IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

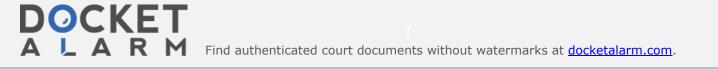
BEFORE THE PATENT TRIAL AND APPEAL BOARD

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

v. REALTIME ADAPTIVE STREAMING LLC, Patent Owner.

IPR2018-01187

PETITIONERS' UPDATED MANDATORY NOTICES



Pursuant to 37 C.F.R. §42.8, Petitioners provide the following updated mandatory notices:

Real Party in Interest:

The real parties in interest are Amazon.com, Inc., Amazon Digital Services LLC, Amazon.com Services, Inc.,¹ Hulu, LLC, Netflix, Inc., and Netflix Streaming Services, Inc. With respect to Hulu, LLC, while it is the real party-in-interest, the following entities own ten percent or more of the stock of Hulu, LLC: AT&T, Inc., Comcast Corporation, Twenty-First Century Fox, Inc., and The Walt Disney Company. None of the foregoing parties listed as part-owners of Hulu, LLC controlled or funded this *Inter Partes* Review proceeding (IPR), nor did they contribute to the preparation of this IPR in any way.

Lead and Backup Counsel:

Petitioners designate Harper Batts (Reg. No. 56,160) as lead counsel and Eliot Williams (Reg. 50,822), Chris Ponder (Reg. No. 77,167) and Jennifer Nall (Reg. 57,053) as back-up counsel, each of Baker Botts L.L.P.

¹ "Amazon Digital Services, Inc." does not exist but was originally listed by Realtime in its Complaint in Civil Action No. 6:17-cv-00549 (E.D. Tex.) before being subsequently dismissed.

Service Information:

Petitioners consent to service by electronic mail sent to:

harper.batts@bakerbotts.com, eliot.williams@bakerbotts.com, chris.ponder@bakerbotts.com, jennifer.nall@bakerbotts.com, and dl-realtime-ipr-service@bakerbotts.com.

Petitioners may be served by mail or hand delivery addressed to counsel at Baker Botts L.L.P, 1001 Page Mill Road, Building One, Suite 200, Palo Alto, CA, 94304. Petitioners may be reached by telephone at (650) 739-7500 and by facsimile at (650) 739-7609.

Related Matters:

The '477 Patent is the subject of the following judicial or administrative matters that would affect, or be affected by, a decision in the proceeding:

- *Realtime Adaptive Streaming LLC v. Amazon.com, Inc. et al,* Case No. 6-17-cv-00549, Eastern District of Texas
- *Realtime Adaptive Streaming LLC v. Hulu, LLC,* Case No. 2-17-cv-07611, Central District of California
- *Realtime Adaptive Streaming LLC v. Cisco Systems, Inc.,* Case No. 6-17-cv-00591, Eastern District of Texas
- *Realtime Adaptive Streaming LLC v. Brightcove Inc. et al,* Case No. 1-17-cv-01519, District of Delaware
- *Realtime Adaptive Streaming LLC v. Haivision Network Video Inc.,* Case No. 1-17-cv-01520, District of Delaware

- *Realtime Adaptive Streaming LLC v. Polycom, Inc.,* Case No. 1-17-cv-02692, District of Colorado
- *Realtime Adaptive Streaming LLC v. Netflix, Inc. et al,* Case No. 1-17-cv-01692, District of Delaware
- *Realtime Adaptive Streaming LLC v. Sony Electronics Inc.,* Case No. 1-17-cv-01693, District of Delaware
- *Realtime Adaptive Streaming LLC v. Apple Inc.,* Case No. 1-17-cv-02869, District of Colorado
- *Realtime Adaptive Streaming LLC v. Adobe Systems Incorporated,* Case No. 1-18-cv-10355, District of Massachusetts
- Realtime Adaptive Streaming LLC v. Samsung Electronics Co., Ltd. et al, Case No. 6-18-cv-00113, Eastern District of Texas
- *Realtime Adaptive Streaming LLC v. Wowza Media Systems LLC,* Case No. 1-18-cv-00927, District of Colorado
- *Realtime Adaptive Streaming LLC v. Google LLC et al,* Case No. 2-18-cv-03629, Central District of California
- *Realtime Adaptive Streaming LLC v. Avaya Inc.,* Case No. 1-18-cv-01046, District of Colorado
- *Realtime Adaptive Streaming LLC v. Broadcom Corporation et al.,* Case No. 1-18-cv-01048, District of Colorado
- *Realtime Adaptive Streaming LLC v. LG Electronics Inc. et al,* Case No. 6-18-cv-00215, Eastern District of Texas
- *Realtime Adaptive Streaming LLC v. Advanced Micro Devices, Inc.,* Case No. 1-18-cv-01173, District of Colorado
- *Realtime Adaptive Streaming LLC v. Intel Corporation,* Case No. 1-18-cv-01175, District of Colorado

- *Realtime Adaptive Streaming LLC v. Mitel Networks, Inc.,* Case No. 1-18-cv-01177, District of Colorado
- *Realtime Adaptive Streaming LLC v. Cox Communications, Inc.,* Case No. 8-18-cv-00942, Central District of California
- Realtime Adaptive Streaming LLC v. Charter Communications, Inc. et al., Case No. 1-18-cv-01345, District of Colorado
- Realtime Adaptive Streaming, LLC v. Comcast Cable Communications, LLC d/b/a Xfinity et al, Case No. 1-18-cv-01446, District of Colorado
- Sony Corporation et al v. Realtime Adaptive Streaming LLC, IPR2018-01413, Patent Trial and Appeal Board

Date: August 21, 2018

Respectfully submitted, BAKER BOTTS L.L.P.

/Harper Batts/

Harper Batts (Reg. No. 56,160) Attorney for Petitioner

DOCKET A L A R M



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