

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 No. IPR2019-01589  
Patent 8,934,535

**REALTIME ADAPTIVE STREAMING LLC'S 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:

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

For Realtime Adaptive Streaming LLC

Signature:   
By: Richard Tashjian  
Title: Manager

Date: 9/30/19

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

The undersigned hereby certifies that the above document was served on Oct. 1, 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:

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Dated: Oct. 1, 2019

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