

Filed: February 9, 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. IPR2026-00048
U.S. Patent No. 10,237,757

PETITIONER'S UPDATED EXHIBIT LIST

Further to 37 C.F.R. § 42.63(e), Petitioner hereby submits a current listing of it exhibits. Exhibits 1019 through 1028 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. 10,237,757 B2 to Raleigh et al. (“the ’757 patent”)
EX1002	Patent Center Prosecution History of U.S. Patent No. 10,237,757 B2
EX1003	Declaration of Harry Bims, Ph.D.
EX1004	Curriculum Vitae of Harry Bims, Ph.D.
EX1005	U.S. Patent App. Pub. No. US 2009/0028082 A1 to Wynn et al. (“ <i>Wynn</i> ”)
EX1006	U.S. Patent App. Pub. No. US 2010/0048172 A1 to Karaoguz (“ <i>Karaoguz</i> ”)
EX1007	File History of U.S. Provisional App. No. 61/091,523 to Karaoguz (“ <i>Karaoguz Provisional</i> ”)
EX1008	U.S. Patent App. Pub. No. US 2003/0003933 A1 to Deshpande et al. (“ <i>Deshpande</i> ”)
EX1009	U.S. Patent App. Pub. No. US 2008/0186240 A1 to Man et al. (“ <i>Man</i> ”)
EX1010	U.S. Patent App. Pub. No. US 2005/0043026 A1 to Brok et al. (“ <i>Brok</i> ”)
EX1011	International Publ. No. WO 2009/029157 A1 to Vardi et al. (“ <i>Vardi</i> ”)
EX1012	U.S. Patent App. Pub. No. US 2010/0110921 A1 to Famolari et al. (“ <i>Famolari ’921</i> ”)

<u>Exhibit</u>	<u>Description</u>
EX1013	U.S. Patent App. Pub. No. US 2010/0083121 A1 to Famolari et al. (“ <i>Famolari '121</i> ”)
EX1014	U.S. Patent App. Pub. No. US 2007/0111740 A1 to Wandel (“ <i>Wandel</i> ”)
EX1015	Kevin Lai & Mary Baker, <i>Measuring Bandwidth</i> , IEEE INFOCOM '99. CONFERENCE ON COMPUTER COMMUNICATIONS. PROCEEDINGS. EIGHTEENTH ANNUAL JOINT CONFERENCE OF THE IEEE COMPUTER AND COMMUNICATIONS SOCIETIES. THE FUTURE IS NOW (CAT. No.99CH36320) , pp. 235-245 (1999) [https://doi.org/10.1109/INFCOM.1999.749288]
EX1016	Press Release, <i>A History of Mobile Phones and Smartphones</i> , BBC BITESIZE (Feb. 2024), https://www.bbc.co.uk/bitesize/articles/z62gjfr
EX1017	<i>Apple Introduces the New iPhone 3G</i> , APPLE (June 9, 2008), https://www.apple.com/newsroom/2008/06/09Apple-Introduces-the-New-iPhone-3G/
EX1018	M. Buddhikot et al., <i>Integration of 802.11 and Third-Generation Wireless Data Networks</i> , IEEE INFOCOM 2003, TWENTY-SECOND ANNUAL JOINT CONFERENCE OF THE IEEE COMPUTER AND COMMUNICATIONS SOCIETIES (IEEE CAT. No.03CH37428), pp. 503-512 (2003) [https://doi.org/10.1109/INFCOM.2003.1208701]
EX1019	U.S. Patent No. 8,194,589 to Wynn et al.
EX1020	FreePatentsOnline, Search Page, https://www.freepatentsonline.com/search.html (last visited Jan. 25, 2026) (Search 1)
EX1021	FreePatentsOnline, Search Results Page, https://www.freepatentsonline.com/search.html (last visited Jan. 25, 2026) (Results 1)

<u>Exhibit</u>	<u>Description</u>
EX1022	FreePatentsOnline, Search Page, https://www.freepatentsonline.com/search.html (last visited Jan. 27, 2026) (Search 2)
EX1023	FreePatentsOnline, Search Results Page, https://www.freepatentsonline.com/search.html (last visited Jan. 27, 2026) (Results 2)
EX1024	FreePatentsOnline, Search Page, https://www.freepatentsonline.com/search.html (last visited Jan. 25, 2026) (Search 3)
EX1025	FreePatentsOnline, Search Results Page, https://www.freepatentsonline.com/search.html (last visited Jan. 25, 2026) (Results 3)
EX1026	Complaint, <i>Headwater Research LLC v. Google LLC</i> , No. 7:25-cv-00378 (W.D. Tex. Aug. 27, 2025)
EX1027	Scheduling Order, <i>Headwater Research LLC v. Google LLC</i> , No. 7:25-cv-00378 (W.D. Tex. Jan. 8, 2026)
EX1028	United States Courts, Federal Court Management Statistics—Profiles (Sept. 2025)

Dated: February 9, 2026

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CERTIFICATE OF SERVICE

The undersigned hereby certifies that a copy of the foregoing **Petitioner's Updated Exhibit List and Exhibits 1019-1028** was served on February 9, 2026, via email on counsel of record for Patent Owner at the following:

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