

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 MANDATORY  
NOTICES PURSUANT TO 37 C.F.R. §42.8(a)(2)**

Pursuant to 37 C.F.R. § 42.8(a)(3), Patent Owner, Realtime Adaptive Streaming LLC hereby files these Updated Mandatory Notices.

**I. 37 C.F.R § 42.8(b)(1) – REAL PARTY-IN-INTEREST**

The Patent Owner and real party-in-interest is Realtime Adaptive Streaming, LLC.

**II. 37 C.F.R § 42.8(b)(2) – RELATED MATTERS**

Patent Owner notes the following proceedings that may affect, or be affected by, a decision in this proceeding:

<b>No.</b>	<b>Case Caption Plaintiff: Realtime Adaptive Streaming LLC</b>	<b>Court</b>	<b>Civil Action No.</b>
<b>1</b>	<b>Defendants:</b> Sling TV L.L.C., Sling Media, L.L.C., Dish Network L.L.C., Dish Technologies L.L.C., Arris Group, Inc.	D. Colorado	1:17-cv-02097-RBJ (Filed 08/31/2017)
<b>2</b>	<b>Defendant:</b> Haivision Network Video Inc.	D. Delaware	1:17-cv-01520-JFB-SRF (Filed: 10/26/2017)
<b>3</b>	<b>Defendants:</b> Netflix, Inc. Netflix Streaming Services, Inc.	D. Delaware	1:17-cv-01692-JFB-SRF (Filed: 11/21/2017)
<b>4</b>	<b>Defendant:</b> Adobe Systems Inc.	C.D. Cal. (Western Division)	2:18-cv-09344-GW-JC (filed 02/23/2018)
<b>5</b>	<b>Defendants:</b> Google LLC Youtube, LLC	C.D. Cal. (Western Division)	2:18-cv-03629-GW-JC (filed April 30, 2018)
<b>6</b>	<b>Defendant:</b> Comcast Cable Communications, LLC	D. Colorado	1:18-cv-01446 (filed June 11, 2018)

**III. 37 C.F.R § 42.8(b)(3) – LEAD AND BACKUP COUNSEL**

<b>Lead Counsel</b>	<b>Back-Up Counsel</b>
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Pursuant to 37 C.F.R. § 42.10(b), an Updated Power of Attorney is being filed concurrently with these updated mandatory notices.

**IV. 37 C.F.R § 42.8(b)(4) – SERVICE INFORMATION**

Please address all correspondence to the lead and backup counsel as shown above. Patent Owner consents to electronic service by e-mail at the e-mail addresses above.

**V. CONCLUSION**

Patent Owner believes that this submission fulfills the requirements of 37 C.F.R. § 42.8(a)(2). Please contact the undersigned counsel if any additional information is required.

Respectfully submitted,

Dated: July 12, 2019

/ Kent N. Shum /

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

The undersigned hereby certifies that the above document was served on July 12, 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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