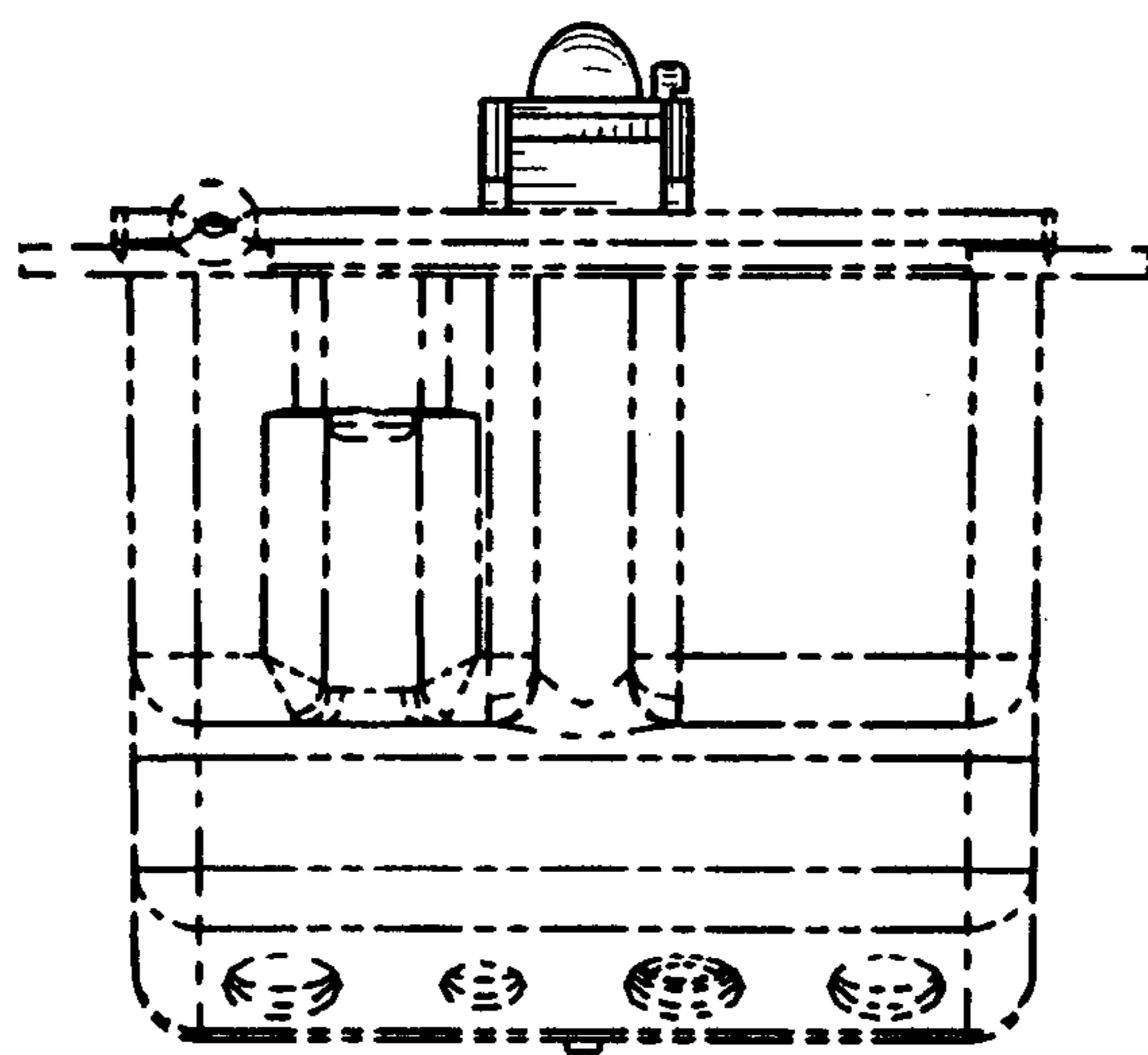


FIG. 8

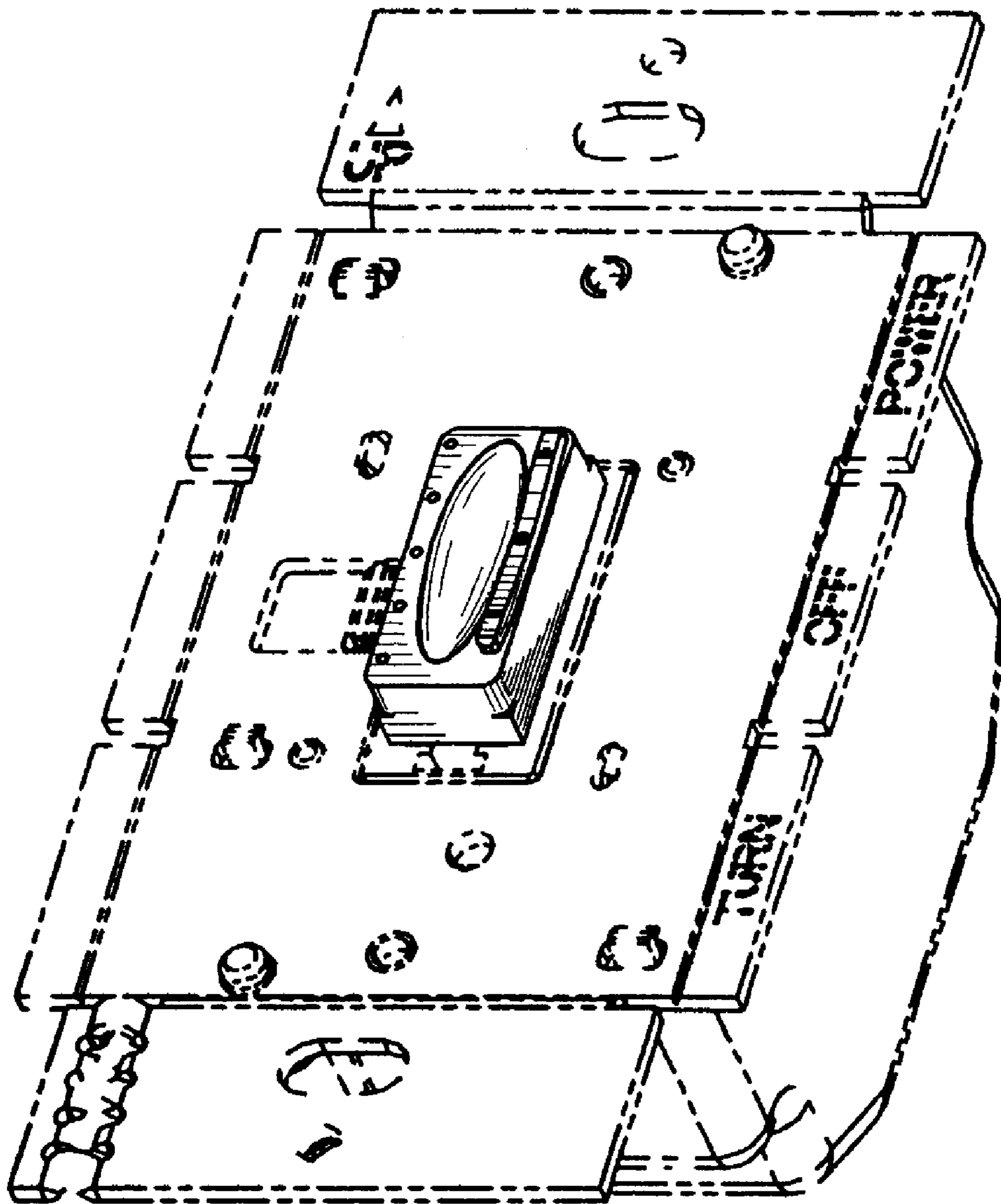


FIG. 9

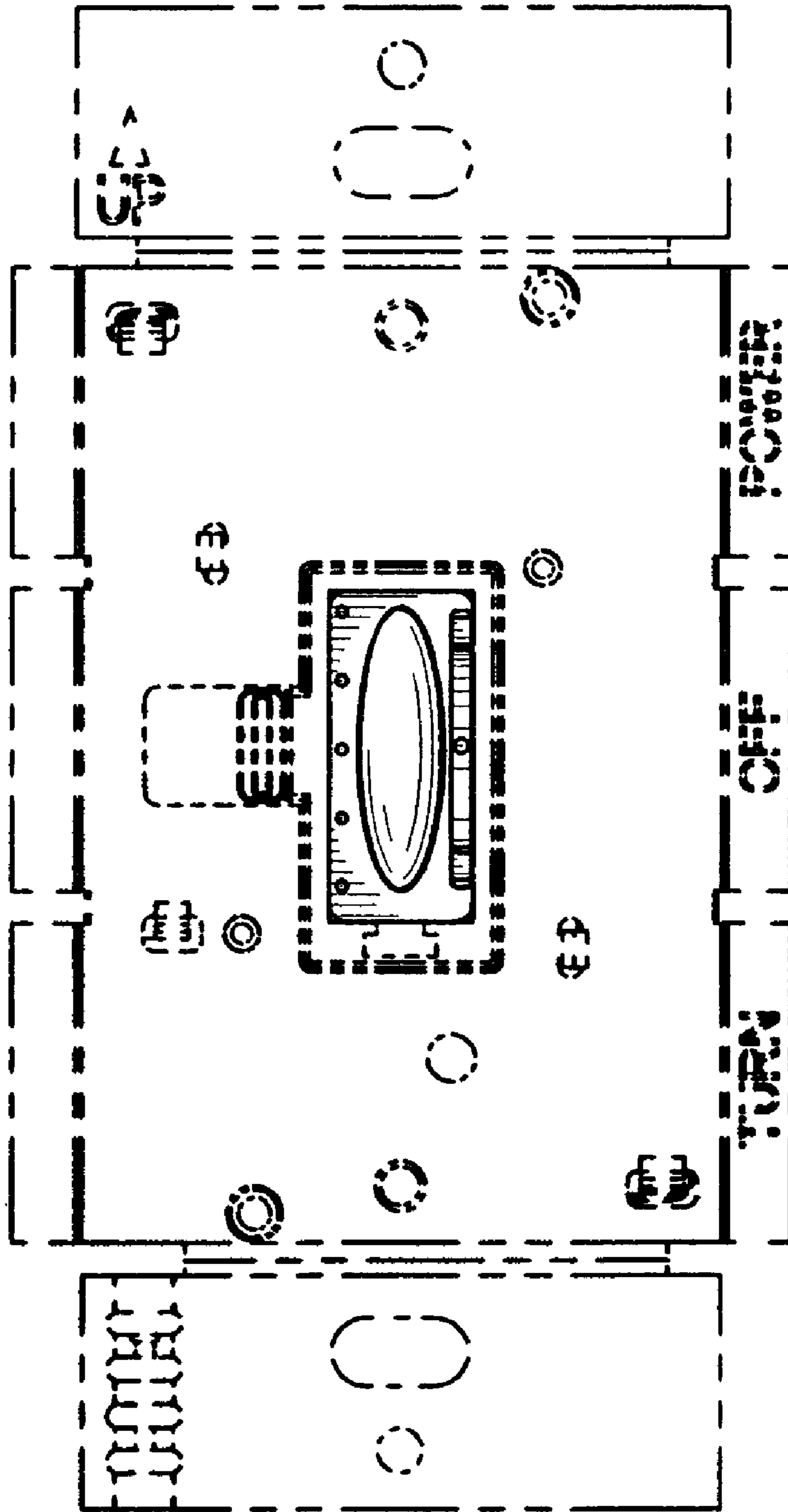


FIG. 10

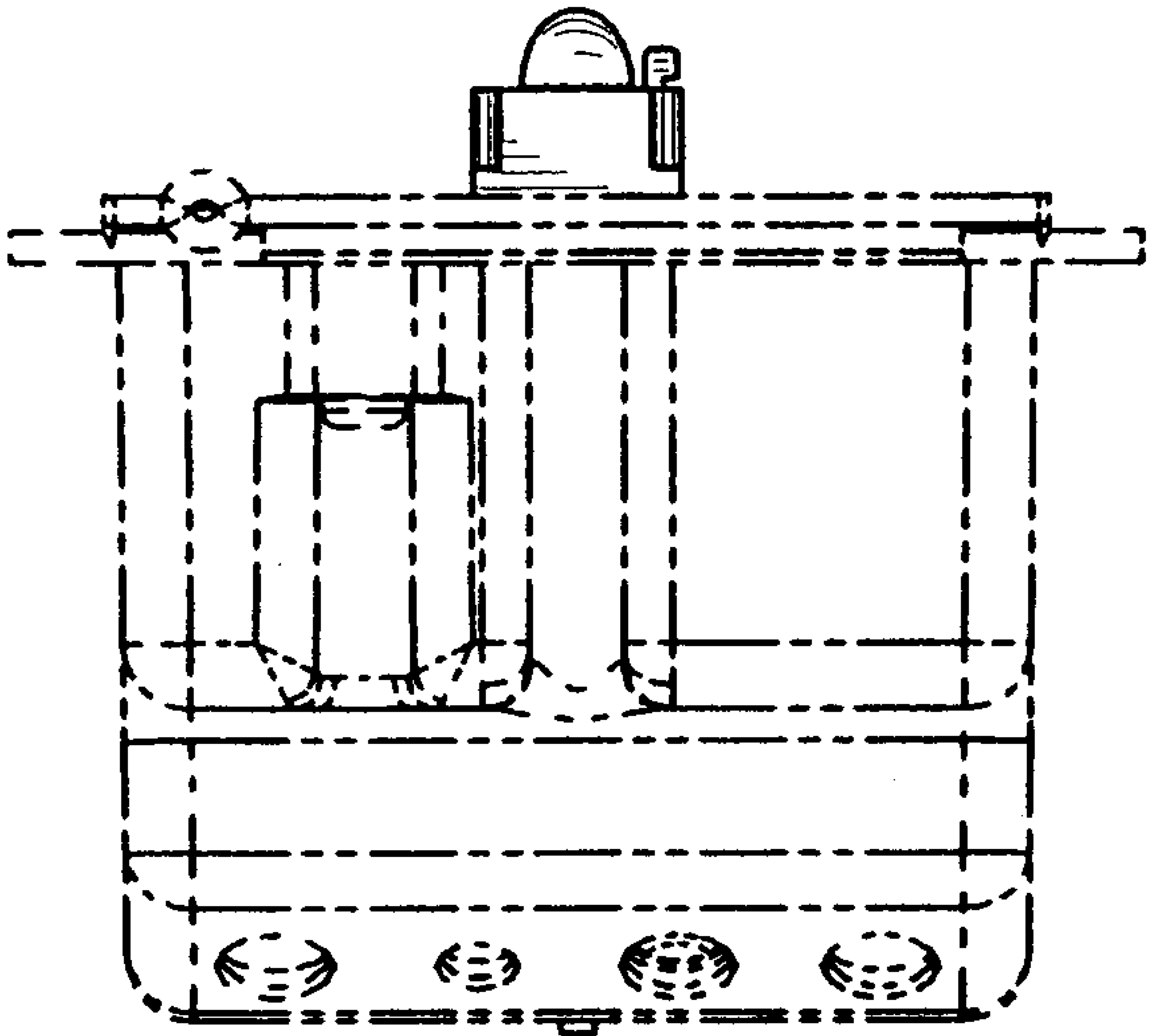


FIG. 11