

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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APPLE INC.  
Petitioner,

v.

VIRNETX, INC. AND SCIENCE APPLICATION INTERNATIONAL  
CORPORATION,  
Patent Owner

Patent No. 8,504,697

Issued: August 6, 2013

Filed: December 28, 2011

Inventors: Victor Larson, *et al.*

Title: SYSTEM AND METHOD EMPLOYING AN AGILE NETWORK  
PROTOCOL FOR SECURE COMMUNICATIONS USING SECURE  
DOMAIN NAMES

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*Inter Partes* Review No. IPR2014-00238

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**PETITIONER'S TRANSMITTAL LETTER  
AND UPDATED EXHIBIT LIST**

IPR2014-00238

Petitioner submits herewith as Exhibit 1081 the deposition transcript of the cross examination of Michael Fratto, taken on August 14, 2014.

An updated exhibit list is attached.

Dated: August 28, 2014

Respectfully Submitted,

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**UPDATED EXHIBIT LIST**

<b>Exhibit #</b>	<b>Reference Name</b>
1001	U.S Patent No. 8,504,697
1002	File History of U.S Patent No. 8,504,697
1007	Aventail Connect v3.01/2.51 Administrator's Guide and Aventail ExtraNet Server v3.0 Administrator's Guide (UNIX and Windows NT) (1996-1999)
1008	U.S. Patent No. 5,898,830 to Wesinger
1009	U.S. Patent No. 6,496,867 to Beser
1010	Kent, S., et al., RFC 2401, "Security Architecture for the Internet Protocol," November 1998
1011	Takahiro Kiuchi and Shigekoto Kaihara, "C-HTTP - The Development of a Secure, Closed HTTP-based Network on the Internet," published by IEEE in the Proceedings of SNDSS 1996
1012	H. Schulzrinne et al., RFC 2543, "SIP: Session Initiation Protocol," March 1999
1013	Schulzrinne, H., et al., RFC 1889, "RTP: A Transport Protocol for Real-Time Applications," January 1996
1014	Handley, M., et al., RFC 2327, "SDP: Session Description Protocol," April 1998
1015	E. Wedlund & H. Schulzrinne, "Mobility Support Using SIP," WOWMOM '99 Proceedings of the 2nd ACM international workshop on Wireless mobile multimedia
1016	Mockapetris, P., RFC 1034, "Domain Names – Concepts and Facilities," November 1987
1017	Mockapetris, P., RFC 1035, "Domain Names – Implementation and Specification," November 1987
1018	Srisuresh, P., et al., RFC 2663, "IP Network Address Translator (NAT) Terminology and Considerations," August 1999
1019	Tittel, E., et al., Windows NT Server 4 for Dummies, Ch. 12, pp. 191-210 (1999)

<b>Exhibit #</b>	<b>Reference Name</b>
1020	Microsoft Press, "Microsoft Windows 98 Resource Kit, The Professional's Companion to Windows 98," Ch. 9, pp. 355-396 and Ch. 19, pp. 849-918 (1998)
1021	Aventail AutoSOCKS v2.1 Administration and User's Guide, 1996-1997
1022	Aventail Connect v3.1/v2.6 Administrator's Guide, 1996-1999
1023	U.S. Patent No. 4,405,829 to Rivest et al.
1024	Ferguson, P. and Huston, G., What Is a VPN? – Part II," The Internet Protocol Journal, Vol. 1, No. 2 (September, 1998)
1025	Braden, R., RFC 1123, "Requirements for Internet Hosts – Application and Support," October 1989
1026	Fielding, R., et al., RFC 2068, "Hypertext Transfer Protocol – HTTP/1.1," January 1997
1027	Socolofsky, T., et al., RFC 1180, "A TCP/IP Tutorial," January 1991
1028	RFC 791, "Internet Protocol – DARPA Internet Program Protocol Specification," September 1981
1029	Rescorla, E., et al., RFC 2660, "The Secure HyperText Transfer Protocol," August 1999
1030	Lloyd, B., et al., RFC 1334, "PPP Authentication Protocols," October 1992
1031	Simpson, W., RFC 1994, "PPP Challenge Handshake Authentication Protocol (CHAP)," August 1996
1032	Dierks, T., et al., RFC 2246, "The TLS Protocol – Version 1.0," January 1999
1033	Simpson, W., RFC 1661, "The Point-to-Point Protocol (PPP)," July 1994
1034	Meyer, G., RFC 1968, "The PPP Encryption Control Protocol (ECP)," June 1996
1035	Kummert, H., RFC 2420, "The PPP Triple-DES Encryption Protocol (3DESE)," September 1998
1036	Pall, G., RFC 2118, "Microsoft Point-To-Point Compression (MPPC) Protocol," March 1997
1037	Gross, G., et al., RFC 2364, "PPP Over AAL5," July 1998
1038	Townsley, W.M., et al., RFC 2661, "Layer Two Tunneling Protocol 'L2TP'," August 1999

<b>Exhibit #</b>	<b>Reference Name</b>
1039	Heinanen, J., RFC 1483, "Multiprotocol Encapsulation over ATM Adaptation Layer 5," July 1993
1040	Adams, C., et al., RFC 2510, "Internet X.509 Public Key Infrastructure Certificate Management Protocols," March 1999
1041	Bradner, S., RFC 2026, "The Internet Standards Process – Revision 3," October 1996
1042	Leech, M., et al., RFC 1928, "Socks Protocol Version 5," March 1996
1043	Malkin, G., RFC 2453, "RIP Version 2," November 1998
1044	Moy, J., RFC 2328, "OSPF Version 2," April 1998
1045	Memorandum Opinion in <i>VirnetX, Inc. v. Microsoft Corporation</i> , 6:07-CV-80 (7/30/09) (EDTX)
1046	VirnetX's Opening Claim Construction Brief in <i>VirnetX Inc. v. Cisco Systems, Inc., et al.</i> , 6:10-CV-417 (11/4/11) (EDTX)
1047	Defendants' Responsive Claim Construction Brief in <i>VirnetX Inc. v. Cisco Systems, Inc., et al.</i> , 6:10-CV-417 (12/7/11) (EDTX)
1048	VirnetX's Reply Claim Construction Brief in <i>VirnetX Inc. v. Cisco Systems, Inc., et al.</i> , 6:10-CV-417 (12/19/11) (EDTX)
1049	Memorandum Opinion and Order in <i>VirnetX Inc. v. Cisco Systems, Inc., et al.</i> , 6:10-CV-417 (4/25/12) (EDTX)
1050	VirnetX Inc.'s and Science Applications International Corporation's Original Complaint and Summons in <i>VirnetX Inc., et al. v. Apple Inc.</i> , 6:12-CV-855 (11/6/2012) (EDTX)
1051	Declaration of Jason Nieh, Ph.D., Inter Partes Reexamination Proceeding, Control No. 95/001,269 (April 15, 2010) (USPTO)
1052	Declaration of Angelos D. Keromytis, Ph.D., Inter Partes Reexamination Proceeding, Control No. 95/001,788 (March 29, 2012) (USPTO)
1053	Declaration of Robert Dunham Short III, Inter Partes Reexamination Proceeding, Control No. 95/001,788 (March 29, 2012) (USPTO)
1054	Application No. 13/049,552, Applicant's Appeal Brief (April 25, 2013)
1055	Office Action in Inter Partes Reexamination - Non-Final Office Action, Control No. 95/001,788, December 29, 2011 (USPTO)
1056	Patent Owner's Response to Office Action of December 29, 2011, Control No. 95/001,788, March 29, 2012 (USPTO)

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