UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

HULU, LLC, AMAZON.COM, INC., and NETFLIX, INC., Petitioners,

v.

REALTIME ADAPTIVE STREAMING LLC, Patent Owner.

> Case IPR2018-01187 Patent No. 9,769,477

REALTIME ADAPTIVE STREAMING LLC'S UPDATED MANDATORY NOTICES

IPR2018-01187 UPDATED MANDATORY NOTICES

Pursuant to 37 C.F.R. § 42.8(a)(3), Patent Owner hereby files these Updated

Mandatory Notices to identify its updated designation of counsel, service

information, and related matters.

I. DESIGNATION OF COUNSEL

New lead counsel for Patent Owner is:

Joel P.N. Stonedale, Reg. No. 76,924 (*FORMER BACK-UP COUNSEL*) joel@noroozipc.com NOROOZI PC 2245 Texas Drive, Suite 300 Sugar Land, TX 77479 Tel.: 310-975-7074 Ext. 4

First back-up counsel for Patent Owner is:

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Back-up counsel for Patent Owner is:

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II. SERVICE INFORMATION

Please address all correspondence to the lead and back-up counsel as shown above. Patent Owner consents to electronic service by e-mail to all of the e-mail addresses provided above.

III. RELATED MATTERS

Patent Owner notifies the Board of the following proceedings that may affect or be affected by a decision in this proceeding.

A. Proceedings Before the USPTO Involving the Patent-at-Issue

U.S. Patent No. 9,769,477 ("the '477 patent"), challenged here, has also

been challenged in the following *inter partes* review proceedings:

- *Netflix, Inc. et al v. Realtime Adaptive Streaming LLC,* IPR2018-01630, filed September 24, 2018;
- Sony Corporation et al v. Realtime Adaptive Streaming LLC, IPR2018-01413, filed July 31, 2018;

B. Litigation Involving the Patent-at-Issue

The '477 patent has also been asserted in the following litigations:

• *Realtime Adaptive Streaming LLC v. Google LLC et al*, No. 2-18-cv-03629 (C.D. Cal.), filed April 30, 2018;

- *Realtime Adaptive Streaming LLC v. Amazon.com, Inc. et al*, 6:17-cv-00549 (E.D. Tex.), filed September 27, 2017;
- Realtime Adaptive Streaming LLC v. Adobe Systems Inc., No. 2:18cv-09344 (C.D. Cal.), filed October 31, 2018;
- Realtime Adaptive Streaming LLC v. Haivision Network Video Inc., No. 1:17-cv-1520 (D. Del.), filed October 26, 2017;
- Realtime Adaptive Streaming LLC v. Netflix, Inc. et al, No. 1:17-cv-1692 (D. Del.), filed November 21, 2017; and
- Realtime Adaptive Streaming, LLC v. Comcast Cable
 Communications, LLC d/b/a Xfinity et al, No. 1-18-cv-01446 (D.
 Colo.), filed June 11, 2018.

Respectfully submitted,

/s/ Joel Stonedale

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Counsel for Patent Owner

Date: December 12, 2018

IPR2018-01187 UPDATED MANDATORY NOTICES

CERTIFICATION OF SERVICE

The undersigned hereby certifies that the foregoing **REALTIME**

ADAPTIVE STREAMING LLC'S UPDATED MANDATORY NOTICES

was served electronically via e-mail on December 12, 2018, on the following

counsel of record for Petitioner, Netflix, Inc.:

Harper Batts (Lead Counsel)	HBatts@sheppardmullin.com
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Respectfully submitted,

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Counsel for Patent Owner

Date: December 12, 2018