

US00D970100S

(12)

United States Design Patent
Griscik et al.

(10)

Patent No.: US D970,100 S

(45)

Date of Patent: ** *Nov. 15, 2022

(54) **AEROSOL-GENERATING CAPSULE**

(71) Applicant: **Altria Client Services LLC**,
Richmond, VA (US)

(72) Inventors: **Gregory Griscik**, Midlothian, VA (US);
Carl Kite, Midlothian, VA (US); **Thien
Nguyen**, Glen Allen, VA (US); **David
Alvarez**, Richmond, VA (US); **Terrance
Bache**, Richmond, VA (US); **Zack W.
Blackmon**, Williamsburg, VA (US);
Patrick Good, Richmond, VA (US);
Raymond W. Lau, Richmond, VA
(US); **Eric Hawes**, Midlothian, VA
(US); **Cristian Popa**, Hertfordshire
(GB)

(73) Assignee: **Altria Client Services LLC**,
Richmond, VA (US)

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

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

(21) Appl. No.: **29/768,742**

(22) Filed: **Feb. 1, 2021**

Related U.S. Application Data

(63) Continuation of application No. 29/696,088, filed on
Jun. 25, 2019, now Pat. No. Des. 916,361.

(51) **LOC (13) Cl.** **27-02**

(52) **U.S. Cl.**
USPC **D27/162**

(58) **Field of Classification Search**
USPC D27/162, 100, 101, 163–165, 172,
D27/174–176, 183, 185–194; D24/110,
D24/110.5; D23/366

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

855,984 A 6/1907 Russell
1,071,389 A 8/1913 Blosser

(Continued)

FOREIGN PATENT DOCUMENTS

CN 203986136 U 12/2014
EP 0525720 A1 2/1993

(Continued)

OTHER PUBLICATIONS

German Office Action dated Feb. 7, 2020 for corresponding German
Application No. 402019101414.4.

Primary Examiner — Rebecca Tsehaye

(74) *Attorney, Agent, or Firm* — Harness, Dickey &
Pierce, P.L.C.

(57) **CLAIM**

The ornamental design for an aerosol-generating capsule, as
shown and described.

DESCRIPTION

FIG. 1 is a first top perspective view of an aerosol-gener-
ating capsule showing our new design.

FIG. 2 is a second top perspective view of the aerosol-
generating capsule of FIG. 1.

FIG. 3 is a first bottom perspective view of the aerosol-
generating capsule of FIG. 1.

FIG. 4 is a second bottom perspective view of the aerosol-
generating capsule of FIG. 1.

FIG. 5 is a top plan view of the aerosol-generating capsule
of FIG. 1.

FIG. 6 is a bottom plan view of the aerosol-generating
capsule of FIG. 1.

FIG. 7 is a first side view of the aerosol-generating capsule
of FIG. 1.

FIG. 8 is a second side view of the aerosol-generating
capsule of FIG. 1.

(Continued)

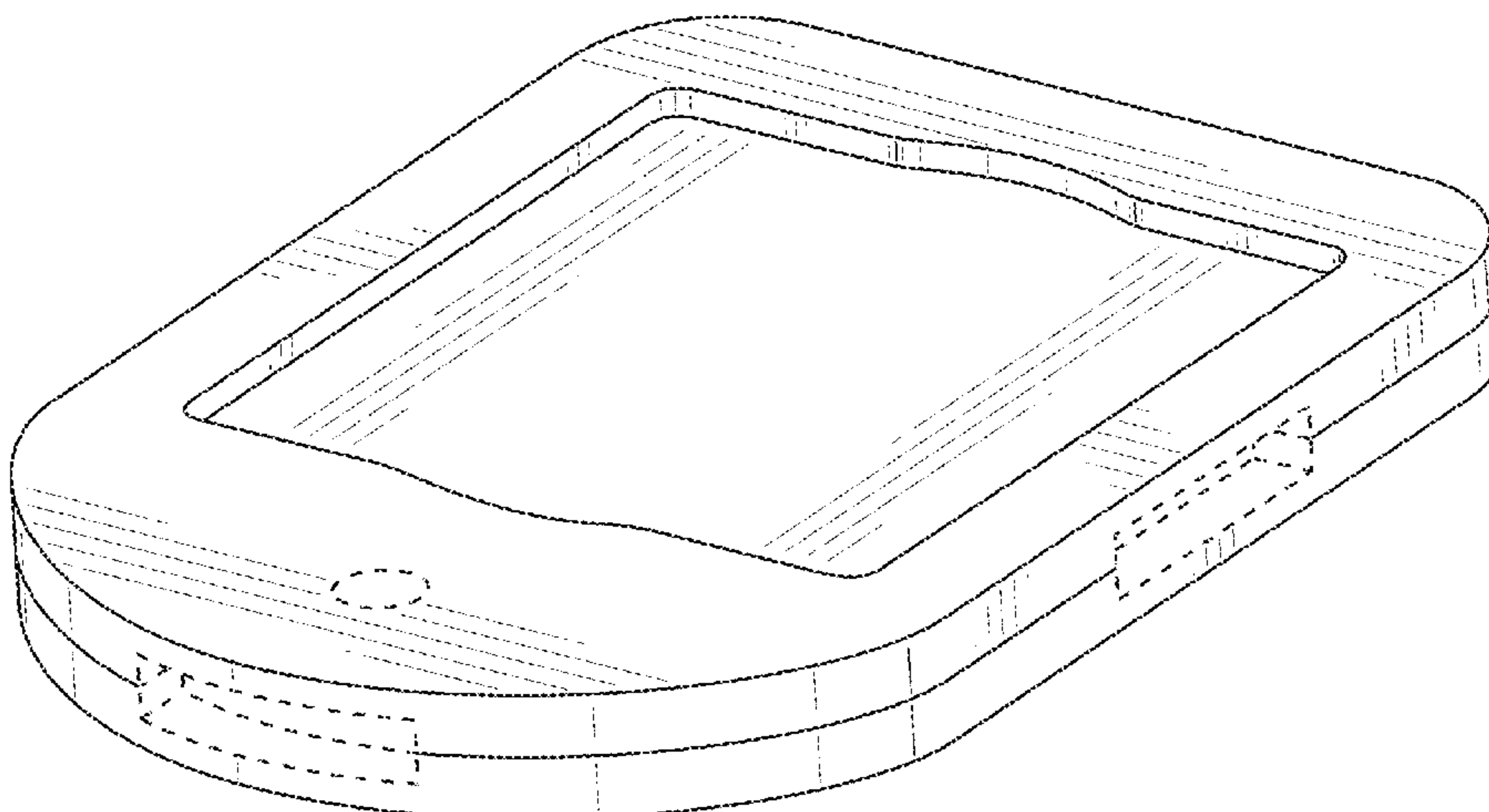


FIG. 9 is a proximal end view of the aerosol-generating capsule of FIG. 1; and,

FIG. 10 is a distal end view of the aerosol-generating capsule of FIG. 1.

The broken lines in the drawings depict portions of the aerosol-generating capsule that form no part of the claimed design.

1 Claim, 10 Drawing Sheets

(58) Field of Classification Search

CPC A24F 47/002; A24F 47/006; A24F 47/008;
A61M 15/00; A61M 15/06

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

1,934,887	A	11/1933	Robinson	
4,214,146	A	7/1980	Schimanski	
4,564,748	A	1/1986	Gupton	
4,947,874	A	8/1990	Brooks et al.	
5,388,572	A	2/1995	Mulhauser et al.	
5,388,573	A	2/1995	Mulhauser et al.	
5,441,060	A	8/1995	Rose et al.	
5,460,173	A	10/1995	Mulhauser et al.	
5,619,984	A	4/1997	Hodson et al.	
5,645,050	A	7/1997	Zierenberg et al.	
5,823,182	A	10/1998	Van Oort	
6,006,747	A	12/1999	Eisele et al.	
6,065,472	A	5/2000	Anderson et al.	
6,095,153	A	8/2000	Kessler et al.	
6,481,437	B1	11/2002	Pate	
7,186,958	B1	3/2007	Nelson	
D549,117	S	8/2007	Snider	
D600,855	S	9/2009	Krohn	
D609,855	S	2/2010	Patel et al.	
7,997,280	B2	8/2011	Rosenthal	
D649,236	S	11/2011	Bilko et al.	
D649,284	S	11/2011	Patel et al.	
D662,579	S	6/2012	Blanking et al.	
D675,516	S	2/2013	Horton et al.	
8,488,952	B2	7/2013	Landry	
D693,963	S	11/2013	Akopyan	
8,714,150	B2	5/2014	Alelov	
8,910,630	B2	12/2014	Todd	
D737,419	S *	8/2015	Emarlou	D23/360
D846,798	S	4/2019	Chen	
D852,408	S	6/2019	Nettenstrom et al.	

D858,745	S *	9/2019	Kurgan	D24/110
D863,673	S *	10/2019	Lai	D27/162
D870,961	S	12/2019	Levinson	
D874,718	S *	2/2020	Qiu	D27/162
D887,631	S *	6/2020	Lai	D27/162
D916,361	S *	4/2021	Griscik	D27/162
D921,282	S *	6/2021	Yan	D27/162
D950,842	S *	5/2022	Yan	D27/162
2005/0103336	A1 *	5/2005	Nishibayashi	A61M 15/0075 128/203.11

2008/0073558	A1	3/2008	Howell et al.	
2009/0166230	A1	7/2009	Henry et al.	
2010/0012118	A1	1/2010	Storz	
2010/0059070	A1	3/2010	Potter et al.	
2010/0163042	A1 *	7/2010	Bhowmick	A61M 11/001 128/203.15

2010/0313901	A1	12/2010	Fernando et al.	
2011/0126848	A1	6/2011	Zuber et al.	
2011/0192399	A1	8/2011	Wilke et al.	
2012/0304990	A1	12/2012	Todd	
2013/0233309	A1	9/2013	Todd	
2013/0233312	A1	9/2013	Cohn	
2013/0255702	A1	10/2013	Griffith, Jr. et al.	
2013/0276799	A1	10/2013	Davidson et al.	
2014/0060554	A1	3/2014	Collett et al.	
2014/0299141	A1	10/2014	Flick	
2014/0321837	A1	10/2014	Flick	
2014/0366609	A1	12/2014	Beck et al.	
2016/0021932	A1	1/2016	Silverstrini et al.	
2016/0057811	A1	2/2016	Alarcon et al.	
2016/0331913	A1	11/2016	Bourque	
2016/0367767	A1 *	12/2016	Cashman	A61M 11/005
2017/0071251	A1	3/2017	Goch	
2017/0196262	A1	7/2017	Brereton et al.	
2021/0392951	A1 *	12/2021	Blackmon	A24F 40/46

FOREIGN PATENT DOCUMENTS

EP	1007124	A1	6/2000
EP	1029451	A1	8/2000
EP	1385595	A2	2/2004
EP	1504768	A1	2/2005
WO	WO-2003/037306	A2	5/2003
WO	WO-2015/116934	A1	8/2015
WO	WO-2016/001921	A2	1/2016
WO	WO-2016/001922	A1	1/2016
WO	WO-2016/001923	A2	1/2016
WO	WO-2016/001924	A2	1/2016
WO	WO-2016/001925	A1	1/2016
WO	WO-2016/001926	A1	1/2016
WO	WO-2016/026219	A1	2/2016

* cited by examiner

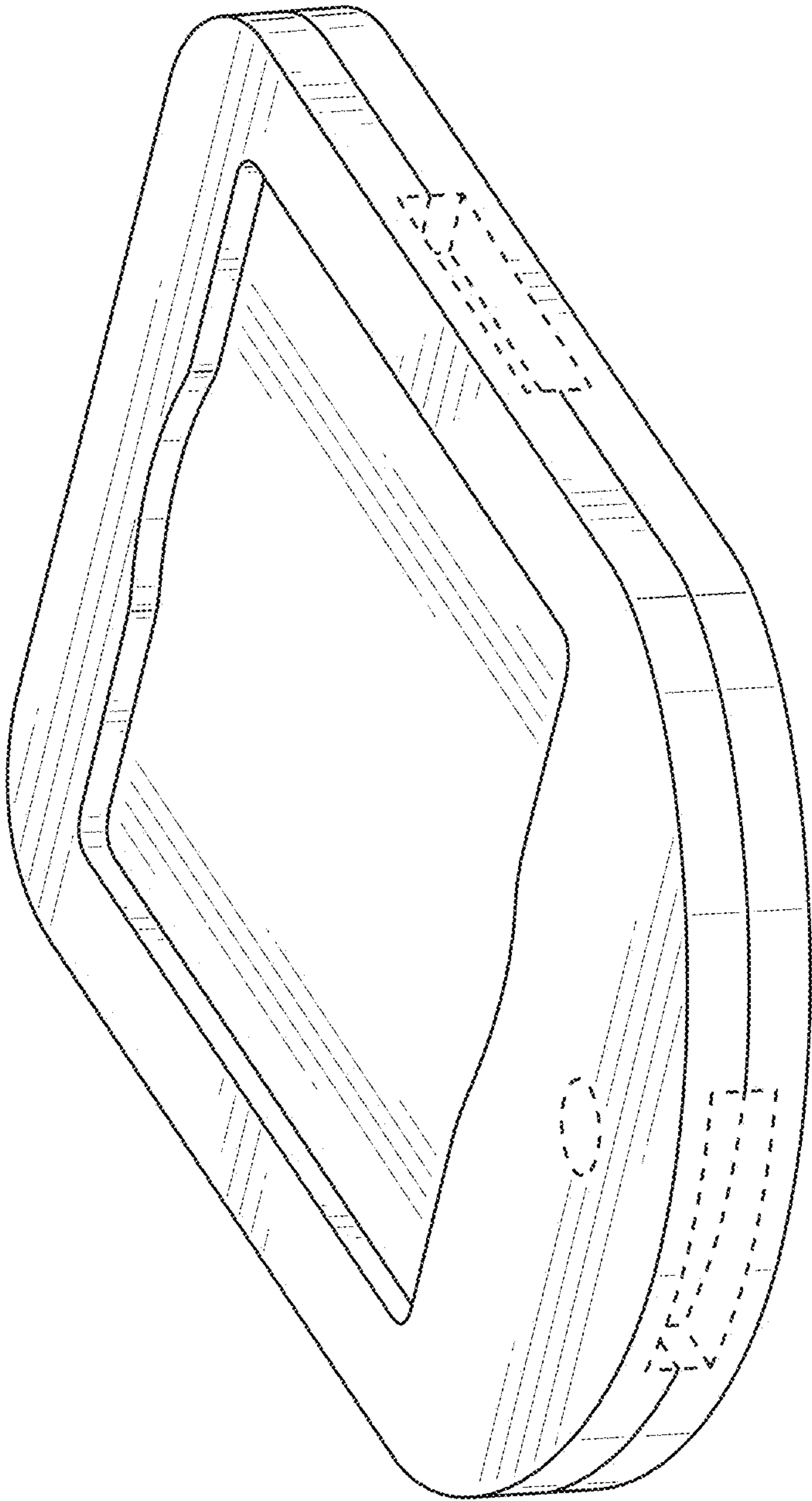


FIG. 1

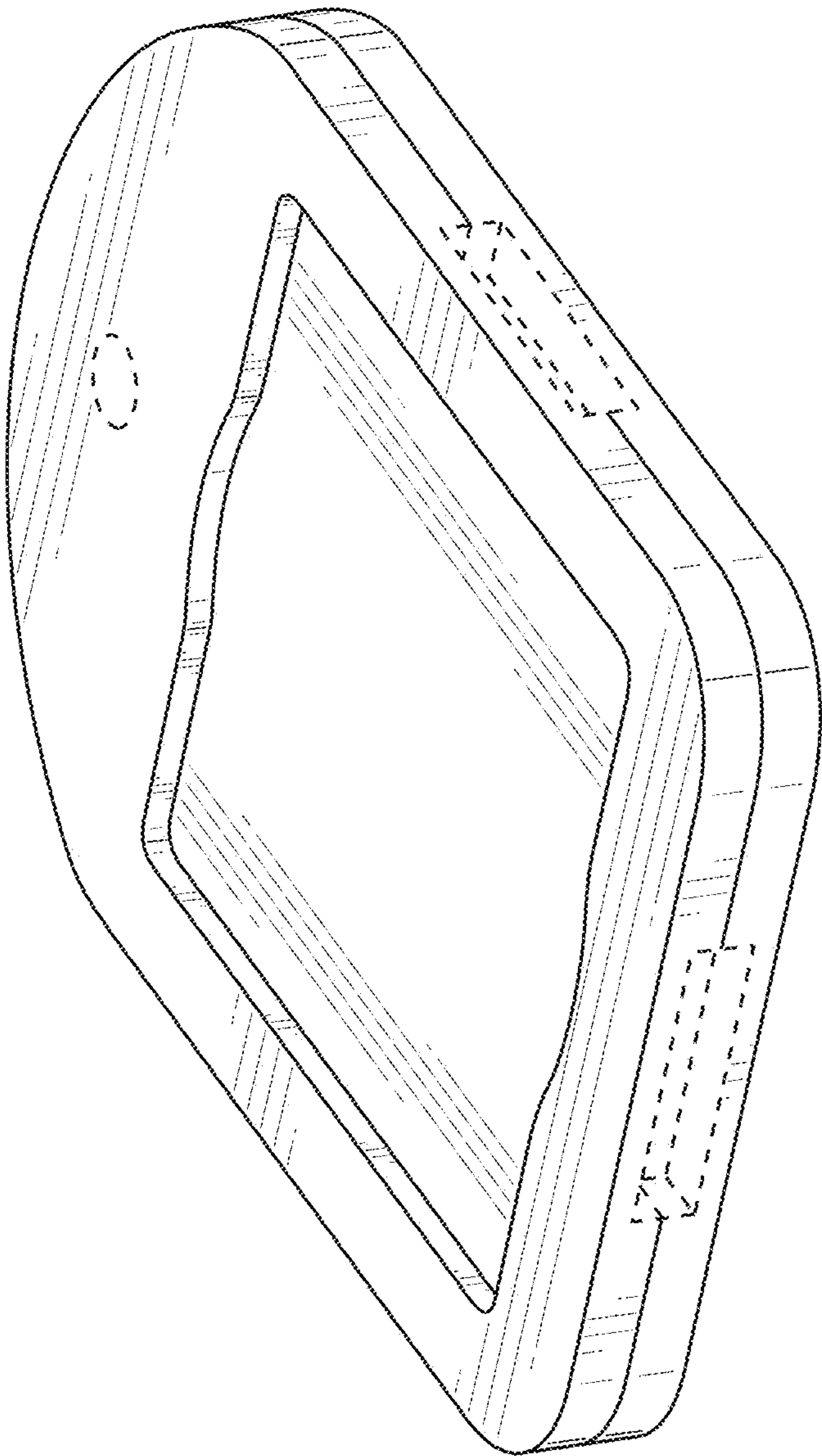


FIG. 2

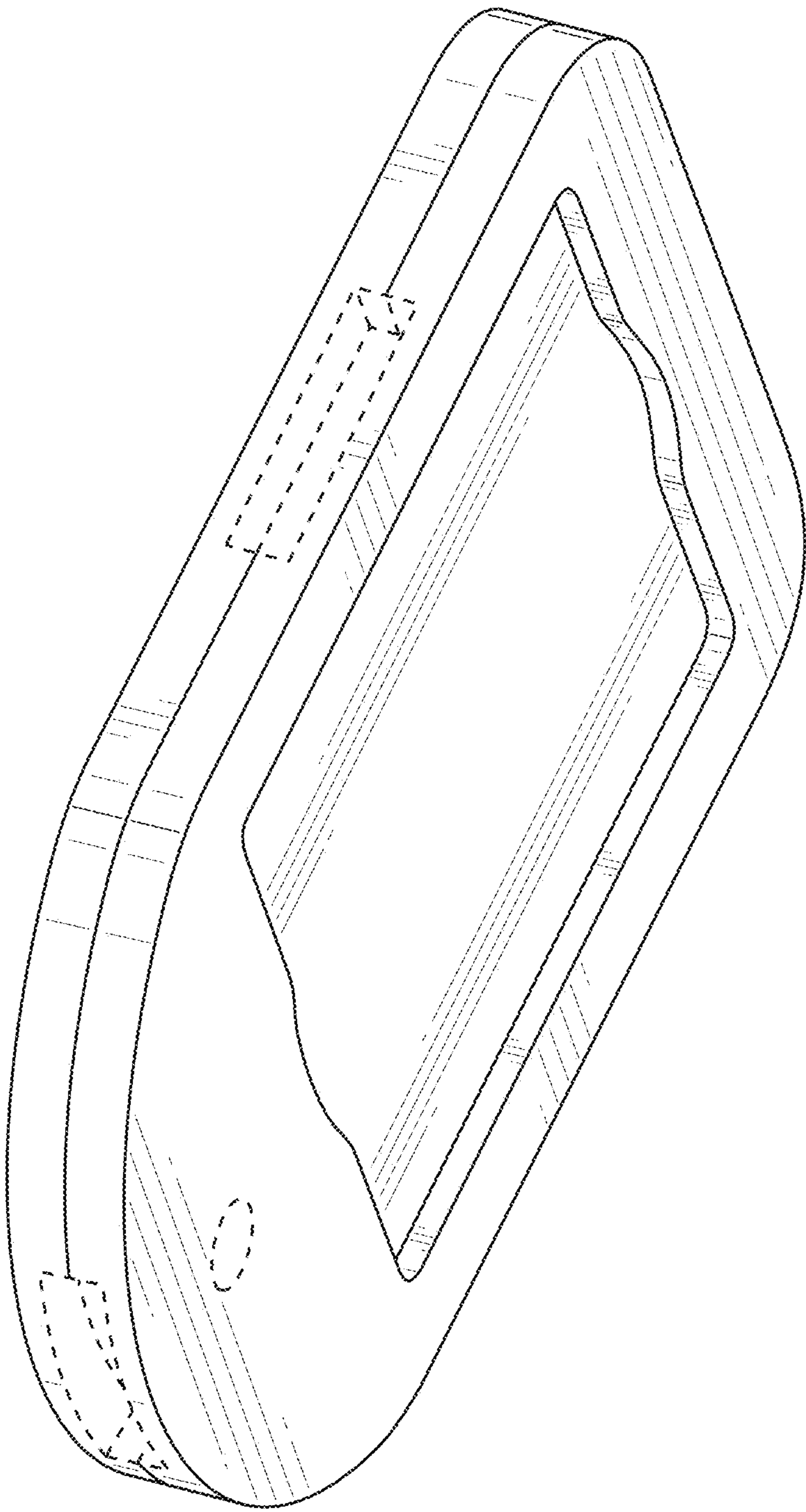


FIG. 3

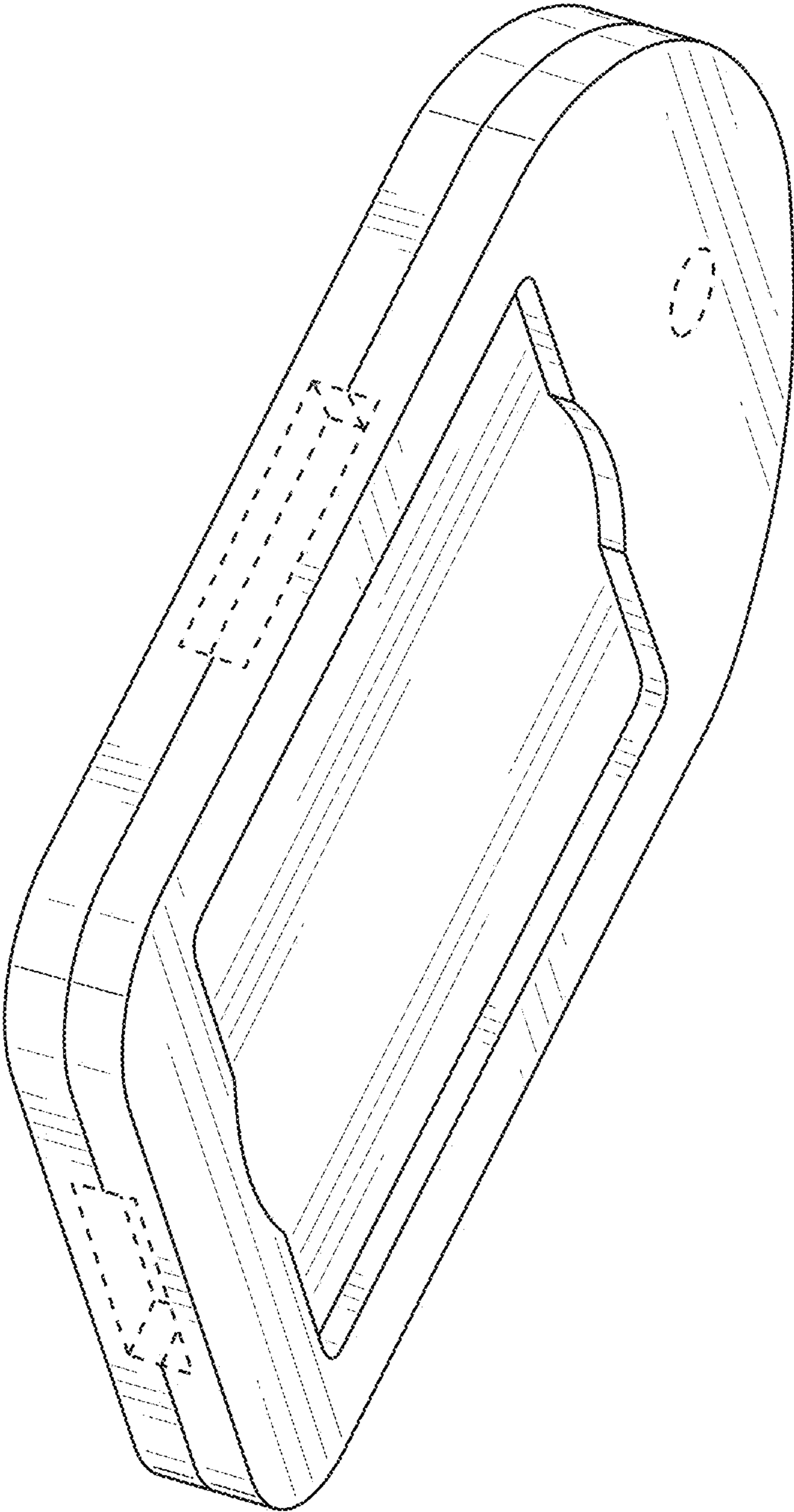


FIG. 4

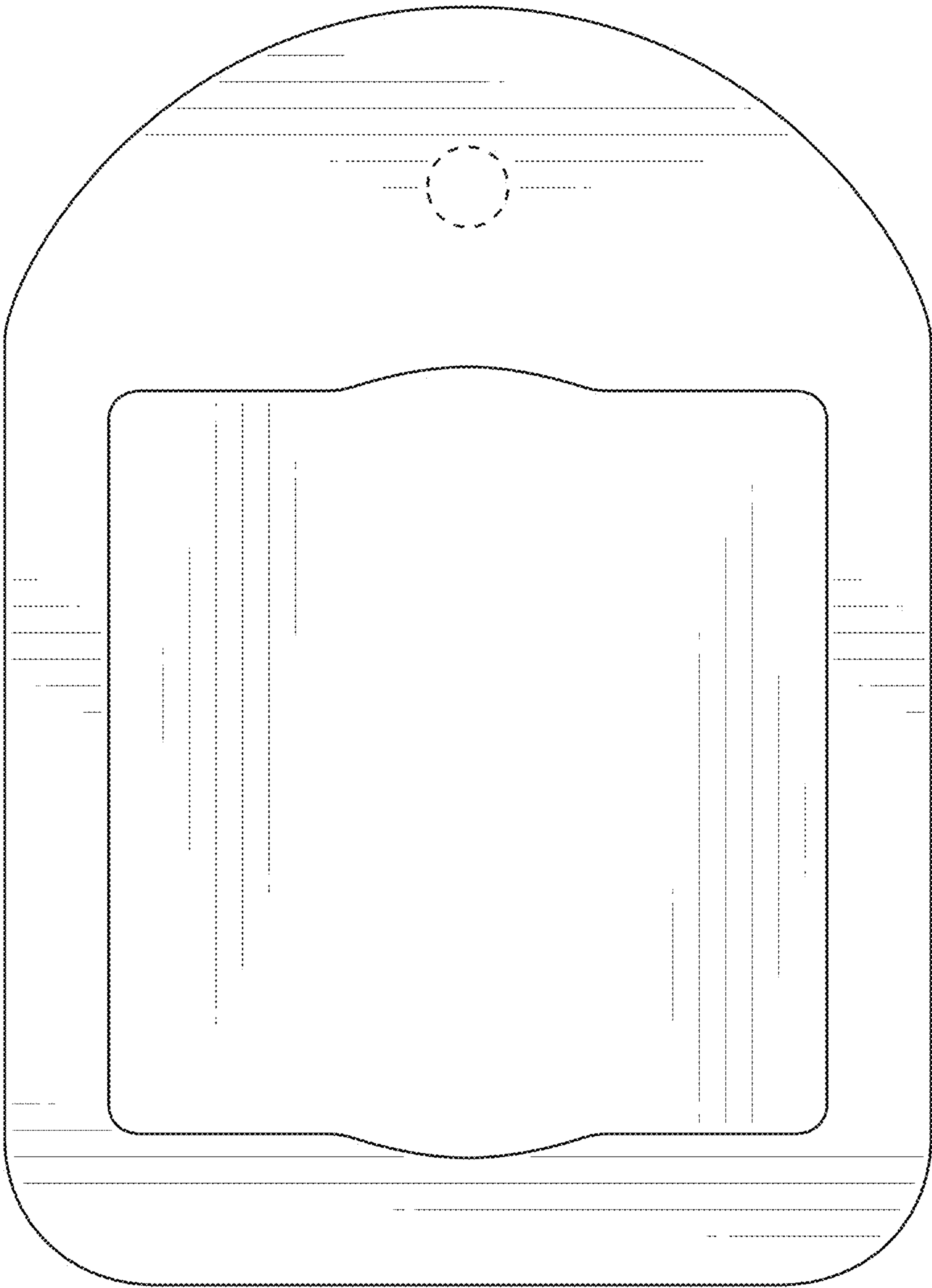


FIG. 5

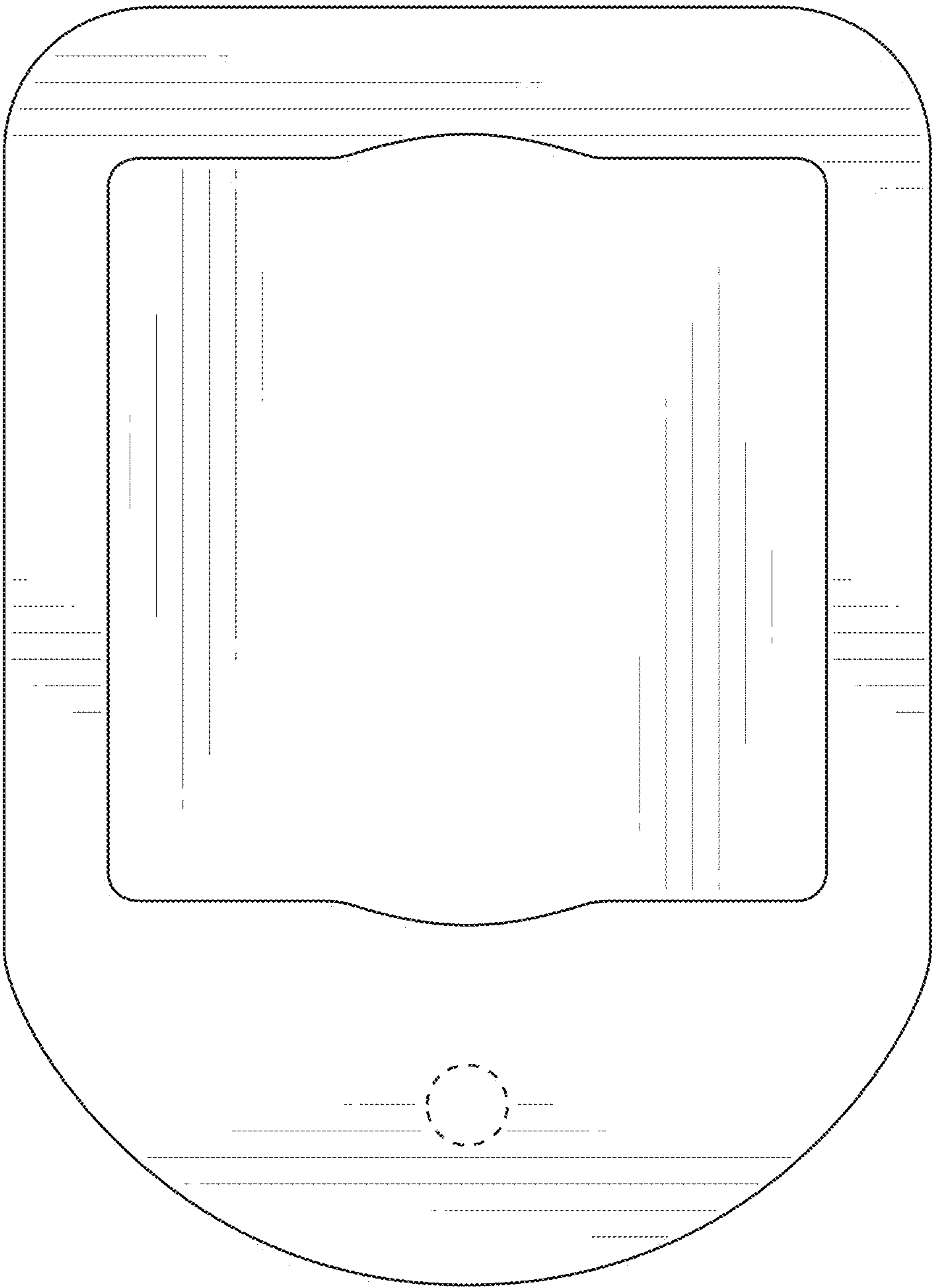


FIG. 6

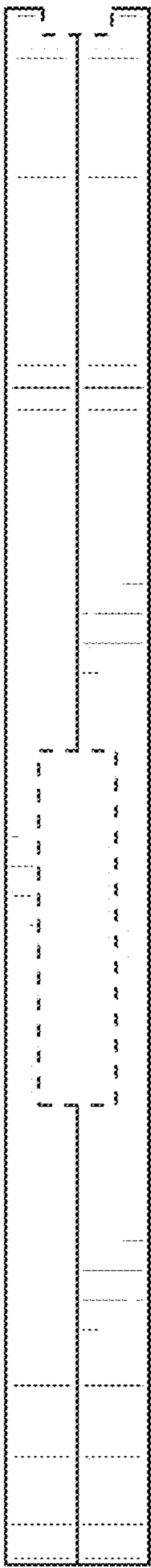


FIG. 7

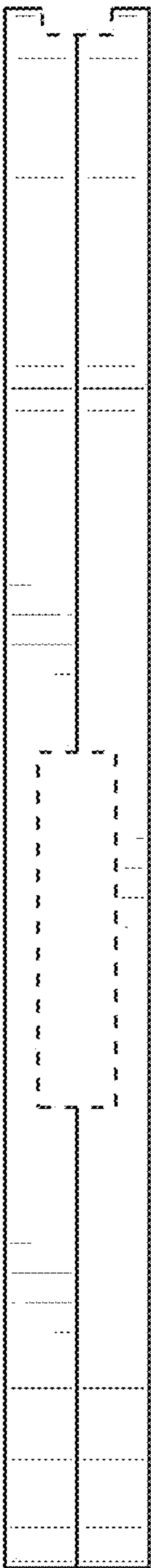


FIG. 8

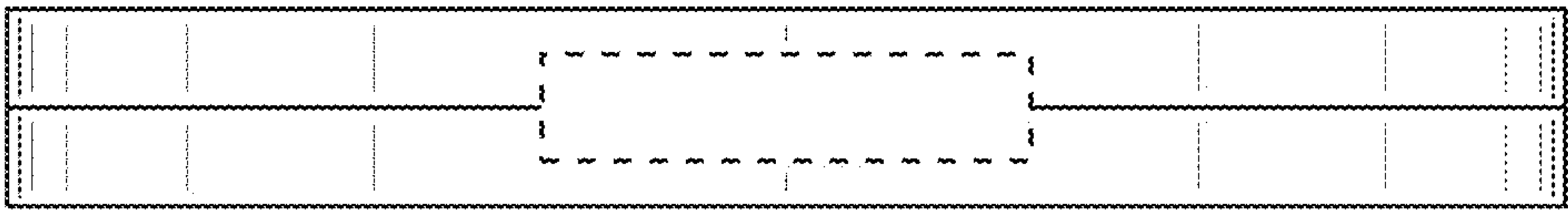


FIG. 9

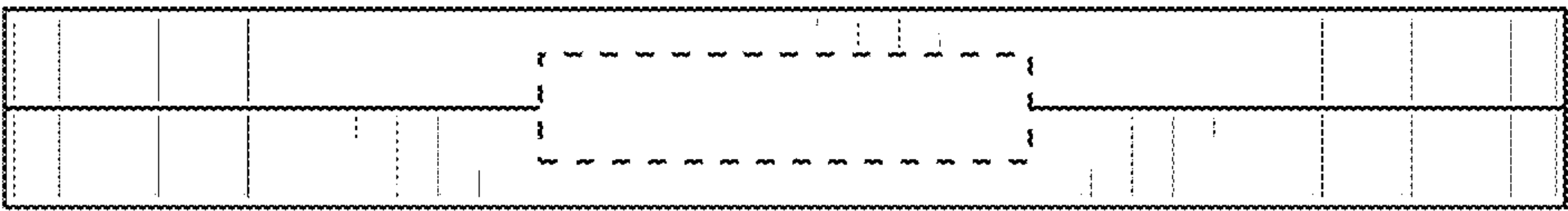


FIG. 10