UNITED STATES	S PATENT AND	TRADEMARK	OFFICE
BEFORE THE PA	ATENT TRIAL A	AND APPEAL	BOARD

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

Inter Partes Review No. IPR2014-00238

PETITION FOR INTER PARTES REVIEW



TABLE OF CONTENTS

I.	COMPLIANCE WITH REQUIREMENTS FOR A PETITION FOR INTER PARTES REVIEW			
	A.		ification the '697 Patent May Be Contested by Petitioner	
	B.		for Inter Partes Review (§ 42.15(a))	
	C.	Man	datory Notices (37 CFR § 42.8(b))	2
		1.	Real Party in Interest (§ 42.8(b)(1))	
		2.	Other Proceedings (§ 42.8(b)(2))	
		3.	Designation of Lead and Backup Counsel	
		4.	Service Information (§ 42.8(b)(4))	2
	D.	Proo	f of Service (§§ 42.6(e) and 42.105(a))	2
II.			CATION OF CLAIMS BEING CHALLENGED 3))	2
III.			T INFORMATION CONCERNING THE CONTESTED	3
	A.	Effe	ctive Filing Date and Prosecution History of the '697 patent	3
	B.	Person of Ordinary Skill in the Art		
	C.	Construction of Terms Used in the Claims		
		1.	Domain Name (Claims 1-11, 14-25, and 28-30)	6
		2.	Secure Communication Link (Claims 1-11, 14-25, 28-30)	
		3.	Secure Communications Service (Claims 1-11, 14-25, 28-30)	9
		4.	Intercepting a request (Claims 1-11, 14-25, and 28-30)	
		5.	Modulation (Claims 6-7 and 20-21)	15
IV.	PRECISE REASONS FOR RELIEF REQUESTED			15
	A.	Clair	ms 1 and 16 Are Anticipated by Wesinger	15
		1.	Wesinger Anticipates Claim 1	16
		2.	Wesinger Anticipates Claim 16	
		3.	Patent Owner's Comments About Wesinger	21



B.	Dependent Claims 2-4, 8-11, 14-15, 21-25, and 28-30 Are			
		cipated by Wesinger	23	
	1.	Wesinger Anticipates Claim 2 and 24	23	
	2.	Wesinger Anticipates Claims 3 and 17	24	
	3.	Wesinger Anticipates Claims 8 and 22	24	
	4.	Wesinger Anticipates Claims 9 and 23	25	
	5.	Wesinger Anticipates Claims 10 and 29	25	
	6.	Wesinger Anticipates Claims 11 and 25	27	
	7.	Wesinger Anticipates Claims 14 and 28	27	
	8.	Wesinger Anticipates Claims 15 and 30	28	
C.	Clair	ms 4-7 and 18-21 Are Obvious in View of Wesinger	29	
	1.	Claims 4 and 18 Would Have Been Obvious from Wesinger in View of RFC 2543	29	
	2.	Claims 5-7 and 19-21 Claims 4 and 18 Would Have Been Obvious Based on Wesinger in View of RFC 2543	30	
D.	Clair	ms 1-11, 14-25, and 28-30 Are Anticipated by Aventail	32	
	1.	Aventail Anticipates Claim 1	33	
	2.	Aventail Anticipates Claim 16	38	
	3.	Aventail Anticipates Claims 2 and 24	38	
	4.	Aventail Anticipates Claims 3 and 17	39	
	5.	Aventail Anticipates Claims 8 and 22	40	
	6.	Aventail Anticipates Claims 9 and 23	40	
	7.	Aventail Anticipates Claims 10 and 29	41	
	8.	Aventail Anticipates Claims 11 and 25	42	
	9.	Aventail Anticipates Claims 14 and 28	43	
	10.	Aventail Anticipates Claims 15 and 30	44	
E.	Clair	ms 4-7 and 18-21 Are Rendered Obvious by Aventail	45	
	1.	Aventail Renders Claims 4 and 18 Obvious	45	
	2	Aventail Renders Claims 5-7 and 19-21 Obvious	17	



Petition for Inter Partes Review of U.S. Patent No. 8,504,697

	F.	Clan	ms 1-4, 8-11, 14-16, 21-25, and 28-30 Are Anticipated by	
		Kiuc	hi	49
		1.	Kiuchi Anticipates Claim 1	49
		2.	Kiuchi Anticipates Claim 16	54
		3.	Kiuchi Anticipates Claim 2 and 24	55
		4.	Kiuchi Anticipates Claims 3 and 17	55
		5.	Kiuchi Anticipates Claims 8 and 22	56
		6.	Kiuchi Anticipates Claims 9 and 23	56
		7.	Kiuchi Anticipates Claims 10 and 29	57
		8.	Kiuchi Anticipates Claims 11 and 25	58
		9.	Kiuchi Anticipates Claims 14 and 28	58
		10.	Kiuchi Anticipates Claims 15 and 30	59
V	CON	JCI US	SION	60

Attachment A. Proof of Service of the Petition

Attachment B. List of Evidence and Exhibits Relied Upon in Petition



I. COMPLIANCE WITH REQUIREMENTS FOR A PETITION FOR INTER PARTES REVIEW

A. Certification the '697 Patent May Be Contested by Petitioner

Petitioner certifies that U.S. Patent No. 8,504,697 (the '697 patent) (Ex. 1001) is available for *inter partes* review. Petitioner certifies that it is not barred or estopped from requesting *inter partes* review of the claims of the '697 patent on the grounds identified in this Petition. Neither Petitioner, nor any party in privity with Petitioner, has filed a civil action challenging the validity of any claim of the '697 patent. The '697 patent has not been the subject of a prior *inter partes* review by Petitioner or a privy of Petitioner.

Petitioner also certifies this petition for *inter partes* review is filed within one year of the date of service of a complaint alleging infringement of a patent. On **August 5, 2013**, VirnetX filed a complaint in the Eastern District of Texas asserting the '697 patent in case No. 6:13-cv-00581. The case was dismissed without prejudice. On **August 27, 2013**, VirnetX amended its complaint in the 6:12:cv-00855 proceeding to add the '697 patent. Because the date of this petition is less than one year from **August 27, 2013**, this petition complies with 35 U.S.C. § 315(b). Petitioner also notes that the timing provisions of 35 U.S.C. § 311(c) and 37 C.F.R. § 42.102(a) do not apply to the '697 patent, as it pre-dates the first-to-file system. *See* Pub. L. 112-274 § 1(n), 126 Stat. 2456 (Jan. 14, 2013).



DOCKET

Explore Litigation Insights



Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time** alerts and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.

