UNITED	STATES PAT	ENT AND	TRADI	EMARK	OFFICE
BEFORE	THE PATEN	T TRIAL	AND A	APPEAL	— BOARD
PALO ALTO NET	WORKS, INC				
Pe	etitioner		CASI	E NO.	
vs.			IPR	2015-0	1979
FINJAN, INC.					
Pa	atent Owne	r			

DEPOSITION OF AVIEL RUBIN, PH.D.

MONDAY, NOVEMBER 14, 2016

12:49 P.M.

102 W. PENNSYLVANIA AVENUE,

THE ROYSTON BUILDING, SUITE 350

TOWSON, MARYLAND 21204

REPORTED BY: Ronda J. Thomas, RPR, CRR



	17	lovelimer	14	, 2016		
1	APPEARANCES:	Page 2	1		INDEX TO EXHIBITS	Page 4
2			2		AVIEL RUBIN, Ph.D.	
3	ON BEHALF OF THE PATENT OWNER:		3	Palo	Alto Networks, Inc. vs. Finjan, Inc.	
4	MICHAEL LEE, ESQUIRE		4		Monday November 14, 2016	
5	Kramer, Levin, Naftalis and Frankel, L	LP	5		-	
6	990 Marsh Road		6	Exhibit No.	Mar	ked
7	Menlo Park, California 94025		7	Exhibit 1	Supplemental Declaration of Aviel	6
8	Telephone: 650-752-1416		8		Rubin In Support Of Petitioner's	
9	Email: Mhlee@kramerlevin.com		9		Reply	
10			10	Exhibit 2	Article, "Install-Time Vaccination	11
11	ON BEHALF OF THE PETITIONER:		11		of Windows Executables to Defend	
12	BRIAN EUTERMOSER, ESQUIRE		12		Against Stack Smashing Attacks."	
13	Cooley, LLP		13	Exhibit 3	U.S. Patent No. 8,141,154	30
14	380 Interlocken Crescent, Suite 900		14	Exhibit 4	U.S. Patent Application No.	30
15	Broomfield, Colorado 80021		15		2005-0108562 to Khazan	
16	Telephone: 720-566-4203		16			
17	Email: Beutermoser@cooley.com		17			
18			18			
19			19			
20			20			
21			21			
22			22			
23			23			
24			24			
25	ALSO PRESENT: ADAM NUDELMAN, VIDEOGRAPHER		25			
1	INDEX TO EXAMINATION	Page 3	1	MONI	DAY, NOVEMBER 14, 2016, TOWSON, MAR	Page 5
2			2		12:49 P.M.	
3	WITNESS:		3		* * *	
4	Examination By:	Page	4		PROCEEDINGS	
5	Mr. Lee	6	5		THE VIDEOGRAPHER: Here begins t	ape number
6			6	one in the	e videotaped deposition of Dr. Avie	el Rubin in
7			7	the matter	of Palo Alto Networks, Inc. versu	ıs Finjan,
8			8	Inc., in t	the U.S. District Court for the Nor	rthern
9			9	District o	of California. San Jose Division.	Case No.
10			10	IPR2015-01		
11			11		Today's date is 11/14/16. Time	
12			12		tor is 12:49 p.m. Videographer to	
13			13		representing Gore Brothers. Video	-
14			14		place at Gore Brother, 102 West Per	nsylvania
15			15	Avenue, To	owson, Maryland.	
17			16	+1 7	Would counsel please voice ident	LIIY
18			17	tnemselves	and state whom they represent.	na Dat
19			18	Ormon Educati	MR. LEE: Michael Lee representi	ng ratent
20			19 20	Owner Finj	an, Kramer Levin. MR. EUTERMOSER: Brian Eutermose	ar with
21			20	Coolor on	behalf of Petitioner Palo Alto Net	
22			22	cooreà ou	THE VIDEOGRAPHER: Court reports	
23			23	Ronda Thom	nas representing Gore Brothers. Wil	_
1			2.5			.1 (11)
24			24	reporter r	please swear in the witness.	
24 25			24 25	reporter p Whereupon,	blease swear in the witness.	

		November		, 2016	
		Page 6			Page 8
1		AVIEL RUBIN, PH.D.,	1	Q	Which opinions are you referring to?
2		witness, having been first duly sworn to	2	A	The opinions in this document.
3	tell the ti	ruth, the whole truth, and nothing but the	3	Q	Can you summarize the opinions in this
4	truth, was	examined and testified as follows:	4	document t	hat you're referring to?
5		EXAMINATION BY MR. LEE:	5		MR. EUTERMOSER: Object to the form.
6	Q	Please state your full name and address for	6	Document s	peaks for itself.
7	the record.		7	A	It's a very short document so I don't think
8	A	Aviel David Rubin, at 3 Thornhaugh,	8	that I nee	d to summarize it. It's what it says here.
9	T-H-O-R-N-F	H-A-U-G-H, Court in Pikesville, Maryland	9	Q	Can you summarize it, though?
10	21208.		10		MR. EUTERMOSER: Same objection.
11	Q	Do you understand why you're here today?	11	A	I'm worried that if I summarize it I would
12	A	Yes.	12	leave some	thing out so I could read it to you if you
13	Q	Why are you here today?	13	would like	•
14	A	You are taking my deposition.	14	Q	So sitting here today, you cannot give me
15	Q	What do you understand this deposition to	15	any kind o	f summary of your declaration, correct?
16	be about?		16		MR. EUTERMOSER: Same objection. Also
17	A	My supplemental declaration in the '154	17	mischaract	erizes his testimony.
18	patent IPR	case.	18	A	I could but I would worry that if I
19		(Deposition Exhibit 1 was marked for	19	summarized	I might leave something out and so, you
20	purposes of	identification.)	20	know, it's	a very short document and I think it speaks
21	Q	You've been handed an exhibit marked as	21	for itself	•
22	Exhibit Nur	mber 1. Exhibit Number 1 is entitled,	22	Q	Please provide your summary?
23	"Supplement	al Declaration Of Aviel Rubin In Support Of	23		MR. EUTERMOSER: Same objections.
24	Petitioner	s Reply," marked as Palo Alto Networks	24	A	So I stated that I have personal knowledge
25	Exhibit 104	15.	25	of the fac	ts in this declaration. I list my rate. And
					-
1		Page 7 Is Exhibit Number 1 the supplemental	1	I talk abo	Page 9 ut the items that I was reviewing and my own
1 2	declaration		1 2	I talk aborexpertise.	3
	declaration A	Is Exhibit Number 1 the supplemental			3
2		Is Exhibit Number 1 the supplemental you're referring to?	2	expertise.	ut the items that I was reviewing and my own
2 3	A Q	Is Exhibit Number 1 the supplemental you're referring to? Yes.	2	expertise.	ut the items that I was reviewing and my own Then I describe the document, Medvidovic
2 3 4	A Q	Is Exhibit Number 1 the supplemental 1 you're referring to? Yes. Can you refer to page 7 of Exhibit Number	2 3 4	expertise.	the items that I was reviewing and my own Then I describe the document, Medvidovic transcript, and a document by Nebenzahl and 's a typo by the way. It should be "Wool"
2 3 4 5	A Q 1. Let me	Is Exhibit Number 1 the supplemental you're referring to? Yes. Can you refer to page 7 of Exhibit Number know when you're there.	2 3 4 5	expertise. deposition Wool it	the items that I was reviewing and my own Then I describe the document, Medvidovic transcript, and a document by Nebenzahl and 's a typo by the way. It should be "Wool"
2 3 4 5 6	A Q 1. Let me A	Is Exhibit Number 1 the supplemental 1 you're referring to? Yes. Can you refer to page 7 of Exhibit Number know when you're there. I'm there.	2 3 4 5 6	expertise. deposition Wool it and it say	Then I describe the document, Medvidovic transcript, and a document by Nebenzahl and 's a typo by the way. It should be "Wool" s "Wood."
2 3 4 5 6 7	A Q 1. Let me A Q	Is Exhibit Number 1 the supplemental 1 you're referring to? Yes. Can you refer to page 7 of Exhibit Number know when you're there. I'm there.	2 3 4 5 6 7	expertise. deposition Wool it and it say ordinary si	Then I describe the document, Medvidovic transcript, and a document by Nebenzahl and 's a typo by the way. It should be "Wool" s "Wood." Then after that I talk about that one of
2 3 4 5 6 7 8	A Q 1. Let me A Q page 7?	Is Exhibit Number 1 the supplemental n you're referring to? Yes. Can you refer to page 7 of Exhibit Number know when you're there. I'm there. Is that your signature at the bottom of	2 3 4 5 6 7 8	expertise. deposition Wool it and it say ordinary so application	Then I describe the document, Medvidovic transcript, and a document by Nebenzahl and 's a typo by the way. It should be "Wool" s "Wood." Then after that I talk about that one of kill would have known how to instrument
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2 3 4 5 6 7 8 9	A Q 1. Let me A Q page 7? A Q	Is Exhibit Number 1 the supplemental a you're referring to? Yes. Can you refer to page 7 of Exhibit Number know when you're there. I'm there. Is that your signature at the bottom of Yes.	2 3 4 5 6 7 8 9	expertise. deposition Wool it and it say, ordinary si application support, si	Then I describe the document, Medvidovic transcript, and a document by Nebenzahl and 's a typo by the way. It should be "Wool" s "Wood." Then after that I talk about that one of kill would have known how to instrument ms. And I give some quotes from Khazan that upport that.
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2 3 4 5 6 7 8 9 10 11	A Q 1. Let me A Q page 7? A Q 2016? A	Is Exhibit Number 1 the supplemental a you're referring to? Yes. Can you refer to page 7 of Exhibit Number know when you're there. I'm there. Is that your signature at the bottom of Yes. Did you sign this document on October 28th,	2 3 4 5 6 7 8 9 10 11 12	expertise. deposition Wool it and it say ordinary si application support, si discloses, what Detour	Then I describe the document, Medvidovic transcript, and a document by Nebenzahl and 's a typo by the way. It should be "Wool" s "Wood." Then after that I talk about that one of kill would have known how to instrument ins. And I give some quotes from Khazan that support that. And then I talk about things that Khazan discuss Detours, and how Khazan describes
2 3 4 5 6 7 8 9 10 11 12 13	A Q 1. Let me A Q page 7? A Q 2016? A	Is Exhibit Number 1 the supplemental a you're referring to? Yes. Can you refer to page 7 of Exhibit Number know when you're there. I'm there. Is that your signature at the bottom of Yes. Did you sign this document on October 28th, Yes. Why were you asked to put in a supplemental	2 3 4 5 6 7 8 9 10 11 12 13	expertise. deposition Wool it and it say ordinary s. application support, s. discloses, what Detour 132 API fur	Then I describe the document, Medvidovic transcript, and a document by Nebenzahl and 's a typo by the way. It should be "Wool" s "Wood." Then after that I talk about that one of kill would have known how to instrument as. And I give some quotes from Khazan that upport that. And then I talk about things that Khazan discuss Detours, and how Khazan describes as does. And why Khazan describes that Win
2 3 4 5 6 7 8 9 10 11 12 13 14	A Q 1. Let me A Q page 7? A Q 2016? A Q declaration	Is Exhibit Number 1 the supplemental a you're referring to? Yes. Can you refer to page 7 of Exhibit Number know when you're there. I'm there. Is that your signature at the bottom of Yes. Did you sign this document on October 28th, Yes. Why were you asked to put in a supplemental on October 28th, 2016?	2 3 4 5 6 7 8 9 10 11 12 13	expertise. deposition Wool it and it say ordinary s. application support, s. discloses, what Detour 132 API fur	Then I describe the document, Medvidovic transcript, and a document by Nebenzahl and 's a typo by the way. It should be "Wool" s "Wood." Then after that I talk about that one of kill would have known how to instrument ins. And I give some quotes from Khazan that support that. And then I talk about things that Khazan discuss Detours, and how Khazan describes ins does. And why Khazan describes that Win inctions are instrumentive. And some more
2 3 4 5 6 7 8 9 10 11 12 13 14 15	A Q 1. Let me A Q page 7? A Q 2016? A Q declaration	Is Exhibit Number 1 the supplemental a you're referring to? Yes. Can you refer to page 7 of Exhibit Number know when you're there. I'm there. Is that your signature at the bottom of Yes. Did you sign this document on October 28th, Yes. Why were you asked to put in a supplemental on October 28th, 2016? MR. EUTERMOSER: Object to the form.	2 3 4 5 6 7 8 9 10 11 12 13 14	expertise. deposition Wool it and it say ordinary si application support, si discloses, what Detout 132 API fut things that	Then I describe the document, Medvidovic transcript, and a document by Nebenzahl and 's a typo by the way. It should be "Wool" s "Wood." Then after that I talk about that one of kill would have known how to instrument ins. And I give some quotes from Khazan that support that. And then I talk about things that Khazan discuss Detours, and how Khazan describes ins does. And why Khazan describes that Win inctions are instrumentive. And some more to the talk about things that the win inctions are instrumentive. And some more to the talk about things that Win inctions are instrumentive. And some more to the talk about things that Win inctions are instrumentive. And some more to the talk about things that Win inctions are instrumentive.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	A Q 1. Let me A Q page 7? A Q 2016? A Q declaration Caution the	Is Exhibit Number 1 the supplemental a you're referring to? Yes. Can you refer to page 7 of Exhibit Number know when you're there. I'm there. Is that your signature at the bottom of Yes. Did you sign this document on October 28th, Yes. Why were you asked to put in a supplemental on October 28th, 2016? MR. EUTERMOSER: Object to the form.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	deposition Wool it and it say ordinary s application support, s discloses, what Detout 132 API fut things that	Then I describe the document, Medvidovic transcript, and a document by Nebenzahl and 's a typo by the way. It should be "Wool" s "Wood." Then after that I talk about that one of kill would have known how to instrument ins. And I give some quotes from Khazan that support that. And then I talk about things that Khazan discuss Detours, and how Khazan describes ins does. And why Khazan describes that Win inctions are instrumentive. And some more to Khazan describes. And then I talk about how one of ordinary
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	A Q 1. Let me A Q page 7? A Q 2016? A Q declaration Caution the counsel.	Is Exhibit Number 1 the supplemental a you're referring to? Yes. Can you refer to page 7 of Exhibit Number know when you're there. I'm there. Is that your signature at the bottom of Yes. Did you sign this document on October 28th, Yes. Why were you asked to put in a supplemental on October 28th, 2016? MR. EUTERMOSER: Object to the form. Witness not to reveal communications with	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	deposition Wool it and it say ordinary s application support, s discloses, what Detout 132 API fut things that	Then I describe the document, Medvidovic transcript, and a document by Nebenzahl and 's a typo by the way. It should be "Wool" s "Wood." Then after that I talk about that one of kill would have known how to instrument as. And I give some quotes from Khazan that upport that. And then I talk about things that Khazan discuss Detours, and how Khazan describes are does. And why Khazan describes that Win anctions are instrumentive. And some more to the Khazan describes. And then I talk about how one of ordinary the art would have known how to apply the of Khazan to instrument an executable
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	A Q 1. Let me A Q page 7? A Q 2016? A Q declaration Caution the counsel. A	Is Exhibit Number 1 the supplemental a you're referring to? Yes. Can you refer to page 7 of Exhibit Number know when you're there. I'm there. Is that your signature at the bottom of Yes. Did you sign this document on October 28th, Yes. Why were you asked to put in a supplemental on October 28th, 2016? MR. EUTERMOSER: Object to the form. Witness not to reveal communications with	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	deposition Wool it and it say ordinary s application support, s discloses, what Detour 132 API fur things that	Then I describe the document, Medvidovic transcript, and a document by Nebenzahl and 's a typo by the way. It should be "Wool" s "Wood." Then after that I talk about that one of kill would have known how to instrument as. And I give some quotes from Khazan that upport that. And then I talk about things that Khazan discuss Detours, and how Khazan describes are does. And why Khazan describes that Win anctions are instrumentive. And some more to the Khazan describes. And then I talk about how one of ordinary the art would have known how to apply the of Khazan to instrument an executable
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A Q 1. Let me A Q page 7? A Q 2016? A Q declaration Caution the counsel. A had with the	Is Exhibit Number 1 the supplemental a you're referring to? Yes. Can you refer to page 7 of Exhibit Number know when you're there. I'm there. Is that your signature at the bottom of Yes. Did you sign this document on October 28th, Yes. Why were you asked to put in a supplemental on October 28th, 2016? MR. EUTERMOSER: Object to the form. We witness not to reveal communications with Yeah, I can't discuss the communications I me lawyers. You cannot say any reason why, correct,	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	expertise. deposition Wool it and it say ordinary si application support, si discloses, what Detout 132 API fut things that skill in ti teachings of application	Then I describe the document, Medvidovic transcript, and a document by Nebenzahl and 's a typo by the way. It should be "Wool" s "Wood." Then after that I talk about that one of kill would have known how to instrument ins. And I give some quotes from Khazan that support that. And then I talk about things that Khazan discuss Detours, and how Khazan describes instrument inctions are instrumentive. And some more to the Khazan describes. And then I talk about how one of ordinary the art would have known how to apply the of Khazan to instrument an executable in. I talk about the Medvidovic's testimony and
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A Q 1. Let me A Q page 7? A Q 2016? A Q declaration Caution the counsel. A had with th Q Sitting her	Is Exhibit Number 1 the supplemental a you're referring to? Yes. Can you refer to page 7 of Exhibit Number know when you're there. I'm there. Is that your signature at the bottom of Yes. Did you sign this document on October 28th, Yes. Why were you asked to put in a supplemental on October 28th, 2016? MR. EUTERMOSER: Object to the form. We witness not to reveal communications with Yeah, I can't discuss the communications I be lawyers. You cannot say any reason why, correct, we today on November 14th, 2016?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	expertise. deposition Wool it and it say ordinary si application support, si discloses, what Detou 132 API fut things that skill in ti teachings of application why I disag	Then I describe the document, Medvidovic transcript, and a document by Nebenzahl and 's a typo by the way. It should be "Wool" s "Wood." Then after that I talk about that one of kill would have known how to instrument ins. And I give some quotes from Khazan that support that. And then I talk about things that Khazan discuss Detours, and how Khazan describes ins does. And why Khazan describes that Win inctions are instrumentive. And some more to the Khazan describes. And then I talk about how one of ordinary the art would have known how to apply the of Khazan to instrument an executable in. I talk about the Medvidovic's testimony and gree with his testimony.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A Q 1. Let me A Q page 7? A Q 2016? A Q declaration Caution the counsel. A had with th Q sitting her A parties res	Is Exhibit Number 1 the supplemental a you're referring to? Yes. Can you refer to page 7 of Exhibit Number know when you're there. I'm there. Is that your signature at the bottom of Yes. Did you sign this document on October 28th, Yes. Why were you asked to put in a supplemental on October 28th, 2016? MR. EUTERMOSER: Object to the form. We witness not to reveal communications with Yeah, I can't discuss the communications I be lawyers. You cannot say any reason why, correct, the today on November 14th, 2016? It's part of the process. They the two	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	expertise. deposition Wool it and it say ordinary si application support, si discloses, what Detour 132 API fur things that skill in the teachings of application why I disag	Then I describe the document, Medvidovic transcript, and a document by Nebenzahl and 's a typo by the way. It should be "Wool" s "Wood." Then after that I talk about that one of kill would have known how to instrument ins. And I give some quotes from Khazan that support that. And then I talk about things that Khazan discuss Detours, and how Khazan describes ins does. And why Khazan describes instrumentive. And some more to the Khazan describes. And then I talk about how one of ordinary the art would have known how to apply the of Khazan to instrument an executable in. I talk about the Medvidovic's testimony and gree with his testimony. And I then talk about the Nebenzahl and
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	A Q 1. Let me A Q page 7? A Q 2016? A Q declaration Caution the counsel. A had with th Q sitting her A parties restheir response	Is Exhibit Number 1 the supplemental a you're referring to? Yes. Can you refer to page 7 of Exhibit Number know when you're there. I'm there. Is that your signature at the bottom of Yes. Did you sign this document on October 28th, Yes. Why were you asked to put in a supplemental on October 28th, 2016? MR. EUTERMOSER: Object to the form. Witness not to reveal communications with Yeah, I can't discuss the communications I be lawyers. You cannot say any reason why, correct, the today on November 14th, 2016? It's part of the process. They the two sponded to each other and the attorneys in	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	expertise. deposition Wool it and it say ordinary si application support, si discloses, what Detour 132 API fur things that skill in the teachings of application why I disagnosition the	Then I describe the document, Medvidovic transcript, and a document by Nebenzahl and 's a typo by the way. It should be "Wool" s "Wood." Then after that I talk about that one of kill would have known how to instrument as. And I give some quotes from Khazan that upport that. And then I talk about things that Khazan discuss Detours, and how Khazan describes are does. And why Khazan describes that Win anctions are instrumentive. And some more to the Khazan describes. And then I talk about how one of ordinary the art would have known how to apply the of Khazan to instrument an executable and. I talk about the Medvidovic's testimony and gree with his testimony. And I then talk about the Nebenzahl and the and I explain why that article bolsters my



1			
1 1	Page 10		Page 12
	ordinary skill in the art would know how to instrument	1	Q What's an application?
2	an application using IDA Pro as identified in Khazan.	2	MR. EUTERMOSER: Object to the form.
3	I talk about my disagreement with	3	A In what context?
4	Medvidovic's and what would have been obvious to one of	4	Q In the context of what you said,
5	ordinary skill in the art. How to instrument	5	instrumenting applications?
6	applications with Khazan.	6	MR. EUTERMOSER: Object to the form.
7	Then I reserved my right to offer more	7	A So you're talking about the context of
8	opinions. That's, there may be more things in here but	8	the '154 patent or just in general outside of this
9	that's, I guess the summary of it.	9	case.
10	Q You mentioned that you cited Exhibit Number	10	Q In the context of your declaration?
11	1044 Nebenzahl and Wool, correct?	11	MR. EUTERMOSER: Object to the form.
12	A Yes.	12	A Can you show me which occurrence you're
13	Q When were you first aware of this document?	13	referring to in my declaration.
14	A Probably in late 2003, 2004.	14	Q I'm talking about your summary. You said,
15	Q How did you become aware of the Nebenzahl	15	you're talking about instrumenting applications,
16	document?	16	correct?
17	A So I worked actively as a researcher in	17	A Yes.
18	this field and actually Avishai Wool, the second	18	Q So my question is, what is an application?
19	officer is someone I know very well. He was at the	19	MR. EUTERMOSER: Object to the form.
20	labs when I was at AT&T labs. He was at Bell Labs.	20	A So are you referring to paragraph 14 for
21	And in fact he was my host for my last sabbatical at	21	example where I say that I disagree with
22	Tel Aviv University. So his research is research that	22	Dr. Medvidovic's testimony that Khazan does not teach
23	I followed closely. And when he wrote this paper I'm	23	instrumenting applications? Is that the applications
24	sure that I was aware of it, along with a lot of other	24	that you're talking about.
25	papers in the field at the time.	25	Q Again, you gave a summary. Do you recall
	Page 11		Page 1:
1	Q The Nebenzahl document, it's not cited in	1	that?
2	your previous declaration, correct?	2	A Right.
3	A That's right.	3	
4		"	Q Where you talked about instrumenting
	Q You could have cited the Nebenzahl document	4	Q Where you talked about instrumenting applications. You understand what an application is,
5	Q You could have cited the Nebenzahl document in your previous declaration, correct?		~ 1
5 6	*	4	applications. You understand what an application is,
	in your previous declaration, correct?	4 5	applications. You understand what an application is, correct?
6	in your previous declaration, correct? MR. EUTERMOSER: Object to form.	4 5 6	applications. You understand what an application is, correct? MR. EUTERMOSER: Object to the form.
6 7	in your previous declaration, correct? MR. EUTERMOSER: Object to form. A I suppose I could cite any document that I	4 5 6 7	applications. You understand what an application is, correct? MR. EUTERMOSER: Object to the form. Argumentative.
6 7 8	in your previous declaration, correct? MR. EUTERMOSER: Object to form. A I suppose I could cite any document that I want.	4 5 6 7 8	applications. You understand what an application is, correct? MR. EUTERMOSER: Object to the form. Argumentative. A Yes.
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1	want to give a summary is that I didn't want to, you	1	A I don't have multiple meanings for the word
2	know, I didn't prepare a summary of this. I just	2	"application."
3	prepared this document. And I didn't want to be held	3	Q Can you tell me what the meaning of
4	to that summary because it was kind of on-the-fly.	4	application is that you applied in your declaration?
5	So I'd rather look at a specific part of my	5	MR. EUTERMOSER: Objection. Vague and
6	declaration and answer questions about that than an	6	ambiguous. Foundation.
7	on-the-fly summary that I provided.	7	A So I would say when I'm talking about
8	Q So sitting here today, you can't tell me	8	applications in this declaration, I'm talking about
9	what an application is, correct?	9	instrumenting applications, which is talking about code
10	MR. EUTERMOSER: Objection.	10	that's running or executables.
11	Mischaracterizes his testimony. It's also vague and	11	Q So an application is code that's running;
12	ambiguous.	12	is that correct?
13	A That's not correct. I just have multiple	13	MR. EUTERMOSER: Object to the form.
14	locations that I discuss an application in here and I'm	14	A Well, you could have an application that
15	asking which one you want me to, to describe or define	15	isn't running but it's code that can run or that's
16	for you? Or if you're asking for a catchall that will	16	running.
17	cover all of them.	17	Q So is it fair to say that an application in
18	Q In your summary you talked about	18	your opinion is code that can be run?
19	instrumenting applications, I just want to know what	19	MR. EUTERMOSER: Object to the form.
20	you mean by applications?	20	A I would say that code that can be run can
21	MR. EUTERMOSER: Objection. Vague and	21	be part of an application.
22	ambiguous. Mischaracterizes his testimony.	22	Q So it's not fair to say that any code that
23	A So my summary was not precise the way the	23	can be run is an application?
24	document is. I put a lot of thought into it and	24	MR. EUTERMOSER: Object to the form.
25	reviewed every word. And the summary was an on-the-fly	25	A Well, I think in general that might be the
	Page 15		Page 17
1	description, I didn't come here today to answer	1	case, but in this particular declaration I'm talking
2	questions about my summary. I want to answer questions	2	about instrumenting code, instrumenting applications
3	about the documents.	3	and how you could prevent malicious code from running
4	I'm trying to understand if you want a	4	inside of other codes so I don't think it's limited
5	specific instance that you want to point to of	5	here to self-contained applications like if you would
6	application or if you're asking me to define it in a	6	purchase. Like, if you went in and purchased Microsoft
7	way that covers all the instances of the word	7	Word, yeah, that's an application. But in the context
8	application in the actual declaration, not on-the-fly	8	here we're talking about code that can be instrumented
9	summary.	9	to prevent malware from running.
10	Q What different types of applications do you	10	Q So in the context of your declaration is it
11	discuss in your declaration?	11	fair to say that an application is any code that can be
12	MR. EUTERMOSER: Object to the form.	12	run?
13	(Witness reading.)	13	MR. EUTERMOSER: Object to the form.
14	A So there's some described on page 2 in	14	A Let me say that what I do think is fair to
15	paragraph 2 where I quote Khazan talking about binary	15	say is that when I talk about the instrumentation of
16	machine executable programs, script programs and	16	applications I'm talking about the instrumentation of
17	command programs which I understand to mean shell	17	code that can run.
18	scripts. Those are different types applications.	18	Q So can you answer the question that I asked
19	Q So just to be clear, where do you use the	19	is whether an application is any code that can be run?
20	term applications and provide two different meanings	20	MR. EUTERMOSER: Objection. Asked and
21	for them?	21	answered.
22	A I never said I did.	22	A So I don't look at it from that point of
23	Q So when you use the word "application,"	23	view. I look at it from the point of view that if
24	there's only one meaning, correct?	24	you're talking about technologies for instrumenting
	MD ETTERMOCED. Object to the form	25	applications, you're talking about instrumenting code.
25	MR. EUTERMOSER: Object to the form.	23	applications, for 10 carriers about instrumenting code.



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