

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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COMCAST CABLE COMMUNICATIONS, LLC,  
Petitioner,

v.

REALTIME ADAPTIVE STREAMING LLC  
Patent Owner.

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Case IPR2019-01109  
Patent 9,769,477

**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:

Lead Counsel	Back-Up Counsel
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For Realtime Adaptive Streaming LLC

Signature:   
By: Richard Tashjian  
Title: Manager

Date: Oct. 3, 2019

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

The undersigned hereby certifies that the above document was served on Oct. 3, 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. 3, 2019

/ Philip X. Wang /  
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