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UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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SLING TV L.L.C., SLING MEDIA, L.L.C., DISH NETWORK  
L.L.C., DISH TECHNOLOGIES L.L.C.,  
Petitioners,

v.

REALTIME ADAPTIVE STREAMING LLC,  
Patent Owner.

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PTAB Case No. IPR2018-01331  
U.S. Patent 8,867,610 B2

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DEPOSITION OF KENNETH A. ZEGER, PH.D.

July 31, 2019

8:00 AM

San Diego, California

DEPOSITION OF KENNETH A. ZEGER, PH.D., taken  
on behalf of the Petitioners, at 12390 El Camino  
Real, San Diego, California, commencing at  
8:00 a.m. and ending at 1:21 p.m., Wednesday, July  
31, 2019, before Audrey L. Ricks, RPR, CCR, CLR,  
Certified Shorthand Reporter, No. 12098.

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I N D E X

WITNESS	PAGE
DR. KENNETH A. ZEGER	
BY MR. LIVEDALEN	4

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E X H I B I T S

Number	Description	Page
Exhibit 1	U.S. Patent, Fallon, et al., US 8,867,610, October 21, 2014, Bates DISH 1001, 44 pages	12
Exhibit 2	Declaration of Kenneth A. Zeger, Ph.D., in Support of Patent Owner's Response, IPR2018-01331, Patent 8,867,610 B2, 88 pages	24
Exhibit 3	U.S. Patent, Vishwanath, et al., US 6,216,167 B1, April 10, 2001, Bates DISH 1004, 19 pages	52
Exhibit 4	Journal/Article Printout by Web Enhanced, entitled "DVD Demystified," by Jim Taylor, Bates DISH 1021, 135 pages	62
Exhibit 5	U.S. Patent, Kalra, et al., US 5,953,506, September 14, 1999, Bates DISH 1006, 60 pages	146

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1 San Diego, California

2 Wednesday, July 31, 2019

3

4 MATTHEW A. ZEGER,

5 having been first administered the oath, was

6 examined and testified as follows:

7

8 EXAMINATION

9 BY MR. LIVEDALEN:

10 Q Good morning, Dr. Zeger.

11 A Good morning.

12 Q Could you please state your full name for  
13 the record.

14 A Ken Zeger.

15 Q And are you employed?

16 A Yes.

17 Q By who?

18 A I work at the University of California,  
19 San Diego.

20 Q And you understand that you're testifying  
21 under oath today; is that right?

22 A Correct.

23 Q Just as if you would be providing  
24 testimony in a court of law?

25 A Yes.

1 Q And so you understand your testimony must  
2 be truthful, complete, and accurate?

3 A Yes.

4 Q So I'll ask you a series of questions, and  
5 is it fair to say that if you don't understand a  
6 question, that you will ask for clarification?

7 A Yes.

8 Q And we'll take breaks about once an hour.  
9 If you want to take a break before then, just let us  
10 know.

11 A Okay.

12 Q And the only rule is that if there's a  
13 question pending, that you answer the question and  
14 then we'll take a break after you answer the  
15 question.

16 Is that fair?

17 A Yeah.

18 Q Okay. And finally, if you ever need to  
19 correct something that you said earlier, always feel  
20 free to do that as the day goes on.

21 Do you understand that?

22 A Yes.

23 Q So just for the record, this first  
24 deposition is going to be for IPR2018-01331, which  
25 is involving the '610 patent.

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