

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

KEYSIGHT TECHNOLOGIES, INC., and
PALO ALTO NETWORKS, INC.,
Petitioner,

v.

CENTRIPETAL NETWORKS, INC.,
Patent Owner.

IPR2023-00446¹

U.S. Patent 10,567,343

PETITIONER'S UPDATED EXHIBIT LIST

¹ IPR2023-01353 has been joined with this proceeding.

Pursuant to 37 C.F.R. § 42.63(e), Petitioner Keysight Technologies, Inc. submits a current exhibit list, including Petitioner’s Demonstratives (EX-1103):

Exhibit No.	Title
EX-1001	U.S. Patent No. 10,567,343 (“the ‘343 Patent”)
EX-1002	File History of the ‘343 Patent (“File History”)
EX-1003	Declaration of Dr. Stuart Staniford in support of Petition for <i>Inter Partes</i> Review of U.S. Patent No. 10,567,343
EX-1004	Sourcefire 3D System User Guide Version 4.10 (“Sourcefire”), available at https://www.scribd.com/document/96860221/Sourcefire-3D-System-User-Guide-v4-10
EX-1005	IPR2018-01760 CS-1005: Declaration of John Leone
EX-1006	Bard, G.V., “Cryptology ePrint Archive: Report 2006/136: A Challenging but Feasible Blockwise-Adaptive Chosen-Plaintext Attack on SSL,” archived at Internet Archive Wayback Machine on May 3, 2006 at https://web.archive.org/web/20060503043443/http://eprint.iacr.org:80/2006/136
EX-1007	Barry M. Leiner et al., “A Brief History of the Internet,” Internet Society, 1997, available at: https://www.internetsociety.org/wp-content/uploads/2017/09/ISOC-History-of-the-Internet_1997.pdf
EX-1008	U.S. Pat. No. 7,032,031 (“Jungck”)
EX-1009	E. H. Spafford, “The Internet Worm Program: An Analysis,” <i>Purdue Technical Report CSD-TR-823</i> , 1988, available at: https://spaf.cerias.purdue.edu/tech-reps/823.pdf

Exhibit No.	Title
EX-1010	Eichin, M.W. and Rochlis, J.A., “With Microscope and Tweezers: The Worm from MIT’s Perspective,” <i>Communications of the ACM</i> , Volume 32 Number 6, June 1989; <i>available at</i> https://www.cs.jhu.edu/~fabian/courses/CS600.624/Rochlis_morris.pdf
EX-1011	T. Eisenberg <i>et al.</i> , “The Cornell Commission: On Morris and the Worm,” <i>Communications of the ACM</i> , Volume 32 Number 6, June 1989; <i>available at</i> https://www.cs.cornell.edu/courses/cs1110/2009sp/assignments/a1/p706-eisenberg.pdf
EX-1012	J. C. Mogul, “Simple and Flexible Datagram Access Controls for Unix-based Gateways,” Digital Western Research Laboratory Technical Report No. 89/4, 1989; <i>available at</i> https://www.hpl.hp.com/techreports/Compaq-DEC/WRL-89-4.pdf
EX-1013	Declaration of John M. Hendricks In Support IPR Petition for U.S. Pat. 10,567,343 (<i>served as supplemental evidence in response to objections, but not filed</i>)
EX-1014	Affidavit of Christopher Butler, dated Jan. 11, 2023, authenticating EX-1038, EX-1073, EX-1080 (<i>served as supplemental evidence in response to objections, but not filed</i>)
EX-1015	Affidavit of Christopher Butler, dated Jan. 12, 2023, authenticating Emerging Threats (EX-1020) (<i>served as supplemental evidence in response to objections, but not filed</i>)
EX-1016	Heberlein, L. T.L, <i>et al.</i> , “A Network Security Monitor,” <i>Proceedings, 1990 IEEE Computer Society Symposium on Security and Privacy</i> , 1990, <i>available at</i> https://ieeexplore.ieee.org/document/63859 .

Exhibit No.	Title
EX-1017	IPR2018-01760 CS-1017: “NetRanger Network Security Management System User Guide”. v1.3.1 <i>Wheelgroup Corporation</i> , 1997.
EX-1018	Roesch, M., “Snort: Lightweight Intrusion Detection for Networks,” <i>Lisa</i> (Vol. 99, No. 1, pp. 229-238), 1999, <i>available</i> at https://www.usenix.org/legacy/event/lisa99/full_papers/roesch/roesch.pdf
EX-1019	U.S. Pat. No. 8,370,936 (“Zuk”)
EX-1020	Emerging Threats, available at https://web.archive.org/web/20101202025325/http://rules.emergingthreats.net/open/snort-2.8.4/emerging-all.rules (Dec. 2, 2010).
EX-1021	Authorized Classification and Control Markings Register, Vol. 1, Ed. 2 (Version 1.2), May 12, 2008, available at http://sgp.fas.org/othergov/intel/register.pdf
EX-1022	“Transmission Control Protocol,” <i>IETF RFC 793</i> . J. Postel, ed., September 1981, archived at Internet Archive Wayback Machine on February 2, 2007 at https://web.archive.org/web/20070202201546/https://tools.ietf.org/html/rfc793 .
EX-1023	“Internet Protocol,” <i>IETF RFC 791</i> , J. Postel, ed., September 1981, archived at Internet Archive Wayback Machine on February 4, 2007 at https://web.archive.org/web/20070204151303/http://tools.ietf.org/html/rfc791 .
EX-1024	“File Transfer Protocol,” <i>IETF RFC 765</i> , J. Postel, ed., June 1980, archived at Internet Archive Wayback Machine on February 6, 2007 at

Exhibit No.	Title
	https://web.archive.org/web/20070206005843/https://tools.ietf.org/html/rfc765 .
EX-1025	T. B. Lee, “The Original HTTP as defined in 1991,” World Wide Web Consortium, 1991, archived at Internet Archive Wayback Machine on June 5, 1997 at https://web.archive.org/web/19970605071155/https://www.w3.org/Protocols/HTTP/AsImplemented.html .
EX-1026	I. Ristic, “SSL/TLS and PKI History,” April 2018, available at https://www.feistyduck.com/ssl-tls-and-pki-history/ .
EX-1027	Service Name and Transport Protocol Port Number Registry, Internet Assigned Numbers Authority (IANA), available at https://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xhtml
EX-1028	Understanding /etc/passwd File Format, available at https://www.cyberciti.biz/faq/understanding-etcpasswd-file-format/
EX-1029	ASCII Table, available at https://www.asciitable.com/
EX-1030	Affidavit of Nathaniel E Frank-White, Internet Archive, Archive.org (Dec. 12, 2022)
EX-1031	<i>Intentionally Left Blank</i>
EX-1032	K. Ingham & S. Forrest, “A History and Survey of Network Firewalls,” <i>University of New Mexico Computer Science Department Technical Report 2002-37</i> , 2002, available at https://www.cs.unm.edu/~treport/tr/02-12/firewall.pdf .
EX-1033	Sourcefire Support Website Webpage, archived at Internet Archive Wayback Machine on April 30, 2011, available at

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	https://web.archive.org/web/20110430194135/https://support.sourceforge.com/ (“Sourcefire Support Webpage”).
EX-1034	Crow, J., Bennet, B.; Structure of Social Security Numbers, available at https://www.eff.org/pages/structure-social-security-numbers
EX-1035	<i>Curriculum Vitae</i> of Stuart Staniford
EX-1036	Webster’s New World Computer Dictionary, Tenth Edition (2003)
EX-1037	Microsoft Computer Dictionary, Fifth Edition (2002)
EX-1038	T. Dierks & E. Rescorla, “The Transport Layer Security (TLS) Protocol Version 1.1,” IETF RFC 4346, April 2006, archived at Internet Archive Wayback Machine on June 26, 2006 at https://web.archive.org/web/20060626134135if_/http://www.ietf.org:80/rfc/rfc4346.txt
EX-1039	<i>Intentionally Left Blank</i>
EX-1040	Minoli, Daniel, et al., Minoli-Cordovana’s Authoritative Computer & Network Security Dictionary (2006)
EX-1041	Dictionary Of Computing & Communications, McGraw-Hill (2003)
EX-1042	IPR2018-01436 CS-1003: Declaration of Dr. Stuart Staniford in Support of Petition for Inter Partes Review of US Patent No. 9,124,552.
EX-1043	U.S. Patent No. 9,124,552

Exhibit No.	Title
EX-1044	IPR2018-01437 CS-1003: Declaration of Dr. Stuart Staniford in Support of Petition for Inter Partes Review of US Patent No. 9,160,713
EX-1045	IPR2018-01760 CS-1038, Declaration of Christopher Butler
EX-1046	IPR2018-01760 CS-1042, Declaration of Jacob H. Baugher III
EX-1047	U.S. Patent No. 8,356,357
EX-1048	U.S. Patent No. 8,141,127
EX-1049	Declaration of John M. Hendricks In Support IPR Petition for U.S. Pat. 10,193,917
EX-1050	M. Edwards, “Bleeding Edge of Snort,” Oct. 10, 2004, available at https://www.itprotoday.com/windows-78/bleeding-edge-snort
EX-1051	The Aggregation Point for Snort Signatures and Research, Bleedingsnort.com, Wayback Machine, Internet Archive, available at https://web.archive.org/web/20041230024004/http://www.bleedingsnort.com/
EX-1052	<i>Intentionally Left Blank</i>
EX-1053	Emerging Threats Rule Documentation Wiki, available at https://doc.emergingthreats.net/
EX-1054	Proofpoint Emerging Threats Rules, available at https://rules.emergingthreats.net/
EX-1055	<i>Intentionally Left Blank</i>

Exhibit No.	Title
EX-1056	<i>Intentionally Left Blank</i>
EX-1057	<i>Intentionally Left Blank</i>
EX-1058	U.S. Patent No. 9,160,713
EX-1059	<i>Intentionally Left Blank</i>
EX-1060	<i>Intentionally Left Blank</i>
EX-1061	<i>Intentionally Left Blank</i>
EX-1062	IPR2018-01559 CS-1003: Declaration of Dr. Stuart Staniford in Support of Petition for Inter Partes Review of US Patent No. 9,686,193
EX-1063	U.S. Patent No. 9,686,193
EX-1064	<i>Intentionally Left Blank</i>
EX-1065	<i>Intentionally Left Blank</i>
EX-1066	<i>Intentionally Left Blank</i>
EX-1067	Cisco Systems, Inc., v. Centripetal Networks, Inc., IPR2018-01436 at Paper 40 (Final Written Decision) (U.S. Pat. 9,124,552)
EX-1068	Cisco Systems, Inc., v. Centripetal Networks, Inc., IPR2018-01437 at Paper 40 (Final Written Decision) (U.S. Pat. 9,160,713)
EX-1069	Centripetal Networks, Inc. v. Cisco Sys., 2020-1635 (Fed. Cir. Mar. 10, 2021), available via https://cafc.uscourts.gov/opinions-orders/20-1635.opinion.3-

Exhibit No.	Title
	10-2021_1745854.pdf (decision on appeal from ‘552 and ‘713 FWDs)
EX-1070	Cisco Systems, Inc., v. Centripetal Networks, Inc., IPR2018-01559 at Paper 7 (Decision Denying Institution of Inter Partes Review) (U.S. Pat. 9,686,193)
EX-1071	<i>Intentionally Left Blank</i>
EX-1072	<i>Intentionally Left Blank</i>
EX-1073	“Hypertext Transfer Protocol -- HTTP/1.1” IETF RFC 2616. R. Fielding, et al., June 1999, archived at Internet Archive Wayback Machine on January 9, 2005 at https://web.archive.org/web/20050119021312/https://www.ietf.org/rfc/rfc2616.txt .
EX-1074	HTTP-Requests, available at https://www.tutorialspoint.com/http/http_requests.htm
EX-1075	HTTP – Responses, available at https://www.tutorialspoint.com/http/http_responses.htm
EX-1076	IPR2021-01155 CS-1003: Declaration of Dr. Robert Akl in Support of Petition for Inter Partes Review of US Patent No. 10,567,343
EX-1077	Palo Alto Networks, Inc., v. Centripetal Networks, Inc., IPR2021-01155 at Paper 12 (Decision Denying Institution of Inter Partes Review) (U.S. Pat. 10,567,343)
EX-1078	Emerging Threats FAQ, available at https://doc.emergingthreats.net/bin/view/Main/EmergingFAQ
EX-1079	<i>Intentionally Left Blank</i>

Exhibit No.	Title
EX-1080	Snort rules 2.4 ftp.rules, available via https://web.archive.org/web/20060112054053/http://www.snort.org/pub-bin/downloads.cgi/Download/vrt_pr/snortrules-pr-2.4.tar.gz
EX-1081	Declaration of Dr. Sean Moore in Support of Centripetal’s Responses to Non-Final Office Action in Re-examination of ‘193 patent.
EX-1082	Centripetal Networks Press Release, “Centripetal Networks Inc. Adds Emerging Threats IQRisk® Rep List and IQRisk Query for Their RuleGate® Appliance”. Downloaded from https://www.centripetal.ai/press-releases/centripetal-emerging-threats-rulegate/
EX-1083	Cisco Systems, Inc., v. Centripetal Networks, Inc., IPR2018-01559, Patent Owner’s Preliminary Response. (U.S. Pat. 9,686,193).
EX-1084	Palo Alto Networks, Inc., v. Centripetal Networks, Inc., IPR2021-01155, Patent Owner’s Preliminary Response. (U.S. Pat. 10,567,343).
EX-1085	Ex-Parte Re-examination History for Patent 9,686,193.
EX-1086	Palo Alto Networks, Inc., v. Centripetal Networks, Inc., IPR2021-01155, Paper 16: Decision Denying Petitioner’s Request for Rehearing.
EX-1087	Cisco Systems, Inc., v. Centripetal Networks, Inc., IPR2018-01436, Patent Owner’s Preliminary Response. (U.S. Pat. 9,124,552).
EX-1088	Gartner, August 2011. Magic Quadrant for Content-Aware Data Loss Prevention. Obtained by SS from

Exhibit No.	Title
	https://www.etruserve.com.tw/gtb/GTB%20wp/rp-gartner-magic-quadrant-dlp-2011.pdf
EX-1089	US Patent No. 8,565,108.
EX-1090	US Patent No. 7,467,202.
EX-1091	<i>Intentionally Left Blank</i>
EX-1092	<i>Intentionally Left Blank</i>
EX-1093	<i>Intentionally Left Blank</i>
EX-1094	S. Turner & C. Polk, “Prohibiting Secure Sockets Layer (SSL) Version 2.0,” IETF RFC 6176, March 2011, archived at Internet Archive Wayback Machine on March 18, 2011 at https://web.archive.org/web/20110318184421/https://tools.ietf.org/html/rfc6176 .
EX-1095	M. Chatel, “Classical vs. Transparent IP Proxies,” <i>IETF RFC 1919</i> , March 1996, available at https://web.archive.org/web/20070630145311/https://tools.ietf.org/html/rfc1919
EX-1096	E. Rescorla, “HTTP over TLS”, <i>IETF RFC 2818</i> , May 2000, archived at Internet Archive Wayback Machine on January 25, 2007 at https://web.archive.org/web/20070125003236/https://tools.ietf.org/html/rfc2818 .
EX-1097	J. Moser, “The First Few Milliseconds of an HTTPS Connection”, <i>Moserware</i> , June 10, 2009, archived at Internet Archive Wayback Machine on June 13, 2009 at https://web.archive.org/web/20090613041022/http://www.moserware.com/2009/06/first-few-milliseconds-of-https.html

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EX-1098	Apple Quicktime RTSP URL buffer overflow. IBM advisory for CVE-2007-0015, 2007, available at https://exchange.xforce.ibmcloud.com/vulnerabilities/31203
EX-1099	Real Time Streaming Protocol (RTSP). RFC 2326, April 1998. Available at https://www.rfc-editor.org/rfc/rfc2326.html
EX-1100	Deposition Transcript of Dr. Goodrich (Jan. 5, 2024)
EX-1101	Deposition Transcript of Mr. Pedro Marinho (Jan. 23, 2024)
EX-1102	Emerging Threats archived webpage, available at https://web.archive.org/web/20101123160511/http://www.emergingthreats.net/
EX-1103	Petitioner's Demonstratives

CERTIFICATE OF SERVICE

In accordance with 37 C.F.R. § 42.6(e), and pursuant to agreement by the parties that filing with the Board through the Patent Trial and Appeal Case Tracking System (P-TACTS) constitutes electronic service, the undersigned certifies that filing the foregoing **PETITIONER'S UPDATED EXHIBIT LIST** and Exhibit No. 1103 on P-TACTS today constitutes service on the following Patent Owner's representatives:

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