

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.,  
Petitioner,

v.

REALTIME ADAPTIVE STREAMING LLC  
Patent Owner.

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Case IPR2018-01342  
Patent 8,934,535

**REALTIME ADAPTIVE STREAMING LLC'S UPDATED POWER OF  
ATTORNEY**

Pursuant to 37 C.F.R. § 42.10(b), Patent Owner Realtime Adaptive Streaming LLC, a Texas limited liability company with a principal place of business at 66 Palmer Avenue, Suite 27, Bronxville, NY 10708, hereby appoints the following practitioners as its attorneys to transact all business in the United States Patent & Trademark Office associated with the above-captioned *inter partes* review:

Lead Counsel	Back-Up Counsel
<p>Neil A. Rubin Reg. No. 67,030 Russ August &amp; Kabat 12424 Wilshire Blvd., 12<sup>th</sup> Fl. Los Angeles, CA 90025 Phone: (310) 826-7474 Fax: (310) 826-6991 <a href="mailto:nrubin@raklaw.com">nrubin@raklaw.com</a></p>	<p>Kent Shum (Reg. No. 61,117) Philip X. Wang (Reg. No. 74,621) Reza Mirzaie (Reg. No. 69,138) C. Jay Chung (Reg. No. 71,007) Russ August &amp; Kabat 12424 Wilshire Blvd., 12<sup>th</sup> Fl. Los Angeles, CA 90025 Phone: (310) 826-7474 Fax: (310) 826-6991 <a href="mailto:kshum@raklaw.com">kshum@raklaw.com</a> <a href="mailto:pwang@raklaw.com">pwang@raklaw.com</a> <a href="mailto:rmirzaie@raklaw.com">rmirzaie@raklaw.com</a> <a href="mailto:jchung@raklaw.com">jchung@raklaw.com</a> <a href="mailto:rak_realtimedata@raklaw.com">rak_realtimedata@raklaw.com</a></p>

For Realtime Adaptive Streaming LLC

Signature: 

By: Richard Tashjian

Title: Manager

Date: 3/5/19

**CERTIFICATE OF SERVICE (37 C.F.R. § 42.6(e)(1))**

The undersigned hereby certifies that the above document was served on March 5, 2019, by filing this document through the Patent Review Processing System as well as delivering a copy via electronic mail upon the following attorneys of record for the Petitioner:

Ruffin B. Cordell, Reg. No. 33,487  
Adam R. Shartzer Reg. No. 57,264  
Brian J. Livedalen Reg. No. 67,450  
[IPR45035-0002IP4@fr.com](mailto:IPR45035-0002IP4@fr.com)  
[PTABInbound@fr.com](mailto:PTABInbound@fr.com)

Date: March 5, 2019

/ Kent Shum /

RUSS AUGUST & KABAT  
12424 Wilshire Blvd., 12<sup>th</sup> Fl.  
Los Angeles, CA 90025  
(310) 826-7474

Kent Shum  
Reg. No. 61,117  
Attorney for Patent Owner