UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD

FACEBOOK, INC.,

PETITIONER,

vs.

No. IPR201400415

REMBRANDT SOCIAL MEDIA, L.P.,

PATENT OWNER.

VIDEOTAPED DEPOSITION OF EDWARD R. TITTEL

VOLUME II

Wednesday, March 4, 2015

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Reported By:

KATHLEEN WILKINS, CSR #10068, RPR-RMR-CRR-CCRR-CLR

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1	VIDEOTAPED DEPOSITION OF EDWARD R. TITTEL
2	BE IT REMEMBERED that on Wednesday,
3	March 4, 2015, commencing at the hour of
4	10:07 a.m. thereof, at COOLEY LLP, 3175 Hanover
5	Street, Palo Alto, California, before me, Kathleen
6	A. Wilkins, RPR-RMR-CRR-CCRR-CLR, a Certified
7	Shorthand Reporter, in and for the State of
8	California, personally appeared EDWARD R. TITTEL,
9	a witness in the above-entitled court and cause,
10	who, being by me first duly re-sworn, was
11	thereupon examined as a witness in said action.
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1 APPEARANCES OF COUNSEL 2 For the Plaintiff: 3 (Appearing via teleconference) FISH & RICHARDSON 4 BY: JOHN S. GOETZ, ESQ. 5 6 601 Lexington Avenue, 52nd Floor 7 New York, New York 10022 8 Telephone: (212) 765-5070 E-mail: Goetz@fr.com 9 10 11 For the Defendants: 12 COOLEY LLP 13 BY: ANDREW MACE, ESQ. 14 MARK WEINSTEIN, ESQ. 15 3175 Hanover Street Palo Alto, California 94304-1130 16 17 Telephone: (650) 843-5808 18 E-mail: Amace@cooley.com 19 mweinstein@cooley.com 20 21 ALSO PRESENT: 22 SEAN MCGRATH, VIDEOGRAPHER 23 24 25

1 March 4, 2015 10:07 A.M. PROCEEDINGS 2 3 THE VIDEOGRAPHER: Good morning. This begins Media Number 1 of the deposition of 4 Edward Tittel, Volume I [sic], in the matter of 5 6 Facebook, Incorporated, versus Rembrandt Social 7 Media, LP. This case is in the U.S. Patent and 8 Trademark Office before the Patent Trial and Appeal Board, and the case number is IPR201400415. 9 Today's date is March 4th, 2015, and the 10 time is 10:07 a.m. This deposition is taking 11 12 place at 3175 Hanover Street, Palo Alto, 13 California. The videographer is Sean McGrath, 14 appearing on behalf of Sound Deposition Services located at 400 Oceangate Plaza, Suite 400, Long 15 Beach, California 90802. 16 17 Would counsel please identify yourselves and state whom you represent, starting with the 18 questioning attorney. 19 20 MR. GOETZ: John Goetz of 21 Fish & Richardson on behalf of the patent owner. 22 MR. MACE: Andrew Mace of Cooley for 23 petitioner. 24 THE VIDEOGRAPHER: The reporter today is 25 Kathleen Wilkins.

1 Would the reporter please swear in the 2 witness. 3 EDWARD TITTEL, having been duly sworn, 4 was examined and testified as follows: 5 THE VIDEOGRAPHER: We may proceed. 6 7 RESUMED EXAMINATION BY MR. GOETZ 8 BY MR. GOETZ: 9 Q. Okay. Good morning, sir. 10 Α. Good morning. I'd like to begin with just some basic 11 Q. questions about HTML. And let me just start by 12 13 asking you, you're an expert in HTML; is that 14 correct? I've written numerous books on the 15 Α. 16 subject. 17 And do you consider yourself an expert Ο. in HTML? 18 19 Α. Yes, sir. 20 And would you consider yourself an Ο. 21 expert in HTML in 1998? 22 Α. Yes. 23 Okay. In 1998, how could a person of Q. skill in the art of HTML create a very simple web 24 page that just had an image on it? What is the 25

1 HTML mechanism to do that? 2 Α. Are you asking me what markup would be 3 necessary to cause an image to appear on a web page in a web browser? 4 5 Yes, sir. Q. 6 Α. Well, you'd have to have a standard HTML 7 document put together. And as part of the body of that document, you would have to have an 8 9 image element, IMG, with a proper pointer to a graphics file of some kind, and normally also some 10 quidance to the web browser as to how wide and how 11 12 tall to draw that image. Possibly also 13 information about where on the page you wanted it 14 to appear and so forth and so on. 15 What if you wanted to add to the web Ο. 16 site the name of such an image? How could you do 17 that? You would have to provide a caption of 18 Α. some kind for that image, which would mean placing 19 20 text above, below or alongside the image to act as 21 a label. 22 Is that part of the image attribute or Ο. 23 separate? 24 There is an alt text attribute that can Α. be included as part of the image element, but the 25

1 alt text is only visible when a browser has the graphics turned off, in which case the alt text is 2 3 the only thing that's displayed. Or when the 4 user, through some action, typically with the mouse, causes the alt text to pop up. 5 6 So in order for a caption or a label to 7 appear, you would have to have some kind of 8 associated text element, of which there are many 9 kinds, that would go along with that image. What if you wanted to add to the web 10 0. site the modification date or the creation date of 11 the image? How would you do that? 12 13 Α. In similar fashion. You would have to 14 provide a text element that included that data. 15 You could also use something like a JavaScript or 16 some other kind of dynamic element on the page 17 that might actually even go to the file system and look up that data for display on the page, 18 depending on where the data was coming from. 19 20 And how would the HTML be different if Ο. 21 instead of just a plain image, it was an icon with a link to a file located somewhere else on the 22 23 Internet? 24 Object to form. MR. MACE: 25 THE WITNESS: I'm not sure what you mean

1 by "icon" in this case.

2 BY MR. GOETZ:

3 Like a picture of a Word document that Ο. you would -- that the user would click on on the 4 web site to -- to retrieve the underlying file. 5 6 Α. Well, you would have the graphic for the 7 Word icon in a displayable file, and you would 8 have to embed that graphic inside an anchor element that had a link to the actual location of 9 that file so that if the icon were to be clicked, 10 then the file could be downloaded. 11 Most implementations of such things 12 13 about which I'm aware also display the name of the 14 file involved and often the size of the file, to warn people how big an object they are going to be 15 16 downloading. 17 And they'll create a hyperlink to the text as well as to the icon, to allow the user to 18 click either on the icon or on the name of the 19 20 file to initiate the download. 21 Q. What is the specific HTML markup that 22 would be used to display the name of the file in 23 that circumstance? 24 Well, again, that's text information. Α. So you could use any number of different text 25

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elements of which, for example, the paragraph 1 2 element would be a good case in point. 3 Okay. I'll ask the court reporter to Ο. 4 hand to you premarked Exhibit Number 1015. Let's see if we can find it. This one 5 Α. 6 doesn't have a label on it. Would that be my --7 THE REPORTER: It's one of those. Right 8 there. 9 BY MR. GOETZ: 10 Ο. Yeah, that's your second declaration, 11 yes, sir. Okay. Second declaration. See, this 12 Α. 13 one doesn't have a label on it, but it does say 14 Exhibit 1015 in text on it. I was just looking for -- I was looking for the court reporter's 15 16 label. 17 I do see that the document itself says Exhibit 1015, but I didn't see a sticker from the 18 court reporter. Please forgive me. 19 20 No problem. I understand. Ο. 21 And so what is that document, sir? That document is the printed version of 22 Α. my second declaration that was written in January 23 24 of this year. Okay. And that's your signature at 25 Q.

1 the -- at the end of that document on page --2 well, right underneath paragraph 38? 3 Α. Yes, sir, that is my signature. If I may interrupt you for a moment, 4 sir. 5 6 0. Go ahead. 7 I have -- I have three copies of this Α. 8 document. Should I hand one to my counsel and --9 or just maybe lay these aside? You only need one. 10 Q. Okay. I've got one. 11 Α. 12 The other copies are for either your Ο. 13 attorney or the court reporter or anyone else who 14 needs them. 15 Okay. Thank you. Α. 16 Q. Yes, sir. And so you -- you drafted this 17 declaration after reviewing the patent owner's 18 response in October of last year; is that correct? 19 20 Yes, sir. Α. 21 Q. And after -- after the Jones declaration 22 that was submitted in support of that response; is 23 that correct? 24 Yes, sir. If you look at paragraph 2 on Α. page 1, you'll see all those items are listed 25

1 explicitly there.

2 Ο. Okay. And this -- this declaration 3 contains all of your responses to the points made by the patent owner and Dr. Jones in those papers; 4 is that correct? 5 6 Α. All of my responses up to this point in 7 time. Of course, in our conversation I reserve 8 the right to respond to questions that may not 9 have been contemplated in the context of this 10 document. Fair enough. But as of right now, this 11 Ο. document contains all of your responses to the 12 13 points made by the patent owner and Dr. Jones in 14 those previous papers; is that fair? Yes, sir. 15 Α. 16 Q. Okay. And we're going to talk about this in some detail. I have it -- you can refer 17 to it, you know, at any time. 18 I want to go back to a point that was 19 20 discussed at your last deposition, of this term 21 "metadata." And I think you said metadata means data about other data; do you recall that? 22 23 Α. Yes, sir. That's a common definition 24 for the term. Okay. Do you agree that metadata could 25 Q.

1 be stored really anywhere? 2 MR. MACE: Object to form. 3 THE WITNESS: I'd have to ask you to put 4 that in context. I mean, "anywhere" includes a stone tablet, and I submit that a stone tablet is 5 6 a rather unlikely repository for metadata in the 7 digital world. 8 BY MR. GOETZ: 9 Ο. Right. But if it's data about data, it 10 could be stored there, right? Would you repeat the question, please? 11 Α. I didn't hear the end of it. 12 13 MR. GOETZ: So if you could read it 14 back, Madam Court Reporter. 15 (Record read by the reporter as 16 follows: 17 OUESTION: Right. But if it's data about data, it could be stored there, 18 right?) 19 20 THE WITNESS: I hadn't considered that 21 hypothetical in the drafting of my report. 22 BY MR. GOETZ: 23 Let me -- let me try this way: I mean, Ο. 24 do we agree with each other that there's nothing 25 about the word "metadata" that gives any

indication about where it's stored in a particular distributed system, for example?

3 Α. Normally, when metadata, which, as we've agreed, is data about data or, perhaps better 4 said, as data about other data, there has to be 5 6 some way to associate the data and the metadata 7 about which the original data is being described 8 or, you know, elaborated or having attributes provided for it or whatever the role of the 9 metadata in the individual case might be. 10

11 So it's important that the data and the 12 metadata be accessible -- be equally accessible 13 because very often the metadata is what tells a 14 file system, for example, where to go retrieve the 15 data that the metadata describes.

16 So for it to be stored anywhere, I'm not 17 sure that that's a sufficiently rigorous enough 18 definition to meet the proximity and association 19 requirements for such things. But if it's 20 somewhere close by that's known and reasonably 21 convenient, then the actual location is probably 22 not that important.

But we could talk about this for a long time because there are all kinds of provisos that would attach to such relationships between data

1 and metadata.

2 Ο. Do you agree that in a client's server 3 distributed system, you could have some metadata stored on the server and some on the client? 4 Do you agree that that's possible? 5 6 MR. MACE: Object to form. 7 THE WITNESS: Could you be more specific 8 and tell me what kind of objects or entities we're 9 talking about? BY MR. GOETZ: 10 Let's start with a file. 11 Ο. Okay. Who owns that file? Does the 12 Α. 13 server own that file, or does the client own that 14 file? 15 Why do you ask that question? Ο. 16 Α. Because the metadata will most often 17 reside on the system where the -- where some work has to be done. It's very seldom do you find a 18 case where the file resides on one system and the 19 20 metadata resides on another system. This creates 21 potential issues with speed of access and with 22 impact in the event of a network downtime or 23 failure. But although you believe it 24 Ο. Right. seldom happens that way, it sounds like you do 25

1 agree that it's possible?

2	A. My belief would be that if there were
3	work to be done on a file or actions to occur
4	related to a file, that the data and the metadata
5	would tend to travel together, so that it makes
6	more sense to keep them together than it does to
7	split them apart.
8	Q. Right. And I understand that's your
9	belief about what makes the most sense, but my
10	question right now is just about what's possible.
11	And so is it your opinion that, as a
12	matter of computer science, it's actually
13	impossible to have filed metadata stored in two
14	different places in a server/client distributed
15	system?
16	A. No. It's just it's not impossible;
17	just not very prudent or very smart.
18	Q. Okay. If you turn to your declaration.
19	And I want to talk about your Section 2, which
20	begins your paragraph 3, about the "privacy
21	level information" term.
22	A. Yes, sir.
23	Q. And is it is it fair to say that your
24	opinions on the prior art that are addressed in
25	this IPR depend on your understanding of the term

1 "privacy level information"? 2 If taken in context with the use of Α. 3 files and objects in a distributed environment, which would also involve some notion of access 4 controls, then, yes. 5 6 Ο. Do you agree that the '316 patent 7 specification teaches a privacy level of owner? 8 And we have the patent there if you wanted to look 9 at it. Are you refiguring -- referring to 10 Α. Figure 4D? 11 No. But you may refer to whatever you 12 0. 13 want to in answering the question. 14 So let's just actually take a minute to make sure you have the patent in front of you --15 16 Α. Yeah. I'm looking right now. 17 -- question I'm asking. Ο. I see the Salas patent. 18 Α. It's Exhibit 1001. 19 Ο. Yeah. We got it out 20 just before the deposition started. It's in a different format from 21 Α. Okay. 22 what I'm used to seeing, so that's what fooled me. 23 I was looking for --24 Ο. If you have your own copy, I'm happy to 25 let --

1 Yeah. Actually, if you wouldn't mind, Α. 2 I'd like to get my copy out of -- wait a minute. 3 This is a petition. 1001 is a petition for 4 inter partes review. It's not a copy of the '3116 [sic] patent. 5 6 I do not have a copy of the '3116 -- or 7 the '316 patent in front of me. 8 MR. GOETZ: Okay. Let's go off the 9 record. THE VIDEOGRAPHER: The time is 10 10:28 a.m., and we are off the record. 11 12 (Whereupon, a recess was taken.) 13 THE VIDEOGRAPHER: Time is 10:35 a.m., 14 and we are on the record. BY MR. GOETZ: 15 16 Q. Okay. Sir, do you have the '316 patent in front of you now? 17 Yes, I do. 18 Α. Okay. And so please feel free to refer 19 0. 20 to it or reference it. 21 My question is do you agree that the 22 '316 specification teaches the privacy level of 23 the owner? 24 In the summary of the invention, Α. Yes. there is a section that refers to owner in the 25

1 paragraph from lines 40 to 46. And then there are 2 other references elsewhere in the specification as 3 well. Ο. Okay. Do you agree that the owner is 4 5 one person? 6 Α. As presented in the patent, the concept 7 of owner is associated with some notion of 8 personhood, yes. Although in a digital system, the owner is actually an account, and so that 9 anyone who possessed the credentials to access 10 that account could access it. 11 So typically it would be one person, but 12 13 if the -- if the credentials were shared, then it 14 could be more than one person. But it definitely represents a single account of a specific kind. 15 16 Q. So we can agree that the universe of users at that owner privacy level in the 17 '316 patent is one user, right? 18 I beg your pardon? Would you repeat the 19 Α. 20 question, please? 21 Q. Yes. I'll just ask the court reporter 22 to read it back. It might be clearer. 23 (Reporter interruption.) 24 MR. GOETZ: I see that it's garbled. 25 I'm sorry. I see that the transcript Excuse me.

1 is garbled, so I'm going to withdraw the question 2 and ask it again. 3 In light of that, can we agree that the Ο. universe of users at the owner privacy level in 4 the '316 patent is one user? 5 6 Α. I see no terminology in the '316 patent 7 anywhere that refers to a universe of users. In 8 the closest thing that I know of in the patent that deals with privacy levels, which would be 9 10 Figure 4D, I see that there are different privacy levels presented, but I don't see any notion of a 11 universe either in explicit terminology or in --12 13 by implication from the language in the patent. 14 Would you care to refer me to some 15 passages in the claims or the text of the patent 16 where I might enlighten myself further on this 17 subject? I'll reword the question. 18 Ο. How about that. 19 20 Let's take a look at your declaration, 21 actually, on paragraph 8. 22 Α. Yes, sir. 23 And here you make the point that the 0. 24 claims focus on the assembly and display of a 25 diary page in accordance with configuration

1 information; is that right?

A. Yes, sir.

2

Q. And -- and this is -- this point -- you make this point in support of -- of your position that 4D, Figure 4D in its description in the specification are not -- not relevant to the meaning of "privacy level information" in your opinion; is that right?

9 A. No, that's not what it says, sir.
10 And -- and that's not what my opinion is either.

All I'm saying is that the privacy level interface diagram that appears as Figure 4D in the patent is not informative about the actual type or kind of privacy level information that has to be transmitted to the user system. That's -- that's a different thing.

17 This diagram shows us what levels there are, but it doesn't actually show us any of the 18 attributes associated with any one of those 19 20 levels, and, you know, how they're represented, 21 stored and transmitted, so on and so forth. 22 0. Okay. Turn with me to the '316 patent, at the top of Column 7. 23 24 What line number would you --Α.

25 Q. Do you see that sentence there?

1 (Reporter interruption.) 2 BY MR. GOETZ: 3 Ο. Yeah, do you see the first sentence at the top of Column 7? 4 5 The sentence that begins "Diary applet Α. 6 112"? 7 Ο. Yes. 8 Α. That -- yes, I see it, sir. 9 Ο. How do you understand that sentence? I understand that sentence to mean that 10 Α. an applet or some executable code running on the 11 12 client reads information that's received from the 13 server and uses that information to generate a 14 visible web page in the browser on the client in accordance to the diary information described in 15 16 Item Number 114, which would take us to Figure 1, 17 where it is depicted as diary information that includes database data, cover information and 18 configuration information. 19 20 And do you agree that configuration Ο. 21 information in the '316 patent includes privacy level information? 22 23 That's how the patent describes it, yes, Α. 24 sir. 25 THE VIDEOGRAPHER: Counsel, is there a

1 mike on the desk in there that you could move a 2 little closer to you? 3 MR. GOETZ: Done. THE VIDEOGRAPHER: Thank you. 4 BY MR. GOETZ: 5 6 Ο. And if you look at Column 10, line 28, 7 where it says -- there's the Number 2, and then it 8 says, "Privacy level" -- excuse me. 9 It says, "Privacy level of a diary 10 page." Do you see that? 11 Yes, sir. 12 Α. 13 And you understand that to be a section Q. 14 in the specification -- a sort of a subsection underneath Section C, navigation by a user within 15 16 a diary, right? 17 Yes, sir, that's correct. Α. And is it your opinion that a person of 18 Ο. skill in the art, to determine the meaning of 19 20 "privacy level information" would not consider 21 this Section 2, privacy level of a diary page 22 subsection? 23 I'm sorry. I didn't hear a question in Α. 24 Would you mind rephrasing? there. 25 Is it your opinion that a person of Q. 107

1 skill in the art, in considering the meaning of 2 "privacy level information" in the claims, would 3 not consider Section 2? Is that your opinion? No, that is not my opinion. My opinion 4 Α. is that what appears in this discussion explains 5 6 how the interface works for the various elements 7 that appear in Figure 4D, but it does not describe 8 the data or the attributes that are associated with those things to either help identify or 9 communicate them. All we know is that there are 10 different levels, and that those levels have 11 12 names. 13 Q. That's relevant to understanding the 14 meaning of the terms "privacy level information," though, isn't it? 15 16 MR. MACE: Object to form. 17 THE WITNESS: It describes various categories that correspond to privacy levels as 18 described in the second paragraph underneath the 19 20 Number 2 heading in lines 36 to 54, but mostly 21 described in 36 through 41. 22 BY MR. GOETZ: 23 Q. Right. 24 And that description is relevant to 25 understanding the meaning of the terms "privacy

1 level information" in the claims, right? 2 Α. It does show an example of what privacy 3 level information might consist of. Ο. So it sounds like you agree. 4 Do you agree? 5 6 Α. Yes. 7 Let's look at the Salas Ο. Okav. 8 reference. And I have it down as Exhibit 1005. I have it so marked here as well. 9 Α. 10 0. Okay. And so you have that there for your reference. And also, if you would turn to 11 your second declaration, in paragraphs -- any of 12 13 the paragraphs that you want. But I'm looking at 14 paragraphs 21 and 22. 15 And before I ask you about that, would 16 it be fair to say that -- that you understand the Salas reference better now than when you submitted 17 your first declaration? 18 I'm not sure that my understanding is 19 Δ 20 better, but I've certainly spent more time looking 21 at it and thinking about it. As the old saying 22 goes, more isn't always better. 23 In paragraphs 21 and 22, it seems Ο. Okay. that you're making the point that the file system 24 in Salas enforces can view and can edit 25

1 restrictions.

Is that a fair summary of your point? A. The language of Salas indicates that the user will only be allowed to retrieve the file if the kind of access they request for the file matches their access rights.

So it says that they must have can edit
if the user indicates editing will occur or can
view if the user indicates it's read only.

10 Q. Is it your opinion that the file system 11 in Salas enforces can edit and can view 12 restrictions?

13 Yes, sir. If you look at paragraph 22, Α. 14 I explain that if the user's access privileges include "can view" but do not include "can edit", 15 the file will be downloaded and viewable by the 16 17 user, but the user will be not allowed -- I'm sorry, will not be allowed to modify the contents 18 of the files. And that is enforced by the file 19 20 system on the client.

21 Q. Do you agree that there's no explicit 22 disclosure in Salas that the file system on a 23 client is enforcing those restrictions?

A. The language of Salas in the quotedparagraph in 21 says that the only way the user

1 can access the file is if they have the 2 appropriate access rights. 3 And once that file arrives at the client, the local copy has those rights or access 4 controls associated with it and, thus, will be 5 6 enforced at the client. It seems to be a clear 7 statement of how the envisioned system will 8 behave. 9 0. Do you agree with me that that language is not an explicit disclosure that the file system 10 on the client is enforcing those restrictions? 11 The word "file system" does not occur in 12 Α. 13 the Salas text that we're discussing. 14 Ο. And so it sounds like you agree with me; is that correct? 15 16 Α. There's no explicit mention of file 17 system in that language. 18 Q. And as a result, you agree with me, 19 correct? 20 MR. WEINSTEIN: Court Reporter, could 21 you read back the two questions ago, the question 22 two questions ago. 23 (Record read by the reporter as 24 follows: 25 Do you agree with me that QUESTION:

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1 that language is not an explicit 2 disclosure that the file system on the 3 client is enforcing those restrictions?) MR. WEINSTEIN: Thank you. 4 THE WITNESS: Yes. I agree, but I also 5 6 observe in paragraph 23 of my declaration, that it 7 is well known to persons of ordinary skill in the 8 art that the user's local computer must enforce can view and can edit privileges for a downloaded 9 file, and that this ultimately comes down to the 10 file system and the operating system inside which 11 12 the file system operates. 13 BY MR. GOETZ: 14 Ο. Is it your opinion that in order for the Salas system to work as intended and disclosed, 15 16 that the file system must enforce the 17 restrictions? 18 Α. Yes. Can we go off the record for a minute? 19 20 I want to get some more water. 21 MR. GOETZ: Sure. 22 THE VIDEOGRAPHER: The time is 10:56 a.m., and we are off the record. 23 24 (Whereupon, a recess was taken.) 25 THE VIDEOGRAPHER: The time is

1 11:02 a.m., and we are on the record. 2 BY MR. GOETZ: 3 Mr. Tittel, what have you done to Ο. confirm that file systems available in 4 September '98, like Windows 95, enforce file 5 6 restrictions? 7 I've relied on my knowledge of those Α. 8 By 1995, I was teaching classes on systems. Microsoft certification related to Windows 95 and 9 to Windows NT 3 and was teaching other people how 10 the file systems work. 11 12 Okay. So it sounds like you didn't 0. 13 do -- didn't do anything extra to confirm that for 14 purposes of this -- this matter; is that fair? I relied on my knowledge of the system 15 Α. at the time and as it continues to behave to this 16 17 day. Q. Right. 18 And so setting that aside, you didn't do 19 20 anything else; is that fair? 21 Α. I have been a daily observer of the 22 behavior of Windows applications for the past 25 23 There have been plenty of cases when I years. 24 tried to, for example, save a file that was marked 25 by the operating system as read only only to be

1 informed that I couldn't save it in the context of 2 a variety of different applications. 3 Ο. So other than relying on your historical knowledge and experience, you didn't do anything 4 else to confirm that file systems available in 5 6 September '98 like Windows 95 would enforce file 7 restrictions; is that fair? 8 Α. I didn't find it necessary to do anything additional, though I did consult with 9 various historical references, including Microsoft 10 TechNet and a variety of books about operating 11 12 systems prevalent at the time. 13 I didn't find it necessary to cite them 14 in my report, so that's why there's no mention of that in these materials. 15 16 Q. Do you agree with me that in Windows 95, 17 the read-only attribute can be set or unset on a file by any user? 18 Object to form. 19 MR. MACE: 20 THE WITNESS: No, I do not. The only 21 person who has the ability to reset file 22 attributes is the person who owns the file or the 23 person with administrative privileges on that 24 operating system. That is not any person. 25

1 BY MR. GOETZ:

Okav. Let's take a look at the Parker 2 Ο. 3 reference, which I think is Exhibit 1011. Yes, sir, I have it right here. 4 Α. And you agree with me that Parker does 5 Q. 6 not teach the assembly of web pages, right? 7 The subject of Parker's patent is -- has Α. 8 to do with file privilege administration and general operation of file systems. 9 It does not 10 teach web page assembly. And it doesn't teach or discuss HTML, 11 Ο. then, either, right? 12 13 Α. I would want to peruse the specification 14 in detail to make sure that there was no mention of the term anywhere in the document to provide a 15 16 completely definitive answer, but it's my 17 recollection that HTML and related markup is not mentioned in the Parker patent. 18 Do you agree that Parker is directed to 19 0. 20 a file privilege administration apparatus? 21 Α. That's what the patent is entitled. 22 Yes, sir, I do. 23 Do you agree that Figure 4 in Parker Ο. 24 shows a view by the administrator from the 25 administrator's console?

1 The open admin utility is presented as Α. an administrative utility, and Box Number 402 in 2 3 di- -- in the diagram on Figure 4 says that we're viewing the contents of the focus file system as 4 an administrator. 5 6 MR. GOETZ: Okay. Let's -- let's go off 7 the record. I may be done here, so if you guys 8 give me a few minutes, I'd appreciate it. THE VIDEOGRAPHER: The time is 9 10 11:10 a.m., and we are off the record. 11 (Whereupon, a recess was taken.) 12 THE VIDEOGRAPHER: The time is 13 11:19 a.m., and we are on the record. 14 MR. GOETZ: Okay. I don't have any 15 further questions, sir. Thank you for your time. 16 THE WITNESS: Yes, sir. Thank you too, 17 Mr. Goetz. MR. MACE: No questions. 18 19 MR. WEINSTEIN: We can go off the 20 record. 21 THE VIDEOGRAPHER: Just a second. We're 22 not off yet. This marks the end of Volume I 23 [sic], Disk 1, and concludes the deposition of 24 Edward Tittel. The time is 11:19 a.m., and we are 25 off the record.

1	(Whereupon, the deposition concluded	
2	at 11:19 a.m.)	
3	000	
4	I declare under penalty of perjury the	
5	foregoing is true and correct. Subscribed at	
6	, California, this	
7	day of 2015.	
8		
9	WITNESS SIGNATURE	
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1	CERTIFICATE OF REPORTER	
2	I, Kathleen A. Wilkins, Certified	
3	Shorthand Reporter licensed in the State of	
4	California, License No. 10068, hereby certify that	
5	the deponent was by me first duly sworn, and the	
6	foregoing testimony was reported by me and was	
7	thereafter transcribed with computer-aided	
8	transcription; that the foregoing is a full,	
9	complete, and true record of proceedings.	
10	I further certify that I am not of	
11	counsel or attorney for either or any of the	
12	parties in the foregoing proceeding and caption	
13	named or in any way interested in the outcome of	
14	the cause in said caption.	
15	The dismantling, unsealing, or unbinding	
16	of the original transcript will render the	
17	reporter's certificates null and void.	
18	In witness whereof, I have hereunto set	
19	my hand this day:	
20	Reading and Signing was requested.	
21	Reading and Signing was waived.	
22	x Reading and Signing was not requested.	
23		
24	KATHLEEN A. WILKINS	
25	CSR 10068, RPR-RMR-CRR-CCRR-CLR	
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