

Filed: April 22, 2026

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

GOOGLE LLC,

Petitioner,

v.

HEADWATER RESEARCH LLC,

Patent Owner.

Case No. IPR2026-00137
U.S. Patent No. 9,647,918

PETITIONER'S UPDATED EXHIBIT LIST

Further to 37 C.F.R. § 42.63(e), Petitioner hereby submits a current listing of it exhibits. Exhibits 1068 through 1086 were filed on P-TACTS and served via email to counsel of record for the Patent Owner.

<u>Exhibit</u>	<u>Description</u>
EX1001	U.S. Patent No. 9,647,918 to Gregory G. Raleigh, et al. (“the ’918 patent”).
EX1002	Prosecution History of the ’918 patent (“the Prosecution History”).
EX1003	Declaration and Curriculum Vitae of Henry Houh, Ph.D.
EX1004	RESERVED
EX1005	Infringement Contentions, <i>Headwater Research LLC v. Samsung Electronics Co., Ltd. et al.</i> , 2-23-cv-00641 (EDTX), filed May 15, 2024.
EX1006	U.S. Provisional Application No. 61/264,126
EX1007	U.S. Provisional Application No. 61/270,353
EX1008	U.S. Provisional Application No. 61/275,208
EX1009	U.S. Provisional Application No. 61/237,753
EX1010	U.S. Provisional Application No. 61/264,120
EX1011	U.S. Provisional Application No. 61/348,022
EX1012	U.S. Provisional Application No. 61/381,159
EX1013	U.S. Provisional Application No. 61/381,162
EX1014	U.S. Provisional Application No. 61/384,456

<u>Exhibit</u>	<u>Description</u>
EX1015	U.S. Provisional Application No. 61/389,547
EX1016	U.S. Provisional Application No. 61/385,020
EX1017	U.S. Provisional Application No. 61/387,243
EX1018	U.S. Provisional Application No. 61/387,247
EX1019	U.S. Provisional Application No. 61/407,358
EX1020	U.S. Provisional Application No. 61/418,507
EX1021	U.S. Provisional Application No. 61/418,509
EX1022	U.S. Provisional Application No. 61/420,727
EX1023	U.S. Provisional Application No. 61/422,565
EX1024	U.S. Provisional Application No. 61/422,572
EX1025	U.S. Provisional Application No. 61/422,574
EX1026	U.S. Provisional Application No. 61/252,151
EX1027	U.S. Provisional Application No. 61/252,153
EX1028	U.S. Provisional Application No. 61/206,354
EX1029	U.S. Provisional Application No. 61/206,944
EX1030	U.S. Provisional Application No. 61/207,393
EX1031	U.S. Provisional Application No. 61/207,739
EX1032	U.S. Application No. 12/695,019
EX1033	U.S. Application No. 12/695,020

<u>Exhibit</u>	<u>Description</u>
EX1034	U.S. Application No. 12/694,445
EX1035	U.S. Application No. 12/694,451
EX1036	U.S. Application No. 12/694,455
EX1037	U.S. Application No. 12/695,980
EX1038	U.S. Application No. 12/695,021
EX1039	U.S. Application No. 12/380,780
EX1040	U.S. Application No. 12/380,778
EX1041	U.S. Patent Publication No 2006/0149811 (“ <i>Bennett</i> ”)
EX1042	U.S. Patent Publication No. 2012/0117478 (“ <i>Vadde</i> ”)
EX1043	U.S. Patent No. 8,429,516 (“ <i>Riggs</i> ”)
EX1044	EP Patent Publication No. 1 850 575 A1 (“ <i>Rybak</i> ”)
EX1045	U.S. Patent Publication No. 2004/0260630 (“ <i>Benco</i> ”)
EX1046	U.S. Patent No. 6,578,077 (“ <i>Rakoshitz</i> ”)
EX1047	U.S. Patent Publication No. 2006/0223495 (“ <i>Cassett</i> ”)
EX1048	U.S. Patent Publication No. 2008/0080458 (“ <i>Cole</i> ”)
EX1049	U.S. Patent Publication No. 2008/0209451 (“ <i>Michels</i> ”)
EX1050	U.S. Patent Publication No. 2006/0039354 (“ <i>Rao</i> ”)
EX1051	RESERVED
EX1052	RESERVED

<u>Exhibit</u>	<u>Description</u>
EX1053	U.S. Provisional Application No. 61/435,564
EX1054	U.S. Patent No. 6,754,470 (“ <i>Hendrickson</i> ”)
EX1055	U.S. Patent Publication No. 2002/0056126 (“ <i>Srikantan</i> ”)
EX1056	Newton’s Telecom Dictionary, 24th Edition
EX1057	Webster’s New World, Telecom Dictionary
EX1058	Wiley Electrical and Electronics Engineering (IEEE) Dictionary
EX1059	The Authoritative Dictionary of IEEE Standards Terms
EX1060	Claim Construction Order, <i>Headwater Rsch. LLC v. Samsung Elecs. Co. Ltd.</i> , 2:23-cv-00641-JRG-RSP (E.D. Tex. Apr. 7, 2025).
EX1061	J. Postel, Transmission Control Protocol, RFC 793, Internet Engineering Task Force (Sept. 1981) (“RFC 793”)
EX1062	U.S. Patent Publication No. 2008/0122796 (“ <i>Jobs</i> ”)
EX1063	U.S. Patent Publication No. 2010/0017506 (“ <i>Fadell</i> ”)
EX1064	R. Braden, Requirements for Internet Hosts – Communication Layers, RFC 1122, Internet Engineering Task Force (Oct. 1989) (“RFC 1122”)
EX1065	T. Berners-Lee et al., Uniform Resource Locators (URL), RFC 1738, Internet Engineering Task Force (Nov. 1995) (“RFC 1738”)
EX1066	M. Handley et al, SIP: Session Initiation Protocol, RFC 2543, The Internet Society (Mar. 1999) (“RFC 2543”)
EX1067	T. Berners-Lee & D. Connolly, Hypertext Markup Language - 2.0, RFC 1866, Internet Engineering Task Force (Nov. 1995) (“RFC 1866”)

<u>Exhibit</u>	<u>Description</u>
EX1068	<i>Samsung Electronics Co., Ltd. v. Headwater Research LLC</i> , IPR2024-01396, Paper 9 (P.T.A.B. Apr. 1, 2025) (Institution Decision)
EX1069	<i>Samsung Electronics Co., Ltd. v. Headwater Research LLC</i> , IPR2024-01396, Paper 2 (P.T.A.B. Sep. 9, 2024) (Petition)
EX1070	<i>Samsung Electronics Co., Ltd. v. Headwater Research LLC</i> , IPR2024-01396, Paper 21 (P.T.A.B. July 22, 2025) (Director Review Decision)
EX1071	Complaint, <i>Headwater Research LLC v. Google LLC</i> , No. 7:25-cv-00374 (W.D. Tex. Aug. 27, 2025)
EX1072	Motion to Transfer Venue, <i>Headwater Research LLC v. Google LLC</i> , No. 7:25-cv-00374 (W.D. Tex. Dec. 12, 2025)
EX1073	Scheduling Order, <i>Headwater Research LLC v. Google LLC</i> , No. 7:25-cv-00374, -00372, -00380 (W.D. Tex. Jan. 8, 2026)
EX1074	United States Courts, Federal Court Management Statistics—Profiles (Sept. 2025)
EX1075	FreePatentsOnline, Search Page, https://www.freepatentsonline.com/search.html (last visited Apr. 15, 2026) (Search 1)
EX1076	FreePatentsOnline, Search Results Page, https://www.freepatentsonline.com/search.html (last visited Apr. 15, 2026) (Results 1)
EX1077	FreePatentsOnline, Search Page, https://www.freepatentsonline.com/search.html (last visited Apr. 15, 2026) (Search 2)
EX1078	FreePatentsOnline, Search Results Page, https://www.freepatentsonline.com/search.html (last visited Apr. 15, 2026) (Results 2)

<u>Exhibit</u>	<u>Description</u>
EX1079	FreePatentsOnline, Search Page, https://www.freepatentsonline.com/search.html (last visited Apr. 15, 2026) (Search 3)
EX1080	FreePatentsOnline, Search Results Page, https://www.freepatentsonline.com/search.html (last visited Apr. 15, 2026) (Results 3)
EX1081	USPTO Patent Public Search, Search Results, https://ppubs.uspto.gov/pubwebapp/ (last visited April 15, 2026)
EX1082	<i>Google LLC v. Headwater Research LLC</i> , IPR2026-00049, Paper 13 (P.T.A.B. Apr. 1, 2026) (Institution Decision)
EX1083	<i>Samsung Electronics Co., Ltd. v. Headwater Research LLC</i> , IPR2024-01407, Paper 9 (P.T.A.B. Mar. 20, 2025) (Institution Decision)
EX1084	<i>Samsung Electronics Co., Ltd. v. Headwater Research LLC</i> , IPR2024-01407, Paper 17 (P.T.A.B. July 22, 2025) (Director Review)
EX1085	Scheduling Order, <i>Headwater Research LLC v. Google LLC</i> , No. 7:25-cv-00518 (W.D. Tex. Jan. 8, 2026)
EX1086	<i>Samsung Electronics Co., Ltd. v. Headwater Research LLC</i> , IPR2024-01397, Paper 13 (P.T.A.B. April 1, 2025) (Institution Decision)

Dated: April 22, 2026

By: /Erika H. Arner/
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CERTIFICATE OF SERVICE

The undersigned hereby certifies that a copy of the foregoing **Petitioner's Updated Exhibit List and Exhibits 1068-1086** was served on April 22, 2026, via email on counsel of record for Patent Owner at the following:

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