

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

MICROSOFT CORPORATION,
Petitioner,

v.

QOMPLX LLC,
Patent Owner.

IPR2026-00184
Patent 12,231,426

PETITIONER'S UPDATED EXHIBIT LIST

EXHIBIT LIST

LIST OF NEWLY-FILED EXHIBITS

Exhibits concurrently filed with Petitioner's Updated Exhibit List:

No.	Description
1094	Order Regarding Austin Division Docket, <i>Qomplx LLC v. Microsoft Corporation</i> , 1:25-cv-01383-ADA (W.D. Tex. Apr. 23, 2026)

LIST OF PREVIOUSLY FILED EXHIBITS

No.	Description
1001	U.S. Patent No. 12,231,426 (“ 426 patent ”)
1002	File History of U.S. Patent No. 12,231,426
1003	Declaration of Dr. John Black, dated December 29, 2025
1004	U.S. Patent No. 10,063,654 (“Kirti”)
1005	David Coffin, <i>Expert Oracle and Java Security: Programming Secure Oracle Database Applications with Java</i> , Apress (2011) (“Coffin”)
1006	U.S. Patent No. 8,572,391 (“Golan”)
1007	U.S. Patent No. 7,979,899 (“Guo”)
1008	International Publication No. WO 2015/109947 (“Zhang”)
1009	U.S. Patent No. 8,312,540 (“Kahn”)
1010	U.S. Patent No. 10,021,108 (“Mankovskii”)
1011	U.S. Patent No. 7,908,645 (“Varghese”)
1012	U.S. Patent Application Pub. No. 2007/0079135 (“Saito”)
1013	N/A

No.	Description
1014	U.S. Patent No. 9,237,143 (“Dotan”)
1015	U.S. Patent No. 9,148,424 (“Yang”)
1016	U.S. Patent No. 9,319,419 (“Sprague”)
1017	U.S. Patent Application Pub. No. 2008/0249947 (“Potter”)
1018	International Pub. No. WO 2015/158874 (“Enqvist”)
1019	U.S. Patent No. 5,774,525 (“Kanevsky”)
1020	Olli Jarva, <i>Intelligent Two-Factor Authentication: Deciding Authentication Requirements Using Historical Context Data</i> , Aalto Univ. (May 13, 2014)
1021	U.S. Patent No. 9,298,890 (“Bajenov”)
1022	Affidavit of Mina Ching dated October 14, 2025 (“Azure Wayback”)
1023	U.S. Patent No. 9,955,349 (“McClintock”)
1024	U.S. Patent No. 11,184,766 (“Lord”)
1025	U.S. Patent No. 11,184,392 (“Thomas”)
1026	U.S. Patent No. 9,160,726 (“Kaufman”)
1027	U.S. Patent No. 9,122,866 (“Kolman”)
1028	U.S. Patent Application Pub. No. 2003/0115142 (“Brickell”)
1029	U.S. Patent Application Pub. No. 2014/0208419 (“Chang”)
1030	U.S. Patent Application Pub. No. 2018/0189470 (“Kim”)
1031	U.S. Patent Application Pub. No. 2014/0289833 (“Briceno”)
1032	U.S. Patent Application Pub. No. 2016/0191512 (“Tatourian”)
1033	U.S. Patent Application Pub. No. 2015/0150090 (“Carroll”)
1034	U.S. Patent Application Pub. No. 2017/0063896 (“Muddu”)
1035	U.S. Patent No. 10,432,605 (“Lester”)

No.	Description
1036	U.S. Patent Application Pub. No. 2010/0211996 (“McGeehan”)
1037	U.S. Patent No. 9,779,236 (“Abrams”)
1038	U.S. Patent No. 9,639,678 (“Moore”)
1039	U.S. Patent No. 9,648,034 (“Bailey”)
1040	U.S. Patent Application Pub. No. 2018/0027006 (“Zimmermann”)
1041	Shammi Ishara Hewamadduma, <i>Detection and Prevention of Possible Unauthorized Login Attempts Through Stolen Credentials from a Phishing Attack in an Online Banking System</i> , IEEE Int’l Conf. on Rsch. and Innovation in Info. Sys., at 13-18 (ICRIIS 2017) (“Hewamadduma”)
1042	U.S. Patent No. 8,266,682 (“Lee”)
1043	U.S. Patent No. 9,397,996 (“Roskind”)
1044	Affidavit of Mina Ching dated November 14, 2025 (“Phone Factor + Oracle Wayback”)
1045	N/A
1046	N/A
1047	N/A
1048	Declaration of Ingrid Hsieh-Yee dated December 16, 2025
1049	Affidavit of Mina Ching dated November 14, 2025 (“Coffin Wayback”)
1050	Lucas Jellema, <i>Just Launched: The Oracle Identity Cloud Service –for Authentication and Authorization Across the Cloud and on Premises</i> , AMIS Tech. Blog (Nov. 2, 2016), available at: https://technology.amis.nl/platform/just-launched-the-oracle-identity-cloud-service-for-authentication-and-authorization-across-the-cloud-and-on-premises/

No.	Description
1051	<p>John Ribeiro, <i>Oracle Will Acquire Cloud Security Vendor Palerra</i>, FoundryCo, Inc. (Sep. 18, 2016), available at: https://www.networkworld.com/article/955458/oracle-will-acquire-cloud-security-vendor-palerra-2.html</p>
1052	<p>Sarah Kuranda, <i>Oracle Acquires Cloud Access Security Brokerage Startup Palerra</i>, The Channel Co. (Sep. 19, 2016), available at: https://www.crn.com/news/security/300082128/oracle-acquires-cloud-access-security-brokerage-startup-palerra</p>
1053	<p><i>Hiding in Plain Sight: How a Cloud Access Security Broker With Built-In User Behavior Analytics Unmasks Insider Threats in the Cloud</i>, Oracle (Jan. 2017)</p>
1054	<p>Ganesh Kirti, <i>Dealing With Dropbox: Unmasking Hackers With User Behavior Analytics</i>, Cloud Sec. Alliance (Sep. 7, 2016), available at: https://cloudsecurityalliance.org/blog/2016/09/07/dealing-dropbox-unmasking-hackers-user-behavior-analytics</p>
1055	<p>Mitch Wagner, <i>Oracle Buys Palerra to Boost Cloud Security</i>, Informa TechTarget (Sep. 18, 2016), available at: https://www.lightreading.com/security/oracle-buys-palerra-to-boost-cloud-security</p>
1056	N/A
1057	<p>Complaint, <i>Qomplx LLC v. Microsoft Corp.</i>, Case No. 1:25-cv-01383-ADA (W.D. Tex.) (Aug. 8, 2025)</p>
1058	<p>Affidavit of Mina Ching dated December 12, 2025 (“2016 White Paper”)</p>
1059	<p>U.S. Patent No. 10,742,647 (“Crabtree 647”)</p>

No.	Description
1060	Guohui Wang and T.S. Eugene Ng, <i>The Impact of Virtualization on Network Performance of Amazon EC2 Data Center</i> , IEEE INFOCOM 2010, at 1163-1171 (Mar. 2010) (“Wang NPL”)
1061	U.S. Patent Application Pub. No. 2011/0314558 (“Song”)
1062	U.S. Patent No. 11,218,474 (“Crabtree 474”)
1063	U.S. Patent Application Pub. No. 2015/0319185 (“Kirti App.”)
1064	N/A
1065	Patent Comparison Chart
1066	Affidavit of Mina Ching dated December 24, 2025 (“APress-Coffin”)
1067	Email from Erik Fuehrer, et al. dated January 15, 2026, regarding <i>Qomplx LLC v. Microsoft Corporation</i> , Case No. 1:25-cv-01383-ADA (“ Sotera Plus Stipulation ”)
1068	<i>Microsoft Entra Expands Into Security Service Edge and Azure AD Becomes Microsoft Entra ID</i> , Microsoft, available at https://www.microsoft.com/en-us/security/blog/2023/07/11/microsoft-entra-expands-into-security-service-edge-and-azure-ad-becomes-microsoft-entra-id/
1069	United States District Courts Judicial Caseload Profile (excerpt)
1070	Judge Alan D. Albright Time to Trial, Docket Navigator (last visited Apr. 6, 2026)
1071	N/A
1072	Return of Service (ECF No. 11), <i>Qomplx LLC v. Microsoft Corporation</i> , 1:25-cv-01383-ADA (W.D. Tex. Sept. 8, 2025)
1073	<i>Annual Report 2025</i> , Microsoft, available at https://www.microsoft.com/investor/reports/ar25/index.html#
1074	N/A
1075	N/A

No.	Description
1076	President Trump’s Cyber Strategy for America (March 2026)
1077	<i>Qomplx</i> website capture (March 26, 2026), available at: https://www.qomplx.com/
1078	<i>Department of Defense Announces Joint Warfighting Cloud Capability Procurement</i> , U.S. Dept. of Defense (Dec. 7, 2022), available at: https://www.war.gov/News/Releases/Release/Article/3239378/department-of-defense-announces-joint-warfighting-cloud-capability-procurement/
1079	<i>Microsoft Digital Defense Report 2024 – The Foundations and New Frontiers of Cybersecurity</i> , Microsoft (2024), available at: https://cdn-dynmedia-1.microsoft.com/is/content/microsoftcorp/microsoft/final/en-us/microsoft-brand/documents/Microsoft%20Digital%20Defense%20Report%202024%20%281%29.pdf
1080	<i>Microsoft Announces \$3.3 Billion Investment in Wisconsin to Spur Artificial Intelligence Innovation and Economic Growth</i> , Microsoft (May 10, 2024), available at: https://news.microsoft.com/source/2024/05/08/microsoft-announces-3-3-billion-investment-in-wisconsin-to-spur-artificial-intelligence-innovation-and-economic-growth/
1081	<i>Microsoft Makes New \$4B Data Center Investment in Wisconsin, Government Technology</i> (Sept. 24, 2025), available at: https://www.govtech.com/biz/microsoft-makes-new-4b-data-center-investment-in-wisconsin
1082	<i>Made in Wisconsin: The World’s Most Powerful AI Datacenter</i> , Microsoft (Sept. 18, 2025), available at: https://blogs.microsoft.com/on-the-issues/2025/09/18/made-in-wisconsin-the-worlds-most-powerful-ai-datacenter/
1083	Microsoft Digital Defense Report 2025 – Lighting the path to a secure future, Microsoft (2025), available at:

No.	Description
	https://cdn-dynmedia-1.microsoft.com/is/content/microsoftcorp/microsoft/msc/documents/presentations/CSR/Microsoft-Digital-Defense-Report-2025.pdf
1084	Plaintiff Qomplx’s Preliminary Infringement Contentions <i>Qomplx LLC v. Microsoft Corporation</i> , 1:25-cv-01383-ADA (W.D. Tex. Nov. 24, 2025)
1085	Exhibit A to Qomplx’s Preliminary Infringement Contentions (424 patent)
1086	Exhibit B to Qomplx’s Preliminary Infringement Contentions (934 patent)
1087	Exhibit C to Qomplx’s Preliminary Infringement Contentions (426 patent)
1088	Exhibit D to Qomplx’s Preliminary Infringement Contentions (627 patent)
1089	Exhibit E to Qomplx’s Preliminary Infringement Contentions (627 patent)
1090	Exhibit F to Qomplx’s Preliminary Infringement Contentions (627 patent)
1091	Exhibit G to Qomplx’s Preliminary Infringement Contentions (628 patent)
1092	Exhibit H to Qomplx’s Preliminary Infringement Contentions (628 patent)
1093	Exhibit I to Qomplx’s Preliminary Infringement Contentions (663 patent)

Respectfully submitted,

Dated: April 27, 2026

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**CERTIFICATE OF SERVICE
IN COMPLIANCE WITH 37 C.F.R. § 42.6 (e)(4)**

The undersigned certifies that on April 27, 2026, the **PETITIONER'S UPDATED EXHIBIT LIST** and **EXHIBIT 1094** were served on counsel for Patent Owner via electronic mail as follows:

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