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

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(54) **DIMMER SWITCH**

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

(21) Appl. No.: **29/170,064**

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**Related U.S. Application Data**

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(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,  
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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

(List continued on next page.)

**OTHER PUBLICATIONS**

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

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.

(List continued on next page.)

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(57) **CLAIM**

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

**DESCRIPTION**

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

FIG. 2 is a front elevational view thereof;

FIG. 3 is a rear elevational view thereof;

FIG. 4 is a left side elevational view thereof;

FIG. 5 is a right side elevational view thereof;

FIG. 6 is a top plan view thereof;

FIG. 7 is a bottom plan view thereof;

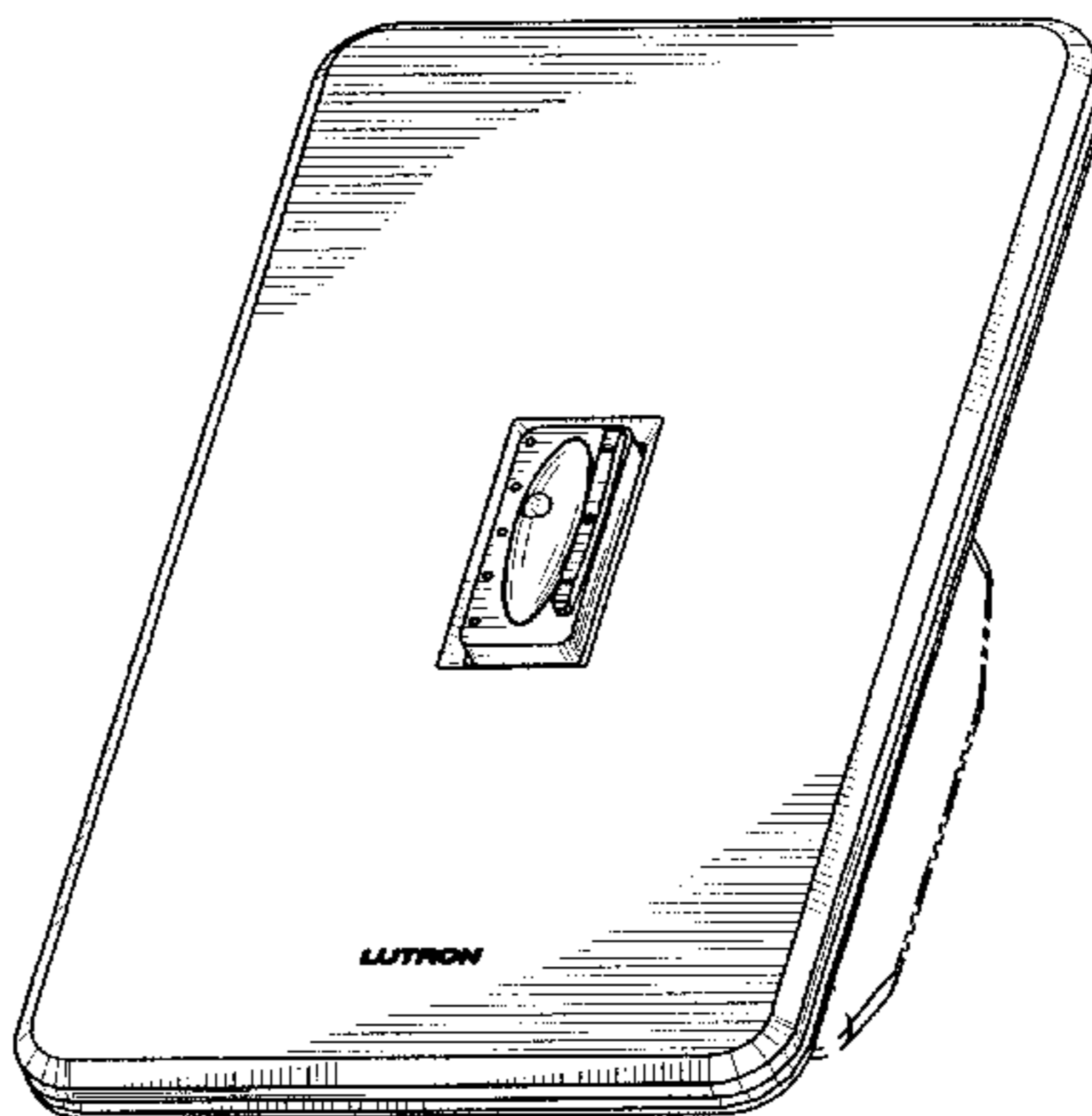
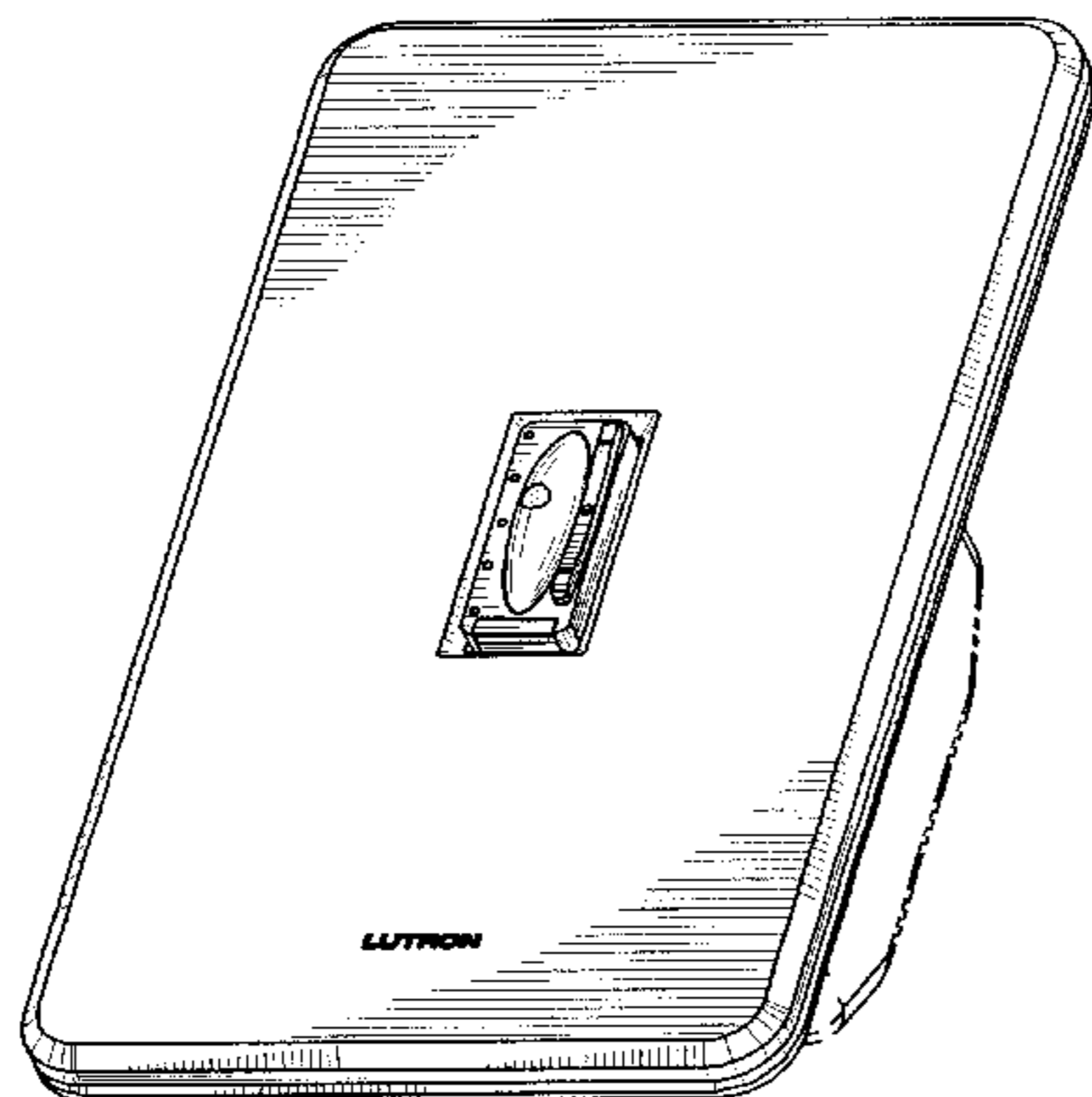
FIG. 8 is a perspective view of a second embodiment of the design of FIG. 1, the only difference being the elimination of the airgap switch actuator at the bottom of the actuator mounting frame;

FIG. 9 is a front elevational view of the second embodiment shown in FIG. 8; and,

FIG. 10 is a bottom plan view thereof, the remaining views of the second embodiment being identical to those of the first embodiment of FIG. 1.

The broken line showing of the environment is for illustrative purpose only and forms no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



U.S. PATENT DOCUMENTS

2,460,599 A	2/1949	Rowe	74/565	5,669,484 A	9/1997	Paulson	200/43.22
D153,803 S	5/1949	Huppert	D8/352	5,675,125 A	10/1997	Hollinger	174/66
3,571,545 A	3/1971	Haderer	200/166	5,721,405 A	2/1998	Hamada	200/16 R
3,684,850 A	8/1972	Kaderbek et al.	200/166	5,753,983 A	5/1998	Dickie et al.	307/141
3,939,318 A	2/1976	Brown et al.	200/159 R	5,821,482 A	10/1998	Ootani et al.	200/5 A
4,109,121 A	8/1978	Bauer et al.	200/67 E	5,844,182 A	12/1998	Hirano et al.	200/5 R
4,159,563 A	7/1979	Bauer et al.	29/622	5,881,866 A	3/1999	Miyajima et al.	200/513
D253,342 S	11/1979	Mayo	D13/125	5,909,087 A	6/1999	Bryde et al.	315/149
4,352,964 A	10/1982	English	200/5 A	5,921,381 A	7/1999	Von Arx	200/345
4,672,229 A	6/1987	Skarman et al.	307/115	5,949,149 A	9/1999	Shitanaka et al.	307/10.1
4,695,820 A	9/1987	D'Aleo et al.	338/179	6,005,308 A	12/1999	Bryde et al.	307/157
4,783,581 A	11/1988	Flowers et al.	200/332	6,013,885 A	1/2000	Kowalczyk	200/215
4,803,380 A	2/1989	Jacoby, Jr. et al.	307/157	6,107,585 A	8/2000	Gehr	200/505
4,822,963 A	4/1989	Martin	200/296	D439,220 S	3/2001	Mayo et al.	D13/125
4,833,277 A	5/1989	Jacoby, Jr. et al.	174/66	D456,785 S	5/2002	Yu	D13/169
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 et al.	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				

OTHER PUBLICATIONS

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.

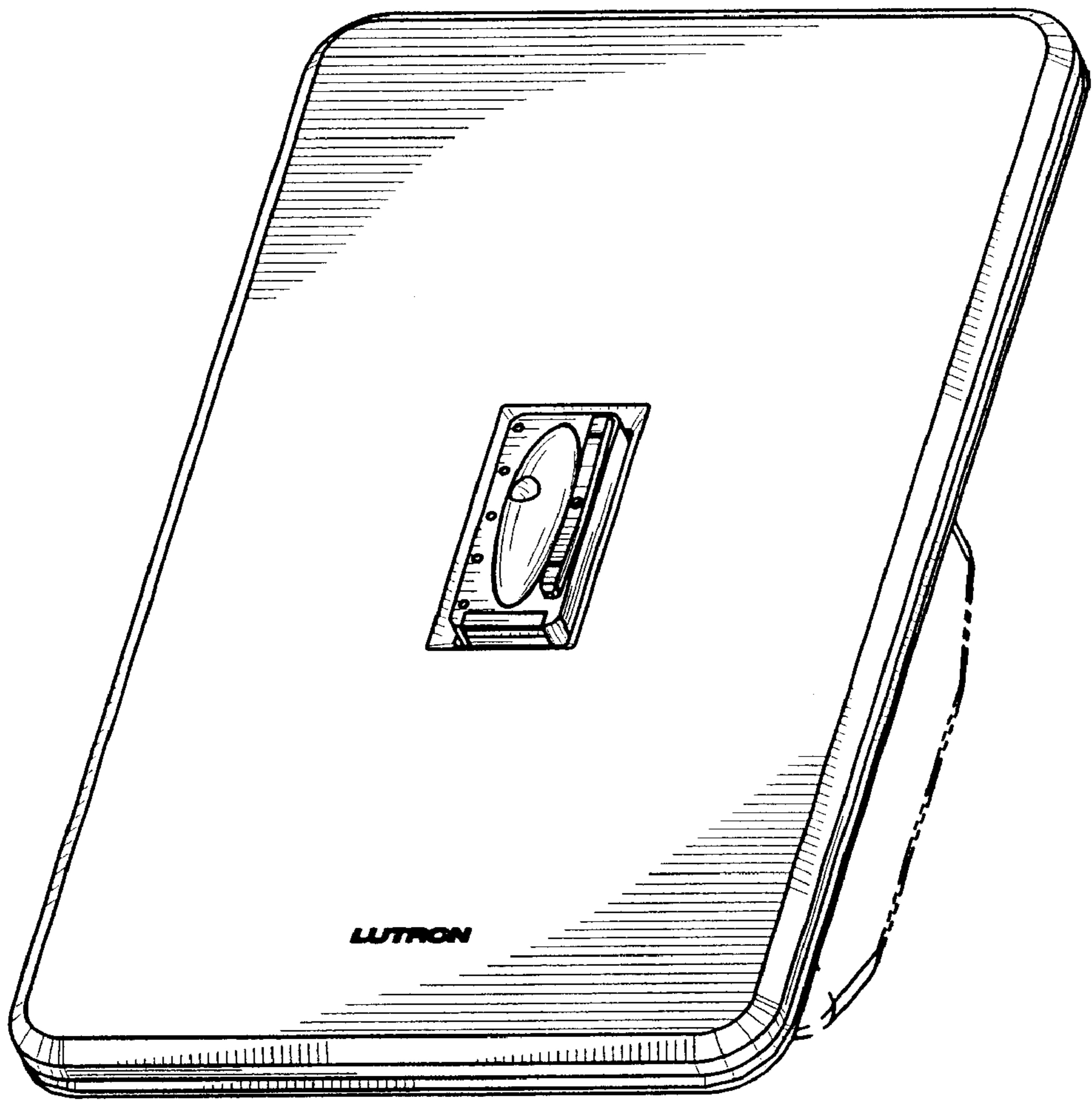


FIG. 1

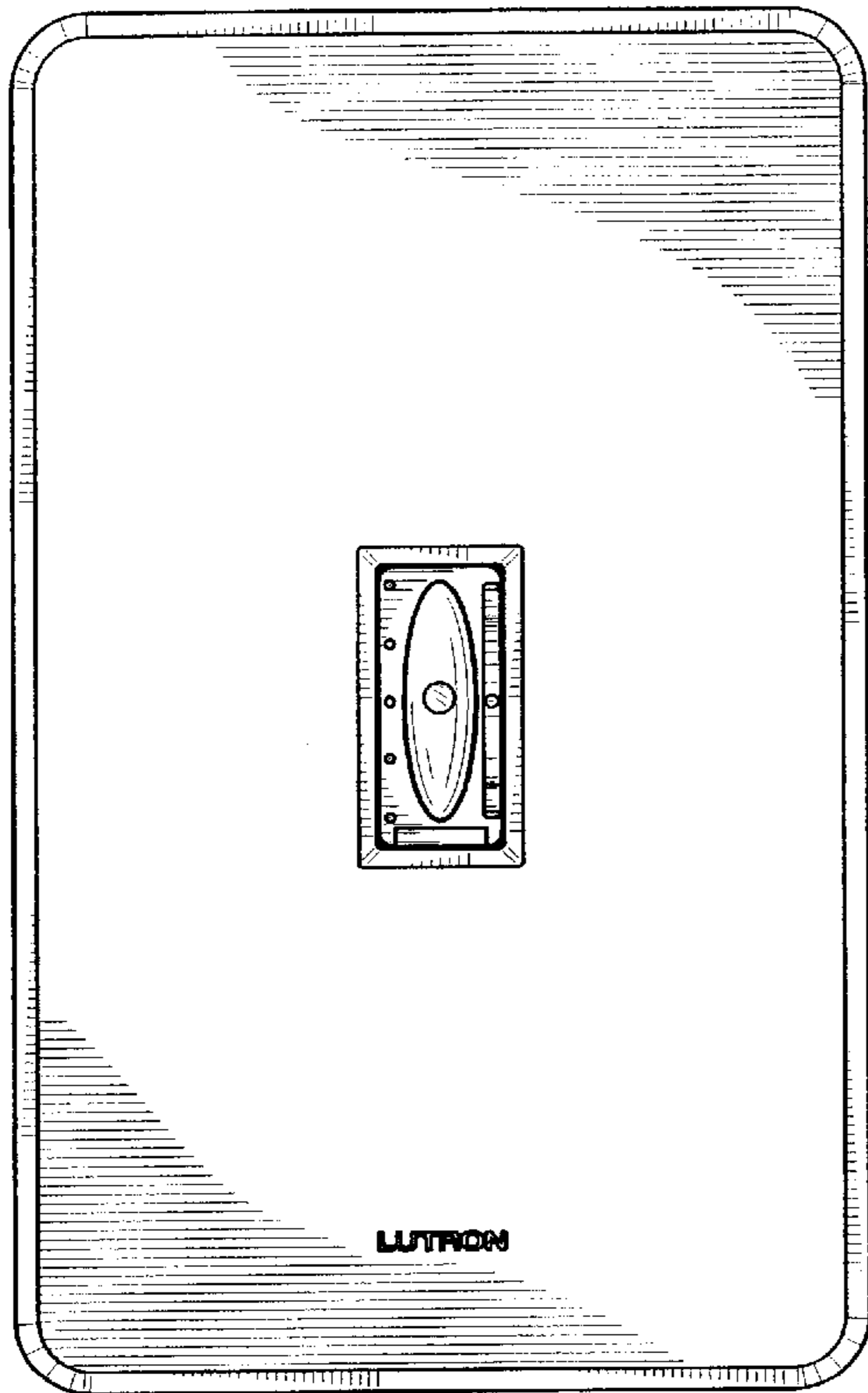


FIG. 2

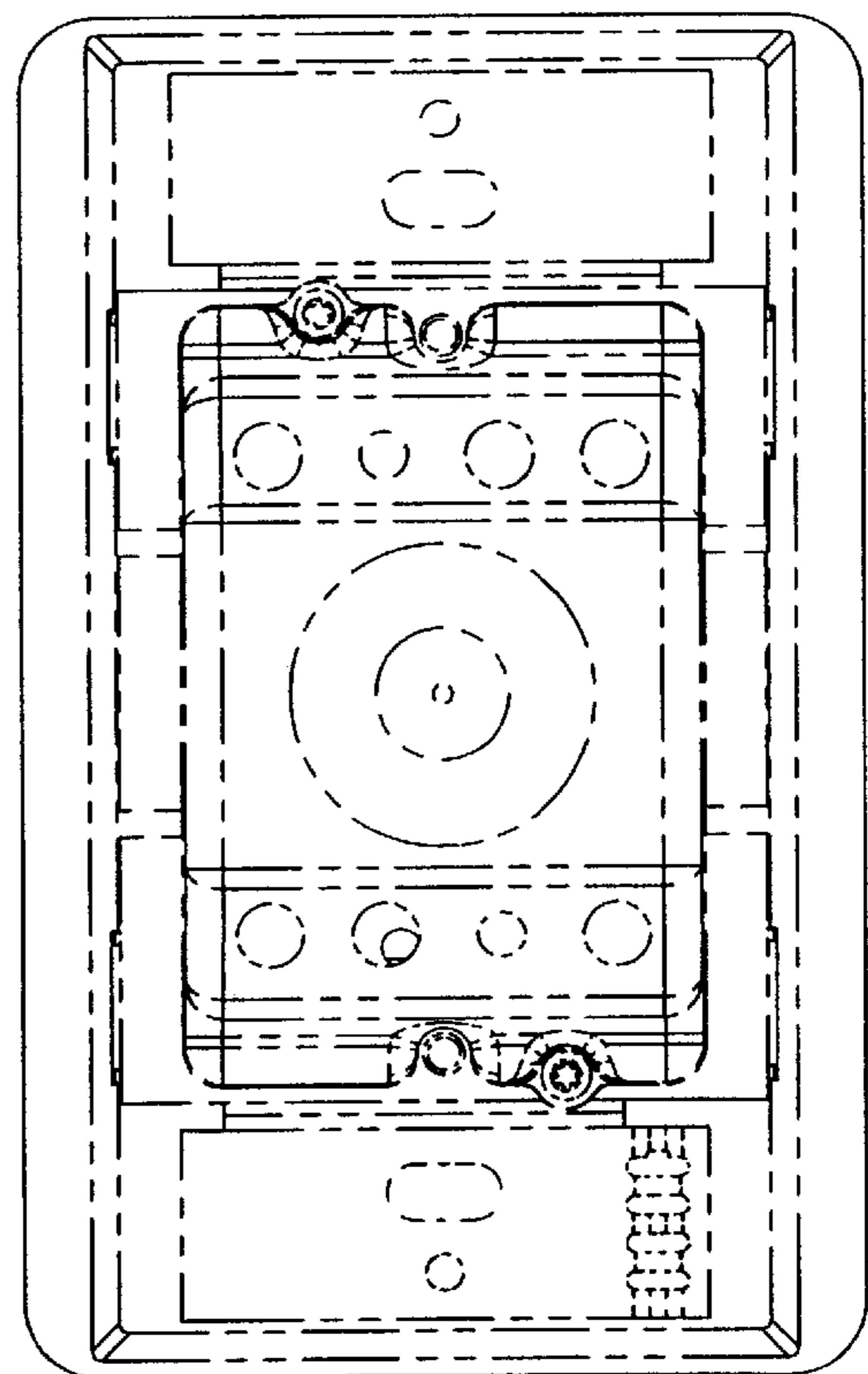


FIG. 3

FIG. 4

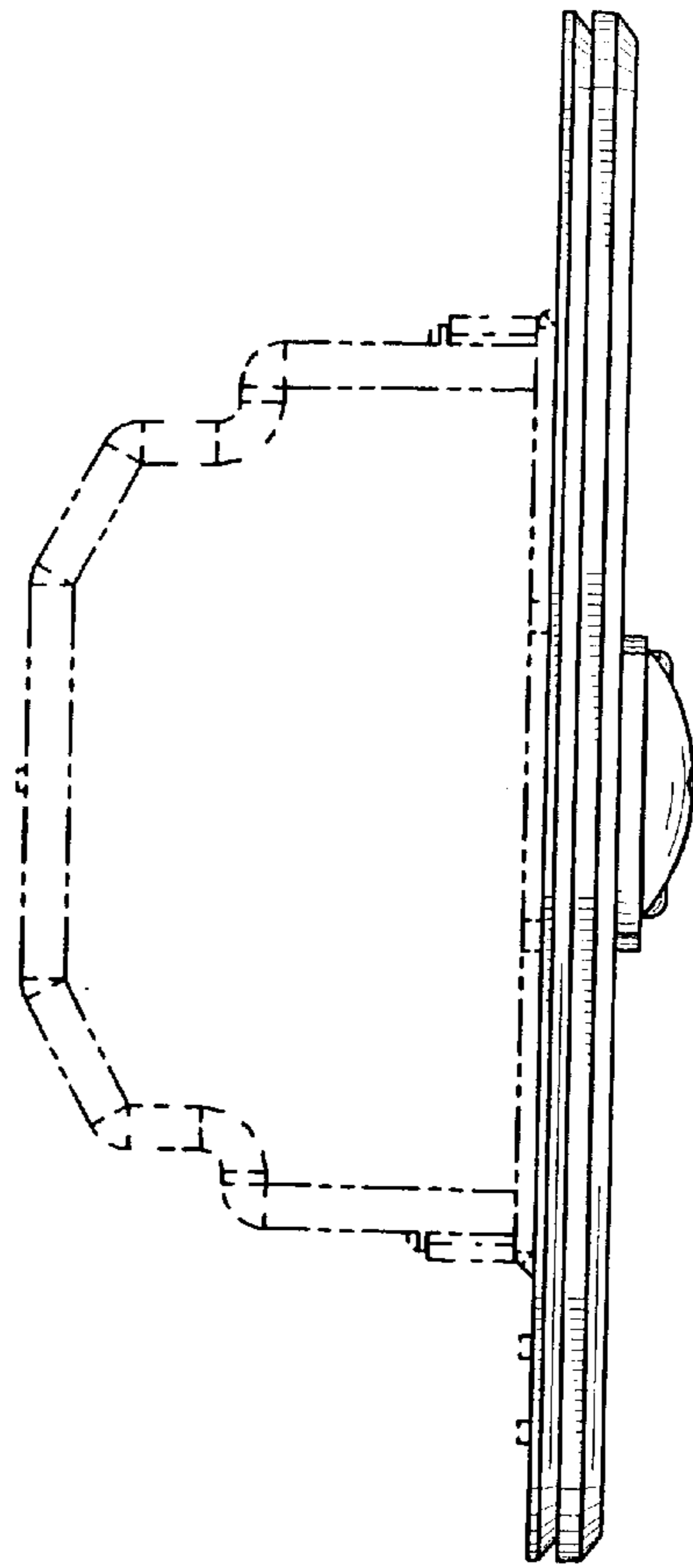
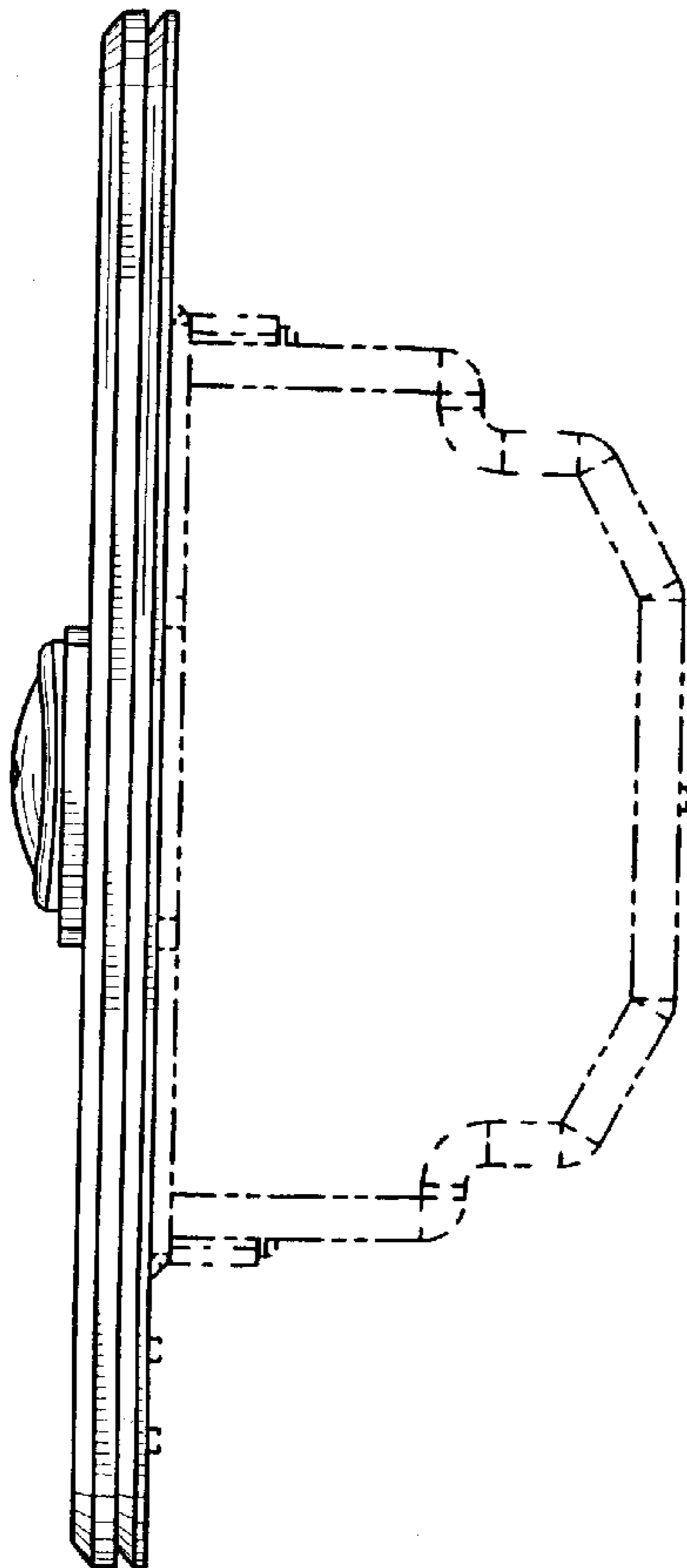


FIG. 5



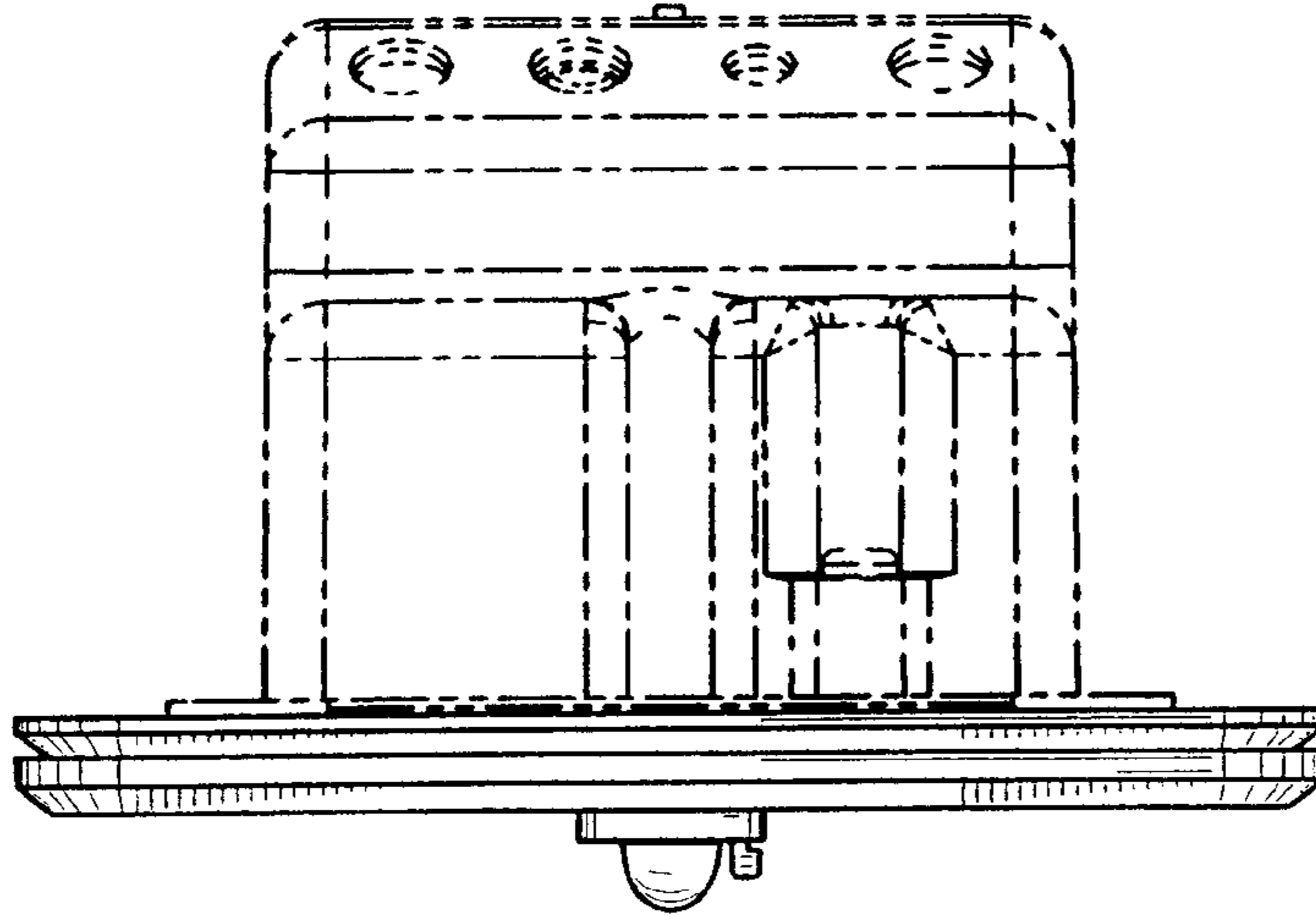


FIG. 6

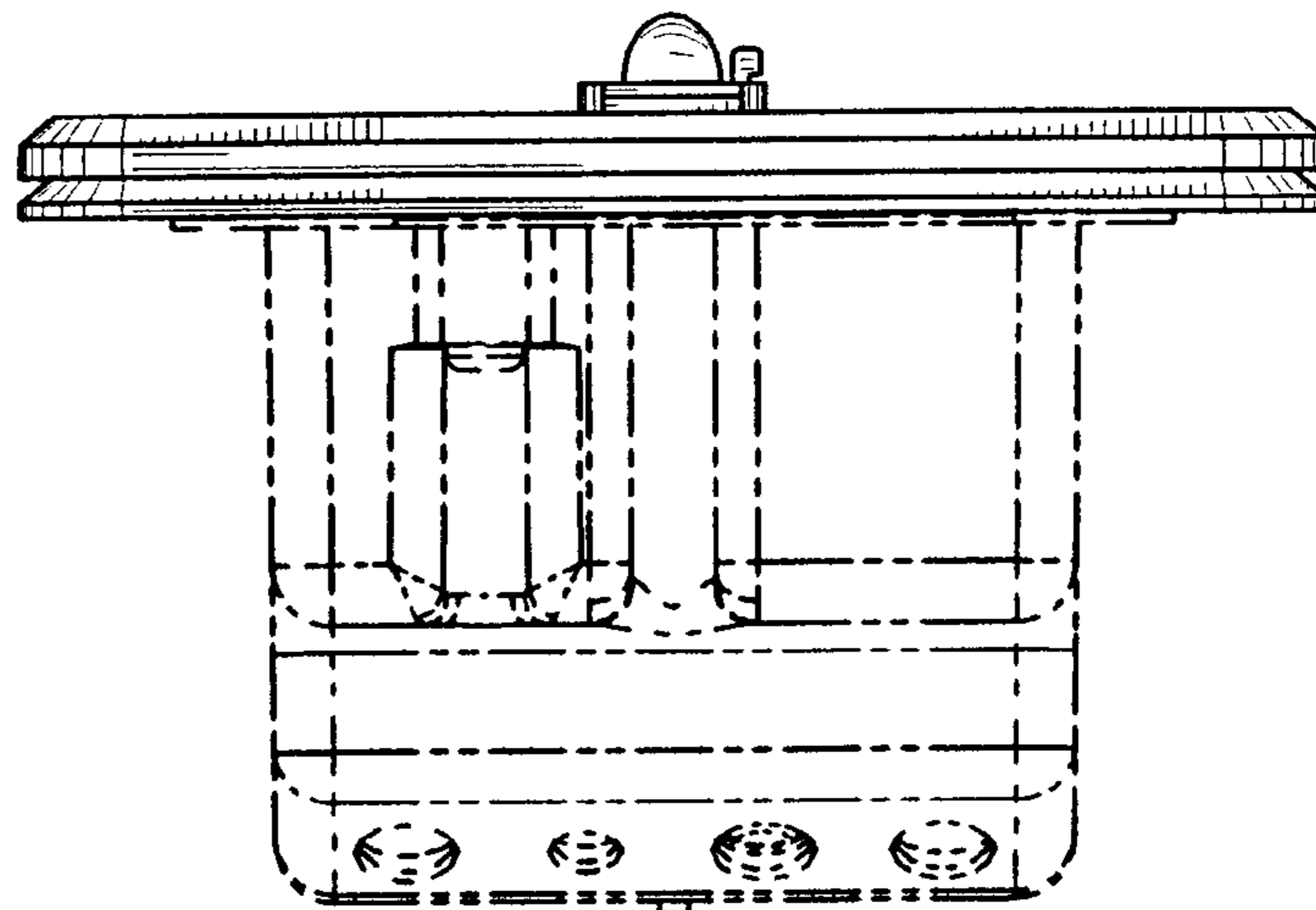


FIG. 7

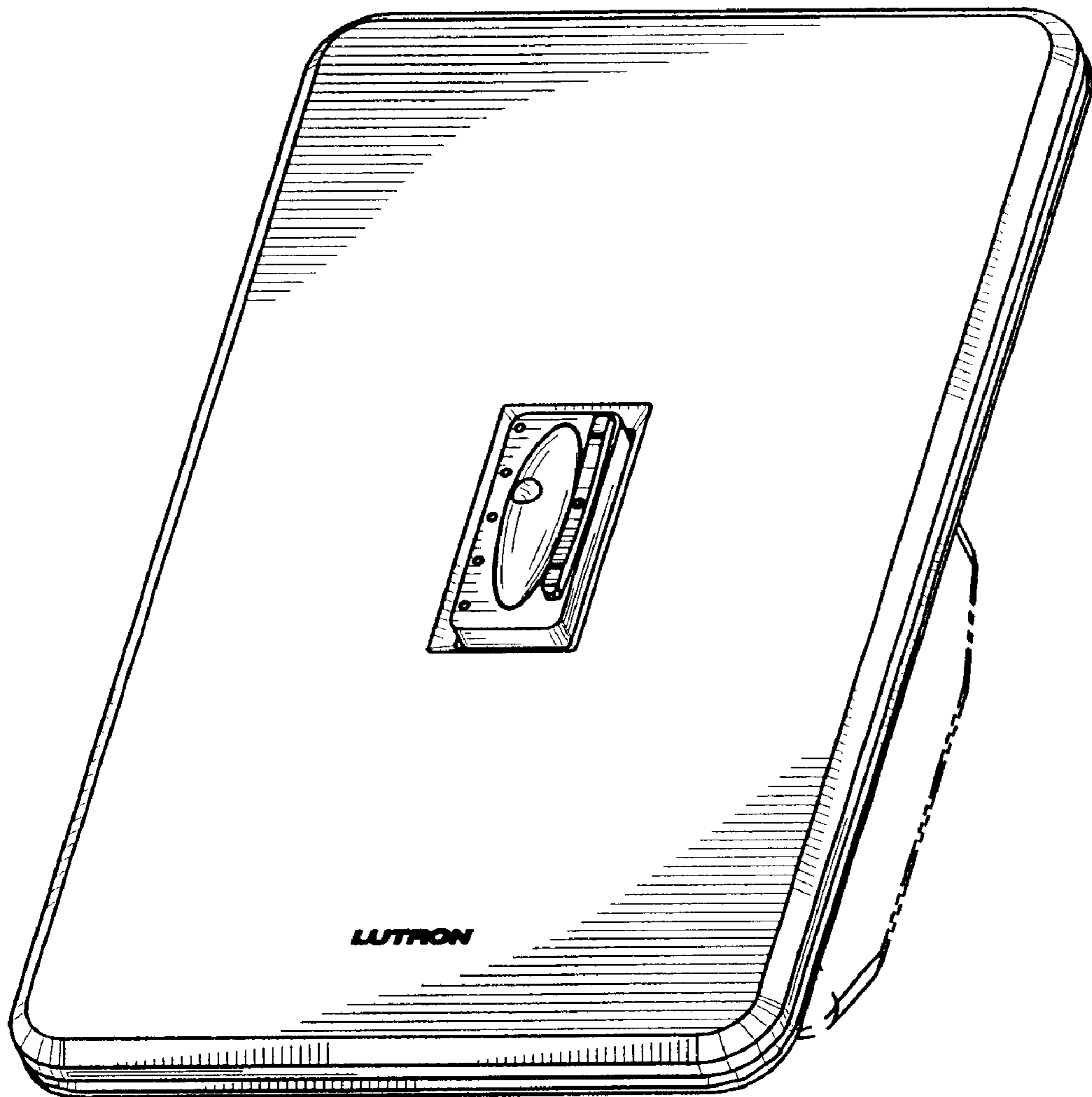


FIG. 8

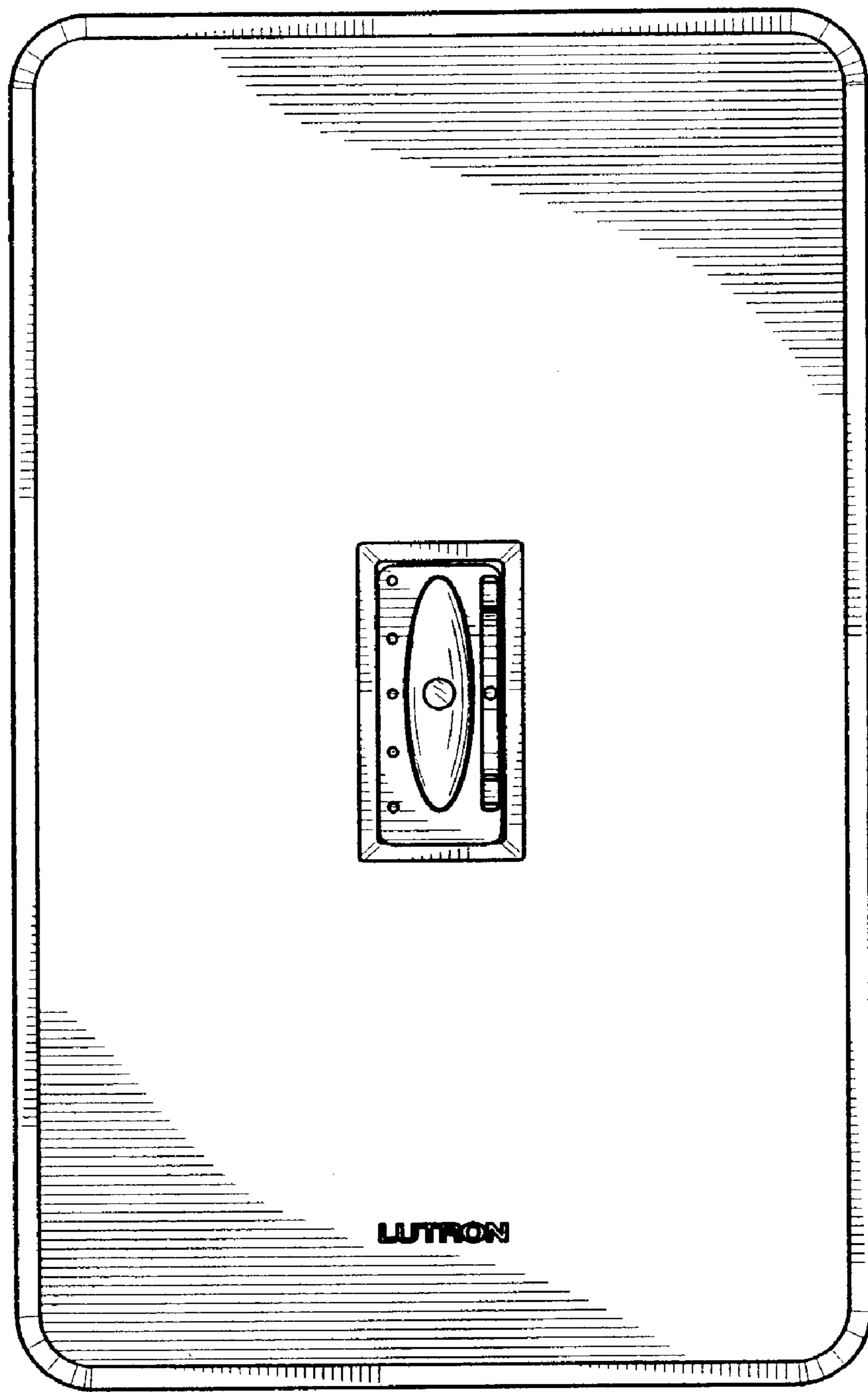


FIG. 9



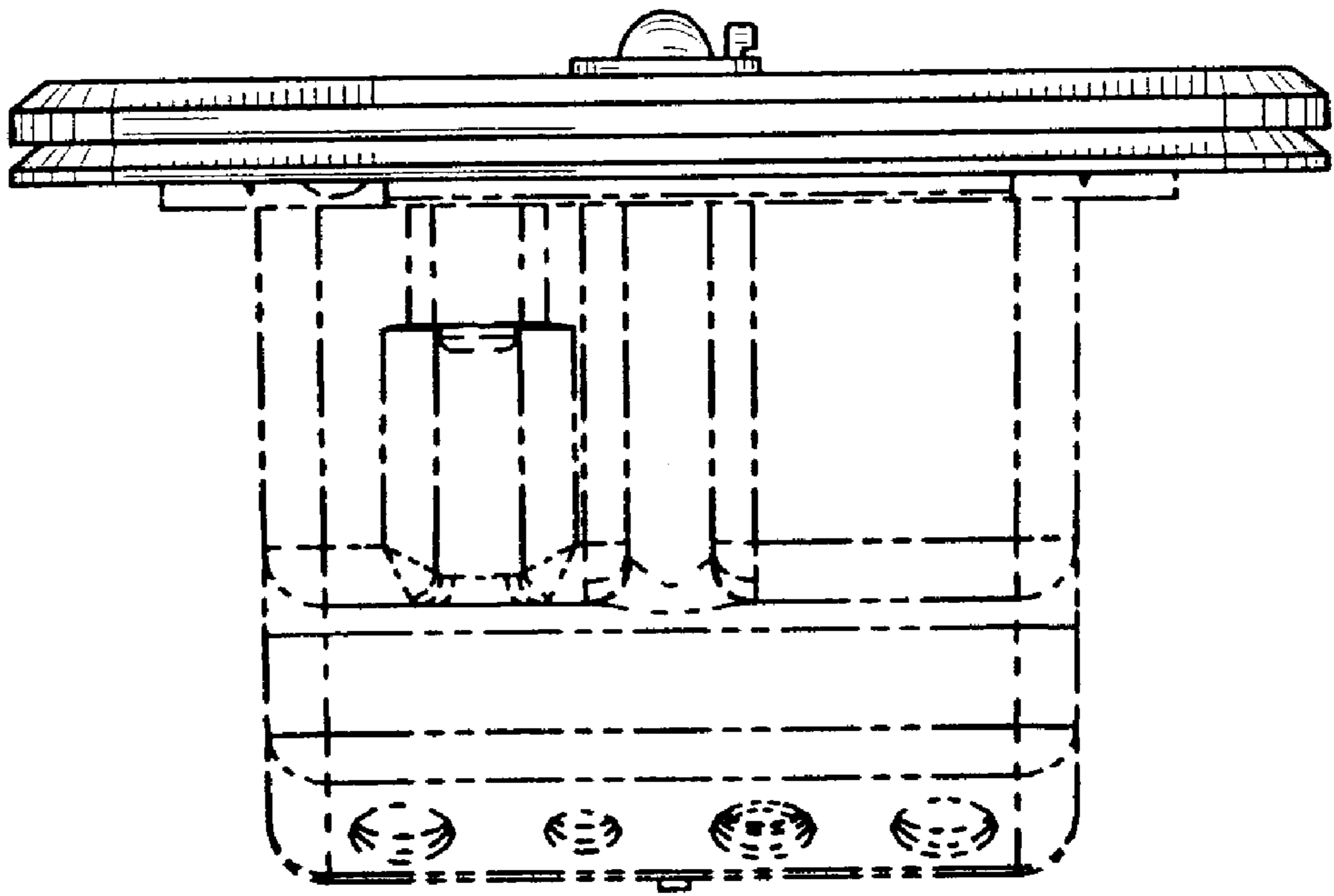


FIG. 10