

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

GOOGLE LLC,
Petitioner,

v.

SECURITY FIRST INNOVATIONS, LLC,
Patent Owner.

Case No. IPR2024-00212
Patent No. 11,178,116

PETITIONER'S UPDATED EXHIBIT LIST

LISTING OF EXHIBITS

Exhibit	Description
1001	U.S. Patent No. 11,178,116 (“116 patent”)
1002	Prosecution History of U.S. Patent No. 11,178,116
1003	Declaration of Samrat Bhattacharjee, Ph.D.
1004	Curriculum Vitae of Samrat Bhattacharjee, Ph.D.
1005	U.S. Patent Application Publication 2003/0028493 (“Tajima”)
1006	U.S. Patent Application Publication 2003/0200176A1 (“Foster”)
1007	International Application Publication WO 2004/008289A2 (“Hayhurst”)
1008	U.S. Provisional Application 60/396357 (“Hayhurst-Provisional”)
1009	Coversheet of U.S. Provisional Application 60/396357
1010	Application Data for Provisional Application 60/396357
1011	Security First Innovation’s 2023-08-14 Infringement Contentions, Chart A in <i>Security First Innovations, LLC v. Google LLC</i> , 2-23-cv-00097 (E.D. Va.)
1012	Security First Innovation’s 2023-08-14 Infringement Contentions, Chart C in <i>Security First Innovations, LLC v. Google LLC</i> , 2-23-cv-00097 (E.D. Va.) (“Contentions”)
1013	U.S. Patent Application Publication 2004/0049687 (“Orsini”)
1014	International Application Publication WO 2001/22322 (“Dickinson”)
1015	U.S. Patent No. 10,452,854 (“854 patent”)
1016	U.S. Patent No. 6,021,391 (“Shyu”)
1017	U.S. Patent Application Publication 2004/0049700 (“Yoshida”)
1018	U.S. Patent Application Publication 2004/0003272A1 (“Bantz”)
1019	International Application Publication WO 2001/015162A2 (“Benaloh”)
1020	U.S. Patent Application Publication 2002/0194209 (“Bolosky”)
1021	U.S. Patent No. 6,819,766 (“Weidong”)
1022	U.S. Patent No. 4,238,853 (“Ehrsam”)
1023	U.S. Patent No. 7,277,941 (“Ignatius”)

Exhibit	Description
1024	U.S. Patent Application Publication 2005/0216754 (“Ehud”)
1025	International Application Publication WO 2004/057461A2 (“Ogihara”)
1026	U.S. Patent No. 7,178,033 (“Garcia”)
1027	U.S. Patent No. 6,490,353 (“Tan”)
1028	U.S. Patent Application Publication No. 2006/0064386 (“Marking”)
1029	U.S. Patent No. 7,529,834 (“Birrell”)
1030	U.S. Patent Application Publication 2001/0037474A1 (“Steegmans”)
1031	U.S. Patent Application Publication 2004/0172476A1 (“Chapweske”)
1032	U.S. Patent No. 7,099,994 (“Thayer”)
1033	U.S. Patent No. 6,151,659 (“Solomon”)
1034	R. L. Rivest, “ <i>All-or-nothing encryption and the package transform</i> ,” Proc. Of the 4 th Intl. Workshop on Fast Software Encryption 1997, (E. Biham, ed.), Lecture Notes in Computer Science, 1267 (1997) pp. 210–218. (“Rivest”)
1035	U.S. Patent No. 6,308,277 (“Vaeth”)
1036	U.S. Patent Application Publication 2001/0053221A1 (“Takeda”)
1037	Security First Innovation’s 2023-08-14 Infringement Contentions, Chart D in Security First Innovations, LLC v. Google LLC, 2-23-cv-00097 (E.D. Va.)
1038	Rule 16(b) Scheduling Order in <i>Security First Innovations, LLC v. Google, LLC</i> , 2:23-cv-00097-JWK-RJK, Dkt. 54 (July 20, 2023)
1039	U.S. Patent Application Publication 2018/0367509A1 (“116 Publication”)
1040	ABS: The Apportioned Backup System (“Cooley”) https://pdos.csail.mit.edu/archive/6.824-2004/reports/cooley.pdf
1041	U.S. Patent Application Publication 2003/0081790A1 (“Kallahalla”)
1042	Google LLC’s Proposed Claim Terms for Construction in <i>Security First Innovations, LLC v. Google, LLC</i> , 2:23-cv-00097-JWK-RJK (Nov. 11, 2023)

Exhibit	Description
1043	Letter from A. Mayron to D. Perlson re Preliminary Proposed Constructions in <i>Security First Innovations, LLC v. Google, LLC</i> , 2:23-cv-00097-JWK-RJK (Nov. 11, 2023)
1044	U.S. Patent No. 9,338,140 (“140 patent”)
1045	Supplemental Declaration of Samrat Bhattacharjee, Ph.D. [SUPPLMENTAL EVIDENCE – NOT FILED]
1046	Security First Innovations, LLC’s Responses and Objections to Google LLC’s First Set of Interrogatories (REDACTED by SFI) with Attached Charts A-D (Aug. 14, 2023) in <i>Security First Innovations, LLC v. Google LLC</i> , 2-23-cv-00097 (E.D. Va.) [SUPPLMENTAL EVIDENCE – NOT FILED]
1047	Declaration of Rachel J. Watters Relating to Exhibit 1034 [SUPPLMENTAL EVIDENCE – NOT FILED]
1048	RESERVED
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1064	RESERVED
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1071	RESERVED
1072	U.S. Patent Application Publication No. 2004/0019900
1073	U.S. Patent Application Publication No. 2002/0083438
1074	U.S. Patent No. 7,076,661
1075	U.S. Patent No. 6,771,657
1076	U.S. Patent No. 6,389,473
1077	U.S. Patent No. 6,662,329
1078	International Application Publication No. WO 2003/026220
1079	Trappe, Key Management and Distribution for Secure Multimedia Multicast (IEEE Dec. 2003)
1080	D. McGovern, "Pushing the internet direct to the user - security issues," IEE Seminar on IP Over Satellite - The next Generation: MPLS, VPN and DRM Delivered Services, 2003., 2003, pp. 122-138, doi: 10.1049/ic:20030063.
1081	U.S. Patent No. 7,277,941
1082	Mike Knee, MPEG Video
1083	U.S. Patent No. 7,266,613
1084	U.S. Patent Application Publication No. 2004/0202320
1085	U.S. Patent No. 7,823,009
1086	U.S. Patent No. 8,098,819
1087	U.S. Patent Application Publication No. 2004/0236958

Exhibit	Description
1088	International Application Publication No. WO 2001/015162
1089	U.S. Patent Application Publication No. 2004/0107356
1090	U.S. Patent No. 7,739,501
1091	U.S. Patent Application Publication No. 2004/0162871
1092	U.S. Patent Application Publication No. 2002/0129383
1093	U.S. Patent Application Publication No. 2004/0005061
1094	U.S. Patent Application Publication No. 2005/0160292
1095	U.S. Patent No. 6,959,086
1096	RFC 3394: Advanced Encryption Standard (AES) key wrap algorithm
1097	U.S. Patent No. 7,257,227
1098	U.S. Patent No. 6,993,508
1099	Deposition of Aviel D. Rubin, Ph.D. (Dec. 12, 2024) (“Rubin-Depo.”)
1100	U.S. Patent Application Publication No. 2003/0140257
1101	U.S. Patent Application Publication No. 2004/0199771
1102	U.S. Patent Application Publication No. 2005/0177740
1103	U.S. Patent Application Publication No. 2004/0199667
1104	U.S. Patent Application Publication No. 2005/0050218
1105	U.S. Patent Application Publication No. 2003/0187799
1106	National Institute of Standards and Technology, NIST Special Publication 800-57, Recommendations for Key Management – Part 1: General (Aug. 2005)
1107	U.S. Patent Application Publication No. 2004/0236958
1108	U.S. Patent No. 6,169,843
1109	MPEG-2 - a tutorial introduction to the systems layer (IEEE 1995)
1110	U.S. Patent Application Publication No. 2003/0145329
1111	Reply Declaration of Samrat Bhattacharjee, PH.D.
1112	U.S. Patent Application Publication No. 2004/0010699
1113	European Patent Application Publication No. EP1,564,686

Exhibit	Description
1114	U.S. Patent Application Publication No. 2004/0010699
1115	U.S. Patent Application Publication No. 2004/0187014
1116	RESERVED
1117	U.S. Patent Application Publication No. 2006/0143350
1118	Petitioner's Demonstrative Exhibits

Date: 02/24/2025

Respectfully submitted,
Google LLC

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CERTIFICATE OF SERVICE UNDER 37 C.F.R. § 42.6 (e)(4)

I certify that on February 24, 2025, I will cause a copy of the foregoing document, including any exhibits filed therewith, to be served via electronic mail, as previously consented to by Patent Owner, upon the following:

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