

1 UNITED STATES PATENT AND TRADEMARK OFFICE

2 -----

3 BEFORE THE PATENT TRIAL AND APPEAL BOARD

4 -----

5 AMAZON.COM, INC and AMAZON.COM SERVICES LLC,
6 Petitioner

7
8 V.

9 NOKIA TECHNOLOGIES OY,
10 Patent Owner.

11 -----

12 Case IPR2024-00572

13 Patent 7,724,818

14 -----

15
16 Virtual Deposition of JUNE ANN MUNFORD

17 Tuesday, January 14, 2025

18 9:03 a.m. CST

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20 Pages: 1 - 58

21 Reported Stenographically by:

22 Tiffany M. Pietrzyk, CSR RPR CRR

1 Virtual deposition of JUNE ANN MUNFORD,
2 pursuant to notice, before Tiffany M. Pietrzyk, a
3 Certified Shorthand Reporter in the States of
4 Illinois, Texas, and California, Registered
5 Professional Reporter, Certified Realtime Reporter,
6 and a Notary Public in and for the State of
7 Illinois.

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A P P E A R A N C E S

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C O N T E N T S

EXAMINATION OF JUNE ANN MUNFORD	PAGE
By Ms. Cieluch	5

E X H I B I T S

(Attached to transcript.)

DEPOSITION EXHIBITS	PAGE
Exhibit 1 Notice of Deposition, dated	6
12/19/24	
Exhibit 2 Declaration of June Ann	17
Munford, dated 3/27/24	

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P R O C E E D I N G S

(Witness sworn.)

WHEREUPON:

JUNE ANN MUNFORD,

called as a witness herein, having been first duly
sworn, was examined and testified as follows:

EXAMINATION

BY MS. CIELUCH:

Q. Good morning. My name is Jennifer Cieluch
from Alston & Bird. I am here on behalf of the
patent owner Nokia.

Would you please state your name for the
record?

A. Sure. My name is June Ann Munford.

Q. You've been retained as an expert by Amazon
in this proceeding; is that right?

A. Correct.

Q. You provided your opinions on the public
availability of two documents?

A. That's correct.

Q. Now, I've marked already as exhibit --
Munford Exhibit 1 your notice of deposition.

1 (Exhibit 1 was marked for identification
2 and is attached to the transcript.)

3 MS. CIELUCH: If we could pull that up real
4 quick.

5 MR. CARTER: And, Jennifer, are you going to
6 share that live within this deposition window or do
7 you want the witness to pull it up on her end?

8 MS. CIELUCH: Julie -- yep, Julie already
9 has that covered.

10 MR. CARTER: Okay.

11 MS. CIELUCH: And she can go ahead and pull
12 up, when we get to it, the declaration as well.

13 MR. CARTER: Okay. Great. Thank you.

14 BY MS. CIELUCH:

15 Q. So, Ms. Munford, are you familiar with
16 what's been marked as Munford Exhibit 1?

17 A. I am, yes.

18 Q. So you've seen this document before?

19 A. The deposition notice, correct, I have.

20 Q. And you understand that you're here today to
21 provide your deposition in this case?

22 A. I do.

1 Q. And so we can go ahead and take this down.

2 A. Sounds good.

3 Q. Where do you currently work?

4 A. Do you mean institutionally or location?

5 Q. Great question. Where do you work
6 institutionally?

7 A. I am a freelancer so I work for myself.

8 Q. Do you have your own company or official
9 business?

10 A. I operate as a sole proprietor.

11 Q. And where are you currently sitting?

12 A. Pittsburgh, Pennsylvania.

13 Q. And is that where you primarily work from?

14 A. Yes.

15 Q. Is there anyone else in the room with you?

16 A. No.

17 Q. Did you bring any documents with you today?

18 A. I did not.

19 Q. And do you have your declaration in front of
20 you?

21 A. Not as of yet.

22 Q. Okay. I mean physically, do you have your

1 declaration physically in front of you?

2 A. No.

3 Q. And do you have any notes, for example, in
4 front of you, either electronically or physically?

5 A. No.

6 Q. Have you been deposed before?

7 A. Yes.

8 Q. And so since you've been deposed before, I'm
9 just going go over some procedural points real quick
10 here. You are free to reference your declaration
11 throughout this deposition. We've, you know,
12 already dropped the Munford dep Exhibit 2, which is
13 your declaration, which I understand you've
14 downloaded, but if you do reference your declaration
15 in answering my questions here today, it would just
16 be helpful for me and probably for Jon as well for
17 us to know what you are looking at given that we're
18 in a remote setting.

19 Is that understood?

20 A. That is fair. I do have a quick question in
21 regards to that, if that's all right.

22 Q. Sure.

1 A. If at some point in time you ask me a
2 question and I choose to review the declaration, are
3 you comfortable with me opening the PDF file on my
4 end to do that or would you prefer that I give
5 someone in the chat instructions as to where I'm
6 looking?

7 Q. Yeah.

8 MS. CIELUCH: And, Jon, feel free to jump in
9 here to -- you know, since this is something that
10 you, you know -- I don't want to overstep.

11 Q. But for me, on my side, I am happy for you
12 to, you know, pull down the declaration, have it
13 open so that you can easily reference it. But if
14 you are taking, you know, a moment to review it,
15 just to let us know and so that the court reporter
16 can note that you are doing that as well for the
17 record. Is that fair?

18 MR. CARTER: Yeah, I think that makes sense.

19 A. That makes sense to me as well.

20 Q. Okay. Great. Glad we're all on the same
21 page here.

22 And then, next, if you don't understand one

1 of my questions, like you've already done, you know,
2 please let me know. That's very helpful. Sometimes
3 I do ask questions that don't make sense, and that's
4 not my intention. So I appreciate you continuing to
5 do that.

6 A. Understood.

7 Q. And so far, we've already been having a good
8 back and forth between us all, but to keep the
9 record clear, for especially to help the court
10 reporter, let's not talk over each other.

11 Is that understood?

12 A. Understood.

13 Q. And I anticipate this deposition to be
14 short. Hopefully, we don't have too many of these,
15 but at every hour, I'll try to take a break. But if
16 you need breaks, just let me know, just let's answer
17 any questions pending before we go on break.

18 Is that fair?

19 A. That's fair.

20 Q. Okay. And you understand you're testifying
21 under oath today?

22 A. I do.

1 Q. And is there any reason why you can't
2 testify truthfully?

3 A. No.

4 Q. All right. So how many times have you been
5 deposed before?

6 A. This will be my 14th.

7 Q. And were those all in an expert witness
8 capacity?

9 A. Yes.

10 Q. How many of those 14 depositions were
11 involving patents?

12 A. I might ask a question for clarification if
13 that's okay.

14 Q. Sure.

15 A. I have done depositions related to the IPR
16 court, as well as district courts. I believe they
17 all had something to do with patent literature,
18 though.

19 Q. Okay. Great. That answers my question.
20 And so my next question is gonna be following up on
21 that.

22 How many times have you been deposed in a

1 PTAB proceeding?

2 A. I couldn't give you an exact number without
3 reviewing my CV, which I would be happy to do.

4 Q. Do you have an estimate?

5 A. I would say 50 to 60 percent would be
6 related.

7 Q. Okay. Great.

8 And so on your CV, you've included all the
9 times that you've been deposed in a PTAB proceeding?

10 A. No. I would have had depositions since this
11 CV has been written.

12 Q. Okay. Let's put a pin in that. I'll get to
13 your CV in a little bit.

14 So how many trials have you testified at?

15 A. I have not testified at trial.

16 Q. Okay. What did you do to prepare for this
17 deposition today?

18 MR. CARTER: And let me just caution the
19 witness not to disclose the substance of any
20 conversations that you may have had that would be
21 covered by privilege or work product, but to the
22 extent that you're able to answer that question

1 without doing so, please go ahead.

2 A. The question was what did I do to prepare?

3 Q. Yes. What did you do to prepare for this
4 deposition today?

5 MR. CARTER: Same caution to the witness.

6 A. I spoke with counsel as well as reviewed the
7 declaration.

8 Q. In your meeting with counsel, was that with
9 any attorneys at Perkins?

10 A. I discussed with the counsel from Perkins
11 that is currently present.

12 Q. Were there any other participants at that
13 meeting?

14 A. No.

15 Q. How long was your meeting with counsel?

16 A. Approximately two hours I would say.

17 Q. Was there only one meeting with counsel to
18 prepare for today's deposition?

19 A. Yes, I only met once.

20 Q. And you said that you reviewed your
21 declaration in preparation for today's deposition;
22 is that right?

1 A. Yes. And to be clear, I mean that I
2 reviewed that independently of any conversations I
3 had with counsel.

4 Q. And in your preparation for today's
5 deposition, did you review any other documents other
6 than your declaration?

7 MR. CARTER: And I'll just note here that
8 any documents that may have been reviewed that do
9 not -- that did not refresh the witness's
10 recollection I think would be covered by work
11 product. I'm gonna let the witness answer yes or no
12 to this, but I just want to sort of plant that flag
13 now.

14 A. I reviewed the deposition notice.

15 Q. Other than reviewing the deposition notice
16 and your declaration in preparation for today's
17 deposition, did you review any other documents?

18 A. No.

19 Q. Other than your meeting with counsel, how
20 long did you spend preparing for today's deposition?

21 A. Approximately an hour and a half.

22 Q. In reviewing your declaration, have you

1 identified any errors?

2 A. I have not.

3 Q. So there's nothing that you need to correct
4 in your declaration; is that right?

5 A. Nothing that I'm aware of.

6 Q. When were you retained by Amazon to serve as
7 an expert in this case?

8 A. I don't recall exactly. It would have been
9 early 2024 or late 2023.

10 Q. Do you recall who reached out to you?

11 A. I do not.

12 Q. Did you speak with anyone about this case,
13 this patent, prior to being retained by Amazon?

14 A. Not prior to being retained, no.

15 Q. You're being paid for your testimony in this
16 case; is that right?

17 A. That's correct.

18 Q. What's your hourly fee?

19 A. My hourly rate is \$200 per hour.

20 Q. Do you have anyone else working with you on
21 this case?

22 A. Aside from counsel?

1 Q. Aside -- yes.

2 A. No, I do not.

3 Q. You've submitted just one declaration in
4 this case; is that right?

5 A. Yes.

6 Q. And how long did you work on your
7 declaration?

8 A. I don't recall the exact amount.

9 Q. Did you bill for the time that you spent on
10 the declaration?

11 A. Yes.

12 Q. Do you recall how much you've already
13 invoiced?

14 A. I wouldn't feel comfortable answering
15 without reviewing the invoices.

16 Q. Okay. Do you have an estimate as to the
17 range of hours that you've spent on this
18 declaration?

19 MR. CARTER: I'll object to form.

20 A. I wouldn't be able to comfortably provide an
21 estimate. I would estimate somewhere between three
22 to seven hours.

1 Q. How many hours do you estimate that you have
2 spent working for Amazon?

3 MR. CARTER: Object to form.

4 A. I would estimate that -- I apologize. I
5 would estimate somewhere between five to 12 hours.

6 Q. That's funny because I was saying estimate
7 instead of estimate, but it shows up the same on the
8 transcript.

9 A. Good enough.

10 Q. All right. So let's go ahead and pull up
11 Munford Exhibit 2 --

12 (Exhibit 2 was marked for identification
13 and is attached to the transcript.)

14 Q. -- which is your declaration. This is gonna
15 be pulled up by Julie here in the window. But,
16 again, you are free to have your own version as long
17 as you let us know what you're looking at.

18 A. Just for the sake of clarification, while
19 you're directing what we're looking at, I will also
20 be reviewing that on the copy I have up on my end.

21 Q. Okay. Great. Thank you.

22 And if there is a need for us -- for you to

1 get control of the document that is displayed so you
2 can show us something in your declaration or any
3 document that ends up being up on the screen, you
4 can ask for that as well.

5 A. Would you be comfortable with me, say, just
6 providing a PDF page number and going from there?

7 Q. Yeah. That's fine too. So either you can
8 direct so that Julie can put us on the right page,
9 or you can take control.

10 A. Sounds good.

11 Q. So now we're looking at Munford Exhibit 2,
12 your declaration.

13 Did you draft this declaration?

14 A. I drafted this declaration with the
15 assistance of counsel.

16 Q. And tell me about the process of drafting
17 this declaration.

18 MR. CARTER: I'm just gonna caution the
19 witness here again not to disclose the substance of
20 any communications that may reflect attorney-client
21 privilege or be covered by work product. If you're
22 able to answer that question without breaking

1 privilege, you may proceed. Otherwise, I instruct
2 you not to answer.

3 A. Could you repeat the question for me,
4 please?

5 Q. Yeah.

6 So my question is what was your process of
7 drafting your declaration?

8 MR. CARTER: Same instruction to the
9 witness.

10 A. All I will say is that it was a
11 collaborative process between counsel and myself.

12 Q. Did you draft the first draft of your
13 declaration?

14 MR. CARTER: Object to form and the same
15 caution to the witness.

16 A. Since we're going into the details of when
17 things were drafted and how they were communicated,
18 I am going to take my counsel's advice and not
19 answer that.

20 Q. Did anyone tell you what to write in your
21 declaration?

22 MR. CARTER: Same caution to the witness,

1 but you may proceed if you can answer that question.

2 A. I don't recall.

3 Q. Did anyone provide edits to your
4 declaration?

5 MR. CARTER: Same caution to the witness.

6 A. Again, I would believe that would be covered
7 under communication, so I will follow my counsel's
8 advice and not answer that.

9 Q. In drafting your declaration, were you
10 provided materials to consider?

11 MR. CARTER: Same caution to the witness and
12 also object to form.

13 A. I was provided exhibits to review.

14 Q. Who provided those exhibits?

15 A. Counsel.

16 Q. What exhibits were you provided to review?

17 A. The two documents discussed within the
18 declaration.

19 Q. Were you also provided the appendices
20 attached to your declaration?

21 A. Those appendices were gathered during the
22 construction of the declaration.

1 Q. Those two exhibits that you were provided to
2 review for your declaration that you said were
3 discussed within your declaration, those are
4 JVT-E022d7 and VCEG-N52; is that right?

5 A. I'm going to quickly review my declaration
6 to make sure those are the code numbers that we're
7 working from.

8 I apologize. I'm having computer issues
9 here.

10 Those are the two documents, yes.

11 Q. Other than those two documents, JVT-E022d7
12 and VCEG-N52 and the appendices attached to your
13 declaration, were there any other documents you
14 considered in drafting your declaration?

15 A. I may need some clarification as to what
16 you're asking. Are you asking whether or not I
17 considered the appendices in this case?

18 Q. Yes.

19 So my question was other than the two
20 documents you had provided opinions on in your
21 declaration, the JVT document and then the VCEG
22 document and then the -- other than the appendices

1 that you attached to your declaration, were there
2 any other documents that you considered in providing
3 your opinions in this case?

4 A. I believe I may have reviewed some
5 additional internet archive records that I did not
6 believe are relevant to the case.

7 Q. What were those internet archive records?

8 A. I don't have any specifics on what they are,
9 but for instance, to browse the ITU historical
10 website, I may have had to click through other pages
11 to get to the pages that were included as
12 appendices.

13 Q. And when you refer to the ITU historical
14 website, I'll gonna ask Julie to go to page 7 of
15 your declaration. I just want to make sure we're on
16 the same page here.

17 A. I'm looking at page 7.

18 Q. And in paragraph 22, you have here a -- that
19 you describe as the internet archive -- I think I'm
20 at the wrong one. Sorry.

21 Oh, no, page 1, paragraph 4.

22 A. Got it.

1 Q. And so here, you have a web address starting
2 with `www.itu.int`; is that right?

3 A. Correct.

4 Q. And so when you refer to the ITU historical
5 website, is that what you're referring to?

6 A. No. I'm referring to the internet archive
7 capture of a historical version of the ITU website
8 referenced in, for instance, paragraph 21.

9 Q. Understood.

10 And in paragraph 21, on page -- that's
11 starting at the bottom of page 6.

12 A. I'm there.

13 Q. That's the website capture of the ITU
14 website as you've just listed the web address here
15 as it existed November 22, 2001; is that right?

16 A. Correct.

17 Q. But the main website has the domain `itu.int`;
18 is that right?

19 A. For the main website, do you mean the
20 website captured by the internet archive or the ITU
21 website as it exists today?

22 Q. That's right. So the main website as

1 captured by the internet archive.

2 A. Got you. In that case, the main website
3 would be the itu.int website.

4 Q. Okay. So taking a step back, your opinions
5 in your declaration relate only to the public
6 availability of JVT-E022d7 and VCEG-N52; right?

7 A. Correct.

8 Q. Before you were retained in this case, have
9 you ever seen JVT-E022d7 before?

10 A. I don't believe so.

11 Q. Before this case, had you ever seen VCEG-N52
12 before?

13 A. I don't believe so.

14 Q. Okay. So turning back to page 1,
15 paragraph 4.

16 A. I'm there.

17 Q. And you explain in this paragraph that
18 JVT-E022d7 is currently available online at an
19 itu.int website, and you provide the address; is
20 that right?

21 A. That's correct.

22 Q. And just so that we're on the same page,

1 making sure that we are understanding each other
2 since there's discussion of historical websites and
3 current websites, I'm going to try to keep things
4 straight, but I also appreciate that you have been
5 pointing out this so that we can keep this -- keep a
6 mutual understanding.

7 So when -- I'm gonna try to refer to the JVT
8 website as it currently exists as you have
9 referenced here in paragraph 4. Is that fair?

10 A. So you're going to refer to the present
11 version of the website as the JVT website; is that
12 correct?

13 Q. That's right.

14 A. That makes sense to me.

15 Q. So you have accessed the JVT website; is
16 that right?

17 A. Correct.

18 Q. When did you first access the JVT website?

19 A. I don't recall.

20 Q. Was the first time you accessed the JVT
21 website for this case?

22 A. The website producing this particular zip

1 file, yes. I have reviewed the ITU website in the
2 past.

3 Q. That is a great clarification also in what
4 I'm trying to discuss. So maybe we can take a
5 little step back here and clarify my own definition
6 of JVT website.

7 So you do provide a more specific website in
8 paragraph 4 for a URL for a specific document called
9 2002_10_Geneva; is that right?

10 A. So the document itself, I believe, is titled
11 JVT-E022d7, whereas the 2001_10_Geneva document I
12 believe refers to the URL associated with the
13 download page.

14 Q. You are exactly right. Great.

15 So when I refer to the JVT website, would
16 you understand that I am talking about one page more
17 generally than the 2002_10_Geneva page?

18 Does that make sense?

19 A. So if I may --

20 Q. Or anything within.

21 A. So just to clarify for my own sake, that
22 would mean the ITU website in general, including the

1 Geneva URL, as well as the zip file.

2 Q. Yes.

3 But going even more -- one page more broadly
4 than that. So there is -- in accessing JVT-E022d7,
5 you accessed that by going to the 2002_10_Geneva
6 page; is that right?

7 And -- sorry. Go ahead.

8 A. I was gonna say that is correct.

9 Q. And in accessing the page 2002_10_Geneva,
10 you had to go to the jvt-site web page; is that
11 right?

12 A. I don't recall if that's the exact route I
13 took to find the 2002_10_Geneva page.

14 Q. But the 2002_10_Geneva page is located
15 within the jvt-site page; is that correct?

16 A. That is correct.

17 Q. Okay. So let's start a little over here and
18 clarify when I refer to the JVT website as it
19 currently exists today, it would be the itu.int
20 domain ending in jvt-site.

21 Would that make sense?

22 A. That would make sense.

1 Q. Okay. So now, with that, I think we can go
2 back to your answer that you had provided trying to
3 clarify this whole situation.

4 So with the -- when was the first time
5 you've accessed the JVT website?

6 A. I don't recall when I accessed the JVT
7 website for the purposes of pursuing this E022d7
8 document. I just know that I have visited the ITU
9 website in the past for other cases.

10 Q. And do you recall roughly when you first
11 accessed the JVT website for this case?

12 A. It would have been early in the drafting
13 process, so I believe late 2023, early 2024.

14 Q. And when was the last time you have accessed
15 the JVT website?

16 A. This morning.

17 Q. And did you do that in preparation for
18 today's deposition?

19 A. Yes, I reviewed it as part of reviewing the
20 declaration.

21 Q. Did you review any other websites in
22 preparation for your deposition today?

1 A. Only the website regarding the other
2 reference that is similar to this situation where
3 there is a PDF copy of the standard to review.

4 Q. If you go to paragraph 18 on page 6?

5 A. I'm there.

6 Q. So in paragraph 18, you refer to a website
7 0109_San; is that right?

8 A. Correct.

9 Q. Is this a website that you're referring to
10 that you accessed today in preparation for your
11 deposition?

12 A. Correct. I accessed this website to view
13 VCEG-N52.

14 Q. So in discussing this website, would it be
15 fair for me to refer to the -- similar to how we did
16 the JVT site, I can refer to it as the -- I don't
17 want to call it the video site site. Would it be
18 fair for me to call it the AV archive site?

19 A. I would be comfortable with that.

20 Q. And so the same premise that we've discussed
21 before, that it would be the itu.int domain and be
22 the parent page of where 0109_San would be hosted,

1 and I would refer to that as the AV archive site;
2 would that be fair?

3 A. That would be fair.

4 Q. Okay. Great. And so for the AV archive
5 site, when was the first time you accessed that web
6 page?

7 A. The answer would be very similar to the
8 previous site. For this case, at some point in
9 time, late 2023, early 2024. Again, I have accessed
10 the ITU site in the past for other cases, but I
11 can't speak as to whether or not I reviewed this
12 site in particular.

13 Q. And so the AV archive website, is that where
14 ITU archives, they're documents submitted by the
15 video coding experts group?

16 MR. CARTER: Object to form and foundation.

17 A. I don't think I can speculate as to why the
18 AV archive site is structured the way that it is or
19 the files that it contains. It could be organized
20 based on an organizational scheme I have no
21 knowledge of. I can only confirm that the VCEG-N52
22 document can be found within.

1 Q. So when you accessed the AV archive website,
2 did you see other documents that were located there?

3 A. I saw other files listed in the file tree.
4 I did not review other documents.

5 Q. When you accessed the JVT website, did you
6 see other documents that were located there?

7 A. Similarly, I saw files listed in the file
8 tree, additional files. I did not review those
9 files. I reviewed only the 022d7 file used in this
10 declaration.

11 Q. For the JVT website, when you accessed
12 2002_10_Geneva, were there other documents located
13 there?

14 A. There are other files listed in the file
15 tree. I did not review the other files -- or the
16 other links in that tree.

17 Q. And for the AV archive site, when you
18 accessed 0109_San, were there other documents
19 located there?

20 A. There were additional files listed in the
21 file tree, but I did not review any of the
22 additional files or links.

1 Q. So for the document JVT-E022d7, that
2 document has a prefix JVT-E; is that right?

3 A. I see that being present, yes.

4 Q. Do you know what that prefix means?

5 A. Not without speculating.

6 MR. CARTER: Object for foundation.

7 Q. So do you have an understanding of what the
8 JVT E dash meaning is?

9 A. I understand that JVT is used colloquially
10 to refer to the Joint Video Team. If that is how
11 and why these files are named that way, that would
12 make sense to me. Beyond that, I do not have a
13 greater understanding of what that means.

14 Q. Other than providing opinions on the public
15 availability of JVT documents, do you have any other
16 experience with the JVT?

17 A. Other than providing public availability and
18 the research required to do so, I am not familiar,
19 no.

20 Q. And similarly, other than providing your
21 opinions on the public availability, do you have any
22 other experience with the ITU?

1 A. Similarly, my knowledge of the ITU is based
2 on providing public availability and any background
3 research that may have been required to do so.

4 Q. Have you ever been to a JVT or ITU meeting?

5 A. I have not.

6 Q. Do you know what happens at a JVT or ITU
7 meeting?

8 A. I couldn't speculate.

9 Q. Do you know what the ITU is?

10 A. Vaguely.

11 Q. Do you know what the ITU stands for?

12 A. Not without speculating.

13 Q. And I know you said that JVT stood for the
14 Joint Video Team.

15 Other than that, do you know what the JVT
16 is?

17 A. I only --

18 MR. CARTER: Object to form.

19 A. I only know JVT in this context of referring
20 to the Joint Video Team. Other than that, the only
21 knowledge I have gained is background knowledge from
22 the research I've performed.

1 Q. And when you refer to the knowledge you've
2 gained, are you referring to the knowledge you've
3 gained in working on your declaration in this case?

4 A. That is where the majority of the knowledge
5 I'm referring to is coming from. I believe that I
6 have come across the name Joint Video Team in
7 similarly research performed for other cases, but
8 didn't really speculate on that any further.

9 Q. Other than the documents that are discussed
10 or attached to your declaration, have you ever read
11 a JVT or ITU policy document?

12 MR. CARTER: Object to form.

13 A. Again, I may have reviewed other ITU- or
14 JVT-related documents in the past for other cases,
15 but my knowledge and understanding of them ends
16 there.

17 Q. Are you an expert in JVT or ITU policies?

18 A. I am not.

19 Q. Do you know whether the JVT or ITU policies
20 on confidential versus public documents are?

21 MR. CARTER: Object to form.

22 A. I can only discuss the public availability

1 of documents related to JVT as understood by the
2 appendices included in this declaration.

3 Q. But you don't know whether JVT or ITU has
4 any policies on what they consider to be
5 confidential versus public documents?

6 MR. CARTER: Object to form and foundation.

7 A. I mean, the declaration itself, specifically
8 paragraph 7 and 8, do directly quote JVT policy
9 documents as to what is meant to be publicly
10 available.

11 Q. But if you were -- scratch that.

12 If someone had a question about what the JVT
13 or ITU document policies meant, would you be a good
14 person to ask?

15 MR. CARTER: Object to form and foundation.

16 A. I would say that depends on the nature of
17 the inquiry. In this instance, I was able to
18 discover policy documents from the early 2000s which
19 do discuss the public availability. And I believe
20 that providing those documents to somebody asking
21 that question could provide some clarity on what
22 they are asking.

1 Q. Now, I want to turn to your CV, which is on
2 page 13.

3 A. Got it.

4 Q. And then we can flip to the next page where
5 it starts substantively.

6 A. Sounds good. I'm currently there.

7 Q. Now, it's your -- we had discussed earlier
8 that you had some updates to your CV; is that right?

9 A. I performed a lot of work in the last year,
10 in 2024, which means I would have updated case
11 history, as well as a list of depositions I've been
12 in.

13 Q. So if we could just walk through perhaps
14 each section and then you can tell me about the
15 updates for each.

16 So under "Education," do you have any
17 updates on education?

18 A. No, I do not.

19 Q. And so your background for your education is
20 in library and information science; is that right?

21 A. That's my master's. I also have a
22 background in English language and literature.

1 Q. Great. Thank you.

2 And for "Professional Experience," do you
3 have any updates for this section?

4 A. No.

5 Q. And in your professional experience, it's
6 been mostly in the library context; is that right?

7 A. I've worked in libraries for my professional
8 experience and my current work as a researcher since
9 2017 as well, which is not directly library related,
10 but I often on rely on library resources and opine
11 on library collections.

12 Q. And so you do not have a technical
13 background or any technical experience; is that
14 right?

15 MR. CARTER: Object to form.

16 A. I suppose I'm not sure what technical
17 experience would mean in this instance.

18 Q. Fair. You do not have any technical
19 expertise as it relates to video coding technology;
20 is that right?

21 A. Correct.

22 Q. You don't have any expertise as to video

1 coding standards like H.264, H.265, or AV1; is that
2 right?

3 A. No technical experience, no.

4 Q. And you do not have any experience with the
5 JVT or ITU directly; is that right?

6 A. Only in the sense that I may have interacted
7 with ITU publications in the past.

8 Q. How much of your annual work is for
9 litigation consulting?

10 A. All of it.

11 Q. As an expert witness, how many times have
12 you provided opinions on behalf of the plaintiffs or
13 patent owner on one hand as compared to defendants
14 or the patent challenger on the other?

15 A. I would not be able to provide that without
16 advanced review.

17 Q. As an expert witness, have you ever been
18 disqualified?

19 A. Not that I'm aware of.

20 Q. How many times have you been retained by
21 Perkins Coie?

22 A. I would have to estimate. I don't know the

1 exact number off the top of my head.

2 Q. A range?

3 A. 20 to 30 times.

4 Q. And how many times have you been retained by
5 Amazon?

6 A. I believe it is just this one instance.

7 Q. Have you ever worked with Amazon before?

8 A. Not to my direct knowledge although
9 sometimes co-litigants are involved in the case that
10 I'm not aware of.

11 Q. Now, turning to the "Professional
12 Involvement" section of your CV?

13 A. Yes, there.

14 Q. Do you have any updates to this section?

15 A. I do not, no.

16 Q. And then how about any updates for
17 "Professional Development"?

18 A. No.

19 Q. Now, I think that this is where we reach a
20 section you do have some updates on, which is
21 depositions.

22 What are the updates that you have in your

1 "Depositions"?

2 A. I've had additional depositions in the year
3 of 2024. I do not remember the details of all of
4 them off the top of my head, so I don't know that I
5 could provide a detailed list as the CV does.

6 Q. Are there any case in "Clientele History"
7 updates to your CV?

8 A. I would also have updates for that element
9 of my CV. Although similarly, I would need to
10 review my documentation before I could provide any
11 details.

12 Q. Off the top of your head, do you recall any
13 firms or clients that are not reflected in your CV
14 as provided as part of your declaration?

15 A. Yes. I believe there are several firms and
16 clients that are not included currently.

17 Q. Do you recall what firms and clients those
18 are?

19 MR. CARTER: I'll just caution the witness
20 that I don't know if this is the case, but to the
21 extent that there are, you know, confidentiality
22 obligations with respect to other firms, other

1 clients, other matters, you should certainly abide
2 by those. If you're able to answer this question
3 without violating any existing confidentiality
4 issues, please go ahead.

5 A. I cannot provide a solid list of additional
6 clients or firms that I've worked for simply due to
7 the number of cases that I've had this year. I
8 would feel as if I would be providing you inaccurate
9 information without reviewing what I have. And as
10 noted by my counsel, some of those cases are
11 currently under nondisclosure agreements, and I
12 cannot discuss them.

13 Q. I think now would be a good time to take a
14 break.

15 A. Sounds good.

16 (A short break was had.)

17 BY MS. CIELUCH:

18 Q. So I want to walk through some of your
19 appendices to your declaration.

20 MS. CIELUCH: So, Julie, if you could help
21 us out here, pull up the declaration again, Munford
22 Exhibit 2.

1 Now let's turn to page 25, Appendix DAO01.

2 MR. CARTER: And, Jennifer, you're referring
3 to PDF page 25; is that correct?

4 MS. CIELUCH: Yes, that's correct.

5 MR. CARTER: All right. Thank you.

6 A. I am there.

7 BY MS. CIELUCH:

8 Q. Which would mean -- the declaration doesn't
9 have 25 pages so ...

10 MR. CARTER: Yeah, there were page numbers
11 on other pages throughout, so just wanted to make
12 sure that we were on the same page.

13 MS. CIELUCH: I see. Yes. Yes.

14 MR. CARTER: Literally.

15 MS. CIELUCH: I appreciate that, Jon.

16 BY MS. CIELUCH:

17 Q. So we're looking at Appendix DAO01.

18 What is this document?

19 A. This document is a paper by N.D. Dao and
20 W.A.C. Fernando entitled "Channel Coding for H.264
21 Video in Constant Bit Rate Transmission Context over
22 3G Mobile Systems."

1 Q. And you don't offer any technical opinions
2 about this document; is that right?

3 A. Correct.

4 Q. Before this case, had you ever seen this
5 document before?

6 A. No.

7 Q. Going to page 30 of the PDF, Appendix DAO02?

8 A. I'm looking at it.

9 Q. What is this document?

10 A. This is a paper by Dao Ngoc Dung and W.A.C.
11 Fernando entitled, "Unequal Error Protection for
12 H.26L Video Transmission."

13 Q. You don't offer any technical opinions about
14 this document either; is that right?

15 A. That's correct.

16 Q. Now turning to page 40 of the PDF?

17 A. Got it.

18 Q. Which is Appendix EISERT02?

19 A. Yes.

20 Q. What is this document?

21 A. This is a paper by Peter Eisert entitled,
22 "MPEG-4 Facial Animation in Video Analysis and

1 Synthesis" as published in the International Journal
2 of Imaging Systems and Technology.

3 Q. You don't offer any technical opinions about
4 this document either; right?

5 A. None discussing the content of the paper
6 itself. I do discuss the catalog record of this
7 material, which could be considered technical.

8 Q. Fair.

9 You do not offer any opinions about the
10 content of this paper; is that right?

11 A. That's correct.

12 Q. Now turning to --

13 A. I may have been cut off. Which page are we
14 turning to?

15 Q. Sorry. That was me. I was pausing.

16 A. Oh, okay. Sorry about that. No pressure.
17 No pressure.

18 Q. I glitched.

19 Turning to page 57 of your PDF, and that's
20 Appendix JVT?

21 A. Correct.

22 Q. What is this document?

1 A. This is a document entitled, "Terms of
2 Reference for Joint Video Team (JVT) Activities."

3 Q. And you're not part of the JVT; is that
4 right?

5 A. Correct.

6 Q. So you're not offering any opinions about
7 your experience with the JVT; is that right?

8 A. Correct. I'm only opining on my experience
9 reviewing these documents.

10 Q. Now turning to PDF page 84?

11 A. Got it.

12 Q. This is Appendix Wenger.

13 What is this document?

14 A. This document is a paper by Stephan Wenger
15 entitled, "H.264/AVC Over IP."

16 Q. And you're not offering any opinions about
17 the content of this paper; is that right?

18 A. That's correct.

19 Q. And you don't have any technical experience
20 with H.264 or AVC; right?

21 A. Correct.

22 Q. Now turning to page 7 of your declaration,

1 paragraph 22?

2 A. I'm there.

3 Q. In this paragraph, you describe a
4 subscription service named TIES; is that right?

5 A. That's right.

6 Q. What is TIES?

7 A. Based on reviewing the ITU page referenced
8 within this paragraph, TIES is a membership offered
9 by ITU that allows people to access ITU
10 documentation.

11 Q. So you have to have a TIES account in order
12 to access ITU documentation; is that right?

13 MR. CARTER: Object to form.

14 A. That's not my understanding. There's a
15 passage in paragraph 22 which reads, "restricted
16 (Paying) documents may be acquired by subscribing to
17 the ITU online subscription service or by purchasing
18 individually."

19 This passage indicates the documentation
20 could be purchased individually separate from a
21 membership.

22 Q. So the documents that you can access by

1 purchasing individually are the documents -- no,
2 scratch that.

3 So there are certain documents that you can
4 pay for individually from the ITU; is that right?

5 A. As the passage I previously read indicates,
6 it is possible for restricted (paying) documents to
7 be acquired by purchasing them individually.

8 Q. So that only applies to what the ITU
9 considers to be the "restricted paying documents";
10 is that right?

11 MR. CARTER: Object to form.

12 A. So I would say that the phrase "restricted
13 paying documents" is accurate in regards to that
14 passage. Previous passages indicate which type of
15 documents were being included, such as study group
16 contributions, delayed contributions, reports,
17 temporary documents, liaison statements, and working
18 documents.

19 Q. So in order to access those documents from
20 the ITU, you either need to have a TIES account or
21 purchase those documents individually; is that
22 right?

1 A. Based on the discussion of the TIES service,
2 yes. Paragraph 23 does discuss an alternate route
3 to accessing these materials via an email list.

4 Q. So either through the email list, the TIES
5 account, or by purchasing these documents
6 individually, that is how you would be able to
7 access ITU documents that you described here in
8 paragraph 22 of your declaration.

9 A. Those are the routes to acquiring those
10 materials as described in the declaration. I do not
11 know if they are the only ways to acquire these
12 documents as of this time.

13 Q. But those three routes are the only ones
14 that you are aware of in order to access ITU
15 documents at this time; is that right?

16 A. That's my understanding. Paragraph 21 of my
17 declaration does show a document request form, but I
18 believe that would fall under the pur -- veil of
19 acquiring them individually.

20 Q. Do you have a TIES account?

21 A. I do not.

22 Q. Have you requested a document from ITU using

1 their request form?

2 A. No.

3 Q. Do you know what is required to obtain a
4 TIES account?

5 A. I do not, no.

6 Q. So you've never personally seen what a TIES
7 account would give you access to; is that right?

8 A. My understanding of what a TIES account
9 allows access to is restricted to the understanding
10 presented in the declaration.

11 Q. Is there a membership required in order to
12 have a TIES account?

13 MR. CARTER: Object to form and foundation.

14 A. I believe that the TIES account does involve
15 a subscription based on the language used in the
16 passages included in paragraph 22.

17 Q. And does that subscription cost money?

18 A. I do not know.

19 Q. You said that your understanding of what a
20 TIES account allows access to is restricted to your
21 understanding presented in the declaration.

22 But to clarify, that's not based on ever

1 having a TIES account; is that right?

2 A. Correct.

3 Q. Before this case, have you ever heard of a
4 TIES account?

5 A. I am familiar with the ITU subscription to
6 access their materials generally, but not this
7 service -- subscription service specifically.

8 Q. So turning to page 73 of the PDF of your
9 declaration, it's titled "Appendix Mailing List
10 Subscription"?

11 A. Okay. I'm there.

12 Q. What is this document?

13 A. This document is a form to sign up for the
14 email mailing list.

15 Q. The email mailing list for ITU; is that
16 right?

17 A. Correct.

18 Q. In order to sign up for the email mailing
19 list for ITU, this dictates "A TIES account is
20 required to access the study group 16 informal FTP
21 area"; is that right?

22 A. I see a passage on the page confirming that,

1 yes.

2 Q. And you don't have any knowledge of any
3 other way to access the study group 16 informal FTP
4 area; is that right?

5 A. I'll need to review something very quick.
6 I'm heading back in my declaration to a paragraph
7 earlier. That would be paragraph 21. This
8 paragraph discusses a document request form.

9 Q. And so that is PDF page 76, "Appendix SG16
10 Document Request Form"?

11 A. I believe so, yes. Let me review to
12 confirm. Yes, that is the form I'm referring to and
13 discussed in the passage that I highlighted.

14 Q. So in order to access the study group 16
15 materials, you either need to have a TIES account or
16 submit the SG16 document request form; is that
17 right?

18 A. Of the two ways outlined in this
19 declaration, yes.

20 Q. And as part of the SG16 document request
21 form, you have to specify a membership?

22 A. Correct.

1 Q. And in the SG16 document request form, it
2 specifies that "To download the documents from the
3 web, a TIES account is necessary"; is that right?

4 A. I do see that, yes.

5 Q. In order to obtain a TIES account according
6 to the SG16 document request form, you can make a
7 request to an itu.int email address; is that right?

8 A. I'll need to review. Where are you seeing
9 that?

10 Q. In the same paragraph we were just looking
11 at on the SG16 document request form, the --
12 continuing in that middle-of-the-page paragraph.
13 "To download documents from the web, a TIES account
14 is necessary. This can be requested at
15 ties.registration@itu.int."

16 Did I read that correctly?

17 A. You did read that correctly. I may have
18 been confused when asking the question as I believe
19 the form also indicates the material can be acquired
20 via paper, and that would not require a TIES
21 account.

22 Q. But in order to receive the documents in

1 paper, you had to fill out the SG16 document request
2 form indicating a membership; is that right?

3 A. The form does include a field for
4 membership. That, I don't believe, is the same
5 thing as membership to the TIES service.

6 Q. As far as you're aware, the only way to
7 receive documents of SG16 group from ITU in paper
8 form is to submit this SG16 document request form;
9 is that right?

10 A. I believe that the documents are able to be
11 purchased individually, but that is not reflected in
12 this form. And it's discussed in the declaration in
13 a different passage.

14 Q. As part of requesting documents through the
15 SG document request form, you have to select one of
16 the memberships toggles that they have here in the
17 form; is that right?

18 MR. CARTER: Object to form.

19 A. I do see a membership field as well as a
20 field indicating name of organization, which I
21 believe is related.

22 Q. I didn't catch the last part of what you

1 just said. Could you just repeat your answer?

2 A. Sure. I see a membership field with a modal
3 selection as well as a name of organization field
4 that I believe may be connected to that membership
5 toggle.

6 Q. And you indicated that you didn't think that
7 membership was talking about TIES; is that right?

8 A. I believe that there is a membership status
9 here that is unrelated to TIES but could still
10 relate to one's relationship to ITU and which
11 documents would be accessible due to that
12 relationship.

13 Q. If you could turn to page 79, Appendix SG
14 index?

15 A. Got it.

16 Q. What is this document?

17 A. This document is an index of study group 16
18 documents and links.

19 Q. And in this document, it says the TIES
20 account is required for contributions, delayed
21 contributions, temporary documents, reports,
22 incoming liaison statements, and outgoing liaison

1 statements; is that right?

2 A. Correct.

3 Q. And then turning to the next page, page 81
4 "Appendix TIES"?

5 A. Got it.

6 Q. What is this document?

7 A. This is a frequently asked questions page
8 describing the TIES service.

9 Q. And in this document, it outlines who is
10 eligible for a TIES account?

11 A. Correct.

12 Q. And so the persons who are eligible for the
13 TIES account are listed as "working in a Government
14 Telecommunication Administration in one of the ITU
15 member states," "your company is a sector member of
16 the ITU," or "you are working in a Geneva-based
17 permanent mission of an ITU member state"; is that
18 right?

19 A. Correct.

20 Q. You don't have any different understanding
21 of who is eligible for a TIES account?

22 A. There is a passage below which indicates

1 ITU-T associates can request a TIES account. That
2 would be the only thing I would note.

3 Q. So other than who is listed here in the ITU
4 facts page of who is eligible for TIES, you don't
5 have any other understanding of who would be
6 eligible for a TIES account?

7 A. I don't have any broader knowledge, no.

8 Q. All right.

9 MS. CIELUCH: This would be a good time to
10 take a break.

11 THE WITNESS: Okay.

12 (A short break was had.)

13 MS. CIELUCH: No further questions.

14 MR. CARTER: All right. And no redirect
15 from me.

16 (Off the record at 10:41 a.m.)
17
18
19
20
21
22

1 CERTIFICATE OF COURT REPORTER - NOTARY PUBLIC

2
3 I, TIFFANY M. PIETRZYK, Certified Shorthand
4 Reporter No. 084-004371, CSR, RPR, CRR, and a Notary
5 Public within and for the State of Illinois, do
6 hereby certify:

7
8 That JUNE ANN MUNFORD, the witness whose
9 deposition is hereinbefore set forth, was duly sworn
10 by me before the commencement of such deposition and
11 that such deposition was taken before me and is a
12 true record of the testimony given by such witness.

13
14 I further certify that the adverse parties,
15 AMAZON.COM, INC and AMAZON.COM SERVICES LLC, were
16 represented by counsel at the deposition.

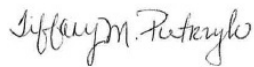
17
18 I further certify that the deposition of
19 JUNE ANN MUNFORD occurred virtually, via Zoom
20 videoconference, on Tuesday January 14, 2025,
21 commencing at 9:03 a.m. CST to 10:41 a.m. CST.

22

1 I further certify that I am not related to
2 any of the parties to this action by blood or
3 marriage, I am not employed by or an attorney to any
4 of the parties to this action, and that I am in no
5 way interested, financially or otherwise, in the
6 outcome of this matter.

7
8 IN WITNESS WHEREOF, I have hereunto set my
9 hand and affixed my notarial seal this 27th day of
10 January, 2025.

11
12
13
14 My commission expires: February 28th, 2028

15 
16 _____

17 NOTARY PUBLIC IN AND FOR THE
18 STATE OF ILLINOIS