IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

NETFLIX, INC.

Petitioner,

v.

REALTIME ADAPTIVE STREAMING, LLC,

Patent Owner.

Case No. IPR2018-01187

U.S. Patent 9,769,477

PETITIONER'S UPDATED EXHIBIT LIST

| EXHIBIT I | JIST |
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| Ex. No. | Description |
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| 1001 | U.S. Patent No. 9,769,477 to Fallon et al. ("the '477 Patent") |
| 1002 | Prosecution File History for the '477 Patent |
| 1003 | Declaration of Dr. James A. Storer |
| 1004 | Japanese Patent Application Publication No. H11331305 to Imai <i>et al.</i> ("Imai") |
| 1005 | Certified English Translation of Imai |
| 1006 | U.S. Patent No. 6,507,611 to Imai et al. ("Imai '611") |
| 1007 | European Patent Application Publication No. EP0905939A2 to Pauls <i>et al.</i> ("Pauls") |
| 1008 | Excerpt from William Pennebaker <i>et al.</i> , JPEG Still Image Data Compression Standard (Van Nostrand Reinhold, 1993) |
| 1009 | Andreas Spanias <i>et al.</i> , <i>Audio Signal Processing and Coding</i> (John Wiley & Sons, Inc., 2007) |
| 1010 | Raymond Westwater et al., Real-Time Video Compression Techniques and Algorithms (Kluwer Academic Publishers, 1997) |
| 1011 | David Salomon, A Guide to Data Compression Methods (Springer- Verlag New York, Inc., 2002) |
| 1012 | Le Gall, MPEG: A Video Compression Standard for Multimedia Applications (April 1991) |
| 1013 | 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) |
| 1014 | Memorandum Opinion and Order, <i>Realtime Data, LLC v. Actian</i> <i>Corp. et al.</i> , No. 6:15-CV-00463, Dkt. 362 (E.D. Tex. July 28, 2016) |
| 1015 | U.S. Patent No. 5,873,065 to Akagiri et al. |
| 1016 | International PCT Patent Application Publication No. WO 98/40842 to Chao <i>et al</i> ("Chao") |

| Ex. No. | Description |
|---------|---|
| 1017 | Notice of Interested Parties, <i>Realtime Adaptive Streaming, LLC v.</i> <i>Hulu LLC</i> , No. 2:17-CV-07611, Dkt. 18 (C.D. Cal. October 24, 2017) |
| 1018 | Mark Nelson, The Data Compression Book, M&T Books, 1991 ("Nelson") |
| 1019 | J. Golston, <i>Comparing Media Codecs for Video Content</i> , Embedded Systems Conference, San Francisco, 2004 |
| 1020 | International Telecommunication Union Telecommunication Standardization Sector Recommendation H.263 (February 1998) (H.263 Standard) |
| 1021 | U.S. Patent No. 6,195,024 to Fallon (incorporated by reference into the '610 Patent) |
| 1022 | International PCT Application Publication WO 00/51243 to Park |
| 1023 | Declaration of Dr. Sylvia Hall-Ellis |
| 1024 | 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) |
| 1025 | U.S. Patent No. 6,407,680 to Lai |
| 1026 | Exhibit Not Used in this Proceeding |
| 1027 | Exhibit Not Used in this Proceeding |
| 1028 | Table Summarizing Dr. Zeger's Opinions as to Data Compression Algorithms |
| 1029 | Zeger Deposition Transcript from July 17, 2019 |

Date: August 12, 2019

Respectfully submitted,

SHEPPARD, MULLIN, RICHTER & HAMPTON LLP

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

CERTIFICATE OF SERVICE

The undersigned hereby certifies that on August 12, 2019, a complete copy of

Petitioner's Updated Exhibit List was served via email to all parties to this proceeding

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Date: August 12, 2019

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