



US00D669079S

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

(10) **Patent No.:** **US D669,079 S**

(45) **Date of Patent:** **** Oct. 16, 2012**

(54) **RFID TAG READER HOUSING**

(75) Inventor: **Kurt S. Hansen**, Chesterfield, MO (US)

(73) Assignee: **Innovative Timing Systems**, St. Louis, MO (US)

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

(21) Appl. No.: **29/369,068**

(22) Filed: **Sep. 1, 2010**

(51) **LOC (9) Cl.** **14-02**

(52) **U.S. Cl.** **D14/420; D14/424**

(58) **Field of Classification Search** D14/420, D14/426-428, 447, 453, 385, 363, 358, 240, D14/356, 362, 365, 370, 383, 388, 432, 433, D14/435, 439, 442, 443; D18/4.6; D13/158, D13/162, 171, 147, 164; 235/440, 462.13, 235/439, 492, 380, 375, 486, 382, 451, 487, 235/381, 441, 472.01-472.03, 462.45, 462.47, 235/462.43; 340/572.7, 573.3, 572.8, 572.1, 340/572.4, 10.1, 5.86; 455/41.1; 700/225; 710/2, 301, 64; 336/221, 232; 439/159; 361/752, 679.31, 679.32, 679.38, 679.45, 361/800; 358/473; 379/436, 438; 312/223.1
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,902,628	A *	9/1975	Schurman	.....	220/835
D257,080	S *	9/1980	Schmidt	.....	D6/632
4,220,992	A *	9/1980	Blood et al.	.....	700/91
D257,584	S *	12/1980	Finkel	.....	D9/423
D268,029	S *	2/1983	Fisher	.....	D14/385
D270,061	S *	8/1983	Ackeret	.....	D6/308
D270,062	S *	8/1983	Ackeret	.....	D6/308
D270,063	S *	8/1983	Ackeret	.....	D6/308
D270,064	S *	8/1983	Ackeret	.....	D6/308
D270,068	S *	8/1983	Ackeret	.....	D6/308
D277,282	S *	1/1985	Barton et al.	.....	D14/240
D277,388	S *	1/1985	Ackeret	.....	D6/300
D289,262	S *	4/1987	Goetz et al.	.....	D9/420
4,700,842	A *	10/1987	Grusin	.....	206/508
D308,055	S *	5/1990	Tedham et al.	.....	D14/389

D308,198	S *	5/1990	Tedham et al.	.....	D14/389
D308,364	S *	6/1990	Beasley et al.	.....	D14/389
D312,449	S *	11/1990	Komada	.....	D14/389
D322,165	S *	12/1991	Lloyd	.....	D3/273
D331,839	S *	12/1992	Patrick	.....	D3/218
D337,322	S *	7/1993	Yang	.....	D14/389
D350,850	S *	9/1994	Angelini	.....	D3/273
D350,880	S *	9/1994	VanValkenburg et al.	.....	D7/629
D376,583	S *	12/1996	Ishiura et al.	.....	D14/389
D378,020	S *	2/1997	Hatt	.....	D3/218
D392,623	S *	3/1998	Gerbaulet	.....	D14/387
D402,979	S *	12/1998	Ogasawara	.....	D14/507
D409,200	S *	5/1999	Cooper	.....	D14/218
D411,040	S *	6/1999	Gilbertson et al.	.....	D3/294
D412,786	S *	8/1999	Killinger	.....	D3/273
6,003,769	A *	12/1999	Ebbing	.....	235/380
D423,470	S *	4/2000	Neifer et al.	.....	D14/385
D436,441	S *	1/2001	Lapidus	.....	D3/273
6,250,965	B1 *	6/2001	Neifer	.....	439/630
D447,633	S *	9/2001	Demsien et al.	.....	D3/294
D451,508	S *	12/2001	Liston et al.	.....	D14/385
D456,412	S *	4/2002	Khovaylo et al.	.....	D14/420

(Continued)

Primary Examiner — Susan Moon Lee

(74) *Attorney, Agent, or Firm* — Polster, Lieder, Woodruff & Lucchesi, L.C.

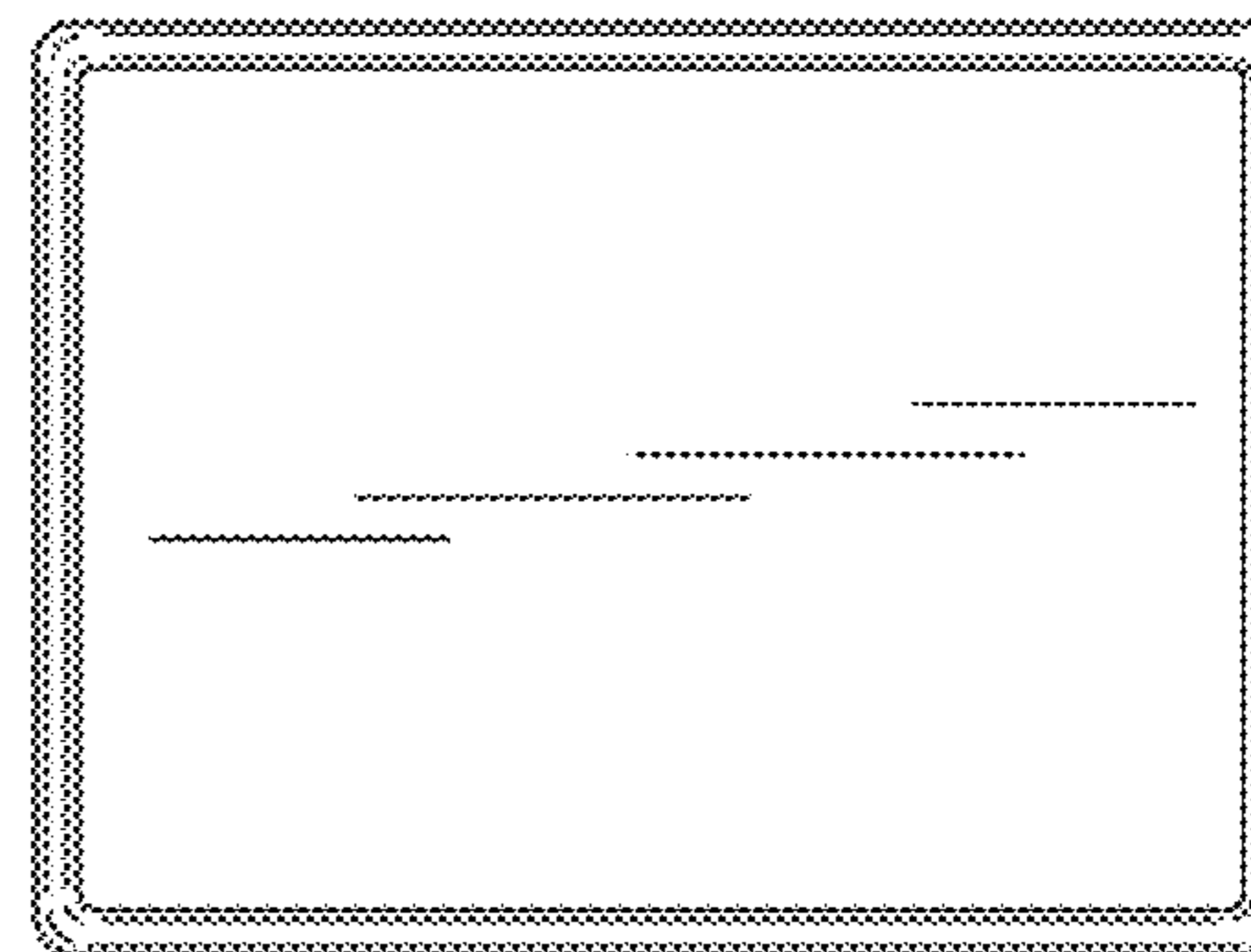
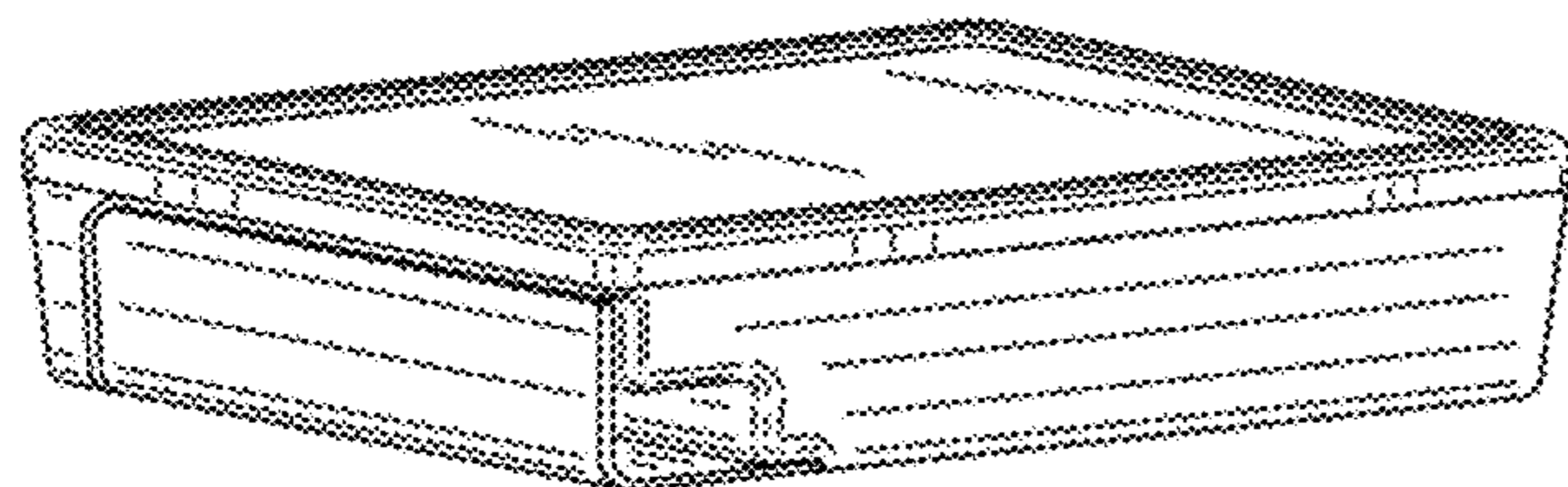
(57) **CLAIM**

I claim the ornamental design for an RFID tag reader housing, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of the RFID tag reader housing;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.
The broken lines are included for the purpose of illustrating environmental structure and form no part of the claimed design.

1 Claim, 2 Drawing Sheets



U.S. PATENT DOCUMENTS

D476,483	S *	7/2003	Gilbertson et al.	.....	D3/318
D491,563	S *	6/2004	Sato et al.	.....	D14/433
D506,612	S *	6/2005	Rosa et al.	.....	D3/301
D514,574	S *	2/2006	Yanagisawa et al.	.....	D14/420
D517,311	S *	3/2006	Kim	.....	D3/218
D518,451	S *	4/2006	Nussberger et al.	.....	D13/184
D521,001	S *	5/2006	Xiao et al.	.....	D14/356
D522,531	S *	6/2006	Solomon et al.	.....	D14/496
7,071,927	B2 *	7/2006	Blanchard	.....	345/173
D525,975	S *	8/2006	Khovaylo	.....	D14/420
D535,994	S *	1/2007	Leibenguth	.....	D14/385
D541,801	S *	5/2007	Elwell et al.	.....	D14/389
D549,191	S *	8/2007	Paradise et al.	.....	D14/125
7,255,228	B2 *	8/2007	Kim	.....	206/320
D551,846	S *	10/2007	Ko et al.	.....	D3/201
D563,093	S *	3/2008	Nussberger	.....	D3/201
D568,312	S *	5/2008	Wang et al.	.....	D14/356
D569,866	S *	5/2008	Turpault et al.	.....	D14/385
D570,348	S *	6/2008	Turpault et al.	.....	D14/385
D571,805	S *	6/2008	Leung et al.	.....	D14/385
D574,360	S *	8/2008	Matsuoka	.....	D14/168
D575,896	S *	8/2008	Beeson	.....	D26/94
D580,933	S *	11/2008	Ju et al.	.....	D14/358
D580,935	S *	11/2008	Leung et al.	.....	D14/385
D582,149	S *	12/2008	Tan	.....	D3/218
7,495,895	B2 *	2/2009	Carnevali	.....	361/679.26
7,505,279	B2 *	3/2009	Ohtaki et al.	.....	361/752
D590,825	S *	4/2009	Liu	.....	D14/341
D593,319	S *	6/2009	Richardson et al.	.....	D3/218
D593,746	S *	6/2009	Richardson et al.	.....	D3/201
D594,875	S *	6/2009	Sheba et al.	.....	D14/496
D597,089	S *	7/2009	Khan et al.	.....	D14/250
D597,301	S *	8/2009	Richardson et al.	.....	D3/218
D599,753	S *	9/2009	Cho et al.	.....	D14/125
D599,797	S *	9/2009	Kim	.....	D14/383
D603,389	S *	11/2009	Khan et al.	.....	D14/250
D605,850	S *	12/2009	Richardson et al.	.....	D3/218
D613,282	S *	4/2010	Richardson et al.	.....	D14/250
D615,078	S *	5/2010	Bradley	.....	D14/250
D615,535	S *	5/2010	Richardson et al.	.....	D14/250
D619,361	S *	7/2010	Andre et al.	.....	D3/269
D619,574	S *	7/2010	Richardson et al.	.....	D14/250
D620,485	S *	7/2010	Corrigan et al.	.....	D14/240
D622,716	S *	8/2010	Andre et al.	.....	D14/250
D623,638	S *	9/2010	Richardson et al.	.....	D14/250
D623,639	S *	9/2010	Richardson et al.	.....	D14/250
D623,640	S *	9/2010	Freeman	.....	D14/250
D624,064	S *	9/2010	Esposito	.....	D14/250
D624,065	S *	9/2010	Bosch et al.	.....	D14/250
D624,077	S *	9/2010	Maeda et al.	.....	D14/385
D624,912	S *	10/2010	Chen et al.	.....	D14/356
D624,915	S *	10/2010	Ferreira Sanchez	.....	D14/385
D626,099	S *	10/2010	Huang	.....	D14/125
D626,120	S *	10/2010	Richardson et al.	.....	D14/250
D626,746	S *	11/2010	Roman	.....	D3/269
D628,994	S *	12/2010	Griffin et al.	.....	D14/250
D633,504	S *	3/2011	Alexander, Jr.	.....	D14/447
D637,590	S *	5/2011	Michie et al.	.....	D14/250
D637,592	S *	5/2011	Magness et al.	.....	D14/250
D638,005	S *	5/2011	Richardson et al.	.....	D14/250
D638,412	S *	5/2011	Lee	.....	D14/250
D641,014	S *	7/2011	Smith et al.	.....	D14/250
D641,025	S *	7/2011	Ohno	.....	D14/502
D641,327	S *	7/2011	Falakfarsa et al.	.....	D14/125
D642,171	S *	7/2011	Melanson et al.	.....	D14/250
D643,422	S *	8/2011	Smith et al.	.....	D14/250
D643,423	S *	8/2011	Smith et al.	.....	D14/250
D643,837	S *	8/2011	Smith et al.	.....	D14/250
D644,218	S *	8/2011	Akana et al.	.....	D14/341
D644,222	S *	8/2011	Woo et al.	.....	D14/365
D644,637	S *	9/2011	Smith et al.	.....	D14/250
D644,639	S *	9/2011	Weller et al.	.....	D14/250
D645,031	S *	9/2011	Richardson et al.	.....	D14/250
D645,032	S *	9/2011	Fathollahi	.....	D14/250
D646,264	S *	10/2011	Dong	.....	D14/250
D646,272	S *	10/2011	Woo et al.	.....	D14/365
D646,671	S *	10/2011	Fathollahi	.....	D14/250
D647,084	S *	10/2011	Fathollahi	.....	D14/250
D647,085	S *	10/2011	Chung et al.	.....	D14/250
D647,518	S *	10/2011	Fathollahi	.....	D14/250
D647,895	S *	11/2011	Fathollahi	.....	D14/250
8,051,980	B2 *	11/2011	Tai et al.	.....	206/320
D650,371	S *	12/2011	Wibby et al.	.....	D14/238.1
D650,381	S *	12/2011	Park et al.	.....	D14/341
D651,201	S *	12/2011	Fathollahi	.....	D14/250
D651,203	S *	12/2011	Michie et al.	.....	D14/250
D651,204	S *	12/2011	Wibby et al.	.....	D14/250
D653,656	S *	2/2012	Charnas et al.	.....	D14/250
D654,483	S *	2/2012	Richardson et al.	.....	D14/250
D654,485	S *	2/2012	Chang et al.	.....	D14/250
D654,486	S *	2/2012	Chang et al.	.....	D14/250
D654,491	S *	2/2012	Melanson et al.	.....	D14/250
D654,914	S *	2/2012	Martin	.....	D14/250
D654,915	S *	2/2012	Weller et al.	.....	D14/250
D656,136	S *	3/2012	Lee	.....	D14/341
D658,165	S *	4/2012	Freeman	.....	D14/250
8,154,680	B2 *	4/2012	Doyle et al.	.....	349/58
D659,691	S *	5/2012	Kim et al.	.....	D14/250
D660,828	S *	5/2012	Petsch	.....	D14/240
2003/0104850	A1 *	6/2003	Lai et al.	.....	455/575
2003/0136037	A1 *	7/2003	Huang	.....	40/575
2004/0139637	A1 *	7/2004	Lee	.....	40/564
2006/0097049	A1 *	5/2006	Moore	.....	235/440
2006/0146491	A1 *	7/2006	Chen	.....	361/683
2006/0168854	A1 *	8/2006	Sitcov	.....	40/564
2008/0062636	A1 *	3/2008	Liu	.....	361/685
2009/0114556	A1 *	5/2009	Tai et al.	.....	206/320
2010/0027255	A1 *	2/2010	Chang et al.	.....	362/235
2010/0096284	A1 *	4/2010	Bau	.....	206/320
2010/0203931	A1 *	8/2010	Hynecek et al.	.....	455/575.8
2011/0255023	A1 *	10/2011	Doyle et al.	.....	349/58

* cited by examiner

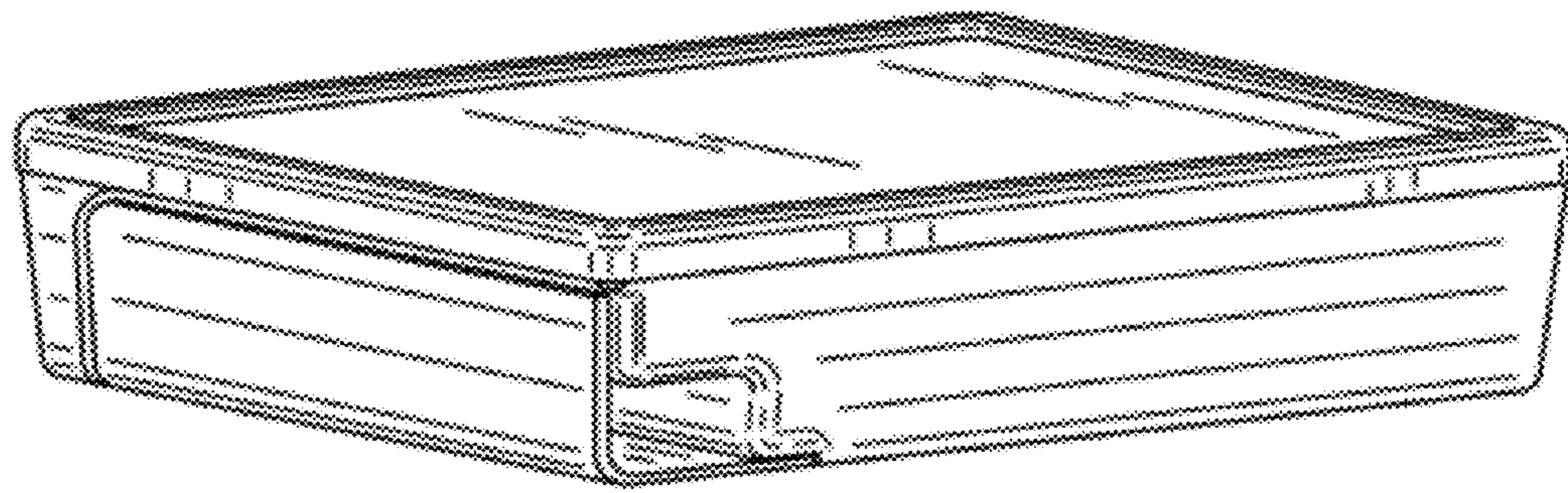


FIG. 1

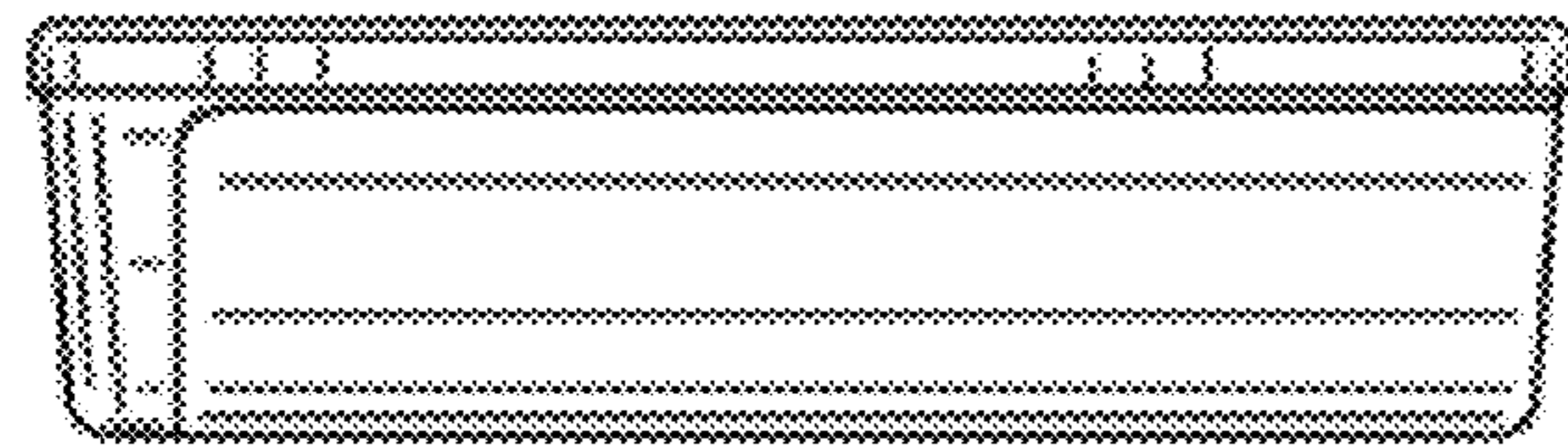


FIG. 2

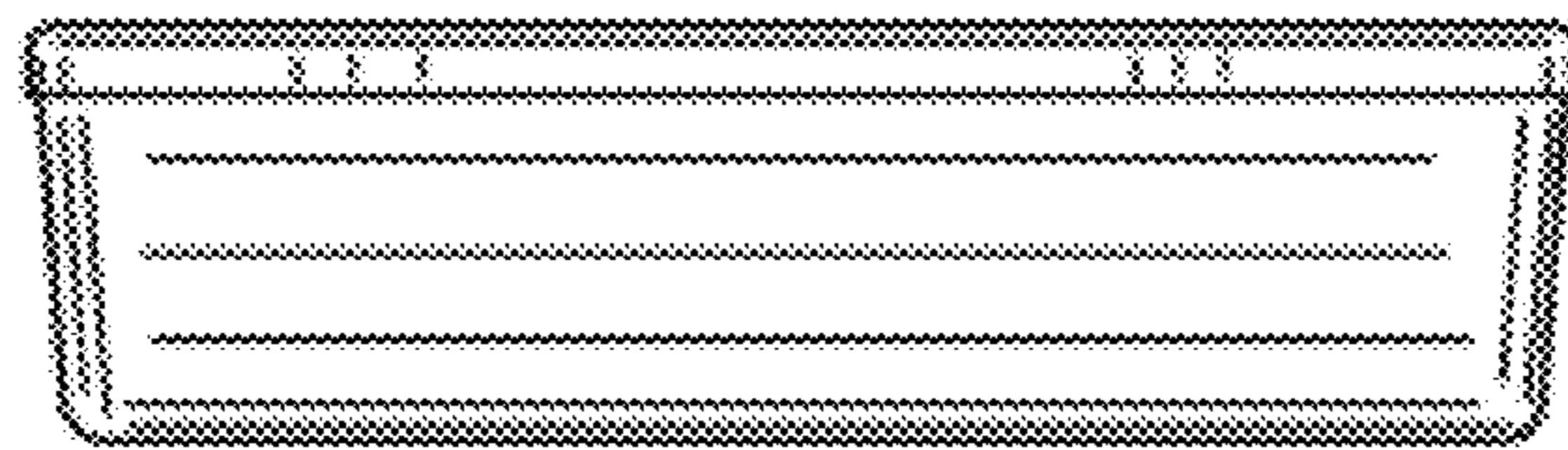


FIG. 3

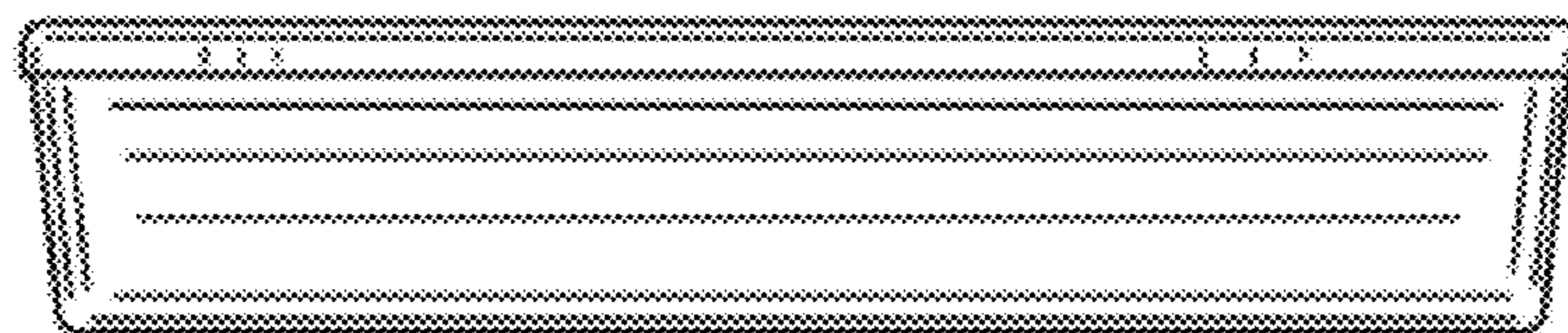


FIG. 4

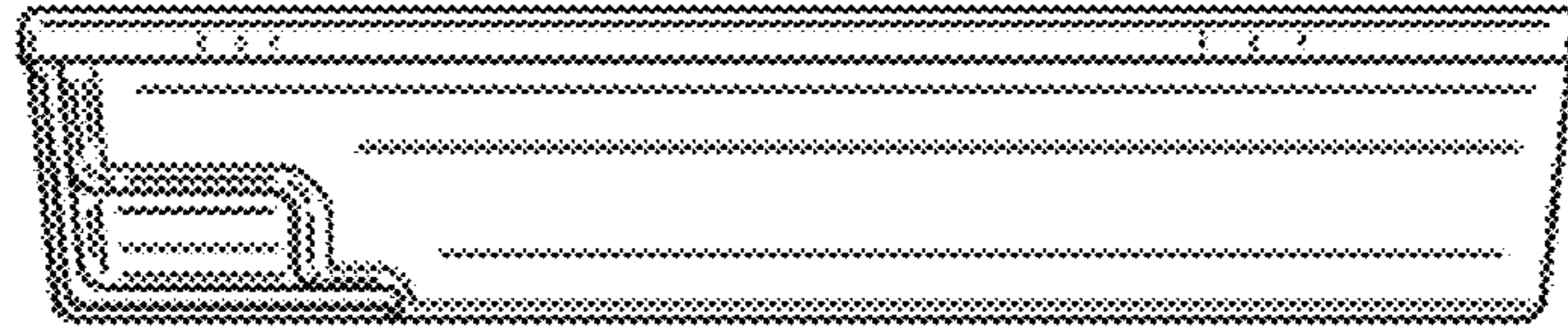


FIG. 5

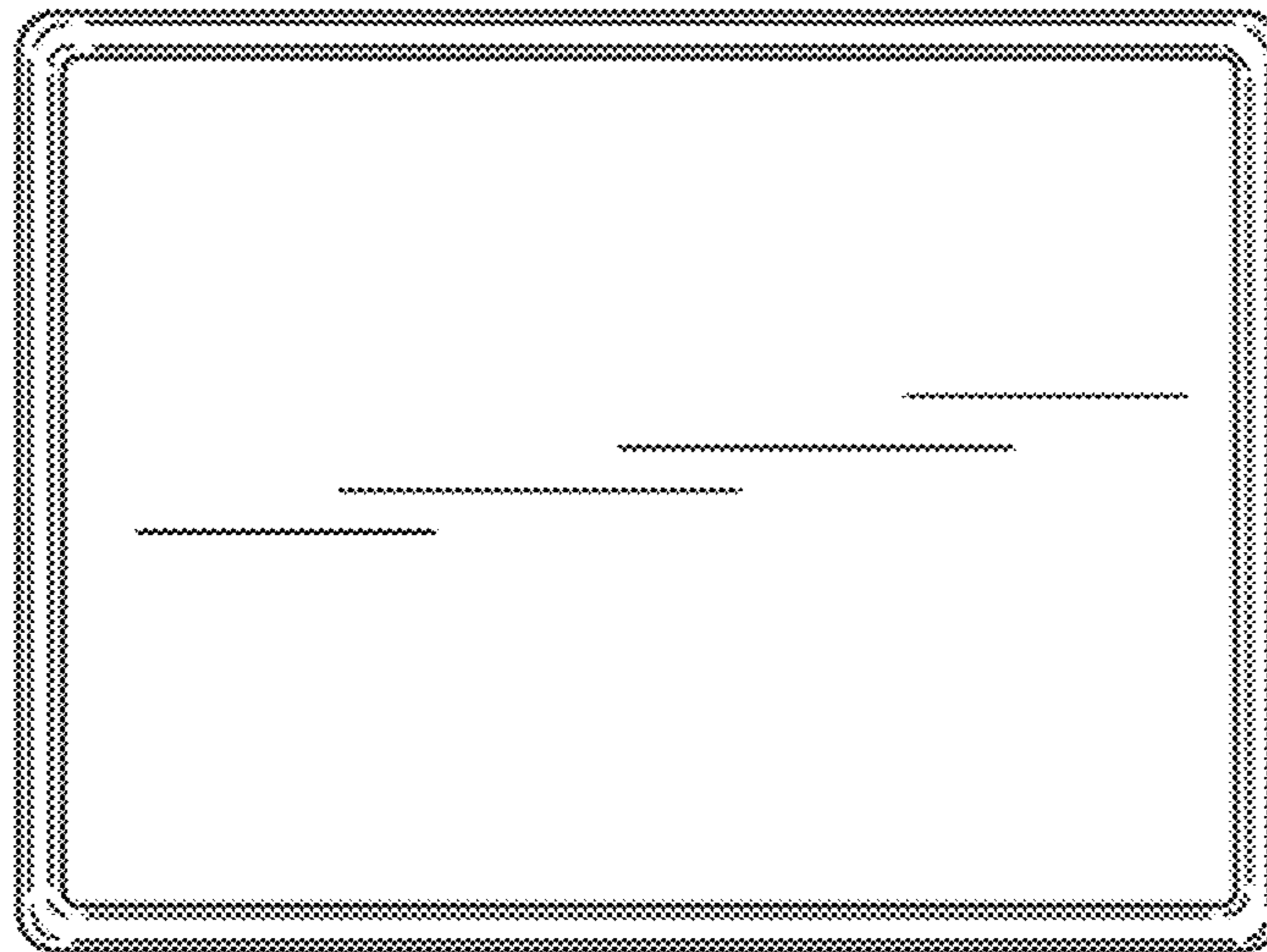


FIG. 6

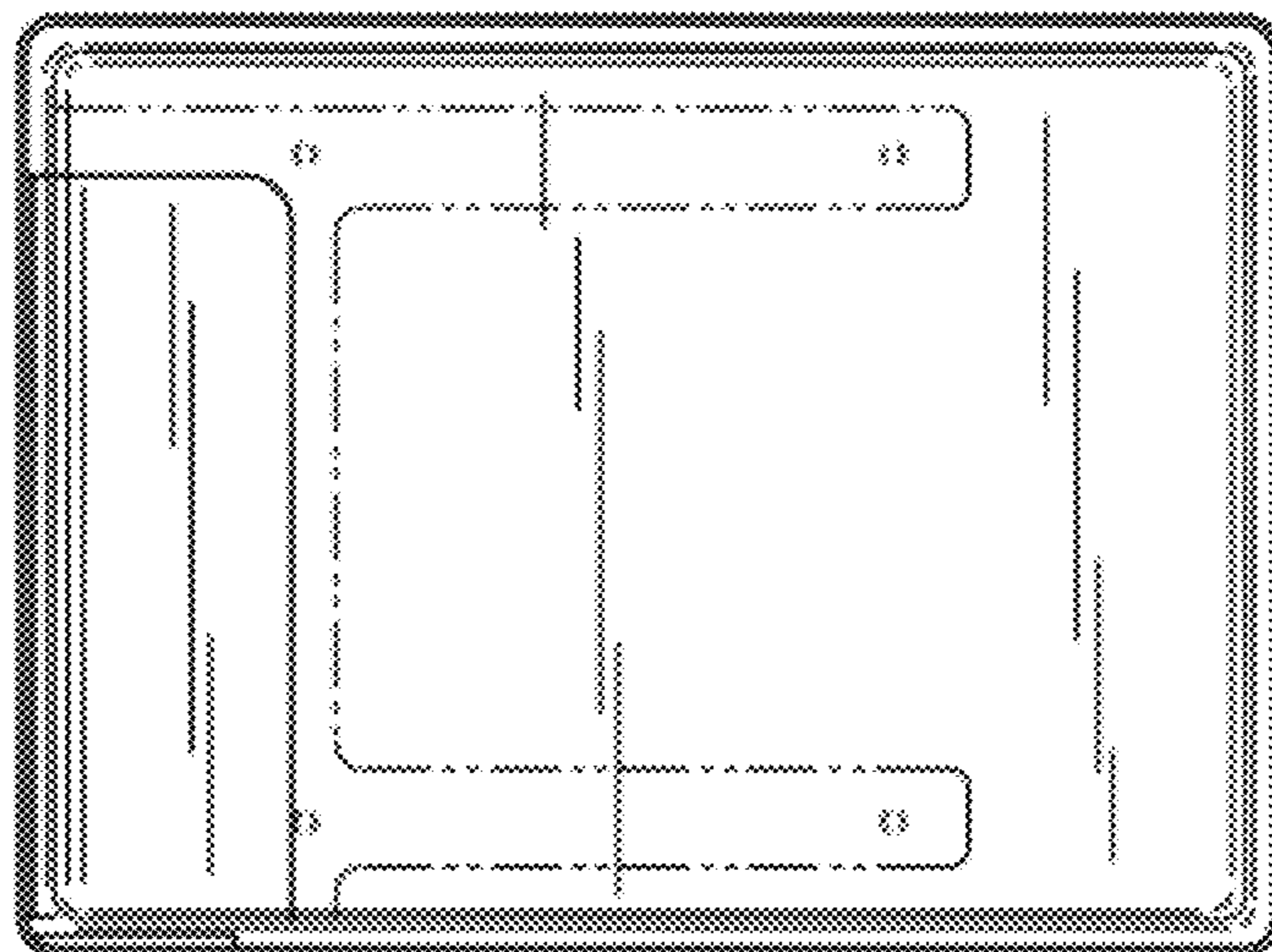


FIG. 7