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

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(54) **DIMMER SWITCH**

OTHER PUBLICATIONS

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NEMA Standards Publication No. ANSI/NEMA WD Jun.  
2001, **WIRING DEVICES—DIMENSIONAL SPECIFI-  
CATIONS**, pp. 5 and 7.

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.)

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

(57) **CLAIM**

(21) Appl. No.: **29/170,063**

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

(22) Filed: **Oct. 31, 2002**

**Related U.S. Application Data**

**DESCRIPTION**

(62) Division of application No. 29/151,502, filed on Nov. 13,  
2001.

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

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

FIG. 2 is a front elevational view thereof;

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

FIG. 3 is a rear elevational view thereof;

(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. 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;

(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
3,939,318 A	2/1976	Brown et al.	200/159 R

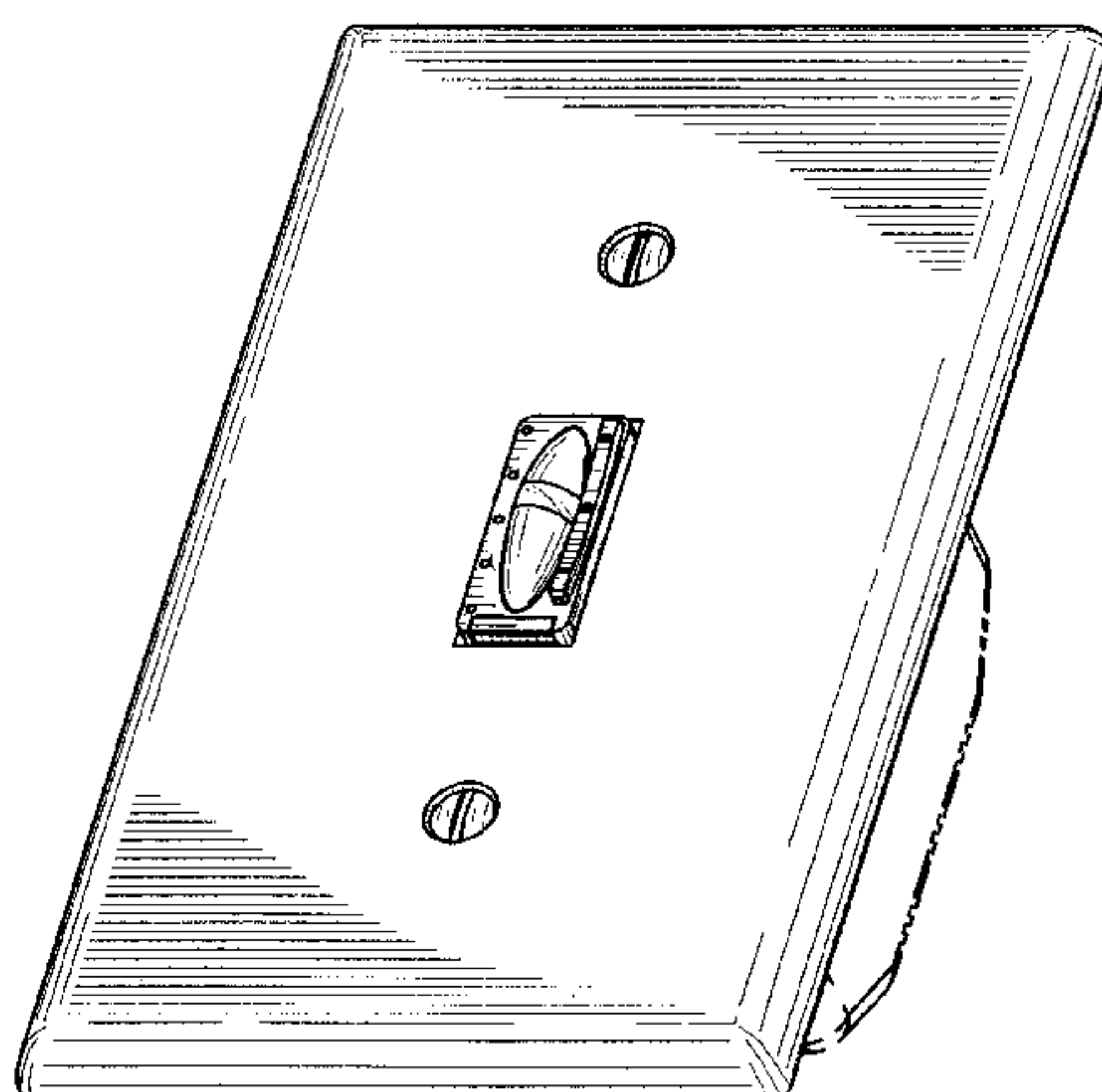
FIG. 9 is a front elevational view of the second embodiment  
shown in FIG. 8; and,

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 illustra-  
tive purpose only and forms no part of the claimed design.

(List continued on next page.)

**1 Claim, 7 Drawing Sheets**



U.S. PATENT DOCUMENTS

4,109,121 A	8/1978	Bauer et al. ....	200/67 E	5,821,482 A	10/1998	Ootani et al. ....	200/5 A
4,159,563 A	7/1979	Bauer et al. ....	29/622	5,844,182 A	12/1998	Hirano et al. ....	200/5 R
D253,342 S	11/1979	Mayo .....	D13/125	5,881,866 A	3/1999	Miyajima et al. ....	200/513
4,352,964 A	10/1982	English .....	200/5 A	5,909,087 A	6/1999	Bryde et al. ....	315/149
4,672,229 A	6/1987	Skarman et al. ....	307/115	5,921,381 A	7/1999	Von Arx .....	200/345
4,695,820 A	9/1987	D'Aleo et al. ....	338/179	5,949,149 A	9/1999	Shitanaka et al. ....	307/10
4,783,581 A	11/1988	Flowers et al. ....	200/332	6,005,308 A	12/1999	Bryde et al. ....	307/157
4,803,380 A	2/1989	Jacoby, Jr. et al. ....	307/157	6,013,885 A	1/2000	Kowalczyk .....	200/315
4,822,963 A	4/1989	Martin .....	200/296	6,107,585 A	8/2000	Gehr .....	200/505
4,833,277 A	5/1989	Jacoby, Jr. et al. ....	174/66	D439,220 S	3/2001	Mayo et al. ....	D13/125
4,835,343 A	5/1989	Graef et al. ....	174/66	D456,785 S	5/2002	Yu .....	D13/169
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				

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.

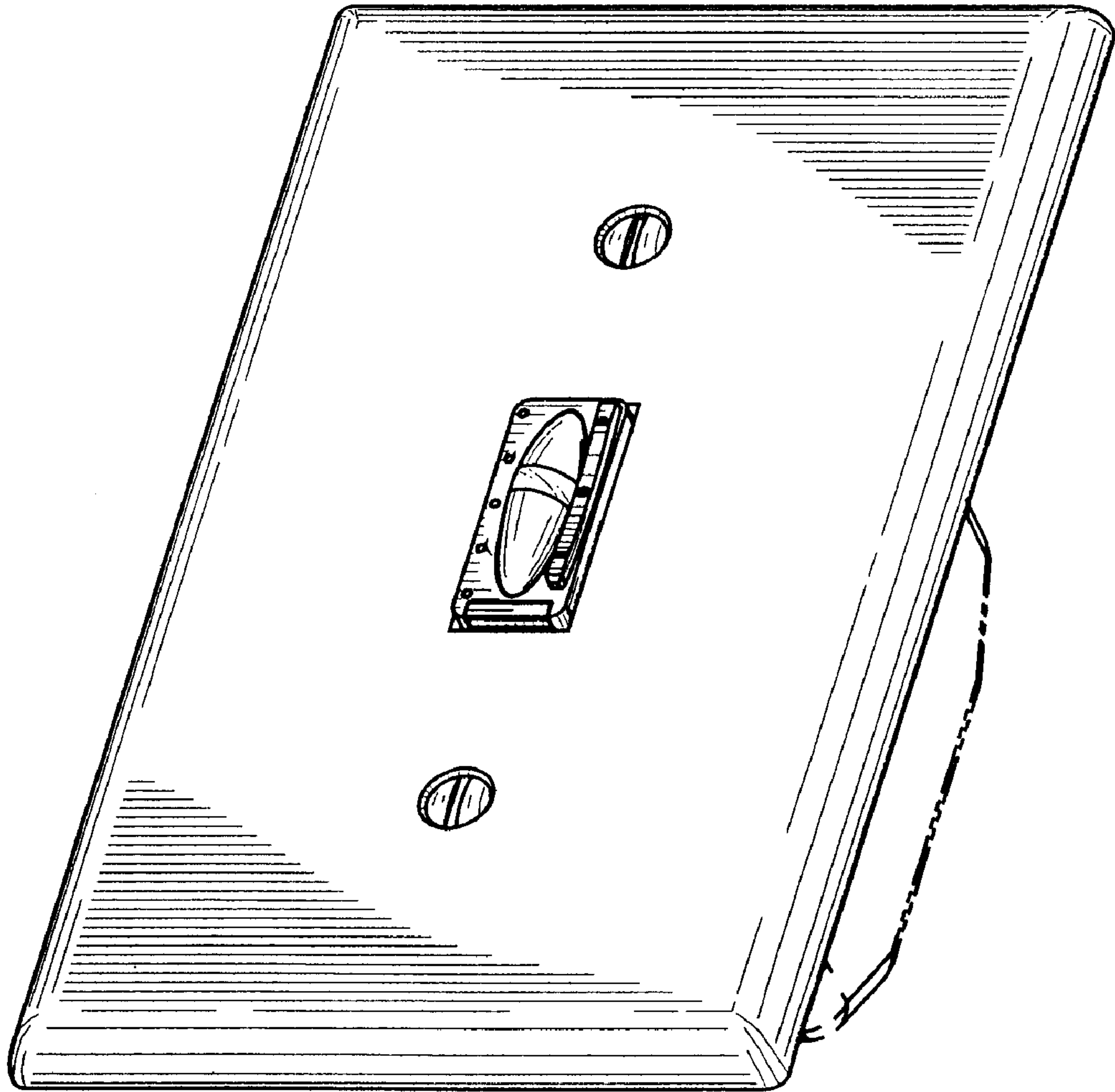


FIG. 1



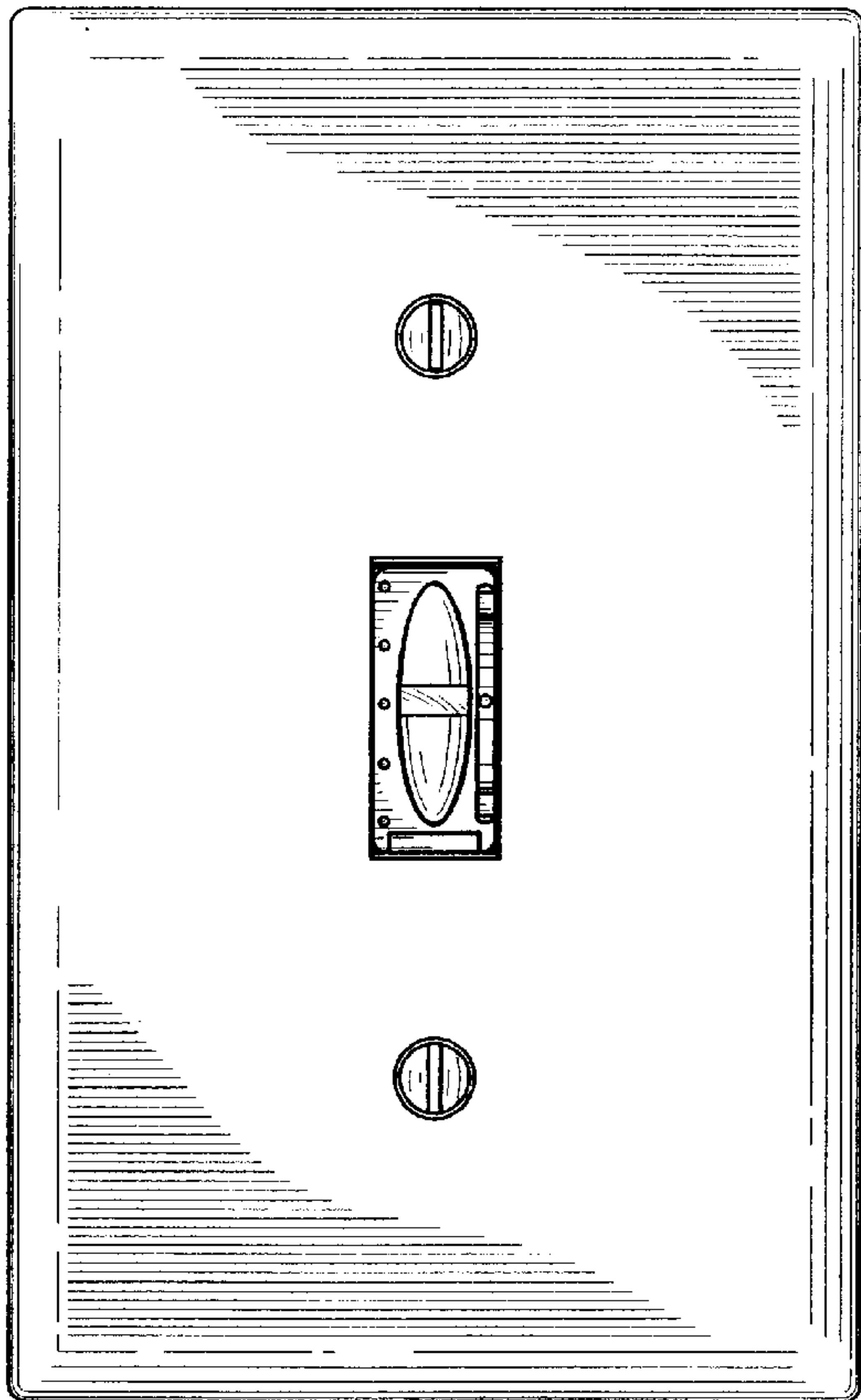


FIG. 2

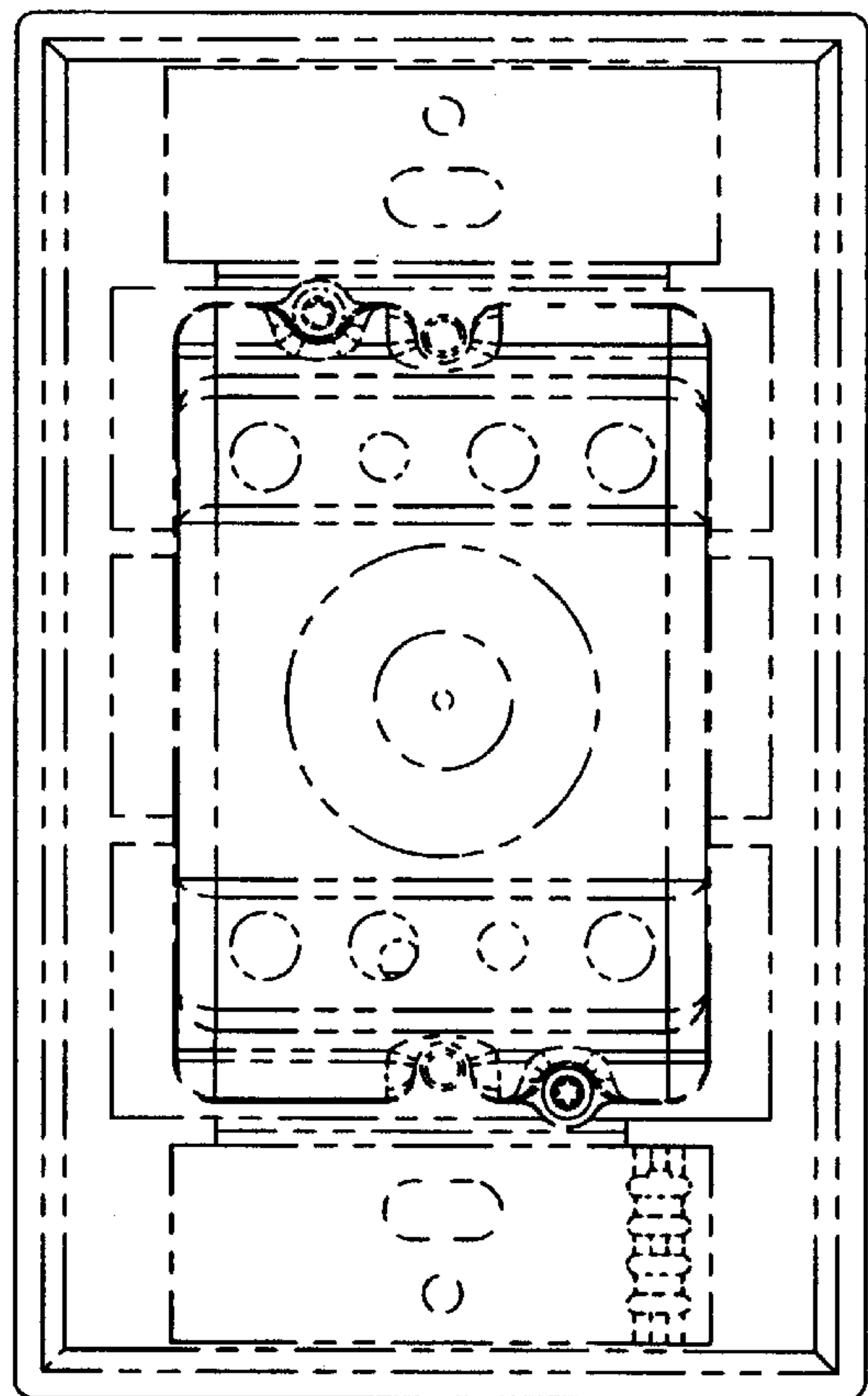


FIG. 3

FIG. 4

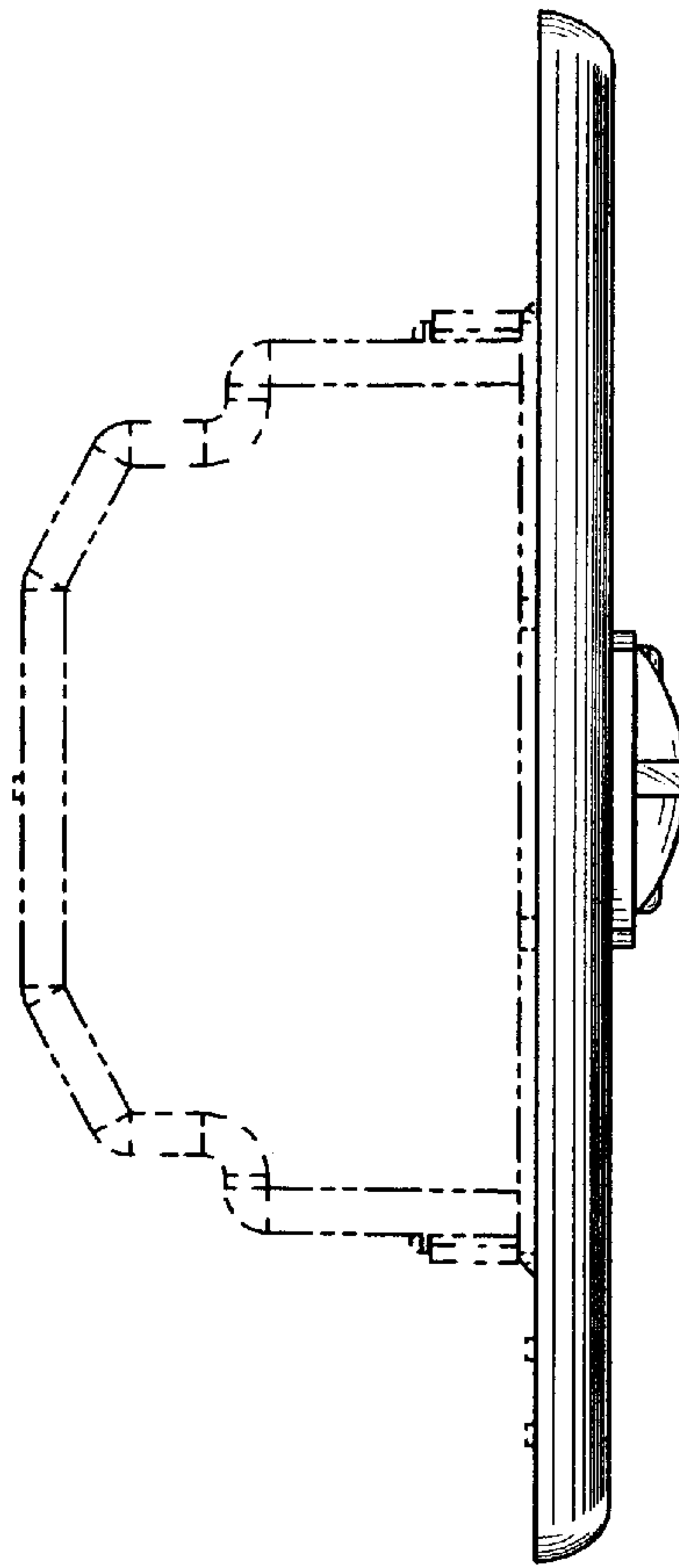
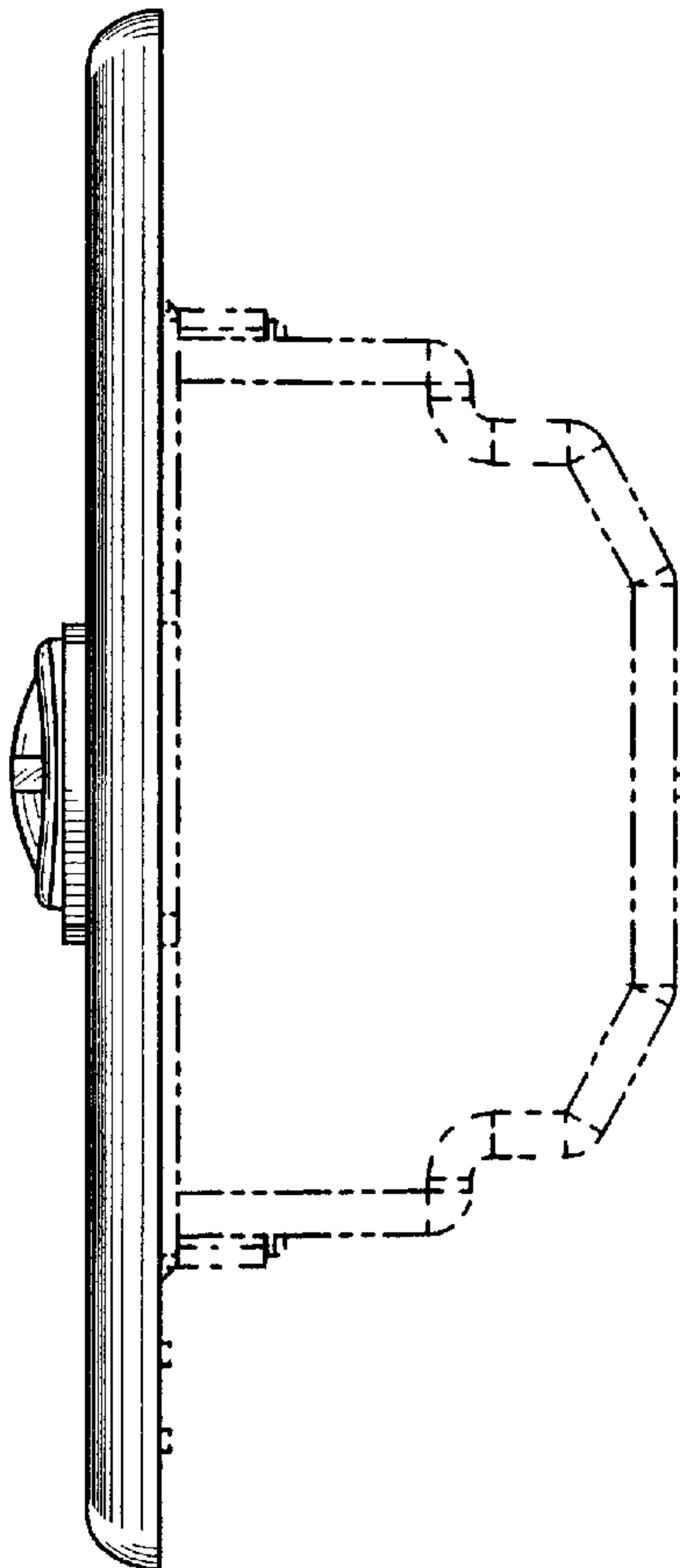


FIG. 5



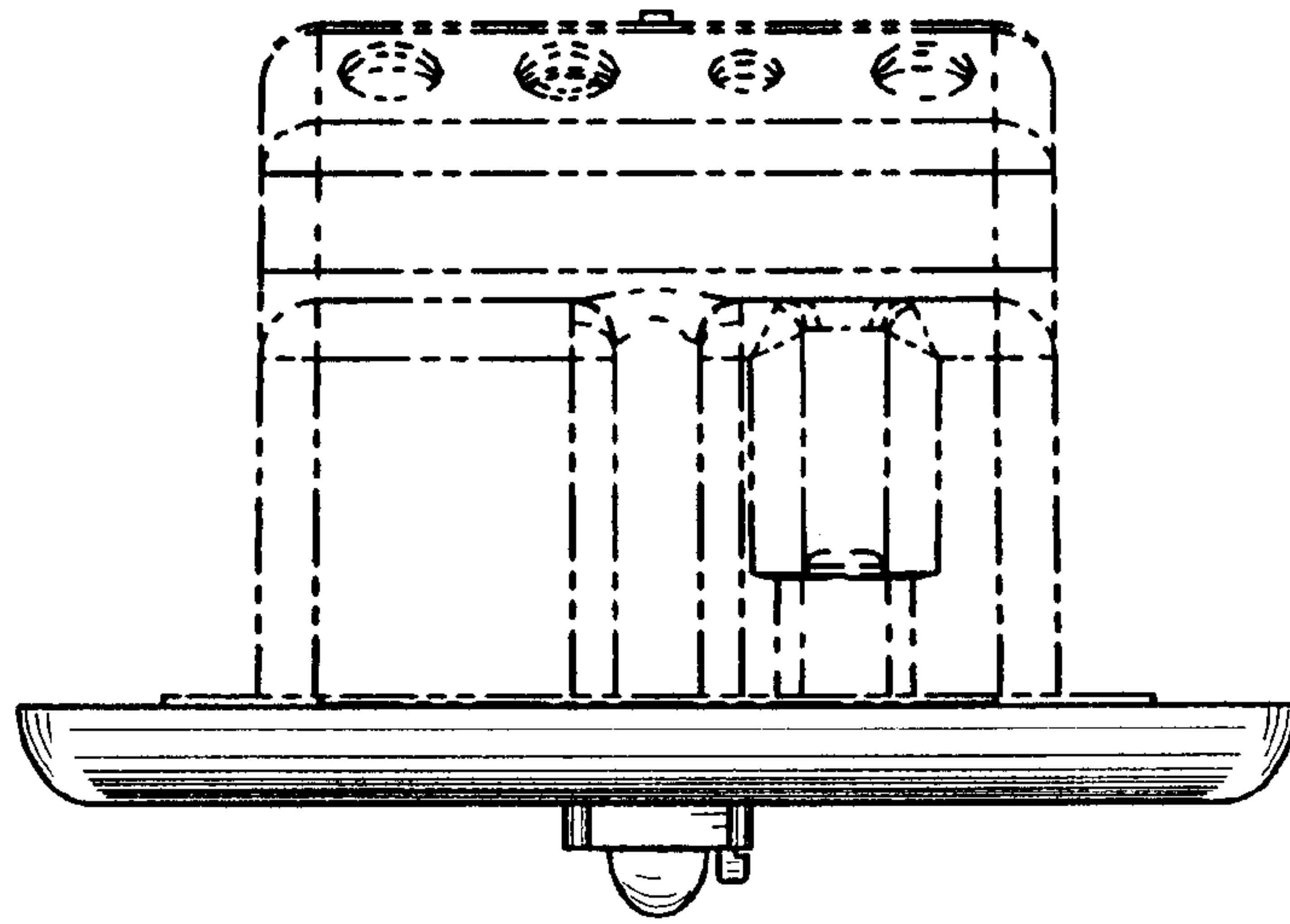


FIG. 6

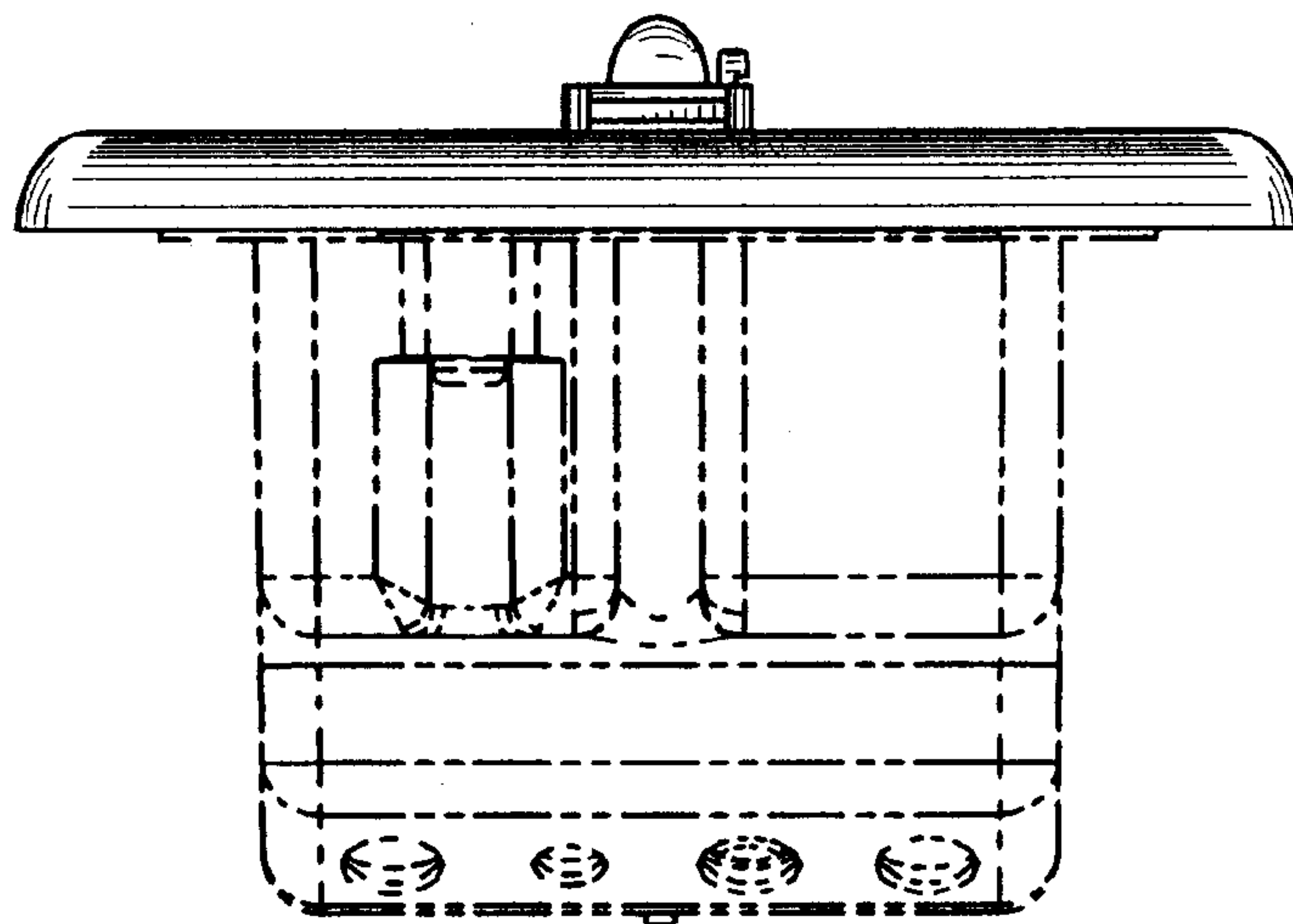


FIG. 7

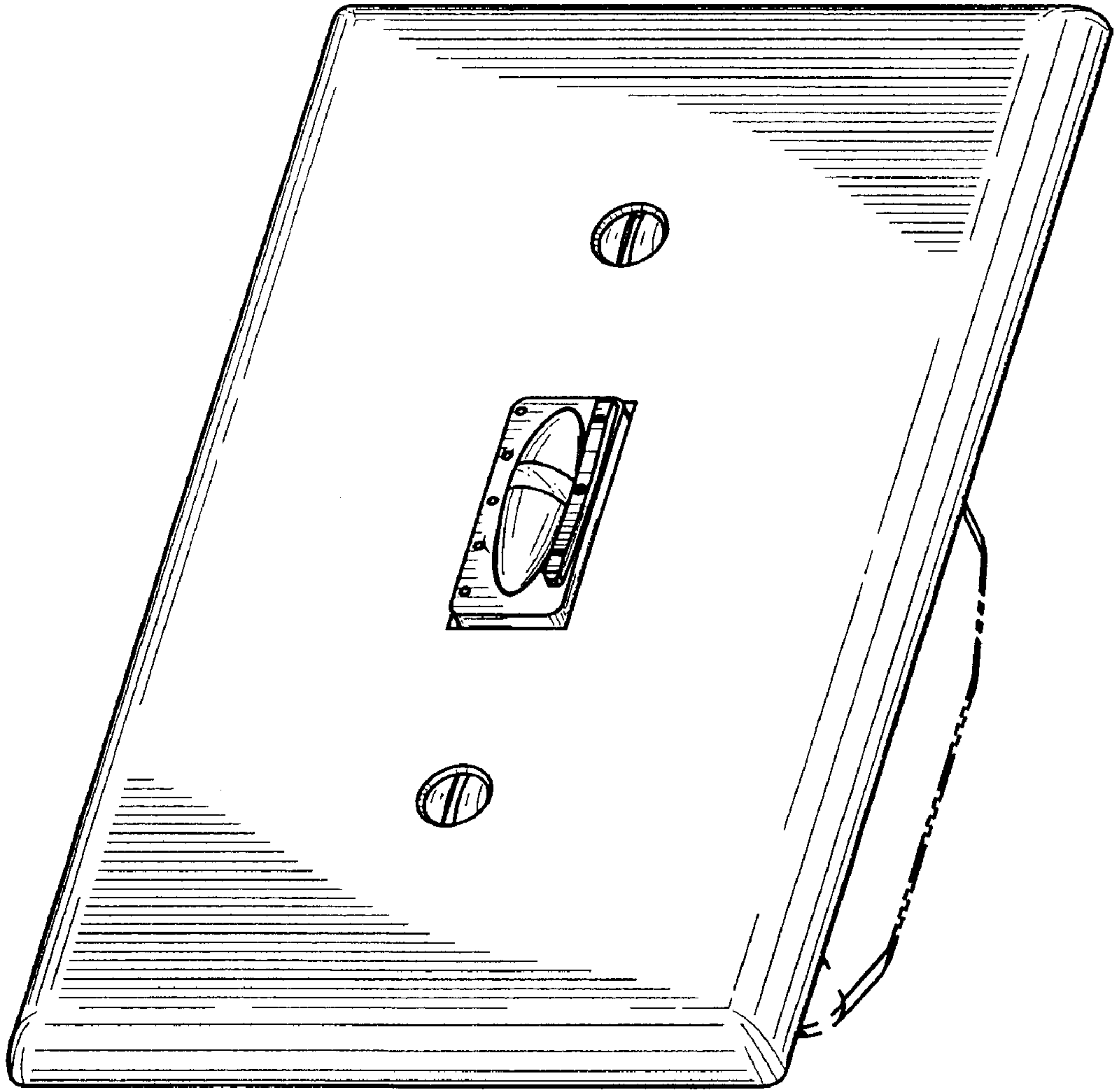


FIG. 8

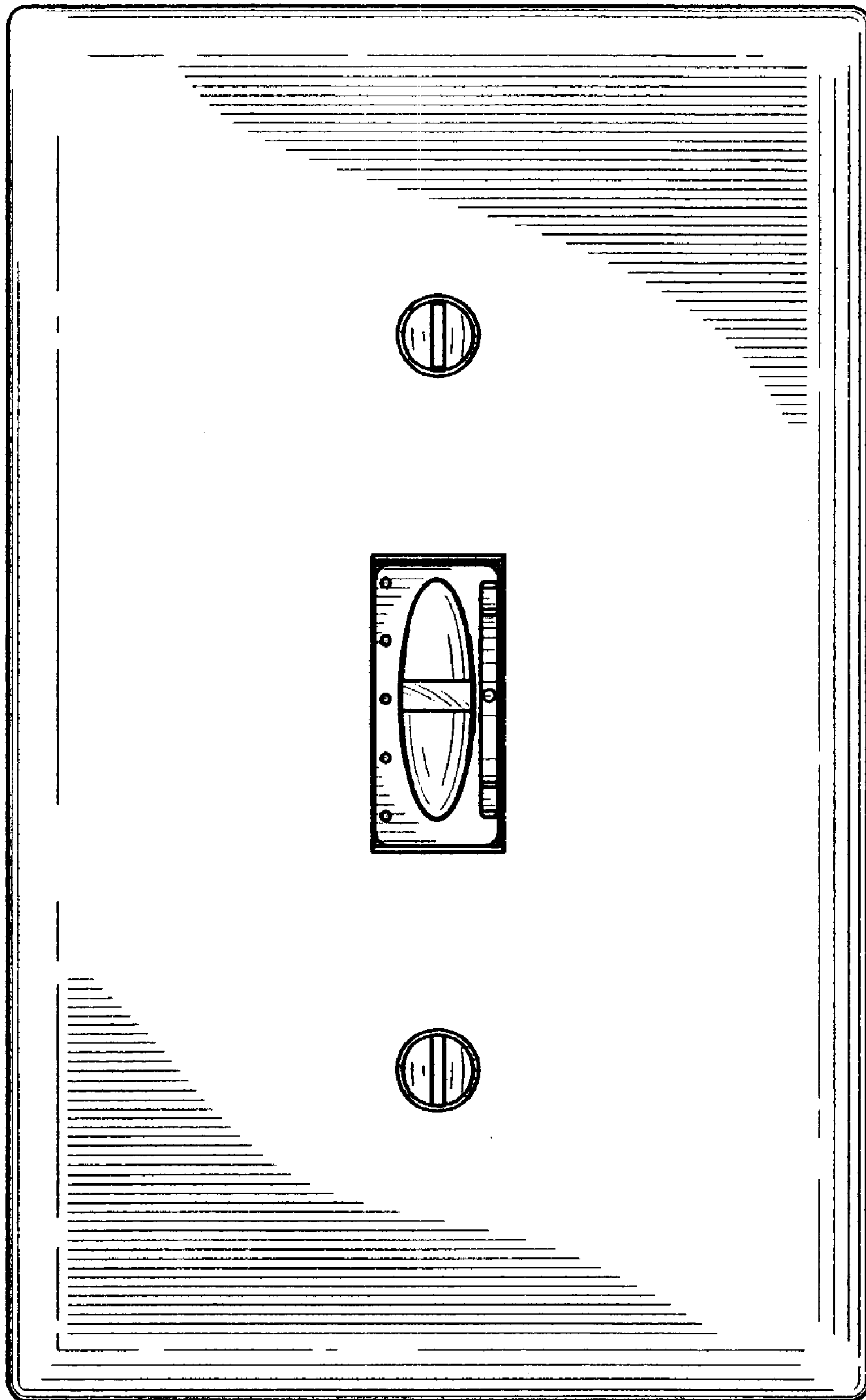


FIG. 9



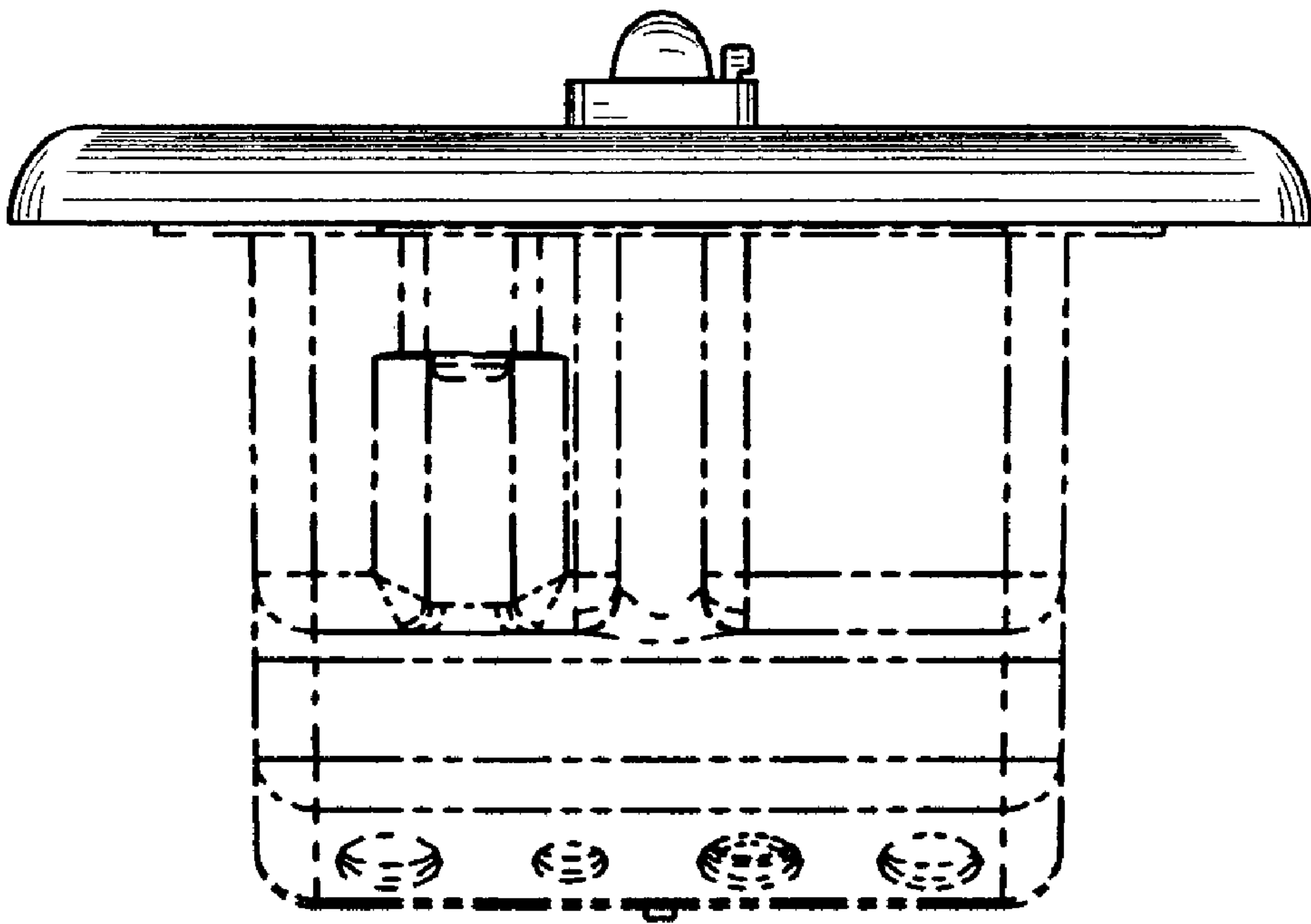


FIG. 10