



US00D477289S

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

(10) **Patent No.: US D477,289 S**

(45) **Date of Patent: \*\* \*Jul. 15, 2003**

(54) **SWITCH**

(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); **Joel S. Spira**, Coopersburg,  
PA (US)

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

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

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

(21) Appl. No.: **29/151,527**

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

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

(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

(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
3,684,850 A		8/1972	Kaderbek et al.	.....	200/166

(List continued on next page.)

**OTHER PUBLICATIONS**

Faedra Smart Dimmer, [online][retrieved on Feb. 25, 2002].  
Internet:<URL: <http://www2.lutron.com>>.\*  
Photograph of Toggler® dimmer switch, Model TG-600PH,  
Lutron Electronics Co. Inc., Coopersburg, PA, known prior  
to Nov. 13, 2001.

(List continued on next page.)

*Primary Examiner*—Ted Shooman

*Assistant Examiner*—Selina Sikder

(74) *Attorney, Agent, or Firm*—Drinker Biddle & Reath  
LLP

(57) **CLAIM**

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

**DESCRIPTION**

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

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 black to indicate that the color of the  
pushbutton actuator contrasts with the color of remaining  
portions of the design of FIG. 1;

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;

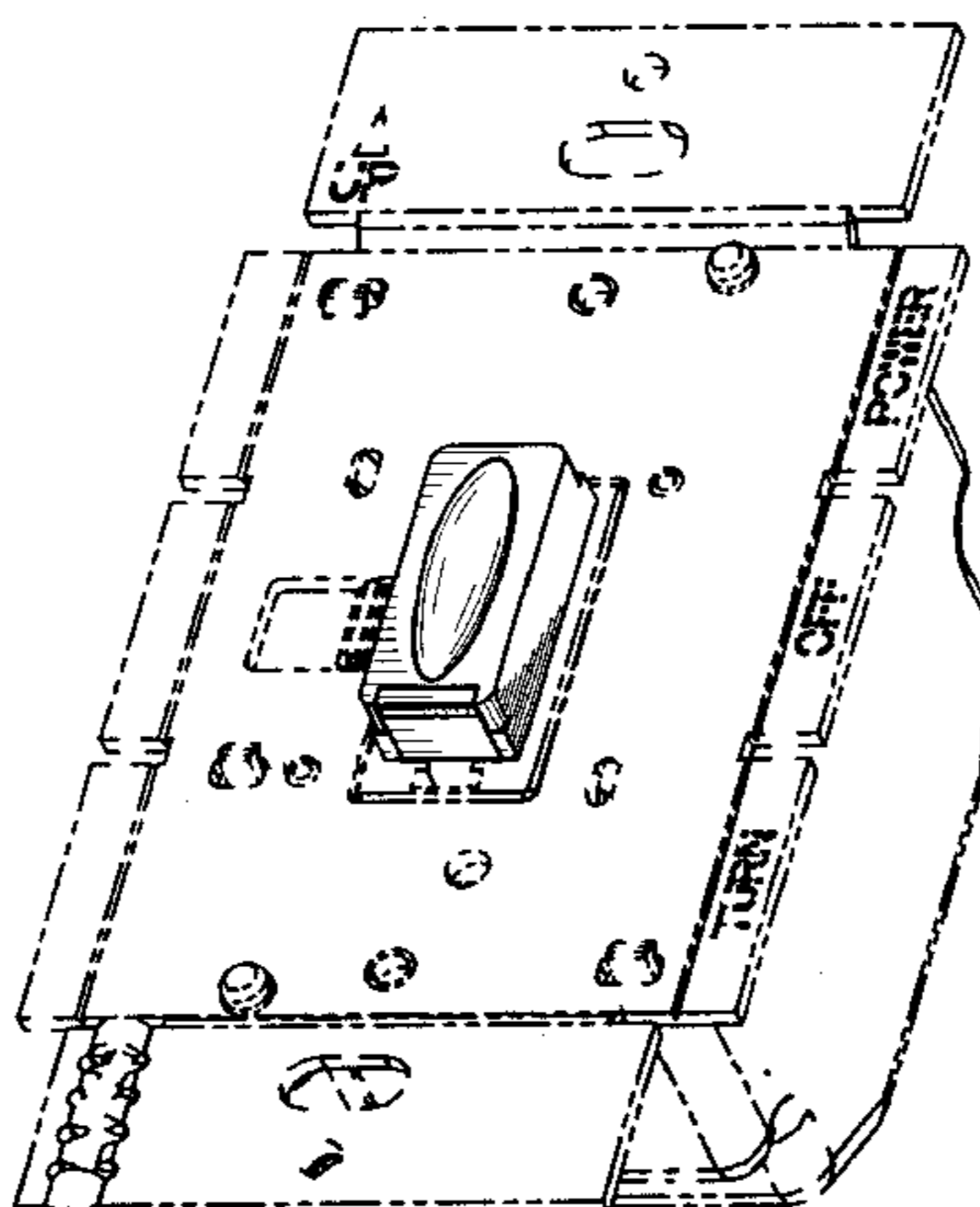
FIG. 9 is a perspective view of a third embodiment of the  
design of FIG. 1, the only difference being the elimination  
of the airgap switch actuator at the bottom of the actuator  
mounting frame;

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

FIG. 11 is a bottom plan view thereof, the remaining views  
of the third embodiment 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.

**1 Claim, 8 Drawing Sheets**



U.S. PATENT DOCUMENTS

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 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 Jun. 6-2001, Wiring Devices-Dimensional Specifications, pp. 5 and 7.

\* cited by examiner

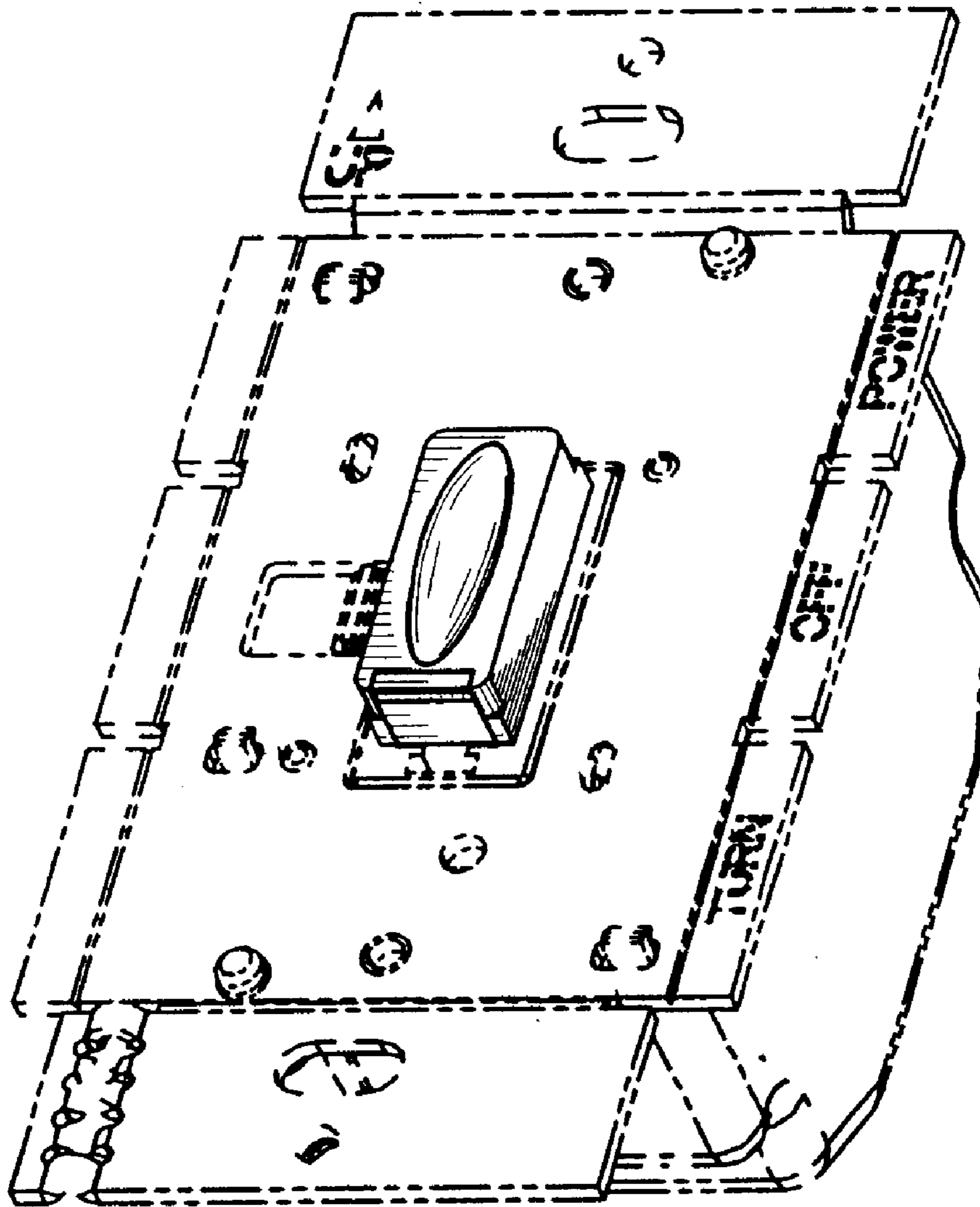


FIG. 1



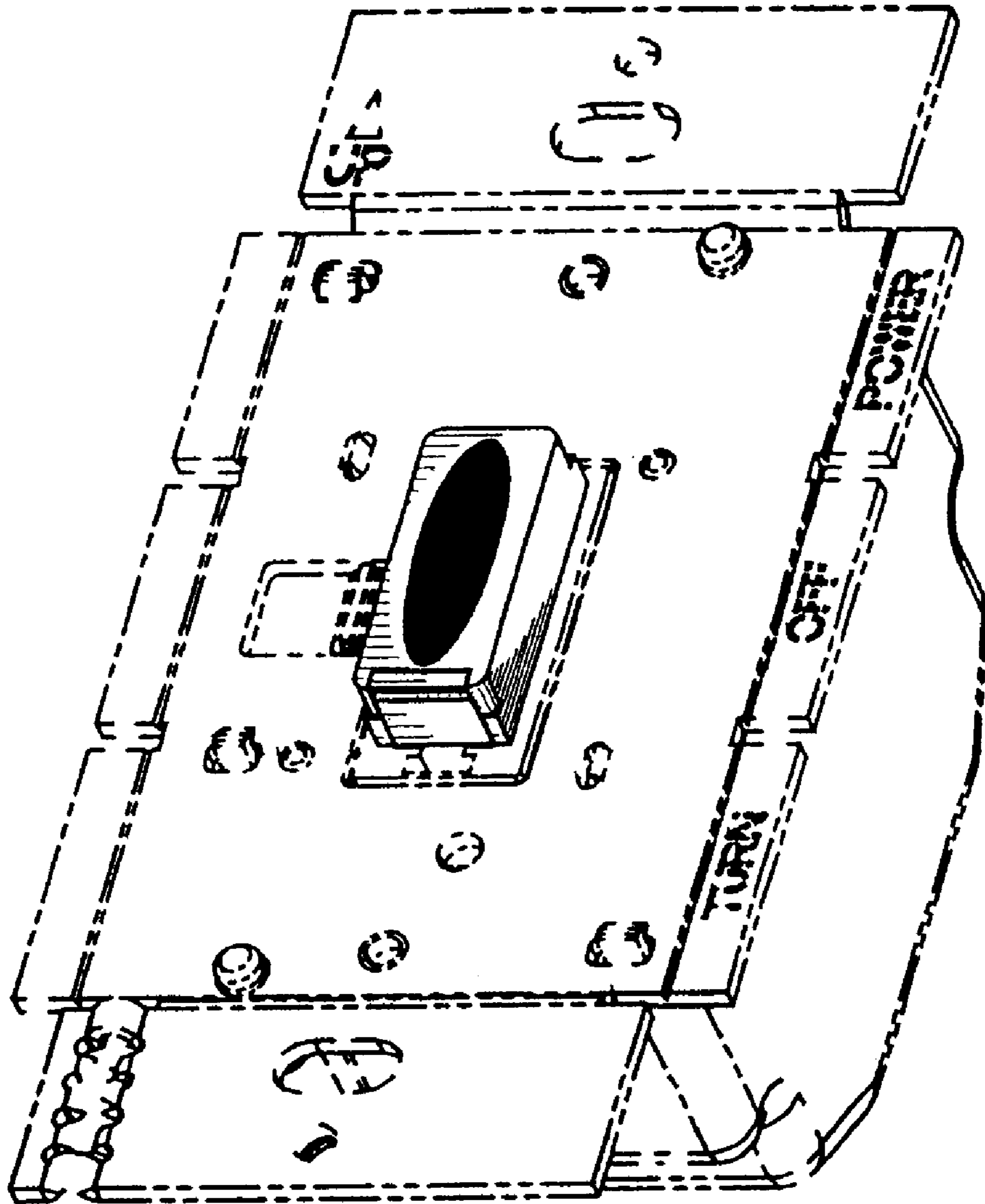


FIG. 2

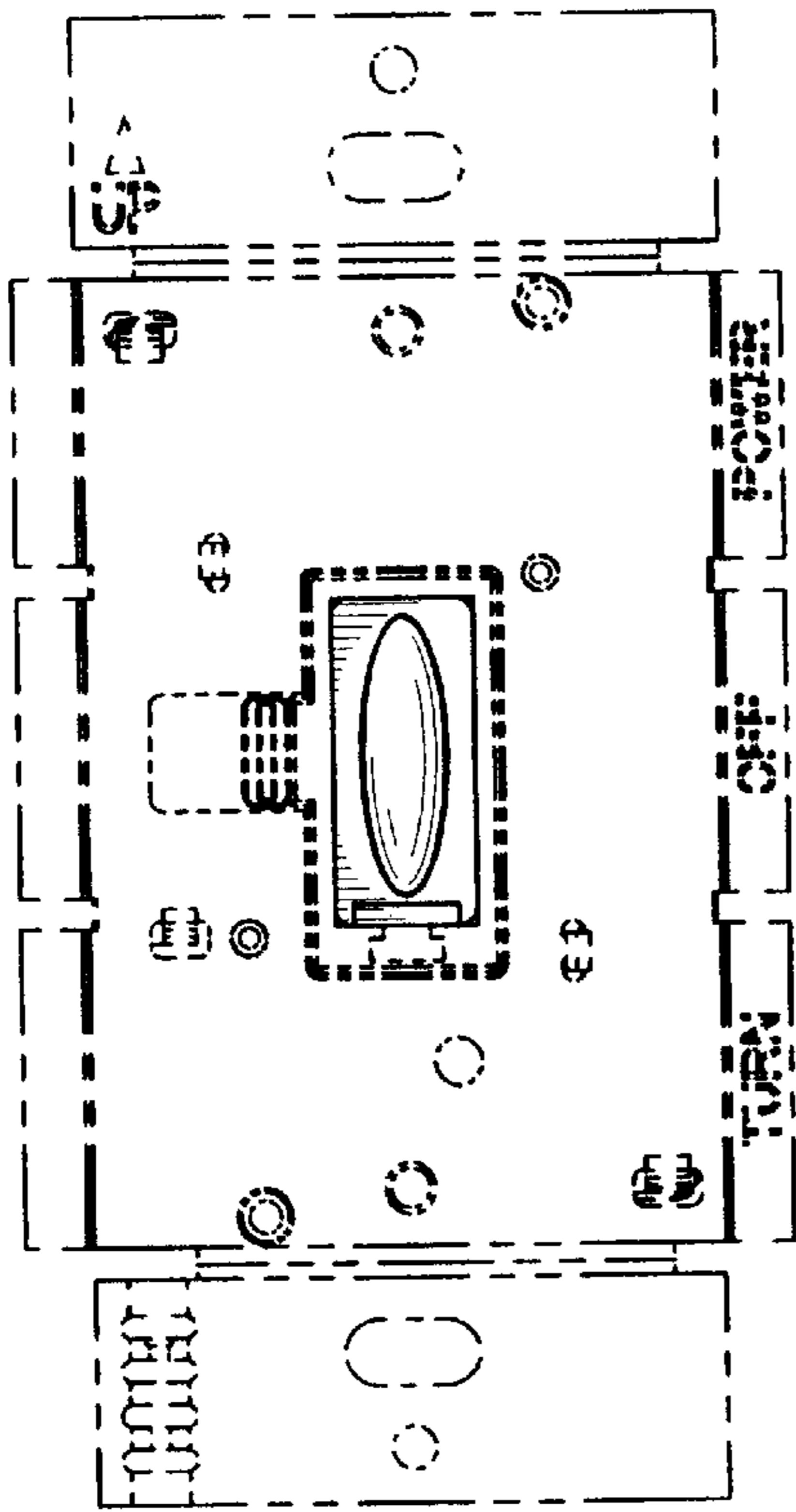


FIG. 3

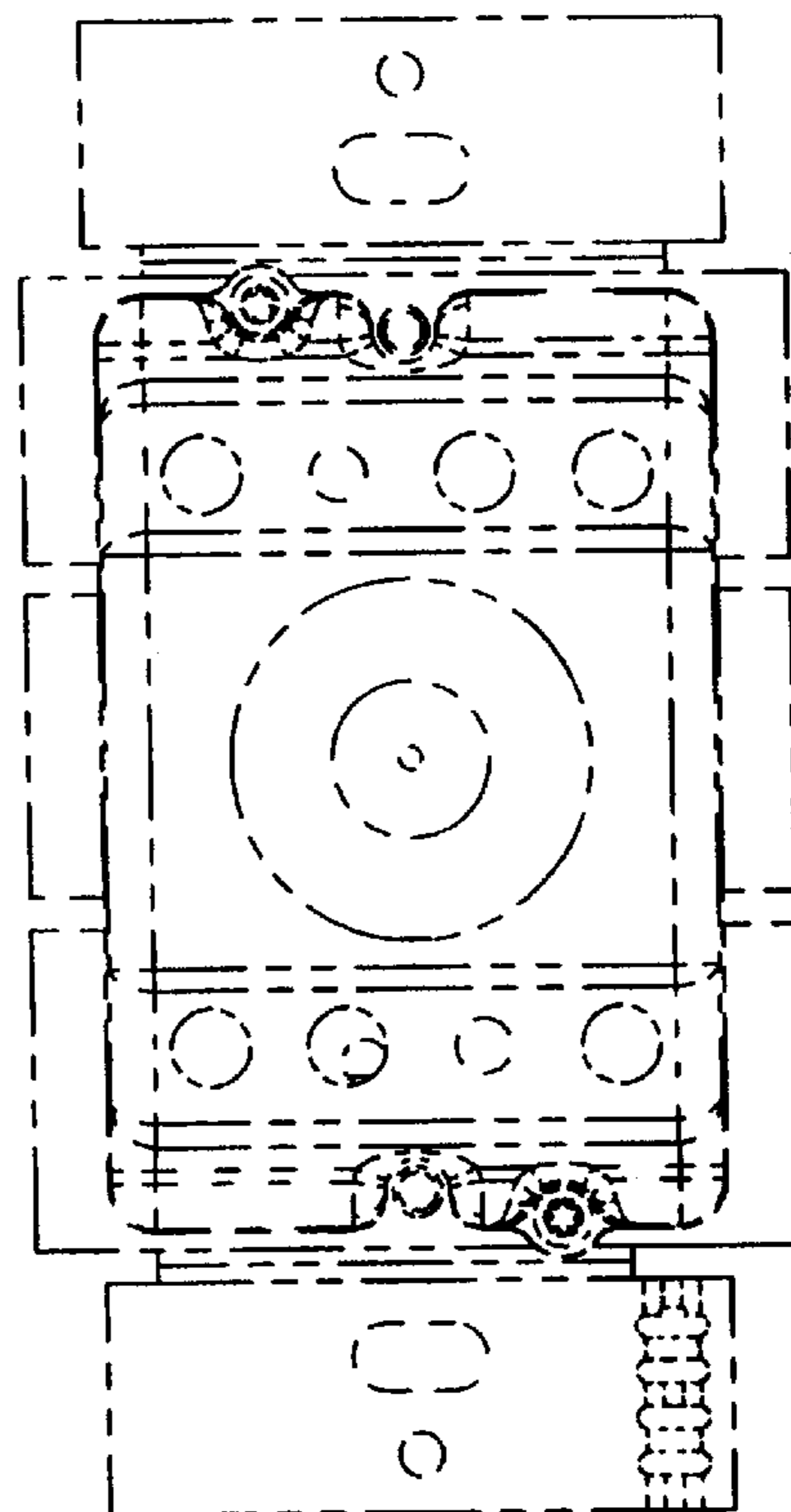


FIG. 4

FIG. 5

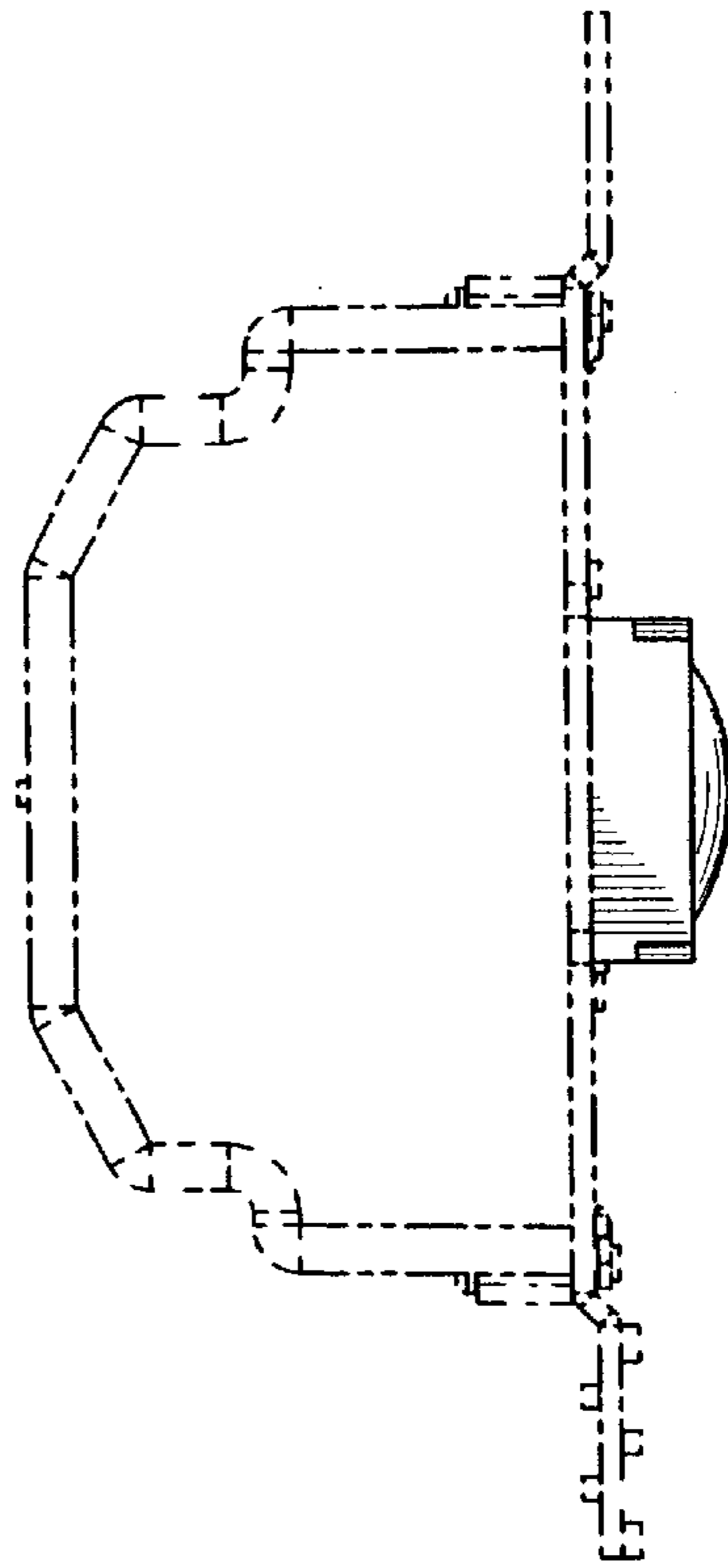
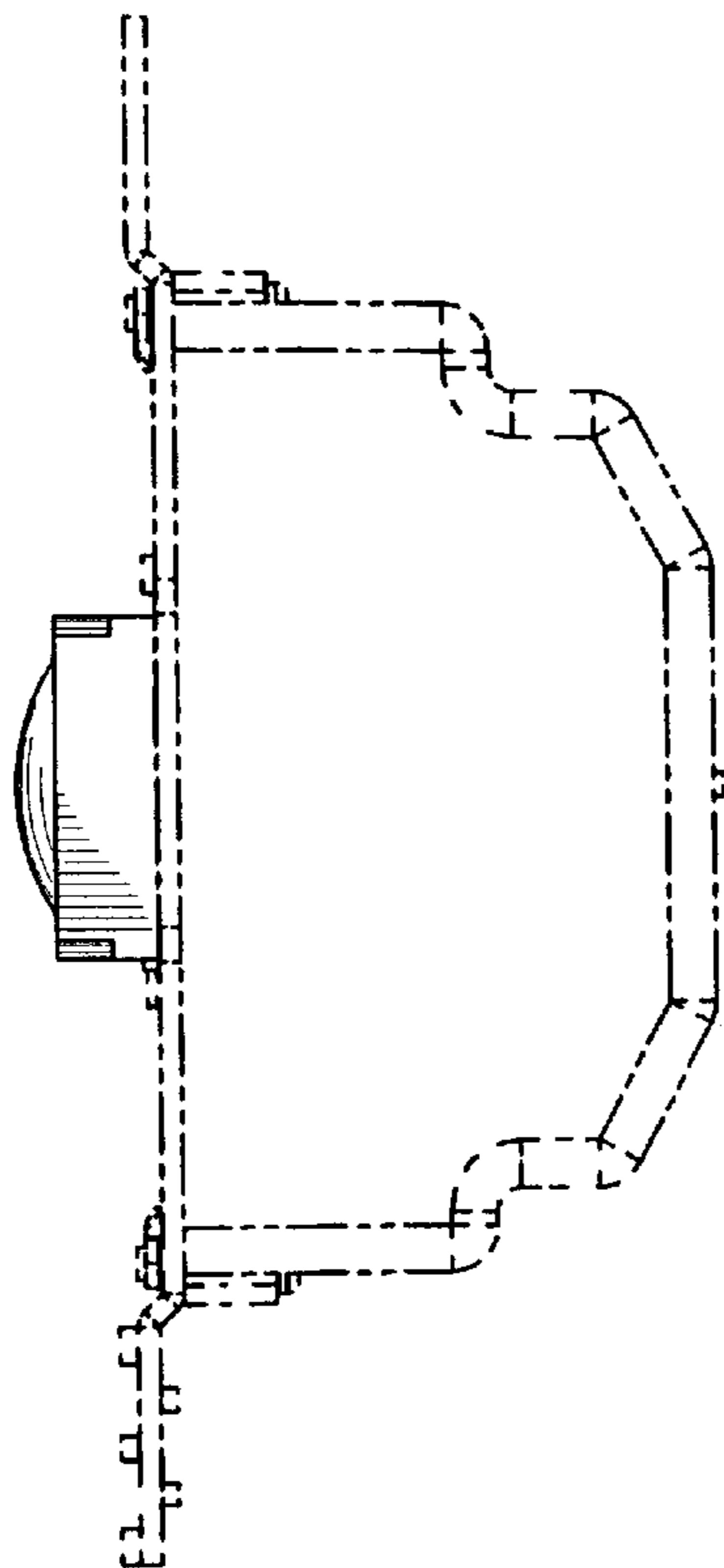


FIG. 6



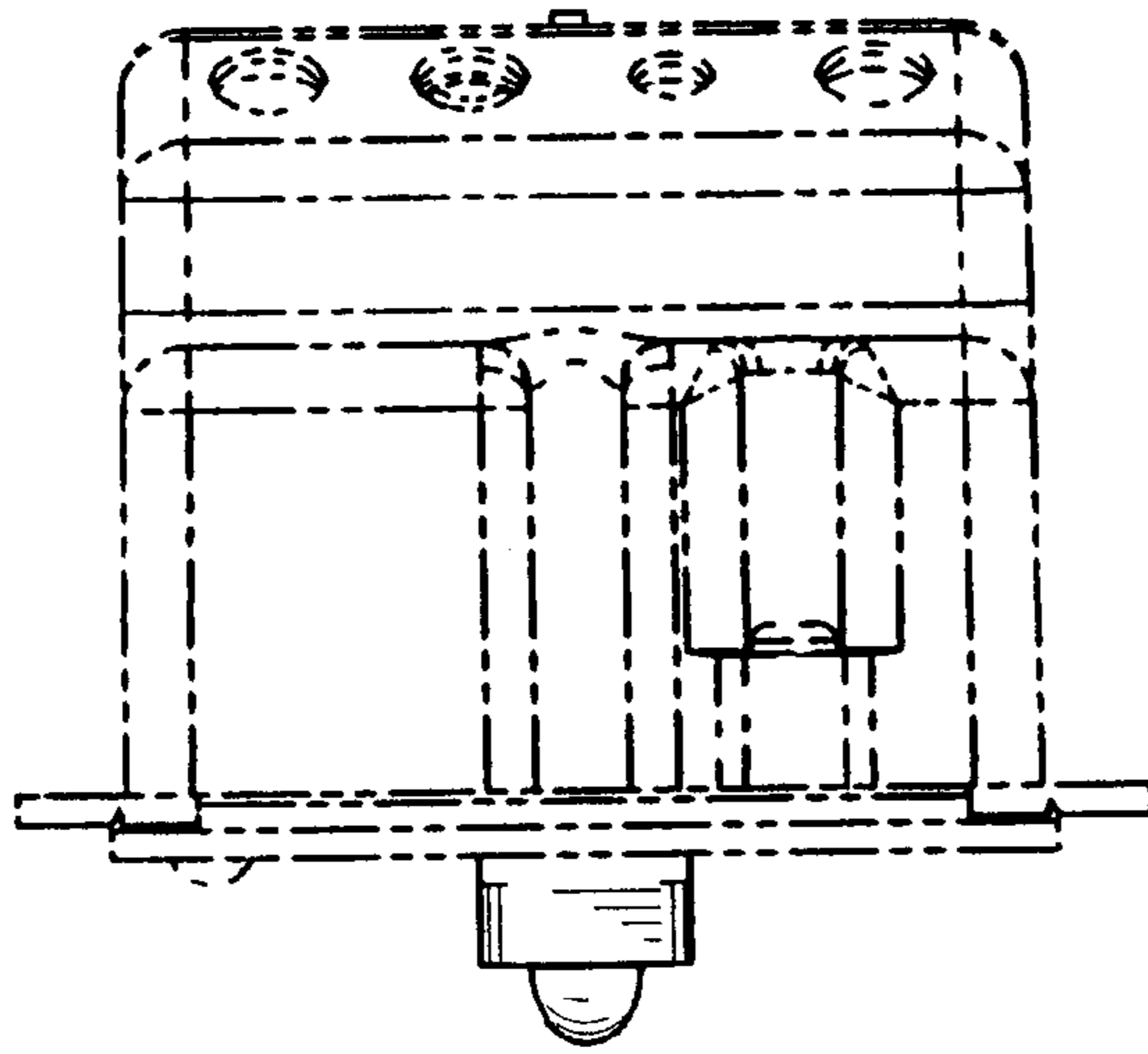


FIG. 7

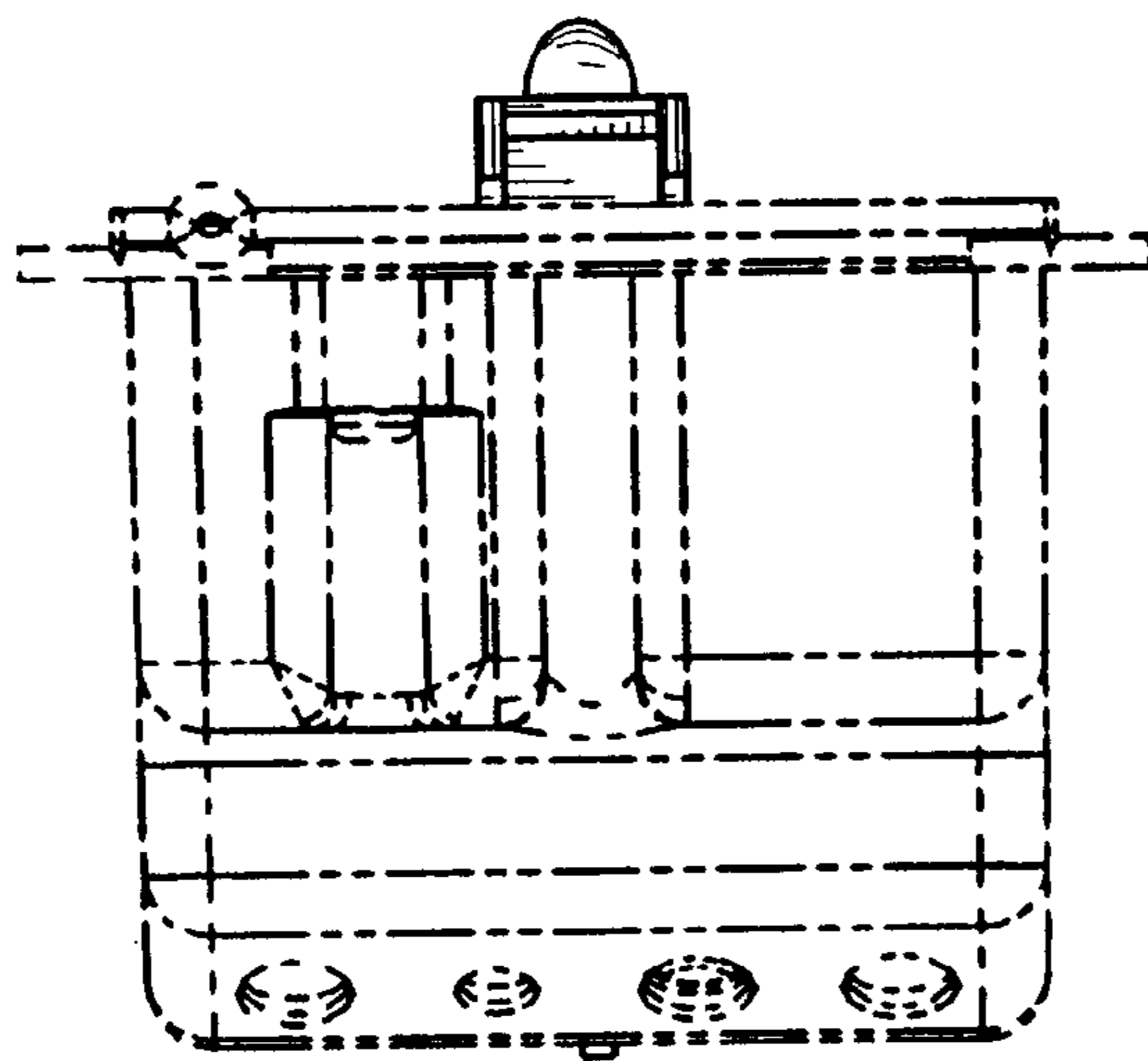


FIG. 8

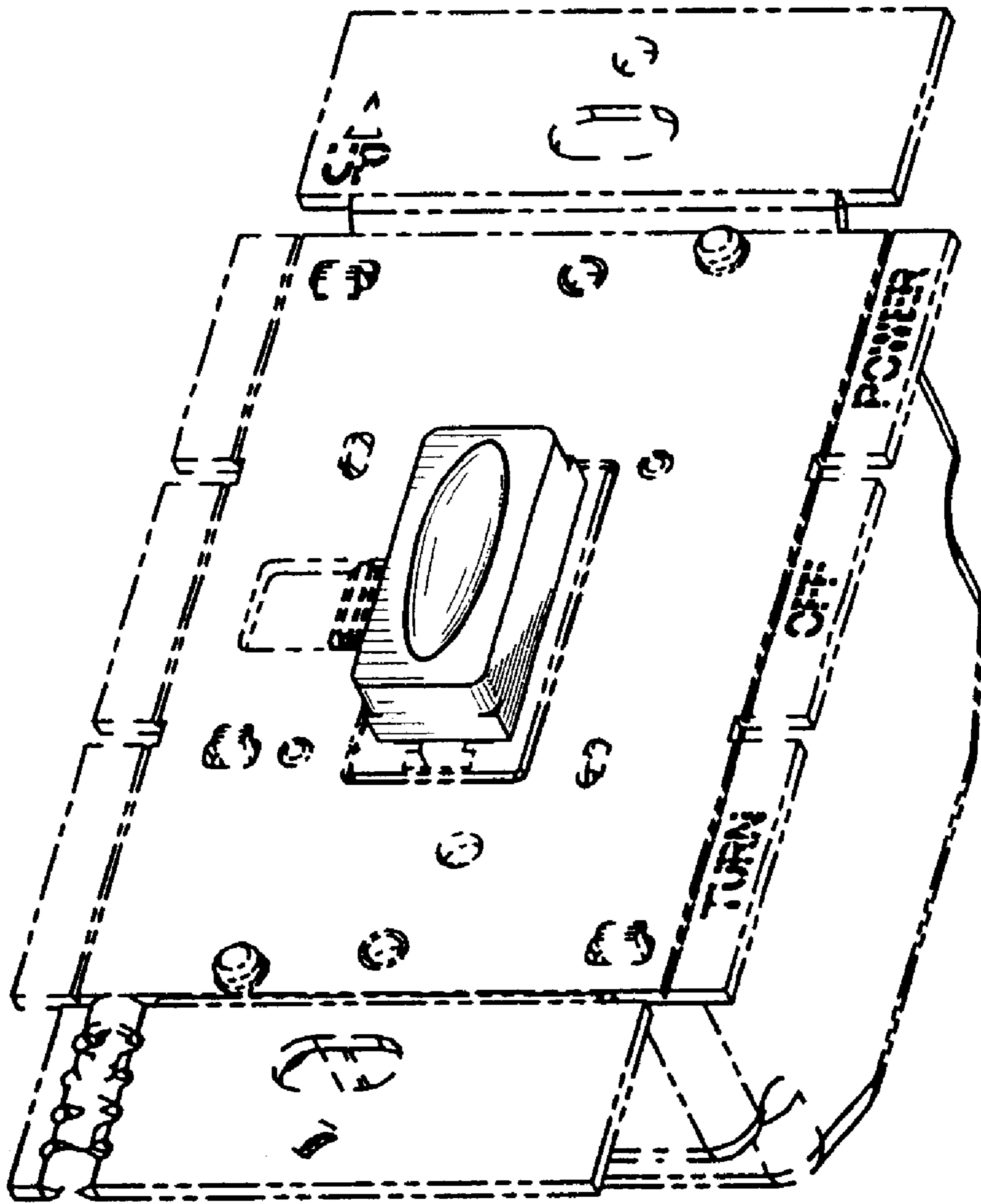


FIG. 9



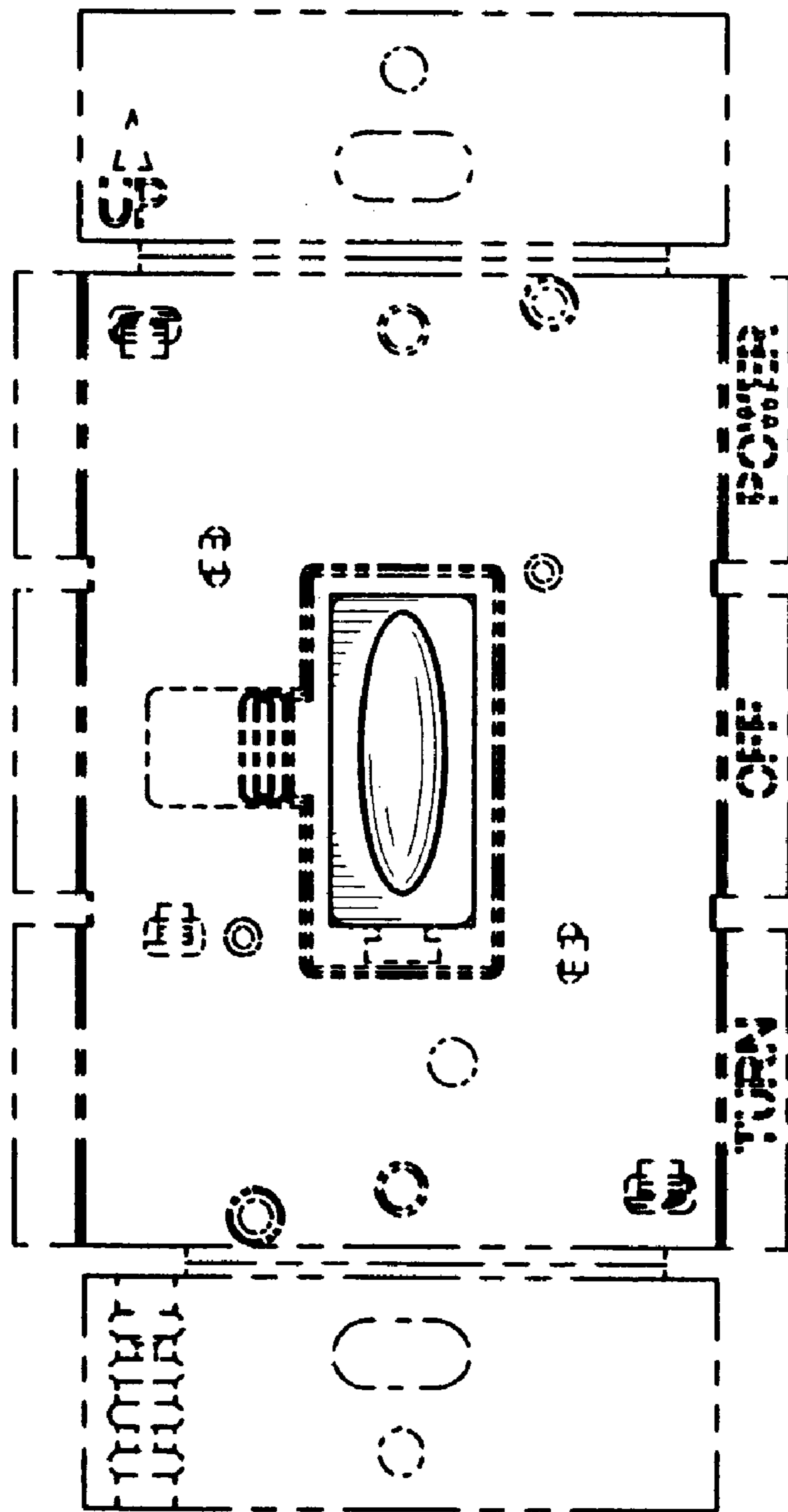


FIG. 10

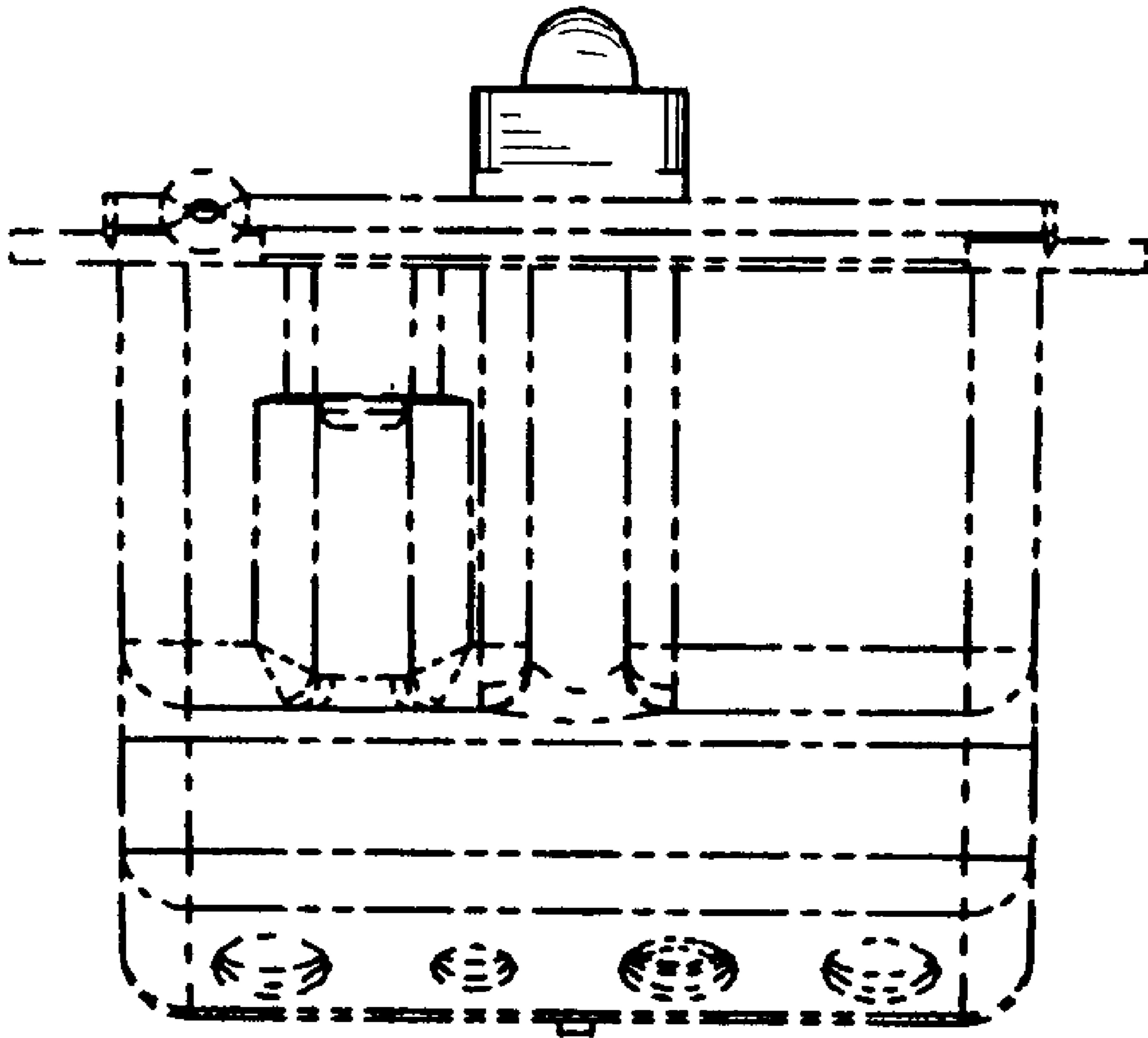


FIG. 11