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(12) **United States Design Patent**
Grandadam

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(54) **LIGHT SWITCH WITH SLIDING ACTUATOR AND INTEGRATED LIGHT SOURCE**

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(**) Term: **15 Years**

(21) Appl. No.: **29/670,565**

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(51) **LOC (12) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/170**

(58) **Field of Classification Search**
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CPC F21V 23/04; H01H 3/0213; H01H 15/00;
H01H 15/02; H01H 15/025; H01H 15/06;
H01H 15/10; H01H 9/02; H01H 9/0271;
H01H 9/16; H01H 9/161; H01H 9/18;
H01H 9/181; H01H 9/182
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,947,054	A *	8/1990	Flowers	H01H 3/0213
					200/547
4,972,045	A *	11/1990	Primeau	H01H 15/10
					174/66
4,988,840	A *	1/1991	Carson	H01C 10/44
					200/334
5,017,837	A	5/1991	Hanna et al.		
5,064,276	A	11/1991	Endo et al.		
D336,744	S	6/1993	Kahn et al.		
D339,326	S	9/1993	Mayo et al.		
5,618,100	A	4/1997	Glynn		
5,763,872	A	6/1998	Ness		
6,010,228	A	1/2000	Blackman et al.		
6,010,235	A	1/2000	Sawyer		

(Continued)

FOREIGN PATENT DOCUMENTS

EP	2149744	2/2010
EP	2568488	3/2013
KR	2016003934	11/2016

OTHER PUBLICATIONS

Promier—LitezAll COB LED Cordless Light Switch, Oct. 19, 2015.

(Continued)

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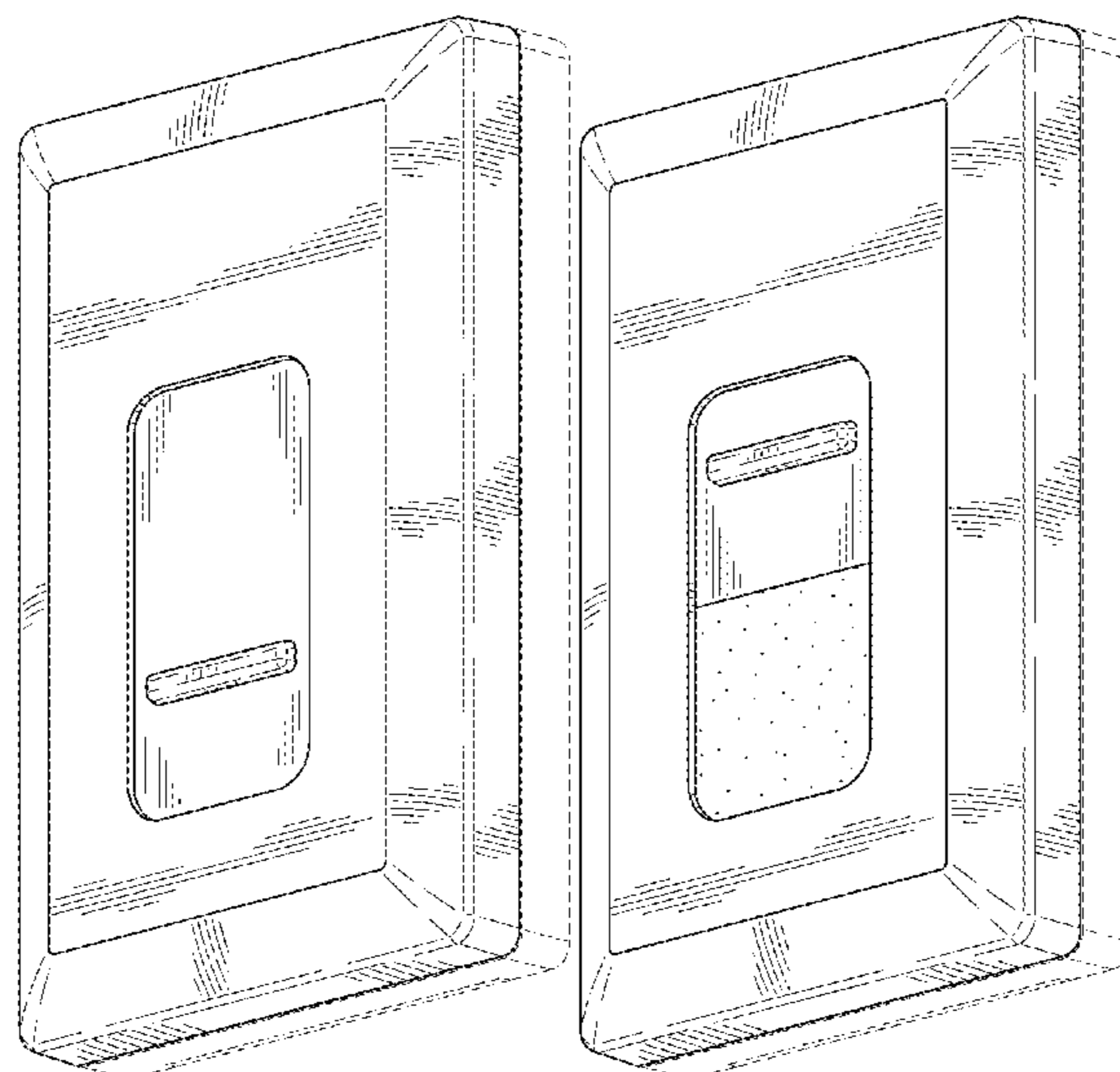
(57) **CLAIM**

I claim the ornamental design for a light switch with sliding actuator and integrated light source, as shown and described.

DESCRIPTION

FIG. 1 is a prospective view of a light switch with sliding actuator and integrated light source, according to a new design, where the light switch is shown in a closed position. FIG. 2 is a front view of the light switch of FIG. 1. FIG. 3 is a right side view of the light switch of FIG. 1. FIG. 4 is a left side view of the light switch of FIG. 1. FIG. 5 is a top view of the light switch of FIG. 1. FIG. 6 is a bottom view of the light switch of FIG. 1. FIG. 7 is a rear view of the light switch of FIG. 1. FIG. 8 is a prospective view of the light switch of FIG. 1, where the light switch is shown in an open position. FIG. 9 is a front view of the light switch of FIG. 8. FIG. 10 is a right side view of the light switch of FIG. 8; and, FIG. 11 is a left side view of the light switch of FIG. 8. Features shown in broken or dashed lines form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

6,030,094 A 2/2000 Sedovic
 6,520,661 B1 2/2003 Hill
 6,648,496 B1 11/2003 Elghoroury et al.
 7,021,788 B2 4/2006 Poon
 7,036,961 B2 5/2006 Defouw et al.
 7,122,753 B1 * 10/2006 Davis H01H 3/0213
 200/331
 7,165,876 B2 1/2007 Dickie
 7,204,614 B2 4/2007 Hanis et al.
 7,273,983 B1 9/2007 Rintz
 7,506,990 B2 3/2009 Glazner
 7,582,828 B2 9/2009 Ryan
 D607,849 S * 1/2010 Samuels D13/170
 8,003,886 B1 8/2011 Rintz
 8,075,149 B2 12/2011 Ko et al.
 D652,549 S 1/2012 Pineault et al.
 8,247,693 B2 8/2012 Gober
 8,622,564 B2 1/2014 Chang et al.
 8,646,936 B2 2/2014 Goyal et al.
 8,912,442 B2 12/2014 Smith
 8,939,601 B1 1/2015 Lee
 D724,035 S 3/2015 Flowers et al.
 D751,236 S 3/2016 Renshaw et al.
 9,345,110 B2 5/2016 Miller
 9,384,657 B2 7/2016 Mullet et al.
 9,583,288 B2 2/2017 Jones et al.
 D782,986 S 4/2017 Vasquez et al.
 D795,203 S 8/2017 Vasquez et al.
 9,818,559 B2 11/2017 Tress et al.
 10,066,820 B2 9/2018 Johnson
 D837,746 S * 1/2019 Guan D13/162
 D839,217 S * 1/2019 Hakkarainen D13/170
 2004/0080932 A1 4/2004 Hata

2005/0012633 A1 1/2005 Yoon
 2005/0195594 A1 9/2005 Kurtz
 2005/0237756 A1 10/2005 Ogawa
 2007/0217211 A1 9/2007 Hewson et al.
 2008/0043471 A1 2/2008 Musgrove et al.
 2008/0117623 A1 5/2008 Tarter
 2008/0169176 A1 7/2008 Yang
 2010/0033950 A1 2/2010 Farrell
 2011/0024154 A1 * 2/2011 Gladden, Jr. H01H 15/10
 174/66
 2011/0255274 A1 10/2011 Coleman
 2012/0112641 A1 5/2012 Leshniak
 2012/0286940 A1 11/2012 Carmen, Jr. et al.
 2016/0248202 A1 8/2016 Smith et al.
 2017/0140884 A1 5/2017 Peng
 2019/0154242 A1 * 5/2019 Grandadam F21V 23/04
 2020/0173644 A1 * 6/2020 Yamamoto F21V 33/00

OTHER PUBLICATIONS

Vibelite Tap Light, Magnet Stick-on Anywhere, Amazon, Nov. 5, 2017.
 Premier—LitezAll COB LED Jumbo Cordless Light Switch 400 Lumens, Jul. 16, 2016.
 Nebo Flipit Contemporary 2 Pack Portable Led Light, Amazon, Jul. 6, 2017.
 Dimmable COB LED Cordless Switch Light, Amazon, Aug. 28, 2017.
 2 Light Switch Wall Nightlight 8-LED, Amazon, Aug. 17, 2015.
 Might Light LED Motion Sensor Night Light, Banggood, Aug. 10, 2012.
 International Search Report and Written Opinion issued to PCT/US2018/061851, dated Jan. 19, 2019, 18 pages.

* cited by examiner

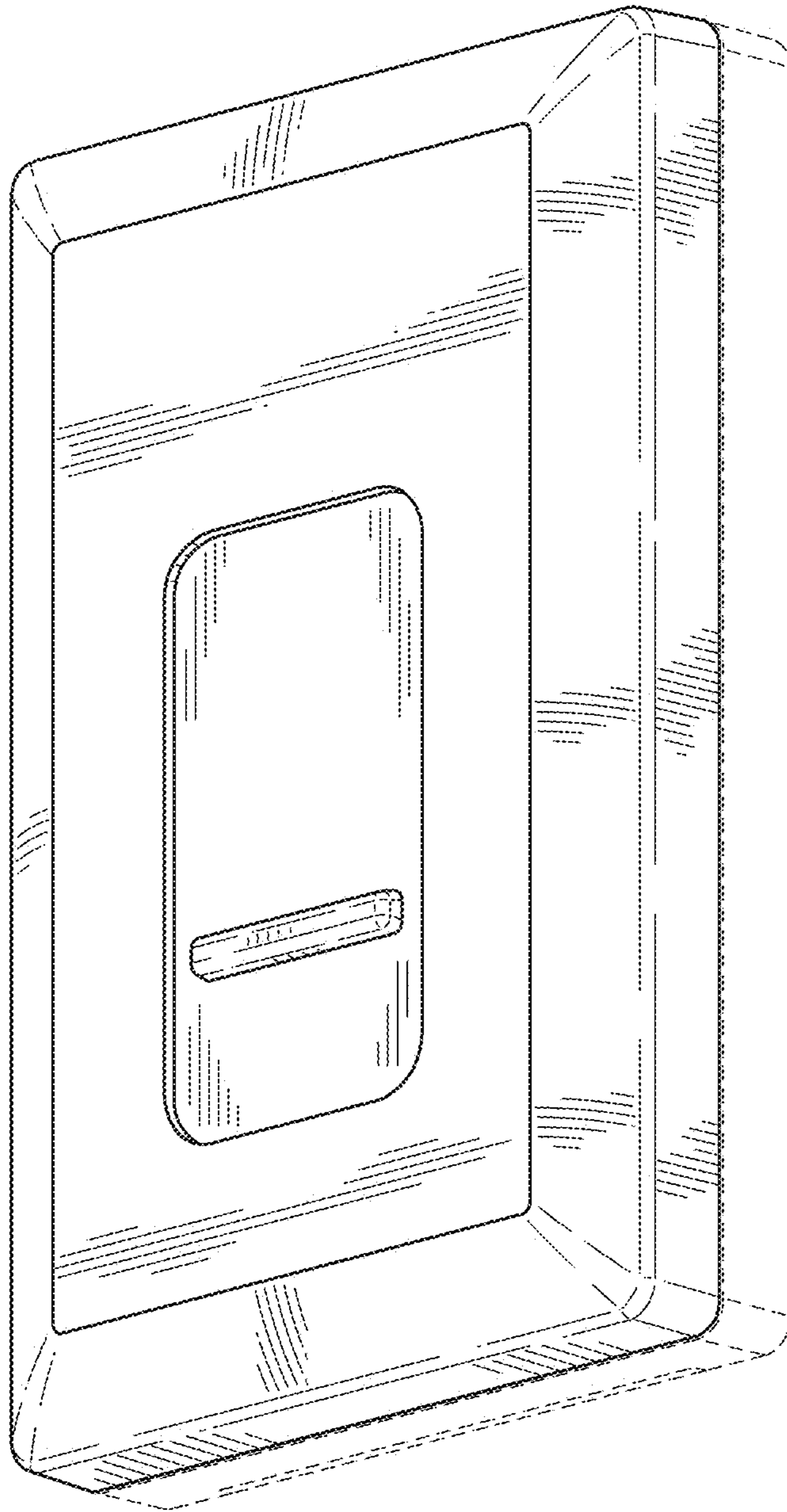


FIG. 1

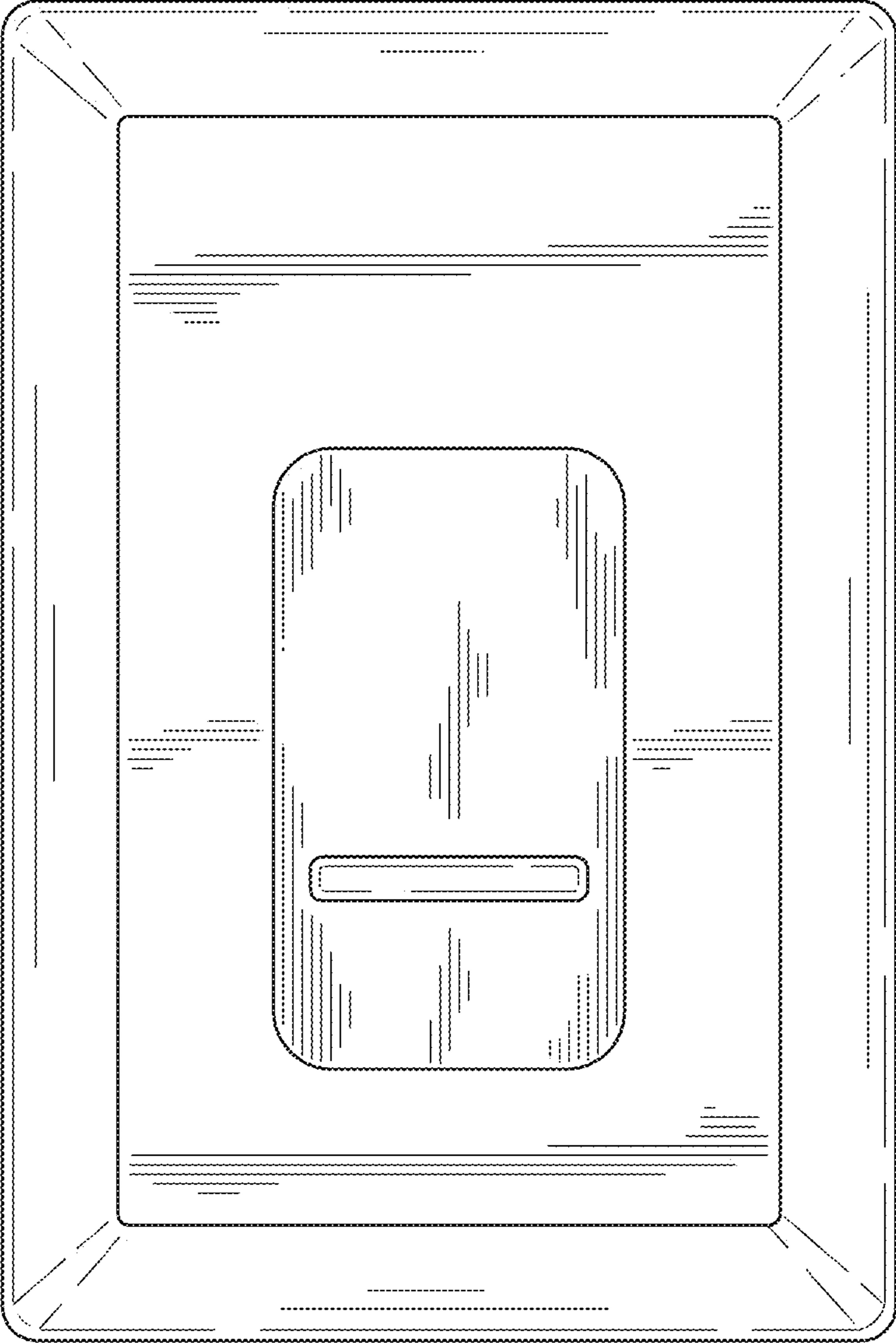


FIG. 2

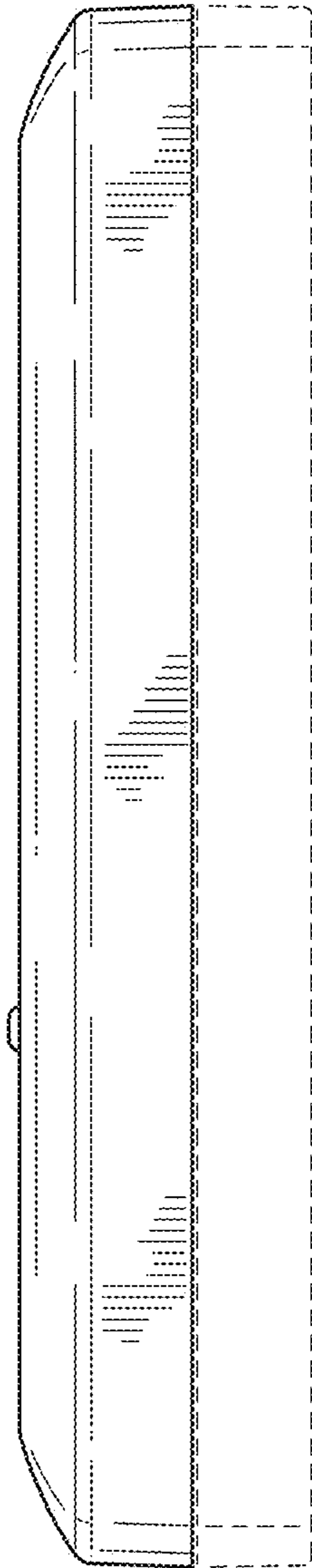


FIG. 3

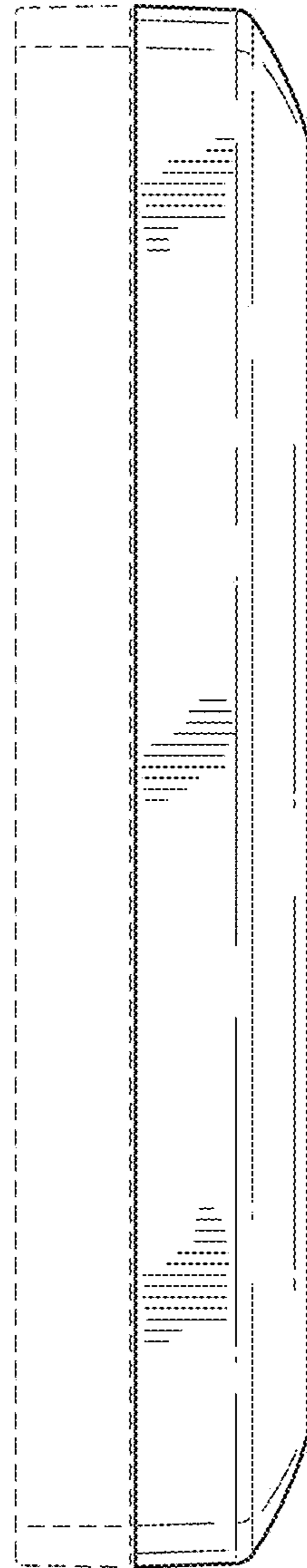


FIG. 4

FIG. 5

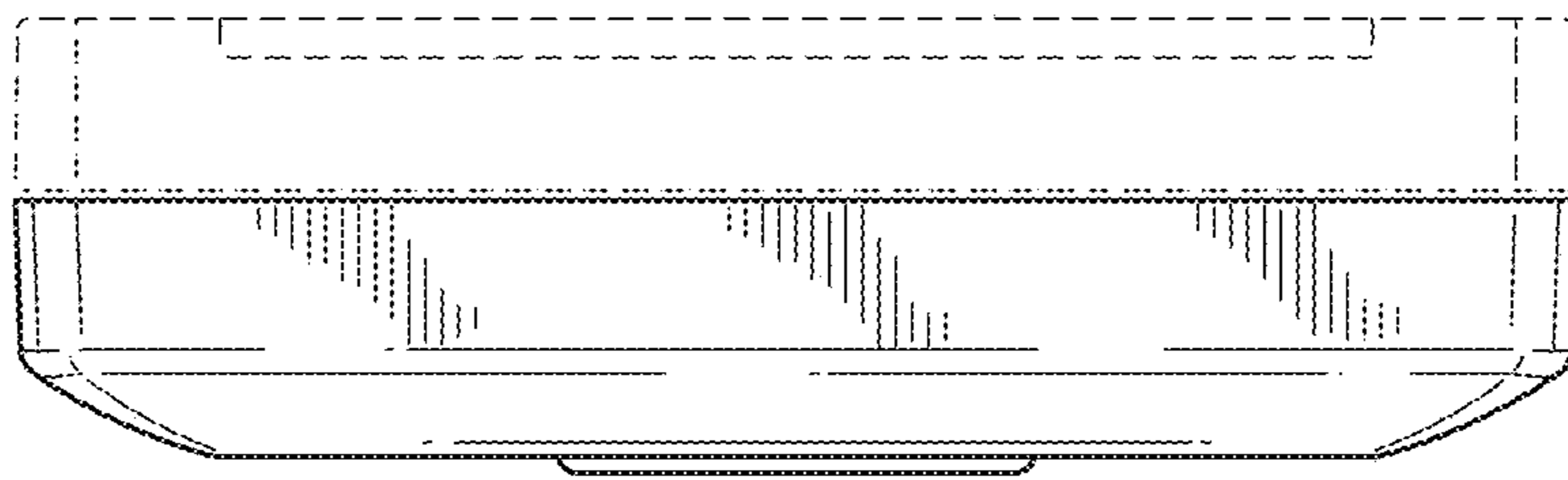
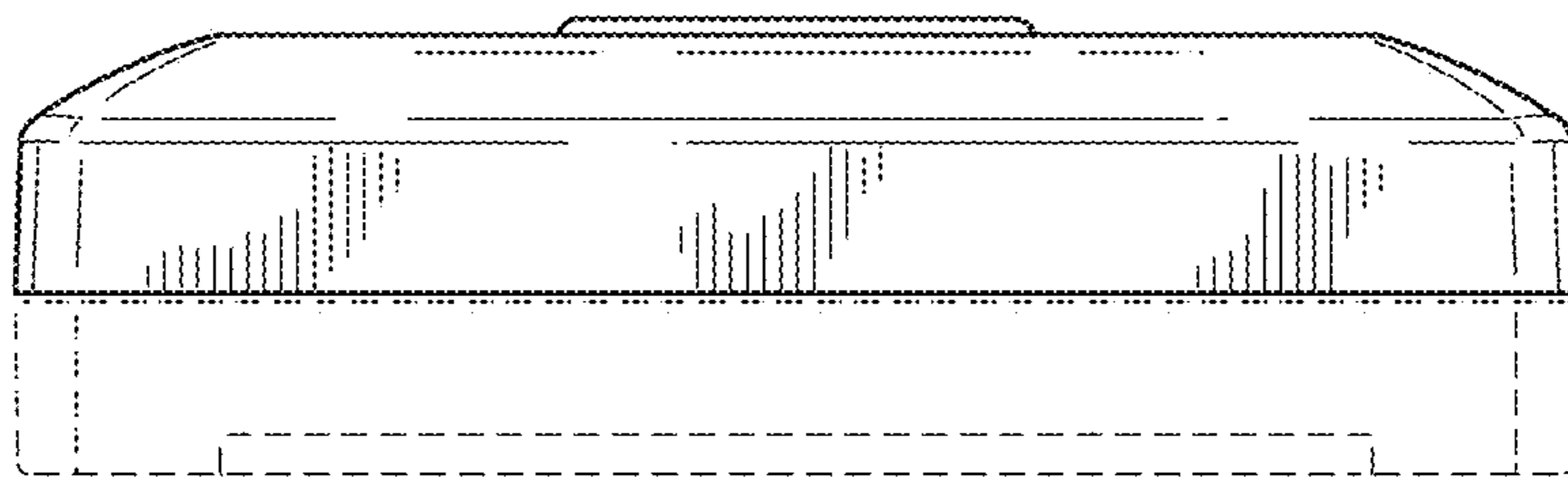


FIG. 6



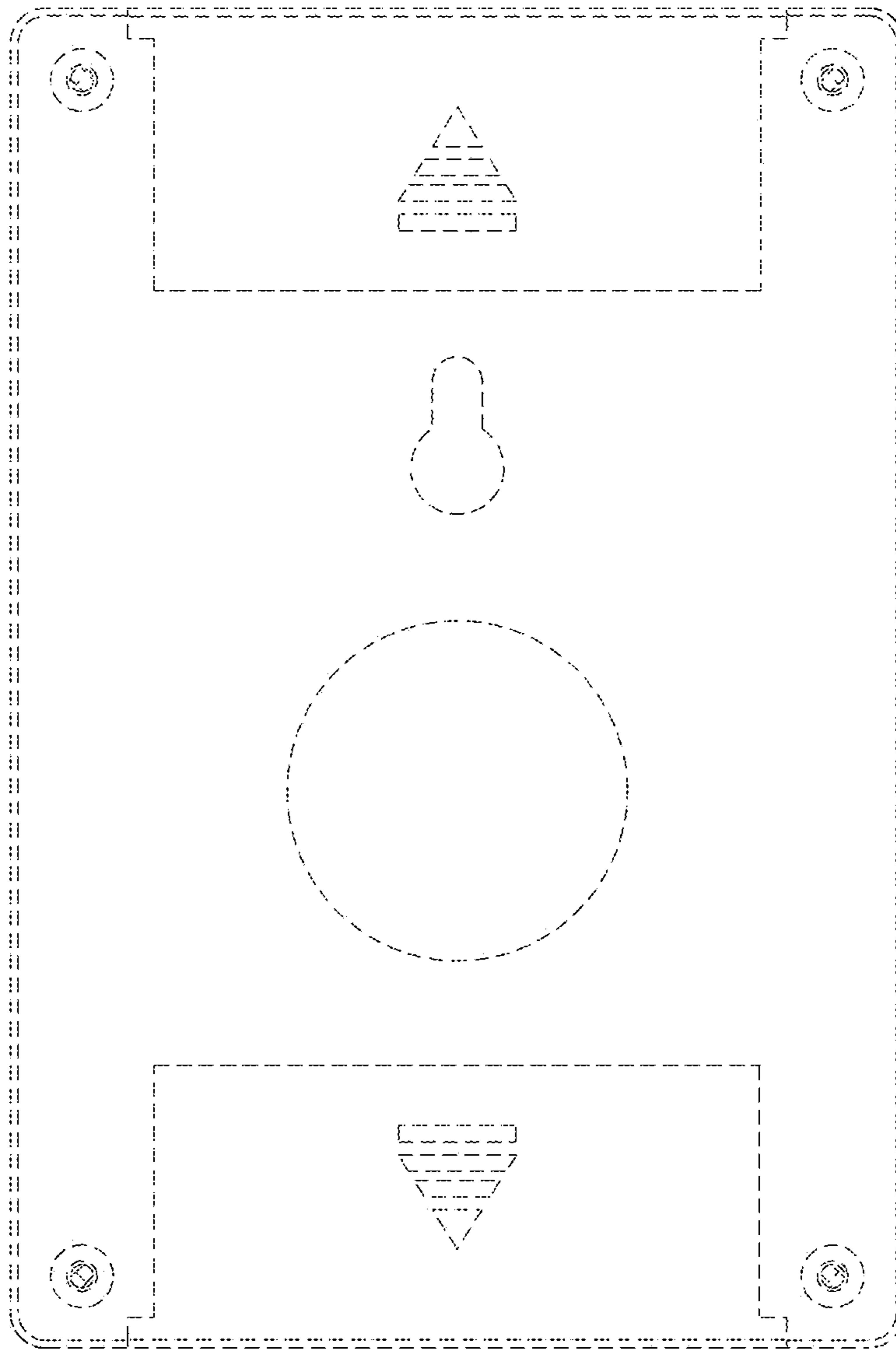


FIG. 7

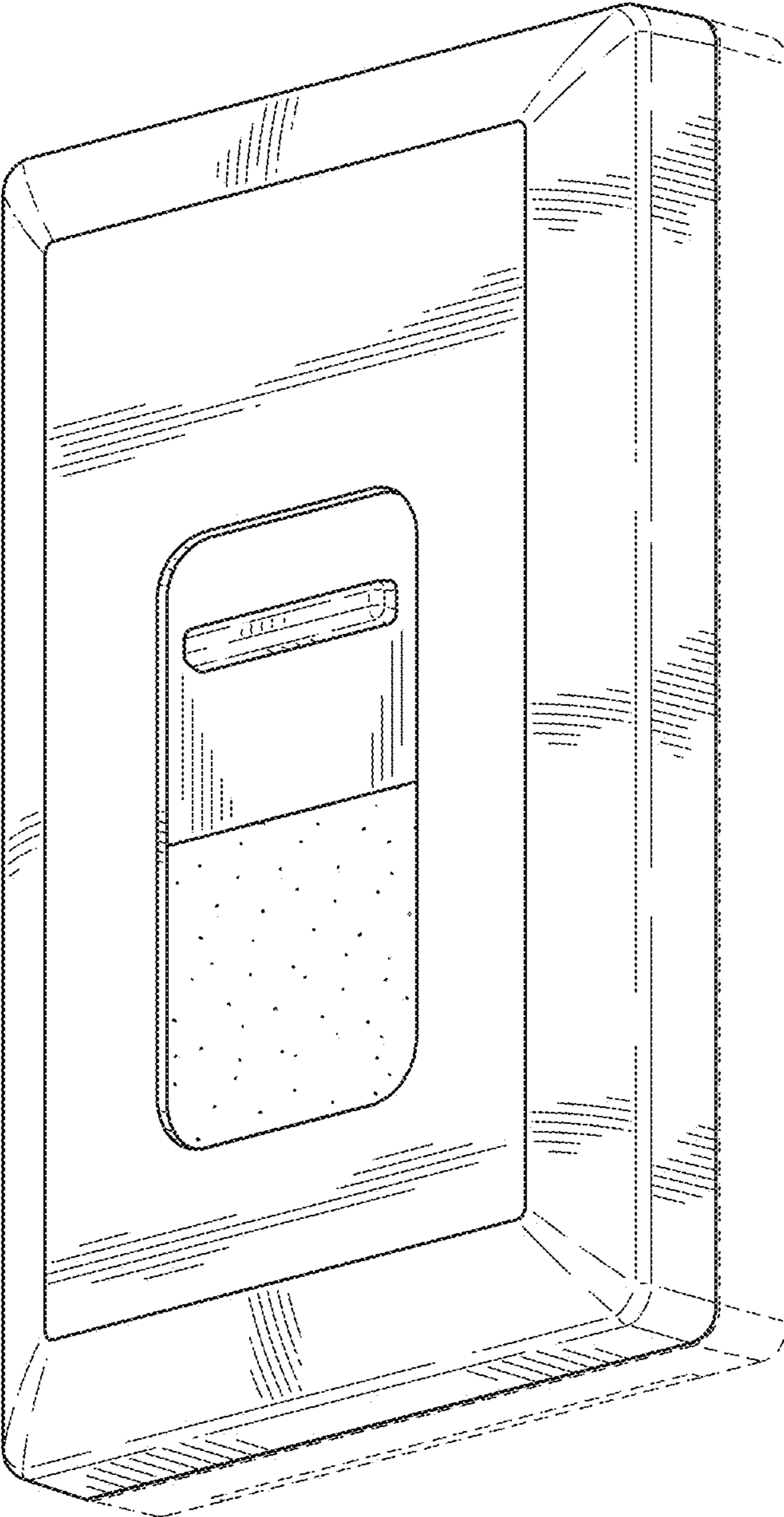


FIG. 8

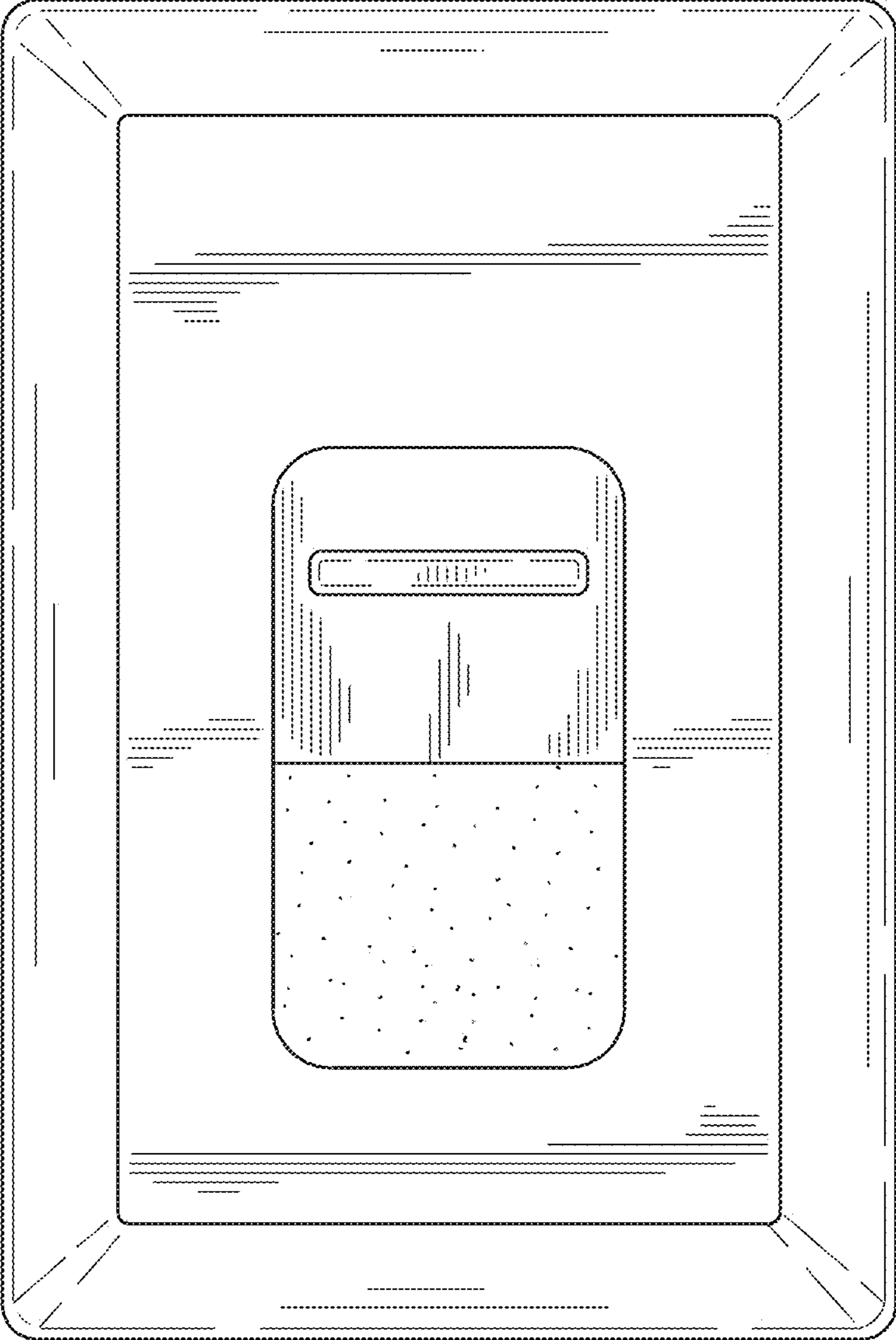


FIG. 9

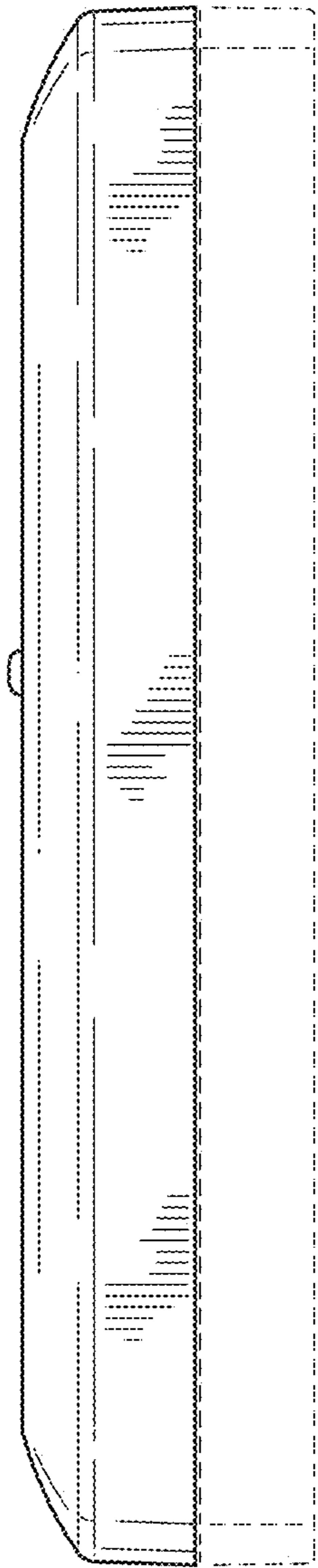


FIG. 10

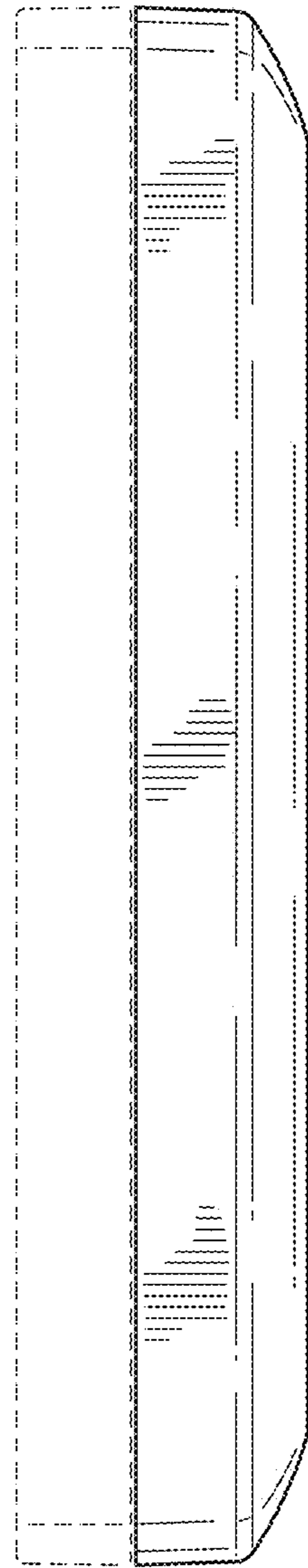


FIG. 11