

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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**BEFORE THE PATENT TRIAL AND APPEAL BOARD**

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

v.

REALTIME ADAPTIVE STREAMING LLC,  
Patent Owner.

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Case No. IPR2018-01187

Patent 9,769,477

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**PETITION FOR *INTER PARTES* REVIEW**  
**OF U.S. PATENT NO. 9,769,477**

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**EXHIBIT LIST**

<b>Exhibit No.</b>	<b>Description</b>
<b>1001</b>	U.S. Patent No. 9,769,477 to Fallon <i>et al.</i> (“the ’477 Patent”)
<b>1002</b>	Prosecution File History for the ’477 Patent
<b>1003</b>	Declaration of Dr. James A. Storer
<b>1004</b>	Japanese Patent Application Publication No. H11331305 to Imai <i>et al.</i> (“Imai”).
<b>1005</b>	Certified English Translation of Imai
<b>1006</b>	U.S. Patent No. 6,507,611 to Imai <i>et al.</i> (“Imai ’611”)
<b>1007</b>	European Patent Application Publication No. EP0905939A2 to Pauls <i>et al.</i> (“Pauls”)
<b>1008</b>	Excerpt from William Pennebaker <i>et al.</i> , JPEG Still Image Data Compression Standard (Van Nostrand Reinhold, 1993)
<b>1009</b>	Andreas Spanias <i>et al.</i> , <i>Audio Signal Processing and Coding</i> (John Wiley & Sons, Inc., 2007)
<b>1010</b>	Raymond Westwater <i>et al.</i> , <i>Real-Time Video Compression Techniques and Algorithms</i> (Kluwer Academic Publishers, 1997)
<b>1011</b>	David Salomon, <i>A Guide to Data Compression Methods</i> (Springer-Verlag New York, Inc., 2002)
<b>1012</b>	Le Gall, <i>MPEG: A Video Compression Standard for Multimedia Applications</i> (April 1991)
<b>1013</b>	Memorandum Opinion and Order, <i>Realtime Data, LLC v. Rackspace US, Inc. et al.</i> , No. 6:16-CV-00961, Dkt. 183 (E.D. Tex. June 14, 2017)
<b>1014</b>	Memorandum Opinion and Order, <i>Realtime Data, LLC v. Actian Corp. et al.</i> , No. 6:15-CV-00463, Dkt. 362 (E.D. Tex. July 28, 2016)
<b>1015</b>	U.S. Patent No. 5,873,065 to Akagiri <i>et al.</i>
<b>1016</b>	International PCT Patent Application Publication No. WO 98/40842 to Chao <i>et al.</i> (“Chao”)
<b>1017</b>	Notice of Interested Parties, <i>Realtime Adaptive Streaming, LLC v. Hulu LLC</i> , No. 2:17-CV-07611, Dkt. 18 (C.D. Cal. October 24, 2017)
<b>1018</b>	Mark Nelson, <i>The Data Compression Book</i> , M&T Books, 1991 (“Nelson”)

<b>Exhibit No.</b>	<b>Description</b>
<b>1019</b>	J. Golston, <i>Comparing media codecs for video content</i> , Embedded Systems Conference, San Francisco, 2004.
<b>1020</b>	International Telecommunication Union Telecommunication Standardization Sector Recommendation H.263 (February 1998) (H.263 Standard)
<b>1021</b>	U.S. Patent No. 6,195,024 to Fallon (incorporated by reference into the '610 Patent)
<b>1022</b>	International PCT Application Publication WO 00/51243 to Park
<b>1023</b>	Declaration of Dr. Sylvia Hall-Ellis
<b>1024</b>	Report and Recommendation of U.S. Magistrate Judge, <i>Realtime Data, LLC v. Packeteer, Inc.</i> , Case No. 6:08-CV-144, Dkt. 379 (E.D. Tex. June 23, 2009)

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