1	UNITED STATES PATENT AND TRADEMARK OFFICE				
2	BEFORE THE PATENT TRIAL AND APPEAL BOARD				
3					
4	Case IPR2017-01131				
5	US Patent No. 8,464,304				
6	Case IPR2017-01133				
7	US Patent No. 8,601,506				
8	************				
9	TWITTER, INC.,				
10	Petitioner,				
11	vs.				
12	VIDSTREAM, LLC,				
13	Patent Owner.				
14	**************				
15					
16					
17	DEPOSITION OF HENRY H. HOUH, Ph.D., a witness				
18	called on behalf of the Patent Owner, pursuant to the				
19	Rules of Civil Procedure, before Karen D. Pomeroy,				
20	Registered Diplomate Reporter and Notary Public in				
21	and for the Commonwealth of Massachusetts, at the				
22	offices of Dunn Reporting Services, 185 Devonshire				
23	Street, Boston, Massachusetts, on Thursday,				
24	September 6th, 2018, commencing at 9:08 a.m.				
25	Twitter, Inc. v. VidStream LLC				



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1	INDEX				
2	DEPOSITION OF HENRY H. HOUH, Ph.D. PAGE				
3	Examination by Attorney Robinson 4				
4					
5	PREVIOUSLY MARKED EXHIBITS				
6	NO.	DES	CRIPTION PAGE		
7	Ex. 1	007	Declaration of Kevin C. Almeroth, Ph.D.,		
8			Under 37 C.F.R., Section 1.68 in Support of Petition for Inter Partes Review of		
9	n 1	0.00	U.S. Patent No. 9,083,997 (Claims 1-19)		
10	Ex. 1	.009	United States Patent Application Publication Number US 2012-0254925 A1,		
11	n 1	026	Nassiri		
12	Ex. 1	.036	Reply Declaration of Kevin C. Almeroth, Ph.D., Under 37 C.F.R., Section 1.68 in		
13			Support of Petition for Inter Partes Review of U.S. Patent No. 9,083,997 (Claims 1-19)		
14	n 1	027			
15			HTTP Live Streaming Draft Dated 03/23/12126		
16			ISO/IEC 23009-1, Information Technology - Dynamic Adaptive Streaming over HTTP		
17			(DASH)		
18	Ex. 1	039	Netflix Technology Blog, HTML 5 and Video Streaming		
19	Ex. 1	040	Adobe Flash Video File Format		
20	Ex. 1	044	Specification, Version 10.1 Excerpt From Microsoft Computer		
21			Dictionary, Fifth Edition 86		
22					
23					
24					
25					



HENRY H. HOUH, Ph.D.,

2 having been duly sworn by the reporter, was

deposed and testified as follows:

EXAMINATION

5 BY MR. ROBINSON:

1

4

6

11

- Q. Good morning, Dr. Houh.
- 7 A. Good morning.
- 8 Q. Thank you for being here. I'm going to hand you

9 what's been marked Exhibit 1003 in the 1131 IPR

relating to the 304 patent.

Do you recognize that document?

- 12 | A. Yes, I do.
- 13 Q. And could you briefly state what that document

14 is.

- 15 A. It's a copy of my declaration for the 304 patent
- 16 proceeding.
- 17 Q. Okay. And that's your first declaration, just to
- 18 be clear?
- 19 A. Yes, it's my first declaration.
- 20 O. Does that document mention SDKs at all?
- 21 MR. SIEGEL: Objection. Outside the scope of
- 22 this deposition.
- 23 A. If you look at page 25, paragraph 62 to 66, it's
- 24 describing at a high level the Lahti reference;

25 and if you look at narrownh 62 it gave "Tabti



generally describes the MobiCon video production tool, which allows users to record video clips with their camera phones and share them with others."

And so that paragraph doesn't specifically mention SDKs, but if you look at the Lahti reference itself, it says something like recording on camera phones is done using the SDK.

So this is a high-level description. This paragraph -- you know, I think this section doesn't get into the details of the paper at that level, but if you -- it's clearly talking about recording video clips; and the Lahti reference clearly talks -- if you look at it in I think Section 3 or something like that off the top of my head, it talks about using SDK from various camera manufacturers to perform video recording or something like that.

I don't have the Lahti paper memorized.

BY MR. ROBINSON:

thia donoaition

- Q. So the paragraphs you've pointed to in your declaration don't mention SDKs; did I hear that correctly?
 - MR. SIEGEL: Objection. Outside the scope of



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