Sling TV L.L.C., Sling Media, L.L.C., DISH Network L.L.C., DISH Technologies L.L.C., Petitioner,

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REALTIME ADAPTIVE STREAMING LLC Patent Owner.

> Case IPR2018-01342 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 1828 E.S.E. Loop 323, Tyler, Texas 75701, 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: 12424 Wilshire Blvd., 12th Fl.12424 Wilshire Blvd., 12th Fl.Los Angeles, CA 90025Los Angeles, CA 90025Phone: (310) 826-7474Phone: (310) 826-7474Fax: (310) 826-6991Fax: (310) 826-6991nrubin@raklaw.comkshum@raklaw.com

For Realtime Adaptive Streaming LLC

Signature: By: Richard Tashjian

Title: Manager 7/17/18

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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 <u>IPR45035-0002IP4@fr.com</u> <u>PTABInbound@fr.com</u>

Date: July 17, 2018

/ Kent Shum /

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

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