1	UNITED STATES PATENT AND TRADEMARK OFFICE
2	
3	BEFORE THE PATENT TRIAL AND APPEAL BOARD
4	
5	ROKU, INC.,
6	Petitioner,
7	V.
8	UNIVERSAL ELECTRONICS, INC.
9	Patent Owner.
10	
11	Case No. IPR2019-01613
12	U.S. Patent 8,004,389
13	
14	Virtual Deposition of
15	MICHAEL D. SPRENGER, Ph.D.
16	Wednesday, September 16, 2020
17	8:00 a.m. MST
18	
19	
20	Job No.: 320998
21	Pages: 1 - 64
22	Reported by: Elisabeth A. Miller Lorenz, RMR, CRR

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## Transcript of Michael D. Sprenger, Ph.D. Conducted on September 16, 2020

1	Virtual deposition of MICHAEL D. SPRENGER,					
2	Ph.D., taken pursuant to notice, before Elisabeth					
3	A. Miller Lorenz, Registered Merit Reporter, Certified					
4	Realtime Reporter, and a Notary Public in and for the					
5	state of Tennessee.					
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	Transcript of Michael D. Sprenger, Ph.D. Conducted on September 16, 2020		
1	APPEARANCES (Continued)		
2			
3	ALSO PRESENT:		
4	Jon Bortolini, Audiovisual Technician		
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	Transcript of Michael D. Sprenger, Ph.D. Conducted on September 16, 2020	5
1	CONTENTS	
2	EXAMINATION OF MICHAEL D. SPRENGER, Ph.D.	PAGE
3	By Mr. Tang	6
4		
5	EXHIBITS	
6	SPRENGER DEPOSITION EXHIBITS	PAGE
7	Exhibit 5 Declaration of Dr. Sprenger	15
8	Exhibit 6 '389 Patent	18
9		
10		
11		
12		
13		
14		
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17		
18		
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