## Exhibit 2

linor Worlds, LLC v. Apple, Inc.

			Page 1
1	UNITED STATES DISTRICT (	COURT	
	EASTERN DISTRICT OF TEXA	AS	
2	TYLER DIVISION		
3		x	
4	MIRROR WORLDS, LLC,		
5	Pla	aintiff,	
6	VS. No	. 6:08 cv 88 LED	
7	APPLE INC.,		
8	De:	fendant.	
9		x	
10			
	De	ecember 11, 2009	,
11			
	9	:10 a.m.	
12			
13	Videotaped de	eposition of JOHN LEVY	Υ,
	Ph.D, at the offices of	Weil, Gotshal & Mange	es,
14	767 Fifth Avenue, New Yo	ork, New York, before	
	Nancy Mahoney, a Certif	ied Court Reporter,	
15	Registered Professional	Reporter, Certified	
	LiveNote Reporter, and I	Notary Public within a	and
16	for the States of New Yo	ork and New Jersey.	
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10:34:22	1	for a an apparatus to meet the claim, there	10:35:41	1	MR. STEIN: Objection.
10:34:25	2	has to be a time-ordered sequence of documents	10:35:43	2	A. Well, I think taking the
10:34:27	3	or data units.	10:35:45	3	specification in its entirety as part of the
10:34:29	4	A. I think it's better to say that it	10:35:49	4	definition of stream, it does occur there.
10:34:37	5	requires the accumulation, if you like, of a	10:35:51	5	Q. Well, the term "unbounded" doesn't
10:34:46	6	collection which are then time-ordered.	10:35:53	6	appear anywhere in the specification, does it?
10:34:51	7	Q. Let's move on to the next	10:35:54	7	A. I don't recall.
10:34:53	8	paragraph, Paragraph 20.	10:35:55	8	Q. Okay. And the term "unbounded"
10:34:55	9	And here you explain your opinion	10:35:58	9	doesn't appear anywhere in the file history,
10:35:04	10	that you think that the construction of the term	10:35:58	10	does it?
10:35:08	11	"stream" should require that the stream be	10:35:58	11	MR. STEIN: Objection.
10:35:11	12	unbounded in the number of data units or	10:36:00	12	A. That, I'm not sure.
10:35:14	13	documents in the stream, correct?	10:36:02	13	Q. Okay. But you certainly didn't
10:35:14	14	A. Yes.	10:36:04	14	cite anywhere where it —
	15	Q. Now, that language also is not	10:36:04	15	A. No.
10:35:17	16	well, strike that.	10:36:06	16	Q appeared in the file history.
10:35:18	17	That requirement, this unbounded		17	And by unbounded well, strike
10:35:21	18	requirement, isn't in the definition of stream	10:36:08	18	that.
10:35:26	19	that the applicants provided to the examiner, is	10:36:11	19	What did you mean by unbounded in
10:35:27	20	it?	10:36:13	20	the number of data units?
10:35:29	21	A. In this document, no.	10:36:15	21	A. That means a number that can grow
10:35:31	22	Q. Okay. And it's not in the	10:36:16	22	without bound.
10:35:37	23	definition of stream that in any document	10:36:20	23	Q. So could be an infinite number of
10:35:40	24	that the applicants provided to the examiner, is	10:36:21	24	data units?
10:35:40	25	it?	10.30.21	25	A. No. Unbounded and infinite
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10:36:25	1	actually have different means within the art.	10:37:58	1	you ran out of space on your hard drive?
10:36:31	2	Q. So what is the difference in the	2010/100	2	A. I don't remember.
10:36:34	3	art between unbounded and infinite?	10:38:00	3	Q. Well
10:36:36	4	A. Well, I'm not sure we want to get	10:38:01	4	A. I've come close.
10:36:39	5	into the mathematical aspects, but there are,	10:38:04	5	Q. Right. And you know video, for
10:36:45	6	for example, infinite and yet countable sets,	10:38:07	6	example, takes up a lot can take up a lot of
10:36:49	7	but unbounded merely means that the number can	10:38:08	7	space on a hard drive?
10:36:49	8	grow without any arbitrary bound.	10:38:09	8	A. Yeah.
10:36:55	9		10:38:11	9	Q. So you could it could easily be
		Q. Is it limited by the by any physical characteristics of the system?	10:38:18	10	possible that a if a user wanted to store
10:37:04	10		10:38:21	11	movies on their hard drive, a stream of those
10:37:06	11		10:38:25	12	·
10:37:08	12	of the term to the possible implementations.			movies would, in fact, be bounded by the constraints of the hard drive.
10:37:11	13	When you implement a stream, any	10:38:27	13	
10:37:14	14	implementation will have some constraint based	10:38:28	14	Isn't that right?
10:37:19	15	on the physical characteristics of the system.	10:38:30	15	MR. STEIN: Objection, form.  A. No. I think the the issue is
10:37:23	16	Q. So no real stream will actually be	10:38:32	16	
10:37:26	17	unbounded in the number of data units or	10:38:38	17	not how much storage there is for the data
10:37:27	18	documents in the stream, will it?	10:38:44	18	units, but whether the concept and approach to
10:37:31	19	MR. STEIN: Objection.	10:38:49	19	streams is itself is bound in the number of
10:37:34	20	A. I'm not sure that's fair. From the	10:38:55	20	items sorry data units in the stream.
10:37:38	21	user point of view, so long as the documents	10:38:58	21	Q. Well, how would you determine in a
10:37:42	22	received by or generated by the system continue	10:39:02	22	real life system whether streams were bounded or
10:37:48	23	to be accepted into the mainstream, from the	10:39:09	23	unbounded?
10:37:51	24	user's point of view, that is unbounded.	10:39:11	24	A. Well, we have two separate
	25	<ul> <li>Q. Did you ever have a computer where</li> </ul>	{	25	problems: One is to understand the word

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15:44:50	1	A. When you say "you can point," you	15:58:16	1	Figure 1 and not focusing solely on Claim 16 of
	2	mean like I as a human can	15:58:20	2	the '427, so I may have misspoken in terms of my
15:44:51	3	Q. Correct.	15:58:24	3	understanding of whether Claim 16 itself
15:44:54	4	A say, oh, here's one of them and	15:58:30	4	requires the glance view and the displayed
15:44:57	5	here's the other? In that sense, I do believe	15:58:33	5	document representation to be distinct and
15:45:22	6	that's true.	15:58:35	6	separate items.
15:45:24	7	Q. Okay. Let's move on to the	15:58:40	7	Q. So, Dr. Levy, wasn't I very, very
15:45:34	8	receding foreshortened stack term. That's	15:58:44	8	clear before your last set of answers that I
15:45:37	9	Paragraphs 52 and 53 of your declaration. Why	15:58:49	9	wanted you to focus on Claim 16 and not Claim 1?
15:45:40	10	don't you read those two paragraphs and let me	15:58:50	10	Didn't I say that very clearly?
15:45:41	11	know when you're ready.	15:58:52	11	A. You did say that very clearly, but,
15:45:44	12	MR. STEIN: Can we take a break	15:58:54	12	unfortunately, I had this in front of me at the
15:45:45	13	now?	15:59:00	13	same time and I kept referring to that.
15:45:46	14	MR. CHERENSKY: Sure. That's fine.	15:59:02	14	Q. And by this, you mean the
15:45:47	15	THE VIDEOGRAPHER: We're off the	15:59:07	15	A. Figure 1 of the '227 patent.
15:45:49	16	record. Time is 3:45 p.m.	15:59:09	16	Q. So are you saying you want to
15:57:45	17	(Recess taken.)	15:59:13	17	change your testimony regarding my question to
15:57:57	18	THE VIDEOGRAPHER: We're back on	15:59:15	18	you about Claim 16?
15:58:01	19	the record. Time is 3:58 p.m.	15:59:15	19	A. Yes.
15:58:03	20	THE WITNESS: I'd like to say	15:59:17	20	Q. Did you – before you before you
15:58:03	21	something.	15:59:20	21	make that correction, let me ask: Did you
15:58:03	22	BY MR. CHERENSKY:	15:59:27	22	discuss your testimony about the glance view and
15:58:03	23	Q. Okay.	15:59:28	23	the document - document representation with
15:58:05	24	A. As I was leaving the room, I	15:59:31	24	counsel during the break?
	25	realized that I may have I was referring to		25	A. As after we left the room, I
***************************************		Page 180			Page 181
15:59:39	1	said to counsel I thought I may have	16:01:01	1	it all out.
15:59:43	2	misrepresented Claim 16 because I was referring	16:01:02	2	So, without regard to whether it's
15:59:45	3	to Figure 1.	16:01:05	3	the most important thing, is there anything
15:59:46	4	Q. Did oh, I'm sorry.	16:01:06	4	about Claim 16 that your testimony about
15:59:49	5	A. So counsel encouraged me to correct	16:01:13	5	Claim 16 that you'd like to change?
15:59:51	6	my testimony if that was the case.	16:01:15	6	A. I don't think so.
15:59:53	7	Q. Did counsel ask you about that	16:01:20	7	Q. Okay. Now, you agree that what
15:59:57	8	testimony before you said that you might have	16:01:28	8	that third indented paragraph in Claim 16
15:59:58	9	been unclear in your answer?	16:01:34	9	describes is that the glance view is displayed
16:00:04	10	A. He did not.	16:01:39	10	on the screen as a result of the cursor or
16:00:10	11	Q. So what how would you like to	16:01:43	11	pointer being positioned over the displayed
16:00:16	12	correct your testimony regarding Claim 16?	16:01:45	12	document representation?
16:00:19	13	A. I think that the third limitation	16:01:56	13	You agree with that, don't you?
16:00:22	14	in Claim 16, which is the one we were	16:01:59	14	A. It says responding to the sliding
16:00:29	15	discussing, mentions both a display document	16:02:02	15	cursor or pointer over a portion of a displayed
16:00:33	16	representation and a glance view.	16:02:05	16	document representation to display the glance
16:00:36	17	And in my understanding of this,	16:02:09	17	view, yes, that is right.
16:00:39	18	they may or may not be separate and distinct	16:02:12	18	Q. Okay. And you agree, don't you,
16:00:43	19	graphical elements on the screen.	16:02:17	19	that the glance view of a displayed document
16:00:45	20	Q. Okay. Well, then let's go back	16:02:27	20	representation is not visible on the display if
16:00:49	21	over it well, I'm sorry. Before I do that,	16:02:32	21	the cursor or pointer is not positioned over the
16:00:51	22	is there anything else?	16:02:41	22	displayed document representation, don't you?
16:00:53	23	A. I think that's the most important	16:02:41	23	MR. STEIN: Objection.
16:00:55	24	thing.	16:02:45	24	A. Well, I think this this section
1	25	Q. Okay. Well, I guess let's just get		25	of this claim is kind of is moot on that. I

		Page 186			Page 187
16:08:11	1	representation is generated and and visible	16:10:06	1	A. The reason?
16:08:15	2	on the display?	16:10:07	2	Q. Yeah.
16:08:18	3	A. I guess I need to hear that from	16:10:09	3	A. You mean what does it what
16:08:18	4	the beginning. Sorry.	16:10:12	4	functionally does it do?
16:08:21	5	Q. I'll that's fine. I'll just	16:10:13	5	Q. Sure.
16:08:22	6	restate it.	16:10:15	6	Why would why would one be
16:08:25	7	The well, let me ask it a	16:10:19	7	interested in a system that did something like
16:08:26	8	slightly different way.	16:10:19	8	that?
16:08:28	9	You understand that the point of	16:10:24	9	A. One would want might want to see
16:08:34	10	this limitation is that the user can move his	16:10:27	10	a unobscured version of the document
16:08:38	11	mouse I'm sorry can position the cursor or	16:10:29	11	representation, for example.
16:08:41	12	pointer over different document representations	16:10:32	12	Q. Okay. So in that example that you
16:08:44	13	and see the different glance views that	16:10:37	13	just described, what is displayed when the
16:08:46	14	correspond to those different document	16:10:40	14	cursor a pointer is positioned over the
16:08:49	15	representations, correct?	16:10:42	15	displayed document representation is different
16:09:18	16	MR. STEIN: Objection.	16:10:48	16	than before the cursor is positioned there,
16:09:22	17	A. This this third limitation	16:10:50	17	because before the cursor is positioned there,
16:09:26	18	further displaying the cursor or pointer really	16:10:53	18	the document representation is obscured and
16:09:31	19	only talks about one the action when the	16:10:56	19	afterwards it's not obscured, correct?
16:09:37	20	cursor or pointer touches a document	16:10:58	20	A. That would be true in that case,
16:09:47	21	representation on the screen.	16:10:58	21	yes.
16:09:54	22	Q. What do you understand the the	16:11:01	22	Q. Okay. So there's a change in what
16:09:59	23	reason that a glance view is displayed when a	16:11:04	23	the user sees as a result of the positioning of
16:10:03	24	cursor or pointer is positioned over a portion	16:11:09	24	the cursor or pointer?
	25	of a displayed document representation?		25	A. I think that's generally true.
		Page 188			Page 189
	1	I I'm not sure that's what's said here in	16:12:20	1	requirements of Claim 16 where you position the
16:11:16	2	Q. And can you	16:12:23	2	cursor or pointer over a portion of the
16:11:18	3	A Claim 16, but, yeah.	16:12:27	3	displayed document representation and, as far as
16:11:18	4	Q. I'm sorry.	16:12:30	4	the viewer of the screen is of the display is
16:11:20	5	Well, but I'm asking you about	16:12:33	5	concerned, nothing happens.
16:11:21	6	Claim 16, right?	16:12:35	6	Is that right?
16:11:22	7	A. Okay.	16:12:36	7	A. No. I think what happens is that
16:11:24	8	Q. So, in your understanding about	16:12:40	8	it displays the glance view. Whether that, in
16:11:28	9	Claim 16, isn't it correct that in your	16:12:44	9	fact, is is shown, you know, off to the side
16:11:33	10	example of a system implementing Claim 16, what	16:12:49	10	like Figure 1 or simply shows something which is
16:11:37	11	the user sees when the cursor is positioned over	16:12:53	11	the same as what's the unobscured document
16:11:38	12	a portion of the document representation is	16:12:55	12	representation, I think, is left open.
16:11:43	13	different than when the cursor is not positioned	16:12:57	13	Q. So my question was: As far as the
16:11:44	14	over it.	16:13:01	14	viewer of the screen is concerned, nothing
16:11:45	15	Isn't that right?	16:13:02	15	happened, right?
16:11:47	16	A. Well, there's a case I can think of	16:13:05	16	So if it's the same exact graphical
16:11:49	17	where that wouldn't be necessarily be true	16:13:07	17	depiction that's put on the screen as the glance
16:11:52	18	where there are let's say there are two	16:13:11	18	view as existed as the document representation,
16:11:54	19	document representations, one of them obscured	16:13:15	19	the viewer can't distinguish can't determine
16:11:57	20	by the other and the user causes the pointer or	16:13:17	20	that anything happened whatsoever in response to
16:12:01	21	cursor to point to the one that is not obscured,	16:13:21	21	the positioning of the cursor or pointer.
16:12:06	22	in which case what can be seen may or may not be	16:13:21	22	Isn't that right?
16 10 00	23	different from what was seen before.	16:13:22	23	MR. STEIN: Objection.
16:12:09					
16:12:09	24	Q. Okay. So it's your opinion that	16:13:26	24	A. I think that's unlikely.