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                 UNITED STATES DISTRICT COURT
 3
                 WESTERN DISTRICT OF NEW YORK
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      PAUL D. CEGLIA,
                                   )
 6
                    Plaintiff,
 7
                                       No. 1:10-cv-00569
                 vs.
                                   )
                                          (RJA)
 8
      MARK ELLIOT ZUCKERBERG,
                                   )
      Individually, and
                                   )
 9
      FACEBOOK, INC.,
                                   )
10
                    Defendants.
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16
                            August 9, 2012
                            10:20 a.m.
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19
                 Deposition of VALERY N. AGINSKY, held
20
          at the offices of Gibson, Dunn & Crutcher LLP,
21
          200 Park Avenue, New York, New York, before
22
          Laurie A. Collins, a Registered Professional
23
          Reporter and Notary Public of the State of New
24
          York.
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		I	Page 2
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2	A P P	E A R A N C E S:	
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9		(via telephone)	
10		- and -	
11	1	PAUL A. ARGENTIERI, ESQ.	
12		188 Main Street	
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18		200 Park Avenue	
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2 0	1	BY: ALEXANDER H. SOUTHWELL, ESQ	•
21		MATTHEW BENJAMIN, ESQ.	
22		AMANDA AYCOCK, ESQ.	
23			
2 4	ALSO 1	PRESENT:	
2 5	Ċ	JAMES ROBERTS, Videographer	

THE VIDEOGRAPHER: Good morning. We're now on the record.

Please note that microphones are sensitive and may pick up whispering and private conversations. Please turn off all cell phones or place them away from the microphones, as they can interfere with the deposition audio. Recording will continue until all parties agree to go off the record.

My name is James Roberts representing

Veritext with offices in New York City, New

York. Today's date is August 9th, 2012. The

time is approximately 10:20 a.m.

This deposition is being held at Gibson, Dunn, located at 200 Park Avenue, New York City, New York, and is being taken by counsel for the defendants. The caption of the case is Paul D. Ceglia versus Mark Elliot Zuckerberg, et al. The case is filed in the U.S. District Court, Western District of New York, Case Number 1:10-cv-00569. The name of the witness is Valery N. Aginsky, Ph.D.

At this time the attorneys will please state their appearances for the record.

	Page 5
1	Aginsky
2	A. Yes.
3	Q. The judge presiding over this case has
4	some particular rules that I need to tell you
5	about. The first is that if you need
6	clarification or a definition or explanation of
7	any words, questions, or documents throughout the
8	course of the deposition, you're to ask me as
9	opposing counsel rather than counsel for the
10	plaintiffs.
11	Do you understand that?
12	A. Yes.
13	Q. And you and plaintiff's counsel may not
14	engage in private conversation during the
15	deposition or any breaks in the deposition except
16	to determine whether to assert a privilege.
17	Do you understand that?
18	A. Yes.
19	Q. And I'd ask that you try to wait until
20	I finish my question, and I will try and wait
21	until you finish your answer so we don't overlap
22	on the record. Okay?
23	A. Okay.
24	Q. Before we begin, you received your

payment for your appearance as well as the travel

Dean Boland and I believe Paul Ceglia.

Α.

	Page 7
1	Aginsky
2	Q. Okay. And was that is that the only
3	time that you've spoken to Mr. Ceglia or have you
4	spoken to him on other occasions?
5	A. I spoke to him only once, I believe,
6	before. That was on the day when I examined the
7	documents.
8	Q. I see. Was he there in person on that
9	day?
10	A. Yes.
11	Q. And on that occasion three weeks ago,
12	did he communicate any information about the
13	documents in question? What was his role in the
14	conversation you had?
15	A. He asked me some questions as he said
16	to understand better the capabilities of the ink-
17	aging techniques.
18	Q. I see. And this was on the
19	conversation three weeks ago or that was in the
20	first conversation?
21	A. Three weeks ago.
22	Q. I see.
23	Let me come back to that. But I guess
24	because it's been I think a long time since you
25	actually worked on the case, I want to just go

1	Aginsky
2	over your involvement very generally.
3	You were approached at some point about
4	being retained and then ultimately were retained
5	by the plaintiff in this litigation; right?
6	A. Yes.
7	Q. And at some point around January of
8	2011, you were provided with some documents at
9	your lab in Michigan, and you conducted an
10	examination; is that right?
11	A. Yes.
12	Q. The only exams that you performed were
13	a visual examination and other nondestructive
14	examinations, such as microscopic and UV and
15	infrared examinations; is that correct?
16	A. Yes, and VSC analysis.
17	Q. And VSC analysis. Okay.
18	So you did not take any physical
19	samples of the documents presented to you;
20	correct?
21	A. No. I mean, that's correct, I didn't
22	take any samples.
23	Q. So you did not conduct any chemical
24	testing?
25	A. No.

	Page 9
1	Aginsky
2	Q. And then you provided a declaration in
3	June of 2011 that described the work that you had
4	done as well as your preliminary analysis; right?
5	A. Yes.
6	Q. And you provided us, meaning the
7	defendants, along with the plaintiffs, some of
8	your images and responses to interrogatories in
9	the late fall of 2011, around November and
10	December; is that right?
11	A. Yes. I provided everything that I had
12	in my computer, and then what I I believe I
13	wrote it in my the answers to interrogatories
14	that the way I also like 13 images that I took
15	using VSC, video spectral comparator, and I didn't
16	include them on the CD. But I have them now on my
17	jump drive. If you need them, you can download
18	them from my
19	Q. I see. Do you have them here today?
20	A. Yes.
21	Q. Okay.
22	A. (Indicating.) It's my jump.
23	Q. Great. We'll turn to that in a little

Now, other than the examination in

bit.

24

1	Aginsky
2	MR. BOLAND: Yeah, I heard it, but it
3	didn't sound like he was asking for the
4	conversation between Dr. Aginsky and us.
5	Is that right, Alex?
6	MR. SOUTHWELL: Right. That's why I
7	said not yet. I'm just asking if it occurred.
8	MR. BOLAND: Alex and I have been
9	pretty good about that. Neither one of us
10	have asked for the contents of conversations
11	between experts and witnesses, and I don't
12	expect him to do that here.
13	MR. ARGENTIERI: He's asking
14	Dr. Aginsky if he has offered any other
15	opinions other than what he has written or
16	provided in the declaration.
17	MR. BOLAND: And I understand. But
18	he's just asking if he's offered the opinion,
19	but not what they offer.
20	MR. ARGENTIERI: Oh, all right.
21	MR. SOUTHWELL: The answer can be
22	either "yes" or "no."
23	Q. The question, Dr. Aginsky, is have you
24	offered any opinions or findings to your client

other than what's in your June 2011 declaration.

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I have some difficulties to understand

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Q. Okay. Well, let me ask it to you in a different way. Do you have any other conclusions about the document that was presented to you for

inspection that you have not put in your June 2011

what opinions, what opinions or findings mean --

declaration?

Α.

- A. No, at the time when I prepared my declaration, I only evaluated the results that I obtained personally. So my declaration relates to only to my results. And because I have not done any other examination, therefore I couldn't render any other opinion based on my results.
- Q. I see. Have you been asked to review the results of any other experts in this case?
- A. No, review, I mean some thorough study.

 I have not reviewed any report prepared by any of
 the experts on both sides.
- Q. Have you seen any of the reports prepared by any of the experts on either side?
- A. Only what I've seen when I accidentally ran across some information on this case in the Internet.

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- Q. I see.

- A. And simply I've seen that there were reports. I'm not even sure that these are reports. But I saw names of Gerald LaPorte and Peter Tytell, I believe Larry Stewart. And I assumed that they prepared reports, but I have not reviewed their reports.
- Q. I see. Have you -- do you have any understanding about the conclusions of any of those other experts in the case? Let me ask it a different way.

Do you have any knowledge about what those conclusions or findings are by other experts in the case?

- A. As I said, I have not reviewed their reports, so I might -- what I've seen in the Internet, I have not reviewed it carefully.

 Therefore, no, it's better for me not to guess. I don't -- I don't have any -- I should say that I don't have any knowledge. I can only guess what their conclusions are.
- Q. I don't want you to guess. I'm trying to just understand whether you in fact have any knowledge which may have been obtained in any

1	Aginsky
2	number of ways, including reviewing the report, or
3	in other ways.
4	My question is do you have any
5	knowledge about what other experts have concluded
6	in this case.
7	A. No. Typically in a case I am asked to
8	review a report if I'm rebuttal witness, but in
9	this case I was not asked to review. And I
10	typically don't do any work if I am not being
11	paid.
12	Q. All right. I understand that. Okay.
13	Do you have any other findings related
14	to the documents that you were asked to examine at
15	this point?
16	A. I'm sorry, I didn't understand.
17	Q. Do you have any other findings
18	concerning the document you were asked to examine
19	at this point?
20	MR. ARGENTIERI: Other than what
21	he's
22	Q. Other than what's in your declaration,
23	correct.
24	A. No.
25	Q. Do you have any other opinions about

	rage 15
1	Aginsky
2	the document you were asked to examine other than
3	what's in your declaration?
4	A. No, based on my results, no, I have no
5	other opinions.
6	Q. Based on anything else, do you have any
7	other opinions?
8	A. If I am if I review anything else, I
9	will probably form an additional opinion based on
10	someone else results.
11	Q. I see. So you could potentially form
12	additional opinions if you reviewed others'
13	results, but you haven't to date done that. Is
14	that a fair assessment?
15	A. Yes, yes.
16	Q. You said, for instance, in your
17	interrogatory response that as of October 2011 you
18	were, in your words, unable to respond with
19	respect to the case. So does that does that
20	mean you were no longer involved in the case since
21	at least October 2011?
22	A. What I said I was unable to respond?
23	Q. Uh-huh.

document, I think that I was unable to respond by

If I remember correct my -- that

Α.

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1	Aginsky
2	a particular date because I had not been paid for
3	my time
4	Q. I see.
5	A prior to that date. So I was asked
6	to respond, but I said I will do it after I am
7	paid.
8	Q. I guess what I'm getting is were you
9	involved did you remain involved in the case in
10	any way after June of 2011 up until very recently
11	concerning this deposition.
12	A. Yes, the way I may be I don't
13	remember how many, not many, but there were some
14	discussions relating to this case, and there was
15	at least I believe it was one meeting with two
16	lawyers, two new lawyers, that were at that time
17	involved in the case.
18	Q. I see. Approximately when was that?
19	A. I don't remember. I think the one name
20	of the lawyer was Callahan.
21	MR. ARGENTIERI: Yeah, Robert Callahan
22	and Sanford Dumain.
23	A. Yes, Mr. Dumain, yes.
24	Q. And you met with them as plaintiff's

expert; correct?

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- 2 3 4 5 6
- I don't know which capacity I met Α. Yes. with them. But they came to me to my office to -so I would explain what I know about my results and about the field of ink analysis and dating in general.
- 7
- Q. And at that time you were an expert for the plaintiff?
- 9

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- Yes, that was my understanding, that I was still an expert.
- 10 11
- Right. And do you understand that 0. today you are an expert for the plaintiff?
- 12

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- Α. That's not my strength. I don't know judicial if I am still an expert. I know I have not been designated as an expert. So it means that -- I don't know what -- what my position is
- 16 17
- Q. Okay. Fair enough.
- 19

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- Let's just go back to when you were
- 20 21
- case. You had previously explained that that was

on November 24th, 2010. Do you recall who it is

first contacted for potential involvement in the

- 22
- 23 that contacted you?
- 24

25

I think the name of the lawyer was Α. David Grable from was it Crow Moran [phonetic]?

now.

1	Aginsky
2	It's a big firm. I don't remember which one.
3	Q. Fine.
4	And how did he contact you? By phone
5	or
6	A. Yes, he called me by phone, and he said
7	that I was referred to him by another lawyer from
8	that firm and I worked on a big case that was
9	previously.
10	Q. Was that the firm Connors & Vilardo?
11	Does that sound right?
12	A. No, that was oh, Quinn Emanuel.
13	Q. Right, Quinn Emanuel.
14	A. Yes.
15	Q. And you had worked with other lawyers
16	at Quinn Emanuel on another case?
17	A. Yes. I worked with Mr. Quinn or
18	Mrs. Diane Hutnyan on a case, MGA versus Mattel.
19	Q. And when you were first contacted, what
20	did you understand this case was about?
21	A. Which case?
22	Q. This case that we're talking about that
23	we're here for today.
24	A. I think I was retained to do a typical
25	task what I typically do to analyze a certain

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document to see whether it was prepared, was it as old as it purports to be, and whether there were any amendments or changes or page substitutions in the document.

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So this is almost every other case that I'm retained is similar task.

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Q. And in that initial conversation, did you discuss the possibility of conducting an examination? Was it as detailed as that in that initial discussion about your involvement?

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A. I think the only discussion that we had was on the first date -- on the first day when I did the examination. So my understanding was that day I was asked only to do some preliminary tests, nondestructive, physical, optical analysis. And at that time my understanding was that at a later time I will be taking samples and doing chemical analysis of the samples.

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Q. I guess what I'm trying to get at is you have told us that you were retained on January 13, 2011, and this contact was in November. I guess I'm trying to just get at whether -- so in that initial conversation in November, you were not actually retained.

1
Τ.

Was that more of an informational discussion?

A. Yes, I was just asked if I am available to do the analysis, and I -- it was a very general discussion, no specifics.

Q. And did you have an understanding of what the document at issue was based first just on that conversation in November of 2010?

 A. No, I don't remember if any words such as "contract" were mentioned. It's just a document that needs to be examined to determine whether it's as old as it purports to be.

Q. And were there any other conversations between that November conversation and then when you were in fact retained on January 13, I guess putting aside anything leading up to that meeting on January 13?

A. I don't remember any other conversations. It might be some other calls to schedule the meeting, but I don't remember if I ever talked to David Grable after that.

Q. As you said, you were then retained January 13, 2011. And I take it that was the same day there was in fact an examination conducted?

1	Aginsky
2	A. Yes.
3	Q. What did you understand were the
4	circumstances that led to you being actually
5	retained on that day?
6	A. I was given a signed retainer
7	agreement. It was signed by I believe
8	Mr. Connors.
9	Q. Mr. Connors?
10	A. Yes. And a retainer check, also signed
11	by him.
12	Q. Do you have any understanding about
13	why what the cause of the delay between
14	November 2010 and January 2011 is?
15	A. No.
16	Q. What specifically were you engaged to
17	do?
18	A. On January 13th?
19	Q. Yes.
20	A. I was given a two-page contract, "work
21	for hire" contract, and I was asked to examine
22	this two-page document by, as I said, using
23	nondestructive optical methods visual,
24	microscopic, and other optical methods to
25	determine whether I can see any discrepancies

1	Aginsky
2	between pages 1 and 2.
3	Q. And we'll come back to your actual
4	examination in a little bit. First with respect
5	to the agreement, does the agreement include a
6	provision regarding compensation for your
7	services?
8	A. Does my retainer agreement?
9	Q. The agreement covers your being paid;
10	correct?
11	A. Yes, it was a very it was a
12	different agreement, not what I typically use. It
13	was like confidentiality was involved there. I
14	don't remember any specifics that agreement would
15	say that I will be paid for sure for my work, but
16	I assume that I should.
17	Q. And what was your fee arrangement?
18	A. My the rate is 400 an hour, \$400 an
19	hour.
20	Q. And that's your understanding of your
21	arrangement in this case with the plaintiff?
22	A. Yes.
23	Q. Was there ever a suggestion you would
24	work on a contingency basis?

I never work on a contingency basis.

Α.

	Page 23
1	Aginsky
2	Q. Okay. So my question, though, is was
3	there a suggestion that you would do that in this
4	case.
5	MR. ARGENTIERI: Go ahead.
6	A. I think there was something like that,
7	but I I disagreed.
8	Q. I understand that you didn't agree to
9	that. I guess what I'm trying to understand is
10	what specifically was offered in terms of that.
11	A. What was offered to me?
12	Q. Yeah.
13	A. If I remember correctly, 5 percent.
14	Q. Of the recovery?
15	A. I don't know, of something, yes.
16	Q. And do you have anybody else working on
17	the project that would there would be rates
18	for, like an assistant or anything like that that
19	there would be an hourly rate for?
20	A. I'm sorry, I didn't understand.
21	Q. Do you have somebody else in your lab
22	that is part of your team for which there are
23	charges?

corporation, but it's a single-person corporation.

No, I work alone. I have a

Α.

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1	Aginsky
2	Q. I see.
3	And in your interrogatory responses you
4	had noted that you had not yet received payment
5	for outstanding invoices, at least as of December
6	2011. Have you since that time or at any point
7	have you received payment on those invoices?
8	A. Yes.
9	Q. Has plaintiff paid for all of your
10	outstanding fees at this point?
11	A. Yes.
12	Q. And you mentioned the 5 percent. Who
13	was it that made that offer to you?
14	A. The plaintiff.
15	Q. Mr. Ceglia?
16	A. Yes.
17	Q. And that was in the on the day that
18	the examination occurred, January 13
19	A. No.
20	Q 2011, or at a different time?
21	A. That was at some time before I have
22	before I was paid eventually the outstanding
23	amount, which I believe was around 5,000.
24	Q. So there was \$5,000 that was
25	outstanding you had not been paid for?

1	Aginsky
2	A. Yes.
3	Q. And what was the form of the
4	communication with plaintiff?
5	A. E-mail.
6	Q. By e-mail?
7	A. Yes.
8	Q. So he offered 5 percent of something.
9	Was it in lieu of the outstanding balance or
10	A. That's correct.
11	Q. And you don't recall what the 5 percent
12	was of?
13	A. Of something which frankly I don't
14	know what was it, but if it's my understanding
15	if it's if there is a particular sum of money
16	which is at stake, then probably 5 percent of
17	that.
18	Q. Right, if there's a recovery of a
19	certain amount, 5 percent of that. Is that your
20	understanding?
21	A. There's no way I'm guessing, because I
22	don't remember the context of that e-mail.
23	Q. Fine.
24	A. I just said that that's I never work
25	on that on a contingency basis.

1	Aginsky
2	Q. I understand. So you declined that
3	offer; is that right?
4	A. Yes.
5	Q. Do you recall anybody else on that
6	e-mail?
7	A. I'm sorry?
8	Q. Was there anybody else copied on that
9	communication?
10	A. No.
11	Q. Did you have any conversation with
12	anybody else about this offer that Mr. Argentieri
13	made Mr. Ceglia made to you, excuse me? I'm
14	sorry.
15	A. No, I didn't talk didn't discuss it.
16	Q. Thank you.
17	Are you aware that plaintiff has had at
18	least nine law firms represent him in this case?
19	A. No, I understand it's apparently more
20	than one, but I don't know how many.
21	Q. Right. So I want to just try to
22	understand which law firms that have since left
23	the case you have had some involvement with.
24	So I understand that your initial

conversation was with Mr. Grable of Quinn Emanuel.

I see.

Q.

	Page 28
1	Aginsky
2	Did you ever speak with a James Grable
3	at Connors & Vilardo, who is the brother of Dave
4	Grable, who I think you spoke to?
5	A. I might. I remember David, when he
6	called me, he mentioned the name of his brother.
7	But I don't remember whether he just mentioned his
8	name or he was on the phone in that at that
9	telephone conference call. He might be that.
10	Q. Now, in March of 2011, plaintiff got a
11	different law firm involved called Kasowitz,
12	Benson. Did any of those lawyers reach out to you
13	or were you in touch with any of them at that
14	time, Kasowitz, Benson?
15	A. I don't remember these names.
16	Q. A lawyer named Adam Marks or Michael
17	Schuster, do those names ring a bell?
18	A. No, I don't remember that.
19	Q. Aaron Marks?
20	(Discussion off the record.)
21	A. No, I don't remember his name.
22	Q. And when you did your declaration in
23	June of 2011, were you aware that the law firms

represented by two other law firms: DLA Piper and

had changed again and at that time plaintiff was

24

1	Aginsky
2	Lippes Mathias, L-I-P-P-E-S M-A-T-H-I-A-S?
3	A. No, I have not heard of those names.
4	Q. In the course of preparing your
5	declaration in 2011, did you interact with what
6	lawyers did you interact with, if any?
7	A. I don't remember was it still
8	Mr. Connors or was it Mr. Trippitelli.
9	Q. So Mr. Trippitelli's a lawyer at DLA
10	Piper, and I believe they were involved by June of
11	2011. So that would make sense if that's who you
12	dealt with, but it's what your recollection is.
13	A. I don't remember the name of the firm,
14	his name, Mr. Trippitelli.
15	Q. You remember his name?
16	A. Yes.
17	Q. So was that the lawyer you worked with
18	in the course of preparing your declaration in
19	June of 2011?
20	A. I'm not positive, but yes, probably.
21	Q. Do you remember the name Dennis Vacco
22	or Kevin Cross? Did you have any interaction with
23	those lawyers?
24	A. No.
25	Q. Did you have any interactions with

	rage 30
1	Aginsky
2	lawyers by the names of Kip Hall or Carrie Parikh
3	or John Allcock or Robert Brownlie?
4	A. None of them.
5	Q. Are you aware that after you submitted
6	your declaration in June of 2011, DLA Piper, the
7	law firm where Jerry Trippitelli was, withdrew
8	from the case and a lawyer named Jeff Lake stepped
9	in?
10	A. I remember the name Jeff Lake, I
11	remember.
12	Q. Did you have any interactions with
13	Mr. Lake?
14	A. If I remember correctly, he sent me an
15	e-mail to introduce himself, but I don't remember
16	if we ever spoke.
17	Q. Did you have any interactions about him
18	having you attend the document examinations in
19	July of 2011?
20	A. No, I don't remember if I ever
21	discussed it with him, no.
22	Q. Did you discuss that topic with any of
23	the lawyers for the plaintiff?

You said July?

July of 2011.

Α.

Q.

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- A. No, I think we only -- Mr. Argentieri and I, we discussed my possible involvement in the taking samples, but that was I believe in June.

 After that I don't remember if any discussions regarding the examination.
- Q. Do you have an understanding of why you did not take samples in this case?
- A. I remember I was not available on a particular date to come to Buffalo, and we discussed a different date. But what happened after that, I understand that someone else was involved, not me.
- Q. Did you ever interact with anyone named Nathan Shaman, S-H-A-M-A-N, Shaman or Shaman?
 - A. No.
- Q. Are you aware that later in the case in July of 2011 another law firm called Edelson McGuire got involved on the plaintiff's side?
 - A. I don't remember the name of the firm.
- Q. Did you have any interactions with lawyers by the name of Jay Edelson or Steve Teppler or Rafey Balabanian?
- 24 A. No.
- Q. I've mangled his last name but...

	Page 32
1	Aginsky
2	And then in early of 2012 another law
3	firm called Milberg came in, and I think you did
4	mention that you spoke with somebody at the
5	Milberg law firm, Sanford Dumain?
6	A. Yes.
7	Q. Did you speak with anybody else from
8	that law firm, such as Jennifer Young or Melissa
9	Clark?
10	A. No, I met with Mr. Dumain and
11	Mr. Callahan, and after that I have not spoken to
12	them.
13	Q. I see. And there was another lawyer
14	involved named Peter Skivington. Did you ever
15	interact with him?
16	A. No.
17	Q. Was it the Milberg firm or Mr. Dumain's
18	firm that paid your outstanding bills?
19	A. Yes.
20	Q. Did you meet in your offices in
21	Michigan
22	A. Yes.
23	Q with Messrs. Dumain and Callahan?
24	A. Yes.

And approximately when was that

Q.

1	Aginsky
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2 meeting?

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- A. I don't remember. For some reason it escaped from my memory. But it was for approximately two hours -- a three-our meeting, yes.
- Q. Well, the Milberg firm only entered into the case in March of 2011, so that would be this spring. If we're looking -- sorry, 2012. If we're looking back from the summer, was it during the summer months when you met with them or maybe more in the spring months that you met with them?
 - A. Of this year?
- 14 Q. Yes.
 - A. I think it was earlier than that, but it could not be this summer. It could be spring or before that. I apologize, but I don't remember. I have it in my -- I wrote it in my time log, so it is on my computer. But I don't have this information with me now.
 - Q. Fine. Could it have been in the winter of 2012 [sic]?
 - A. It could be, yes.
- Q. I'd like to put a blank in the transcript and ask you that you provide us with

1	Aginsky
2	the approximate date after today.
3	TO BE FURNISHED:
4	·
5	A. Yes, yes.
6	Q. Could you do that?
7	A. I remember they flew to Detroit; they
8	came to my office. I remember those particulars,
9	but I don't remember when it was. It was not
10	snowing, because otherwise they will not be
11	driving.
12	Q. Yes.
13	Were you asked to do anything further
14	by way of examination in the case based on that
15	meeting?
16	A. At that meeting I still was thinking I
17	would be involved in the case, based on our
18	conversation. Apparently I was misled by my own
19	thought.
20	Q. Did you believe that you were not any
21	longer involved in the case? I mean, did there
22	come a time that you believed you were not any
23	longer involved in the case?
24	A. The longer it lasted, the more I were
25	thinking that it's too late for me to be involved.

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1	Aginsky
2	Especially it was my understanding that the
3	samples had been taken already and whoever did the
4	examination, they already did it. So it's too
5	late.
6	Q. So it was the absence of contact that
7	led you to that conclusion that you were not going
8	to be involved rather than anybody saying that to
9	you or giving you some definitive confirmation.
10	Is that fair to say?
11	A. Yes.
12	MR. ARGENTIERI: I guess objection to
13	form.
14	Go ahead.
15	A. Nobody definitively told me I would not
16	be designated as an expert.
17	Q. Have you ever met or spoken with
18	somebody named Jason Holmberg?
19	A. I don't remember the name.
20	Q. And you mentioned that your thinking
21	was that it was too late for you to be involved
22	MR. SOUTHWELL: Let's go off the record
23	a minute.
24	THE VIDEOGRAPHER: Off the record 11
25	a.m.

1	Aginsky
2	(Pause due to telephone disconnection.)
3	MR. SOUTHWELL: Mr. Aginsky, I see you
4	brought your VSC images. I would just ask
5	that if you can provide those images and we
6	make a copy of them. Thank you very much.
7	MR. ARGENTIERI: Do you want to mark
8	that or
9	MR. SOUTHWELL: No, I mean, he's just
10	giving he's just producing them as part of
11	the record. If we need to, we'll mark them.
12	MR. ARGENTIERI: I don't know. I mean,
13	usually I don't know. You've given him
14	something
15	MR. SOUTHWELL: Yeah, it's part of the
16	prior production.
17	(Recess taken from 11:00 to 11:07.)
18	THE VIDEOGRAPHER: Back on the record
19	11:07 a.m.
20	Q. Dr. Aginsky, I don't recall exactly
21	where we were, but let me just move on to a
22	different question here.
23	You did say that you have met with Paul
24	Ceglia or rather met or spoke with him on two

occasions. Are those the only two occasions?

1	Aginsky
2	There are only two occasions; is that right?
3	A. Yes, once in person and the other one
4	on the phone.
5	Q. And the once in person, that was
6	January 13th, 2011; and the once on the phone was
7	about three weeks ago; correct?
8	A. Yes.
9	Q. Have you ever spoken with Mr. Ceglia's
10	parents, Carmine or Vera Ceglia?
11	A. No.
12	Q. How about his brother, Brendan?
13	A. No.
14	Q. And in those conversations did
15	Mr. Ceglia well, strike that.
16	Are you aware that plaintiff has
17	retained other document examiners? You've
18	mentioned some of them, so you're certainly at
19	least aware of them.
20	Let me I guess ask you the more
21	specific question: Are you aware that John Paul
22	Osborn is involved was involved in this case?
23	A. Yes, I actually I recommended him.
24	Q. And what did you recommend him for?

I was asked if I know any qualified

1	Aginsky
2	document examiner, specifically close to the in
3	New York area. And I mentioned I said there
4	are several that for example, John Paul Osborn
5	and Peter Tytell.
6	Q. When you say "qualified document
7	examiner," what is your understanding of that role
8	that you're recommending people for?
9	A. That's people who are known in the
10	profession and have very good reputation.
11	Q. And specifically we're not talking
12	about chemists for sort of chemistry-like testing
13	but for other types of document examination; is
14	that right?
15	A. Yes, yes. There are other people also
16	in that area which are also very well qualified,
17	but I just mentioned the two which are very
18	well-known.
19	Q. Do you know what Mr. Osborn was

A. Typically it's a forensic document examination that involves handwriting analysis, impression, examination, and some other examinations to compare -- like in this case to compare multipage documents to see whether there

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retained to do?

1	Aginsky
2	is any page substitution.
3	Q. Do you know anything about Mr. Osborn's
4	current involvement, whether he is still involved
5	in the case?
6	A. I am not aware of that.
7	Q. Are you aware that plaintiff has also
8	retained more recently Erich Speckin, Larry
9	Stewart, and Jim Blanco as document examiners?
10	A. I've seen their names on the Internet,
11	yes.
12	Q. Are you aware plaintiffs have retained
13	other experts like Mr. Tytell and Jerry LaPorte?
L 4	A. I have seen the names Al Lyter and Gus
15	Lesnevich and Professor Romano, yes.
16	Q. But are you also aware that Mr. Tytell
17	and Mr. LaPorte have been retained by the
18	defendants?
19	A. Yes.
20	Q. And with respect to Mr. Speckin, you
21	know him; correct?
22	A. Yes.
23	Q. You've opposed him in other cases; is
24	that right?

That's correct.

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	rage 40
1	Aginsky
2	Q. One of those cases was the 2001 Wang
3	Wheel case in Hong Kong; right?
4	A. Yes.
5	Q. What was that case about?
6	A. It was a probate with approximately 5
7	billion at stake, and Mr. Speckin was retained by
8	the plaintiff and his he testified that the
9	document was backdated, was a backdated fraud, and
10	I was a rebuttal witness.
11	And I testified that his methodology
12	was not good enough to make any conclusion like
13	that, just in two words, actually. It was a
14	long long testimony, so my cross-examination
15	was for eight days.
16	Q. Wow.
17	A. Many technical questions were discussed
18	in that case, and eventually the judge rejected
19	his opinion, Mr. Speckin's opinion.
20	Q. Are there any other cases that you have
21	opposed Mr. Speckin on?
22	A. Yes.
23	Q. Do you recall the names or

The most recent case was in New York.

circumstances?

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Aginsky

- I don't remember the name of the plaintiff.

 Rezende, I believe. And I was retained by

 Citigroup. I know that I or my client won the

 case.
 - But I didn't testify at trial; I testified at deposition. And after that the plaintiff withdrew that portion of Mr. Speckin's testimony that related to ink-aging analysis. So he only testified on something that didn't relate to ink analysis and dating. And as I said, I don't know how much was value was put by the judge. Mr. Speckin's client lost the case.
 - Q. Do you recall other cases when you have been on the other side of Mr. Speckin?
 - A. There were a number of cases. Would you like me to try to recall each of them?
 - Q. If you can.
 - A. I wish I could bring the list of cases. That would be easier. It was a recent -- another recent case, actually two recent cases. Both were settled after I submitted -- in one case it was an affidavit that didn't support Mr. Speckin's results. And that was a case in which Gerald LaPorte also was involved; and Gerald LaPorte and

1	Aginsky
2	I were on the same side, and Mr. Speckin was on
3	the other side.
4	MR. ARGENTIERI: You don't remember the
5	name of the case, Doctor?
6	THE WITNESS: I don't remember the
7	name. I have a list of cases, but I will have
8	to
9	MR. ARGENTIERI: You don't know where
10	it was located?
11	THE WITNESS: I think it's in Florida,
12	in Florida, and it was the client was it
13	was a company from Central America, I believe.
14	Q. Are there any other cases that you had
15	with Mr. Speckin that jump out at you that are
16	more significant, perhaps, than others? Maybe
17	that's an easier way. I don't need you to list
18	them all but for others that are that stand out
19	to you.
20	A. There was one case in which I know that
21	he wrote on his Web site he mentioned this case
22	on his Web site, and he lists me there as an
23	unsuccessful expert, meaning that the challenge
24	was not successful to prevent him from testifying.

And that was one of the earlier cases.

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Aginsky

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I came to the United States in December of 2000, and that was a case in 2002 in Chicago, Yehuda Draiman. Draiman versus Draiman might be, but one of the names was there.

It was a Frye challenge. I testified at the Frye hearing. The judge initially allowed him -- allowed Mr. Speckin to testify at trial, but immediately after the Frye hearing the Hong Kong decision was published.

And after the lawyers now aside submitted a motion and attached that Hong Kong decision, the judge canceled trial and ruled in the favor of our client.

- Now, how about Mr. Stewart, have you Q. been involved in cases with him?
- Α. Yes, I remember one case in San Francisco. One of the names was Plant Installation, approximately around 2005, plus/minus one year, or 2006, plus/minus one year. It was a multimillion case. It's my understanding that the client that retained me won the case, but I have never seen the judgment.
- Q. Are there any other cases that you were involved with with Mr. Stewart that stand out to

	rage 44
1	Aginsky
2	you?
3	A. There was another case in California,
4	but it either didn't come to trial or it was
5	settled. I don't remember. I didn't testify at
6	trial.
7	Q. How about Jim Blanco, are you familiar
8	with him?
9	A. I only had his name, but I don't know
10	him.
11	Q. So you've never been in a case in which
12	he's been involved, to your knowledge?
13	A. No.
14	Q. And you testified earlier that you had
15	understood that sampling had occurred. Did you
16	also have the understanding that plaintiff's other
17	experts have in fact tested the ink in this case?
18	A. Yes, I think that because the samples
19	were taken, and there were at least two ink
20	chemists on the defendants' side and one ink
21	chemist on the plaintiff side, other than the
22	then yes, it's my understanding the chemical
23	analysis should have been done.

about it being done? I'm trying to get at whether

Do you have any specific information

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Aginsky

you actually have a specific knowledge about it
being done versus your assuming it was done
because of the nature of the experts.

- A. Yes, during that telephone conference three weeks ago, I was asked if I can comment on one of Gerald LaPorte's results relating to the ink-aging methodology that he applied in this case, and I said that I can only generally comment on that because I have not reviewed his report.
- Q. I see. And what was your general comment about his analysis?
- A. I was asked regarding the capabilities of the method that Gerald LaPorte used, and I said first of all I don't know which method he used. I assume that he probably used ink-aging method which is called solvent loss ratio method.
- Q. Let me come back to this, because I will -- I do want to ask you some more specific questions about this.

You mentioned an ink chemist other than you on the plaintiff's side. Who is that that you're thinking of?

- A. Larry Stewart.
- Q. Do you consider him an ink chemist?

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A. I think he is saying that he's both an ink chemist and a writing expert. I'm not sure about his qualifications as a handwriting expert. But because at some point in time he was laboratory director at U.S. Secret Service.

In other words, I don't know what's his background, whether he's a good chemist, but he has some publications relating to ink chemistry.

Therefore I assume that he is.

Q. Are you aware that Mr. Stewart was tasked with sort of oversight of the forensic document examinations by plaintiff's experts?

MR. ARGENTIERI: Well, I have to I guess put an objection in. It sounds -- when you ask that type of question in that form it presumes that that would be like an attorney-client direction, I would think, the way you're phrasing it, Larry Stewart being the --

MR. SOUTHWELL: It's stated in his report.

MR. ARGENTIERI: He hasn't read the report, he testified.

MR. SOUTHWELL: All right. If

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1	Aginsky
2	Mr. Stewart is stating it in his report, then
3	it is not some sort of privileged knowledge or
4	information. What I'm asking is simply about
5	that fact. I will just remind you,
6	Mr. Argentieri
7	MR. ARGENTIERI: I don't mind if you
8	ask it that way.
9	MR. SOUTHWELL: I remind you of the
10	judge's instruction to not put speaking
11	objections on the record. The judge was clear
12	about that.
13	MR. ARGENTIERI: Oh, okay.
14	MR. SOUTHWELL: Okay?
15	MR. ARGENTIERI: Yeah, sure.
16	Q. Do you have any knowledge about
17	Mr. Stewart and whether he had a role in
18	overseeing the forensic document examinations by
19	plaintiff's experts?
20	A. If you could you maybe break it down
21	for me. Because English is my second language,
22	sometimes I have difficulties to understand.
23	Q. No problem, no problem.
24	Did you ever speak to Mr. Stewart about
25	the evamination in this case?

	rage 40
1	Aginsky
2	A. Actually we spoke once.
3	Q. Approximately go ahead.
4	A. It was before taking samples in
5	Buffalo. He called me and said that he's going to
6	be there. And as he said, it was my it was his
7	understanding that I should be there too. And he

so we had enough.

So at that point I said that I don't think it's a good idea for two experts on the same side to take samples and split them because we don't have enough. But that's the only conversation that we had.

said how many samples do you think we should take

- Did you talk to him about testing Q. volatile chemicals -- volatile components or phenoxyethanol in ink?
- No, we didn't discuss any specific test Α. that anybody is going to take, but he knows that I would -- if I would take samples I would do the analysis based on the analysis of all the components, for ink aging, to determine the age of ink.
- Do you have an understanding about what Q. Mr. Speckin sampled and for what purpose he

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1	Aginsky
2	sampled the document?
3	A. No. I only can guess, but I don't have
4	any knowledge whether even Mr. Speckin took any
5	samples. I've seen in the Internet I've seen I
6	think in the declaration of Dr. Lyter he mentions
7	Speckin. That's how I knew about Speckin being
8	involved in the case. But I don't know whether he
9	took samples and analyzed them.
10	Q. Earlier you were talking about
11	Mr. LaPorte's ink testing, and we'll come back to
12	that.
13	Do you have any understanding of
L 4	whether any of plaintiff's experts did ink
15	testing?
16	A. No, I assumed that if any of them took
17	samples and again it's my guess it could be
18	Larry Stewart. So if he took samples, he probably
19	analyzed them chemically.
20	Q. But you don't have any specific
21	knowledge about that?
22	A. No.
23	Q. Now, I understand you've at least seen
24	some things about the case on the Internet. Have

you generally kept up with the news in the case?

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Aginsky

A. No, it's because I have been busy with other cases. It's only when I accidentally came across something or also there was some specific interest, because I recently had a case in which I testified in San Francisco area, and the other side expert was Dr. Lyter.

So I wanted to know more about his involvement in this case, maybe what he said regarding the ink-aging methodology, because he used the ink-aging methodology in this case in the case in San Francisco and I also. So we both testified, and the case is old now.

Other than that, I didn't do any specific searches in the Internet regarding this case.

- Q. Do you understand that Mr. Ceglia, who's the plaintiff, has filed a lawsuit in 2010 claiming an 84 percent ownership interest in Facebook based on this purported contract of "work for hire" document that he claims he had with Mr. Zuckerberg? Do you understand that?
- A. Yes, generally I understood that Mr. Ceglia -- I didn't know the specific 84 percent, but -- my answer is yes.

	Page 51
1	Aginsky
2	Q. Are you aware the purported date on
3	that purported contract is April 28, 2003?
4	A. Yes.
5	Q. And what we're talking about, the "work
6	for hire" document, as we call it, is a two-page
7	document with purported handwriting with an
8	interlineation and initials on page 1 and
9	signatures and dates on page 2; right?
10	A. Yes.
11	Q. Are you aware that it's defendants'
12	position that Paul Ceglia's purported contract,
13	this "work for hire" document, is a recently
14	created forgery, fabricated for the purposes of
15	bringing a lawsuit?
16	A. That's specifically how you
17	formulated it now, yes, as of now I understand
18	that this is the defendants' position.
19	Q. Are you aware that Facebook and Mark
20	Zuckerberg have moved to dismiss the case as a
21	fraud on the court?
22	A. That's a very that's beyond my area
23	of expertise, so I don't know the meaning of that.
24	Q. Are you aware that the defendants have

moved to dismiss the case?

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1	Aginsky
2	A. Dismiss means stop the case?
3	Q. Uh-huh.
4	A. Yeah, I think I've seen something like
5	that in the Internet.
6	Q. Now, just to turn back to your June
7	2011 sworn declaration, do you recall that that
8	was in support of plaintiff's cross-motion for
9	expedited discovery?
10	MR. ARGENTIERI: Objection to form.
11	You can answer.
12	A. I remember these words, "expedited
13	discovery," yes.
14	Q. Were you aware that the defendants had
15	moved the court for an order allowing them to
16	examine this physical purported contract?
17	A. Yes.
18	Q. And then the plaintiff had also sought
19	expedited discovery at the same time, and your
20	declaration was submitted in support of that?
21	MR. ARGENTIERI: Objection as to form.
22	You can answer.
23	A. Yes, I believe I knew about that.
24	Q. Are you aware that the court granted
25	defendants' motion permitting defendants to

1	Aginsky
2	examine Ceglia's physical purported contract?
3	A. I haven't seen the judgment because, as
4	I said, all information I know is what I
5	accidentally saw in the Internet. But yes,
6	apparently it was granted because it was later
7	examined.
8	Q. Are you aware that as part of that
9	submission Mark Zuckerberg submitted a sworn
10	declaration stating that he never signed the "work
11	for hire" document?
12	MR. ARGENTIERI: Objection as to form.
13	You can answer.
14	A. I'm not aware about the specific
15	declaration, no.
16	Q. And I think, as you've just testified,
17	you're aware that as part of the court ordering
18	the examination the court ordered that the parties
19	be permitted to conduct physical sampling of the
20	document for purposes of chemical testing? You
21	understand generally that is what was going on?
22	MR. ARGENTIERI: Objection to form.
23	You can answer.
24	A. Yes.
25	Q. Are you aware that in July and August

1	Aginsky
2	of 2011 both parties' experts took physical
3	examples of the ink, paper, and toner from the
4	purported "work for hire" document?
5	A. That's what I read in Dr. Lyter
6	declaration that I saw on the Internet.
7	Q. Are you also aware that among other
8	tests defendants' expert Mr. LaPorte conducted
9	GC/MS analysis of the ink on the "work for hire"
10	document?
11	MR. ARGENTIERI: Objection as to form.
12	You can answer.
13	A. Yes, because I had this question about
14	his results three weeks ago, then, yes, it's my
15	understanding that Gerald LaPorte had done this
16	examination.
17	Q. Are you aware that Mr. LaPorte
18	discovered a sufficiently high quantity of
19	2-phenoxyethanol to analyze using the solvent loss
20	ratio method?
21	MR. ARGENTIERI: Objection as to form.
22	Answer.
23	A. I'm not aware about that. I can assume
24	that the level of phenoxyethanol should be
25	sufficient in order to use the technology, the

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Aginsky

2 method.

Q. Are you aware, based on his analysis,
Mr. LaPorte determines that it was highly probable
that the interlineation on page 2 -- sorry, the
interlineation on page 1 of the purported "work
for hire" document was created within two years of
the date of testing, which was in August of 2011?

MR. ARGENTIERI: Objection as to form.

You can answer.

- A. I have not read about this, but this was my understanding, that that was Mr. LaPorte's conclusion based on what I heard during our telephone conference three weeks ago.
- Q. Now, in response to Mr. LaPorte's conclusion, are you aware that plaintiff has attacked Mr. LaPorte and the validity of his PE testing?

MR. ARGENTIERI: Objection as to form.

- A. Again, I've seen in the Internet -- it looks like I've seen a lot on the Internet -- that there was a kind of -- I don't know whether it's motion or another type of documents mentioning that the methodology is not valid.
 - Q. So you're aware that plaintiff has

1	Aginsky
2	attacked the validity of PE testing itself as a
3	method to date ink?
4	MR. ARGENTIERI: Objection as to form.
5	A. Yes.
6	Q. Are you aware that in fact plaintiff is
7	attacking the very scientific principles on which
8	PE testing is based?
9	MR. ARGENTIERI: Objection as to form.
10	A. I'm not aware of that.
11	Q. Are you aware that as part of the
12	attack plaintiff's attorney, Dean Boland,
13	challenged the validity of PE testing at a court
14	hearing held before the judge in this case on
15	April 4th, 2012?
16	MR. ARGENTIERI: Objection as to form.
17	I'm going to expand my objection a little bit.
18	How he answered the last question, you've
19	asked a supplemental question, and it assumes
20	that he answered the first the question
21	before that in the affirmative.
22	MR. SOUTHWELL: I don't think it does.
23	Q. But you can answers.
24	A. I'm not aware of that.
25	Q. So you're not aware that in this court

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Aginsky

hearing in April of 2012 Mr. Boland said that PE testing is, quote, junk science, and, quote, has absolutely no reliability behind it?

MR. ARGENTIERI: Objection.

- A. I -- I haven't heard about that. I hear about that for the first time today.
- Q. So I take it you're also not aware that Mr. Boland's told the court on that date in that hearing that PE testing is, quote, not even as reliable as astrology?

MR. ARGENTIERI: I have to object. Objection.

- A. No, I have not heard about that now.
- Q. I take it you're also not aware that in that same oral argument, in response to our observation that you, one of Mr. Ceglia's own experts, have published scholarly articles about this very method, Mr. Boland said, quote,
 Dr. Aginsky is an expert who took a photograph of this contract, offered some information about nondestructive testing of the ink. He was not hired, will never be hired to talk in this case about PE testing, close quote?

MR. ARGENTIERI: Objection to form.

1	Aginsky
2	A. Never heard about that.
3	Q. You did testify, though, that you're
4	aware of a motion I think you referred to it as
5	a motion to strike that plaintiff submitted
6	challenging Mr. LaPorte and the validity of PE
7	testing?
8	MR. ARGENTIERI: Objection. I don't
9	think he's ever said motion to strike.
10	A. I have not seen such a document. I'm
11	not aware about that.
12	Q. You testified that you had seen some
13	motion challenging Mr. LaPorte, I guess is
14	maybe what was the word that you used?
15	A. I think the only document that I have
16	seen in the Internet that mentioning the
17	methodology ink-aging methodology used in this
18	case, the specific phrase that I saw was that this
19	method has never survived a Dalbert challenge.
20	That's the document that I that I've seen.
21	MR. SOUTHWELL: May I have just a
22	moment.
23	(Pause.)
24	MR. SOUTHWELL: If I could have this
25	marked, please, as Defendants' 42. Thank you.

1	Aginsky
2	(Defendants' Exhibit 42, motion to
3	strike declaration of LaPorte, marked for
4	identification.)
5	Q. Dr. Aginsky, I'm showing you what's now
6	been marked as Defendants' 42, which is document
7	Number 386 in this litigation, a motion to strike
8	declaration report of Gerald LaPorte for fraud
9	filed on May 24th, 2012.
10	I'm trying to ascertain if this is what
11	you're referring to you saw, and I want to direct
12	your attention to the middle sorry, to page 3
13	to the middle of the paragraph at the bottom of
14	page 3. Could you just review that, please?
15	A. The second portion of page 3?
16	Q. Yes yeah, I guess
17	MR. ARGENTIERI: Starts with
18	"background"?
19	Q. Yeah, background, sort of halfway
20	through that there's
21	MR. ARGENTIERI: Report submission,
22	that one?
23	MR. SOUTHWELL: Yeah.
24	MR. ARGENTIERI: I just want to put on
25	the record that just a generalized

1	Aginsky
2	objection that obviously the witness has the
3	opportunity to look at the full document
4	rather than looking at just one or two
5	sentences so
6	MR. SOUTHWELL: Of course, if he would
7	like.
8	MR. ARGENTIERI: And I think you have a
9	question. Isn't there a standing question now
10	or no?
11	MR. SOUTHWELL: I've just asked him to
12	review it. I'm trying to ascertain whether
13	this is the document he's referring to.
14	A. On page 3.
15	Q. So on page 3 where it begins sort of
16	halfway down the bottom paragraph on page 3,
17	LaPorte's PE test is a variation of a test
18	originally developed by Valery Aginsky in 1997.
19	Aginsky's version of a PE test had never been
20	admitted over a Dalbert objection in any court in
21	the United States. Aginsky's version of a PE test
22	had never been used in casework by any government
23	agency.
24	In short, Aginsky's 1997 PE test scheme

has never satisfied any court much less the other

1	Aginsky
2	experts in Aginsky's field of its validity or
3	reliability. Although Aginsky performed
4	nondestructive testing on the document for
5	plaintiff more than a year ago, he was never hired
6	to perform any other testing by plaintiff.
7	Do you see that? Is this the portion
8	that you mentioned you had seen?
9	A. No, that's a completely different
10	document. I have never seen it.
11	Q. Did you understand, based on your
12	conversation with counsel, that this is
13	plaintiff's view about your PE test scheme?
14	MR. ARGENTIERI: What view? Objection.
15	What view? The whole motion to strike or what
16	he just read or
17	MR. SOUTHWELL: Yeah, what we just
18	read.
19	MR. ARGENTIERI: I'm going to put an
20	objection. It assumes facts not in evidence
21	with him but otherwise
22	Do you understand his question, Doctor?
23	THE WITNESS: No.
24	Would you like me to comment on that?
25	Q. I guess I'm trying to understand if

1	Aginsky
2	you this is a motion filed by plaintiff. You
3	are an expert for the plaintiff. I'm trying to
4	understand what your understanding is about
5	plaintiff's view of your testing methodology.
6	A. I think initially when we discussed my
7	possible involvement in the case we discussed
8	that
9	MR. ARGENTIERI: Hang on, Doctor.
10	If you're going to get into attorney-
11	client conversations, then I would object as
12	attorney work product.
13	You're asking what his general view of
14	our position in the case?
15	MR. SOUTHWELL: I'm not calling for any
16	attorney-client. You can keep receiving your
17	messages from Mr. Boland on your phone.
18	MR. ARGENTIERI: He's giving me
19	different messages but you went to the
20	motion to strike. Now we're off that. Now
21	you want to ask him
22	MR. SOUTHWELL: Now you're just
23	interrupting at this point, Mr. Argentieri. I
24	ask that you cease interrupting and allow the

witness to answer the question.

	Luge 03
1	Aginsky
2	MR. ARGENTIERI: What's the question
3	again?
4	Q. Go ahead.
5	A. So generally we didn't I am not
6	saying about any specifics of the discussion. But
7	generally we discussed my possible involvement in
8	the case as an ink-aging specialist. And at that
9	point it was my understanding that I will be using
10	the test that are based on the analysis of PE.
11	It's actually there are two tests, and
12	I don't know whether Gerald LaPorte used both or
13	just one of them. But I am the author of two
14	tests. One is called sequential obstruction
15	technique, and the other is called solvent loss
16	ratio method.
17	They both analyze PE, but they
18	analyze they measure two different ink-aging
19	parameters that change as ink ages on paper. And
20	both methods has been published in peer-reviewed
21	journals. There has never been criticized as junk
22	science in scientific literature.
23	The method assuming that Gerald

LaPorte used the solvent loss ratio method in this

case, that specific method has been reproduced and

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Aginsky

used for more than ten years by Canada Border

Services Agency, which is a government lab similar

to FBI lab in the United States. And they

still -- they are using this method now. So they

applied it to cases, to criminal cases, in Canada.

I know that the method was used by the

I know that the method was used by the U.S. Secret Service. I don't know what was the scope of use of that method. That was at the time when Gerald LaPorte was with the U.S. Secret Service.

But it's better to ask him what was the scope of use of that method. I don't know. I simply remember that they used it because there was a conference in Baltimore somewhere around 2005 of the American Society of Questioned Document Examiners.

And the question was -- someone did a presentation from FBI, and the question from the audience: When you have ink-aging -- ink-dating cases do you do these cases. And they said, No, we refer these cases to U.S. Secret Service, and they do it for us.

And LaPorte, Gerald LaPorte, was there, and he answered that question. He stood up, and

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Aginsky

he said that we are doing cases, ink-aging cases,
and we -- specifically what he said, like we're
close to adopt or something like, with these
words, Valery Aginsky's methodology.

So that's -- this is how I knew about U.S. Secret Service, whether they use it or not.

But other than that, because that's a very specific technology, quite complex, it only can be used by a large laboratory that has necessary equipment or it could be used by people who were trained and then started working in the private sector.

So that's why there are only a few people in the world that can -- that are proficient to do it. So that's regarding the solvent loss ratio method.

Then also a version of this method which is called thermal desorption, the use of thermal desorption analysis for ink aging, that's a version of solvent loss ratio method. It was developed by three Ph.D. chemists from Germany, and their names are Jürgen Bügler, Buchner, and Dallmayer. And there are other people also.

There is a doctor Jan -- from Sweden, Andrasko.

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Aginsky

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In other words, also there are some work in China. They also did -- I'm not sure if they used the solvent loss method, but they wanted to monitor the loss of PE in ballpoint inks. used that for determining the approximate age of ink on a document there.

In other words, there is -- there is interest in different countries to these methods. People are at different level of proficiency. Therefore I cannot say that everybody in each country can use it at the same level of proficiency, if we're talking about solvent loss ratio method.

But as for me, I use both. I use sequential construction technique, S-C-T, SCT, and solvent loss ratio method together. I usually use them together. And I have testified in a number of cases.

And the last case in which I testified, I mentioned it previously where Dr. Lyter was on the other side. We both used the ink-aging methodology there. The judge preferred my testimony. The judge said that my science is more rigorous. But that related to both ink aging and

1	Aginsky
2	comparison ink in ink analysis.
3	So in short, I would say that the
4	methodology, if it's done correctly if it's
5	done incorrectly, then of course it is not good.
6	But if it's done correctly, then it's far from
7	being junk science.
8	It's a reliable method which has been
9	published in peer-reviewed peer-reviewed
10	journals, has been tested, has never been
11	criticized as a junk science. I mean, there are
12	different views of peers. In every scientific
13	area, we have different views. But that's as
14	for the Dalbert, I agree that it has never been
15	challenged, but never been challenged doesn't mean
16	that it never survived. That's a different
17	meaning.
18	So that might be a longer than
19	necessary, but that's my answer.
20	Q. That's fine. And as you said, you have
21	in fact been qualified by courts as an expert and
22	offered opinion testimony about ink dating;
23	correct?
24	MR. ARGENTIERI: Objection to form.

Yes. I have never been disqualified,

A.

1	Aginsky
2	so each time I testified, I was qualified as an
3	ink chemist.
4	Q. And related specifically to the methods
5	you've just talked about that would assist you in
6	rendering conclusions about the dating of inks?
7	MR. ARGENTIERI: Objection as to form.
8	A. At least every other case that I
9	testified involved involved the ink-aging
10	analysis, based on the analysis of PE.
11	MR. SOUTHWELL: If I may have just a
12	minute.
13	(Pause.)
14	Q. Do you know roughly how many cases you
15	have testified in related to ink-dating analysis?
16	A. In my career or
17	Q. Yeah.
18	A. Because there are two stages of my
19	life
20	Q. I understand.
21	A before I moved to the United States
22	and later.
23	Q. I understand.
24	A. Before I moved to the U.S., when I
25	worked for the government lab in Russia, for the

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Aginsky

former Soviet Union, and Russia, it was a completely different system, law system. So we didn't testify in court, and we prepared reports, very detailed reports, in lieu of live testimony, under the penalty of perjury. And those reports were used in court.

So I prepared overall like between 500 and 600 reports for court. Difficult to say, at least half of them related to ink-aging analysis. So that would be like roughly 300 court testimony, but I didn't testify in all.

- Q. I understand.
- A. After -- actually even before after perestroika, we started giving evidence in court and I testified in Russia several times on ink-aging analysis.

After I moved to the United States, I testified in the U.S. and abroad, in Canada and Hong Kong -- actually, there was a recent case in Poland. The amount of cases what relates to ink-aging analysis is more than ten, but I don't remember how many.

Q. And in none of those ten you have been challenged or not allowed to testify; is that

1	Aginsky
2	right?
3	A. That's right.
4	Q. Dr. Aginsky, are you aware that there
5	has been some controversy regarding the condition
6	in which the document was presented to defendants
7	pursuant to the court-ordered inspection on July
8	14th? Are you aware of that?
9	MR. ARGENTIERI: Objection as to form.
10	Objection to "controversy."
11	A. If you mean the appearance of the of
12	the paper and the ink, yes.
13	Q. Now, I guess actually let's take a step
14	back first. Have you ever heard of someone doing
15	something to try to artificially age ink on a
16	document?
17	A. Generally?
18	Q. Yeah.
19	A. Yes.
20	Q. Like what?
21	A. I have examined many cases in my career
22	in which people have tried to artificially age
23	documents using many many things like from
24	direct sunlight to use an iron, a hot iron, or
25	hair blower.

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Aginsky

Sometimes I receive or many times I receive a call from a potential client, if I can call them this, and they would start asking me questions which I would say I'm not discussing this. But they would say what happened to the document if I put it in the trunk of my car in the middle of the Sahara Desert or if I put it in the freezer, something like that.

But yes, there is -- there have been many cases, relatively many cases, in which documents -- the documents that I examined were artificially aged, and some of the cases I was able to determine that the documents had been aged artificially.

- Q. Did questions like those come up in this case?
- A. No, my involvement -- my involvement was only on that January 13 examination. At that time, no, I don't remember anything like that.
- Q. And why would someone do something like this, put it in the sun or use a hot iron? What would that do?

MR. ARGENTIERI: Objection as to form.
You can answer.

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Aginsky

A. The aging process is a chemical process which can be accelerated by using elevated temperature. So any chemical reaction is temperature dependent. That's why we use refrigerators to stop or slow down deterioration in food. So same -- same goes in ink.

refrigerator, then the document will look younger than it purports to be at a certain point in time. Or if we use an elevated temperature -- it could be direct sunlight or it could be an oven or something like that -- then we will accelerate the age of the ink and the purpose to make the ink look older than it purports to be.

- Q. Or I guess to make it look older than it in fact is?
- A. Yes. I'm sorry, yes. That's -- in other words, if the task is to prepare a document that should look older and backdated, then, yes, that's what people try to use to accelerate the age of ink, by applying ink.
- Q. Are you familiar with sort of popular news accounts or literature that talk about this, that this is possible to do; right?

1	Aginsky			
2	MR. ARGENTIERI: Objection as to form.			
3	Do you understand his question?			
4	A. Are you asking me about scientific			
5	literature?			
6	Q. No, I guess, let me rephrase it. You			
7	mentioned that there are a variety of things that			
8	someone might do to artificially age a document to			
9	make it look older than it in fact is. And my			
10	question to you is are you aware of those ways			
11	being reported in, for example, popular news			
12	accounts or being the information being out			
13	there and available.			
14	MR. ARGENTIERI: Objection to form.			
15	A. Yes, it was not available, easily			
16	available, at the time when I when I worked			
17	when I mentioned for the government of Russia.			
18	Q. Right.			
19	A. But now no, that's what I mean. The			
20	Internet was not that that was now we can			
21	easily get this information from the Internet, and			
22	it will take maybe two minutes to find out.			
23	Q. Okay. You may remember from our			
24	interrogatories to you that we provided you with			

an image of the "work for hire" document that

1	Aginsky
2	appeared to have faded and discolored ink and that
3	we asked you some questions about the appearance
4	of the ink when you saw the document and whether
5	the images we provided reflected the appearance
6	when you saw that.
7	Do you remember that?
8	MR. ARGENTIERI: Objection to the form.
9	A. Yes.
10	(Pause due to telephone disconnection.)
11	Q. So, Dr. Aginsky, we asked you some
12	questions about this, and you stated in your
13	interrogatory you did not observe yellowed or
14	brown or faded ink on any portion of the document
15	that you examined; correct?
16	A. Yes.
17	MR. ARGENTIERI: Objection to form.
18	Are you going to show him the document?
19	MR. SOUTHWELL: No, I'm asking him the
20	question. Stop interrupting, please.
21	Q. Go ahead.
22	A. Yes, this is what I said in my in
23	the answers to interrogatories, yes.
24	Q. And are you aware that it's defendant's

position that when plaintiff produced the "work

	rage 75
1	Aginsky
2	for hire" document to defendants on the morning of
3	July 14th the ink on the document was very faded,
4	almost a light tan or brown?
5	MR. ARGENTIERI: Objection as to form.
6	A. Yes, I think that I have seen it in the
7	Internet.
8	Q. That that is defendants' position?
9	A. That is defendants' position.
10	Q. Right. Do you further understand that
11	it's defendants' position that the paper that
12	on the front of the document was discolored and
13	off-white when it was first presented for
L 4	inspection on July 14th?
15	MR. ARGENTIERI: Objection.
16	A. I don't know what specifically what was
17	the position, whether the front or back was
18	discolored, but it's my understanding that at
19	least one side of each page was discolored.
20	Q. Where you aware that defendants'
21	experts Mr. Tytell and Professor Romano, who were
22	present at the inspection on the morning of July
23	14th when the "work for hire" document was first

describing the "work for hire" document as having

produced, have submitted sworn statements

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	Tage 70
1	Aginsky
2	faded tannish or brownish ink and tan paper at
3	that time?
4	MR. ARGENTIERI: Objection.
5	A. I'm not aware of that, no.
6	Q. Are you aware that the image we
7	provided you with your interrogatories was a
8	printout of Mr. Tytell's image that he took when
9	the document was first presented to him?
L O	MR. ARGENTIERI: Objection to form.
L1	A. No, I don't know that it's from
L 2	Mr. Tytell's report or other documents signed by
13	him.
14	Q. Are you aware of the fact that none of
15	plaintiff's experts were present at the document
16	examination on July 14th?
L 7	MR. ARGENTIERI: Objection as to form.
18	A. No, I'm not aware of it. I was not
19	present, for sure.
20	Q. Are you aware that it's defendants'
21	position that this faded and discolored condition
22	of the document and the ink is due to an attempt
23	by Paul Ceglia or someone working in concert with

him to artificially age or otherwise thwart

defendants' attempt to date the ink?

24

1	Aginsky			
2	MR. ARGENTIERI: Objection as to form.			
3	A. Am I aware			
4	Q. Are you aware that's defendants'			
5	position?			
6	A. That's my understanding, yes, that's			
7	defendants' position.			
8	Q. Are you also aware that defendants'			
9	experts believe that the damage to the document			
10	and its ink was caused by some sort of exposure or			
11	photo degradation of the "work for hire" document,			
12	such as exposure to sunlight?			
13	MR. ARGENTIERI: Objection to form.			
14	A. I'm not aware of a source that could			
15	cause this degradation, but that could be a			
16	logical assumption.			
17	Q. So you're not aware of the defendants'			
18	experts identifying a particular source, but			
19	you're aware that that could be a logical			
20	conclusion for how a document could be have			
21	faded ink; right?			
22	MR. ARGENTIERI: Objection as to form.			
23	A. Yes, what I know from my experience,			
24	that temperature doesn't typically doesn't			

cause fading. What causes fading is light. And

1	Aginsky
2	direct sunlight will be very effective to cause
3	fading.
4	Q. Fading of ink?
5	A. Fading of ink and paper. Paper cannot
6	fade, but, I mean, change the color of the paper.
7	MR. SOUTHWELL: Give me just a moment.
8	Q. I wanted to ask you, Dr. Aginsky, just
9	a few questions about your CV, which you attached
10	to your June 11th declaration. So I'm going to
11	ask that this be marked as Defendants' Exhibit 43,
12	and then I'll show it to you.
13	(Defendants' Exhibit 43, declaration of
14	Aginsky, marked for identification.)
15	Q. I'm showing you now Defendants' 43,
16	which is a document the top line, I'll
17	represent to you, is simply the line that gets
18	added by the court when this document is filed.
19	This is doc 66, which referred to the docket in
20	this case, and it was filed on June 17th, 2011.
21	If you can just take a moment to look
22	through this 15-page document and let us know when
23	you have done so and whether you recognize it.
24	(Pause.)

Yes, that's my declaration.

A.

	rage 19
1	Aginsky
2	Q. And I'll just refer your attention to
3	Exhibit A starting at page 7 of 15, given using
4	the numbers in the top right corner. Is that your
5	professional CV?
6	A. Yes, at that time.
7	Q. It was your CV as of June of last year;
8	correct?
9	A. Yes.
10	Q. And have there been any updates,
11	significant updates, to your CV since then, such
12	as additional publications or anything else that
13	we should be aware of?
14	A. I changed it a little bit but not
15	significantly.
16	Q. And your title or your position, based
17	on your CV, is forensic chemist/ink and document-
18	dating specialist. And that's at your firm,
19	Aginsky Forensic Document Dating Laboratory;
20	right?
21	A. Yes.
22	Q. And in that position you conduct
23	forensic chemistry relating to substances

Do you conduct forensic chemistry

strike that.

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1	Aginsky					
2	related to substances other than those associated					
3	with documents?					
4	A. No.					
5	Q. So the chemical testing is related to					
6	ink, paper, toner, or other such artifacts found					
7	on documents; is that right?					
8	A. Yes, any material, those that you					
9	mentioned, plus ink jet ink, stamp padding, yes.					
10	Q. But you would generally perform					
11	chemical testing on all aspects of a document?					
12	A. Yes.					
13	Q. I believe you explained this earlier,					
L 4	but I just want to be clear. Do you have any					
15	other scientists or document examiners working					
16	with the Aginsky Forensic Document Dating					
17	Laboratory?					
18	A. No.					
19	Q. What equipment do you have in your					
20	laboratory, generally speaking?					
21	A. I have GC/MS, gas chromatography/mass					
22	spectrometer; it keeps for the TLC analysis, which					
23	stands for thin-layer chromatography; a number of					
24	optical instruments including VSC, video spectral					

comparator, from Foster & Freeman; microscopes; UV

	Tage 01
1	Aginsky
2	cabinet; obviously a scanner; and some other
3	smaller tools which are used for both physical and
4	chemical analysis.
5	Q. And you previously testified that you
6	had been a chemist well, let's back up.
7	You have a Ph.D. in analytical
8	chemistry, and that's from the Military Academy of
9	Chemical Defense; correct?
10	A. Yes, in Moscow in the former Soviet
11	Union.
12	Q. And also a master's in analytical
13	chemistry; correct?
14	A. Yes.
15	Q. You testified earlier you had
16	previously worked for the ministry of the interior
17	at the forensic science center in Russia in the
18	former Soviet Republic. Was that doing ink
19	chemistry solely or other types of chemistry?
20	A. I did some other types of analysis,
21	mainly the ink chemical ink ink analysis and
22	dating, but also I did the analysis of explosives
23	and the analysis of narcotics. That was for the

laboratory for the ministry of the interior. And

forensic science center. It's like a federal

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1	Aginsky
2	ministry of the interior is a law enforcement
3	agency which is similar to FBI and police in
4	the and U.S. Secret Service.
5	Q. And on the first page at the bottom,
6	you've got a paragraph here that states, uses
7	reliable ink-dating methods (proven through
8	outside proficiency testing) developed as a result
9	of many years of research of the methodology
10	developed and published by Dr. Antonio Cantu.
11	Did I read that correctly?
12	A. Yes.
13	Q. And is that the ink-dating methods that
14	we've talked about before the solvent loss ratio
15	method and the sequential
16	A. Sequential construction technique.
17	Q. Thank you.
18	Those are the methods you are referring
19	to?
20	A. Yes, I would put sequential
21	construction technique in the first place because
22	that's what Dr. Cantu developed. At that time he
23	applied it to dye components, not to solvent
24	components.

But I simply used his ideas and further

1	Aginsky			
2	developed his methodology, applying it to solvent			
3	components, major of which is PE, phenoxyethanol.			
4	Q. And Dr. Cantu was a pioneer in the			
5	field of PE analysis; right?			
6	MR. ARGENTIERI: Objection.			
7	A. Not he was a pioneer in the field of			
8	ink dating and specifically the sequential			
9	construction approach. This is what Dr. Cantu			
10	invented and published when he was with the U.S.			
11	Secret Service.			
12	Q. Do you have a high opinion of			
13	Dr. Cantu?			
14	A. Yes, yes. He's well-known and highly			
15	recognized person in the world.			
16	Q. You mentioned here, in the quote that I			
17	read, outside proficiency testing. What testing			
18	are you referring to?			
19	A. The methodology and what I mentioned,			
20	the sequential construction technique, I use it in			
21	combination with solvent loss ratio method. But			
22	the SCT is what I rely most of all in my ink-aging			
23	cases.			
24	So this methodology has been subjected			

to outside proficiency testing, and that means as

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Aginsky

for -- so I am submitted -- I was submitted

samples, so-called blind samples. These are like

portions of a document cut from a document with

known date of preparation. So the date of

preparation was not known to me.

And it was done -- overall it was four proficiency tests; in my career, three of which were outside proficiency test, which are considered most important and most difficult to survive because you don't know -- you have -- it's a completely blind test.

The first test was done in Israel. I was working for the forensic science center in Moscow, and I was invited by Israel police headquarters to come to Israel and to deliver a lecture on ink-aging analysis to them.

And they said that as an option if I want they would like -- not if I want but if I don't object they would give me some samples so I would examine those samples using their equipment in Jerusalem. And this is what I did.

That was the first proficiency test.

They gave me three samples in Jerusalem; and then when I was correct on all three of them, they gave

Aginsky

me three more; and I took them to Moscow and examined them in Moscow and sent my results to them. So all six results were correct.

When I moved to the United States, there were two additional proficiency tests. The first one I thought that it was outside proficiency test, but it was given to me by at that time my employer, Tom Riley. I was with Riley Welch & Associates and became Riley Welch & Aginsky.

At that time when it was Riley Welch & Associates, Tom Riley gave me these additional samples that he said that's an outside proficiency test. We would like to test your method before we are going to put reputation of our firm at stake -- on the line.

So when I submitted my results, they were all correct, but I submitted them to him.

Therefore he said that was an internal test because I didn't want to take a risk. So now I will order another test for you that will be completely outside proficiency test, I will not know the results. So that test also was positive, was good.

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Aginsky

And last year it was another test which is -- which came actually from Russia. The samples were prepared by Russia law enforcement agencies. And I have not published these results yet, but I am going to publish.

I was invited as an invited speaker to Europe to Canary Island conference in October of this year, and I am going to disclose completely all the results with all the underlying data so people would be able to review the results and it will be completely transparent, the test. And the results also were correct.

So in other words, the methodology works. It's reliable if it's done correctly. And obviously I'm the author. I probably am doing it correctly, hopefully.

MR. SOUTHWELL: I think we have to take a break to change the tape, so let's just take a quick break, please.

THE VIDEOGRAPHER: Going off the record 12:17 p.m. This is the end of Tape 1 of the deposition of Valery N. Aginsky.

(Recess taken from 12:17 to 12:25.)

THE VIDEOGRAPHER: Going back on the

	Page 8/
1	Aginsky
2	record at 12:25 p.m. This is the beginning of
3	Disk 2 in the deposition of Valery N. Aginsky.
4	MR. SOUTHWELL: Thank you.
5	Q. Dr. Aginsky, when we broke we were
6	reviewing your CV, and I wanted to turn your
7	attention to page 3 of 6 at the bottom where you
8	start your professional publications.
9	A. Yes.
10	Q. And there you indicate that you have
11	more than 20 peer-reviewed articles on ink
12	analysis and dating, including chapters in three
13	books and two encyclopedias; is that right?
14	A. Yes.
15	Q. On the pages that follow, there are a
16	number of books and peer-reviewed articles and
17	presentations at scientific conferences, and a
18	number of these are specific to ink dating and
19	analysis of PE and ink and the solvent loss ratio
20	method; correct?
21	A. Yes.
22	Q. And the latest paper at least on the CV
23	here is number 34, which is a paper on the solvent
24	loss ratio method presented at the American

Society of Questioned Document Examiners meeting

1	Aginsky
2	in 2010 that you presented along with
3	Mr. Gaudreau; correct?
4	A. Yes.
5	Q. And Mr. Gaudreau was also would you
6	characterize him as a pioneer in the field of PE
7	analysis?
8	MR. ARGENTIERI: Objection.
9	A. Mr. Gaudreau Mark Gaudreau and Luc
10	Brazeau, these are two ink chemists from Canada
11	Border Services Agency, CBSA, which is what I
12	mentioned earlier similar to FBI in the U.S. And
13	these are two chemists along with the other from
14	the lab who have been using the solvent loss ratio
15	method for over ten years.
16	MR. ARGENTIERI: Did he answer your
17	question?
18	MR. SOUTHWELL: Uh-huh.
19	MR. ARGENTIERI: You asked him if they
20	were pioneers. I think that was your
21	phraseology.
22	MR. SOUTHWELL: Yeah, and he answered
23	it as he answered it. That's his answer.
24	That's fine.
25	MR. ARGENTIERI: He answered well

1	Aginsky
2	A. I wouldn't call him a pioneer, but he
3	is one one of those who has been involved in
4	this field for a long time and has been using this
5	method.
6	Q. Fine. And what is your opinion of
7	Mr. Gaudreau?
8	A. He's a qualified forensic document
9	examiner and ink chemist.
10	Q. I want to ask you some specific
11	questions about the scans, photographs, and other
12	images that you took during your forensic document
13	examination in this case, and you comment on some
L 4	of this in your interrogatory responses that are
15	dated December 2nd.
16	MR. SOUTHWELL: So why don't you go
17	ahead and have this marked as Defendants'
18	Exhibit 44.
19	(Defendants' Exhibit 44, interrogatory
20	responses of Aginsky, marked for
21	identification.)
22	Q. I have put before you Defendants'
23	Exhibit 44 which again has this line up at the top
24	which simply reflective of the document having

been filed. This was filed, this document 332 in

1	Aginsky
2	this case.
3	Can you just take a moment to look
4	through this and let us know when you have done so
5	and if you recognize it?
6	A. Yeah, that's the document a copy of
7	the document that I prepared and assembled last
8	year.
9	Q. And on the last page of that is a copy
10	of your signature; correct?
11	A. Yes.
12	Q. Now, I'd like to direct your attention
13	to page 5 using the numbers at the bottom of the
14	document. The paragraph there where you state,
15	The circumstances and manner in which I took each
16	scan and photograph were, A, typical of a
17	nondestructive examination of documents that I
18	have been conducting routinely for about 28 years;
19	and B, in accordance with the recommendation
20	outlined in the American Society for Testing and
21	Materials, ASTM, international standard guide
22	E1422-05.
23	Did I read that correctly?
24	A. Yes.
25	Q. So it sounds like, based on your

1	Aginsky
2	practice as well as the independent international
3	standards, you have developed a standard operating
4	procedure with regard to taking scans and
5	photographs during a forensic document
6	examination; is that correct?
7	MR. ARGENTIERI: Objection.
8	A. Yes.
9	Q. And did you follow this standard
10	operating procedure in this case?
11	MR. ARGENTIERI: Objection to the form.
12	A. Yes, I did.
13	Q. Now, scans, images and photographs of a
14	document such as the ones in this case can be used
15	to record various characteristics of a document;
16	correct?
17	A. Yes.
18	Q. So, for instance, photographs could
19	document close-ups of handwritten ink lines, scans
20	could document the placement and appearance of ink
21	and text on a package, and VSC images could
22	document infrared luminescence of ink, for
23	example?
24	MR. ARGENTIERI: Objection.
25	A. Yes.

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Aginsky

Q. Is one of the purposes of scanning and photographing and taking images to record as best as possible -- and of course understanding the limitations of each medium -- a true and accurate representation of characteristics you observe firsthand?

A. Yes.

Q. Another purposes of scans and imagery is to record the condition of a document at the time you receive it for examination; correct?

MR. ARGENTIERI: Objection to form.

A. Yes, that's standard procedure, and I use it to take pictures and/or scans before I do anything to the document and after I complete the examination.

Q. In order to have a record of the document as it came to you and as it left you, so to speak; is that right?

A. Yes.

Q. Now, in November of 2011, you provided the defendants with a CD of all of your scans and photographs, as you mentioned, putting aside the VSC imagery; right?

A. Yes, that's correct.

1	Aginsky
2	Q. And some of those are discussed here in
3	your interrogatory answer that we've just been
4	reviewing at page 5 of Defendants' Exhibit 44.
5	I'm going to now show you what I'd like
6	to be marked as Defendants' Exhibit 45, which I
7	will represent to you is a copy of an exact
8	copy of the CD that you in fact produced to us.
9	(Discussion off the record.)
10	(Defendants' Exhibit 45, copy of CD
11	from Aginsky, marked for identification.)
12	Q. I'm going to now put this into the
13	computer to pull up the imagery that you provided
14	us so that we can ask you a few questions about
15	that? Okay? And it will be displayed on the
16	screen that's right behind you.
17	A. Okay.
18	MR. ARGENTIERI: Do you want to move
19	that back?
20	THE VIDEOGRAPHER: (Complies.)
21	THE WITNESS: I'll take this
22	opportunity to get some water.
23	MR. ARGENTIERI: I'll get I.
24	Q. Now let's just start with the

interrogatory responses here on page 5,

1	Aginsky
2	Defendants' Exhibit 44. At the top of that page
3	you note the document was scanned using a Canon
4	Canoscan LIDE 200 scanner during a particular time
5	frame. Do you see that?
6	A. Yes.
7	Q. And were those scans taken using your
8	standard settings?
9	MR. ARGENTIERI: Objection as to form.
10	A. Yes, yes. There was a particular
11	resolution which I believe what I typically use.
12	Q. You have a typical resolution that you
13	use when you conduct an examination?
14	A. Yes, when I scan a page of a document
15	and I don't need a high resolution, I typically
16	use 300 DPI, or less, maybe 200 DPI.
17	Q. Do you recall if you changed the
18	contrast setting to be more intense or something?
19	A. No. That was a standard. No, I didn't
20	change any I didn't do any what I would call
21	manipulation. It was not necessary. Everything
22	was black, so I didn't need to. Plus everything
23	was standard.
24	Q. Because the toner you observed was

black and the ink was black as well; correct?

1	Aginsky
2	A. That's correct.
3	Q. Now, if you look up on the screen,
4	you'll see that there are four file folders on the
5	disk. One is labeled two thousand well,
6	they're each labeled 2011-1-13. The top is Canon
7	images, then DiniLitr images, then Scans_QD, and
8	Zarbeco images are the last.
9	THE VIDEOGRAPHER: I'm sorry, counsel,
10	do you need me to video that or just stay on
11	the witness?
12	MR. SOUTHWELL: No, just stay on the
13	witness.
14	THE VIDEOGRAPHER: Thank you.
15	Q. Do you recall these are the folders on
16	the CD that you provided to us?
17	A. Yes, I do.
18	Q. Let's first go to the Canon images,
19	which I understand from your interrogatories are
20	your scanner images. And as you just said, your
21	scans were taken in accordance with your standard
22	operating procedure; correct?
23	MR. ARGENTIERI: Well
24	A. Yes, at that time I scanned them using

Photoshop. Recently, maybe last year, I tried to

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Aginsky

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scan using the Canon software, not to use

Photoshop, because files with PSD extension tend
to be too large.

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Q. Too large?

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A. Too large. And for the purpose of just recording an image of a document, it was not necessary in most cases to get -- to obtain large files.

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Q. So my question with respect to these is what was -- what were you aiming to capture with these specific scans using your Canon scanner?

12 13

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A. It was simply to scan the document using standard parameters to record the appearance of the document as I received it.

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Q. And these scans are true and accurate representations of what you observed when you first received the documents?

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A. Yes.

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Q. So let's go back to your interrogatory answers on page 5. The next item is 7 images of portions of the document using -- that you took using your Canon digital camera. And if we could just go back to the folder. I just want to make sure we've identified that.

	
1	Aginsky
2	Oh, okay so the Canon folder has the
3	Canon digital camera picture. Let me make sure
4	I may have messed up. Let me clarify the record.
5	If we can just go back. So the scans we referred
6	to before are in that Scans_QD two pages folder.
7	Is that correct, Dr. Aginsky?
8	A. Yes.
9	Q. That's the scan that was taken with
10	your Canon Canoscan scanner?
11	A. That's correct.
12	Q. Now, the images of portions of the
13	document taken using the Canon digital camera are
14	in the folder that says Canon images; correct?
15	A. Yes, those are images, if I remember
16	correctly, I compared the paper, specifically the
17	left upper corners of two pages that contained,
18	yes, staple holes, and also the paper the
19	appearance of the paper, the opacity, what I
20	called.
21	MR. ARGENTIERI: Are you sure you don't
22	want this videotaped, what he's looking at?
23	MR. SOUTHWELL: I think the record
24	is the record is clear as to what it is.

We're now looking at image 0531.JPG.

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Aginsky

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questions.

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MR. ARGENTIERI: I don't mean to ask the question you're going to ask, but are you going to have him comment on what we're looking at without the video shooting it? I'm asking the MR. SOUTHWELL:

Dr. Aginsky, what was your aim in 0. taking these photographs? What were you aiming to capture?

MR. ARGENTIERI: Objection, asked and answered.

Α. That's what I typically do. If -- if my task is to compare a two-page document, any two-page document, or multipage document but -and to see whether there's any evidence of page substitution, then I would analyze the examined paper and any other material on the document, like in this case it is toner and ballpoint ink.

This specific, particular image, it compares the two pages that show, number one, the staple folds on both pages; number two, it showed that both pages were folded in that corner. there is a -- there is like a line that shows that where they were folded. And I arranged two pages

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Aginsky

2 so we can see that line on one page on the other
3 page.

And also this image, it was taken on a table that has a light from -- a lighting table. Therefore we can see like how the page -- the paper looks trans -- the transparency of the paper.

We can compare the opacity like the paper contains what are called on my -- I have work notes, and they call it cloudness on my work note. I said the cloudness is approximately the same.

So this is just a page, because it's impossible to remember what I saw at that time, and therefore I took some notes and I took a picture to use it at a later time if I am called to testify to explain what I -- what that level of analysis allowed me to determine.

Q. Okay. The image that we've been -MR. ARGENTIERI: If I can interrupt.

I'd like to have the videographer shoot the
screen. He's obviously looking at the screen
and commenting on these images, and we don't
have that on film, we're just shooting the

1	7 and market
	Aginsky
2	head shot?
3	MR. SOUTHWELL: I was going to
4	establish that this is IMG_0531.JPG, on
5	Defendants' Exhibit 45, but I am happy to have
6	the videographer pan over and show the screen.
7	MR. ARGENTIERI: If you don't mind.
8	Q. Dr. Aginsky, have I identified
9	correctly the image that you're referring to?
10	A. Yes.
11	Q. The photographs that you took with your
12	Canon digital camera, did you take those
13	photographs using standard settings that you use
14	on that camera?
15	MR. ARGENTIERI: Objection as to form.
16	A. Well, yes, probably I changed it to a
17	settings that is applicable to take pictures in a
18	close proximity.
19	Q. So were these photographs from your
20	Canon digital camera true and accurate
21	representations of what you observed?
22	A. Yes.
23	Q. Let's turn back to Defendants' Exhibit
24	44, your interrogatories. After the Canon digital
25	gamera woulve got a paragraph that describes 24

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Aginsky

2 microphotographs of portions of the document taken
3 using a Zarbeco MiScope 2MP digital microscope.

Can you explain in a little more detail what a Zarbeco MiScope 2MP digital microscope is?

- A. It's a portable digital microscope. It looks like a mouse computer that we use with computers -- with computers, just a little bigger, and it allows to capture a picture through this microscope at a resolution to 2 megapixel.
- Q. And that digital microscope attaches to a computer?
 - A. Yes. It has a USB cord.
- Q. And what do you use that for specifically as part of your examination?
- A. It is very useful tool or microscope that is used as I know by many colleagues in the field. It is used to take and enhance the image of, for example, a printed element on a document or handwritten element. Or it also can be used if a document contains some security features.

They also can be -- let's say some documents printed on a color printer, they may contain yellow dots which would allow it to determine the type of printer that was used and

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	Page 102
1	Aginsky
2	even the date when it was done.
3	So it's a large scale of possibilities
4	that can be can be examined using this small
5	device.
6	Q. Let's look up on the screen
7	MR. SOUTHWELL: If you want to pan.
8	Q to the folder that contains Zarbeco
9	images, these are the images that you took with
10	your Zarbeco microscope; right? If you can click
L1	into that.
12	A. Yes.
13	Q. And there are 24 BMP files. Those are
14	the photographs; is that right?
15	A. Yes.
16	Q. So specifically as to these, what were
L 7	you trying to capture by taking these photographs
18	using your Zarbeco microscope?
19	A. The reason for this particular image
20	was to capture the image of M and Z to compare it
21	as the appearance of the ink and ink lines with
22	the other handwritten portions on the same page
23	and on the other page.
24	Sometimes if a pen has is

malfunctioning, has some defect, then that would

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Aginsky

be very good demonstrative to determine that the
same pen was used.

Unfortunately most pens behave normally and therefore it is -- it cannot be -- like in this case I didn't find any specific defects that would allow it to determine that the same pen was used for the initials, for the interlineation, or on the second page.

But I took those images just for comparison so I would remember this if I need to refresh my memory at a later time.

- Q. And up on the screen is image file 001.BMP in a preview screen to the right, and it's got the letters MZ; is that right?
 - A. Yes.
- Q. And if I could turn to image file 002.BMP, that appears to have -- well, I would describe it as a reddish tint. Can you describe that image and explain it, please?
- A. Yes, that -- the second image is the same image as the first one, simply the first one was in the visible range and the second one in the near infrared range. And we can see that via the ink disappeared, and we only can see some

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Aginsky

indentations where the ink is on paper.

- Q. And that's a setting that you've used with the Zarbeco microscope is to allow the -- to see the imagery only with the near infrared range?
- A. Yes, the Zarbeco microscope has a switch I can switch from visible range to near infrared.
- Q. And is that true, then, throughout the 24 images that are your Zarbeco images, that there is -- there are captures, if you will, of the visible range and then the near infrared range for the image?
- A. Not all images have both visible and infrared, but many of them they do have.
- Q. And you're referring to I think you called them your work notes in front of you. Can you just describe what that is?
- A. This is just a -- they are two pages of my work notes, and I wrote some information which, again, would be useful if I need to refresh my memory at a later time.

So I wrote that I didn't notice any yellow dots on pages 1 or 2, meaning that the printer or copier was not a color printer or

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Aginsky

copier, because most of them they contain the
yellow dots pattern.

Then all these 24 images I have some description. So I would know that, for example, image number 1 is page 1 and then what I captured is MZ. And resolution is 40 times, 40X. And it's visible range.

And image number 2 is the same but it's in the infrared range.

- Q. Great. Just so that the record is clear, I think -- maybe at a next break I'll ask to make a quick copy of those notes so we can have those as part of the record.
 - A. Okay.
- Q. The images you have here, the 24 that you produced from your Zarbeco digital microscope, are those true and accurate representations of what you observed using the aspects of Zarbeco that you testified to?
- A. Yes, this is what I observed using this particular digital microscope.
- Q. Now, you also used a DinoLite digital microscope; right?
 - A. Yes.

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Q. Can you explain a little what a DinoLite is and how it's different from the Zarbeco?

A. It's another type of digital microscope, simply it has a different -- different lighting characteristics. Sometimes it's important because when we change even an angle of incident light we can see more -- we might see different features depending on the angle.

And therefore it's better to use different microscopes if the task is to find any -- like any difference between any materials, again, to find out if there is any evidence of page substitution.

Also the DinoLite microscope has a larger magnification, so it's possible to capture images at a higher magnification. And I found it useful for a specific test to determine the sequence of when different materials were placed on the document. Actually I published a paper in peer-reviewed journals.

It uses a different equipment, not a DinoLite microscope, but I used a more sophisticated large microscope when I worked in

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Moscow, and it allowed me to develop a procedure to determine what came first, what came second when we have toner and ball point ink in case where there is no intersection. In this case it is easier. There is an intersection.

- Q. Right.
- A. But even when there is no intersection, it's possible to determine whether a blank page was signed and then something -- some information was printed on it without an interaction with the signature.

But in this case I used this microscope to determine whether the ink was on top of toner or whether the toner was on top of ink. And I determined that in all instances where we have intersection of ink and toner the ink is on top of toner.

- Q. Looking up on the screen, the folder that has the D-I-N-I-L-I-T-R images, that's the folder where you have these 11 microphotographs; correct?
 - A. Yes.
- Q. Those are the names of the portions that you have captured; is that right?

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These DinoLite microphotographs, the 11 Q. of them, are they true and accurate

- For each image I -- instead of Α. Yes. writing it on work notes on a page, I wrote it as a file, as a name of the file, so it's like self-explanatory what intersection is captured.
- The first one which is there on the previous screen on the right is initials PC crossed the S.JPG; is that right?
 - Α. Yes, that's correct.
- Q. And were these microphotographs taken in accordance with your standard operating procedure?
 - MR. ARGENTIERI: Objection as to form.
- Yes, I not always use DinoLite Α. But in a case like this when the task microscope. is to determine whether the ink or toner came first on a document, yes, I would use this microscope, and that's part of my standard operating procedure.
- The Zarbeco images we looked at before, are those also taken in accordance with your standard operating procedure?
 - Α. Yes.

1	Aginsky
2	representations of what you observed using the
3	capabilities of the microscope?
4	A. Yes.
5	MR. SOUTHWELL: Okay. We can take that
6	off the screen, then.
7	Q. I want to go back to your January 13,
8	2011, examination. The only document you examined
9	was the two-page "work for hire" document; is that
10	correct?
11	A. That's correct.
12	Q. Were you aware at the time in January
13	of 2011 there was another questioned document in
14	the case referred to as the technical back-end
15	specifications?
16	MR. ARGENTIERI: Objection as to form.
17	A. I don't remember such a name of a
18	document.
19	Q. Are you aware that this was another
20	a second questioned document in the case?
21	MR. ARGENTIERI: Objection.
22	A. I think another document was mentioned,
23	a six-page document? Yes, it was, but I have not
24	examined.

When you say it was mentioned, it was

Q.

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Aginsky

2 mentioned at this January 13th examination?
3 that what you mean?

MR. ARGENTIERI: Objection as to form.

- A. I don't remember if we discussed it on that -- on that date. It could be that we discussed it on the date. But it was just mentioned to me. I was not asked to examine it, or I have not seen the document, the original.
- Q. Did you have any discussions with plaintiff's other expert, John Paul Osborn, prior to your examination on January 13th or during the examination?
- A. Definitely I didn't discuss -- didn't have any discussions before. I shouldn't say "definitely," because I might forget something.

 But I doubt it very much that I had any discussion with him before that date. I spoke to him briefly maybe two times after that, but not before.
- Q. Were you aware of the fact that he examined documents in this case, specifically two documents, about a week prior to you on January 5th, 2011?
- A. I think that -- it wasn't positive, but that was my understanding, because I recommended

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Aginsky

- John Paul. Standard procedure is to do first the indentation analysis. So that was my understanding. I wasn't sure, but that was my understanding, that John Paul had already done his examination --
 - Q. I see.
 - A. -- before January 13 of 2011.
 - Q. Just so that it's clear, you don't -do you have a specific knowledge of that or you're
 assuming that's the case because you understand he
 would do an indentation analysis and that would
 typically come before your examination as a
 chemist?
 - MR. ARGENTIERI: Objection to form.
 - A. Because it's a typical procedure, then I don't remember -- as of today I don't remember if I knew for sure that he had done it. But I would say it is highly probably that he had done it before I did my examination.
 - Q. And do you recall anything about, as you mentioned, the six-page document? Do you recall anything about hearing that Mr. Osborn had examined it or what do you recall about that other document?

1	Aginsky
2	MR. ARGENTIERI: Objection to form.
3	A. This I don't know at all if he had ever
4	examined it, no.
5	Q. Who provided you the "work for hire"
6	documents on January 13th, 2011?
7	A. Mr. Argentieri.
8	Q. And that's fine. He's here. As he
9	provided on July 14th, 2011, when we did our
10	inspection.
11	Now, before Mr. Argentieri handed you
12	the document, had you seen images of the "work for
13	hire" document?
14	A. I believe that PDF copies were sent to
15	me, yes.
16	Q. Are you aware if that was the image
17	attached to the complaint in the case?
18	A. At that time I didn't know anything. I
19	didn't want to know any specifics. I wasn't even
20	sure whether I would be involved or retained for
21	the case.
22	Q. Do you recall at that time whether you
23	had seen the complaint in the case?
24	A. That I had seen what?
25	O The complaint the document that begins

	rage 115
1	Aginsky
2	the lawsuit.
3	A. No, I don't remember. And again, as I
4	said, the complaint is a specific judicial
5	Q. Yes.
6	A document. No, I only just had
7	general discussion about what I could or could not
8	do typically.
9	Q. Do you recall at any time having seen
10	the complaint in this case, the judicial document
11	that starts the litigation?
12	A. I'm not positive, but most probably I
13	have not seen it.
14	Q. You mentioned you thought that prior
15	was it prior to January 13th that you had seen the
16	PDF of the "work for hire" document or was it on
17	that day?
18	A. I think that because it was e-mailed to
19	me, so it would be logical to e-mail it to me
20	before we met on January 13th. So my most
21	probably again, I don't remember.
22	Q. That's fine.
23	A. I could verify it to look at my
21	computer But I think that I received I had

received it before January 13.

1	Aginsky
2	Q. Do you recall who sent it to you?
3	A. No, I don't.
4	Q. I'm going to put another blank in the
5	transcript here. I'm going to ask if you could
6	determine when it is you received the PDF and who
7	sent it to you and ask that you provide that
8	information so we could fill that transcript blank
9	in; okay?
10	TO BE FURNISHED:
11	·
12	A. Yes, yes, I will do it.
13	Q. Do you recall was it a single PDF of
14	the two pages that was sent to you?
15	A. As I recall, it was a PDF of two
16	page of two-page contract, and I believe the
17	other document, which is Street-something fax. I
18	don't remember the name. I am just guessing. But
19	another PDF of another document.
20	Q. Can you describe that document in any
21	other detail?
22	A. This is what I said like a six-page
23	document, but I am not sure that it was a six-page

document. It's just -- I don't know why I said

it. I apologize if I am -- if I was guessing.

24

	Luge 113
1	Aginsky
2	Q. That's okay. There was another
3	A. There were two documents that were sent
4	to me as PDF.
5	Q. Okay.
6	A. And because I have never examined the
7	other document, I just didn't pay much attention
8	to that the other document.
9	Q. Do you recall if the PDF or either PDF
10	that was sent to you was a color or black-and-
11	white PDF?
12	A. It's a black-and-white.
13	Q. Do you recall how the "work for hire"
14	document was brought to you? And by that I mean
15	was it in an envelope, in a plastic sleeve, or
16	what the method by which it was brought to your
17	office and then given to you.
18	A. Again, I am not positive, but it was in
19	something like an envelope. It could be a folder.
20	Q. And describe to me, if you would, how
21	it was presented to you, the "work for hire"
22	document.
23	A. How?

yet sure whether you were going to be retained.

So let's back up. I guess you were not

Q.

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Aginsky

Was there a discussion at the beginning of the

January 13th meeting during which it was confirmed

that you were retained and then it was provided to

you for examination? I'm trying to get at what

occurred.

A. What occurred -- I think, as far as I remember, Mr. Argentieri -- we were sitting in my office, and he gave me I think a check, retainer check and a retainer agreement, which was modified from mine. Mine was one page, and that one was like three pages.

Then after that he gave me the document. He opened a folder or envelope and gave me this two-page document and said this is the document that he would like me to examine.

- Q. Were you sitting at your desk or was it in a lab? Maybe you could explain a little more what the setup was.
- A. It was in my office. So I have two rooms, and one is my office. We were sitting in my office. So the document and everything, the retainer check, were placed on my desk. We were sitting opposite each other. And the laboratory is the other room, the other room.

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Aginsky

- 2
- Q. Mr. Argentieri took the "work for hire" document out of an envelope or folder and then handed it to you; is that right?
- 5

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A. Yes.

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Q. Was he wearing gloves; do you recall?

7

A. No, none of us.

8

Q. Did he ask you to wear gloves?

9

A. No. I usually -- sometimes when there

10

is a requirement that the gloves should be worn,

11

yes, I would. But what I usually do, I handled

12

the document -- like I would use another paper,

13

another page, and I would fold it like this and

14

then will use it -- say if I need, I would move it

1516

from a table and take it like this (indicating), so to leave as little fingerprints as possible on

17

page.

18

- Q. After your examination, did you give the "work for hire" document back to
- 19
- Mr. Argentieri?

21

20

A. Yes.

22

Q. And do you recall where he put it?

23

A. I finished the examination, like it

24

look approximately overall six hours. Then I

25

returned the document. And I think Mr. Argentieri

1	Aginsky
2	put it in the same envelope or folder.
3	Q. Was Mr. Argentieri and Mr. Ceglia there
4	the whole time during which you were doing your
5	examination?
6	A. No, Mr. Ceglia was not in my lab. He
7	was watching TV. But he wasn't present in my lab.
8	Q. Where is the TV in your office?
9	A. It's not in my office; it's it's
10	like a family room. He was there.
11	Q. Your office and your lab are attached
12	to your home?
13	A. Yes.
14	Q. So he was in the family Mr. Ceglia
15	was in the family room watching TV while you were
16	doing your examination in the lab?
17	A. Yes.
18	Q. Where was Mr. Argentieri during this
19	time?
20	A. He was with me in the lab.
21	Q. So the document was not left with you
22	overnight or anything like that; correct?
23	A. No. It was six-hour examination.
24	Q. You mentioned how you hold the
25	document. Was there any discussion of testing the

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Aginsky

2 document for fingerprints at all?

A. We didn't discuss a possibility for testing, as far as I remember. But as I said, it's my general procedure, if I'm not wearing gloves, which I try not to because it's not convenient, then I will handle a document very carefully.

Like instead of taking a page like this (indicating), I will either take it from here on the angle or, as I mentioned, I would use another page and move it like this (indicating) and then hold it using another paper. That way I will not leave a fingerprint on the page.

- Q. When you first examined the "work for hire" document on January 13th, 2011, did you understand anything about the storage conditions of the document?
- A. As far as I remember, we didn't discuss anything regarding the storage conditions.
- Q. Did you have any knowledge about the storage conditions of the document?
- A. At that time I didn't ask this question because I wasn't asked to do any ink-aging analysis. And the storage conditions would only

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Aginsky

be relevant to know if I was asked to do an
ink-aging analysis.

- Q. And I understand you didn't ask, but did you have any knowledge about the storage conditions at that time?
- A. No, I didn't ask about this, and I wasn't provided any information about this.
- Q. At any point during your engagement up until today, have you -- do you have any understanding about the storage conditions of the "work for hire" document?
- A. After my examination in January of last year, I have not been involved very much in this case. And other than general questions regarding the ink-aging methodology and how it may be affected by storage conditions, I don't remember discussing anything.
- Q. You do recall some discussions about how the ink-aging methodology might be affected by storage conditions, but you don't remember having any knowledge -- or you don't have any knowledge about the purported storage conditions for this particular document, the "work for hire" document; right?

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Aginsky

2 MR. ARGENTIERI: Objection to the form.

A. What I -- what I remember is that the questions that I received at a later point regarding the storage conditions, they were after -- after I had received I believe five images that Gerald LaPorte took showing some changes of the appearance of the document.

And at that point I received e-mails with those -- Gerald LaPorte's images. And I was asked what in my opinion could cause such discoloration or such a change or fading. And I answered that fading mainly is caused by excessive light. And significant fading is usually -- that's something like direct sunlight.

- Q. And is that what you observed in those images, excessive fading?
- A. It was very -- the images were not -- at least what I received, PDF images, were not of great quality. So I couldn't -- I can't even remember whether they were colored, so it was -- I was just asked general questions, if the ink faded -- or if an ink has faded and if a page become yellow then what -- what could be the cause of that. And I said based on my experience it is

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Aginsky

2 light, excessive light.

- Q. And did you have an understanding about anything concerning the "work for hire" document's purported execution, such as where it was it executed, what date it was executed on? Did you have any understanding about those -- that kind of information?
- A. I don't remember that we discussed on January 13th or any other time the circumstances or location or anything like that where this document was executed.
- Q. So you have no knowledge about that, the circumstances of execution; is that correct?
- A. No, I have no knowledge. The only thing I remember is when I compared the two pages I noticed it was obvious, especially under the microscope, that the font is different on pages 1 and 2. And I mentioned it and said so the font is different; is it -- how can this be explained.

But I don't remember that there was any explanation to me, so that's -- that's the only discussion that related to -- somehow related to the place or the manner how the documents were executed -- the document was prepared.

	rage 123
1	Aginsky
2	Q. Do you have any understanding about why
3	there might be two different fonts on the
4	document?
5	MR. ARGENTIERI: Objection as to form.
6	A. Different font? It means that it's
7	either a different printer or, I don't know, there
8	may be more than one different scenarios. Of
9	course it shows that it is not printed from the
10	same computer on the same printer at the same
11	time.
12	Q. Now, the document that was presented to
13	you for inspection, was it stapled when you got
14	it?
15	A. No, it was not.
16	Q. Was there a staple accompanying the
17	document in any way?
18	A. No, otherwise I would take a picture.
19	Q. Do you have any knowledge about what
20	happened to the staple? Well, let me back up.
21	You documented that there were staple
22	holes; correct?
23	A. Yes.
24	Q. Do you have any knowledge about what

happened to the staple that may have caused those

0.

25

And as I understand it, you did not

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Aginsky

- 2
- take samples from the document during this examination; right?
- 4

- Α. No, I did not.
- 5 6
 - why that was?
- 7
- Α.
- 8
- 9
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- 0. And did you have an understanding as to
- At that -- on that date -- on that day I was only asked to do the nondestructive physical optical examinations.
- And for that examination you used equipment like your microscopes, handheld lamps, the VSC unit, the microscopes you've talked about; is that right?
 - MR. ARGENTIERI: Objection to form.
- Yes, all those -- what we discussed, Α. and also I used -- it is not -- there are no images, but I have it on my work note I used a lamp which is called black light. It's a very primitive type of examination, but sometimes it is effective.
- Let's say two black inks, they might appear very similar in the visible range of electromagnetic spectrum. But when we illuminate these two inks using the black light, one might -typically might turn red and the other might stay

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Aginsky

2 as it was, without turning red.

So in this case both -- all the -- all the handwritten entries, the initials and signatures, that I observed using this black light, they all turned red.

But as I said, it's a not very discriminating type of analysis, but sometimes it is very effective; and if it is, then simply by taking a picture, it would have a very nice demonstrative for in court to show.

- Q. What equipment did you use to measure the thickness of the paper?
- A. For the thickness I only used -- I looked at the edges of the paper using a magnifying glass. And also probably for that particular -- I said I typically try not to leave my fingerprints, but it is very effective when you use your fingers just to take two pages between your fingers. And if the pages have different thickness, you might feel it. This is how many people -- money fraud are detected by cashiers.

Again, it's a -- I wouldn't say that that's a very sophisticated type of test, but on that date I looked at many parameters of the paper

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Aginsky

other than the thickness. And the UV responses of the paper in the short -- both short and long UV light were the same, or indistinguishable, I should say. The opacity was what we saw on one of my pictures was also very similar.

So I couldn't say that there is any evidence that these two pages are different based on that particular parameter.

Of course the color, I didn't see any difference between white and white.

To me that was enough combination to say that at the level of the analysis that I performed, I don't see any difference between page 1 and page 2.

Q. For the opacity, you used the transmitted light examination like you saw in those images?

MR. ARGENTIERI: Objection as to form.

A. Yes, the transmitted light in the visible range, and also I used transmitted light using VSC. I'm not sure if I took those pictures, but I gave you the images. Probably there I used -- VSC allows to take -- to observe the optical characteristics in UV visible range and

1	Aginsky
2	the infrared.
3	Q. And for the thickness measurements, did
4	you take actual measurements, like actual
5	numerical measurements?
6	A. No. The only way to do it would be to
7	use a micrometer, and I don't have a micrometer in
8	my lab.
9	Q. So your equipment was your fingers, if
10	you will?
11	A. No, as I said yeah, the fingers
12	plus
13	MR. ARGENTIERI: Skill.
14	A when I looked at the two pages using
15	some magnifying glasses, because I examined the
16	edges of the pages.
17	What happens when the when a typical
18	examination to determine whether there is evidence
19	of page substitution, if a page was substituted at
20	a later time, let's say significantly later, years
21	later, than the previous pages of the older
22	pages of the document, they might have some
23	visible or detectible wear and tear
24	characteristics. And the newer page would not

have those characteristics.

1	Aginsky
2	So I looked at those to see if I see
3	any wear-and-tear characteristics which would be
4	different between page 1 and page 2.
5	Q. I see.
6	A. That also included the comparison of
7	the thickness.
8	Q. Okay. And then since that January 13th
9	examination, you have not seen the actual physical
10	document again; is that correct?
11	A. That's correct.
12	MR. SOUTHWELL: Why don't we break for
13	lunch at this point. And before we do that, I
14	guess let's on the record still I'm going
15	to hand you back your key (handing).
16	THE WITNESS: Thank you.
17	MR. SOUTHWELL: I ask for those work
18	notes, and we'll make a copy of them over the
19	lunch break and give them back to you
20	afterwards. We'll mark them to complete the
21	record.
22	MR. ARGENTIERI: Make sure you wear
23	gloves.
24	MR. SOUTHWELL: You too,
25	Mr. Argentieri.

	Page 130
1	Aginsky
2	And why don't we come back in about
3	MR. ARGENTIERI: What time you want?
4	It's 1:30.
5	MR. SOUTHWELL: Yeah, like maybe 30-45
6	minutes let's say 45 minutes, and that
7	allow us to organize.
8	(Discussion off the record.)
9	THE VIDEOGRAPHER: Going off the record
10	1:28 p.m. This is the end of Disk 2 of the
11	deposition of Valery Aginsky.
12	(Time noted: 1:28 p.m.)
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AFTERNOON SESSION

(Time noted: 2:26 p.m.)

THE VIDEOGRAPHER: Going back on the record at 2:26 p.m. This is the beginning of Disk 3 in the deposition of Valery Aginsky.

VALERY N. AGINSKY,

resumed as a witness, having been previously sworn by the notary public, was examined and testified further as follows:

EXAMINATION CONTINUED BY

MR. SOUTHWELL:

- Q. Great. Dr. Aginsky, did you speak with Mr. Argentieri over the lunch break at all --
- A. No.
 - Q. -- about the substance of the deposition?
 - A. No, we didn't speak at all.
 - Q. Now, I want to turn to your June 2011 declaration, which you have in front of you as Defendants' Exhibit 43. I believe you testified earlier that you had worked with Jerry Trippitelli from DLA Piper on this; is that -- is that right?
 - A. If I remember correctly, the name of the attorney, if it's him, yes, I worked with him

	Page 132
1	Aginsky
2	when I was preparing that declaration.
3	Q. Were there any other attorneys? Let me
4	ask it to you this way: Was there just one
5	attorney that you worked with in connection with
6	this attorney
7	A. Just one.
8	Q or was it more than one?
9	A. Just one.
10	Q. And your recollection is that it's
11	Mr. Trippitelli; is that right?
12	A. Yes. As I said, I'm not positive,
13	but
14	Q. Did you meet with the attorney you
15	prepared it with in person at all?
16	A. No. That was e-mail.
17	Q. How did the declaration get put
18	together? In other words, did you dictate it and
19	they took it down or something else?
20	A. I for sure did not didn't dictate.
21	I think he sent me an e-mail with the format of
22	this and with some preprinted paragraphs taken
23	from my CV and from his understanding of what my

results are. And then I made necessary changes

and amendments.

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Aginsky

- 2 3
- So did you have a conversation Q. I see. with him prior to that about your examination and results?

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I don't remember. It must have if I -if I did have a conversation, it must be in my time log, which I have on my computer. So I can double-check.

0. Okay. So let's put a blank in the transcript for that as well, when you spoke with him, and if you could provide that information, that would be great.

TO	BE	FURNISHED:	

- Yes, I will, yes. Α.
- Let me just make sure I understand. 0. Your recollection is you did speak with him, and that is how he was able to put the information into the draft; right? There wouldn't have been any other way that he would have come up with your conclusions without having spoken to you unless there was somebody else you spoke to about it?
- Α. Yeah, it's logical to assume that we probably had a conversation with me. But as I said, I'm not positive. I need to double-check my

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Aginsky

2 time log.

- Q. Okay. Do you recall how long it took you to prepare the declaration or to review it and then finalize it?
- A. Again, it's on my time log. Everything that -- every work that I did, each work is -- and the time I spent is in my time log.
- Q. Was there any material in the draft that was sent to you that you were not comfortable including that you then took out?
- A. Yes, I for sure I changed some positions because he didn't explain correctly technical things. I didn't see anything that I would consider as -- as something that I would feel uncomfortable, meaning that I would include something which will be not based on my result.

But some sentences were technically awkward and didn't reflect what I actually obtained in the examination. Therefore I just changed everything that should have been changed.

- Q. Were there any findings that you had that you were asked not to include in this declaration?
 - A. No, no.

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Aginsky

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Q. And so I take it you reviewed everything and you made whatever changes are and that you're then comfortable with every word that's in the declaration; correct?

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MR. ARGENTIERI: Objection as to form.

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A. Yes, I'm comfortable with every sentence. I'm not sure if I'm comfortable with every word.

10

Q. Okay. It is your declaration sworn under penalty of perjury; right?

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A. Yes. But the way I understood it is because, as I said, English is my second language. So the words I sometimes I pick, they are not the best word. I am comfortable with what I signed --

15 16

Q. Okay, fine.

17 18 A. Under the penalty of perjury.

19

Q. I wasn't suggesting otherwise. I was just trying to understand.

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Now, we talked about the examination of the "work for hire" document for the purposes of taking physical samples. Are you familiar with a document in this case called the hard-copy document inspection protocol that governs the examination of hard-copy documents?

	rage 150
1	Aginsky
2	MR. ARGENTIERI: Objection as to form.
3	A. Is it a document related to this case
4	or is it general?
5	Q. A document related to this case from
6	the court that governs how the examination of the
7	hard-copy documents was to proceed.
8	A. No.
9	Q. Is that a document you're familiar
10	with?
11	A. No, I have not reviewed this document.
12	Q. Were you consulted in any way with
13	respect to the drafting of any protocols or
14	procedures for how the inspection of the hard-copy
15	document would proceed?
16	A. I'm not sure if I was consulted
17	specifically when this document was prepared. It
18	could well be that when we met on January 13th and
19	there was some discussion of how the analysis is
20	done, I would typically mention to any client that
21	what tools are used to take samples, how many
22	samples typically should be taken for both, for
23	ink comparison analysis or ink availability test

Did there come a time that you -- well,

Q.

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or for ink-aging test.

	Aginsky
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let me back up.

You mentioned that you might have provided information about how many samples should be taken. Do you have a general approach to how many samples you need for analysis that you do?

- A. Yes, usually for ink-aging analysis I need approximately 15 samples. Each sample is 0.5 millimeter in diameter.
- Q. And did there come a time that you were scheduled to attend and take samples from the document in this case?
 - MR. ARGENTIERI: Objection, asked and answered.

But you can answer.

- A. I remember discussion over the phone if I was available to come to Buffalo sometime in June, I believe in June, summertime, and the dates -- on those particular dates I was not available. After that there was no discussion about the dates or my availability.
- Q. I just want to understand. So the date of inspection started on July 14th, and I had understood that you were planning to attend but you were unavailable until July 22nd.

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Aginsky

Does that sound familiar to you at all,

MR. ARGENTIERI: Objection as to form.

those dates?

A. Yeah, it sounds similar. I'm -- now you said those dates, July 14th, that's when I was not available, and that week that I was available, then the week of -- maybe next week, which includes July 22nd.

- Q. You were not available for a business engagement or vacation or something? What was the reason for your unavailability?
- A. I was -- I needed -- I had previous commitments. I needed to be in Chicago. That weekend I was in Chicago.
- Q. Did there come a time that you arranged to come the week of the 22nd or -- I'm trying to understand, because I think you testified that you sort of never heard again. I'm trying to understand that part of it.

So let me ask it to you this way: Was there -- did there come a time when you were scheduled to come the week of the 22nd that you think you were available?

A. And this is again I could verify by

1	Aginsky
2	looking at my e-mails. I think that I even booked
3	my flight to Buffalo. But then I was asked to
4	cancel, and I did.
5	Q. Do you recall how soon before your
6	flight you were asked to cancel?
7	A. I need to double-check. I think I have
8	this exchange e-mails on my computer.
9	Q. Do you recall who you were discussing
10	this issue with?
11	A. Mr. Argentieri.
12	Q. Do you have any understanding about why
13	you did not attend to take samples?
14	MR. ARGENTIERI: Objection.
15	MR. SOUTHWELL: Your basis?
16	MR. ARGENTIERI: First of all, he
17	hasn't even testified that he has to look
18	at his book about any date why he I'll
19	just put the objection on the record. That's
20	fine. Go ahead.
21	MR. SOUTHWELL: Okay. Fine.
22	MR. ARGENTIERI: You can answer it,
23	Doctor. I've put the objection on the record.
24	A. I don't know what was the reason for
25	Mr Argentieri to advise that I should cancel

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Aginsky

- Q. Are you aware that samples of ink were taken by plaintiff's experts on July 25th of 2011?

 MR. ARGENTIERI: Objection as to form.
 - A. As of today, I don't remember the exact date, but it sounds like the date that I've probably seen in my -- in Dr. Lyter's declaration, which is available on the Internet.
 - Q. Just so it's clear, is your only basis for knowing, roughly speaking, when plaintiff's experts took ink samples is Dr. Lyter's report?

 Do you have any other basis other than that?
 - A. No, the only source of information is the Internet.
 - Q. And by "the Internet," you're referring to Dr. Lyter's report, which is available there?
 - A. Yes, I believe that was from his declaration or affidavit.
 - Q. And were you in fact available to take samples on the 25th of July, if you recall?
 - A. It's --
 - MR. ARGENTIERI: He has to check.
 - A. It's some time I think one year ago. I don't remember. I assume it was. That's why I said I was not available the previous week but

1				2	Aginsk
2	will	be	available	next	week.

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Are you aware that on July 25th the 0. only plaintiff's expert to take ink samples was Mr. Speckin?

Aginsky

- MR. ARGENTIERI: Objection as to form.
- No, I don't know who was the first to take samples. As I mentioned before, Larry Stewart called me at some point in time, and he said that he was going to fly there. And he thought that either we together will be there or he will be there. That's why he asked me what would the strategy to take samples and how many samples I would need for the analysis. Other than that, I don't remember.
- Now, let's turn back to your declaration that's in front of you. I think it's still there, yes. Defendants' Exhibit 43. Can I direct your attention to Exhibit B, which starts at page 14 of 15 in the top right corner. Do you see that?
 - Α. Okay.
- Do you recall whether you yourself 0. attached Exhibit B to your declaration?
 - Α. I need to check to see if I -- I think

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Aginsky

that I sent the declaration, signed declaration, as an attachment, a scanned document, and I need to check if it was just the text with my signature or whether the attachment with.

Based on the title of Exhibit B, I don't think that I prepared it myself. That's not my style.

Q. Right. I was going to ask if that's -So looking at page 13 of 15 -- and just
so that it's clear -- not suggesting that there's
anything wrong with an attorney attaching. I'm
trying to understand the genesis of this document.

So if I understand you correctly, your belief, at least as you sit here now, is that this "work for hire" contract was -- these images at pages 14 and 15 was attached to your declaration by the attorneys who submitted it?

MR. ARGENTIERI: Objection as to form.

A. Yes, it looks like there's a horizontal bar in the upper-hand corner which looks like a staple on the document. And I have never seen a document with this staple. Therefore I could not scan the document with a staple. So it's not -- it's not my scan.

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Aginsky

- Q. That was going to be my next question.

 This is not your scan, as you just said. I guess

 are you aware -- was this simple a copy of the

 "work for hire" contract that was provided to you

 by the attorneys?
 - A. I need to double-check. What I said, that I received a PDF copy before the examination on the 13th of January. And if it matches the image of this, then it could be. So I don't remember what for sure I signed the signature page and mailed it. I'm not sure if the whole document was prepared by myself and mailed to the attorney.
 - Q. I understand. So let me put another blank in the transcript and just ask if you can confirm I guess that the PDF that was provided to you in advance of the January 13, 2011, examination, whether that's the same document -- same image as is attached here as Exhibit B to your declaration.

TO BE FURNISHED:

- A. I will confirm, yes.
 - Q. While we're at it, if you can just confirm what the other document was that was

1	Aginsky
2	provided to you along with that PDF
3	A. Yes, okay.
4	Q whether it was that six-page
5	document or something else; okay?
6	A. How should I confirm it? In what way?
7	Q. Why don't you check, and then you
8	can I guess depending we can talk about this
9	afterwards. I assume there's a quick and easy
10	one
11	MR. ARGENTIERI: You should probably
12	contact us. We have to comply with the
13	request, unless you have to go back and
14	check to see if you even have it; correct?
15	THE WITNESS: Yes, I believe I have it
16	as an attachment. So the e-mail, I should
17	have it in the memory of
18	MR. ARGENTIERI: I think it should go
19	to Dean and then to you, shouldn't it?
20	MR. SOUTHWELL: Yeah, I think if you
21	provide it
22	MR. ARGENTIERI: To Dean, not to me,
23	because he can electronically transfer it
24	correctly and then
25	THE WITNESS: So should I take that

1	Aginsky
2	attachment and e-mail it?
3	MR. ARGENTIERI: Dean, can you hear us?
4	MR. BOLAND: I can hear Dr. Aginsky. I
5	can't quite here you, Paul.
6	MR. ARGENTIERI: Alex or Dr. Aginsky
7	is asking the process of transferring the
8	information Alex wants on this line of
9	questioning and these other questions, and
10	Dr
11	MR. SOUTHWELL: I think it's fine. You
12	should send it to Mr. Boland and
13	Mr. Argentieri, if he wants. To the extent
14	we don't want anything that might be
15	privileged communication in there.
16	MR. ARGENTIERI: Right.
17	MR. SOUTHWELL: To the extent there is,
18	he will take that out. If not, he'll pass it
19	on.
20	MR. BOLAND: Alex, the witness and I
21	and Paul Argentieri will discuss it with him,
22	and we'll make sure that we respond
23	appropriately.
24	MR. SOUTHWELL: Okay.
25	Q. Now let's turn to paragraph 6 of your

1	Aginsky
2	declaration, Defendants' Exhibit 43. In that
3	paragraph you note in part: Based on my visual
4	examination of the agreement strike that.
5	Based upon my visual examination of the
6	agreement, each page of the document was produced
7	with an office machine system utilizing black
8	toner.
9	Did I read that correctly?
10	MR. ARGENTIERI: Page 2, paragraph 6,
11	Doctor.
12	A. Yes, that's correct.
13	Q. And then you go on to note that there
14	are a variety of such office machine systems, such
15	as laser printers, photocopiers, and some
16	facsimile machines; right?
17	A. Yes.
18	Q. And just to be clear, you do not
19	identify any specific type of machine that
20	produced the "work for hire" document; correct?
21	A. I did not.
22	Q. And this conclusion is a generic
23	finding that simply means that we're not talking
24	about ink jet or color toner or something like

that; right?

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MR. ARGENTIERI: Objection as to form.

Yes, that's just a type of technology

3

Α.

black toner?

4 which is used widely and printers copies and

5

facsimile machines used as technology.

6

7

Q. I have a question about TLC analysis and toner. Is it possible to determine the make

8

and model of a printer by doing TLC analysis on

9

MR. ARGENTIERI: Objection as to form.

11

10

A. I would say that it's very unlikely.

12

Q. Why is that?

13

A. Most toners, it's a black toner. It

consists mainly of carbon black, which is a

14 15

pigment, which all company use. It contains also

16

polymer resin. Polymer -- different companies use

17

different -- typically use different resins. But

18

TLC analysis is not capable in most cases to

19

determine which resin was used.

contained an organic dye.

20

Sometimes some toners contain organic

21

know -- in this case I didn't do a chemical

dyes which are added to carbon black.

2223

analysis so I don't know whether this toner

24

analysis, so I don't know whether this toner

24

But some of Hewlett-Packard's toners,

I don't

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Aginsky

they do contain organic dyes, one of which is of violet color. I know it from my experience because I have analyzed toners of different companies by TLC, GC/MS, FT-IR, microspectroscopy.

So the best method to analyze resins, polymer resins, would be FT-IR method, not TLC.

As I said, TLC would be a good method if a toner contains a dye added in addition to carbon black.

If it's only carbon black, then TLC is almost useless.

Q. And are most normal -- well, strike that.

Are most typical laser printer toners your standard carbon black, and it would be the more, for lack of a better word, esoteric toners that would be able to be discerned using TLC?

MR. ARGENTIERI: Objection as to form.

A. As I said, TLC is only effective for toner comparison if toner contains an organic dye in addition to inorganic carbon black pigment.

Carbon clack cannot be analyzed by TLC or by any other chromatographic method because it's not soluble in any solvent.

But as I said, if there is a soluble

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Aginsky

dye added to carbon black, then TLC would be a method of choice.

Q. Now let's go on to the rest of paragraph 6. You note on page 1 of the agreement there's an interlineation handwritten with black ballpoint ink, and on page 2 of the agreement there are two signatures and the entries of the date all written with black ballpoint ink.

Did I read that correctly?

- A. Yes.
- Q. And you were able to make that determination based on a simple visual inspection; correct?
 - MR. ARGENTIERI: Objection as to form.
- A. Yes, the most important type of analysis is a visual inspection using naked eye and the handheld magnifiers. Of course the reason why it's important is because ball ballpoint use have very specific appearance which is different from water-based inks used in fountain pen ink or in felt tip pens or even in gel roller ball inks, like this one that I have on the table (indicating).

So based on the visual examination and

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Aginsky

- the microscopic examination of the ink on both pages, I came to the conclusion that this is -- that this is black ballpoint ink.
- Q. You also have a conclusion on paragraph 7 that the print and handwritten entries have a logical sequence, and you mentioned that before. This means that the type was printed first and the handwritten entries were made afterwards and on top of the toner; correct?
 - A. That's correct.
- Q. And other than the sequencing, this finding does not say anything about when the document was printed, does it?
 - A. That's correct.
- Q. And it does not say anything about when the handwriting was written other than as to sequencing; correct?
 - A. That's correct.
- Q. In paragraph 8 you discuss your binding with respect to paper. Specifically you state, My visual UV, IR absorption, and IRL examinations reveal that pages 1 and 2 of the agreement were printed on the same type of 8.5 by 11 inch wide paper.

	Page 151
1	Aginsky
2	The paper of both pages has matching
3	characteristics, such as color, thickness, short
4	and long-wave UV fluorescence, IR luminescence,
5	opacity, and surface texture?
6	Did I read that correctly?
7	A. Yes.
8	Q. Now, when you say the same type and
9	matching characteristics, that means that the
10	paper could not be differentiated at the level of
11	analysis that you conducted; correct?
12	MR. ARGENTIERI: Objection as to form.
13	A. That's correct.
14	Q. It's possible that chemical analysis
15	could reveal differences; correct?
16	MR. ARGENTIERI: Objection.
17	A. Yes, chemical analysis is more powerful
18	than the physical, in most cases.
19	Q. So it's possible, for example, that TLC
20	analysis could reveal the existence of different
21	organic optical brighteners on each page?
22	MR. ARGENTIERI: Objection as to form.
23	A. Yes.
24	Q. It's also possible GC/MS analysis could

reveal chemical differences in the chemical

1	Aginsky
2	composition of the paper; correct?
3	MR. ARGENTIERI: Objection as to form.
4	A. That's correct.
5	Q. So this finding does not mean that the
6	two pieces of paper, page 1 and page 2, of the
7	"work for hire" document are identical, does it?
8	MR. ARGENTIERI: Objection as to form.
9	A. Of course not.
10	Q. So to characterize your finding that
11	the two pieces of paper of the "work for hire"
12	document are identical would be to mischaracterize
13	your findings. Am I correct?
14	MR. ARGENTIERI: Objection as to form.
15	A. Yes.
16	MR. SOUTHWELL: I'm going to ask this
17	be marked
18	MR. ARGENTIERI: Let me ask, how much
19	time are you going to go?
20	How much time have we got in the
21	deposition so far?
22	THE VIDEOGRAPHER: Two hours, three
23	hours a little under three hours, plus 30
24	minutes now. So 3 hours, 20 minutes, 25
25	minutes.

1	Aginsky
2	MR. SOUTHWELL: We're going to keep
3	going till we're done. We'll go faster if you
4	stop your
5	MR. ARGENTIERI: Go faster.
6	MR. SOUTHWELL: your objections to
7	form after every question that are improper
8	and seemingly meant to disrupt the
9	proceedings.
10	If I could have this marked Defendants'
11	Exhibit 46, please.
12	MR. ARGENTIERI: That's assuming
13	intent, actually not.
14	MR. SOUTHWELL: Are you admitting to
15	it?
16	MR. ARGENTIERI: No. I might learn
17	something.
18	(Defendants' Exhibit 46, document 189,
19	marked for identification.)
20	Q. I'm showing you Defendants' Exhibit 46,
21	which is a document filed in this case, document
22	189. I would direct your attention to page 2.
23	There is a section here that relates to paper
24	testing, which in the second I'll just read it.
25	Paper tests can be performed to confirm

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the consistency of two pieces of paper. Valerie Aginsky confirmed that the two pieces of paper, page 1 and page 2, of the Facebook contract are identical.

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Did I read this Defendants' Exhibit 46 correctly?

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9

A. Yes, other than my name, everything else is correct. My name is Valery, not Valerie.

10

Q. Valery. Excuse me. Thank you.

11

12

that you, Dr. Aginsky, confirmed the two pieces of

13

paper, page 1 and page 2, of this Facebook

14

contract are identical, that is not accurate. Am

15

I right?

MR. ARGENTIERI: Objection as to form.

So this section of this brief stating

16 17

A. It's not accurate, no.

18

Q. Now let's turn back to your

19

declaration. In paragraph 9 you describe your

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finding with respect to ink. Specifically you

21

state, Based on my visual and microscopic UV, IR

2223

absorption, and IRL examinations of the agreement,

I found no discernible difference in ink used to

24

write the interlineation on page 1 of the

inks; correct?

Correct.

24

1	Aginsky
2	Q. In fact, later in your declaration you
3	state TLC and GC/MS should be used to learn more
4	about the inks; right?
5	A. Yes.
6	Q. So the findings of no discernible
7	difference does not mean the ink used in the
8	interlineation and signatures is the same ink;
9	correct?
10	MR. ARGENTIERI: Objection to form.
11	A. Of course. The level of analysis
12	doesn't allow us to say that the ink is the same.
13	Q. So to characterize your findings with
14	respect to the ink as confirming that all of the
15	ink on the "work for hire" document is the same
16	ink would be a mischaracterization of your
17	finding; correct?
18	MR. ARGENTIERI: Objection as to form.
19	A. That's correct.
20	Q. Now let's turn back here to Defendants'
21	Exhibit 46, directing your attention to the middle
22	paragraph just right after where I read before.
23	MR. ARGENTIERI: Page 2?
24	Q. Yeah, in the middle after doc 56 after

paragraph 8. It starts, He, meaning Valery

1	Aginsky
2	Aginsky, confirmed that the ink used to compose
3	interlineations on page 1 of the agreement was the
4	same ink used to date the Facebook contract on
5	page 2.
6	Did I read that section of the brief
7	correctly?
8	A. Yes.
9	Q. And that section of this brief is not
10	an accurate representation of your findings;
11	correct?
12	MR. ARGENTIERI: Objection as to form.
13	A. That's correct.
14	Q. This is in fact a mischaracterization
15	of your findings; right?
16	MR. ARGENTIERI: Objection as to form.
17	A. Yes.
18	Q. Let's turn back in your declaration to
19	paragraph 9. You describe your finding regarding
20	toner, and specifically you state sorry, 10,
21	you state, Based on my visual, microscopic, UV, IR
22	absorption, and IRL examinations of the agreement,
23	I found no discernible difference in the toner on
24	page 1 and 2 of the agreement.

And again, finding no discernible

1	Aginsky
2	difference simply means you could not
3	differentiate it at this particular level of
4	analysis, meaning a visual inspection; correct?
5	MR. ARGENTIERI: Objection to the form.
6	A. Yes, visual and microscopic, correct.
7	Q. Thank you.
8	And again, it's possible that chemical
9	analysis such as TLC or GC/MS could reveal
10	differences in various aspects of the toner;
11	correct?
12	MR. ARGENTIERI: Objection as to form.
13	A. That's correct, that is what I do
L 4	typically. I always reveal differences in toner
15	which are not distinguishable at the level of
16	optical analysis by using GC/MS, TLC, and FT-IR
17	microscopy.
18	Q. Now, prior to submitting the
19	declaration, had you ever reviewed Larry Stewart's
20	analysis of the toner in this case?
21	A. I had never reviewed anything that was
22	done by Larry Stewart in this case.
23	Q. So either before, after, or at any time
24	you've never reviewed anything that Mr. Stewart

submitted with respect to analysis of toner;

	rage 139
1	Aginsky
2	correct?
3	A. That's correct.
4	Q. So I guess it goes without saying that
5	in making your findings you are not confirming any
6	of Mr. Stewart's findings; correct?
7	MR. ARGENTIERI: Objection. Objection.
8	A. Yes, of course I cannot confirm
9	something that I had never reviewed. And I
10	understand that my analysis was before his
11	analysis, so I couldn't confirm any analysis that
12	was not done at that time.
13	Q. So to say that the findings contained
L 4	in paragraph 10 of your report confirm
15	Mr. Stewart's TLC analysis would not be an
16	accurate statement of your findings; right?
17	MR. ARGENTIERI: Objection as to form.
18	A. I agree.
19	Q. I want to understand a little bit more
20	about what it's in and what is not included in
21	your declaration. So to be clear, you do not
22	conclude in your declaration that the "work for
23	hire" document is a genuine document; right?

You wouldn't say that your findings

That's correct.

Α.

Q.

24

1	Aginsky
2	conclusively establish the authenticity of the
3	"work for hire" document; right?
4	MR. ARGENTIERI: Objection.
5	A. That's correct.
6	Q. You do not conclude that it was
7	actually signed on April 28th, 2003; right?
8	MR. ARGENTIERI: Objection as to form.
9	A. That's correct.
10	Q. Other than the date written on the
11	signature lines, you did not find forensic
12	evidence that it was actually signed on April
13	28th, 2003; correct?
14	MR. ARGENTIERI: Objection.
15	A. Correct.
16	Q. You did not conduct any ink-dating
17	tests of the document?
18	MR. ARGENTIERI: Objection.
19	A. I did not.
20	(Discussion off the record.)
21	MR. SOUTHWELL: Do you have a basis for
22	these objections or are you just doing it for
23	some other reason?
24	MR. ARGENTIERI: Yeah, I have a basis.
25	It's an objection.

1	Aginsky
2	MR. SOUTHWELL: What's your basis?
3	MR. ARGENTIERI: What, the last
4	question?
5	MR. SOUTHWELL: Yeah.
6	MR. ARGENTIERI: You mean this is the
7	part where you really want to ask my opinion
8	rather than ignoring it before? I mean
9	MR. SOUTHWELL: I'd like to know if you
10	actually have a legitimate basis or you're
11	simply saying "objection" after every question
12	to be an obstructionist.
13	MR. ARGENTIERI: The basis is you're
14	asking him a question about analysis about
15	genuineness of things and you haven't
16	developed whatever. Let's move on.
17	MR. SOUTHWELL: All right. I'll take
18	that as a no basis.
19	MR. ARGENTIERI: No.
20	Q. Dr. Aginsky, you did not conclude that
21	the document was actually signed by Mark
22	Zuckerberg or Paul Ceglia; correct?
23	A. That's correct, and I am not a
24	handwriting expert. I am not qualified to come to
25	any conclusions regarding who signed the document.

1	Aginsky
2	Q. Right. You did not examine the ink
3	handwriting in any way; right?
4	A. I did not.
5	MR. ARGENTIERI: Objection. The basis
6	is he looked at the ink when you ask a
7	question in that manner, the basis is you're
8	assuming things that he said go ahead.
9	Just so
10	MR. SOUTHWELL: He answered the
11	question.
12	MR. ARGENTIERI: I can state my basis,
13	but I object to the way you ask these
14	questions.
15	MR. SOUTHWELL: That's fine.
16	MR. ARGENTIERI: They are generalized
17	questions. He's giving you generalized
18	answers.
19	MR. SOUTHWELL: Are you done,
20	Mr. Argentieri?
21	MR. ARGENTIERI: Yeah, I'm done.
22	Q. Now, Dr. Aginsky, we discussed a little
23	earlier how the "work for hire" document was
24	faded, the ink was faded, and the document was
25	discolored when it was presented to defendants.

1	Aginsky
2	And you understand that it is defendants' position
3	that Mr. Ceglia or someone working with him
4	damaged the document prior to its production to
5	the experts.
6	Do you remember we talked about that?
7	A. I remember talking about that.
8	Q. And I understand as part of your
9	examination you illuminated the "work for hire"
10	document with UV lamps of varying wavelengths;
11	right?
12	A. Yes.
13	Q. During your UV examination, did you
14	observe the back of the document fluoresce any
15	differently than the front?
16	A. No.
17	Q. Did you observe the front fluoresce
18	dully or was it fluorescing
19	MR. ARGENTIERI: Objection.
20	Q. Strike that.
21	Did you observe normal fluorescence
22	that one might expect from a white piece of paper
23	with optical brighteners on both the front and
24	back?
25	MR. ARGENTIERI: Objection.

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A. Yes. And actually I have -- on my work notes I have the actual color of the fluorescence of the page.

MR. SOUTHWELL: Let's mark this,

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please, as the next exhibit.

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Q. And I will hand you back your originals, and then we will have marked this as the next exhibit and discuss it with you.

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(Defendants' Exhibit 47, handwritten

11

work notes of Aginsky, marked for

12

identification.)

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Q. So that is now marked as Defendants'

14 15 Exhibit 47. These are your two pages of what you've referred to as your work notes that we made

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a copy of over the lunch break; is that correct?

17

A. Yes.

18 19 Q. And what was your observation about fluorescence with respect to the two-page "work

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for hire" document?

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A. On the first page you can see the word

22

23

"paper" then two arrows, P1 and P2, which relates to page 1 and page 2. And then there is the word

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"blue" on the page 1 and page 2, and that relates

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to UV 254. 254 nanometers is a short-wave UV

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Aginsky

2 light which is used to -- was used to illuminate
3 the page, both pages.

So the pages on the face and on the back, they are being illuminated with this UV light with the 245 nanometers that's wavelengths. They showed blue fluorescence or luminescence, so both face and back.

When I switched from short-wave to long-wave fluorescence -- and that's the UV 366 nanometers -- the fluorescence of the paper changed to blueish white. And it was bluish white for both pages on the face and on the back.

- Q. Did you observe any uneven fluorescence or anomalies in the fluorescence in any part of the pages?
 - MR. ARGENTIERI: Objection to the form.
- A. No, I didn't observe any changes in the fluorescence pattern along the page. If I did, I would take a picture and I would take a note.
- Q. Now, in your interrogatories,

 Defendants' Exhibit 44 that you have in front of

 you, you described on page 6 -- sorry -- yes, on

 page 6, which in the top right corner is page 9 of

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You described here the various UV analyses that you did on the "work for hire" document; is that right? Why don't you take a minute to read through the two paragraphs under answer on the top of page 6.

- A. Is that my declaration?
 - Q. No, the interrogatory answers.

 MR. ARGENTIERI: The interrogatory answers.
 - A. I'm sorry.

Q.

So page 6 as it reads on the bottom, the top half of the page has this answer. Do you see that? If you could just read that, please, to yourself.

Defendants' Exhibit 44. That's it.

- A. The first paragraph?
- Q. Both the first and the second. (Pause.)
- A. Yes.
- Q. Do these two paragraphs on page 6 of Defendants' Exhibit 44 accurately represent -- or accurately portray all of the UV examination of the "work for hire" document, including the different wavelengths you used and the amount of

1	Aginsky
2	time that you exposed the document to UV?
3	MR. ARGENTIERI: Objection.
4	A. Yes.
5	Q. Now, in addition to this UV
6	illumination and the other nondestructive visual
7	examination you did, did you conduct an ESDA
8	examination?
9	A. No, I did not.
10	Q. Did you do an examination with side
11	lighting at all?
12	A. I typically do, and I didn't mention it
13	as a separate type. But when I when I said
14	that I examined paper, when you asked me about the
15	thickness of the paper, and I used the magnifying
16	glasses, I also used a source of light.
17	And of course it was done under the
18	sharp angle. So that can be considered as a side
19	lighting. And I typically do it that's the
20	most effective way to determine the surface
21	texture of the paper or anything any material
22	on the paper.
23	So yes, I did. I did use side lighting
24	examination.

Did you view the document under a

Q.

	rage 100
1	Aginsky
2	stereomicroscope at all?
3	A. No, I did not.
4	Q. Now, after these examinations that you
5	did on July sorry, strike that January 13th,
6	2011, did you notice any change in the paper or
7	ink of the "work for hire" document?
8	MR. ARGENTIERI: Objection to the form.
9	A. No, nothing was nothing changed
10	during my examination on that date.
11	Q. And as a result of the examinations you
12	performed, including this UV illumination for the
13	times that you detailed here in your answers to
14	interrogatories, Defendants' Exhibit 44, would you
15	expect there to be a change or damage to the paper
16	or ink?
17	MR. ARGENTIERI: Objection.
18	A. No, I wouldn't expect any damage to the
19	ink, any fading or any damage to the paper based
20	on the amount of exposure that I used because this
21	is what I typically do and what I shouldn't
22	I cannot say that everybody but that's an accepted
23	routine in the field of forensic document

During that type -- during that --

examination.

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1	Aginsky
2	using those types of analysis, it is not possible
3	to damage the document. If it was damageable to
4	the document, that would be reflected in ASTM
5	standard or other publications recommending not to
6	use a particular technique because it's too
7	damageable for a document.
8	Q. So based on the amount of time that you
9	used the equipment that you've detailed, you were
10	not worried about damaging the document; correct?
11	MR. ARGENTIERI: Objection.
12	A. That's correct.
13	Q. I want to talk about the kinds of
14	chemical analysis that can be used to date
15	ballpoint inks, and we've talked about that a
16	minute.
17	Actually, let's take a moment to take a
18	break, a short bathroom break. We're getting
19	close to the end.
20	THE VIDEOGRAPHER: Off the record
21	p.m.
22	(Recess taken from 3:16 to 3:37.)
23	THE VIDEOGRAPHER: Going back on the
24	record at 3:37 p.m.
25	Q. Dr. Aginsky, let's turn to talk about

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the kinds of chemical analysis that can be used to date ballpoint ink. Are you familiar with the term "static method" and "dynamic method"?

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Can you tell us the distinction between 0. the two?

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Α. The static approach includes methods that analyze the composition of inks, of an ink, to determine -- first of all to identify formula of an ink and to determine when this particular formula or formulation was first manufactured,

12

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first came into existence.

ink jetting, or stamp padding.

Yes.

14 15

dated, say, ten years ago bears ink that was first

Therefore, for example, if a document

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manufactured five years ago, that would mean that

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the document could not be repaired or signed ten

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years ago because the ink was not -- didn't exist

And the same relates to other

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at that time.

20 21

materials, paper. When paper first came into

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existence or any other material, including toner,

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And for a dynamic method, it's not Q.

necessary to identify an ink prior to doing the

1	Aginsky
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2 chemical testing; right?

MR. ARGENTIERI: Objection as to form.

A. If we consider the population of ballpoint inks, then you know that to determine or to evaluate the approximate age of ink on a document based on the particular ink-aging parameters that are measured, it is not necessary to identify the formulation of this ink to determine when this ink or approximately was placed on the document.

In other words, if the ink is aging and the document is dated several years ago and it is known that no ink would continue aging if it's older than two years, then if the methodology was applied correctly then that would mean that the ink is younger than it purports to be.

Q. Now, through your deposition you've discussed both thin-layer chromatography, TLC, or gas chromatography/mass spectrometry. Those methods are widely accepted for use on inks; correct?

MR. ARGENTIERI: Objection.

A. Yes, they are used all over the world.

Again, if used properly, the methods are very

1	Aginsky
2	reliable for ink analysis and comparison. And
3	this is why they are part of at least two ASTM
4	standards that relate to ink comparison and ink
5	identification.
6	Q. So it's not a problem to use GC/MS
7	testing on ink; right?
8	MR. ARGENTIERI: Objection as to form.
9	A. No, GC/MS is an analytical method which
10	is very reliable and, as I said, used all over the
11	world, not only in forensic labs but in many areas
12	of human activity, like food analysis,
13	pharmaceutical analysis, and many other types of
14	analysis.
15	And the method is most useable
16	analytical method, probably the most useable in
17	the world, as an analytical technique. We're not
18	talking about a specific procedure, but as a
19	method it's very reliable.
20	Q. So someone who said it was a problem to
21	use GC/MS testing on ink, that it should only be
22	used for research and not, for example, casework,
23	you would not agree with that; right?

MR. ARGENTIERI: Objection as to form.

It depends on what someone that you

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Aginsky

mentioned meant by this. GC/MS as an analytical method, as I said, is very reliable, and there are a lot of publications, books, devoted to this method.

But this method, analytical method, can be used as a basis for many procedures, specific procedures, like the analysis of pesticides in milk using GC/MS or the analysis of comparison of ink by GC/MS or determine the age of ink using GC/MS.

Depending on what that someone that you mentioned meant, that would -- I mean, in other words, the criticism or should be more specific for me to answer this question.

Q. Fair enough. But GC/MS testing on ink is commonly accepted and used for casework regularly; is that right?

MR. ARGENTIERI: Objection as to form.

- A. Yes, the GC/MS analysis of ink and comparison of ink is a part of ASTM standard. If probably -- if you're asking me about the use of GC/MS for ink aging, if this is the question, then I would answer.
 - Q. I'm getting to that.

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So GC/MS is commonly used to analyze noncolorant components of ink, such as solvents or resins; right?

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MR. ARGENTIERI: Objection.

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A. Yes, that's correct.

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Q. And one solvent that can be measured with GC/MS is 2-phenoxyethanol, or PE; correct?

9

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A. Yes.

10 11 Q. And a fundamental aspect of GC/MS analysis is that it's important to get good chromatography; right?

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MR. ARGENTIERI: Objection as to form.

14 15 A. Yes, the analysis should be conducted at a sufficient proficient -- level of

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proficiency. In other words, the analyst should

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be experienced enough to use GC/MS, and he or she

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should know very well the capabilities and

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limitations of the GC/MS analysis as well as he or

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she should know very well the ink chemistry and

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specifically the composition of inks and how to take samples properly for the analysis, samples of

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ink for the analysis.

Q. The phrase that I used of "good

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chromatography," that generally means getting good

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Aginsky

peak shape and good resolution when doing GC/MS
analysis; right?

MR. ARGENTIERI: Objection as to form.

A. Yes, this is one of the aspects of the analysis if we have -- let's say, as an example, if we analyze cheese or perfume which contains two or three hundred components, constructible and analyzable by GC/MS, the analysis should be conducted at a level that would allow to separate all of those components.

For this reason the peak shape should be -- should not be a tailing; it should be a symmetrical, sharp, triangle. So each peak should be represented by a symmetrical, sharp, triangle.

- Q. If one obtains good chromatography in whatever the analysis is, that's important for sound results; is that right?
- A. Yes, without good chromatographic separation, it is generally impossible to get a reliable result.
- Q. Now, different labs could test the same component and use slightly different parameters, such as pressure or timing or temperature, and still get good chromatography; right?

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MR. ARGENTIERI: Objection as to form.

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Yes, that's correct. In other words,

the same procedure can be used by many labs in different countries, and they might use different brand names. But the results are supposed to be very similar. The level of their proficiency is similar.

Ο. So labs might not use the exact same step-by-step methods but still obtain good chromatography and therefore sound results in their analysis; right?

MR. ARGENTIERI: Objection.

- Yes, that's correct. In other words, Α. in order to get from Town A to Town B, we could use Ford or we could use Maserati. It doesn't matter what we use. If we are good drivers, we will be there. It will be simply different time it will take.
- As long as you're doing good chemistry, 0. the settings of the machine or the process or the steps could be slightly different. You'll still get to the same sound result if you do good chemistry. Is that another way of saying it? MR. ARGENTIERI: Objection to form.

	Page 177
1	Aginsky
2	A. Yes.
3	Q. Now, you stated in your June 2011
4	declaration and you've mentioned earlier here
5	about the fact that ballpoint ink's age on paper
6	within two years and they age at a rate that can
7	be measured; right?
8	A. Yes, up to two years.
9	Q. Up to two years.
10	A. It could be much less than that, but
11	never longer than two years.
12	Q. And it's correct that some inks,
13	ballpoint inks, might age more quickly, and some
14	might be slower, but that rate can be measured and
15	it's not longer than two years; right?
16	A. Yes.
17	Q. Yes. Okay.
18	A. This parameter that is measured for
19	for the first method I mentioned, SCT, sequential
20	construction technique, this parameter can be
21	measured for up to two years if the ink continues
22	aging during up to two years.
23	Q. Right.

parameter can be measured up to approximately one

Or the solvent loss ratio method, this

Α.

24

	rage 170
1	Aginsky
2	year and a half.
3	Q. In running a PE-based ink-aging
4	analysis, first one has to determine whether the
5	particular ink formulation contains PE; right?
6	A. Yes.
7	Q. And it's not necessary to match a
8	particular formulation of ink with a known ink in
9	order to determine if it contains PE; correct?
10	MR. ARGENTIERI: Objection as to form.
11	A. That's correct.
12	Q. If the ink formulation is found to
13	contain PE through a full-scan GC/MS run, then
14	it's possible to conduct the ink-aging analysis of
15	PE assuming there's a sufficient amount of PE;
16	right?
17	MR. ARGENTIERI: Objection.
18	A. Yes.
19	Q. And as you testified, inks generally
20	or ballpoint inks generally age for up to two
21	years if sorry, strike that.
22	If you were given a hypothetical of a
23	particular percentage finding about the amount of

evaporation of PE from ink, there are a number of

other things you would want to know about the ink

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on the document and the methodology before making a conclusion about what that meant about how old the ink is; is that right?

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MR. ARGENTIERI: Objection as to form.

In order to determine how old the ink

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is, the ink -- it should be a ballpoint ink. It should contain PE, sufficient amount for the

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analysis. And the ink-aging parameter that is

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measured should change.

If it's changing, it shows that the ink

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is aging. Then depending on the extent at which

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the parameter is changing, it is possible to

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determine the time frame within which the ink has

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been place on the document, assuming the

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conditions of storage were normal.

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So, for example, for the solvent loss

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ratio method, it is possible to determine that the ink is younger than six months if the parameter --

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it is called R, R percentage -- if that

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parameter -- if the results obtained for the

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questioned ink exceeds 50 percent.

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Q. And if you were asked just generically

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about a percentage that is above 50 percent, would that be sufficient for you to conclude that the

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Aginsky

ink is less than six months old or are there other pieces of information that you would need?

A. I mentioned just solvent loss ratio method. As I said, I typically use both, sequential construction technique and solvent loss ratio method. So if both methods would show the result that the ink is aging at a rate showing the ink is younger than six months, then my conclusion will be that the ink is younger than six months.

It should be a conditional conclusion because it depends on the storage conditions.

What I mentioned sometime at the beginning of this deposition, if someone would put a document in the freezer, then the document which is actually one year old might show the result as if it is younger than six months, simply because it was -- it didn't -- it didn't age at a normal rate; it was aging at a slower rate in the freezer.

And vice versa: If the document was somewhere in middle of the desert in the trunk of a car, then it might look as if it is completely -- the ink has completely aged, aged out. But in fact the actual age of the ink could be six months.

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Aginsky

than two years.

But it may look as if it's completely aged, and the conclusion would be that -- actually it is more difficult to opine in a situation when the ink is not aging. We cannot say for sure that the document is older than six months or older

It's a conditional conclusion, provided that the document had been stored at normal conditions, the ink is at least six months old if -- if the ink is not aging. Or it could be older than two years if it's a slow-aging ink.

- Q. Right. And you mentioned if it was -in your hypothetical example the document had been
 kept in the freezer for a year, it would actually
 be in freezer for an entire period of a year, that
 might slow the evaporation process and affect the
 results?
- A. Yes, for sure it will slow -- it's not even the evaporation what is important. What's important is the -- how the resin -- one of the three major components of ballpoint ink, how this resin is changing over time.

Resin is a matrix. With time, after we have placed ink on paper, the resin -- the ink --

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the PE or other solvents, they became evaporating,
and the resin becomes -- there are some physical
and chemical processes, one of which is
polymerization.

Just for simplicity, if we consider only polymerization process. So the resin starts polymerizing, and this process can stop as quickly as after six months or it can stop as long as two years.

This is what important, not how much of PE is in the ink but how old the resin is.

- Q. Right. And as I think you mentioned, what's also relevant here is whether the ink is slow aging or -- slow drying or fast drying; right? That's also a factor that would enter into that kind of conclusion; right?
- A. Yes, the rate at which resin is polymerizing is -- it could be as slow-aging ink or fast-aging ink.
- Q. When you're talking about the lost solvent method, when you're measuring a PE loss ratio, what you're measuring is the amount of PE that was present at the ink at the time of testing and comparing it to the amount of ink present in a

1	Aginsky
2	sample after heating; is that right?
3	A. Yes.
4	Q. So it's not necessary for the test to
5	know how much PE was in the ink when the pen was
6	actually put to paper; right?
7	MR. ARGENTIERI: Objection.
8	A. That's correct, it doesn't matter how
9	much PE was there. Assuming that the PE wasn't
10	one of the major solvents, that's what important.
11	Sometimes PE is just a subsidiary, is almost like
12	an impurity to a major solvent, which could be
13	benzoyl alcohol or something like that.
14	But in most ballpoint ink formulations,
15	PE is a major solvent, and it doesn't matter what
16	was the absolute amount of PE used by the ink
17	manufacturer. It doesn't matter.
18	Q. And the PE loss ratio does not tell one
19	anything about how much PE was in the ink
20	formulation when the pen was put to paper;
21	correct?
22	MR. ARGENTIERI: Objection as to form.
23	A. No, the solvent loss ratio method
24	measures a specific ink-aging parameter that

doesn't relate at all to the initial concentration

	Page 184
1	Aginsky
2	of PE in the fresh ink.
3	Q. And you mentioned sort of in the course
4	of this discussion the storage conditions, and you
5	have no knowledge about what the storage
6	conditions were of the "work for hire" document;
7	correct?
8	A. That's correct.
9	Q. And you have no knowledge about what
10	the circumstances of execution of this purported
11	document are; correct?
12	MR. ARGENTIERI: Asked and answered.
13	A. That's correct.
14	Q. When I think you testified you spoke
15	with Mr. Ceglia about three weeks ago, did the
16	topic of the storage conditions and what the
17	storage conditions were come up in that
18	conversation?
19	A. Three weeks ago? No.
20	Q. Did that topic come up when you first
21	met with him in January of 2011?
22	A. No.
23	Q. Can you pull out your interrogatory
24	answers again. Give me just a moment to put my

hands on it.

1	Aginsky
2	(Pause.)
3	Q. Can you turn to your response to
4	Interrogatory 10, which is on the last page, page
5	9. And you testified about this earlier, but I
6	want to ask you some questions about this.
7	You say that you had on July 25th
8	you were e-mailed five images, PDF of the evidence
9	copies of portions of the document that had been
10	taken by Mr. Jerry LaPorte using a Foster &
11	Freeman video spectral comparator.
12	That's your answer in this
13	interrogatory; right?
14	A. Yes.
15	Q. And what is your well, who e-mailed
16	those to you? Did Mr. LaPorte e-mail them to you
17	or someone else?
18	A. No.
19	Q. Do you recall who e-mailed them to you?
20	A. This is what I said I need to double-
21	check. I have this e-mail, and I will find out.
22	Q. Okay. Let's put another blank in the
23	transcript and you can try to find that one out as
24	well, please.
25	TO BE FURNISHED:

1	Aginsky
2	·
3	Q. What is your basis for saying that
4	Mr. LaPorte took those images?
5	A. I think there are two bases for this.
6	One is I believe his name was mentioned to me when
7	we discussed the images over the phone. And
8	second, I saw some notations that were printed by
9	the machine, and I believe this is consistent with
10	the VSC that he is using.
11	Q. And who are your
12	A. I might be wrong, but just to
13	Q. I understand that.
14	Who were your discussions with where
15	Mr. LaPorte's name was mentioned?
16	A. It was the same person who sent me the
17	e-mail. I will double-check. I don't remember
18	right as of today.
19	Q. You understand that pictures that
20	the images were taken on July 25th of 2011; is
21	that right?
22	MR. ARGENTIERI: Objection as to form.
23	It says he was e-mailed that but
24	A. Yes, I was given I received the
25	images. They were e-mailed to me on that on

1	Aginsky
2	that date, July 25th.
3	Q. Right. So you got the e-mail on July
4	
4	25th. Are you aware of the fact that there was an
5	inspection of the "work for hire" document on July
6	25th, 2011?
7	A. I was aware that there was an
8	inspection in July, sometime in July. As of
9	today, I don't remember if I knew that exactly on
10	that date there was an inspection of the document.
11	Q. Are you aware that the inspection of
12	the documents was videotaped?
13	A. Again, I don't remember for sure. I
14	assume that in a case like this everything should
15	be videotaped.
16	Q. Are you absolutely sure that these were
17	images taken by Mr. LaPorte?
18	MR. ARGENTIERI: Objection. You
19	mean objection as to we've already gone
20	through the stipulation. He's just going to
21	give us the PDF. I don't know how you want
22	him to answer a question he already said he's
23	got to look at the PDF. I mean
24	MR. SOUTHWELL: It's just that

 ${\tt Mr.}$ LaPorte was actually not there on the 25th

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Aginsky

and --

Q. Let me ask you this: Are you aware that a review of the video would show it was Mr. Speckin who was taking images of the document on July 25th using VSC and not Mr. LaPorte?

MR. ARGENTIERI: Objection to the form but if he knows.

A. Yes, it could be. I think the basis for me to put Mr. LaPorte's name here was, number one, that I most probably was told that it was him; and number two, as I said, the images were consistent -- the titles or what was printed under the images, it was consistent with what I typically see when I review his images.

But of course anybody else could use similar equipment, and that would be the same type of printing under the images.

- Q. And to be clear, the printing under the images is reflective of the model number of the VSC, not -- there's not some indicator that it's like Jerry LaPorte's VSC; right?
- A. Yes, that's correct, that's the model number of VSC.
 - Q. If someone else was using the same

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Aginsky

model VSC, you would perhaps see the same legends?

- A. Yes, that's correct.
- Q. We have up here, which I'm going to show you, a few VSC printouts that were obtained in discovery from Mr. Speckin. We're going to put up on the screen VSC printout 005, and the camera can capture that. I want to ask if you can recognize these as the images that you saw that you're referring to here in your answer to Interrogatory Number 10.
- A. It looks very familiar to what I -- to what -- to one of the five images that I was -- that I received via e-mail.
- Q. Okay. Let's look at VSC printout 004, and I'll ask you, after looking at that, whether that also looks familiar to the ones that you received in e-mail on July 25th, 2011.
 - A. From my memory, it looks familiar, yes.
 - Q. Okay. VSC printout 003.
 - A. It looks familiar.
- Q. Just while we're on this image of VSC 003, do you see those sort of whitish rectangular pieces there? When you observed the "work for hire" document, you didn't see anything that

	Page 191
1	Aginsky
2	to the court, and the reference here to PDF copies
3	of portions of the document that have been
4	captured, as you stated, by Mr. Jerry LaPorte
5	using a Foster & Freeman VSC; right?
6	A. Yes.
7	Q. And if you determined that those were
8	not images taken by Mr. LaPorte, do you agree that
9	it's appropriate to clarify this interrogatory so
10	that the court is not under the incorrect
11	impression?
12	A. Yes, of course. As I said, I I
13	didn't know for a fact that it was Gerald LaPorte,
14	so I just assumed, based on the information that I
15	received, and based on what I said I think it was
16	consistent with the equipment that he typically
17	uses.
18	Q. I understand. And you're going to go
19	back and check. And if it turns out that it
20	<pre>wasn't, you'll correct this interrogatory;</pre>
21	correct? Yes?
22	A. Yes. I don't know how and what should
23	I prepare another document?

MR. ARGENTIERI: Yeah, we can help you

24

1	Aginsky
2	interrogatory.
3	Q. Yeah, I think you can simply amend this
4	answer and sign it, and that will probably do.
5	MR. ARGENTIERI: And his explanation
6	won't need anything further just to change the
7	answer. We'll find out. He has to go back
8	and look at the images.
9	Q. Is there anything else that you've
10	testified to today that upon reflection you would
11	like to clarify or modify?
12	MR. ARGENTIERI: Do you want the
13	testimony read back, Doctor, the whole day?
14	A. No, I think I don't remember
15	anything that I would like to clarify or amend.
16	MR. SOUTHWELL: Okay. Nothing further
17	at this time.
18	MR. ARGENTIERI: And I have no
19	questions, and I believe Dean, you don't
20	have any questions, do you?
21	MR. BOLAND: No, no, we have no
22	questions.
23	MR. ARGENTIERI: No questions.
24	MR. SOUTHWELL: Thank you, Dr. Aginsky,
25	then. We're done.

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2	CERTIFICATE
3	STATE OF NEW YORK)
4	: ss.
5	COUNTY OF NEW YORK)
6	
7	I, LAURIE A. COLLINS, a Registered
8	Professional Reporter and Notary Public
9	within and for the State of New York, do
10	hereby certify:
11	That VALERY N. AGINSKY, the witness
12	whose deposition is hereinbefore set forth,
13	was duly sworn by me and that such
14	deposition is a true record of the
15	testimony given by the witness.
16	I further certify that I am not
17	related to any of the parties to this
18	action by blood or marriage, and that I am
19	in no way interested in the outcome of this
20	matter.
21	IN WITNESS WHEREOF, I have hereunto
22	set my hand this 13th day of August 2012.
23	

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LAURIE A. COLLINS, RPR

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		, 2012.	

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