

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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Google LLC,  
Petitioner

v.

WAG Acquisition, L.L.C.  
Patent Owner

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IPR2022-01413  
U.S. Patent No. 9,762,636 B2

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**PETITIONER'S UPDATED EXHIBIT LIST**

IPR2022-01413

U.S. Patent No. 9,762,636 B2

<b>Exhibit No.</b>	<b>Description of Document</b>
<b>1001</b>	U.S. Patent No. 9,762,636 B2 to Harold Edward Price (filed October 3, 2016, issued September 12, 2017)
<b>1002</b>	Declaration of Dr. Nathaniel Polish (“Polish” or “Polish Decl.”)
<b>1003</b>	U.S. Patent No. 6,389,473 to Sharon Carmel et al. (filed March 24, 1999, issued May 14, 2002) (“Carmel”)
<b>1004</b>	U.S. Patent No. 6,292,834 to Hemanth Srinivas Ravi et al. (filed March 14, 1997, issued September 18, 2001) (“Ravi”)
<b>1005</b>	U.S. Patent No. 6,008,853 to Ajai Narayan et al. (filed November 12, 1997, issued December 28, 1999) (“Narayan”)
<b>1009</b>	U.S. Patent No. 5,867,230 to Feng Chi Wang et al. (filed June 30, 1997, issued February 2, 1999)
<b>1010</b>	U.S. Patent No. 6,637,031 to Phillip A. Chou (filed December 4, 1998, issued October 21, 2003)
<b>1011</b>	Shanwei Cen et al., Flow and Congestion Control for Internet Media Streaming Applications (1997)
<b>1012</b>	Jian Lu, Signal Processing for Internet Video Streaming: A Review (2000)
<b>1013</b>	H. Schulzrinne et al., Network Working Group Request for Comments: 2326, Real Time Streaming Protocol (RTSP) (1998)
<b>1014</b>	U.S. Patent No. 7,529,806 to Yevgeniy Eugene Shteyn (filed November 4, 1999, issued May 5, 2009)
<b>1015</b>	U.S. Patent No. 5,721,878 to Hal Hjalmar Ottesen et al. (filed June 7, 1995, issued February 24, 1998)
<b>1016</b>	R. Fielding et al., Hypertext Transfer Protocol -- HTTP/1.1 (1999)

<b>Exhibit No.</b>	<b>Description of Document</b>
1017	Sam Iren and Paul D. Amer, The Transport Layer: Tutorial and Survey (1999)
1018	U.S. Patent No. 5,793,980 to Robert D. Glaser et al. (filed November 30, 1994, issued August 11, 1998)
1019	M.H. Willebeek-Lemair et al., Bamba – Audio and video streaming over the Internet (1998)
1020	Excerpts from David Austerberry, <i>The Technology of Video and Audio Streaming</i> (2004)
1021	Cannon DV Format, <a href="https://web.archive.org/web/19991013131445/http://canondv.com:80/shared/dvinfo/dvinfo2.html">https://web.archive.org/web/19991013131445/http://canondv.com:80/shared/dvinfo/dvinfo2.html</a> (1999)
1022	Alan T. Wetzel and Michael R. Schell, Consumer Applications of the IEEE 1394 Serial Bus, and a 1394/DV Video Editing System (1996)
1023	U.S. Patent No. 5,568,192 to Eric C. Hannah (filed August 30, 1995, issued October 22, 1996)
1024	U.S. Patent No. 5,402,170 to Kenneth A. Parulski et al. (filed August 31, 1992, issued March 28, 1995)
1025	Jean-Phillipe Martin-Flatin, Push vs. Pull in Web-Based Network Management (1999)
1026	Lixin Gao et al., Catching and Selective Catching: Efficient Latency Reduction Techniques for Delivering Continuous Multimedia Streams (1999)
1027	U.S. Patent No. 5,822,524 to Huey-Shiang Chen et al. (filed July 21, 1995, issued October 13, 1998)
1028	Sriram S. Rao et al., Comparative Evaluation of Server-push and Client-pull Architectures for Multimedia Servers (1996)

<b>Exhibit No.</b>	<b>Description of Document</b>
<b>1029</b>	'636 Patent Prosecution History File
<b>1032</b>	U.S. Patent No. 7,237,254 B1 to Nosakhare D. Omoigui (filed March 29, 2000, issued June 26, 2007)
<b>1033</b>	WAG Acquisition, L.L.C.'s Proposed Claim Constructions from <i>WAG Acquisition, L.L.C. v. Google LLC</i> , No. 6:21-cv-00816-ADA (W.D. Tex.), dated February 18, 2022
<b>1034</b>	U.S. Patent No. 5,488,433 to Kinya Washino et al. (filed March 1, 1995, issued January 30, 1996)
<b>1035</b>	Panasonic DV-PV910, <a href="https://web.archive.org/web/19990505044020/http://www.panasonic.com:80/consumer_electronics/video/pv_dv910.htm">https://web.archive.org/web/19990505044020/http://www.panasonic.com:80/consumer_electronics/video/pv_dv910.htm</a> (archived May 5, 1999)
<b>1036</b>	Canon Elura, <a href="https://web.archive.org/web/19990424171105/http://www.canondv.com:80/elura/index.html">https://web.archive.org/web/19990424171105/http://www.canondv.com:80/elura/index.html</a> (archived April 24, 1999)
<b>1037</b>	Canon XL1, <a href="https://web.archive.org/web/19990420230845/http://canondv.com:80/xl1/index2.html">https://web.archive.org/web/19990420230845/http://canondv.com:80/xl1/index2.html</a> (archived April 20, 1994)
<b>1038</b>	Anthony D. Mercado, Multimedia Mania (1994)
<b>1039</b>	Brad Hansen, The Dictionary of Multimedia (1997)
<b>1040</b>	Defendants Google LLC and YouTube, LLC's Opening Claim Construction Brief from <i>WAG Acquisition, L.L.C. v. Google LLC</i> , No. 6:21-cv-00816-ADA (W.D. Tex.), Dkt. No. 37, filed March 14, 2022
<b>1041</b>	Declaration of Keith J. Teruya from <i>WAG Acquisition, L.L.C. v. Google LLC</i> , No. 6:21-cv-00816-ADA (W.D. Tex.), filed April 1, 2022
<b>1042</b>	Jonathan C. Soo, Live Multimedia over HTTP (1994)

Exhibit No.	Description of Document
1043	Plaintiff's Responsive Claim Construction Brief from <i>WAG Acquisition, L.L.C. v. Google LLC</i> , No. 6:21-cv-00816-ADA (W.D. Tex.), filed April 1, 2022
1044	Defendants Google LLC and YouTube, LLC's Reply Claim Construction Brief from <i>WAG Acquisition, L.L.C. v. Google LLC</i> , No. 6:21-cv-00816-ADA (W.D. Tex.), Dkt. No. 43, filed April 15, 2022
1045	Phil Karn and Craig Partridge, Improving Round-Trip Time Estimates in Reliable Transport Protocols (1988)
1046	Hari Balakrishnan et al., Improving TCP/IP Performance over Wireless Networks (1995)
1047	WAG Acquisition, L.L.C.'s Preliminary Infringement Contentions from <i>WAG Acquisition, L.L.C. v. Google LLC</i> , No. 6:21-cv-00816-ADA (W.D. Tex.), dated November 15, 2021
1058	Opening Claim Construction Brief of Amazon.com, Inc., Amazon Web Services, Inc., and Amazon.com Services, LLC from <i>WAG Acquisition, L.L.C. v. Amazon.com, Inc.</i> , No. 6:21-cv-00815-ADA (W.D. Tex.), Dkt. No. 37, filed March 11, 2022
1060	List of Claims
1061	U.S. Patent No. 8,122,141 to Harold Edward Price (filed May 10, 2010, issued February 21, 2012)
1063	'636 YouTube Amended Infringement Contentions from <i>WAG Acquisition, L.L.C. v. Google LLC</i> , No. 6:21-cv-00816-ADA (W.D. Tex.), served February 8, 2022
1065	Proof of Service – YouTube, Inc. from <i>WAG Acquisition, L.L.C. v. Google LLC</i> , No. 6:21-cv-00816-ADA (W.D. Tex.), Dkt. 13
1066	Proof of Service – Google LLC from <i>WAG Acquisition, L.L.C. v. Google LLC</i> , No. 6:21-cv-00816-ADA (W.D. Tex.), Dkt. 14

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