



US00D538234S

(12) **United States Design Patent** (10) **Patent No.:** **US D538,234 S**
Aupperle (45) **Date of Patent:** **** Mar. 13, 2007**

(54) **TRANSPARENT KEYPAD AND KEYPAD HOUSING**
(75) Inventor: **Donald P. Aupperle**, Seattle, WA (US)
(73) Assignee: **Colorado vNet, LLC**, Loveland, CO (US)
(**) Term: **14 Years**

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(51) **LOC (8) Cl.** **13-03**
(52) **U.S. Cl.** **D13/158**
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D13/164, 169, 170, 171; D10/108, 116, 118,
D10/40; D8/353; 200/5 A, 293, 296, 297,
200/329, 333, 335, 339, 341, 520, 530, 537,
200/552; 220/241; 307/125, 139; 315/291–296,
315/159; 340/540, 541, 567
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D327,471 S	*	6/1992	Frick	.....	D13/158
5,128,654 A	*	7/1992	Griffin et al.	.....	340/567
D343,386 S	*	1/1994	Mueller	.....	D13/158
D376,130 S	*	12/1996	Elwell et al.	.....	D13/158
D377,789 S		2/1997	Wang et al.		
D380,202 S		6/1997	Matthes		
D380,452 S	*	7/1997	Mix et al.	.....	D13/171
D380,737 S		7/1997	Weir et al.		
D390,211 S		2/1998	Yates et al.		

(Continued)

OTHER PUBLICATIONS

“RCS: KPG8 Multi Menu Keypad and KPL-7 7-Button Keypad,” (2002), 2 pages, Residential Control Systems, Inc., Rancho Cordova, CA.
www.merten.de/html/en/1163.html; 2 pages printed from the Internet on Oct. 29, 2004 (re-printed on Aug. 24, 2006).

www.matsci.com/content.html; 1 page printed from the Internet on Oct. 20, 2004 (re-printed on Aug. 24, 2006).
AMX, Welcome to the AMX New Products, www.amx.com/new-products-public.asp, 12 pages, copyright 2005 AMX Corporation.

Primary Examiner—Selina Sikder
(74) *Attorney, Agent, or Firm*—Trenner Law Firm, LLC

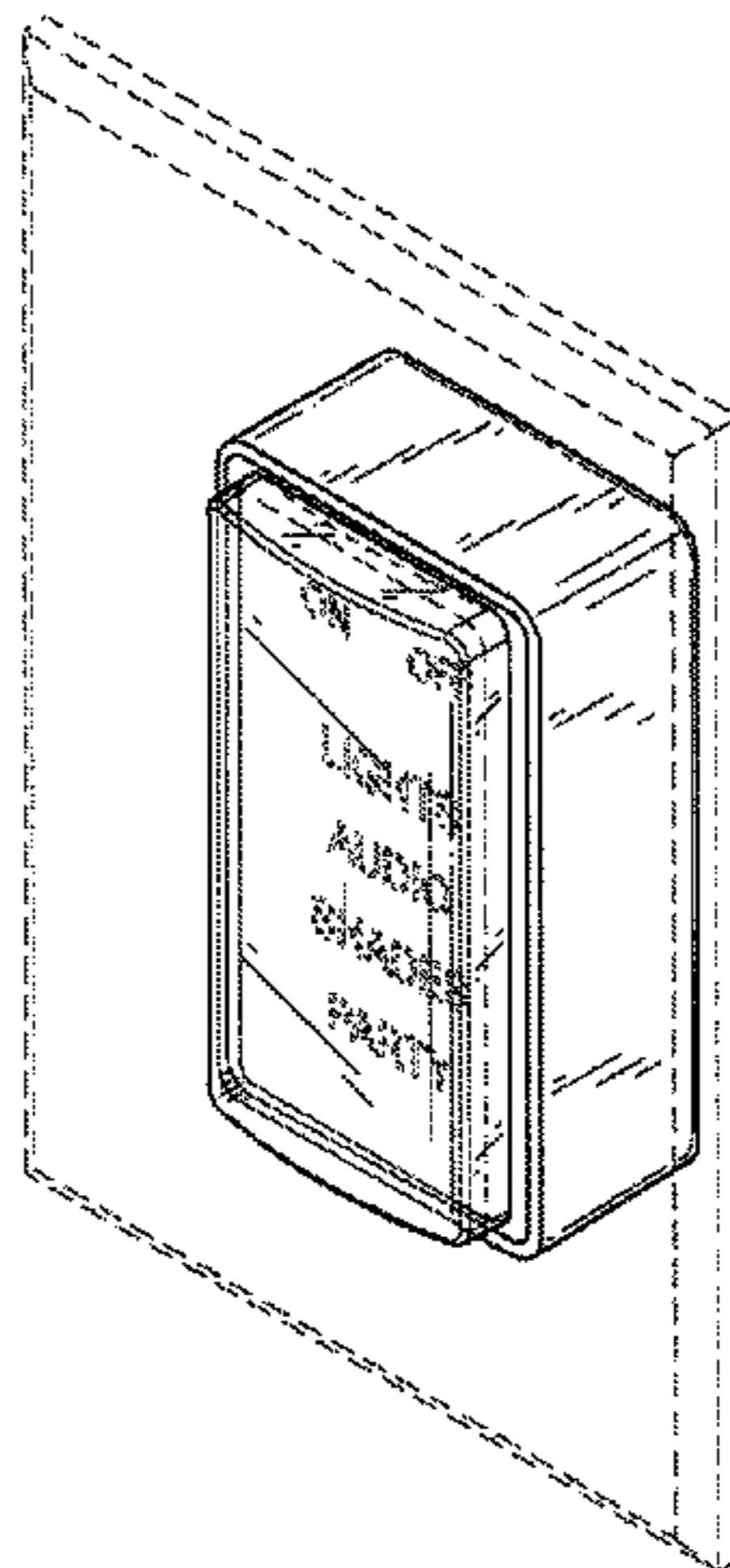
(57) **CLAIM**

The ornamental design for a transparent keypad and keypad housing, substantially as shown.

DESCRIPTION

FIG. 1 is a front perspective view of a first embodiment of a transparent keypad and keypad housing showing our new design;
FIG. 2 is a front view of the embodiment as shown in FIG. 1;
FIG. 3 is a back view of the embodiment shown in FIG. 1;
FIG. 4 is a right side view of the embodiment shown in FIG. 1;
FIG. 5 is a left side view of the embodiment shown in FIG. 1;
FIG. 6 is a top view of the embodiment shown in FIG. 1;
FIG. 7 is a bottom view of the embodiment shown in FIG. 1;
FIG. 8 is a front perspective view of a second embodiment of FIG. 1.
FIG. 9 is a front view of the embodiment as shown in FIG. 8;
FIG. 10 is a back view of the embodiment shown in FIG. 8;
FIG. 11 is a right side view of the embodiment shown in FIG. 8;
FIG. 12 is a left side view of the embodiment shown in FIG. 8;
FIG. 13 is a top view of the embodiment shown in FIG. 8; and,
FIG. 14 is a bottom view of the embodiment shown in FIG. 8.
The broken line showing of the environment is for illustrative purpose only and forms no part of the claimed design.

1 Claim, 8 Drawing Sheets



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U.S. PATENT DOCUMENTS

D392,947 S	3/1998	Lino	
5,739,753 A *	4/1998	Porter	340/555
D398,905 S	9/1998	Bergenham	
D409,505 S *	5/1999	Janda et al.	D10/40
D412,897 S	8/1999	Atwood et al.	
5,946,209 A *	8/1999	Eckel et al.	700/14
D422,971 S	4/2000	Leib	
6,121,889 A *	9/2000	Janda et al.	340/815.47
D435,798 S *	1/2001	Aiello et al.	D10/104
D455,406 S *	4/2002	Pinchuk	D13/165
D467,557 S *	12/2002	Eckel et al.	D13/162
D480,722 S	10/2003	Griffin	
D494,585 S	8/2004	Aupperle	
6,850,159 B1 *	2/2005	Mudge	340/541
D502,466 S	3/2005	Aupperle	
2002/0135476 A1 *	9/2002	McKinney et al.	340/540

* cited by examiner

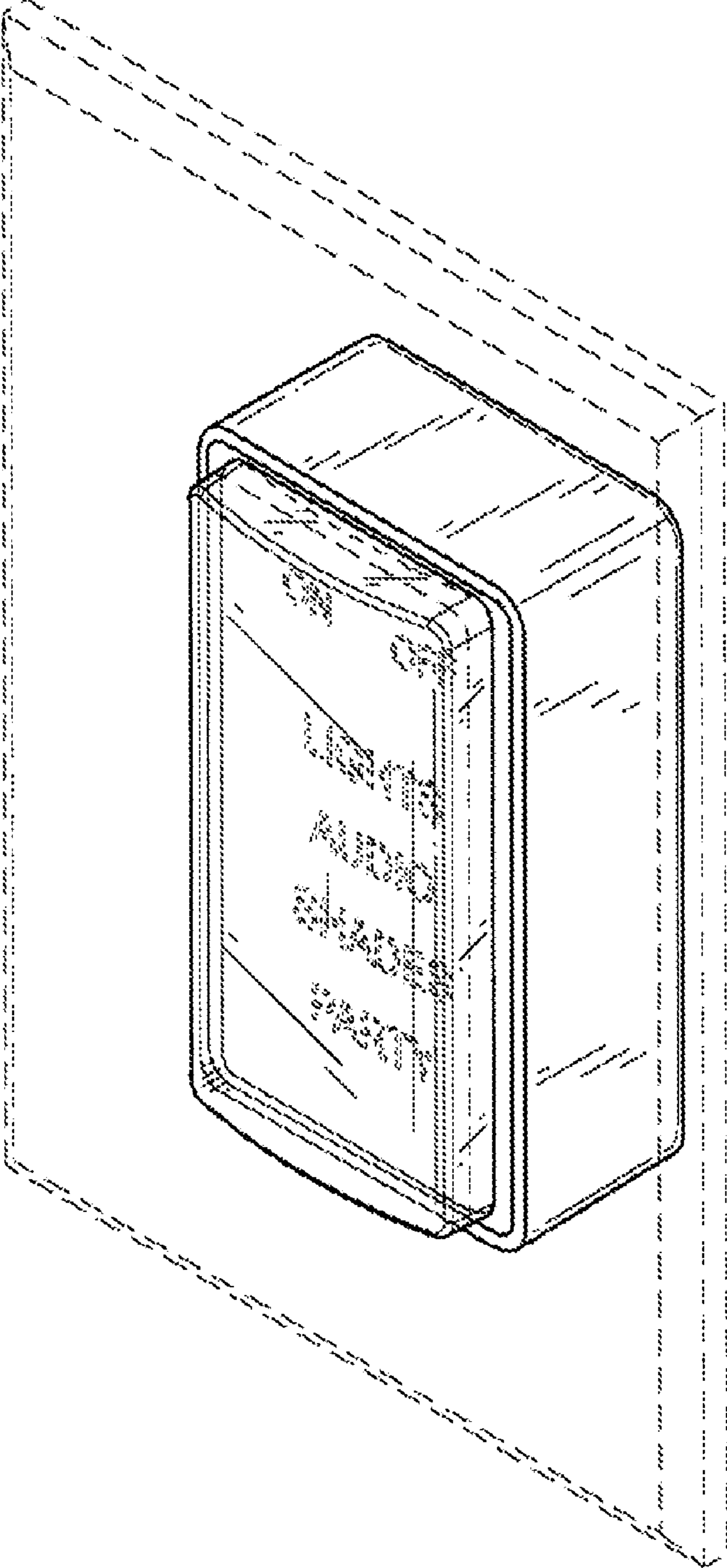


FIG.1

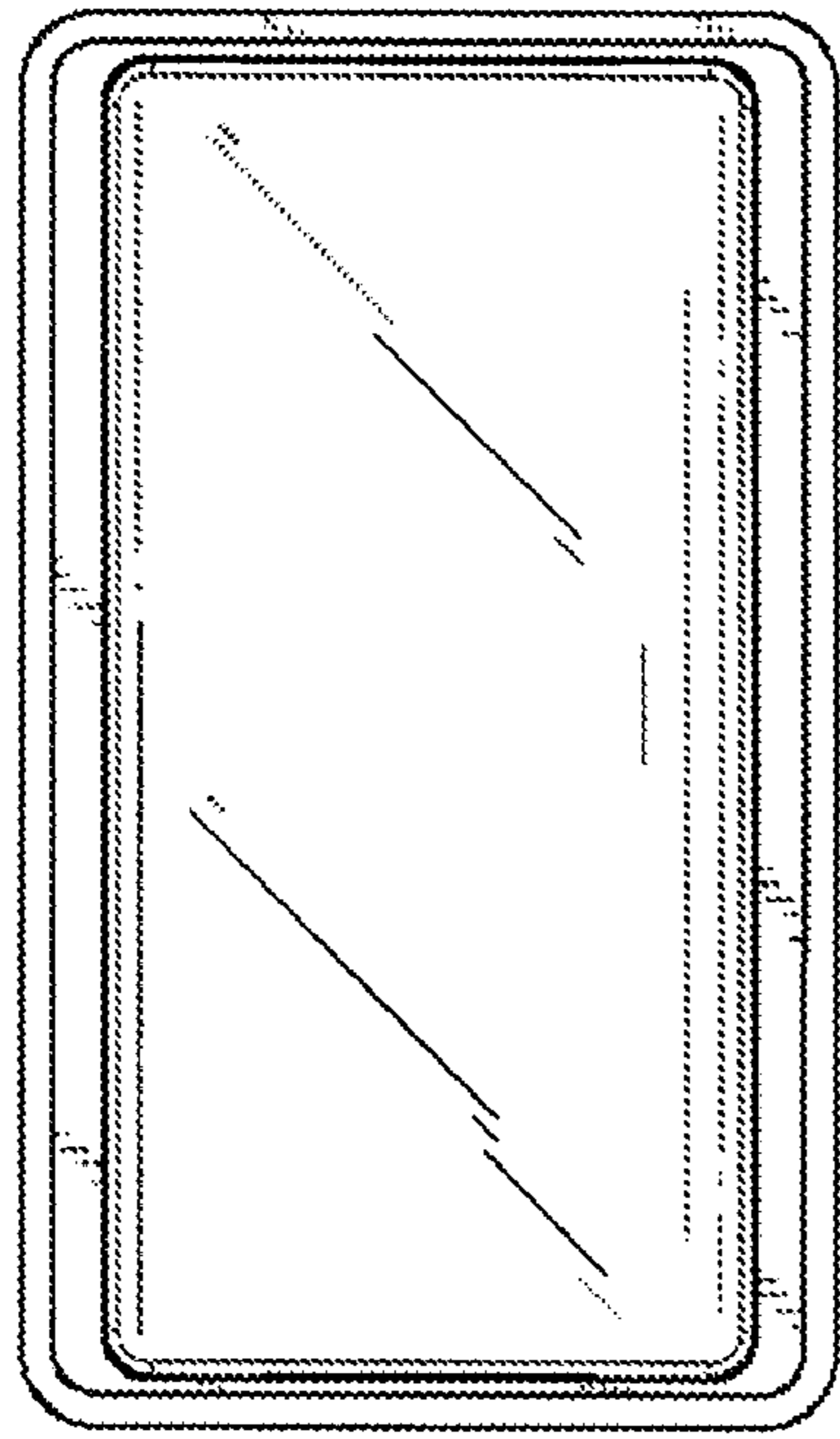


FIG.2

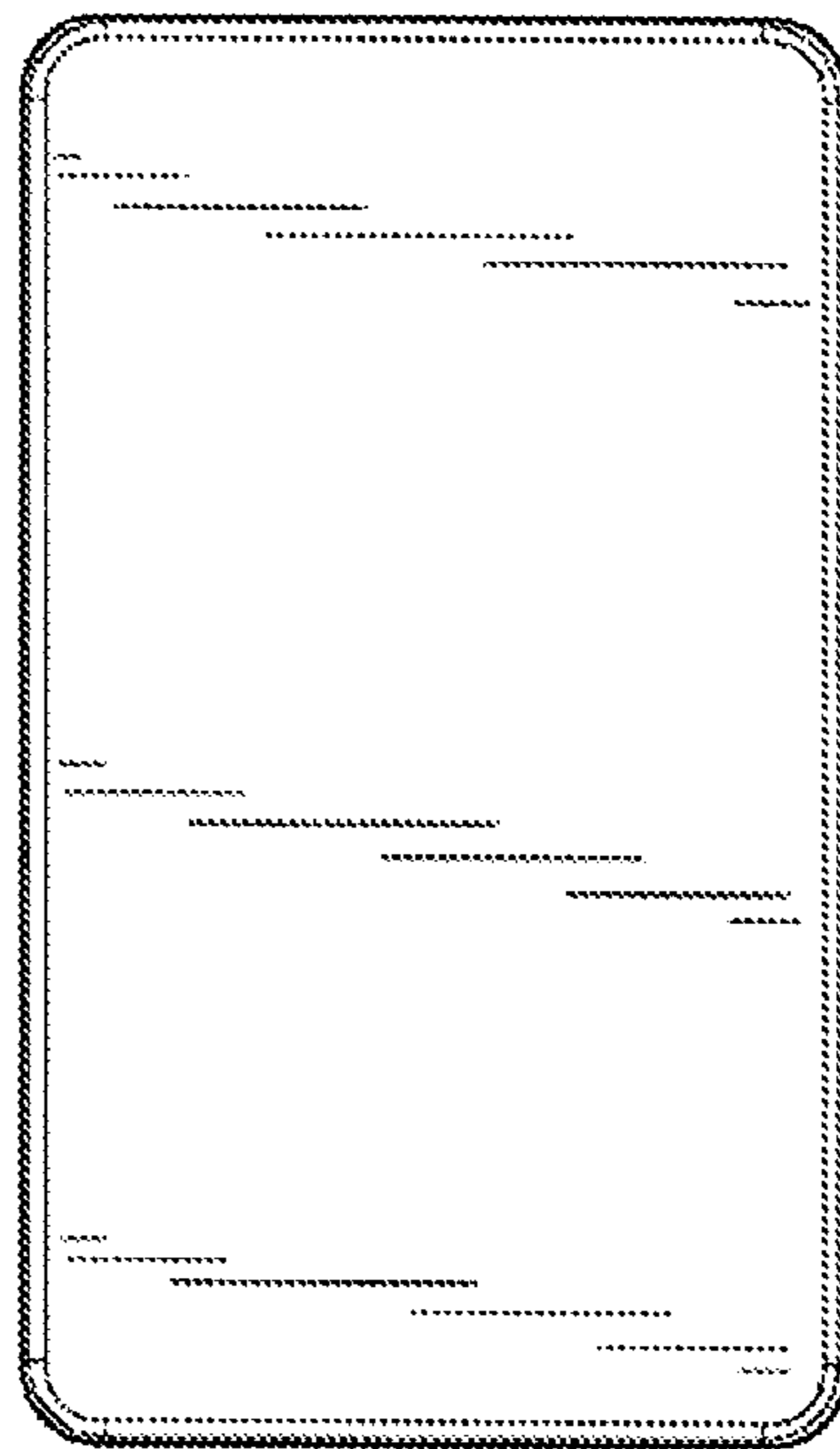


FIG.3

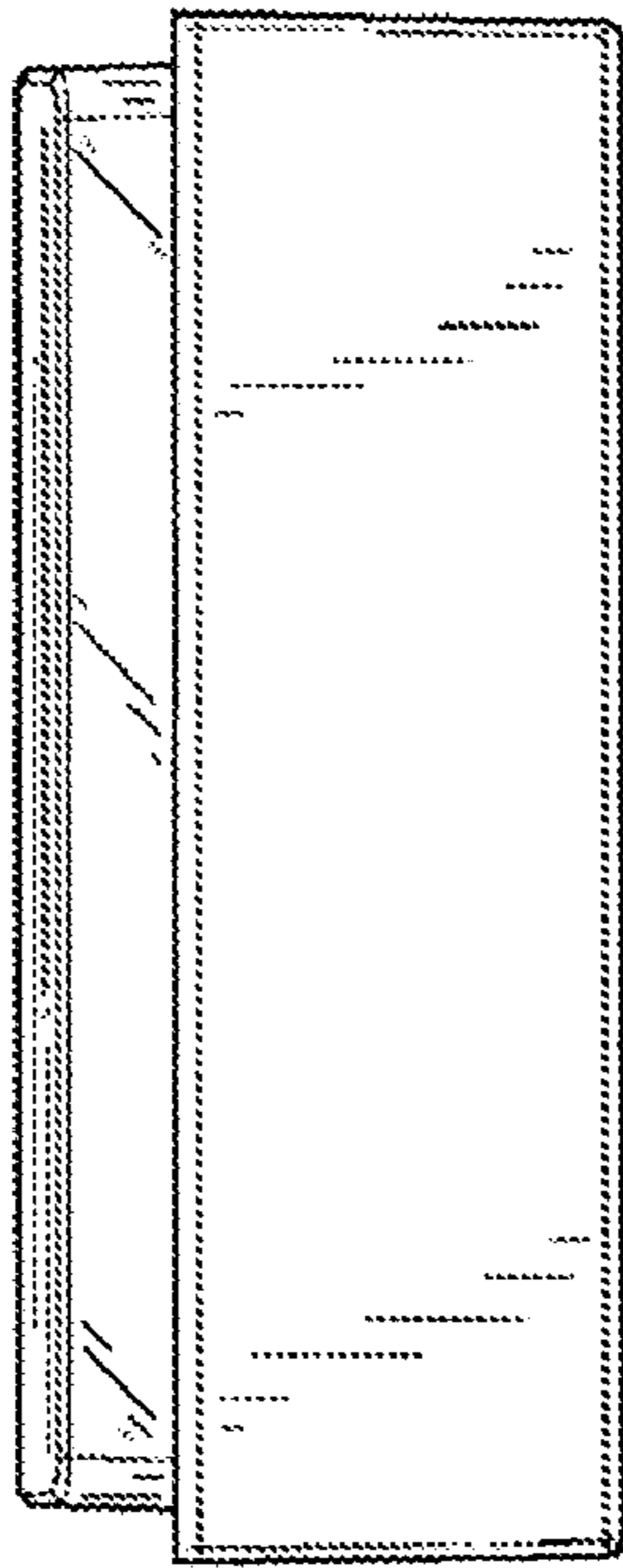


FIG.4

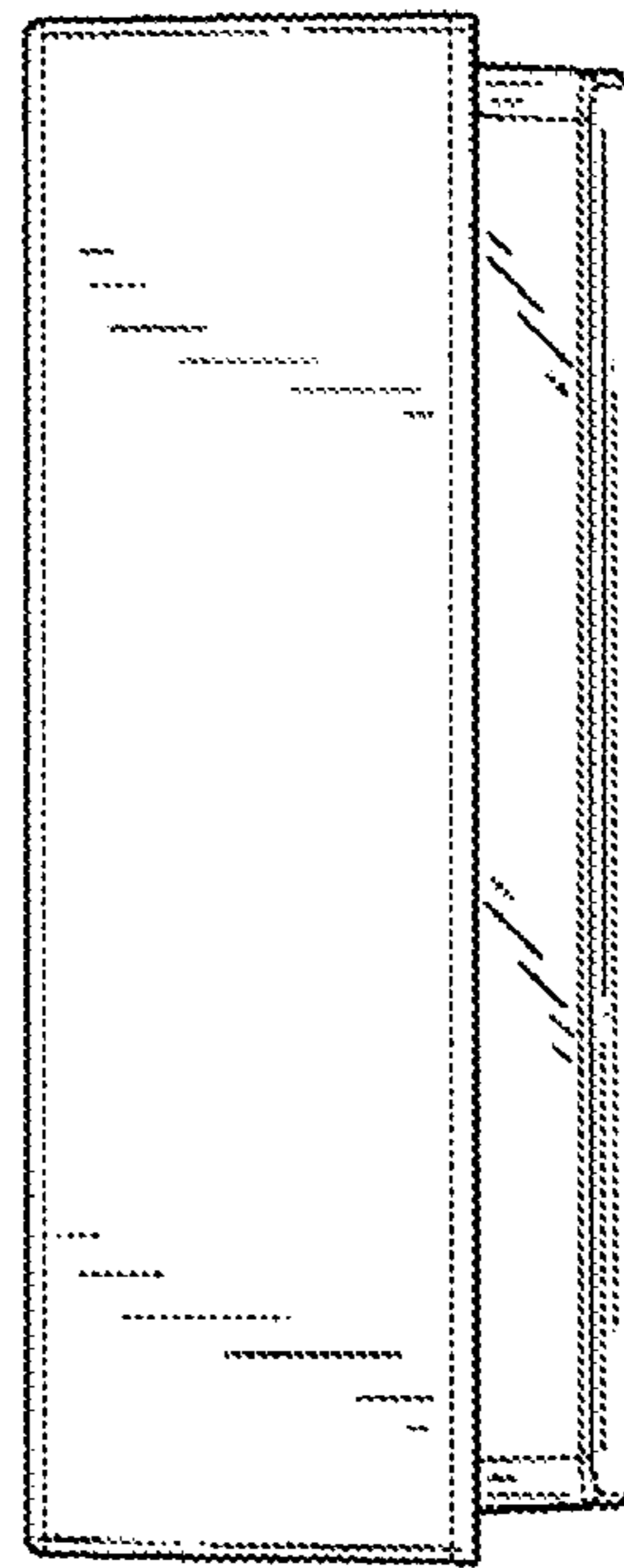


FIG.5

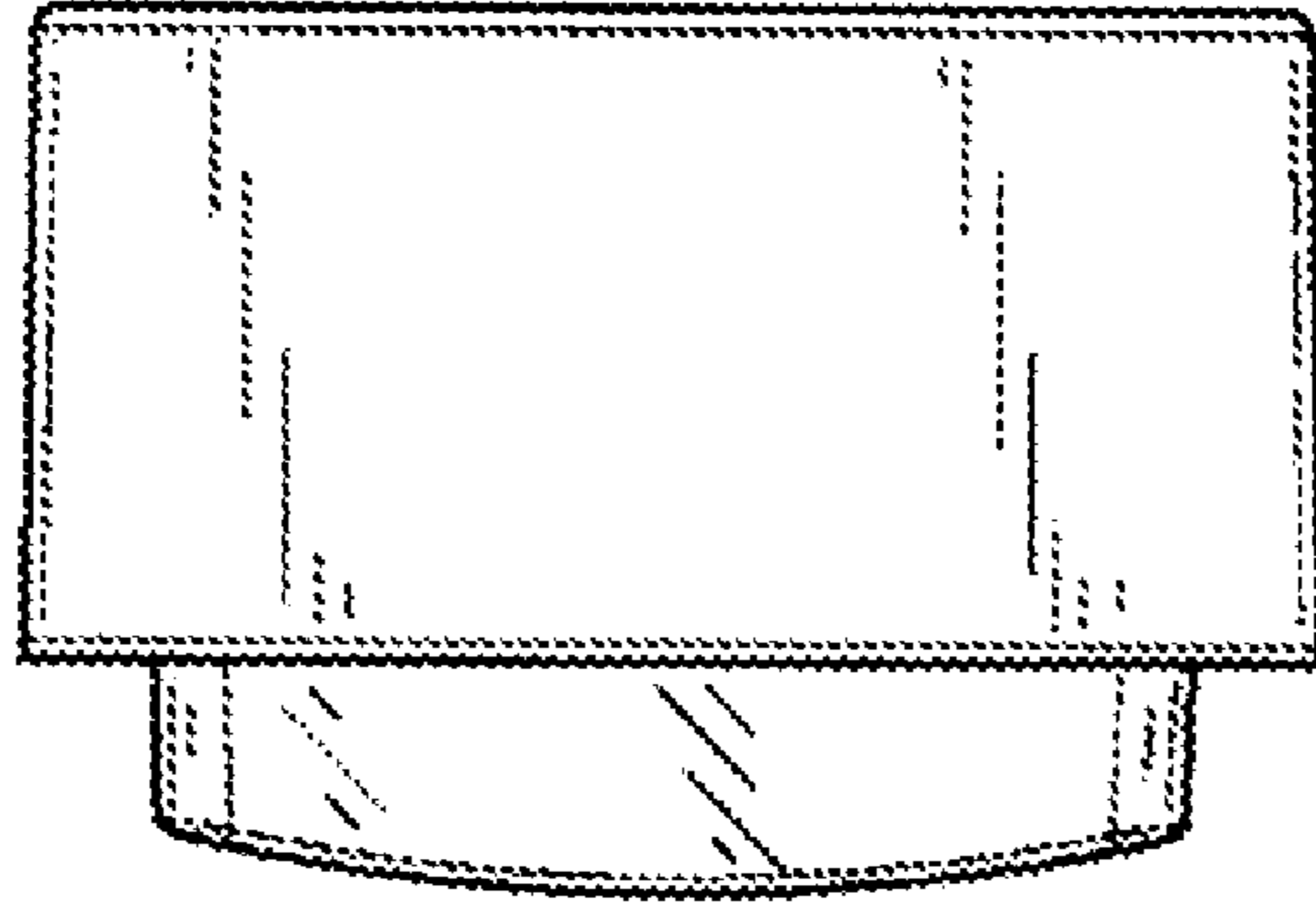


FIG. 6

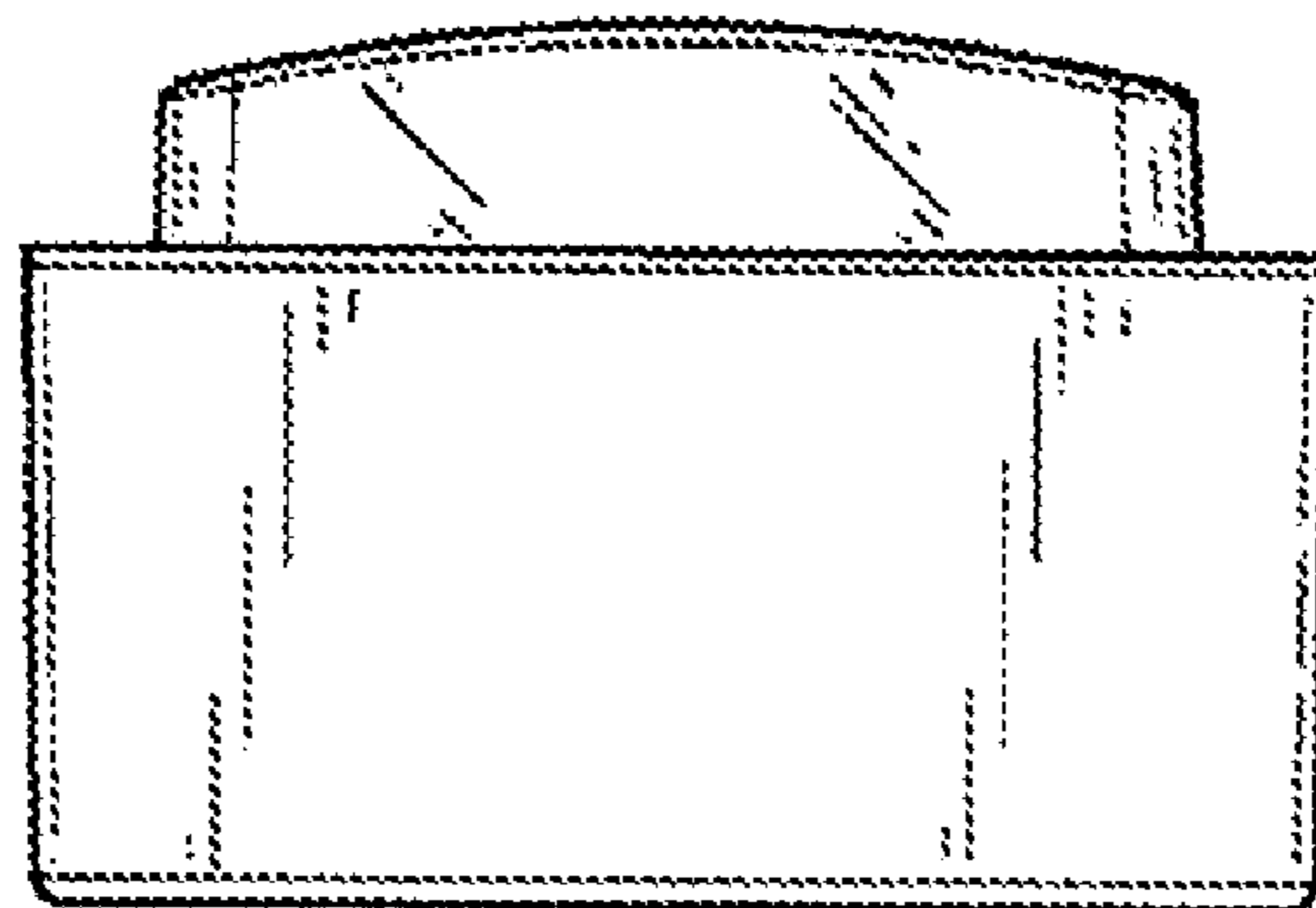


FIG. 7

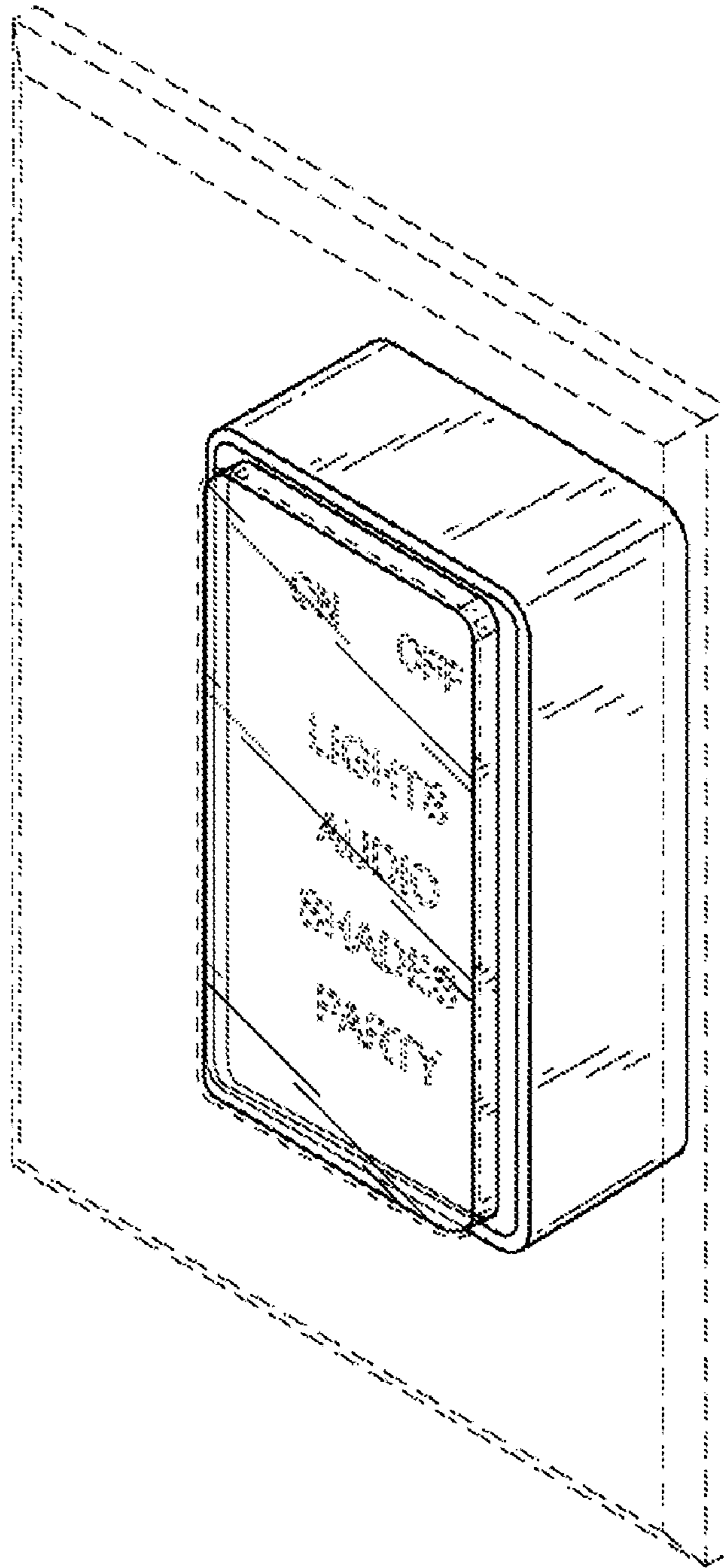


FIG.8

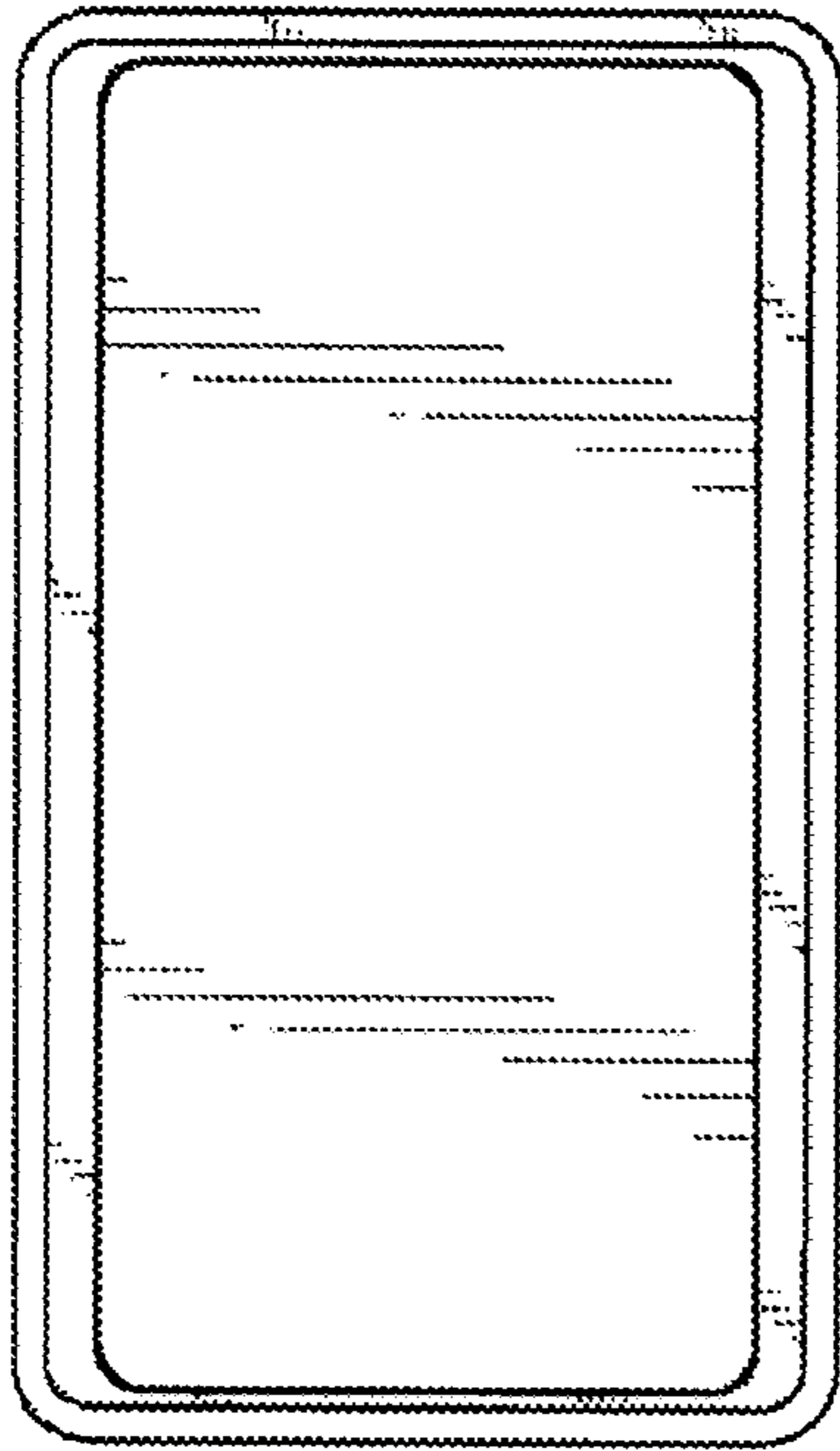


FIG. 9

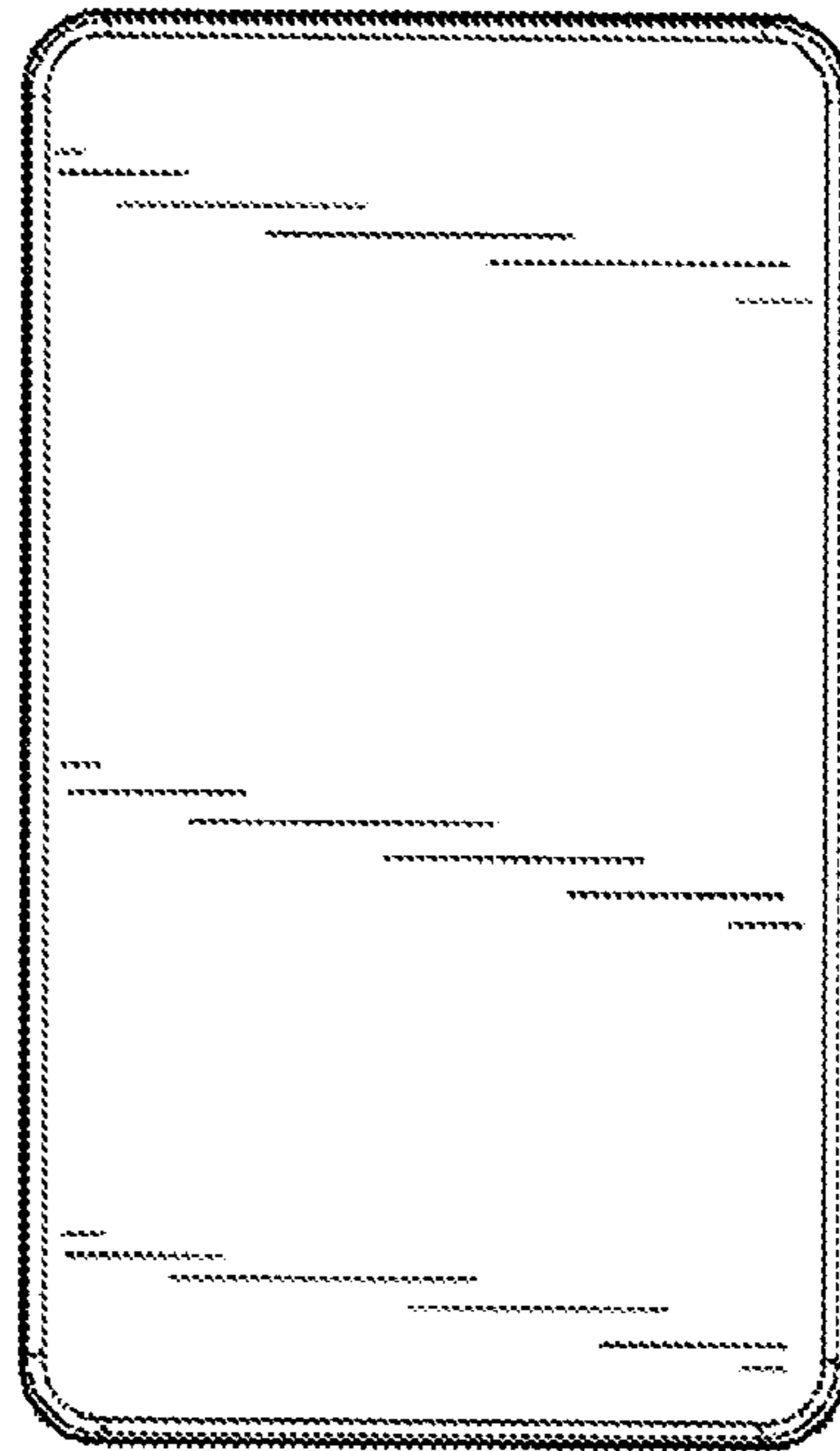


FIG. 10

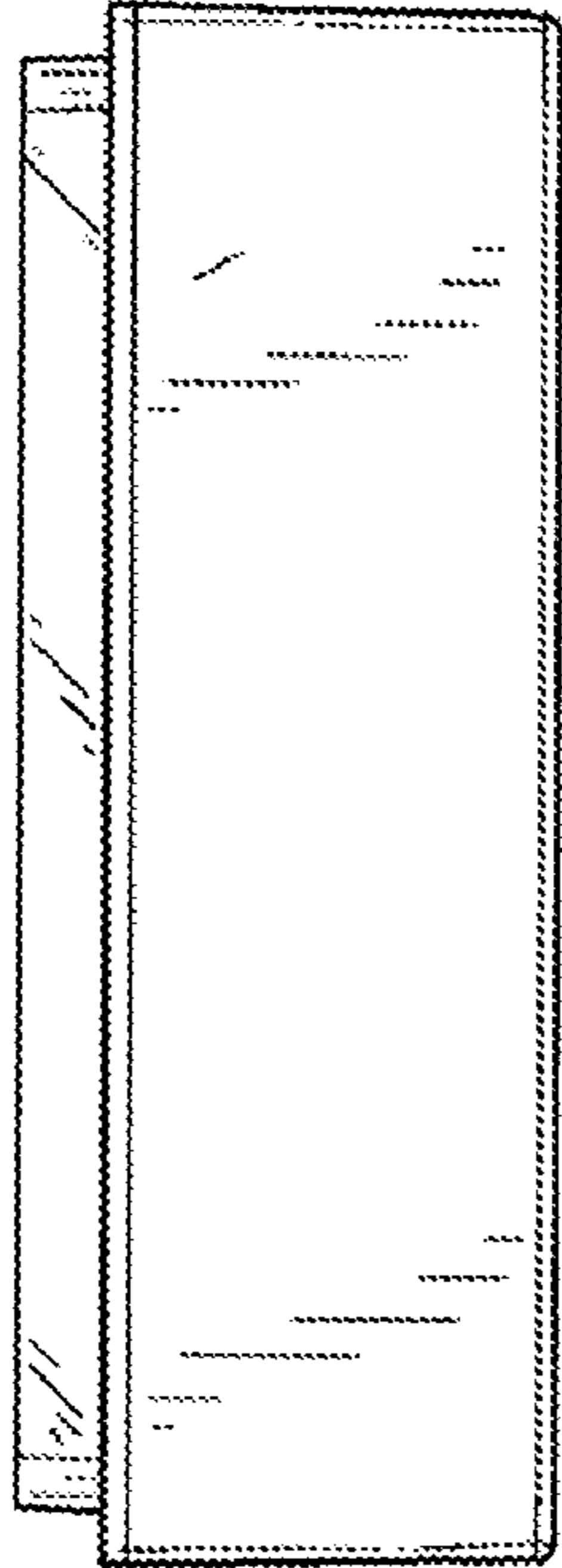


FIG. 11

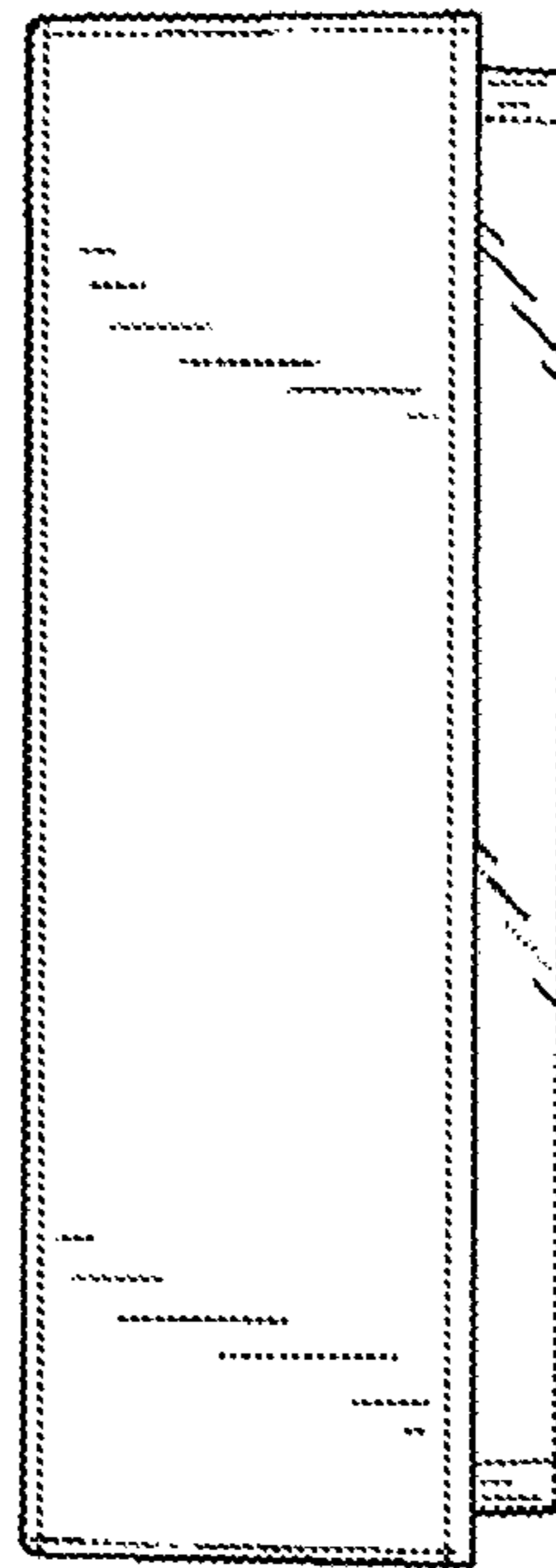


FIG. 12

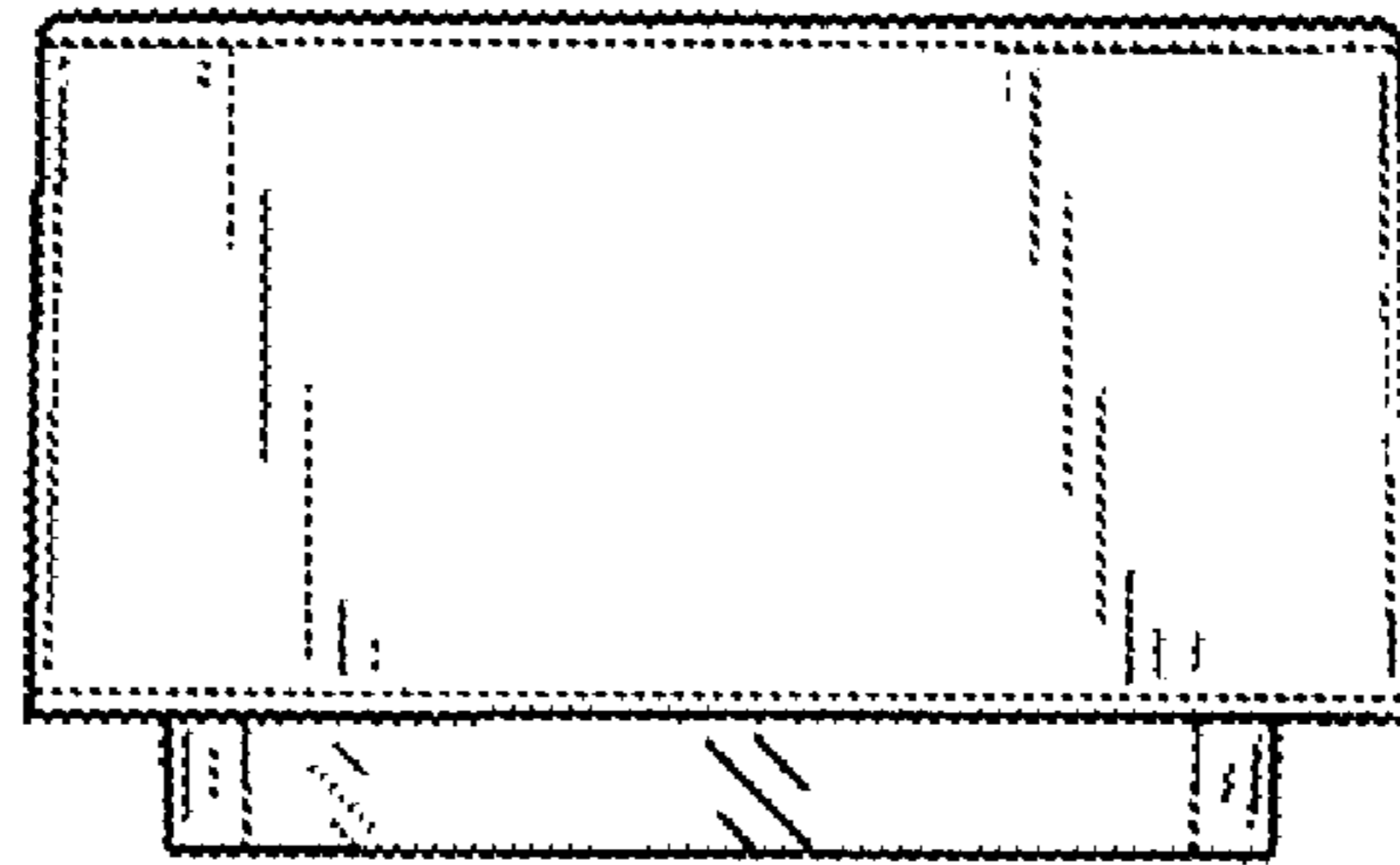


FIG.13

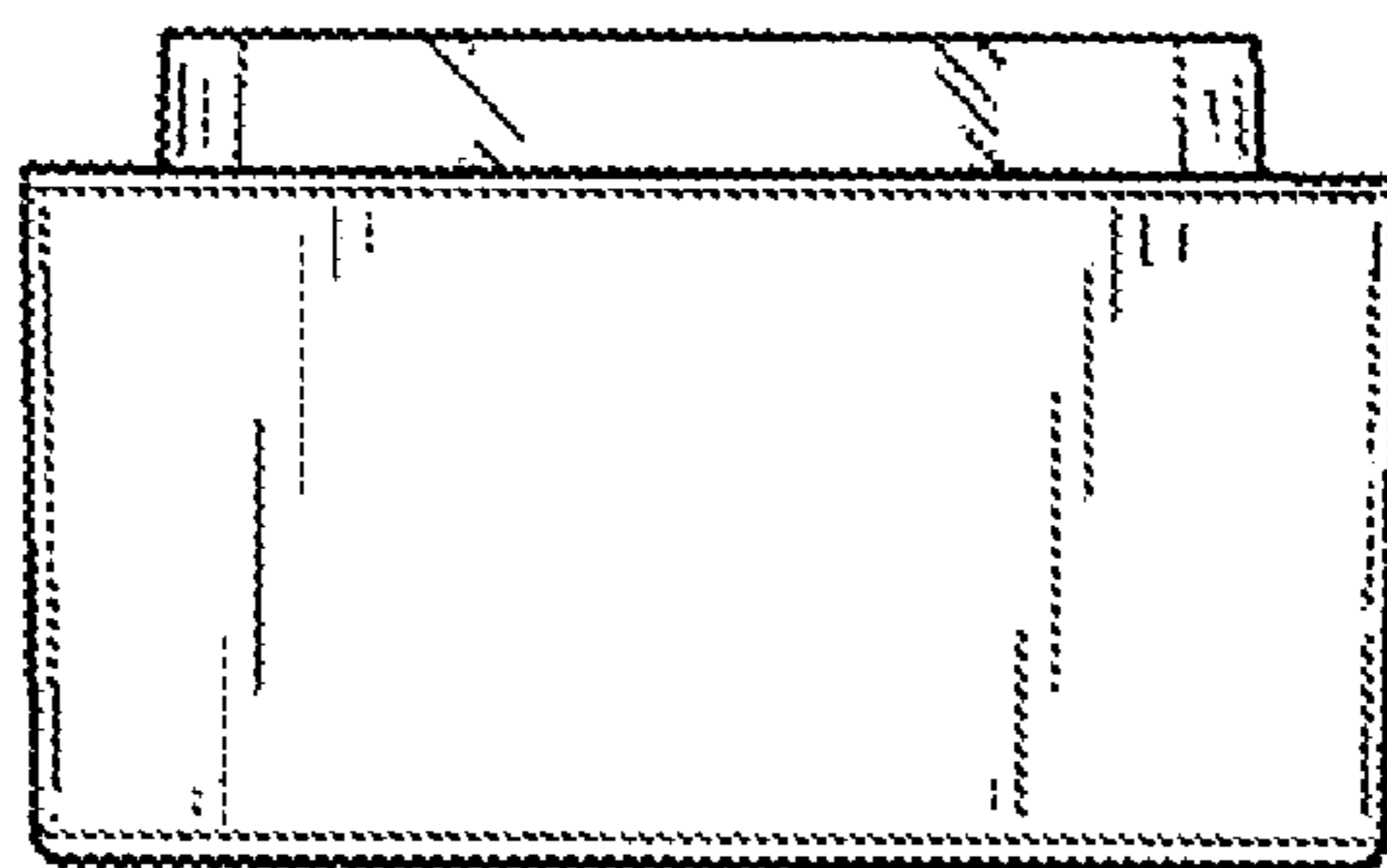


FIG.14